

BIBLIOGRAPHY OF PACIFIC AND MALESIAN PLANT MAPS OF PHANEROGAMS

Second Supplement

M. J. VAN STEENIS-KRUSEMAN

ACANTHACEAE

Blechum brownnei Juss. f. *puberulum* LEON.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 260.
Partial; Galapagos Is; localities indicated; partial revision.

Cosmianthemum BREM.—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 26 (1965) 367.
Complete; Borneo; shaded and localities indicated; density; monograph.

Dicliptera peruviana (LAMK.) Juss.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 260.
Partial; Galapagos Is; localities indicated; partial revision.

Elytraria imbricata (VAHL) PERS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 260.
Partial; Galapagos Is; localities indicated; partial revision.

Justicia galapagana LINDAU—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 260.
Complete; Galapagos Is; localities indicated; partial revision.

Ruellia floribunda HOOK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 260.
Partial; Galapagos Is; localities indicated; partial revision.

Tetramerium nervosum NEES—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 271.
Partial; Galapagos Is; localities indicated; partial revision.

ACERACEAE

Aceraceae—S. I. Sokolov (ed.), Bot. Inst. Komarov, Akad. Nauk. SSSR IV (1958) 407, 423 (n.v.).
Complete; World, Eurasia.

H. Walter/H. Straka, Arealkunde, Einführ. i.d. Phytologie III/2, Stuttgart 1970, 34, map 26 (after Pax); 47, map 39 (Zippenzentren after Schmucker, emend.).
Complete; World; occasional.

Acer L.—Th. Schmucker, *Silvae Orbis*, C. I. S. Berlin (1942) map 193.
Complete; World; occasional.

F. J. W. Bader, *Nova Acta Leop. N. F.* n. 148, 23 (1960) 207.
Complete; temperate regions N. hemisphere, but also Centr. America; SE. Asia and Malesia W. of the Moluccas; delineated.

G. Krüssmann, *Händb. d. Laubgehölze* 1 (1960) 87.
Incomplete; N. hemisphere (Malesia wrongly not indicated); shaded; occasional.

E. Jäger, *Fedde Rep.* 79 (1968) 254.
Partial; submeridional and meridional zone of the northern hemisphere; delineated; occasional.

A. niveum Bl.—Th. Schmucker, *Silvae Orbis*, C.I.S. Berlin (1942) map 209.
Complete; Asia; occasional.

F. J. W. Bader, *Nova Acta Leop. N. F.* n. 148, 23 (1960) 207.
Complete; from Assam to Malesia (excl. Moluccas, New Guinea); delineated.

ACTINIDIACEAE

Actinidia LINDL. (3 sections)—S. T. Dunn, *J. Linn. Soc. Bot.* 39 (1911) pl. 25.
Complete; S. & E. Asia, incl. Taiwan and Japan, W. Malesia (Mal. Pen., Sumatra and Java); delineated; monograph.

M. Lehner, *Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen.* (Inaug. Diss. München 1944, typescript) map 27.
Complete; S. & E. Asia, incl. Taiwan and Japan, W. Malesia; delineated; after Dunn.

H. Tralau, *Kungl. Sv. Ak. Handl.* IV, 9 (1963) 56, map 18 (and 19 for fossils only).
Complete; E. and SE. Asia incl. Indo-Malesia (hardly on the map); delineated; fossil localities indicated; occasional.

AGAVACEAE see Liliaceae

AIZOACEAE

Aizoaceae—M. M. Iljin, *Sov. Bot.* 15, Bot. Inst. Akad. Nauk SSSR (1947) 252, 253
(n.v.).
Partial; S. Africa.

Carpobrotus aequilaterus (Haw.) N.E. Br.—S. T. Blake, *Contr. Qld. Herb.* 7 (1969) 63.
Complete; Australia (introd.), New Zealand, America; localities indicated; partial revision.

C. glaucescens (Haw.) SCHWANTES—S. T. Blake, *Contr. Qld. Herb.* 7 (1969) 64.
Complete; Australia, Norfolk; localities indicated; partial revision.

Mollugo cerviana (L.) SER.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971)
217.
Partial; Galapagos Is; localities indicated; partial revision.

- M. crockeri** HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 217.
Complete; Galapagos Is; localities indicated; partial revision.
- M. flavescentia** ANDERSS. (+ ssp.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 217, 220.
Complete; Galapagos Is; localities indicated; partial revision.
- M. floriana** (ROBINS.) HOWELL (+ ssp.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 221.
Complete; Galapagos Is; localities indicated; partial revision.
- M. snodgrassii** ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 221.
Complete; Galapagos Is; localities indicated; partial revision.
- Sesuvium edmonstonei** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 183.
Complete; Galapagos Is; localities indicated; partial revision.
- S. portulacastrum** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 183.
Partial; Galapagos Is; localities indicated; partial revision.
- Trianthemum portulacastrum** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 185.
Partial; Galapagos Is; localities indicated; partial revision.

ALANGIACEAE

- Alangium** LAMK.—F. N. Hepper, Webbia 19 (1965) 612.
Complete; Old World, also incl. E. Asia, Indo-Malesia, NE. Australia, W. Pacific; delineated and shaded; occasional.
- R. H. Eyde *et al.*, Bull. Torrey Bot. Club 96 (1969) 302.
Complete; (fossil and living) Old World, (fossil in New World); delineated, occasional (based on monograph).
- Tj. Reitsma, Rev. Palaeobot. Palyn. 10 (1970) 261, 265, 267, 269, 270, 272, 276, 277 (pollen types).
Complete; Old World; delineated and shaded; occasional.
- Tj. Reitsma, Rev. Palaeobot. Palyn. 10 (1970) 289.
Complete; Old World, S. & E. Asia, Malesia, NE. Australia, W. Pacific; delineated & shaded; fossil localities indicated (New & Old World).

ALISMATACEAE

- Alismataceae**—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965), Karten, 28a.
Complete; New & Old World, also incl. Indo-Malesia (exc. New Guinea), New Zealand (synanthr.), S. America; delineated and shaded; occasional.
- Alisma canaliculatum** A. BR. & BOUCHÉ—A. Pirola, Riv. il Riso (1964) 7.
Complete; E. Asia, Japan and Islands S. of it; after Samuelsson 1933.

A. rariflorum G. SAM.—A. Pirola, Riv. il Riso (1964) 7.

Complete; Japan; delineated; occasional; after Samuelsson 1933.

Echinodorus ENGELM.—C. D. Sculthorpe, The Biology of Aquatic Vascular Plants (London, 1967) 373, 374.

Partial; C. and S. America; shaded; localities indicated; occasional.

Sagittaria L.—C. D. Sculthorpe, The Biology of Aquatic Vascular Plants (London, 1967) 373, 374.

Partial; N., C. and S. America; shaded; localities indicated; species density; occasional.

S. pygmaea MIQ.—C. D. Sculthorpe, The Biology of Aquatic Vascular Plants (London, 1967) 369.

Complete; E. Asia, Japan; localities indicated; occasional.

S. trifolia L. [*S. sagittifolia* L. ssp. *leucopetala* (MIQ.) DEN HARTOG]—C. D. Sculthorpe, The Biology of Aquatic Vascular Plants (London, 1967) 369.

Complete; (native); Continental India to SE. Asia and E. Asia (incl. Japan and Taiwan), Sumatra, Celebes, Philippines (excl. Palawan); according to the caption adventive in oceanic SE. Asia, Australia, Pacific region; shaded; occasional.

AMARANTHACEAE

Aerva javanica complex—A. M. Khan, S. I. Ali & S. A. Farugi, Phyton (Austria) 14 (1970) 140.

Complete; Africa to Australia; delineated; occasional.

Alternanthera echinocephala (HOOK. f.) CHRISTOPH.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 185.

Partial; Galapagos Is; localities indicated; partial revision.

A. filifolia (HOOK. f.) HOWELL (+ssp.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 189, 190.

Partly complete; partly partial Galapagos Is; localities indicated; partial revision.

A. flavicoma (ANDERSS.) HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 190.

Complete; Galapagos Is; localities indicated; partial revision.

A. galapagensis (STEW.) HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 192.

Complete; Galapagos Is; localities indicated; partial revision.

A. halimifolia (LAMK.) STANDL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 192.

Partial; Galapagos Is; localities indicated; partial revision.

A. helleri (ROBINS.) HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 192.

Complete; Galapagos Is; localities indicated; partial revision.

A. nesiotes JOHNSTON—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 192.

Complete; Galapagos Is; localities indicated; partial revision.

BIBLIOGRAPHY

5

- A. rugulosa** (ROBINS.) HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 194.
Partial; Galapagos Is; localities indicated; partial revision.
- A. snodgrassii** (ROBINS.) HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 194.
Complete; Galapagos Is; localities indicated; partial revision.
- A. vestita** (ANDERSS.) HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 194.
Partial; Galapagos Is; localities indicated; partial revision.
- Amaranthus anderssonii** HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 194.
Complete; Galapagos Is; localities indicated; partial revision.
- A. dubius** MART.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 196.
Partial; Galapagos Is; localities indicated; partial revision.
- A. furcatus** HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 196.
Complete; Galapagos Is; localities indicated; partial revision.
- A. gracilis** DESF.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 196.
Partial; Galapagos Is; localities indicated; partial revision.
- A. lividus** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 196.
Partial; Galapagos Is; localities indicated; partial revision.
- A. quitensis** HBK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 199.
Partial; Galapagos Is; localities indicated; partial revision.
- A. sclerantoides** (ANDERSS.) ANDERSS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 199.
Complete; Galapagos Is; localities indicated; partial revision.
- A. spinosus** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 199.
Partial; Galapagos Is; localities indicated; partial revision.
- A. squamulatus** (ANDERSS.) ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 199.
Complete; Galapagos Is; localities indicated; partial revision.
- Charpentiera GAUD.** (several spp.)—S. H. Sohmer, Brittonia 24 (1972) 307, 308, 309, 310, 311 (on different islands).
Partial; Hawaiian Is (in text: one sp. Tubuai Is); localities indicated; revision.
- Ch. densiflora** SOHMER—S. H. Sohmer, Brittonia 24 (1972) 307.
Complete; Kanai (Haw. Is); localities indicated; revision.
- Ch. elliptica** (HILLEG.) HELLER—S. H. Sohmer, Brittonia 24 (1972) 307.
Complete; Kanai (Haw. Is); localities indicated; revision.
- Ch. obovata** GAUD. (+ vars.)—S. H. Sohmer, Brittonia 24 (1972) 307—311.
Complete; Hawaiian Is; localities indicated; revision.

Ch. ovata GAUD. (+ vars.)—S. H. Sohmer, Brittonia 24 (1972) 308—311.
Complete; Hawaiian Is; localities indicated; revision.

Ch. tomentosa SOHMER (+ vars.)—S. H. Sohmer, Brittonia 24 (1972) 308, 311.
Complete; Hawaiian Is; localities indicated; revision.

Froelichia juncea ROBINS. & GREENM. (+ ssp.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 202.
Complete; Galapagos Is; localities indicated; partial revision.

F. nudicaulis HOOK. f. (+ spp.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 202, 203.
Complete; Galapagos Is; localities indicated; partial revision.

Iresine edmonstonei HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 203.
Partial; Galapagos Is (doubtful); localities indicated; partial revision.

Lithophilis radicata (HOOK. f.) STANDL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 203.
Complete; Galapagos Is; localities indicated; partial revision.

L. subscaposa (HOOK. f.) STANDL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 203.
Complete; Galapagos Is; localities indicated; partial revision.

Philoxerus rigidus (ROBINS. & GREENM.) HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 207.
Complete; Galapagos Is; localities indicated; partial revision.

Pleuropetalum darwinii HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 207.
Complete; Galapagos Is; localities indicated; partial revision.

AMARYLLIDACEAE

Hypoxidaceae (as separate family)—D. Geerinck, Bull. Soc. Roy. Bot. Belg. 101 (1968) 267.

Complete; New & Old World, also incl. Malesia, Australia, Tasmania, New Zealand and W. Pacific; delineated; partial revision.

Curculigo GAERTN. sect. **Curculigo**—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 195.

Complete; Old & New World, incl. Malesia, W. Pacific; delineated and localities partly indicated; species density; literature + herb.

sect. **Molineria** (COLLA) BTH.—E. F. de Vogel, Pac. Pl. Ar. (1975) map 196.

Complete; from India to Solomons and Queensland; delineated and localities indicated; literature + herb.

Hypoxis decumbens L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 895.
Partial; Galapagos Is; localities indicated; partial revision.

ANACARDIACEAE

Spondieae—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (inaug. Diss. München, 1944, typescript) map 33.

Complete; New & Old World (practically confined to the tropics), also incl. Indo-Malesia, W. Pacific; delineated; occasional.

Dracontomelon puberulum Miq.—H. Streimann, Timber Species Leaflet (Lae) no. 5 (1972).

Partial; E. New Guinea, Bismarck Arch.; shaded; field survey.

Mangifera BURM.—S. K. Mukherjee, Econ. Bot. 26 (1972) 261.

Complete; India to New Guinea; delineated; species density; occasional.

Rhus L.—G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 388.

Incomplete; U.S.A., E. Asia; shaded & delineated; occasional.

R. chinensis MILLER—Y. Horikawa, Atlas Jap. Flora (1972) map 1972.

Partial; Japan, E. Asia; localities indicated; literature + herb.

Spondias purpurea L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 521.

Partial; Galapagos Is; localities indicated; partial revision.

Toxicodendron Tourn. (segregate of *Rhus*) sect. **Toxicodendron**—W. T. Gillis,

Rhodora 73 (1971) 168.

Complete; New & Old World, also incl. Japan and Malesia; shaded; monograph.

T. borneense (STAPP) GILLIS—W. T. Gillis, Rhodora 73 (1971) 167.

Complete; Sabah (N. Borneo); localities indicated; monograph.

T. nodosum (BL.) GILLIS—W. T. Gillis, Rhodora 73 (1971) 167.

Complete; Malesia (not E. of Celebes and Java); localities indicated; monograph.

T. radicans (L.) KUNTZE ssp. **orientale** (GREENE) GILLIS—W. T. Gillis, Rhodora 73 (1972) 208.

Partial; Japan; localities indicated; monograph.

ANCISTROCLADACEAE

Ancistrocladaceae—H. Gottwald & N. Parameswaran, Bot. Jahrb. 88 (1968) 50.

Complete; Trop. Africa, Indo-Malesia, E. to Borneo and Hainan; delineated; occasional.

Ancistrocladus WALL.—F. N. Hepper, Webbia 19 (1965) 611.

Incomplete; Old World, also incl. Indo-Malesia (as far as Mal. Pen.); delineated and shaded; occasional.

R. Fresen, Bull. Jard. Bot. Nat. Belg. 37 (1967) 75.

Partial; Africa; delineated; localities indicated; partial revision.

R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 96.

Incomplete; Old World (incl. Malaya); shaded; after Hepper 1965.

ANNONACEAE

Annonaceae—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München, 1944, typescript) map 19.

Complete; New & Old World (mostly tropical), also incl. Indo-Malesia, NE. Australia, W. Pacific; delineated; partly after Vester and Hutchinson.

Anaxagorea St. Hil.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 20.

Complete; tropics; New & Old World, also incl. Indo-Malesia; delineated; occasional.

Anona cherimolia MILL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 521.

Partial; Galapagos Is (introd.); locality indicated; partial revision.

A. muricata L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 521.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Xylopia L.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 21.

Complete; tropics New & Old World; delineated; occasional.

APOCYNACEAE

Allowoodsonia whitmorei MARKG.—T. C. Whitmore, Philos. Trans. R. Soc. Lond. ser. B. 255 (1969) 555.

Complete; Solomons; delineated; occasional.

Alstonia scholaris (L.) R. Br.—H. Streimann, Timber Species Leaflet (Lae) no. 9 (1972). Partial; E. New Guinea and islands; shaded; field survey.

Cerbera lactaria HAM.—Y. Horikawa, Atlas Jap. Flora (1972) map 322.

Partial; Ryu Kyu; localities indicated; literature + herb.

Kopsia Bl.—M. M. J. van Balgooy, Blumea Suppl. 2 (1971) 66.

Complete; Indo-Malesia, Pacific: W. Carol., Solomons, New Hebr.; delineated; after Pac. Pl. Ar.

Lepinia solomonensis HEMSL.—T. C. Whitmore, Philos. Trans. R. Soc. Lond. ser. B 255 (1969) 553.

Complete; Pacific (widely disjunct); shaded (connected); after Van Steenis 1962.

Vallesia glabra (CAV.) LINK (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 271.

Partial; Galapagos Is; localities indicated; partial revision.

APONOGETONACEAE

Aponogeton THUNB.—H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2, Stuttgart (1970) 91.

Complete; but erroneously Celebes still excluded; delineated and shaded; after Hutchinson.

A. bullosus VAN BRUGGEN—H. W. E. van Bruggen, Blumea 17 (1969) 128.

Complete; NE. Queensland; locality indicated; partial revision.

- A. distachyon** L. f.—H. W. E. van Bruggen, Blumea 17 (1969) 128.
Complete; cultivated and to some extent naturalized in S. Australia (Victoria); localities indicated; partial revision.
- A. eberhardtii** A. CAMUS—H. W. E. van Bruggen, Het Aquarium 41 (1971) 241.
Complete; Indo-Chinese Pen.; localities indicated; monograph.
- A. lakhonensis** A. CAMUS—H. W. E. van Bruggen, Blumea 18 (1970) 466.
Complete; from Assam to China, and Indo-China; SW. Celebes; localities indicated; partial revision.
- H. W. E. van Bruggen, Het Aquarium 42 (1971) 11.
Complete; India to SE. Asia, S. China, SW. Celebes; localities indicated; monograph.
- A. loriae** MARTELLI—H. W. E. van Bruggen, Blumea 18 (1970) 476.
Complete; New Guinea; localities indicated; partial revision.
- A. undulatus** ROXB.—H. W. E. van Bruggen, Blumea 18 (1970) 474.
Complete; from India and Ceylon eastwards; Mal. Pen.; localities indicated; partial revision.
- H. W. E. van Bruggen, Het Aquarium 41 (1971) 282.
Complete; India to SE. Asia; Mal. Pen. doubtful; localities indicated; monograph.
- A. womersleyi** VAN BRUGGEN—H. W. E. van Bruggen, Blumea 18 (1970) 476.
Complete; SW. Papua; localities indicated; partial revision.

APOSTASIACEAE see Orchidaceae

AQUIFOLIACEAE

- Aquifoliaceae**—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 13.
Complete; Old & New World, also incl. Indo-Malesia, extreme N. Australia, Pacific, S. America; delineated; occasional.
- Ilex** L.—G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 18.
Incomplete; New & Old World, also incl. Indo-Malesia (not New Guinea); W. Pacific not indicated; shaded; occasional.
- (Chinese species)—Sh.-Y. Hu, Tsing Hua J. Chin. Studies spec. n. 1 Nat. Sci (1959) 164, 165, 168.
Partial; China; delineated; species density (p. 164); partial revision.
- Sh.-Y. Hu, Tsing Hua, J. Chin. Studies spec. n. 1 Nat. Sci. (1959) 178—180.
Complete; World; delineated; partial revision.
- subsect. **Ilex**—E. Jäger, Fedde Rep. 79 (1968) 224.
Partial; meridional and submeridional zone of the northern hemisphere; delineated and shaded; occasional; after Little 1949.
- Aquifolium** group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 52.
± Complete; Asia, Malesia (as far east as? New Guinea; not in Lesser Sunda Is), S. North America; delineated and indicated; ± species density; ± monograph.

Byronia group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 50.
Complete; Pacific: Polynesia; delineated; ± monograph.

Cymilex group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 50.

Complete; SE. Asia, Indonesia (not in the Lesser Sunda Is), N. Australia, W. Pacific (New Hebrides? New Caledonia, Fiji); delineated; ± monograph.

Epiphytilex group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 50.

Complete; Malesia (absent in Celebes, Lesser Sunda Is, Moluccas); delineated; ± monograph.

Hexadica group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 56.

Complete; E. Asia, Sumatra, Malaya; delineated; ± monograph.

Lioprinos group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 52.

± Complete; Asia, Malaya, Sumatra, N. Luzon; N. and S. America; delineated and indicated; ± species density; ± monograph.

Macroprinos group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 56.

Complete; E. Asia, Philippines; delineated; ± monograph.

Paltoria group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 53.

Complete; S. & E. Asia, Malesia (exc. Lesser Sunda Is and New Guinea); S. America; delineated; localities indicated (in S. America); ± monograph.

Prinifoliae group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 56.

Complete; E. Asia; delineated; ± monograph.

Prinoides group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 53.

Complete; E. Asia, E. North America; delineated and indicated; ± monograph.

Prinos group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 53.

Complete; E. Asia and E. North America; delineated and indicated; ± monograph.

Pseudehretia group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 56.

Complete; Asia; delineated; ± monograph.

Pseudoaquifolium group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 56.

Complete; China and islands before the coast up to S. Japan; ? Carolines, Celebes; delineated; ± monograph.

Sideroxyloides group—Sh.-Y. Hu, J. Jap. Bot. 42 (1967) 56.

Complete; C. & E. Asia; delineated; ± monograph.

I. asprella (HOOK. & ARN.) CHAMP. ex BENTH.—Sh.-Y. Hu, Tsing Hua, J. Chin. Studies, spec. n. 1 Nat. Sci. (1959) 179.

Complete; E. Asia, N. Luzon; delineated; partial revision.

ARACEAE

Araceae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 8ob.
± Complete; in the whole world, exc. in the driest parts; delineated; occasional.

Acorus calamus L.—E. Hultén, Flora of Alaska (1968) 280.

Partial; Northern hemisphere; occurrence in Philippine Is, E. Indies, Java, mentioned on the map; delineated and locality in Alaska indicated; occasional.

A. gramineus SOL.—M. Hotta, Nature Study 14 (1968) 156.

Partial; Japan; localities indicated; partial revision.

Aglaonema commutatum SCHOTT—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 21.

Complete; Malesia; Luzon, Celebes; localities indicated; revision.

A. cordifolium ENGL.—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 21.

Complete; Mindanao; localities indicated; revision.

A. costatum N. E. BROWN—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 20.

Complete; SE. Asia, also incl. Langkawi Is; localities indicated; revision.

A. crispum (PITCHER & MANDA) NICOLSON—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 21.

Complete; Luzon; locality indicated; revision.

A. densinervium ENGL.—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 21.

Complete; Malesia; Luzon, Celebes; localities indicated; revision.

A. marantifolium BL.—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 20.

Complete; E. Malesia: Moluccas through New Guinea, Tenimber & Aru Is; localities indicated; revision.

A. nebulosum N. E. BROWN—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 21.

Complete; islands off the E. coast of Sumatra, Malaya, Anambas Is, Borneo; localities indicated; revision.

A. nitidum (JACK) KUNTH—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 20.

Complete; S. Burma, Malaya, Sumatra, Borneo; delineated; revision.

A. philippinense ENGL.—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 21.

Complete; Philippines, Celebes, Moluccas; localities indicated; revision.

A. pictum (ROXB.) KUNTH—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 21.

Complete; Sumatra and Nias I.; localities indicated; revision.

A. rotundum N. E. BROWN—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 21.

Complete; N. Sumatra; localities indicated; revision.

A. simplex BL.—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 20.

Complete; S. Burma to the W. Moluccas, also incl. part of the Philippines; delineated.

A. stenophyllum MERR.—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 21.

Complete; Luzon to Mindanao; localities indicated; revision.

A. vittatum RIDL. ex ENGL.—D. H. Nicolson, Smiths. Contr. Bot. 1 (1969) 21.

Complete; Sumatra, Lingga Arch.; localities indicated; revision.

Alocasia macrorrhiza (L.) SCOTT—Y. Horikawa, Atlas Jap. Flora (1972) map 424.

Partial; S. Japan to Taiwan; localities indicated; literature + herb.

Arisaema MARTIUS—M. Hotta, Nature Study 16, no. 6 (1969) 5.

Complete; Old & New World, incl. S. & E. Asia, Malesia (not E. of Celebes), NE. and C. America; delineated; occasional.

Colocasia esculenta (L.) SCHOTT—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 785.

Partial; Galapagos Is (introd.); locality indicated; partial revision.

Cryptocoryne FISCH. ex WYDLER—M. Hotta, Nature Study 16, no. 6 (1969) 5.

Complete; from India through SE. Asia to Malesia (as far as W. New Guinea); delineated; occasional.

H. C. D. de Wit, Aquariumplanten, ed. 2 (1966) 123.

Complete; SE. Asia, Indo-Malesia (not in the Lesser Sunda Is and E. New Guinea); delineated; ± monograph.

H. C. D. de Wit, Aquarienpflanzen, Stuttgart (1971) 116.

Complete; from India through SE. Asia to E. Java and the eastern half of New Guinea; delineated; ± monograph.

Lysichitum SCHOTT (*Lysichiton* SCHOTT)—M. Hotta, Nature Study 15, no. 6 (1969) 80, 83.

Complete; E. Asia and Japan, Alaska and W. North America; shaded; partial revision.

J. Dupay, Revue Horticole no. 2, 280 (1967) 1394.

Complete; N. Pacific (Japan to California); localities indicated; occasional (2 spp.).

L. camchatsense (L.) SCHOTT—Y. Horikawa, Atlas Jap. Flora (1972) map 426.

Partial; Kamchatka to Japan; localities indicated; literature + herb.

Spathiphyllum SCHOTT—M. M. J. v. Balgooy, Blumea Suppl. 6 (1971) 62.

Complete; New & Old World, E. Malesia to Solomons; delineated; after Pac. Pl. Ar. 2, map 36.

Symplocarpus SALISB.—M. Hotta, Nature Study 15, no. 6 (1969) 80.

Complete; E. Asia and Japan, E. North America; shaded; partial revision.

Typhonium SCHOTT—M. Hotta, Nature Study 16, no. 6 (1969) 5.

Complete; S. & E. Asia (not N. of Kyushu), Malesia and NE. Australia; delineated; occasional.

ARALIACEAE

Araliaceae (the 4 tribes indicated separately)—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 390.

Complete; New & Old World, also incl. Malesia & Pacific; delineated and shaded; approx. species density; occasional.

tribe **Mackinlayineae**—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 390.

Complete; Centr. Malesia, E. Australia, Pacific (Melanesia); delineated; species density; partial revision.

tribe **Myodocarpineae**—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 390.

Complete; New Guinea, E. Australia, Pacific (Melanesia); delineated; species density; occasional.

tribe *Panacineae*—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 390.

Complete; New & Old World, E. Asia, NE. America; delineated; species density; partial revision.

tribe *Schefflerineae*—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 390.

Complete; New & Old World, also incl. Indo-Malesia, E. Australia, New Zealand, Pacific; delineated; species density; partial revision.

Echinopanax horridum (Sm.) DECNE & PLANCH.—E. Hultén, Flora of Alaska (1968) 696.

Complete; Old & New World, Japan, W. North America; delineated and localities partly indicated; partial revision.

Fatsia and **Boninofatsia**—F. Maekawa, J. Fac. Sc. Univ. Tokyo 9 (1965) 184.

Complete; E. China, S. Japan, Bonin Is.; shaded; occasional.

Gastonia COMM. ex LAMK.—W. R. Philipson, Blumea 18 (1970) 492.

Partial; Malesia (from Mal. Pen. to the Solomons); delineated and localities indicated; partial revision.

G. papuana MiQ.—W. R. Philipson, Blumea 18 (1970) 492.

Complete; from the Mal. Pen. through Indonesia and New Guinea to the Solomons; localities indicated; partial revision.

G. spectabilis (HARMS) PHILIPSON—W. R. Philipson, Blumea 18 (1970) 492.

Complete; New Guinea to Bismarck Archipelago and Solomons; delineated; partial revision.

Harmsiopanax WARB.—W. R. Philipson, Blumea 21 (1973) 83.

Complete; Malesia, area of each of the 3 spp. indicated; delineated; monograph.

H. aculeatus (Bl.) BOERL.—W. R. Philipson, Blumea 21 (1973) 83.

Complete; Java, Lesser Sunda Is., Celebes; delineated; monograph.

H. harmsii SCHUM. & LAUT.—W. R. Philipson, Blumea 21 (1973) 83.

Complete; New Guinea; delineated; monograph.

H. ingens PHILIPSON—W. R. Philipson, Blumea 21 (1973) 83.

Complete; New Guinea; delineated; monograph.

Oplopanax (TORR. & GRAY) MiQ.—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 377.

Complete; Old & New World: Korea, Japan, Pacific N. America; shaded; after Fernald and Hultén.

Oreopanax DON & PLANCH.—F. Maekawa, J. Fac. Sci. Univ. Tokyo III, 9 (1965) 184.

Complete; Old World, E. Asia (incl. Taiwan and S. Japan); shaded; occasional.

Panax pseudoginseng WALL.—G. Klotz, Wissenschaftl. Zeitschr. M. Luther Univ. Halle 7 (1966) map. 34.

Complete; Himalaya, China, Celebes (? certainly wrong); localities indicated; after Kanai 1963.

Pseudopanax arboreum (MURR.) PHILIPSON—P. Wardle, N. Zeal. J. Bot. 6 (1968) 234,

235.

Complete; New Zealand; localities indicated; partial revision.

P. colensoi (HOOK. f.) PHILIPSON (and vars.)—P. Wardle, N. Zeal. J. Bot. 6 (1968) 234,
235.

Complete; New Zealand; delineated and localities indicated; partial revision.

P. macintyreai (CHEESEM.) WARDLE—P. Wardle, N. Zeal. J. Bot. 6 (1968) 235.

Complete; New Zealand; localities indicated; partial revision.

Schefflera octophylla (LOUR.) HARMS—Y. Horikawa, Atlas Jap. Flora (1972) map 254.

Partial; S. Japan to Taiwan; localities indicated; literature + herb.

ARAUCARIACEAE see Coniferae

ARISTOLOCHIACEAE

Asarum L.—F. Maekawa, J. Fac. Sci. Univ. Tokyo III, 9 (1965) 186.

Complete; Old & New World, also incl. E. Asia (Japan, Taiwan); hatched; occasional.

ASCLEPIADACEAE

Asclepias curassavica L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 271.

Partial; Galapagos Is (introd. ?); localities indicated; partial revision.

Ceropegia L.—H. Huber, Memor. Soc. Brot. 12 (1957) t. 14—15.

Complete; Old World, (Africa through Asia to East Malesia), N. Australia; distribution of sections and species density; monograph.

H. Meusel in Gersch, Vortr. mod. Probl. Abst. Lehre 1 (1965) 122.

Complete; Old World, also incl. Indo-Malesia (excl. Sumatra), N. Australia; sections (by capitals); occasional.

Sarcostemma angustissima (ANDERSS.) HOLM—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 274.

Complete; Galapagos Is; localities indicated; partial revision.

ATHEROSPERMATACEAE see Monimiaceae

AVICENNIACEAE see Verbenaceae

BALANOPHORACEAE

Balanophora J. R. & G. FORSTER (subgenera)—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 156.

Complete; Africa, Asia, Malesia, NE. Australia, Pacific; after Farron.

Balanophora—M. M. J. van Balgooy & B. Hansen, Pac. Pl. Ar. 3 (1975) map 208.

Complete; Old World, Africa to SE. Polynesia; delineated and localities indicated; species density; monograph.

- Balanophora** subg. **Balania** (TIEGH.) VAL.—C. Farron, Adansonia 9 (1969) 110.
Complete; E. Asia, Taiwan, Japan; localities indicated; literature.
- B. Hansen, Dansk Bot. Ark. 28 (1972) 75.
Complete; Asia to Japan; delineated; monograph.
- subg. **Balanella** (TIEGH.) VAL. sect. **Dibalaniella** TIEGH.—C. Farron, Adansonia 9 (1969) 110.
Complete; E. Asia and Taiwan, Malesia to E. New Guinea, Carolines; localities indicated; literature.
- sect. **Eubalaniella** TIEGH.—C. Farron, Adansonia 9 (1969) 110.
Complete; Africa and islands E. of it, Malaya, Java, Cocos Is., Celebes; localities indicated; literature.
- subg. **Balanophora** sect. **Alopecosathe** B. HANSEN—B. Hansen, Dansk Bot. Ark. 28 (1972) 74.
Complete; Malaya, Borneo; delineated; monograph.
- sect. **Balanophora**—B. Hansen, Dansk Bot. Ark. 28 (1972) 74.
Complete; India through SE. Asia and Malesia to NE. Australia and Pacific; delineated; monograph.
- sect. **Dibalaniella** TIEGH.—B. Hansen, Dansk Bot. Ark. 28 (1972) 75.
Complete; Malesia; delineated; monograph.
- sect. **Polyplethia** (GRIFF.) B. HANSEN—B. Hansen, Dansk Bot. Ark. 28 (1972) 76.
Complete; Africa to Rarotonga; delineated; monograph.
- subg. **Balanophorotypus** ENGL.—C. Farron, Adansonia 9 (1969) 110.
Complete; from India and Ceylon to SE. Asia, N. Philippines, W. Pacific; localities indicated; literature.
- subg. **Polyplethia** GRIFF.—C. Farron, Adansonia 9 (1969) 110.
Complete; S. China, ? Pacific; localities indicated; literature.
- Balanophora abbreviata** BL.—B. Hansen, Dansk Bot. Ark. 28 (1972) 76.
Complete; Old World, also incl. SE. Asia, Malesia (not Borneo), Tahiti; localities indicated; monograph.
- B. dioica** R. Br. ex ROYLE—B. Hansen, Dansk. Bot. Ark. 28 (1972) 73.
Complete; Nepal, Khasia; localities indicated; monograph.
- B. elongata** BL.—B. Hansen, Dansk Bot. Ark. 28 (1972) 73.
Complete; Sumatra, Java; localities indicated; monograph.
- B. fungosa** J. R. & G. FORST. ssp. **fungosa**—B. Hansen, Dansk Bot. Ark. 28 (1972) 72.
Complete; Celebes, New Guinea, NE. Australia, W. & SW. Pacific; localities indicated; monograph.
- ssp. **indica** (ARN.) B. HANSEN—B. Hansen, Dansk Bot. Ark. 28 (1972) 72.
Complete; India and Ceylon to SE. Asia, Malaya, Sumatra, W. Java, N. Australia, W. Pacific; localities indicated; monograph.
- B. harlandii** HOOK. f.—B. Hansen, Dansk Bot. Ark. 28 (1972) 77.
Complete; Assam, China, Thailand, Taiwan; localities indicated; monograph.

- B. latisepala** (TIEGH.) LEC.—B. Hansen, Dansk Bot. Ark. 28 (1972) 75.
Complete; Indo-China, Malaya, Sumatra, Borneo; localities indicated; monograph.
- B. lowii** HOOK. f.—B. Hansen, Dansk Bot. Ark. 28 (1972) 73.
Complete; Borneo; localities indicated; monograph.
- B. papuana** SCHLTR.—B. Hansen, Dansk Bot. Ark. 28 (1972) 74.
Complete; Malesia (not in Java and Lesser Sunda Is); localities indicated; monograph.
- B. reflexa** BECC.—B. Hansen, Dansk Bot. Ark. 28 (1972) 73.
Complete; Malaya, Borneo; localities indicated; monograph.
- B. wilderi** SETCH.—B. Hansen, Dansk Bot. Ark. 28 (1972) 73.
Complete; Rarotonga; locality indicated; monograph.
- Exorhopala ruficeps** (RIDL.) STEEN.—B. Hansen, Bot. Tidsskr. 67 (1972) 147.
Complete; Malaya; localities indicated; occasional.
- Mitrasemmon yamamotoi** MAKINO—B. Hansen, Bot. Tidsskr. 67 (1972) 150.
Complete; Thailand, Indo-China, islands off Asia, Sumatra, Borneo, New Guinea; localities indicated; occasional.
- Rhopalocnemis phalloides** JUNCH.—B. Hansen, Bot. Tidsskr. 67 (1972) 147.
Complete; Himalaya to Buru (Moluccas); localities indicated; occasional.
- Sapria himalayana** GRIFF.—B. Hansen, Bot. Tidsskr. 67 (1972) 148.
Complete; Himalaya to Pen. Thailand and Indo-China; localities indicated; occasional.

BAMBUSACEAE see Gramineae

BASELLACEAE

- Anredera ramosa** (MOQ.) ELIAS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 207.
Partial; Galapagos Is; localities indicated; partial revision.

BATIDACEAE

- Batis argillicola** VAN ROYEN—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 149.
Complete; N. Australia, New Guinea; localities indicated; literature + herb.
- B. maritima** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 207.
Partial; Galapagos Is; localities indicated; partial revision.

BERBERIDACEAE

- Berberidaceae**—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965), Karten, 170c.
Complete; Old & New World, also incl. SE. Asia, Mal. Pen., Sumatra, Java, Philippines, S. America; delineated and shaded; species density; occasional.

- Berberis** L.—R. Good, Geogr. Fl. Pl. ed. 3 (1964) 81.
Complete; New & Old World, also incl. Philippines and Sumatra; delineated; occasional.
- Caulophyllum robustum** MAXIM.—S. Kawano & M. Ihara, J. Jap. Bot. 42 (1967) 134.
Complete; E. Asia, also incl. Japan; delineated and shaded; chrom. morph.
- C. thalictroides** (L.) MICHX.—S. Kawano & M. Ihara, J. Jap. Bot. 42 (1967) 134.
Complete; E. North America; delineated and shaded; chrom. morph.
- Epimedium** L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen...
(Inaug. Diss. München, 1944, Typescript) map 58.
Complete; New & Old World, also incl. E. Asia, Japan, Taiwan, and W. coast N. America; delineated; occasional.

BETULACEAE see also Cupuliferae

- Alnus** B. EHRH.—G. Krüssmann, Handb. d. Laubgehölze (1960) 146.
Complete; N. hemisphere, but S. to Peru; delineated; occasional.
- Carpinus** L.—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 381.
Complete; Old & New World, N. hemisphere; shaded; after Meusel et al.

BIGNONIACEAE

- Non American Bignoniaceae cultivated in New Zealand, incl. **Pandorea pandorana** (E. Malesia, Australia), **Tecomanthe dendrophila** (New Guinea), **T. speciosa** (3 Kings, N.Z.).—W. R. Sykes, New Zeal. D.S.I.R. information series 54 (1966) 10.
Complete; delineated; occasional.
- Catalpa** Juss.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen...
(Inaug. Diss. München, 1944, Typescript) map 44.
Complete; New & Old World, incl. E. Asia and Japan, SE. U.S.A.; delineated; occasional.

BIXACEAE

- Bixa orellana** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 521.
Partial; Galapagos Is (introd.); localities indicated; partial revision.

BOMBACACEAE

- tribe **Adansonieae**—D. I. Axelrod, Bot. Rev. 36 (1970) 298.
Incorrect; pantropical, also S. Indonesia and NW. Australia (according to the text also from India to New Guinea); delineated; occasional.
- tribe **Duriomeae**—D. I. Axelrod, Bot. Rev. 36 (1970) 298.
Complete; Old World, from S. India and SE. Asia through Malesia, N. Australia and New Guinea with Bismarck Arch.; delineated; occasional.

Bombax L. s.l.—A. Robijns, Bull. Jard. Bot. Brux. 33 (1963) 23.

Complete; tropics of the Old World, also incl. Indo-Malesia (as far as W. New Guinea), NW. Australia; delineated; monograph.

Campstostemon MAST.—J. Muller, Trans. 2nd Aberdeen-Hull Symp. (ed. Ashton), Univ. Hull Misc. ser. 13 (1972) f. 5.

Partial; E. Malesia (also SE. Borneo); localities (also fossil) indicated; occasional.

Ceiba pentandra (L.) GAERTN.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 521.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Ochroma pyramidalis (CAV. ex LAMK.) URBAN—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 528.

Partial; Galapagos Is; localities indicated; partial revision.

BORAGINACEAE

Coldenia darwinii (HOOK. f.) A. GRAY—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 274.

Complete; Galapagos Is; localities indicated; partial revision.

C. fusca (HOOK. f.) A. GRAY—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 280.

Complete; Galapagos Is; localities indicated; partial revision.

C. galapagoa HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 280.

Complete; Galapagos Is; localities indicated; partial revision.

C. nesiotica HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 280.

Complete; Galapagos Is; localities indicated; partial revision.

Cordia anderssonii (KUNTZE) GÜRKE—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 280.

Complete; Galapagos Is; localities indicated; partial revision.

C. leucophlyctis HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 286.

Complete; Galapagos Is; localities indicated; partial revision.

C. lutea LAMK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 286.

Partial; Galapagos Is; localities indicated; partial revision.

C. revoluta HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 286.

Complete; Galapagos Is; localities indicated; partial revision.

C. scouleri HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 286.

Complete; Galapagos Is; localities indicated; partial revision.

Ehretia microphylla LAMK.—Y. Horikawa, Atlas Jap. Flora (1972) map 330.

Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.

Heliotropium anderssonii ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 289.

Complete; Galapagos Is; localities indicated; partial revision.

- H. angiospermum MURR.**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 289.
Partial; Galapagos Is; localities indicated; partial revision.
- H. curassavicum L. var. curassavicum**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 289.
Partial; Galapagos Is; localities indicated; partial revision.
- H. indicum L.**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 293.
Partial; Galapagos Is; localities indicated; partial revision.
- H. rufipilum (BTH.) JOHNST. var. anadenum JOHNST.**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 293.
Partial; Galapagos Is; localities indicated; partial revision.
- Lithospermum zollingeri A. DC.**—H. Hara (ed.), Distr. Maps Fl. Pl. I (1958) map 49.
Partial; Japan; localities indicated; Herb. mat. & literature.
- Messerschmidia argentea (L. f.) JOHNST.**—F. Horikawa, Hikobia 5 (1967) 6.
Partial; Taiwan, Ryu Kyu, Bonin; localities indicated; occasional.
- Y. Horikawa, Atlas Jap. Flora (1972) map 331.
Partial; Ryu Kyu, Taiwan, Bonin; localities indicated; literature + herb.
- Myosotis tenericaulis PETRIE**—J. Burrows, Tuatara 13 (1965) 15.
Complete; New Zealand; localities indicated; occasional.
- Rotula LOUR.**—Sh.-Y. Hu & H.-W. Li, Rep. Bot. Div. Trop. and subtrop. Yunnan n.l. (1965, Scient. Publ. Co) viii.
± Complete; Old & New World, also incl. Indo-Malesia (not E. of Celebes and Philippines); delineated; occasional.
- Tetrachondra hamiltoni PETRIE ex OLIV.**—J. Burrows, Tuatara 13 (1965) 13.
Complete; New Zealand; localities indicated; occasional.
- Tournefortia psilostachya HBK**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 293.
Partial; Galapagos Is; localities indicated; partial revision.
- T. pubescens HOOK. f.**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 297.
Complete; localities indicated; partial revision.
- T. rufo-sericea HOOK. f.**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 297.
Complete; Galapagos Is; localities indicated; partial revision.

BROMELIACEAE

- Bromeliaceae**—R. Schnell, Introd. Phytogéogr. Pays trop. I (1970) 90.
Complete; tropics New World (incl. Galapagos and Juan Fernandez), W. Africa; shaded and localities indicated; after Hepper 1965, modified.
- Tillandsia insularis MEZ (2 vars.)**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 785.
Complete; Galapagos Is; localities indicated; partial revision.

BUDDLEJACEAE see Loganiaceae

BURSERACEAE

Burseraceae—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München, 1944, Typescript) map 31.

Complete; New & Old World tropics, also incl. Indo-Malesia, N. Australia, W. Pacific; delineated; after Suessenguth in Vester.

Bursera graveolens (HBK) TRIAN. & PLANCH.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 528.

Partial; Galapagos Is; localities indicated; partial revision.

B. malacophylla ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 528.

Complete; Galapagos Is; localities indicated; partial revision.

Canarium australianum F. v. M.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 150.

Complete; N. Australia, New Guinea; localities indicated; literature + herb.

C. harveyi SEEM.—T. C. Whitmore, Philos. Trans. R. Soc. Lond. ser. B 255 (1969) 554.

Complete; Solomons, Fiji, Samoa; delineated; occasional.

Garuga pinnata Roxb.—G. Klotz, Wissenschaft. Zeitschr. M. Luther Univ. Halle 7 (1966) map 2.

Complete; India to Malaya; localities indicated; after Kalkman 1953.

Protium macgregorii (F. M. BAIL.) LEENH.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 151.

Complete; New Guinea; localities indicated; literature + herb.

BUTOMACEAE

Butomaceae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora 1965, Karten, 29c.

Incomplete: New & Old World, incl. Java, Madura, Talaud, N. Australia; delineated, shaded and localities indicated; occasional.

BUXACEAE

Buxus L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München, 1944, Typescript) map 11.

Complete; New & Old World, also incl. E. Asia, Taiwan and Japan; delineated; after Pax.

R. Scharfetter, Biogr. Pflanzensippen (1953) 107.

Complete; delineated; after Meusel 1943.

G. Krüssmann, Handb. d. Laubgehölze 1 (1960) 250.

Incomplete; E. Asia; Centr. America, W. Indies and Malesia not indicated; shaded; occasional.

C. G. G. J. van Steenis, Proc. R. Soc. B 161 (1964) 10.

Partial; SE. Asia, Malaya, N. Borneo, Philippines; delineated and localities indicated; occasional.

Pachysandra MICHX. (under L. C. RICH.)—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 141.

Complete; SE. U.S.A., E. Asia (incl. Japan); delineated; occasional.

Pachysandra MICHX.—A. Graham (ed.), Florist. & Paleoflorist. Asia & E. North America (1972) 184.

Complete; SE. U. S. A., E. Asia, Japan; hatched and fossil localities indicated; occasional.

Sarcococca LINDL.—A. Graham (ed.), Florist. & Palaeoflorist. Asia & E. North America (1972) 184.

Complete; Himalaya, SE. Asia (also incl. Sumatra, Malaya, Philippines), Japan; shaded & fossil localities indicated; literature and unpubl. data.

CACTACEAE

Cactaceae—R. F. Thorne, Trop. For. Ecosyst. in Afr. & S. Amer. (1973) 28, f. 1.

Complete; Old & New World; shaded; occasional.

Brachycereus nesioticus (K. SCH.) BACKBG.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 536.

Complete; Galapagos Is; localities indicated; partial revision.

Jasminocereus thouarsii (WEBER) BACKBG.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 536.

Complete; Galapagos Is; localities indicated; partial revision.

Opuntia echios HOWELL (5 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 539.

Complete; Galapagos Is; localities indicated; partial revision.

O. galapageia HENSL. (3 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 542.

Complete; Galapagos Is; localities indicated; partial revision.

O. helleri K. SCH.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 542.

Complete; Galapagos Is; localities indicated; partial revision.

O. insularis STEW.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 542.

Complete; Galapagos Is; localities indicated; partial revision.

O. megasperma HOWELL (3 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 545.

Complete; Galapagos Is; localities indicated; partial revision.

O. saxicola HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 545.

Complete; Galapagos Is; localities indicated; partial revision.

CALLITRICHACEAE

Callitricha antarctica ENGELM. ex. HEGELM.—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. no. 3 (1963) map 10.

Complete; S. hemisphere, also in Tasmania and S. America, Subantarctic Is; delineated; occasional.

CALYCANTHACEAE

Calycanthus L. (New World), **Chimonanthus** LINDL. (Old World)—K. A. Nicely,
Castanea 30 (1965) 70, 72, 77.

Complete; localities of each sp. indicated; monograph.

Calycanthus L., **Chimonanthus** LINDL.—C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972)
109.

Complete; Old & New World, China, N. America; shaded; after Nicely.

CAMPANULACEAE

Heterocodon NUTT.—G. L. Stebbins, Proc. 6th Pac. Sci. Congr. 3 (1940) 655.
Complete; New & Old World, West N. America and Yunnan; shaded; occasional.

Lobelia xalapensis HBK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 297.
Partial; Galapagos Is; localities indicated; partial revision.

Peracarpa carnosa (WALL.) HOOK. f.—H. Kanai, J. Fac. Sc. Univ. Tokyo 8 (1963) 324.
Partial; Asia, Japan; localities indicated; occasional.

P. carnosa (3 vars.)—H. Hara, Flora East. Himalaya (1966) 654.

Nearly complete; Himalaya, China, Japan etc., Taiwan to the Philippines (partly indicated); delineated; occasional.

CANNACEAE

Canna lambertii LINDL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 793.
Partial; Galapagos Is; localities indicated; partial revision.

C. lutea MILL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 793.
Partial; Galapagos Is (introd.); localities indicated; partial revision.

CAPPARIDACEAE

Capparis callophylla BL.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 86.

Complete; S. Sumatra, Java, Celebes, N. Borneo, Philippines; delineated; after Fl. Mal.

C. canescens DC.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 150.

Complete; Queensland, New Guinea (Darnley I); localities indicated; literature + herb.

C. cantoniensis LOUR.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 94.

Complete; India, Andamans, E. Asia, Sumatra, Java, Celebes, Philippines, Moluccas; delineated; after Fl. Mal.

C. cordifolia LAMK.—H. St. John, Micronesia 2 (1965) 26.

Complete; Micronesia, Melanesia, SE. Polynesia as far east as Pitcairn; localities indicated; partial revision.

- C. falcata** (LOUR.) DC. (*C. religiosa* FORST.)—Y. Horikawa, *Atlas Jap. Flora* (1972) map 102.
 Partial; S. Japan to Taiwan; localities indicated; literature + herb.
- C. floribunda** WIGHT—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 5 (1969) 86.
 Complete; India & Ceylon to SE. Asia (not in Sumatra, Borneo, Celebes); delineated and some localities indicated; after *Fl. Mal.*
- C. lanceolaris** DC.—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 5 (1969) 94.
 Complete; E. Malesia, also incl. Bismarck Arch.; delineated; after *Fl. Mal.*
- C. longestipitata** HEINE—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 5 (1969) 86.
 Complete; Indo-China, N. Borneo; localities indicated; after *Fl. Mal.*
- C. micrantha** DC. (and spp.)—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 5 (1969) 94.
 Complete; SE. Asia, Taiwan, part of Malesia; delineated; after *Fl. Mal.*
- C. nummularia** DC.—H. St. John, *Micronesia* 2 (1965) 26.
 Complete; Australia (also incl. Great Barrier Reef); localities indicated; partial revision.
- C. pubiflora** DC.—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 5 (1969) 86.
 Complete; SE. Asia, Sumatra, from Java and NE. Borneo eastwards to W. New Guinea; delineated; after *Fl. Mal.*
- C. pyrifolia** LAMK.—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 5 (1969) 86.
 Complete; Thailand, Indo-China, Java, Lesser Sunda Is; delineated; after *Fl. Mal.*
- C. sandwichiana** DC.—H. St. John, *Micronesia* 2 (1965) 26.
 Complete; Midway to Hawaii; localities indicated; partial revision.
- C. sandwichiana** var. *sandwichiana*—H. St. John, *Micronesia* 2 (1965) 37.
 Complete; Hawaii; localities indicated; partial revision.
- var. *zoharyi* DEGENER—H. St. John, *Micronesia* 2 (1965) 37.
 Complete; localities indicated; partial revision.
- C. sepiaria** L.—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 5 (1969) 86.
 Partial; S. Asia, E. Malesia, N. Australia; delineated; after *Fl. Mal.*
- C. subcordata** SPAN.—H. St. John, *Micronesia* 2 (1965) 26.
 Complete; Timor; locality indicated; partial revision.
- Cleome viscosa** L.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 547.
 Partial; Galapagos Is; localities indicated; partial revision.
- Crateva** L.—M. Jacobs, *Blumea* 12 (1964) 185.
 Partial; Old World, also incl. S. & E. Asia, Indonesia, W. & S. Pacific (not New Caledonia); delineated; partial revision.
- C. adansonii** DC. (+ 5 spp)—M. Jacobs, *Blumea* 12 (1964) 185.
 Complete; Old World, also incl. SE. Asia, Java and Lesser Sunda Is, Philippines; delineated; partial revision.
- C. nurvala** BUCH.-HAM.—M. Jacobs, *Blumea* 12 (1964) 185.
 Complete; S. Asia, W. and Centr. Malesia (not E. of Java and Celebes); delineated; partial revision.

C. religiosa FORST. f.—M. Jacobs, Blumea 12 (1964) 185.

Complete; Indo-Malesia (not in the Philippines), W. and S. Pacific (not New Caledonia); delineated; partial revision.

H. Hara, Flora East. Himalaya (1966) 37.

Complete; delineated; after Pac. Pl. Ar.

CAPRIFOLIACEAE

Lonicera L. (2 spp.)—R. Scharfetter, Biogr. Pflanzensippen (1953) 371.

Partial (Europe and Mediterranean); delineated; after Meusel 1943.

Sambucus L. (2 spp.)—F. Graf Schwerin, Mitt. Deutsch. Dendr. Ges. (1920) 206.

Partial; Europe, Centr. & E. Asia; delineated; partial revision.

Sambucus L.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 13.

Complete; New & Old World, also incl. SE. Asia, Malesia (excl. Mal. Pen.), E. Australia, Tasmania; delineated; literature.

R. Scharfetter, Biogr. Pflanzensippen (1953) 361.

Partial (European & American spp.); delineated; after F. Graf Schwerin 1909, 1920.

G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 458.

Complete; New & Old World, also incl. Indo-Malesia, E. Australia; shaded; occasional.

Viburnum L.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 13.

Partial; tropics and S. hemisphere (not found in Africa), also incl. S. & SE. Asia, Malesia (not in New Guinea); delineated; literature.

CARDIOPTERIDACEAE

Cardiopteris moluccana Bl.—H. Sleumer, Fl. Mal. I, 7 (1971) 95.

Complete; Malesia (E. and NE. of Borneo), New Britain; delineated; partial revision.

C. quinqueloba (HASSK.) HASSK.—H. Sleumer, Fl. Mal. I, 7 (1971) 95.

Complete; SE. Asia, Malesia; delineated; partial revision.

CARYOPHYLLACEAE

Colobanthus BARTL.—R. Good, Geogr. Fl. Pl. 3rd ed. (1964) 115.

Complete; S. hemisphere; S. America, S. Australia & Tasmania, New Zealand; delineated; occasional.

N.M. Wace, 'Vascular Plants' in Van Oye & Van Mieghem, Biogeogr. & Ecol. in Antarctica, Monogr. Biol. 15 (1965) 219.

Complete; Subantarctic S. America, Graham Land, Subantarctic Is, SE. Australia, New Zealand; delineated and shaded; species density; occasional.

D. M. Moore in Valentine (ed.) Taxon. Phytogeogr. & Ecol. (1972) 126.

Complete; S. Australia & Tasmania, New Zealand to S. America, Antarctic, and Mexico; delineated; species density; occasional.

- C. crassifolius** (D'URV.) HOOK. f.—C. Skottsberg, Bot. Tidsskr. 51 (1954) 333.
Partial; Antarctica (Graham Land region); localities indicated; occasional.
- Drymaria cordata** (L.) WILLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 547.
Partial; Galapagos Is; localities indicated; partial revision.
- D. monticola** HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 547.
Partial; Galapagos Is; locality indicated; partial revision.
- D. rotundifolia** A. GRAY—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 547.
Partial; Galapagos Is; localities indicated; partial revision.
- Spergularia** (PERS.) J. et C. PRESL—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965), Karten, 151b.
Complete; Old & New World, also incl. Indonesia (synanthrop.), S. Australia, Tasmania, New Zealand, S. America, Juan Fernandez Is; delineated, shaded and species density; occasional.
- Stellaria alsine** GRIMM—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965), Karten, 144a.
Complete; Old & New World, also incl. SE. Asia, W. Malesia (Sumatra, Mal. Pen., Java); delineated and shaded; occasional.
- S. media** (L.) VILL.—E. Hultén, Flora of Alaska (1968) 412.
Partial; N. hemisphere; introductions into S. India, Australia, New Zealand, S. America etc. mentioned on the map; delineated and localities in Alaska indicated; occasional.

CELASTRACEAE

- Celastrus** L.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 9.
Partial; tropics only (not present in mainland Africa), also incl. S. & SE. Asia, Malesia, NE. Australia, W. Pacific to Fiji; delineated; literature.
- R. Good, Geogr. Fl. Pl. ed. 3 (1964) 93.
Partial; tropics New & Old World, also incl. SE. Asia, Malesia, NE. Australia, SW. Pacific; delineated; after Bader.
- Euonymus** L.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 197.
Partial; tropics New & Old World (not Africa), also incl. Madagascar and S. & SE. Asia, Malesia, NE. Australia; shaded, species density; literature.
- R. Good, Geogr. Fl. Pl. ed. 3 (1964) 93.
Partial; tropics, New & Old World, also incl. SE. Asia, Malesia, NE. Australia; delineated; after Bader.
- E. japonicus** THUNB.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 86.
Complete; E. Asia, Japan, Luzon, Sumatra, Java, Lesser Sunda Is, Celebes; delineated; after Fl. Mal.
- Loeseneriella macrantha** (KORTH.) A. C. SMITH—Ding Hou, Fl. Mal. I, 6 (1964) 398.
Complete; Ceylon, Malesia (not in the Philippines), New Guinea, Bismarck Arch., Solomons, New Hebrides; localities indicated; partial revision.

L. Croizat, Proc. Symp. Recent Adv. Trop. Ecol. 2 (1968) 564.
Complete; Ceylon, Malesia (excl. Philippines), New Guinea, Bismarck Arch., Solomons, New Hebrides; localities indicated; after Fl. Mal.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 98.
Complete; Ceylon to Penins. SE. Asia, Malesia, Solomons, New Hebrides; delineated; localities indicated; after Fl. Mal.

Maytenus octogona (L'HÉR.) DC.—**I. L. Wiggins & D. M. Porter**, Flora Galapagos Is (1971) 552.

Partial; Galapagos Is; localities indicated; partial revision.

Perrottetia HBK—**L. Croizat**, Trop. Ecol. 8 (1967) 48; Proc. Symp. Recent Adv. Trop. Ecol. 2 (1968) 579.

Complete; Old & New World; also incl. Mal. Pen., Indonesia, Philippines, Solomons, Hawaii; delineated; occasional.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 384.

Complete; Malesia, Queensland, Solomons, Hawaii, America; shaded; after Pac. Pl. Ar.

Salacia L.—**Ding Hou**, Fl. Mal. I, 6 (1964) 404.

Partial; Malesia; localities indicated; species density; partial revision.

S. chinensis L.—**Ding Hou**, Fl. Mal. I, 6 (1964) 419.

Complete; Indo-Malesia, Pacific (New Britain, Solomons, Fiji); localities indicated; partial revision.

S. korthalsiana MIQ.—**Ding Hou**, Fl. Mal. I, 6 (1964) 407.

Complete; Penins. Thailand, W., N. and Centr. Malesia; localities indicated; partial revision.

S. macrophylla BL.—**Ding Hou**, Fl. Mal. I, 6 (1964) 412.

Complete; India, Indo-Malesia (not E. of Celebes and Java, exc. in New Britain); localities indicated; partial revision.

L. Croizat, Proc. Symp. Recent Adv. Trop. Ecol. 2 (1968) 564.

Complete; India, Indo-Malesia (not E. of Celebes and Java, exc. in New Britain); localities indicated; after Fl. Mal.

Siphonodon celastrineus GRIFF.—**Ding Hou**, Fl. Mal. I, 6 (1964) 396.

Complete; Indo-Malesia; localities indicated; partial revision.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 94.

Complete; India to Indo-China, Penins. Thailand, Malesia; localities indicated; after Fl. Mal.

CENTROLEPIDACEAE

Hydatella inconspicua (CHEESEM.) CHEESEM.—**E. Edgar**, New Zeal. J. Bot. 4 (1966) 156.
Complete; New Zealand, N. Island; localities indicated; occasional.

Pseudalepypnum pallidum (HOOK. f.) DANDY—**J. Burrows**, Tuatara 13 (1965) 13.

Complete; New Zealand, Campbell Is; localities indicated; occasional.

CERATOPHYLLACEAE

Ceratophyllum demersum L.—E. Hultén, Flora of Alaska (1968) 451.

Partial; N. hemisphere; occurrence in the Philippine Is and Australia mentioned on the map; delineated and localities in Alaska indicated; occasional.

C. demersum L. (incl. vars.)—E. Hultén, The Circumpolar Plants II (Kungl. Sv. Vet.-Akad. Handl. IV, 13, n. 1, 1971) 116.

Partial; holarctic region; also incl. arrows to Malesia etc.; delineated and (also fossil) localities indicated; literature.

C. demersum L.—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 397.

Complete; Old & New World, incl. Malesia and Pacific; shaded and localities indicated; partly after Hultén.

CHENOPodiaceae

Atriplex peruviana Moq.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 212.

Partial; Galapagos Is; localities indicated; partial revision.

Chenopodium ambrosioides L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 212.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Ch. murale L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 212.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Salicornia fruticosa L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 212.

Partial; Galapagos Is; localities indicated; partial revision.

Salsola L. (3 sect.)—V. P. Botschantzev, Bot. J. U.S.S.R. 54 (1969) 994.

Incomplete; Old World from Africa to Europe and Centr. Asia; Malesia not taken into consideration; delineated; partial revision.

S. kali L. s.l.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965), Karten, 135c.

Partial; Europe and Asia, but also found in S. and E. Indonesia; delineated and shaded; occasional.

Suaeda FORSK. sect. **Heterosperma** ILJIN—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Text, 136.

Complete; New & Old World, also incl. Indo-Malesia, Australia, Tasmania, New Zealand, W. Pacific, S. America; delineated; after Iljin 1937.

S. maritima (L.) DUM.—E. Hultén, The Circumpolar Plants II (Kungl. Sv. Vet.-Akad. Handl. IV, 13, n. 1, 1971) 188.

Partial; holarctic region, other localities mentioned in text and on map; delineated and localities indicated; literature.

Tecticornia cinerea (F. v. M.) F. M. BAIL.—R. D. Hoogland, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 149.

Complete; N. Australia, New Guinea; localities indicated; literature + herb.

CHLORANTHACEAE

Chloranthus serratus (THUNB.) ROEM.—Y. Horikawa, Atlas Jap. Flora (1972) map 29.
Partial; Japan; localities indicated; literature + herb.

Sarcandra GARDN.—K. Suessenguth & J. Gall, Mitt. Bot. Staatssamm. München, Heft 8 (1953) 351.
Complete; SE. Asia, W. Malesia; delineated; occasional.

S. glabra (THUNB.) NAKAI—Y. Horikawa, Atlas Jap. Flora (1972) map 28.
Partial; Japan to Taiwan; localities indicated; literature + herb.

CHRYSOBALANACEAE see Rosaceae

CLETHRACEAE

Clethra L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München, 1944, Typescript) map 40.

Complete; New & Old World, incl. Centr. parts of Americas, E. Asia and Japan, Indo-Malesia (not E. of Java and Borneo), Pacific; delineated; mostly after Hutchinson.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 1 (1965) 63.

Partial; from Indo-Malesia (not New Guinea) to the New World and E. to Madeira; delineated; occasional.

H. Sleumer, Bot. Jahrb. 87 (1967) 50.

Complete; Old & New World, incl. Malesia, E. to New Guinea, not in Pacific proper; delineated; monograph.

H. Sleumer, Fl. Mal. I, 7 (1971) 142.

Partial; SE. Asia, Malesia; delineated; species density; partial revision.

D. Bramwell in Valentine (ed.) Taxon. Phytogeogr. & Evol. (1972) 147.

Complete; China, Japan, SE. Asia, Malesia, Centr. America, Macaronesia; localities indicated; occasional.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 381.

Complete; Old & New World, incl. Malesia; shaded; after Good.

Clethra L. (11 Chinese ssp.)—Sh.-Y. Hu, J. Arn. Arbor. 41 (1960) 175.

Partial; China, Taiwan, Japan; delineated and localities indicated; partial revision.

COCHLOSPERMACEAE

Cochlospermum KUNTH—R. N. Hepper, Webbia 19 (1965) 615.

Complete; Old & New World, also incl. S. Asia, N. Australia and E. New Guinea, Trop. Americas; delineated and shaded; Fl. Trop. W. Afr.

R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 95.

Complete; New & Old World; shaded; after Hepper.

COMBRETACEAE

- Combretum decandrum** ROXB. (*C. roxburghii* SPRENG.)—O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 35.
 Partial; Siam, Laos (N. former Indo-China); locality indicated; partial revision.
- C. goldianum** F. v. M.—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Partial; SE. New Guinea; localities indicated; partial revision.
- C. latifolium** BL.—O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 53.
 Partial; former Indo-China; localities indicated; partial revision.
- C. punctatum** BL. (2 spp.)—O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 53.
 Partial; S. former Indo-China; locality indicated; partial revision.
- C. sundaicum** MIQ.—O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 35.
 Partial; N. former Indo-China; locality indicated; partial revision.
- C. tetralophum** CLARKE—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Partial; New Guinea, New Britain, localities indicated; partial revision.
- O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 35.
 Partial; S. former Indo-China; localities indicated; partial revision.
- C. trifoliatum** VENT.—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Partial; New Guinea; localities indicated; partial revision.
- O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 35.
 Partial; former Indo-China; localities indicated; partial revision.
- Conocarpus erecta** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 552.
 Partial; Galapagos Is; localities indicated; partial revision.
- Laguncularia** GAERTN. f.—M. M. J. v. Balgooy, Blumea Suppl. 6 (1971) 72.
 Complete; W. Afr., America, incl. Galapagos Is; delineated; occasional.
- L. racemosa** (L.) GAERTN. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 552.
 Partial; Galapagos Is; localities indicated; partial revision.
- Lumnitzera littorea** (JACK) VOIGT—L. Croizat, Mem. Soc. Broter. 20 (1968) 264.
 Complete; Indo-Malesia, N. Australia, W. Pacific; delineated; Malesia after Fl. Mal.
- O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 15.
 Partial; former Indo-China; localities indicated; partial revision.
- M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Partial; coasts of W. & SE. New Guinea, Admiralty Is, New Britain, Solomons, Louisiades; localities indicated; partial revision.
- L. racemosa** WILLD.—L. Croizat, Mem. Soc. Broter. 20 (1968) 264.
 Complete; from E. Africa and Madagascar to Indo-Malesia, N. Australia, W. Pacific; delineated; Malesia after Fl. Mal.

- O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 15.
 Partial; former Indo-China; localities indicated; partial revision.
- M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Partial; coasts of S. & SE. New Guinea; localities indicated; partial revision.
- Y. Horikawa, Atlas Jap. Flora (1972) map 241.
 Partial; Ryu Kyu; localities indicated; literature + herb.
- Quisqualis indica* L. (3 vars.)—O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 27.
 Partial; S. former Indo-China; localities indicated; partial revision.
- Terminalia* spp.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 98.
 Complete; SE. Asia, Malesia; delineated; after Fl. Mal.
- Terminalia* 3 n. sp.—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Complete; New Guinea; localities indicated; partial revision.
- T. alata* HEYN ex ROXB.—O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 83.
 Partial; former Indo-China; localities indicated; partial revision.
- T. archboldiana* EXELL—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Complete; SE. New Guinea; localities indicated; partial revision.
- T. archipelagi* M. COODE—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Complete; Bismarck Arch.; localities indicated; partial revision.
- T. bellirica* (GAERTN.) ROXB.—G. Klotz, Wissensch. Zeitschr. M. Luther Univ. Halle 7 (1966) map 1.
 Complete; India to Moluccas; localities indicated; occasional.
- O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 67.
 Partial; former Indo-China; localities indicated; partial revision.
- T. brassii* EXELL—T. C. Whitmore, Philos. Trans. R. Soc. Lond. ser. B. 255 (1969) 554.
 Complete; New Britain, Solomons; delineated; occasional.
- M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Complete; New Guinea, Solomons; localities indicated; partial revision.
- T. calamansanai* (BLANCO) ROLFE—O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 67.
 Partial; former Indo-China; localities indicated; partial revision.
- M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Partial; SE. New Guinea, Bismarck Arch., Solomons; localities indicated; partial revision.
- T. canaliculata* EXELL—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
 Complete; Salawati I., New Guinea; localities indicated; partial revision.

- T. capitulata** EXELL—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
Complete; highlands of New Guinea; localities indicated; partial revision.
- T. catappa** L. f.—O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 67.
Partial; former Indo-China; localities indicated; partial revision.
- M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
Partial; from islands W. of New Guinea to the Solomons and Louisiades; localities indicated; partial revision.
- T. chebula** RETZ.—O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 83.
Partial; former Indo-China; localities indicated; partial revision.
- T. complanata** K. SCH.—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
Complete; New Guinea, Bismarck Arch., D'Entrecasteaux Is, Solomons, Woodlark I.; localities indicated; partial revision.
- T. copelandii** ELMER—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
Partial; New Guinea and some adjacent islands, Solomons; localities indicated; partial revision.
- T. crassifolia** EXELL—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
Complete; S. New Guinea; localities indicated; partial revision.
- T. creaghii** RIDL.—L. Croizat, Mem. Soc. Broter. 20 (1968) 264.
Complete; N. Borneo; delineated; after Fl. Mal.
- T. hypargyrea** LAUT. & SCHUM.—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
Complete; E. New Guinea (mostly Papua); localities indicated; partial revision.
- T. impedicatus** M. COODE—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
Complete; E. New Guinea; localities indicated; partial revision.
- T. kaernbachii** WARB.—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
? Incomplete; E. New Guinea, Solomons; localities indicated; partial revision.
- T. longespicata** SLOOT.—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
Complete; New Guinea; localities indicated; partial revision.
- T. macadamii** EXELL—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
Complete; E. New Guinea; localities indicated; partial revision.
- T. megalocarpa** EXELL—M. J. E. Coode, Manual Forest Trees Papua and New Guinea 1 (1969) unnumbered map.
Complete; E. New Guinea, Trobriand Is, Solomons; localities indicated; partial revision.

- T. microcarpa** DECNE—M. J. E. Coode, Manual Forest Trees Papua and New Guinea I (1969) unnumbered map.
Partial; New Guinea and Japen I.; localities indicated; partial revision.
- T. myriocarpa** HEURCK & MÜLL. ARG.—L. Croizat, Mem. Soc. Broter. 20 (1968) 264.
Partial; Himalaya, N. Sumatra; localities indicated; after Fl. Mal.
- O. Lecompte, Fl. Camb. Laos & Vietn. 10 (1969) 93.
Partial; N. Vietnam; locality indicated; partial revision.
- T. oreadum** DIELS—M. J. E. Coode, Manual Forest Trees Papua and New Guinea I (1969) unnumbered map.
Complete; highlands of New Guinea; localities indicated; partial revision.
- T. papuana** EXELL—M. J. E. Coode, Manual Forest Trees Papua and New Guinea I (1969) unnumbered map.
Complete; E. New Guinea (Centr. Distr.); localities indicated; partial revision.
- T. polyantha** PRESL—L. Croizat, Mem. Soc. Broter. 20 (1968) 264.
Complete; N. Philippines; delineated; after Fl. Mal.
- T. rerei** M. COODE—M. J. E. Coode, Manual Forest Trees Papua and New Guinea I (1969) unnumbered map.
Complete; Solomons; localities indicated; partial revision.
- T. rubiginosa** SCHUM.—M. J. E. Coode, Manual Forest Trees Papua and New Guinea I (1969) unnumbered map.
Complete; New Guinea and nearby islands; localities indicated; partial revision.
- T. samoensis** RECHINGER—M. J. E. Coode, Manual Forest Trees Papua and New Guinea I (1969) unnumbered map.
Partial; Trobriand Is; New Ireland, Solomons, Mortlock Is; localities indicated; partial revision.
- T. sepicana** DIELS—M. J. E. Coode, Manual Forest Trees Papua and New Guinea I (1969) unnumbered map.
Complete; Mandated Terr. of New Guinea, Bismarck Arch., Solomons; localities indicated; partial revision.
- T. solomonensis** EXELL—M. J. E. Coode, Manual Forest Trees Papua and New Guinea I (1969) unnumbered map.
Complete; New Guinea, Bismarck Arch., Solomons; localities indicated; partial revision.
- T. steenisiana** EXELL—M. J. E. Coode, Manual Forest Trees Papua and New Guinea I (1969) unnumbered map.
Complete; SE. New Guinea; localities indicated; partial revision.
- T. triptera** STAPP—L. Croizat, Mem. Soc. Broter. 20 (1968) 264.
Complete; SE. Asia (N. Malaya); delineated; after Fl. Mal.
- T. whitmorei** M. COODE—M. J. E. Coode, Manual Forest Trees Papua and New Guinea I (1969) unnumbered map.
Complete; Solomons; localities indicated; partial revision.

COMMELINACEAE

Commelina diffusa BURM. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 793.

Partial; Galapagos Is; localities indicated; partial revision.

COMPOSITAE

Eupatorieae—R. Scharfetter, Biogr. Pflanzensippen (1953) 419.
Complete; World; delineated; after J. Small 1919.

Mutisieae—G. L. Stebbins, Proc. 6th Pac. Sci. Congr. 3 (1940), 649.
Complete; New & Old World, also incl. some islands in the Pacific; delineated and shaded; genera density; occasional.

Acanthospermum microcarpum ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 312.

Partial; Galapagos Is; localities indicated; partial revision.

Adenostemma lavenia (L.) KUNTZE—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 312.

Complete; Galapagos Is; localities indicated; partial revision.

Ageratum conyzoides L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 312.

Partial; Galapagos Is; (introd.); localities indicated; partial revision.

Ambrosia artemisiifolia L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 312.

Partial; Galapagos Is; localities indicated; partial revision.

Anaphalis DC.—Sh.-Y. Hu, J. Arn. Arbor. 39 (1958) 365.

Partial; China and Taiwan; localities indicated; partial revision.

A. margaritacea (L.) BTH. & HOOK. f. ssp. **margaritacea**—T. Smitinand et al., The Southeast Asian Stud. 8 (1970) 176.

Partial; continental SE. Asia; localities indicated; partial revision.

Anisopappus chinensis (L.) HOOK. f. & ARN.—H. Wild, Webbia 19 (1965) 500.

Complete; Old World, Africa, SE. Asia; delineated; occasional.

Aphanes L. (*Alchemilla* subgen. *Aphanes*)—H. Meusel, Ber. Deut. Bot. Ges. 75 (1962) 116.

Complete; New and Old World, also incl. SE. Australia, S. America; delineated; species density; occasional.

Artemisia L.—Sh.-Y. Hu, J. Arn. Arbor. 39 (1958) 368.

Partial; China and Taiwan; localities indicated; occasional.

Aster L.—Sh.-Y. Hu, J. Arn. Arbor. 39 (1958) 365.

Partial; China and Taiwan; localities indicated; occasional.

Baccharis gnidiifolia HBK—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971)

312.

Partial; Galapagos Is; localities indicated; partial revision.

- B. stetzii** ANDERSS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 315.
Complete; Galapagos Is; localities indicated; partial revision.
- Bidens cynapiifolia** HBK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 315.
Partial; Galapagos Is; localities indicated; partial revision.
- B. pilosa** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 315.
Partial; Galapagos Is; localities indicated; partial revision.
- B. riparia** HBK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 315.
Partial; Galapagos Is; localities indicated; partial revision.
- Blainvillea dichotoma** (MURR.) STEW.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 319.
Partial; Galapagos Is; localities indicated; partial revision.
- Blumea** DC.—Sh.-Y. Hu, J. Arn. Arbor. 39 (1958) 365.
Partial; China and Taiwan; localities indicated; partial revision; occasional.
- Brickellia diffusa** (VAHL) A. GRAY—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 319.
Partial; Galapagos Is; localities indicated; partial revision.
- Carpesium** L.—H. Meusel, Flora 158 (1969) 542 (E. Jäger).
Incomplete; from S. Europe to S. India and E. Asia (rightly also occurring in Malesia and Queensland); delineated; European localities indicated; species density; occasional.
- Celmisia** CASS.—D. R. Given, New Zeal. J. Bot. 11 (1973) 787.
Complete; New Zealand, SE. Australia, Tasmania; localities indicated; partial revision.
- C. petriei** CHEESEM.—C. J. Burrows, Tuatara 13 (1965) 11.
Complete; New Zealand (South I.); localities indicated; occasional.
- C. traversii** HOOK. f.—C. J. Burrows, Tuatara 13 (1965) 11.
Complete; New Zealand (South I.); localities indicated; occasional.
- Chrysanthellum pusillum** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 319.
Complete; Galapagos Is; localities indicated; partial revision.
- Conzya bonariensis** (L.) CRONQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 325.
Partial; Galapagos Is; localities indicated; partial revision.
- Cotula** subg. **Leptinella** CASS.—N. M. Wace 'Vascular Plants' in Van Oye & Van Mieghem, Biogeogr. & Ecol. in Antarctica, Monogr. Biol. 15 (1965) 216.
Complete; Subant. S. America, Tristan group, Pr. Edward, Crozet, Kerguelen, Australia; Pacific: New Zealand and Subantarctic Is; delineated and shaded; species density; occasional.
- C. plumosa** (HOOK. f.) HOOK. f.—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. n. 3 (1963) map 11.
Complete; S. hemisphere, also New Zealand and Subantarctic Is, Falkland Is; delineated; occasional.

- Crepidiastrum lanceolatum** (HOUTT.) NAKAI—Y. Horikawa, Atlas Jap. Flora (1972) map 388.
 Partial; S. Japan, Ryu Kyu; localities indicated; literature + herb.
- Crossostephium chinense** (L.) MAK.—Y. Horikawa, Atlas Jap. Flora (1972) map 389.
 Partial; Ryu Kyu, Bonin; localities indicated; literature + herb.
- Damnamenia vernicosa** (HOOK. f.) GIVEN—D. R. Given, New Zeal. J. Bot. 11 (1973) 787.
 Complete; Auckland and Campbell Is; delineated; partial revision.
- Darwiniothamnus tenuifolius** (HOOK. f.) HARLING (and vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 325.
 Complete; Galapagos Is; localities indicated; partial revision.
- Eclipta alba** (L.) HASSK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 331.
 Partial; Galapagos Is; localities indicated; partial revision.
- Elvira inelegans** (HOOK. f.) ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 331.
 Complete; Galapagos Is; localities indicated; partial revision.
- E. repens** (HOOK. f.) ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 331.
 Complete; Galapagos Is; localities indicated; partial revision.
- Emilia sonchifolia** (L.) DC.—Y. Horikawa, Atlas Jap. Flora (1972) map 390.
 Partial; S. Japan, Bonin; localities indicated; literature + herb.
- Encelia hispida** ANDERSS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 331.
 Complete; Galapagos Is; localities indicated; partial revision.
- Enydra maritima** (HBK) DC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 331.
 Partial; Galapagos Is; localities indicated; partial revision.
- Eupatorium** L.—Sh.-Y. Hu, J. Arn. Arbor. 39 (1958) 365.
 Partial; China and Taiwan; localities indicated; occasional.
 R. M. King & H. Robinson, Taxon 19 (1970) 773.
 Incomplete; N. hemisphere, also in Luzon (in reality area should include Malesia); delineated; partial revision.
- E. chinense** L. var. **simplicifolium** (MAK.) KITAM.—Y. Horikawa, Atlas Jap. Flora (1972) map 391.
 Partial; Japan, E. Asia; localities indicated; literature + herb.
- E. pycnocephalum** LESS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 337.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.
- E. solidaginoides** HBK—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 337.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.

Flaveria bidentis (L.) KUNTZE—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971)

337.

Partial; Galapagos Is; locality indicated; partial revision.

Farfugium japonicum (L.) KITAM.—Y. Horikawa, Atlas Jap. Flora (1972) map 394.

Partial; Japan to Taiwan, Bonin; localities indicated; literature + herb.

Gerbera GRONOV.—G. L. Stebbins, Proc. 6th Pac. Sci. Congr. 3 (1940) 650.

Complete; Old World, also incl. E. Asia and Japan, and Tasmania; delineated and shaded; species density; occasional.

Gnaphalium L.—Sh.-Y. Hu, J. Arn. Arbor. 39 (1958) 365, map 8.

Partial; China and Taiwan; localities indicated; occasional.

G. japonicum THUNB.—Y. Horikawa, Atlas Jap. Flora (1972) map 395.

Partial; Japan to Taiwan; localities indicated; literature + herb.

G. purpureum L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 337.

Partial; Galapagos Is; localities indicated; partial revision.

G. vira-vira MOLINA—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 337.

Partial; Galapagos Is; localities indicated; partial revision.

Hypochaeris L.—G. L. Stebbins, Proc. 6th Pac. Sci. Congr. 3 (1940) 653.

Complete; New & Old World, also incl. S. America; delineated and shaded; species density; occasional.

Jaegeria gracilis HOOK. f. and **J. crassa** TORRES—A. M. Torres, Brittonia 20 (1968) 69.

Complete; Galapagos Is; localities indicated; monograph.

J. crassa TORRES—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 340.

Complete; Galapagos Is; localities indicated; partial revision.

J. gracilis HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 340.

Complete; Galapagos Is; localities indicated; partial revision.

Jungia hirsuta CUATR.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 340.

Complete; Galapagos Is; locality indicated; partial revision.

Keysseria LAUT.—A. L. Cabrera, Blumea 14 (1966) 286.

Complete; E. Malesia, Fiji, Hawaii Is; delineated; partial revision.

M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 213.

Complete; Malesia (Borneo, Celebes, New Guinea), Pacific (Fiji, Hawaii); delineated and localities indicated; species density; literature + herb.

Lagenophora CASS.—A. L. Cabrera, Blumea 14 (1966) 286.

Complete; New & Old World, also incl. Indo-Malesia, Australia, New Zealand, SW. Pacific, Juan Fernandez, S. America; delineated; partial revision.

M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 212.

Complete; Old & New World (not Africa), incl. Malesia and Pacific (New Zealand, New Caledonia, Hawaii, Juan Fernandez); shaded and localities indicated; species density; literature.

- Lecocarpus lecocarpoides** (ROBINS. & GREENM.) CRONQ. & STUESSY—U. Eliasson, Sv. Bot. Tidsk. 65 (1971) 269.
Complete; Galapagos Is; localities indicated; monograph.
- I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 340.
Complete; Galapagos Is; localities indicated; partial revision.
- L. leptolobus** (BLAKE) CRONQ. & STUESSY—U. Eliasson, Sv. Bot. Tidsk. 65 (1971) 269.
Complete; Galapagos Is; localities indicated; monograph.
- I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 340.
Complete; Galapagos Is; locality indicated; partial revision.
- L. pinnatifidus** DECNE—U. Eliasson, Sv. Bot. Tidsk. 65 (1971) 269.
Complete; Galapagos Is; localities indicated; monograph.
- I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 343.
Complete; Galapagos Is; localities indicated; partial revision.
- Macraea laricifolia** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 343.
Complete; Galapagos Is; localities indicated; partial revision.
- Microseris** DON—G. L. Stebbins, Proc. 6th Pac. Sci. Congr. 3 (1940) 654.
Complete; New & Old World, also incl. S. Australia, Tasmania, New Zealand, W. coasts of N. and S. America; delineated and shaded; species density; occasional.
- Myriactis** LESSING—A. L. Cabrera, Blumea 14 (1966) 286.
Complete; SE. Asia, incl. Japan, Malesia, W. Pacific; delineated partial revision.
- Olearia** MOENCH (group 'A' and 'B')—D. R. Given, New Zeal. J. Bot. 11 (1973) 787.
Partial; New Zealand; delineated; partial revision.
- O. lyallii** HOOK. f.—E. J. Godley, Proc. New Zeal. Ecol. Soc. 12 (1965) 62.
Partial; Old World, Subant. Is of New Zealand: Auckl. Is; localities indicated; occasional.
- Pectis linifolia** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 343.
Partial; Galapagos Is; localities indicated; partial revision.
- P. subsquarrosa** (HOOK. f.) SCHULTZ-BIP.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 347.
Complete; Galapagos Is; localities indicated; partial revision.
- P. tenuifolia** (DC.) SCHULTZ-BIP.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 347.
Complete; Galapagos Is; localities indicated; partial revision.
- Pleurophyllum** HOOK. f.—D. R. Given, New Zeal. J. Bot. 11 (1973) 787.
Complete; Subantarctic Is of New Zealand, incl. Macquarie I.; delineated; partial revision.
- Porophyllum ruderale** (JACQ.) CASS. var. **macrocephalum** (DC.) CRONQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 349.
Partial; Galapagos Is (introd.); localities indicated; partial revision.

- Pseudelephantopus spicatus** (Juss.) C. F. BAKER—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 349.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.
- P. spiralis** (Less.) CRONQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 349.
 Partial; Galapagos Is (introd.); locality indicated; partial revision.
- Scalesia affinis** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 356.
 Complete; Galapagos Is; localities indicated; partial revision.
- S. aspera** ANDERSS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 356.
 Complete; Galapagos Is; localities indicated; partial revision.
- S. atractyloides** ARN.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 356.
 Complete; Galapagos Is; localities indicated; partial revision.
- S. cordata** STEW.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 356.
 Complete; Galapagos Is; localities indicated; partial revision.
- S. crockeri** HOWELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 356.
 Complete; Galapagos Is; localities indicated; partial revision.
- S. helleri** ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 358.
 Complete; Galapagos Is; localities indicated; partial revision.
- S. incisa** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 358.
 Complete; Galapagos Is; localities indicated; partial revision.
- S. microcephala** ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 358.
 Complete; Galapagos Is; localities indicated; partial revision.
- S. pedunculata** HOOK. f. (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 358, 360.
 Complete; Galapagos Is; localities indicated; partial revision.
- S. stewartii** RILEY—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 360.
 Complete; Galapagos Is; localities indicated; partial revision.
- S. villosa** STEW.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 360.
 Complete; Galapagos Is; localities indicated; partial revision.
- Senecio** L.—Sh.-Y. Hu, J. Arn. Arbor. 39 (1958) 368.
 Partial; China and Taiwan; localities indicated; occasional.
- S. adamsii** CHEESEM.—J. Burrows, Tuatara 13 (1965) 16.
 Complete; New Zealand; localities indicated; occasional.
- S. revolutus** T. KIRK—J. Burrows, Tuatara 13 (1965) 16.
 Complete; New Zealand (South I.); localities indicated; occasional.
- Sonchus arvensis** L.—E. Hultén, Flora of Alaska (1968) 950.
 Partial; N. hemisphere; introductions into Philippine Is, Australia, New Zealand, Centr. & S. America mentioned on map; delineated and localities in Alaska indicated; occasional.

- S. asper** (L.) HILL—E. Hultén, Flora of Alaska (1968) 951, below.
 Partial; N. hemisphere; mentioned on the map as introduced into E. India, Australia, New Zealand, S. America etc.; delineated and localities Alaska indicated; occasional.
- S. hydrophilus** BOULOS—L. Boulos, Bot. Not. 126 (1973) 173.
 Complete; Australia, New Guinea, New Zealand; localities indicated; monograph.
- S. littoralis** (KIRK) ALLAN—L. Boulos, Bot. Not. 126 (1973) 167.
 Complete; New Zealand; localities indicated; monograph.
- S. malaianus** MIQ.—L. Boulos, Bot. Not. 126 (1973) 190.
 Complete; Sumatra, Java; localities indicated; monograph.
- S. oleraceus** L.—E. Hultén, Flora of Alaska (1968) 951.
 Partial; N. hemisphere; mentioned on the map as introduced into E. India, Australia, New Zealand, S. America, etc. delineated and Alaska localities indicated; occasional.
- I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 362.
 Partial; Galapagos Is; localities indicated; partial revision.
- S. tenerrimus** L.—L. Boulos, Bot. Not. 126 (1973) 160.
 Complete; Old & New World, incl. New Zealand; delineated and localities indicated; monograph.
- S. wightianus** DC. ssp. *wightianus*—L. Boulos, Bot. Not. 126 (1973) 186.
 Complete; Asia, Malesia (Java, Luzon); localities indicated; monograph.
- Sphaeranthus** L.—S. Ross-Craig, Hook. Ic. Pl. 36 (1953) 8 (map).
 Complete; Africa, Madagascar, Indo-Malesia, Australia; delineated; monograph.
- Spilanthes acmella** (L.) MURR.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 362.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.
- S. diffusa** Hook. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 362.
 Complete; Galapagos Is; localities indicated; partial revision.
- Synedrella nodiflora** (L.) GAERTN.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 362.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.
- Vernonia** L.—Sh.-Y. Hu, J. Arn. Arbor. 39 (1958) 365.
 Partial; China and Taiwan; localities indicated; occasional.

CONIFERAE

- Coniferae** (broad-leaved and needle-leaved conifers)—B. Seddon, Introd. Biogeogr. (1971) 105.
 Complete; Old & New World; localities ± indicated; after Krüssman and Pac. Pl. Ar.
- Podocarpeae**—E. Schmidt, Ber. Geobot. Forsch. Inst. Rübel 1945 (1946) 43.
 Complete; mainly S. hemisphere; delineated and fossil localities indicated; after W. Studt, see Pac. Pl. Ar. 1 (1963).

R. Schnell, Introd. Phytogéogr. Pays trop. I (1970) 125.

Complete; New & Old World, mainly S. hemisphere; shaded and fossil localities indicated; after Florin 1963.

Acmopyle pancheri (BRONGN. & GRIS) PILG.—D. J. de Laubenfels, Fl. Nouv. Caled. et Dépend. 4 (1972) 43.

Complete; New Caledonia; localities indicated; partial revision.

Agathis SALISB.—A. C. Brade, A Flora do Parque Nacional do Itatiaia, Bol. 5, (1956) map 1.

Incomplete; Malesia (New Guinea omitted), E. Australia, New Zealand and SW. Pacific (acc. to the legend Fiji Is too, but not incl. on the map); delineated; occasional.

F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 3.

Complete; SE. Asia, Malesia (not in southern islands), NE. Australia, N. New Zealand, W. Pacific to Fiji; delineated; literature.

P. Greguss, Fossil Gymnosp. Woods in Hungary (1967) 34.

Incomplete; boundaries wrong; SE. Asia, Malesia, N. & E. Australia, New Zealand; delineated and fossil localities indicated; occasional.

H. Gaußsen, Les Gymnospermes actuelles et fossiles fasc. 11 (1970) chapt. XIV (125).

Complete; Malesia, NE. Australia, Melanesia to N. island of New Zealand; delineated and shaded; fossil localities indicated; monograph.

T. C. Whitmore, Philos. Trans. R. Soc. Lond set. B. 255 (1969) 559.

Complete; Malesia (exc. Java, Lesser Sunda Is, Kai & Aru Is), New Britain, NE. Australia, N. New Zealand, New Hebrides, Fiji; delineated; occasional.

A. corbassonii DE LAUB.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 138.

Complete; New Caledonia; localities indicated; partial revision;

A. lanceolata LINDL.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 136.

Complete; New Caledonia; localities indicated; partial revision.

A. macrophylla MASTERS—T. C. Whitmore, Philos. Trans. R. Soc. Lond. ser. B. 255 (1969) 555.

Complete; New Hebrides, Santa Cruz; delineated; occasional.

A. montana DE LAUB.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 124.

Complete; New Caledonia; locality indicated; partial revision.

A. moorei (LINDL.) MAST.—D. J. de Laubelfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 132.

Complete; New Caledonia; localities indicated; partial revision.

A. ovata (MOORE) WARB.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 138.

Complete; New Caledonia; localities indicated; partial revision.

Araucaria Juss.—J. J. Kotze, Union of S. Afr., Forest Dept. Bull. 6 (1923) 5.

Incomplete; Australia, N. Caledonia, Norfolk, S. America, New Guinea not indicated; delineated; occasional.

A. C. Brade, A Flora do Parque Nacional do Itatiaia, Bol. n. 5, (1956) map 1.

Complete; New Guinea, E. Australia, Norfolk I., New Caledonia, S. America; delineated; occasional.

- F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map. 3.
Complete; S. America, New Guinea, Australia, New Caledonia; delineated: species density; literature.
- P. J. Darlington, Biogeography of the Southern End of the World, (1966) 188.
Complete; present and past distribution (after Florin 1963); delineated and localities indicated; occasional.
- R. C. McLean, Textbook Theoretical Bot. 3 (1967) 2488.
Complete; New & Old World (fossil), SE. Asia through Malesia to Australia, and N. Zealand (living); shaded (living), localities (fossil) indicated; occasional.
- H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2, Stuttgart (1970) 154.
Complete; S. America, New Guinea, NE. Australia, New Caledonia, ? Norfolk I.; delineated and fossil localities indicated; after Tralau, not published.
- H. Gausser, Les Gymnospermes actuelles et fossiles fasc. 11, (1970) chapt. XIV (65).
Complete (sections); S. America and W. Pacific, also incl. New Guinea and NE. Australia; delineated and shaded; fossil localities indicated; monograph.
- R. F. Thorne, Trop. For. Ecosyst. in Afr. & S. Amer. (1973) 43.
Complete: New Guinea, E. Australia, N. Caledonia, Norfolk I., S. America; shaded; after Florin 1963 and Pac. Pl. Ar.
- A. bernieri** BUCHHOLZ—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 119.
Complete; New Caledonia; localities indicated; partial revision.
- A. biramulata** BUCHHOLZ—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 96.
Complete; New Caledonia; localities indicated; partial revision.
- A. columnaris** (FORST.) HOOK.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 108.
Complete; New Caledonia and Loyalties; localities indicated; partial revision.
- A. cunninghamii** D. DON—N. Hall, R. D. Johnston, G. M. Chippendale, Forest Trees of Australia ed. 3 (1970) 290.
Partial; E. Australia (also in New Guinea); shaded, localities indicated; literature + herb.
- H. Streimann, Timber Species Leaflet (Lae) no. 1 (1972).
Partial; E. New Guinea; shaded and localities indicated; field survey.
- B. Gray, Dept. For. Research Bull. (Pt. Moresby) 1 (1973) 6.
Partial; E. New Guinea, Ferguson I.; shaded and localities indicated; field survey.
- A. humboldtensis** BUCHHOLZ—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 108.
Complete; New Caledonia; localities indicated; partial revision.
- A. hunsteinii** K. SCH.—H. Streimann, Timber Species Leaflet (Lae) no. 3 (1972).
Complete; E. New Guinea; shaded and localities indicated; field survey.
- B. Gray, Dept. For. Research Bull. (Pt. Moresby) 1 (1973) 30.
Complete; E. New Guinea; shaded and localities indicated; field survey.

- A. laubenfelsii CORBASSON**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 88.
 Complete; New Caledonia; localities indicated; partial revision.
- A. luxurians (BRONGN. & GRIS) DE LAUB.**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 94.
 Complete; New Caledonia; localities indicated; partial revision.
- A. montana BRONGN. & GRIS**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 104.
 Complete; New Caledonia; localities indicated; partial revision.
- A. muelleri (CARR.) BRONGN. & GRIS**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 88.
 Complete; New Caledonia; localities indicated; partial revision.
- A. nemorosa DE LAUB.**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 108.
 Complete; New Caledonia; locality indicated; partial revision.
- A. rulei F. v. M.**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 101.
 Complete; New Caledonia; localities indicated; partial revision.
- A. schmidii DE LAUB.**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 124.
 Complete; New Caledonia; locality indicated; partial revision.
- A. scopulorum DE LAUB.**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 116.
 Complete; New Caledonia; localities indicated; partial revision.
- A. subulata VIEILL.**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 122.
 Complete; New Caledonia; localities indicated; partial revision.
- Austrotaxus spicata COMPT.**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 14.
 Complete; New Caledonia; localities indicated; partial revision.
- Callitris VENT.**—F. J. W. Bader, Nova Acta Leop. N. F. 148, 23 (1960) map. 3
 Complete; Australia, New Caledonia (S. Africa=Widdringtonia); delineated; literature.
- L. Croizat, Mem. Soc. Broter. 20 (1968) 126.
 Complete; Australia, Tasmania, New Caledonia; shaded in Australia; occasional.
- C. neocalledonica DÜMMER**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 160.
 Complete; New Caledonia; localities indicated; partial revision.
- C. sulcata (PARL.) SCHLTR.**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 160.
 Complete; New Caledonia; localities indicated; partial revision.
- Cupressus guadelupensis S. WATS.**—E. L. Little, Atlas of United States Trees I (1971) map 16.
 Complete; N. America (California), Guadalupe I.; localities indicated; herb. + literature.

- Dacrycarpus cinctus (PILG.) DE LAUB.**—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 331.
Complete; E. Malesia; localities indicated; partial revision.
- D. compactus (WASSCHER) DE LAUB.**—D. J. Laubenfels, J. Arn. Arb. 50 (1969) 331.
Complete; New Guinea; localities indicated; partial revision.
- D. cumingii (PARL.) DE LAUB.**—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 331.
Complete; W. Malesia, Philippines; localities indicated; partial revision.
- D. imbricatus (BL.) DE LAUB. (and vars.)**—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 319.
Complete; SE. Asia, Malesia, Melanesia; localities indicated; partial revision.
- D. steuppii (WASSCHER) DE LAUB.**—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 319.
Complete; Philippines, E. Malesia; localities indicated; partial revision.
- D. vieillardii (PARL.) DE LAUB.**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend 4 (1972) 38.
Complete; New Caledonia; localities indicated; partial revision.
- Dacrydium SOLAND.** (see also sub *Falcatifolium*).—G. Krüssmann, Die Nadelgehölze (1955) 115.
Complete; New & Old World, incl. Chile, SE. Asia, part of Malesia (not in Philippines and Celebes), Tasmania, New Zealand, New Caledonia; shaded; occasional.
- F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 2.
Complete; S. America, SE. Asia, Malesia, Bismarck Arch., Solomons, (not in Java, Lesser Sunda Is), New Zealand, Tasmania, SW. Pacific to Fiji; delineated; species density; literature.
- P. Greguss, Fossil Gymnosp. Woods in Hungary (1967) 37.
Complete; S. America, Indo-Malesia, Tasmania, New Zealand, W. Pacific; shaded and fossil localities in Hungary indicated; occasional.
- D. araucarioides BRONGN. & GRIS**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 24.
Complete; New Caledonia; localities indicated; partial revision.
- D. balansae BRONGN. & GRIS**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 20.
Complete; New Caledonia; localities indicated; partial revision.
- D. beccarii PARL.**—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 302.
Complete; Malesia, incl. Bismarck Arch. and Solomons; localities indicated; partial revision.
- D. cupressinum LAMB.**—D. A. Franklin, New Zeal. J. Bot. 6 (1968) 500, 501.
Complete; New Zealand; localities indicated on grid map; partial revision.
- D. elatum (ROXB.) WALL.**—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 2.
Complete; SE. Asia, Malesia, Fiji; delineated; literature.
- D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 281.
Complete; SE. Asia, W. Malesia; localities indicated; partial revision.

- C.** Phengkhai, Thai For. Bull. 7 (1973) 33.
Partial; Thailand; localities indicated; partial revision.
- D. guillaumini** BUCHHOLZ—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 26.
Complete; New Caledonia; localities indicated; partial revision.
- D. lycopodioides** BRONGN. & GRIS—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 26.
Complete; New Caledonia; localities indicated; partial revision.
- D. nidulum** DE LAUB.—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 281.
Complete; E. Malesia, Fiji; localities indicated; partial revision.
- D. novo-guineense** GIBBS—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 281.
Complete; E. Malesia; localities indicated; partial revision.
- D. pectinatum** DE LAUB.—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 281.
Complete; Hainan, W. Malesia, Philippines; localities indicated; partial revision.
- D. xanthandrum** PILG.—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 302.
Complete; Malesia, Solomons; localities indicated; partial revision.
- Decussocarpus comptonii** (BUCHHOLZ) DE LAUB.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 52.
Complete; New Caledonia; localities indicated; partial revision.
- D. minor** (CARRIÈRE) DE LAUB.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 52.
Complete; New Caledonia; localities indicated; partial revision.
- D. motleyi** (PARL.) DE LAUB.—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 331.
Complete; W. Malesia; localities indicated; partial revision.
- D. nagi** (THUNB.) DE LAUB.—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 331.
Complete; SE. and E. Asia, incl. Hainan and Taiwan; localities indicated; partial revision.
- D. vitiensis** (SEEM.) DE LAUB.—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 331.
Complete; E. Malesia, Melanesia; localities indicated; partial revision.
- D. wallichianus** (PRESL) DE LAUB.—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 331.
Complete; SE. Asia, Malesia; localities indicated; partial revision.
- Falcatifolium falciforme** (PARL.) DE LAUB.—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 302.
Complete; W. Malesia, Philippines, Moluccas; localities indicated; partial revision.
- F. papuanum** DE LAUB.—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 302.
Complete; New Guinea; localities indicated; partial revision.
- F. taxoides** (BRONGN. & GRIS) DE LAUB.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 32.
Complete; New Caledonia; localities indicated; partial revision.

- Ginkgo KAEMPF.**—R. C. McLean, Textbook Theoretical Botany 3 (1967) 2558.
Complete (fossil); New & Old World; delineated (fossil); occasional.
- Juniperus L.**—F. J. W. Bader, Webbia 19 (1965) 535.
Complete; New & Old World, mostly N. of the tropic of Cancer, at least in the Pacific area; delineated; occasional.
- J. californica CARR.**—E. L. Little, Atlas of United States Trees I (1972) map 20.
Complete; N. America, Guadelupe I.; shaded and localities indicated; herb. + literature.
- Larix sect. Multiserialis PATSCHKE**—E. G. Bobrov, Fedde Rep. 84 (1973) 290.
Complete; C. Asia, N. America; shaded; occasional.
- Libocedrus ENDL. s. lat.**, (incl. *Heyderia*, *Astrocedrus*, *Papuacedrus*, *Pilgerodendron*)—G. Krüssmann, Die Nadelgehölze (1955) 163.
Complete; New & Old World, incl. W. coast Americas, E. Asia, New Guinea, New Zealand, New Caledonia; shaded; occasional.
- F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 4.
Complete; S. America, E. Asia, E. Malesia, New Zealand, New Caledonia; delineated; species density; literature.
- P. Greguss, Fossil Gymnosp. Woods in Hungary (1967) 57.
Approx. complete; New & Old World, also incl. New Guinea, New Zealand, New Caledonia; delineated; fossil localities in Hungary indicated; occasional.
- H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2, Stuttgart (1970) 164.
Complete; W. coast N. & S. America, E. Asia, Moluccas, New Guinea, New Caledonia, New Zealand; delineated; shaded and fossil localities indicated; occasional.
- R. Schnell, Introd. Phylogéogr. Pays trop. 1 (1970) 102.
Complete (10 spp.); W. Americas, SE. Asia, New Guinea, New Caledonia, New Zealand; delineated and shaded; after Walter 1954, slightly modified.
- Libocedrus s. str.**—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 4.
Complete; S. America (= *Pilgerodendron*), New Zealand, New Caledonia; delineated; literature.
- L. austro-caledonica BRONGN. & GRIS**—H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2, Stuttgart (1970) 164.
Complete; New Caledonia; delineated; localities indicated; species density; occasional.
- D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 150.
Complete; New Caledonia; localities indicated; partial revision.
- L. chevalieri BUCHHOLZ**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 150.
Complete; New Caledonia; localities indicated; partial revision.
- L. yateensis GUILL.**—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 150.
Complete; New Caledonia; localities indicated; partial revision.
- Neocallitropsis (COMPTON) FLORIN**—G. Krüssmann, Die Nadelgehölze (1955) 268.
Complete; New Caledonia; shaded; occasional.

N. pancheri (CARRIÈRE) DE LAUB.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 160.

Complete; New Caledonia; localities indicated; partial revision.

Papuacedrus (F. v. M.) LI—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 5.

Complete; Moluccas, New Guinea; delineated; literature.

Papuacedrus (F. v. M.) LI (*arfakensis*, *papuana*, and *torricellensis*)—H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie, III/2 Stuttgart (1970) 164.

Complete; Moluccas, New Guinea; delineated and shaded; occasional.

Parasitaxus uscus (VIEILL.) DE LAUB.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 46.

Complete; New Caledonia; localities indicated; partial revision.

Phyllocladus RICH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 2.

Complete; Malesia (from Borneo and Philippines eastwards), New Zealand, Tasmania; delineated; literature.

P. Greguss, Fossil Gymnosp. Woods in Hungary (1967) 53.

Incomplete and wrong; Philippines, Moluccas, New Guinea, New Britain, Tasmania; delineated and fossil localities indicated; occasional.

J. Muller, Trans. 2nd Aberdeen-Hull Symp. (ed. Ashton), Univ. Hull Misc. ser. 13 (1972) f. 11.

Partial; Malesia (not Java, Lesser Sunda Is; Malaya erroneously included); hatched; occasional.

H. Keng, Taiwania 18 (1973) 144.

Complete; living (E. Malesia, Tasmania, New Zealand) and fossil (Australia, New Zealand, S. America); delineated; occasional; partly after Couper.

Ph. hypophyllus HOOK. f.—D. J. de Laubenfels, J. Arn. Arb. 50 (1969) 281.

Complete; Malesia; localities indicated; partial revision.

Ph. trichomanoides D. DON—P. Wardle, New Zeal. J. Bot. 1 (1963) 12.

Complete; New Zealand; localities indicated; occasional.

Picea sect. Omorika WILLK. (5 spp.)—E. G. Bobrov, Fedde Rep. 84 (1973) 285.

Complete; Eurasia, N. America; localities indicated; occasional.

Pilgerodendron FLORIN—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 4.

Complete; S. America; delineated; literature.

Pinus L.—I. H. Burkhill, The Botany of the Abor Expedition (Rec. Bot. Surv. India 10, 1924) 12.

Partial; SE. Asia, N. Sumatra, N. Philippines; localities indicated; occasional.

J. Beauverie, Les gymnospermes vivantes et fossiles (Lyon 1933) Atlas, pl. 21.

Complete; Old & New World, also incl. E. Asia, Indonesia (not E. of Borneo), Philippines; shaded; morphology, anatomy.

- R. Scharfetter, Biogr. Pflanzensippen (1953) 24.
Complete; Old & New World, also incl. E. Asia and W. Malesia (not E. of Java, Borneo, Philippines); delineated; after Beauverie.
- G. Krüssmann, Die Nadelgehölze (1955) 207.
Complete; New & Old World. Erroneous map; in reality limited in Malesia to Sumatra and the Philippines; shaded; occasional.
- F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 3.
Complete; Centr. & E. Asia, Sumatra, Philippines; delineated; literature.
- Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 21c.
Complete; New & Old World, incl. Indonesia; N. Sumatra, Malaya, N. Philippines (erroneously Palawan incl.); delineated; occasional.
- Critchfield & Little, Geogr. distr. of the Pines of the World, U. S. Dept. Agr. For. Serv. Misc. Publ. 991 (1966) 30—31.
Complete; N. hemisphere, also incl. Malesia (Sumatra, Philippines); shaded; practically a monograph.
- N. T. Mirov, The genus Pinus (1967) 16, 17.
Complete; N. hemisphere, incl. Malesia (Sumatra, Luzon); generic area delineated; distribution of species roughly indicated by numbers; monograph.
- N. T. Mirov, The genus Pinus (1967) 432.
Partial; southern limits, incl. Sumatra and Philippines; delineated; localities of *P. merkusii* indicated; monograph.
- P. Greguss, Fossil Gymnosp. Woods in Hungary (1967) 103.
Complete; New & Old World, also incl. Indo-Malesia (inaccurate); delineated; after Krüssmann 1955.
- E. L. Little Jr. & W. B. Critchfield, U. S. Dept. Agr. For. Serv. Misc. Publ. 1144 (1969) 20—21.
Complete; Old & New World, N. hemisphere, also incl. SE. Asia, Sumatra and Philippines; shaded and island localities indicated (by arrows); partial revision.
- E. L. Little Jr. & W. B. Critchfield, U. S. Dept. Agr. For. Serv. Misc. Publ. 1144 (1969) 34—49, map 9—22 (the genus, subgenera & subsections).
Partial; N. America; shaded and island localities indicated with arrows; partial revision.
- B. Seddon, Introd. Biogeogr. (1971) 211.
Partial; SE Asia, Sumatra, Philippines; delineated and localities indicated; after Mirov 1967.
- J. Muller, Trans. 2nd Aberdeen-Hull Symp. (ed. Ashton), Univ. Hull Misc. ser. 13 (1972) f. 12.
Partial; SE. Asia, Taiwan, Sumatra, Philippines; delineated; fossil locality indicated; occasional.
- R. F. Thorne, Quart. Rev. Biol. 47 (1972) 378.
Complete; Old & New World, N. hemisphere, incl. W. Malesia; shaded; after Florin and Meusel *et al.*

Pinus L. subgen. **Ducampopinus** (A. CHEVAL.) DE FERRÉ—E. L. Little Jr. & W. B. Critchfield, U. S. Dept. Agr. For. Serv. Misc. Publ. 1144 (1969) 22—23.
Complete; Vietnam; locality indicated by K; partial revision.

subgen. **Pinus**—E. L. Little Jr. & W. B. Critchfield, U.S. Dept. Agr. For. Serv. Misc. Publ. 1144 (1969) 24—25.

Complete; Old & New World, also incl. SE. Asia, Sumatra, Luzon; shaded and island localities indicated by arrows; partial revision.

subgen. **Pinus** sect. **Pinus** subsect. **Sylvestres** LOUD.—E. L. Little Jr. & W. B. Critchfield, U. S. Dept. Agr. For. Serv. Misc. Publ. 1144 (1969) 32—33.

Complete; Old & New World, also incl. SE. Asia, Sumatra, and Philippines; shaded and island localities indicated by arrows; partial revision.

subgen. **Strobus** LEMM.—E. L. Little Jr. & W. B. Critchfield, U. S. Dept. Agr. For. Serv. Misc. Publ. 1144 (1969) 22—23.

Complete; Old & New World, N. America and Eurasia, also incl. islands off the coast of E. Asia; shaded and island localities indicated by arrows; partial revision.

subgen. **Strobus**. LEMM. subsect. **Strobi** LOUD.—E. L. Little Jr. & W. B. Critchfield, U.S. Dept. Agr. For. Serv. Misc. Publ. 1144 (1969) 28—29.

Complete; N. America, Eurasia, also incl. Taiwan and former Indo-China; shaded and island localities indicated by arrows, Eurasian species by letter; partial revision.

sect. **Diploxyylon**—R. Melville, Syst. Ass. Publ. n. 7 (1967) 296, in Adams & Ager, Aspects of Tethyan Biogeography.

Complete; N. hemisphere, also incl. E. Asia, N. Sumatra, Luzon; delineated (also fossil distribution); occasional.

Pinus L. (**Diploxyylon** species of Asia and Europe)—N. T. Mirov, The genus *Pinus* (1967) 276—277.

Complete; Old World, Mediterranean to E. Asia, Sumatra and Philippines; delineated and species indicated; monograph.

Pinus L. (**Haploxyylon** species of eastern Asia and the Mediterranean)—N. T. Mirov, The genus *Pinus* (1967) 264—265.

Complete; Old World, also incl. islands before the coast of E. Asia; delineated and species indicated; monograph.

P. insularis ENDL.—Critchfield & Little, Geogr. Distr. of the Pines of the World, U.S. Dept. Agr. For. Serv. Misc. Publ. 991 (1966) 71.

Complete; Indo-China, Malesia; Philippines; localities indicated and shaded; practically a monograph.

N.T. Mirov, The genus *Pinus* (1967) 277.

Complete; N. Luzon; delineated; monograph.

N. T. Mirov, The genus *Pinus* (1967) 290.

Complete; Luzon; delineated and locality indicated; monograph.

N. T. Mirov, The genus *Pinus* (1967) 299.

Partial; Mindoro (in reality *P. merkusii*?; see text); delineated; monograph.

N. T. Mirov, The genus *Pinus* (1967) 544, f. 9-1.

Complete; Luzon; shaded; monograph.

- P. merkusii** JUNGH. & DE VRIES—Critchfield & Little, Geogr. Distr. of the Pines of the World, U. S. Dept. Agr. For. Serv. Misc. Publ. 991 (1966) 72.
Complete; Indo-China, Malesia; Sumatra; localities indicated and shaded; practically monograph.
- N. T. Mirov, The genus *Pinus* (1967) 277.
Complete; Indo-China, Sumatra, Luzon, Mindoro; delineated and localities indicated; a monograph.
- N. T. Mirov, The genus *Pinus* (1967) 287.
Partial; S. Vietnam; hatched; monograph.
- N. T. Mirov, The genus *Pinus* (1967) 290.
Partial; Luzon; delineated; monograph.
- N. T. Mirov, The genus *Pinus* (1967) 299.
Partial; ? Mindoro (in the legend *P. insularis*, in text *P. merkusii*!); delineated; monograph.
- N. T. Mirov, The genus *Pinus* (1967) 432.
Complete; SE. Asia, Sumatra, Philippines; localities indicated; monograph.
- C. Phengklai, Thai For. Bull. 7 (1973) 32.
Partial; Thailand; localities indicated; partial revision.
- P. radiata** D. DON—E. L. Little, Atlas of United States Trees 1 (1971) map 68.
Complete; N. America (California), Guadelupe I.; localities indicated; herb. + literature.
- Podocarpus** L'HÉR. (see also sub *Dacrycarpus*, *Decussocarpus*, *Parasitaxus*, *Podocarpus*, and *Prumnopitys*)—G. Krüssmann, Die Nadelgehölze (1955) 237.
Complete; New & Old World, also incl. SE. Asia, Malesia, New Zealand, W. Pacific; shaded; occasional.
- F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 24—32.
Complete (110 spp.); New & Old World, also incl. Pacific; delineated; ± species density; literature.
- A. S. Boughey, Webbia 19 (1965) 514.
Complete; delineated; compiled after Florin 1963; occasional.
- F. J. W. Bader, Webbia 19 (1965) 536.
Complete; New & Old World, incl. E. Asia, Indo-Malesia, Australia, Tasmania, New Zealand, Pacific; delineated; (13 African spp. separately); occasional.
- P. J. Darlington, Biogeography of the Southern End of the World. (1966) 189.
Complete; past and present distribution (after Florin 1963); delineated; occasional.
- R. Melville, Syst. Ass. Publ. n. 7 (1967) 300, in Adams & Ager, Aspects of Tethyan Biogeography.
Complete; Old & New World, also incl. Indo-Malesia, E. Australia, New Zealand, W. Pacific; delineated; fossil localities indicated; occasional.

L. Croizat, Trop. Ecol. 8 (1967) 57.

Complete; New & Old World, incl. S. & E. Asia, Malesia, Australia, Tasmania, New Zealand, Pacific, Centr. & S. America, W. Indies; important localities indicated; also fossil records; occasional.

L. Croizat, Mem. Soc. Broter. 20 (1968) 116.

Complete; New & Old World, also incl. SE. Asia?, Malesia, Australia, Tasmania, New Zealand, Pacific, C. & S. America; shaded; occasional.

L. Croizat, Mem. Soc. Broter. 20 (1968) 122.

Complete; New & Old World; delineated and species density; occasional.

H. Walter/H. Straka, Arealkunde Einführung i.d. Phytologie III/2, Stuttgart (1970) 164.

Complete; New & Old World, also incl. SE. Asia, Malesia, N. & E. Australia, Tasmania, New Zealand, W. Pacific; delineated; shaded and fossil localities indicated; occasional.

C. Phenklai, Thai For. Bull. 7 (1973) 33.

Partial; Thailand; localities indicated; partial revision.

Podocarpus sect. **Dacrycarpus** ENDL.—J. Muller, Trans. 2nd Aberdeen-Hull Symp. (ed. Ashton), Univ. Hull, Misc. ser. 13 (1972) f. 11.

Partial; SE. Asia, Malesia, New Caledonia; shaded; occasional.

sect. **Polypodiopsis** (CARR.) BERTR.—R. Florin, Acta Hort. Berg. 20 (1963) 193.

Entry in Pac. Pl. Ar. vol. 2, p. 16, add: NW. S. America; delineated; occasional.

G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. n. 12 (1964) 35.

Complete; New & Old World, incl. E. New Guinea, Bismarck Arch., Solomons, New Caledonia, NW. South America, etc.; delineated; occasional.

sect. **Stachycarpus** ENDL.—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. n. 12 (1964) 35.

Complete; New & Old World, also incl. N. & E. Australia, Tasmania, New Zealand (omitting New Caledonia), S. America; delineated; occasional.

P. acutifolia KIRK (=? *P. parviflora* DC.)—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 31.

Complete; New Zealand, ? as *P. parviflora* in Australia; delineated; literature.

P. affinis SEEM.—F. J. W. Bader, Nova Acta Leop. N. F. 148, 23 (1960) 28.

Complete; Fiji; delineated; literature.

P. alpina R. BR.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 31.

Complete; S. & E. Australia, Tasmania; delineated; literature.

P. amara BL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 27.

Complete; Indonesia, New Guinea, NE. Australia; delineated; literature.

P. beccarii PARL., see sub *motleyi*.

P. blumei ENDL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.

Complete; SE. Asia, Malesia, also incl. New Guinea; delineated; literature.

P. brassii PILG.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.

Complete; New Guinea; delineated; literature.

- P. brevifolia** (STAPP) FOXW.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; Borneo, Philippines; delineated; literature.
- P. cincta** PILG.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.
Complete; New Guinea; delineated; literature.
- P. compacta** WASSCH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.
Complete; New Guinea; delineated; literature.
- P. comptonii** BUCHH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 26.
Complete; New Caledonia; delineated; literature.
- P. costalis** PRESL—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; Luzon; delineated; literature.
- P. cumingii** PARL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.
Complete; Sumatra to Philippines; delineated; literature.
- P. dacrydifolia** WASSCH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.
Complete; Celebes; delineated; literature.
- P. dacrydioides** A. RICH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 24.
Complete; New Zealand; delineated; literature.
- P. decipiens** GRAY—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 32.
Complete; Fiji Is; delineated; literature.
- P. decumbens** GRAY—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 32.
Complete; New Caledonia; delineated; literature.
- D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 64.
Complete; New Caledonia; localities indicated; partial revision.
- P. deflexa** RIDL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; Mal. Pen.; delineated; literature.
- P. disperma** C. T. WHITE—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960)
28.
Complete; Queensland; delineated; literature.
- P. disticha** BUCHH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 27.
Complete; New Caledonia; delineated; literature.
- P. elata** R. BR.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 28.
Complete; E. coast Australia; delineated; literature.
- P. ferruginea** D. DON—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 27.
Complete; New Zealand; delineated; literature.
- P. ferruginoides** COMPT.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 27.
Complete; New Caledonia; delineated; literature.
- P. glauca** FOXW.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; Borneo, Mindoro; delineated; literature.

- P. gnidioides** CARR.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 31.
Complete; New Caledonia, Ile des Pins; delineated; literature.
- D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 74.
Complete; New Caledonia; localities indicated; partial revision.
- P. hallii** KIRK—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 31.
Complete; New Zealand; delineated; literature.
- P. imbricata** BL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.
Complete; SE. Asia, Malesia, Pacific to Fiji; delineated; literature.
- P. koordersii** PILG.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; Andamans, Java; delineated; literature.
- P. ladei** F. M. BAIL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 27.
Complete; Queensland; delineated; literature.
- P. ledermannii** PILG.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; New Guinea; delineated; literature.
- P. leptophylla** WASSCH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.
Complete; New Guinea; delineated; literature.
- P. longefoliatus** PILG.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 32.
Complete; New Caledonia, Ile des Pins; delineated; literature.
- D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 64.
Complete; New Caledonia; localities indicated; partial revision.
- P. lucieni** DE LAUB.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 72.
Complete; New Caledonia; localities indicated; partial revision.
- P. macrophylla** (THUNB.) DON—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; E. Asia, Borneo; delineated; literature.
- Y. Horikawa, Atlas Jap. Flora (1972) map 3.
Partial; Japan, Ryu Kyu; localities indicated; literature + herb.
- P. minor** PARL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 26.
Complete; New Caledonia; delineated; literature.
- P. motleyi** (PARL.) DÜMMER (*P. beccarii* PARL.)—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 26.
Complete; Sunda shelf area (W. Malesia); delineated; literature.
- P. neriifolia** D. DON—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; SE. Asia, Malesia, Solomons; delineated; literature.
- P. nivalis** HOOK.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 31.
Complete; New Zealand; delineated; literature.
- P. novae-caledoniae** VIEILL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 28.
Complete; New Caledonia; delineated; literature.

- D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend.** 4 (1972) 74.
Complete; New Caledonia; localities indicated; partial revision.
- P. pallida** GRAY—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 32.
Complete; Tonga Is; delineated; literature.
- P. palustris** BUCHH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 26.
Complete; New Caledonia; delineated; literature.
- P. papuana** RIDL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.
Complete; New Guinea; delineated; literature.
- P. philippinensis** FOXW.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; Luzon, Mindoro; delineated; literature.
- P. pilgeri** FOXW.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; Philippines, Celebes, New Guinea, Solomons; delineated; literature.
- P. polyspermus** DE LAUB.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 64.
Complete; New Caledonia; localities indicated; partial revision.
- P. polystachya** R. BR.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; SE. Asia, islands between Sumatra and Borneo, Borneo, Philippines; delineated; literature.
- P. rumphii** BL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; Borneo and E. Malesia; delineated; literature.
- P. salomonensis** WASSCH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; Solomons; delineated; literature.
- P. spicata** R. BR.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 27.
Complete; New Zealand; delineated; literature.
- P. spinulosa** (SMITH) R. BR.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 28.
Complete; New South Wales; delineated; literature.
- P. steuppii** WASSCH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.
Complete; Celebes; delineated; literature.
- P. sylvestris** BUCHH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 28.
Complete; New Caledonia; delineated; literature.
- D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend.** 4 (1972) 70.
Complete; New Caledonia; localities indicated; partial revision.
- P. teysmanni** MIQ.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; Sumatra, Banka, Borneo; delineated; literature.
- P. thevetiaeefolia** ZIPP.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 29.
Complete; New Guinea; delineated; literature.
- P. totara** DON—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 31.
Complete; New Zealand; delineated; literature.
- P. usta** BRONGN. & GRIS—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.
Complete; New Caledonia; delineated; literature.

P. vieillardii PARL.—F. J W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 25.
Complete; New Caledonia; delineated; literature.

P. vitiensis SEEM.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) 27.
Complete; New Guinea, Bismarck Arch., Fiji; delineated; literature.

Prumnopitys ferruginoides (COMPT.) DE LAUB.—D. J. de Laubenfels, Fl. Nouv. Calédonie et Dépend. 4 (1972) 58.
Complete; New Caledonia; localities indicated; partial revision.

Taxus L.—G. Krüssmann, Die Nadelgehölze (1955) 256.
Complete; N. hemisphere, New & Old World, also incl. E. Asia, Philippines, Celebes; shaded; occasional.

E. Jäger, Fedde Rep. 79 (1968) 178.
Partial; temperate zone N. hemisphere; delineated and shaded; occasional.

T. baccata L. (7 ssp.)—R. Scharfetter, Biogr. Pflanzensippen (1953) 12.
Complete; delineated; after Meusel 1943.

T. wallichiana ZUCC. [*T. baccata* ssp. *wallichiana* (ZUCC.) PILG.]—H. Meusel in Beitr. z. Abst. Lehre 2 (1965) 16.
Complete; Old World, Centr. & E. Asia, Taiwan, Luzon, Sumatra, Celebes; delineated and localities indicated; after Meusel, Jäger, Weinert, MS.

Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 19d.
Complete; New & Old World, incl. E. Asia, Indonesia (W. Sumatra, Celebes, Luzon); delineated and localities indicated; occasional.

CONNARACEAE

Connaraceae—R. Schnell, Introd. Phytogéogr. Pays trop. I (1970) 94.
Complete; tropics New & Old World; delineated; after Van Steenis 1962.

Connarus L.—M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 62.
Complete; Old & New World, incl. Indo-Malesia E. to Fiji; delineated; after Schellenberg (1928) modified.

Rourea volubilis (BLCO) MERR. is no Rourea and probably no Connaracea (cf. Leenhouts, Fl. Mal 5, 1958, 517)—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 296.
Complete; Hainan, Philippines; delineated; occasional.

CONVOLVULACEAE

Bonamia menziesii GRAY var. **menziesii**—T. Myint & D. B. Ward, Phytologia 17 (1968) 171.
Complete; Hawaii Is; localities indicated; revision.

var. **rockii** MYINT & WARD—T. Myint & D. B. Ward, Phytologia 17 (1968) 171.
Complete; Hawaii; localities indicated; revision.

- B. semidigyna** (ROXB.) HALL. f. var. **farinacea** HALL. f.—T. Myint & D. B. Ward, *Phytologia* 17 (1968) 164.
Complete; E. Malesia (Celebes, Ceram, New Guinea); localities indicated; revision.
var. **semidigyna**—T. Myint & D. B. Ward, *Phytologia* 17 (1968) 164.
Complete; Old World, from Madagascar through India, Ceylon, and SE. Asia to W. Malesia (not E. of Java, Borneo, and Philippines); localities indicated; revision.
- Calystegia soldanella** (L.) R. & S.—Y. Horikawa, *Atlas Jap. Flora* (1972) map 326.
Partial; Japan to Taiwan; localities indicated; literature + herb.
- Cuscuta acuta** ENGELM.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 371.
Complete; Galapagos Is; localities indicated; partial revision.
- C. gymnocarpa** ENGELM.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 371.
Complete; Galapagos Is; localities indicated; partial revision.
- Dichondra micrantha** URB.—Y. Horikawa, *Atlas Jap. Flora* (1972) map 327.
Partial; S. Japan, Ryu Kyu; localities indicated; literature + herb.
- D. repens** FORST. var. **microcalyx** HALL.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 371.
Partial; Galapagos Is; localities indicated; partial revision.
- Evolvulus glaber** SPRENG.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 371.
Partial; localities indicated; partial revision.
- E. simplex** ANDERSS.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 375.
Partial; Galapagos Is; localities indicated; partial revision.
- Ipomoea alba** L.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 375.
Partial; Galapagos Is; localities indicated; partial revision.
- I. brasiliensis** (L.) SWEET—H. St. John, *Bot. Jahrb.* 89 (1970) map 6, facing p. 578.
Complete; coasts of New & Old World, also incl. Malesia, Australia, Pacific; localities indicated; partial revision.
- I. gracilis** R. BR. (*I. littoralis* Bl.)—Y. Horikawa, *Atlas Jap. Flora* (1972) map 328.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- I. graminea** R. BR.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 150.
Nearly complete; N. Australia, New Guinea; localities indicated; literature + herb.
- I. habeliana** OLIV.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 375.
Complete; Galapagos Is; localities indicated; partial revision.
- I. linearifolia** HOOK. f.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 375.
Partial; Galapagos Is; localities indicated; partial revision.
- I. nil** (L.) ROTH—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 378.
Partial; Galapagos Is; localities indicated; partial revision.
- I. pes-caprae** (L.) R. BR.—H. St. John, *Bot. Jahrb.* 89 (1970) map 5, facing p. 578.
Complete; coasts of Arabia, India, Nicobars & Andamans, Batu I., Krakatau; localities indicated; partial revision.

I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 378.

Partial; Galapagos Is; localities indicated; partial revision.

Y. Horikawa, Atlas Jap. Flora (1972) 329.

Partial; Japan to Taiwan, Bonin; localities indicated; literature + herb.

I. triloba L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 378.

Partial; Galapagos Is; localities indicated; partial revision.

Lepistemon urceolatum (R. Br.) F. v. M.—R. D. Hoogland in D. Walker (ed.), A.N.U.

Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 151.

Complete; E. Malesia (Celebes to Bougainville), Queensland; localities indicated; literature + herb.

Merremia aegyptica (L.) URBAN—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 378.

Partial; Galapagos Is; localities indicated; partial revision.

Stictocardia tiliifolia (Desr.) HALL. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 383.

Partial; Galapagos Is; localities indicated; partial revision.

CORIARIACEAE

Coriaria L.—M. Lehner, Ueber, die heutige Verbr. Mitteleurop. Tertiärpflanzen... (inaug. Diss. München 1944, Typescript) map 64.

Complete; New & Old World, also incl. Japan, Taiwan, SW. Pacific, New Zealand, W. Centr. & W. South America; delineated; occasional.

G. Krüssmann, Handb. d. Laubgehölze 1 (1960) 342.

Incomplete; New & Old World, also incl. Philippines and New Guinea; New Zealand not indicated; shaded; occasional.

F. Maekawa, Natural Science and Museum, Tokyo. 31 (1964) 12.

Complete; New & Old World, also incl. E. Asia, New Guinea, New Zealand, S. America; delineated; occasional.

F. Maekawa, J. Fac. Sc. Tokyo 9 (1965) 182.

Complete; New & Old World, also incl. E. Asia (e.g. Japan and Taiwan), New Guinea, New Zealand, Centr. and S. America; shaded; occasional.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 1 (1965) 76.

Complete; New & Old World, from the Mediterranean through Asia, Indo-Malesia (Philippines, New Guinea), New Zealand, Pacific to S. America; line and 1 fossil locality; occasional.

R. Melville, Syst. Ass. Publ. n. 7 (1967) 307, in Adams & Ager, Aspects of Tethyan Biogeography.

Complete; New & Old World, also incl. E. Asian islands and Luzon, New Guinea, New Zealand, Melanesia, New Hebrides, Fiji, Samoa; delineated; occasional.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 254.

Complete; localities indicated; after Croizat 1952.

J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 46.

Nearly complete; New & Old World, incl. Luzon, New Zealand, SW. Pacific (erroneously New Guinea not incl.); delineated; occasional.

M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 62.

Complete; Old & New World, incl. Malesia (Philippines & New Guinea) and Pacific (New Zealand, S. Pacific); delineated; after Pac. Pl. Ar.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 394.

Complete; Old & New World, incl. Malesia and Pacific; shaded and localities indicated; after Good & Pac. Pl. Ar.

C. ruscifolia L.—**J.** Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 46.

Complete; New Zealand, SW. Pacific to S. America; delineated; occasional.

C. thymifolia HUMB. & BONPL.—**J.** Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 46.

Complete; from New Zealand to Centr. America and NW. South America; delineated; occasional.

CORNACEAE

Corokia A. CUNN., see sub Saxifragaceae.

Griselinia FORST.—W. R. Philipson, New Zealand J. Bot. 5 (1967) 136.

Complete; New Zealand, South America (approx.); delineated; occasional.

J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 123.

Complete; New Zealand, Chile, S. Brazil; delineated; occasional.

Mastixia BL.—F. Kirchheimer, Braunkohle 42 (1943) 17.

Complete; New (fossil localities only) & Old World, Indo-Malesia; delineated and fossil localities indicated; monograph; fossil Mastixia and literature.

M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 39.

Complete; Indo-Malesia (not in the Moluccas) as far as E. New Guinea; delineated; occasional.

D. H. Mai, in Fedde Rep. 70 (1965) 160.

Complete; Indo-Malesia; delineated and fossil localities indicated; after Kirchheimer 1943.

W. R. Philipson, N. Zeal. J. Bot. 5 (1967) 136.

Complete; Malesia, E. to Solomons; delineated; occasional.

CORSIACEAE

Corsia BECC. (20 spp.)—P. van Royen, Webbia 27 (1972) 226.

± Complete; New Guinea (most species), Australia and Solomons (? 1 and 2 spp.) not mapped; localities indicated; monograph.

CORYLACEAE

Ostrya SCOP.—G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 157.

Complete; New & Old World, also incl. E. Asia and Japan; shaded; occasional.

CORYNOCARPACEAE

Corynocarpus australasicus C. T. WHITE—H. D. Ingle, Trop. Woods 105 (1956) 10.

Complete; Aru Is; New Guinea, St. Matthias group, Queensland; localities indicated; occasional.

C. dissimilis HEMSL.—H. D. Ingle, Trop. Woods 105 (1956) 10 (reference indication different from that used in the map).

Complete; New Caledonia; locality indicated; occasional.

C. laevigatus FORST.—H. D. Ingle, Trop. Woods 105 (1956) 10.

Complete; New Zealand, and adjacent islands; localities indicated; occasional.

C. similis HEMSL.—H. D. Ingle, Trop. Woods 105 (1956) 10.

Complete; New Hebrides; locality indicated; occasional.

CRASSULACEAE

Kalanchoe pinnata (LAMK.) PERS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 560.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Sedum formosanum N. E. BR.—Y. Horikawa, Atlas Jap. Flora (1972) map 103.

Partial; S. Japan to Taiwan; localities indicated; literature + herb.

Tillaea moschata (FORST.) DC.—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. n. 3 (1963) map 9.

Complete; S. hemisphere, also incl. New Zealand and Subantarctic Is, Fuegia; delineated; occasional.

CRUCIFERAE

Brassica campestris L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 560.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Coronopus didymus (L.) J. E. SMITH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 560.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Lepidium virginicum L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 560.

Partial; Galapagos Is; localities indicated; partial revision.

Raphanus sativus L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 560.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

CTENOLOPHONACEAE see Linaceae

CUCURBITACEAE

Citrullus lanatus (THUNB.) MATS. & NAKAI—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 383.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Elaterium carthaginense JACQ. (+ vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 383.

Partial; Galapagos Is; localities indicated; partial revision.

Gynostemma pentaphyllum (THUNB.) MAKINO—Y. Horikawa, Atlas Jap. Flora (1972) map 373.

Partial; Japan to Taiwan; localities indicated; literature + herb.

Luffa astorii SVENS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 383.

Partial; Galapagos Is; locality indicated; partial revision.

Momordica charantia L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 392.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Muelleraria COGN.—M. Keraudren-Aymonin, Mém. Mus. Hist. Nat. Paris 16 (1968) 191. Complete; (Madagascar, Indonesia); delineated; occasional.

Sicyocaulis pentagonus WIGGINS—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 392.

Complete; Galapagos Is; localities indicated; partial revision.

Sicyos villosa HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 392.

Complete; Galapagos Is; locality indicated; partial revision.

CUNONIACEAE

Aistopetalum multiflorum SCHLTR.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 146.

Complete; New Guinea; localities indicated; literature + herb.

A. viticoides SCHLTR.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 146.

Complete; New Guinea; localities indicated; literature + herb.

Ceratopetalum succirubrum C. T. WHITE—R. D. Hoogland, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 146.

Complete; Queensland, New Guinea and adjacent islands; localities indicated; literature + herb.

Cunonia L.—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. n. 12 (1964) 39.

Complete; S. Africa, New Caledonia; delineated; after Hutchinson 1946.

J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 108.

Complete; S. Africa, New Caledonia; delineated; after Hutchinson 1959.

Gillbaea papuana SCHLTR.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 146.

Complete; New Guinea; localities indicated; literature + herb.

Opocunonia SCHLTR.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 146.

Complete; New Guinea; localities indicated; literature + herb.

Weinmannia L.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 9.

Complete; Mexico, C. & S. America, Madagascar etc., Malesia, New Zealand, Pacific; delineated; literature.

H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2, Stuttgart (1970) 173.

Complete; New & Old World, incl. Madagascar, Malesia, New Zealand, Pacific; delineated and shaded; occasional.

W. blumei PLANCH.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 9.

Complete; Sumatra, Malaya, Java, Borneo; shaded; literature.

W. racemosa L. f.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 9.

Complete; New Zealand; shaded; literature.

P. Wardle, New Zeal. J. Bot. 2 (1964) 356.

Partial; New Zealand (S.I.), southern limit; a few localities indicated; literature.

P. Wardle, New Zeal. J. Bot. 4 (1966) 122—123 (maps by A. H. MacRae).

Complete; New Zealand; localities indicated; monograph of the species.

W. urdanetensis ELM.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 9.

Complete; Philippines, Celebes, New Guinea; shaded; literature.

CUPRESSACEAE see Coniferae

CUPULIFERAE

Cupuliferae—I. H. Burkill, The Botany of the Abor Expedition (Rec. Bot. Surv. India 10 (1924) 12.

Partial; boundary line in SE. Asia, Malesia, and W. Pacific (Solomons) (The extension to the Solomons was certainly based on a wrong record); delineated; occasional.

CUSCUTACEAE see Convolvulaceae

CYCADACEAE

Cycas circinalis L.—D. J. de Laubenfels, Fl. Nouv. Caléd. et Dépend. 4 (1972) 10.

Partial; New Caledonia; localities indicated; partial revision.

C. revoluta THUNB.—Y. Horikawa, Atlas Jap. Flora (1972) map. 1.

Partial; S. Japan, Ryu Kyu; localities indicated; literature + herb.

CYPERACEAE

- Bulbostylis hirtella** (SCHRAD.) NEES ex URB.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 796.
Partial; Galapagos Is; localities indicated; partial revision.
- Carex** (6 bipolar spp.)—D. M. Moore, Bot. Not. 124 (1971) 320—321.
Complete; N. & S. hemisphere; delineated; occasional.
- Carex** L. subg. *Vignea*—T. V. Egorova, Carices U.R.S.S. subgeneris *Vignea* species. Acad. Sc. U.R.S.S. (1966) 211.
Complete; most of the Northern hemisphere, but also in the Southern; in part of Malesia, Australia, Tasmania, New Zealand, Pacific; delineated; partial revision.
- C. curta** GOODEN. (under *C. canescens* L.)—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 68 c.
Incomplete; S. Australia and Southern S. America (also found in New Guinea!); delineated and shaded; occasional.
- C. duriuscula** C. A. MEY.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 66b.
Incomplete; N. hemisphere, but also found in New Guinea! delineated; occasional.
- C. echinata** MURR. s.l.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 68c.
Partial; N. hemisphere with indication of Australia and New Zealand (also occurring in New Guinea!); delineated; occasional.
- C. fascicularis** SOL. ex HOOK. f.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 79a.
Complete; Java (erroneously), New Guinea, SE. Australia, Tasmania, New Zealand; delineated; occasional.
- C. gaudichaudiana** KTH.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 70a.
Complete; Old & New World, incl. New Guinea, E. Australia, Tasmania, New Zealand, and S. America; delineated; occasional.
- C. jackiana** BOOTT—T. Koyama, Bot. Mag. Tokyo 72 (1959) 303.
Complete; Old World; India, Ceylon, SE. Asia, Japan, Sumatra, Java; delineated; partial revision.
- C. maculata** BOOTT—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 73c.
Incomplete; E. Asia, Sumatra (occurring in the Mal. Pen., Java, Celebes and New Guinea too!); delineated; occasional.
- C. maculata** BOOTT var. *neurochlamys* (F.v.M.) KÜK.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 73c.
Partial (see text); E. Australia, New Caledonia; delineated; occasional.
- C. nubigena** D. DON (*sphalm.* 'nubigera')—T. Koyama, Bot. Mag. Tokyo 72 (1959) 302.
Complete; Old World; Ceylon, SE. Asia, Japan, Taiwan, Sumatra, Java; delineated; partial revision.

- C. olivacea** BOOTT—T. Koyama, Bot. Mag. Tokyo 72 (1959) 304.
Complete; Old World (Japan, SE. Asia, Java); delineated; partial revision.
- C. pruinosa** BOOTT—T. Koyama, Bot. Mag. Tokyo 72 (1959) 301.
Complete; Old World (Japan, SE. Asia, Sumatra, Java); delineated; partial revision.
- C. remota** GRUBB. and 2 ssp.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 69a.
Partial; N. hemisphere (also found in Malesia!); delineated, shaded and localities indicated; occasional.
- E. Jäger, Fedde Rep. 79 (1968) 180.
Partial; N. hemisphere, Malesia indicated with arrow; delineated and shaded; occasional.
- Cladium CRANTZ**—M. Lehner, Ueber de heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München, 1944, Typescript) map 74.
Complete; New & Old World, also incl. SE. Asia, Malesia, Australia, New Zealand, W. Pacific, Hawaii, Juan Fernandez; delineated; occasional.
- C. jamaicense** CRANTZ var. **chinense** (NEES) KOYAMA—Y. Horikawa, Atlas Jap. Flora (1972) map 418.
Partial; S. Japan to Taiwan; localities indicated; literature + herb.
- C. mariscus** L. and ssp.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 62d.
Incomplete; New & Old World, also incl. E. Asia, Sumatra, New Guinea (found in Kai Is and Timor also), Aru Is, Bismarck Arch., E. Australia, Tasmania, New Caledonia, New Hebrides, Hawaii; localities indicated; occasional.
- Cyperus anderssonii** BOECK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 796.
Complete; Galapagos Is; localities indicated; partial revision.
- C. aristatus** ROTTB.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 800.
Partial; Galapagos Is; localities indicated; partial revision.
- C. brevifolius** (ROTTB.) HASSK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 800.
Partial; Galapagos Is; localities indicated; partial revision.
- C. compressus** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 800.
Partial; Galapagos Is; localities indicated; partial revision.
- C. confertus** Sw.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 801.
Partial; Galapagos Is; localities indicated; partial revision.
- C. distans** L. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 801.
Partial; Galapagos Is; localities indicated; partial revision.
- C. elegans** ssp. **rubiginosus** (HOOK. f.) ELIAS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 801.
Complete; Galapagos Is; localities indicated; partial revision.
- C. esculentus** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 805.
Partial; Galapagos Is; localities indicated; partial revision.

- C. grandifolius** ANDERSS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 805.
Complete; Galapagos Is; localities indicated; partial revision.
- C. laevigatus** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 805.
Partial; Galapagos Is; localities indicated; partial revision.
- C. ligularis** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 805.
Partial; Galapagos Is; localities indicated; partial revision.
- C. polystachyos** ssp. *holosericeus* (LINK) KOYAMA—I. L. Wiggins & D. M. Porter (1971) 807.
Partial; Galapagos Is; locality indicated; partial revision.
- C. rivularis** ssp. *lagunetto* (STEUD.) KÜK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 807.
Partial; Galapagos Is; localities indicated; partial revision.
- C. rotundus** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 807.
Partial; Galapagos Is; localities indicated; partial revision.
- C. virens** ssp. *drummondii* (TORR. & HOOK.) KOYAMA—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 807.
Partial; Galapagos Is; localities indicated; partial revision.
- Eleocharis atropurpurea** (RETZ.) PRESL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 807.
Partial; Galapagos Is; localities indicated; partial revision.
- E. fistulosa** (POIR.) LINK—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 810.
Partial; Galapagos Is; localities indicated; partial revision.
- E. maculosa** (VAHL) R. & S.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 810.
Partial; Galapagos Is; localities indicated; partial revision.
- E. mutata** (L.) R. & S.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 810.
Partial; Galapagos Is; localities indicated; partial revision.
- E. nodulosa** (ROTH) SCHULT.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 810.
Partial; Galapagos Is; localities indicated; partial revision.
- E. palustris** (L.) R. & S.—E. Hultén, Flora of Alaska (1968) 210.
Partial; N. hemisphere; occurrence in S. America and Australia mentioned on the map; delineated and localities Alaska indicated; occasional.
- E. sellowiana** KUNTH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 813.
Partial; Galapagos Is; localities indicated; partial revision.
- E. uniglumis** (LINK) SCHULT.—E. Hultén, Flora of Alaska (1968) 210.
Partial; N. hemisphere; occurrence of closely related types mentioned on the map from Philippine Is, Australia, New Zealand; delineated and localities Alaska indicated; occasional.

Fimbristylis dichotoma (L.) VAHL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 813.

Partial; Galapagos Is; localities indicated; partial revision.

F. littoralis GAUD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 813.

Partial; Galapagos Is; localities indicated; partial revision.

Gahnia FORST.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärfpflanzen... (Inaug. Diss. München 1944, Typescript) map 46.

Complete; delineated; occasional; copied from G. Benl 1940.

G. tristis NEES—Y. Horikawa, Atlas Jap. Flora (1972) map 419.

Partial; Ryu Kyu, Bonin; localities indicated; literature + herb.

Hemicarpha micrantha (VAHL) BRITT.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 813.

Partial; Galapagos Is; locality indicated; partial revision.

Isolepis fluitans (L.) R. BR.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 61b.

Complete; Old World, also incl. Java, S. Australia, Tasmania; delineated, shaded and localities indicated; occasional.

Oreobolus R. BR.—R. Schnell, Introd. Phytogéogr. Pays trop. I (1970) 127.

Complete; Pacific and circum pacific, also incl. Malesia; delineated and localities indicated; after Van Steenis 1962.

M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 70.

Complete; Old & New World, incl. Malesia and Pacific (New Zealand, Hawaii, Tahiti, Juan Fernandez); delineated; after Pac. Pl. Ar.

Remirea maritima AUBL.=**Cyperus pedunculatus** (R. BR.) KERN—J. Miège, M. Bodard, Bull. Inst. Fr. Afr. Noire A, 23 (1961) 704.

Nearly complete; New & Old World; shaded; literature.

Rhynchospora corymbosa (L.) BRITT.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 817.

Partial; Galapagos Is; localities indicated; partial revision.

R. micrantha VAHL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 817.

Partial; Galapagos Is; localities indicated; partial revision.

R. nervosa (VAHL) BOECK. (2 vars)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 817.

Partial; Galapagos Is; localities indicated; partial revision.

R. rugosa (VAHL) GALE—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 821.

Partial; Galapagos Is; localities indicated; partial revision.

R. tenuis LINK—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 821.

Partial; Galapagos Is; locality indicated; partial revision.

Scirpus americanus PERSOON ssp. **monophyllus** (PRESL) KOYAMA—T. Koyama, Canad. J. Bot. 41 (1963) 1114.

Complete; Old & New World, S. Australia, New Zealand, Pacific Americas; delineated; monograph.

- S. crassiusculus** (HOOK. f.) BTH.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 152.
Partial; SE. Australia, New Guinea; localities indicated; literature + herb.
- Scleria hirtella** Sw.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 821.
Partial; Galapagos Is; localities indicated; partial revision.
- S. pterota** PRESL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 821.
Partial; Galapagos Is; localities indicated; partial revision.
- Uncinia** PERS.—M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 209.
Complete; mainly S. hemisphere, incl. Malesia and Pacific; shaded and localities indicated; literature + herb.
- U. compacta** R. BR.—A. Loureig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map 6.
Complete; Old World, also incl. Australia, Tasmania, New Zealand and Subantarctic Is; delineated; occasional.

DAPHNIPHYLLACEAE

- Daphniphyllum** Bl. sect. **Calycifera** HURUSAWA—T.-Ch. Huang, Taiwania 11 (1965) 92.
Complete; Indo-Malesia, E. Asia (incl. Taiwan, Japan); delineated; monograph.
- sect. **Lunata** HUANG—T.-Ch. Huang, Taiwania 11 (1965) 92.
Complete; Indo-Malesia (incl. Sumatra, Mal. Pen., Borneo); delineated; monograph.
- sect. **Staminodia** HURUSAWA—T.-Ch. Huang, Taiwania 11 (1965) 92.
Complete; Centr. to E. Asia, also incl. N. Philippines; delineated; monograph.

DATISCACEAE

- Datiscaceae (Octomeles, Tetrameles)**—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 374.
Partial; Malesia, Bismarck Arch., Solomons; delineated; after Fl. Mal.
- Octomeles sumatrana** MiQ.—Chr. Davidson, Aliso 8 (1973) 52.
Complete; Malesia (not Java, Lesser Sunda Is), New Britain, Solomons; localities indicated; anat. & morph.
- Tetrameles nudiflora** R. BR.—G. Klotz, Wissenschaftl. Zeitschr. M. Luther Univ. Halle 7 (1966) map 5.
Complete; India to Celebes and Lesser Sunda Is; localities indicated; occasional.
- Chr. Davidson, Aliso 8 (1973) 52.
Complete; India to Ceylon to Pen. SE. Asia, S. Malesia (also incl. Celebes, New Guinea), N. Australia; localities indicated; anat. & morph.

DEGENERIACEAE

- Degeneria** I. W. BAILEY & A. C. SMITH—W. Sauer & F. Ehrendorfer, Oesterr. Bot. Zeitschr. 118 (1970) 47.
Complete; Fiji; localities indicated; occasional.
- M. M. J. v. Balgooy, Blumea Suppl. 6 (1971) 72.
Complete; Fiji; locality indicated.

DILLENIACEAE

tribe **Delimeae**—D. I. Axelrod, Bot. Rev. 36 (1970) 300.

Complete; pantropic for Tetracera, also incl. Malesia and W. Pacific; delineated; occasional.

tribe **Dillenieae**—D. I. Axelrod, Bot. Rev. 36 (1970) 300.

Complete; Old World, from Madagascar to S. & SE. Asia, Malesia, N. Australia, and Pacific to Fiji; delineated; occasional.

tribe **Hibbertieae**—D. I. Axelrod, Bot. Rev. 36 (1970) 300.

Complete; Old World, from Madagascar to Australia, New Guinea, and New Caledonia; delineated; occasional.

Acotrema JACK—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 40.

Complete; SE. Asia, incl. Malaya; delineated; occasional.

Davilla VAND.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 40.

Complete; tropics New World; delineated; occasional.

Dillenia alata (DC.) MARTELLI—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 148.

Complete; Queensland, New Guinea; localities indicated; literature + herb.

D. crenata (A. C. SMITH) HOOGL.—T. C. Whitmore, Guide Forests Brit. Solomon Is (1966) 63.

Complete; Solomon Is; delineated; species density; occasional.

D. cyclopensis HOOGL.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 148.

Complete; New Guinea; localities indicated; literature + herb.

D. fagifolia HOOGL.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 148.

Complete; New Guinea; localities indicated; literature + herb.

D. indica L.—G. Klotz, Wissenschaft. Zeitschr. M. Luther Univ. Halle 7 (1966) map 4. Complete; India to W. Malesia (E. to Borneo); localities indicated; after Hoogland 1952.

I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 568.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

D. ingens B. L. BURTT—T. C. Whitmore, Guide Forests Brit. Solomon Is (1966) 63. Complete; Solomon Is (not in the SE. islands); delineated; species density; occasional.

D. insularum HOOGL.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 148.

Complete; New Guinea (Louisiade Arch.); localities indicated; literature + herb.

D. montana DIELS—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 148.

Complete; New Guinea; localities indicated; literature + herb.

D. malagi HOOGL.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 148.

Complete; New Guinea; localities indicated; literature + herb.

- D. ovalifolia** HOOG.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 148.
Complete; New Guinea; localities indicated; literature + herb.
- D. papuana** MARTELLI—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 148.
Complete; New Guinea, Moluccas; localities indicated; literature + herb.
- D. pentagyna** ROXB.—G. Klotz, Wissensch. Zeitschr. M. Luther Univ. Halle 7 (1966) map 3.
Complete; India to Lesser Sunda Is (not in Malaya, Sumatra, Borneo); localities indicated; after Hoogland 1952.
- D. quercifolia** (LANE POOLE) HOOG.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 148.
Complete; New Guinea; localities indicated; literature + herb.
- D. salomonensis** (C. T. WHITE) HOOG.—T. C. Whitmore, Guide Forests Brit. Solomon Is (1966) 63.
Complete; Solomon Is (not in the southernmost islands); delineated; species density; occasional.
- Hibbertia** ANDR.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 40.
Complete; from Madagascar to New Guinea, Australia, W. Pacific; delineated; occasional.
- R. F. Thorne, Quart. Rev. Biol. 47 (1972) 388.
Complete; Madagascar, E. Malesia, Australia, New Caledonia; shaded; after Good and Pac. Pl. Ar.
- H. banksii** (DC.) BTH.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 147.
Complete; Queensland, New Guinea; localities indicated; literature + herb.
- H. scandens** (WILLD.) GILG—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 147.
Complete; E. Australia, New Guinea, Aru Is; localities indicated; literature + herb.
- Tetracera** L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 27.
Complete; New & Old World, also incl. Indo-Malesia, W. Pacific (New Caledonia); delineated; occasional.
- E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 207.
Complete; Old and New World incl. Indo-Australia, New Caledonia; delineated, shaded and localities indicated; species density; after Kubitzki.
- Tetracera** L. sect. **Akara** KUBITZKI (9 spp.)—K. Kubitzki, Mitt. Bot. München 8 (1970) 20.
Complete; tropics Old World, also incl. S. India through SE. Asia to Malesia (not E. of Celebes); delineated and localities indicated; partial revision.
- sect. **Tetracera** mainly **rotundifolia** group (evidently **willdenowiana** group is meant) (15 spp.)—K. Kubitzki, Mitt. Bot. München 8 (1970) 19.
Complete; Old & New World, also incl. extreme SE. Asia, Malesia, (not Lesser Sunda Is), NE. Austr., New Caledonia; delineated; partial revision.

sect. Tetracera mainly **volubilis** group (14 spp.)—K. Kubitzki, Mitt. Bot. München 8 (1970) 18.

Complete; Old & New World, also incl. Malesia and NE. Australia; delineated; localities partly indicated; partial revision.

Tetracera akara (BURM. f.) MERR.—K. Kubitzki, Mitt. Bot. München 8 (1970) 20.

Complete; from S. India to Ceylon to SE. Asia and Malesia (not E. of Celebes); delineated; partial revision.

T. arborescens JACK—K. Kubitzki, Mitt. Bot. München 8 (1970) 19.

Complete; W. Malesia; delineated; partial revision.

T. billardieri MARTELLI—K. Kubitzki, Mitt. Bot. München 8 (1970) 19.

Complete; New Caledonia; locality indicated; partial revision.

T. fagifolia BL.—K. Kubitzki, Mitt. Bot. München 8 (1970) 19.

Complete; Malesia (not E. of Java and Celebes); delineated; partial revision.

T. glaberrima MARTELLI—K. Kubitzki, Mitt. Bot. München 8 (1970) 20.

Complete; Borneo; locality indicated; partial revision.

T. indica (HOUTT. ex CHRISTM. & PANZ.) MERR.—K. Kubitzki, Mitt. Bot. München 8 (1970) 20.

Complete; SE. & E. Asia to Malesia (not E. of Borneo and Java); delineated; partial revision.

T. korthalsii MIQ.—K. Kubitzki, Mitt. Bot. München 8 (1970) 19.

Complete; Borneo to Palawan and the W. Moluccas; delineated; partial revision.

T. lanuginosa DIELS—K. Kubitzki, Mitt. Bot. München 8 (1970) 19.

Complete; New Guinea; locality indicated; partial revision.

R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 147.

Complete; New Guinea; localities indicated; literature + herb.

T. loureiri (FIN. & GAGNEP.) PIERRE ex CRAIB—K. Kubitzki, Mitt. Bot. München 8 (1970) 18.

Complete; SE. Asia; delineated; partial revision.

T. macrophylla WALL.—K. Kubitzki, Mitt. Bot. München 8 (1970) 19.

Complete; from Sumatra to Borneo; delineated; partial revision.

T. maingayi HOOG.—K. Kubitzki, Mitt. Bot. München 8 (1970) 19.

Complete; Sumatra, Malaya; localities indicated; partial revision.

T. nordtiana F. v. M.—K. Kubitzki, Mitt. Bot. München 8 (1970) 18.

Complete; from S. Celebes through the Moluccas to New Guinea and NE. Australia; delineated; partial revision.

R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 147.

Complete; E. Malesia, Queensland; localities indicated; literature + herb.

T. sarmentosa (L.) VAHL—K. Kubitzki, Mitt. Bot. München 8 (1970) 18.

Complete; from Ceylon to SE. Asia and W. Malesia (Sumatra to Borneo); delineated; partial revision.

T. scandens (L.) MERR.—K. Kubitzki, Mitt. Bot. München 8 (1970) 18.
Complete; SE. Asia to Malesia (not E. of Celebes); delineated; partial revision.

DIOSCOREACEAE

Dioscoreaceae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 101a.

Complete; Old & New World, also incl. Indo-Malesia, N. & E. Australia, Pacific, S. America; delineated and shaded; occasional.

Dioscorea orbiculata HOOK. f.—R. A. K. Sastri, J. Bombay Nat. Hist. Soc. 65 (1968) 516.

Complete; India, Mal. Pen., N. Sumatra; delineated; occasional.

D. scorchedinii PRAIN & BURK.—R. S. Rao & K. K. Ahuja, Bull. Bot. Surv. India 10 (1968) 364.

Partial; SE. Asia, also incl. Malaya and Sumatra; delineated and localities indicated; partial revision.

DIPSACACEAE

Dipsacaceae—H. Meusel, Flora 158 (1969) 550 (E. Weinert).

Incomplete; Old World, also incl. S. India, Ceylon and E. Asia (erroneously omitting the genus *Triplostegia* in Malesia); delineated and some localities indicated; genera and species density; occasional.

DIPTEROCARPACEAE

Dipterocarpaceae—K. A. Chowdhury, The Palaeobotanist 14 (1966) 182.

Complete; Old World, also incl. Indo-Malesia; delineated, also fossil localities indicated; occasional.

Gottwald & Parameswaran, Bot. Jahrb. 85 (1966) 415.

Complete; Old World; delineated; species density; occasional.

H. G. Gutierrez, Acta Manilana 4, ser. A, pt. 2 (1968) f. 1, facing p. 4.

Complete; Old World tropics from Africa through S. Asia to Malesia; genera and species density; partial revision.

H. Walter/H. Straka, Arealkunde, Einführung i. d. Phytologie III/2, Stuttgart (1970) 92.

Complete; Africa, Madagascar, Indo-Malesia; delineated and shaded; occasional; after Hutchinson, emend.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 386.

Complete; Africa, Melagassy, Indo-Malesia; shaded.

subfam. Dipterocarpoideae—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 415.

Complete; Old World, Seychelles, Indo-Malesia (incl. the Louisiades); delineated; species density; occasional.

Dipterocarpeae—R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 193.
Complete; India to New Guinea; delineated; occasional.

Vaticeae—R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 193.
Complete; Indo-Malesia (excl. Java & Lesser Sunda Is); delineated; occasional.

Anisoptera KORTH.—A. K. & S. S. Ghosh, Science & Culture 24 (1958) 3.
Complete; SE. Asia, Malesia (not in Lesser Sunda Is, Celebes, S. Moluccas); delineated, also fossil localities indicated;

H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 423.
Complete; Indo-Malesia (not in E. Java, Lesser Sunda Is., S. Celebes, S. Moluccas); delineated; occasional.

A. polyandra BL.—H. Streimann, Timber Species Leaflet (Lae) no. 1 (1972).
Partial; E. New Guinea; shaded; field survey.

Balanocarpus BEDD.—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 423.
Complete; S. India and Ceylon, Mal. Pen.; delineated; occasional.

Cotylelobium PIERRE—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 429.
Complete; Ceylon, W. Malesia; delineated; occasional.

Dipterocarpus GAERTN.—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 429.
Complete; Indo-Malesia (not in E. Malesia); delineated; occasional.

D. conformis SLOOT. ssp. **borneensis** ASHTON—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 185.
Complete; Borneo; delineated and shaded; revision.

ssp. **conformis**—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 185.
Complete; Sumatra; delineated and shaded; revision.

D. geniculatus VESQUE ssp. **geniculatus**—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 185.
Complete; Sarawak; delineated and shaded; revision.

ssp. **grandis** ASHTON—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 185.
Complete; Borneo; delineated and shaded; revision.

D. stellatus VESQUE ssp. **parvus** ASHTON—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 185.
Complete; Borneo; delineated and shaded; revision.

ssp. **stellatus**—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 185.
Complete; Borneo; delineated; revision.

Dryobalanops GAERTN.—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 434.
Complete; W. Malesia; delineated; occasional.

R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 193.
Complete; W. Malesia; delineated; occasional.

Hopea ROXB.—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 440.
Complete; Indo-Malesia (not in E. Java, Lesser Sunda Is, S. Moluccas); delineated; occasional.

H. G. Gutierrez, Acta Manilana, 4, ser. A, pt. 2 (1968) f. 2, facing p. 9.
Complete; Old World, from India as far as New Guinea; delineated; species density; partial revision.

- H. acuminata** MERR.—H. G. Gutierrez, Acta Manilana 4, ser. A, pt. 2 (1968) f. 3, facing p. 10.
 Complete; Philippines: Luzon, Mindanao; localities indicated; partial revision.
- H. basilanica** FOXW.—H. G. Gutierrez, Acta Manilana 4, ser. A, pt. 2 (1968) f. 3, facing p. 10.
 Complete; Philippines: Basilan I.; localities indicated; partial revision.
- H. foxworthyi** ELM.—H. G. Gutierrez, Acta Manilana 4, ser. A, pt. 2 (1968) f. 3, facing p. 10.
 Complete; Philippines: Sibuyan I.; locality indicated; partial revision.
- H. malibato** FOXW.—H. G. Gutierrez, Acta Manilana 4, ser. A, pt. 2 (1968) f. 3, facing p. 10.
 Complete; Philippines: Luzon, Mindanao; localities indicated; partial revision.
- H. mindanensis** FOXW.—H. G. Gutierrez, Acta Manilana 4, ser. A, pt. 2 (1968) f. 3, facing p. 10.
 Complete; Philippines: Mindanao (Zamboanga Distr.); locality indicated; partial revision.
- H. philippinensis** DYER—H. G. Gutierrez, Acta Manilana 4, ser. A, pt. 2 (1968) f. 3, facing p. 10.
 Complete; Philippines; localities indicated; partial revision.
- H. plagata** (BLANCO) VIDAL—H. G. Gutierrez, Acta Manilana 4, ser. A, pt. 2 (1968) f. 3, facing p. 10.
 Complete; Philippines: Luzon, Mindanao; localities indicated; partial revision.
- H. quisumbingiana** GUTIERREZ—H. G. Gutierrez, Acta Manilana 4, ser. A, pt. 2 (1968) f. 3, facing p. 10.
 Complete; Philippines: Samar; locality indicated; partial revision.
- H. woodiana** GUTIERREZ—H. G. Gutierrez, Acta Manilana 4, ser. A, pt. 2 (1968) f. 3, facing p. 10.
 Complete; Philippines: Luzon, Mindanao; localities indicated; partial revision.
- Parashorea** KURZ—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 445.
 Complete; Indo-Malesia (not in Java, Celebes, and E. of it); delineated; occasional.
- Pentacme** A. DC.—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 445.
 Complete; SE. Asia, Philippines; delineated; occasional.
- Shorea** ROXB.—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 453.
 Complete; SE. Asia, W. Malesia incl. Philippines; delineated; occasional.
- P. Greguss, Tertiary Angiosperm Woods in Hungary (1969) 54.
 Complete; Old World, from the Himalayas through Malesia and New Guinea (not recent in the Lesser Sunda Is); delineated and fossil localities indicated; palaeobot.
- R. Schnell, Introd. Phylogéogr. Pays trop. 1 (1970) 193.
 Complete; India to Malesia (not Lesser Sunda Is); delineated; occasional.
- P. H. Davis *et al.* (ed.), Plant Life SW Asia (1971) 55.
 Complete; Asia, SE. Asia, Malesia (not Lesser Sunda Is); delineated; species density; occasional.

Shorea ROXB. subg. **Anthoshorea** HEIM ex BRANDIS—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 449.

Complete; Indo-Malesia (not in Java, S. and Centr. Celebes, and E. of it); delineated; occasional.

subg. **Richetia** SYM.—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 449.

Complete; Malesia (not in Java, Celebes, and E. of it); delineated; occasional.

subg. **Rubroshorea** MEIJER—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 453.

Complete; W. & Centr. Malesia (not in E. Java, Celebes, Lesser Sunda Is), and W. Moluccas; delineated; occasional.

subg. **Shorea**—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 453.

Complete; Indo-Malesia (not in E. Java, Celebes, and E. of it); delineated; occasional.

S. macroptera DYER ssp. **bailloni** (HEIM) ASHTON—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 168.

Complete; W. Borneo, Sarawak; delineated; revision.

ssp. **macroptera**—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 168.

Complete; W. Malesia (Sumatra to Malaya); delineated; revision.

ssp. **macropterifolia** ASHTON—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 168.

Complete; NW. Borneo; delineated; revision.

ssp. **sandakanensis** (SYM.) ASHTON—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 168.

Complete; Centr., NE. and E. Borneo; delineated; revision.

Upuna SYM.—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 460.

Complete; NW. part of Borneo; delineated; occasional.

Vatica L.—H. Gottwald & N. Parameswaran, Bot. Jahrb. 85 (1966) 465.

Complete; Indo-Malesia, excl. the greater part of Java and Lesser Sunda Is); delineated; occasional.

V. oblongifolia HOOK. f. ssp. *nov.*—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 186.

Complete; E. Sumatra; arrow; revision.

V. oblongifolia HOOK. f. ssp. **crassilobata** ASHTON—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 186.

Complete; NW. Borneo; delineated; revision.

ssp. **elliptifolia** ASHTON—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 186.

Complete; NW. Borneo; delineated; revision.

ssp. **multinervosa** ASHTON—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 186.

Complete; NW. & N. Borneo; delineated; revision.

ssp. **oblongifolia**—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 186.

Complete; Borneo; delineated; revision.

ssp. **selakoensis** ASHTON—P. S. Ashton, Biol. J. Linn. Soc. 1 (1969) 186.

Complete; S. Sarawak; arrows; revision.

DROSERACEAE

Droseraceae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 194d.

Partly; Old & New World, also incl. Indo-Malesia, Australia, Tasmania, New Zealand, Pacific (partly on map), S. America; delineated; localities indicated; species density; occasional.

Aldrovanda L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 50.

Complete; Old World, also incl. Japan and E. Australia; delineated; occasional.

A. vesiculosa L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 195d.

Complete; Old World, also incl. Timor, NE. Australia; delineated; localities indicated; occasional.

J. P. Lebrun, Bull. Soc. Bot. France 116 (1969) 368.

Partial; Africa; localities indicated; occasional.

H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2, Stuttgart (1970) 21.

Complete; Old World, also incl. Timor, Australia; localities indicated; species density; occasional; after Meusel *et al.*

Drosera L.—R. Schnell, Introd. Phytogéogr. Pays trop. I (1970) 114.

Complete; New & Old World; shaded; after Good.

Drosera L. sect. Drosera—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 194d.

Partial; Old & New World, also incl. E. Asia, Malesia (not Sumatra, Mal. Pen.), New Zealand, ? Pacific; delineated; shaded; species density; occasional.

D. indica L.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 112.

Partial; Malesia; localities indicated; occasional; after Fl. Mal.

D. pygmaea DC.—C. J. Burrows, Tuatara 13 (1965) 15.

Partial; New Zealand (the sp. also occurs in Australia); localities indicated; occasional.

D. rotundifolia L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 195a.

Partial; N. hemisphere; ssp. bracteata KERN & STEEN. found in W. New Guinea (cf. Fl. Mal. I, 5 1958, 557); delineated and shaded; occasional.

E. Hultén, Flora of Alaska (1968) 559.

Partial; N. hemisphere; delineated and localities Alaska indicated; occasional.

E. Hultén, The Circumpolar Plants II (Kungl. Sv. Vet. Akad. Handl. IV, 13, nr. 1, 1971) 104.

Partial; holarctic region; New Guinea indicated with an arrow; delineated and localities indicated; literature.

EBENACEAE

Ebenaceae—P. Greguss, Tertiary Angiosperm Woods in Hungary (1969) 97.

Complete; New & Old World, also incl. Malesia, the whole of New Guinea, N. half Australia, W. Pacific; delineated and hatched, fossil locality indicated; palaeobot.; after Berry.

Diospyros L.—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 385.

Complete; Old & New World, incl. Malesia and Pacific; shaded; modified from Fernald.

D. maritima BL.—Y. Horikawa, Atlas Jap. Flora (1972) map 309.

Partial; Ryu Kyu; localities indicated; literature + herb.

ELAEOCARPACEAE

Aristotelia L'HÉR.—M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 237.

Complete (5 spp.); Old & New World, Australia, New Zealand, Chile; delineated; literature + herb.

Elaeocarpus sylvestris (LOUR.) POIR.—Y. Horikawa, Atlas Jap. Flora (1972) map 210.

Partial; Japan to Taiwan; localities indicated; literature + herb.

EMPETRACEAE

Empetrum L.—D. Löve, Rhodora 62 (1960) 268.

Partial (3 spp.); New World; delineated; revision.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 393.

Complete; Bipolar, N. hemisphere, S. America, incl. Juan Fernandez; shaded; after Good.

E. rubrum VAHL—D. M. Moore, J. B. Harborne, C. A. Williams, Bot. J. Linn. Soc. Lond. 63 (1970) 287.

Partial; Patagonia, Juan Fernandez (not shown on map Tristan da Cunha and Gough Is); delineated; monograph.

EPACRIDACEAE

Epacridaceae—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. n. 12 (1964) 34.

Evidently the indicated area is pertaining to Pernettya Gaud., a genus treated on the same map; delineated; occasional.

H. Sleumer, Fl. Mal. I, 6 (1964) 422.

Complete; Indo-Malesia, Australia, Tasmania, New Zealand, Pacific, SW. South America; delineated; partial revision.

L. Croizat, Trop. Ecol. 8 (1967) 48; Proc. Symp. Rec. Adv. Trop. Ecol. 2 (1968) 556.

Complete; Old & New World, SE. Asia, Malesia, Australia, Tasmania, New Zealand, New Caledonia, Fiji, Polynesia, S. America; delineated; occasional.

Epacridaceae (some genera)—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 358.

Complete; New & Old World, also incl. Pacific; delineated; monograph; Sleumer.

Decatoca F.v.M.—H. Sleumer, Fl. Mal. I, 6 (1964) 436.

Complete; New Guinea; delineated; partial revision.

Dracophyllum densum W. R. B. OLIVER—J. Burrows, Tuatara 13 (1965) 16.

Complete; New Zealand (South I.); localities indicated; occasional.

- D. politum** (CHEESEM.) COCK.—J. Burrows, Tuatara 13 (1965) 16.
Complete; New Zealand (South I.); localities indicated; occasional.
- Styphelia** subg. **Cyathodes** (LAB.) DRUDE—H. Sleumer, Fl. Mal. I, 6 (1964) 426.
Complete; SE. New Guinea, Micronesia, SE. Australia, Tasmania, New Zealand, Centr. Pacific and Hawaii; delineated; partial revision.
- subg. **Leucopogon** (R. BR.) DRUDE—H. Sleumer, Fl. Mal. I, 6 (1964) 426.
Complete; Indo-Malesia, Australia, Tasmania, New Zealand, SW. Pacific; delineated; partial revision.
- Trochocarpa** R. BR.—H. Sleumer, Fl. Mal. I, 6 (1964) 436.
Complete; Malesia (Borneo, Celebes, New Guinea), E. Australia, Tasmania; delineated; partial revision.

EPHEDRACEAE

- Ephedra** L.—O. Staf, Denkschr. Akad. Wiss. Math. Nat. Kl. 56 (1889) (n.v.).
Complete; Old & New World.
- M.-B. Florin, Svensk Bot. Tidskr. 63 (1969) 155.
Complete; from the Mediterranean through S. Europe, Arabia and Asia (not indicated but fossil in Borneo!); shaded; occasional; after Staf 1889.

ERICACEAE

- Ericaceae, migration lines of **Erica** and **Rhododendron**—L. Croizat, Webbia 28 (1973) 198.
World.

tribe **Andromedae** group **Lyonia**—P. F. Stevens, Not. R. Bot. Gard. Edinb. 30 (1970) 352.
Complete; New & Old World, also incl. E. Asia & Japan, Malaya; delineated; anat. & morph.

- Agapetes** D. DON—H. Sleumer, Fl. Mal. I, 6 (1967) 879.
Complete; SE. Asia, Malaya, E. New Guinea, W. Pacific (New Caledonia, Fiji); delineated; partial revision.

- Costera** J. J. S.—H. Sleumer, Fl. Mal. I, 6 (1967) 742.
Complete; Malesia: Sumatra, Borneo, Philippines, Moluccas; delineated; species density: monograph.

- Dimorphanteria** F. v. M.—H. Sleumer, Fl. Mal. I, 6 (1967) 886.
Complete; N. & E. Malesia, New Ireland; delineated; species density; monograph.

- Diplycosia** BL.—H. Sleumer, Fl. Mal. I, 6 (1967) 696.
Complete; SE. Asia, Malesia; delineated; species density; partial revision.

- Gaultheria** L.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 14.
± Complete; tropics New & Old World and S. hemisphere, also incl. S. & SE. Asia, Malesia (in Lesser Sunda Is, Bali only), SE. Australia, Tasmania, New Zealand; delineated; literature.

H. Sleumer, Fl. Mal. I, 6 (1967) 678.

Partial; Malesia; species density; partial revision.

***Lyonia ovalifolia* (WALL.) DRUDE**—G. Klotz, Wissenschaftl. Zeitschr. M. Luther Univ. Halle 7 (1966) map 24.

Complete; Himalaya to China, Malaya, Sumatra; localities indicated; occasional.

H. Sleumer, Fl. Mal. I, 6 (1967) 675.

Partial; SE. Asia, Malaya; delineated; partial revision.

***Pernettya* GAUD.**—G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 178.

Complete; from Tasmania and New Zealand to S. & C. America; shaded and delineated; occasional.

G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. n. 12 (1964) 34.

Evidently the indicated area is pertaining to the Epacridaceae, a family treated on the same map; delineated; occasional.

***P. howellii* SLEUM.**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 392.

Complete; Galapagos Is; localities indicated; partial revision.

***Phyllodoce empetriformis* (Sm.) D. DON**—E. Hultén, Flora of Alaska (1968) 722.

Complete; Japan to W. North America; delineated and localities partly indicated; partial revision.

***Pieris* D. DON**—C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972) 109.

Complete; Old & New World, E. Asia, E. America; shaded; occasional.

***Pieris formosa* group**—H. Kanai, J. Fac. Sc. Univ. Tokyo 8 (1963) 332.

Partial; Asia, Japan; localities indicated; occasional.

***Pyrola* L. (3 series)**—B. Krisa, J. Jap. Bot. 44 (1969) 134.

Complete; N. hemisphere, also incl. N. Sumatra, N. Luzon (ser. Japonicae); delineated; partial revision.

B. Krisa, Bot. Jahrb. 90 (1971) 480.

Complete; N. hemisphere, also incl. N. Sumatra, N. Luzon; delineated; partial revision.

***Rhododendron* L.**—E. K. Janaki Ammal, Rhododendron Year Book R.H.S. (1950) 97 (see also 98).

Complete; New & Old World, also incl. Indo-Malesia (as far E. as Sumatra and Malaya), N. Australia; delineated (polyploids); occasional.

E. K. Janaki Ammal, Mem. Ind. Bot. Soc. 3 (1960) 4.

Complete; New & Old World; delineated (polyploids); occasional.

F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 14.

Partial; SE. boundary in Asia, also incl. Malesia, N. Australia, Solomons; delineated; literature.

G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 329.

Incomplete; New & Old World, also S. Malesia, incl. New Guinea (N. Australia and Solomons not indicated); shaded; occasional.

- C. D. Darlington, Chromosome Botany, ed. 2 N.Y. (1963) 82.
 Partial; Asia; delineated (polyploids); occasional; after E. K. Janaki Ammal 1950.
- H. Sleumer, Fl. Mal. I, 6 (1966) 475.
 Partial; Malesia, N. Australia, Bismarck Arch. and Solomons; delineated and localities indicated; species density; partial revision.
- A. Dostalkova, Ziva 19 (1971) 50.
 Complete; Old & New World, mainly N. hemisphere, also Malesia and N. Queensland; species density indicated by shading; occasional.
- Rhododendron** L. subg. **Azaleastrum** PLANCH. sect. **Choniastrum** FRANCH.—H. Sleumer, Fl. Mal. I, 6 (1966) 666.
 Partial; SE. Asia (S. limit); delineated; partial revision.
- subg. **Hymenanthes** (BL.) KOCH sect. **Hymenanthes** (BL.) ENDL. subsect. **Irrorata** SLEUM.—H. Sleumer, Fl. Mal. I, 6 (1966) 657.
 Partial; southern limit in E. Asia, W. Malesia (Sumatra, Mal. Pen.); delineated; localities in Malesia indicated; partial revision.
- subg. **Rhododendron** sect. **Vireya** (BL.) COPEL. subsect. **Albovireya** SLEUM.—H. Sleumer, Fl. Mal. I, 6 (1966) 538.
 Complete; Malesia: Sumatra, Java, Luzon, Celebes, New Guinea; delineated; partial revision.
- L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 102.
 Complete; Malesia; delineated and localities indicated; occasional; after Fl. Mal.
- subsect. **Euvireya** COPEL.—H. Sleumer, Fl. Mal. I, 6 (1966) 567.
 Complete; S. Indo-China, Malesia, N. Australia, Melanesia; delineated; partial revision.
- subsect. **Malayovireya** SLEUM.—H. Sleumer, Fl. Mal. I, 6 (1966) 527.
 Complete; S. Siam, Malesia (excl. Lesser Sunda Is and New Guinea); delineated; partial revision.
- subsect. **Phaeovireya** SLEUM.—H. Sleumer, Fl. Mal. I, 6 (1966) 527.
 Complete; Celebes, New Guinea; delineated; partial revision.
- subsect. **Pseudovireya** (CLARKE) SLEUM.—H. Sleumer, Fl. Mal. I, 6 (1966) 480.
 Partial; Indo-Malesia (excl. Lesser Sunda Is); delineated and \pm localities indicated; species density; partial revision.
- subsect. **Siphonovireya** COPEL.—H. Sleumer, Fl. Mal. I, 6 (1966) 527.
 Complete; New Guinea; delineated; partial revision.
- subsect. **Solenovireya** COPEL.—H. Sleumer, Fl. Mal. I, 6 (1966) 547.
 Complete; Malesia (excl. Java and Lesser Sunda Is); delineated; partial revision.
- L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 102.
 Complete; Malesia (not in S. part); delineated and localities indicated; occasional; after Fl. Mal.
- subg. **Tsutsutsi** (G. DON) POJARKOVA sect. **Tsutsutsi** SWEET—H. Sleumer, Fl. Mal. I, 6 (1966) 657.
 Partial; E. Asia, Luzon; delineated (S. limit in Asia); partial revision.

R. boninense NAKAI—Y. Horikawa, Atlas Jap. Flora (1972) map 278.
Complete; locality indicated; literature + herb.

R. brookeanum Low ex LINDL. (4 vars.)—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 108.
Complete; Sumatra, Malaya (introd.), Borneo; delineated and localities indicated; occasional; after Fl. Mal.

R. jasminiflorum HOOK. (5 vars.)—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 112.

Complete; Malesia: Sumatra, Malaya, Borneo, Philippines; localities indicated; occasional; after Fl. Mal.

R. javanicum (BL.) BENN. (3 vars.)—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 108.

Complete; Sumatra, Lingga & Natuna Is., Borneo, N. Celebes, Philippines; delineated; occasional; after Fl. Mal.

R. klossii RIDL.—H. Sleumer, Fl. Mal. I, 6 (1966) 666.

Complete; Indo-China, Mal. Pen.; localities indicated; partial revision.

R. moulmainense HOOK.—H. Sleumer, Fl. Mal. I, 6 (1966) 666.

Partial; E. Asia (S. limit), N. Mal. Pen; delineated; localities in Mal. Pen. indicated; partial revision.

Vaccinium L.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 14.

Complete; New & Old World, also incl. S. & SE. Asia, Malesia, Pacific; delineated; ± species density; literature.

F. J. W. Bader, Webbia 19 (1965) 535.

Complete; New & Old World, also incl. Malesia and part of Pacific; delineated; occasional.

R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 167.

Complete; New & Old World, also Malesia and Pacific (mountains in the tropics); shaded; occasional; after Good.

Vaccinium sect. **Bracteata** NAKAI—H. Sleumer, Fl. Mal. I, 6 (1967) 792.

Partial; SE. Asia, Malesia, W. Pacific (New Caledonia, New Hebrides); delineated; species density; partial revision.

sect. **Galeopetalum** (J. J. S.) SLEUM.—H. Sleumer, Fl. Mal. I, 6 (1967) 748.

Partial; SE. Asia, W. Malesia (Sumatra, Malaya, Java); delineated; species density; partial revision.

sect. **Neojunguhuhnia** (KOORD.) SLEUM.—H. Sleumer, Fl. Mal. I, 6 (1967) 753.

Complete; New Guinea; delineated; species density; monograph.

sect. **Oarianthe** SCHLTR.—H. Sleumer, Fl. Mal. I, 6 (1967) 765.

Complete; N. & E. Malesia, Pacific (Solomons, Samoa); delineated; species density; partial revision.

sect. **Pachyanthum** SLEUM.—H. Sleumer, Fl. Mal. I, 6 (1967) 748.

Complete; E. New Guinea; delineated; species density; monograph.

sect. **Rigolepis** (HOOK. f.) J. J. S.—H. Sleumer, Fl. Mal. I, 6 (1967) 753.

Complete; W. Malesia (incl. Borneo); delineated; species density; monograph.

ESCALLONIACEAE see Saxifragaceae

EUCRYPHIACEAE

Eucryphia CAV.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 320.
Complete; SE. Australia, Tasmania, Chile; delineated; occasional.

EUPHORBIACEAE

Tribe **Dissiliariinae**—L. Croizat, Mém. Soc. Brot. 23 (1973) 50.
Complete; Old World, India to Malaya, Queensland & New Caledonia; shaded;
occasional.

Acalypha australis L.—Y. Horikawa, Atl. Jap. Flora (1972) map 156.
Partial; Japan, Ryu Kyu, E. Asia; localities indicated; literature + herb.

A. flaccida HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 568.
Complete; Galapagos Is; locality indicated; partial revision.

A. parvula HOOK. f. (4 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971)
568, 572.
Complete; Galapagos Is; localities indicated; partial revision.

A. sericea ANDERSS. (3 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971)
572.
Complete; Galapagos Is; localities indicated; partial revision.

A. velutina HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 572.
Complete; Galapagos Is; locality indicated; partial revision.

A. wigginsii WEBSTER—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 574.
Complete; Galapagos Is; localities indicated; partial revision.

Aleurites moluccana WILLD.—H. C. Hoh, Lingn. Sci. J. 18 (1939) 311, 313.
Partial; China (Kwantung and Kwangsi), introd.; localities indicated; partial revision.

Bischofia javanica BL.—M. M. J. van Balgooy & E. F. de Vogel, Pac. Pl. Ar. 3 (1975)
181.
Complete; S. & E. Asia to Polynesia and Queensland; delineated and localities
indicated; species density; literature + herb.

Chaetocarpus THWART.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 272.
Complete; Tropics New & Old World, incl. Ceylon, SE. Asia (with Malaya and
Borneo); delineated; occasional.

Chamaesyce abdita BURCH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971)
574.
Complete; Galapagos Is; locality indicated; partial revision.

Ch. amplexicaulis (HOOK. f.) BURCH—I. L. Wiggins & D. M. Porter, Flora Galapagos
Is (1971) 574.
Complete; Galapagos Is; localities indicated; partial revision.

- Ch. bindloensis** (STEW.) BURCH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 574.
Complete; Galapagos Is; localities indicated; partial revision.
- Ch. galapageia** (ROBINS. & GREENM.) BURCH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 574.
Complete; Galapagos Is; localities indicated; partial revision.
- Ch. hirta** (L.) MILLSP.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 579.
Partial; Galapagos Is; locality indicated; partial revision.
- Ch. nummularia** (HOOK. f.) BURCH (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 579.
Complete; Galapagos Is; localities indicated; partial revision.
- Ch. ophthalmica** (PERS.) BURCH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 579.
Partial; Galapagos Is; localities indicated; partial revision.
- Ch. punctulata** (ANDERSS.) BURCH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 579.
Complete; Galapagos Is; localities indicated; partial revision.
- Ch. recurva** (HOOK. f.) BURCH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 582.
Complete; Galapagos Is; localities indicated; partial revision.
- Ch. viminea** (HOOK. f.) BURCH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 582.
Complete; Galapagos Is; localities indicated; partial revision.
- Croton cascarilloides** RAEUSCH.—Y. Horikawa, Atlas Jap. Flora (1972) map 157.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- C. scouleri** HOOK. f. (4 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 584.
Complete; Galapagos Is; localities indicated; partial revision.
- Daphniphyllum** Bl., see sub Daphniphyllaceae.
- Endospermum** BTH.—J. Schaeffer, Blumea 19 (1971) 178.
Complete; SE. & E. Asia, through Malesia (not Java and Lesser Sunda Is) to Fiji; delineated and localities Fiji indicated; revision.
- E. banghamii** MERR.—J. Schaeffer, Blumea 19 (1971) 189.
Complete; Sumatra; locality indicated; revision.
- E. diadenum** (MIQ.) AIRY SHAW—J. Schaeffer, Blumea 19 (1971) 183.
Complete; Penins. Thailand, Mal. Pen. and Sumatra to Borneo; localities indicated; revision.
- E. domatiphorum** J. SCHAEFFER—J. Schaeffer, Blumea 19 (1971) 188.
Complete; New Guinea; localities indicated; revision.
- E. macrophyllum** (M. A.) PAX & HOFFM.—J. Schaeffer, Blumea 19 (1971) 178.
Complete; Fiji Is; localities indicated; revision.

- E. medullosum** L. S. SMITH—T. C. Whitmore, Philos. Trans. R. Soc. Lond. ser. B, 255 (1969) 552.
Complete; E. Malesia, Melanesia; delineated; occasional.
- J. Schaeffer, Blumea 19 (1971) 189.
Complete; New Guinea (and islands), New Britain, Solomons, N. Queensland; localities indicated; revision.
- H. Streimann, Timber Species Leaflet (Lae) no. 6 (1972).
Partial; E. New Guinea, N. Britain; Bougainville; shaded; field survey.
- E. moluccanum** (T. & B.) KURZ—J. Schaeffer, Blumea 19 (1971) 183.
Complete; from Celebes eastwards as far as the Solomons; localities indicated; revision.
- E. myrmecophilum** L.—J. Schaeffer, Blumea 19 (1971) 187.
Complete; E. New Guinea; localities indicated; revision.
- E. ovatum** MERR.—J. Schaeffer, Blumea 19 (1971) 188.
Complete; Mindanao; locality indicated; revision.
- E. peltatum** MERR.—J. Schaeffer, Blumea 19 (1971) 187.
Complete; from Andamans and Penins. Thailand to Mal. Pen., Borneo, Philippines, N. Celebes; localities indicated; revision.
- E. quadriloculare** PAX & HOFFM.—J. Schaeffer, Blumea 19 (1971) 187.
Complete; S. Sumatra; locality indicated; revision.
- E. ronaldii** J. SCHAEFFER—J. Schaeffer, Blumea 19 (1971) 188.
Complete; Malaya (actually in Tioman I. and not on mainland); locality indicated; revision.
- Euphorbia see also sub Chamaesyce.
- Euphorbia** sect. **Euphorbium** subsect. **Diacanthium**—H. Meusel in Gersch, Vortr. mod. Probl. Abst. Lehre 1 (1965) 122.
Complete; Old World, from Africa through India to Indonesia (not New Guinea); delineated and hatched; species density; occasional; made by Hanelt.
- E. chamissonis** BOISS.—Y. Horikawa, Atlas Jap. Flora (1972) map 161.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- E. equisetiformis** STEW.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 584.
Complete; Galapagos Is; locality indicated; partial revision.
- Excoecaria agallocha** L.—Y. Horikawa, Atlas Jap. Flora (1972) map 162.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- Glochidion zeylanicum** (GAERTN.) A. Juss.—Y. Horikawa, Atlas Jap. Flora (1972) map 163.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- Hippomane mancinella** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 589.
Partial; Galapagos Is; localities indicated; partial revision.

- Jatropha curcas** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 589.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.
- Macaranga depressa** MUELL. ARG.—T. C. Whitmore, Biol. J. Linn. Soc. 1 (1969) 229.
 Complete; Sumatra, Borneo; delineated; indicated; revision (Shaw).
- M. divergens** MUELL. ARG.—T. C. Whitmore, Biol. J. Linn. Soc. 1 (1969) 229.
 Complete; Bangka, Borneo, Philippines; localities indicated; revision (Shaw).
- M. heynii** I. M. JOHNSTON—T. C. Whitmore, Biol. J. Linn. Soc. 1 (1969) 226.
 Partial; Malaya; localities indicated; revision (Shaw).
- M. hullettii** KING—T. C. Whitmore, Biol. J. Linn. Soc. 1 (1969) 229.
 Complete; Malaya, delineated; revision (Shaw).
- M. kingii** HOOK. f.—T. C. Whitmore, Biol. J. Linn. Soc. 1 (1969) 229.
 Complete; from S. Malaya to W. Borneo; delineated; revision (Shaw).
- M. laciniata** AIRY SHAW & WHITMORE (ined.)—T. C. Whitmore, Biol. J. Linn. Soc. 1 (1969) 226.
 Partial; Malaya; localities indicated; revision (Shaw).
- M. quadricornis** RIDLEY—T. C. Whitmore, Biol. J. Linn. Soc. 1 (1969) 229, 230.
 Complete; Malaya; shaded; localities indicated; revision (Shaw).
- M. tanarius** (L.) MUELL. ARG.—Y. Horikawa, Atlas Jap. Flora (1972) 165.
 Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- M. tenuifolia** MUELL. ARG.—T. C. Whitmore, Biol. J. Linn. Soc. 1 (1969) 229.
 Complete; Bangka; delineated; revision (Shaw).
- M. triloba** MUELL. ARG.—T. C. Whitmore, Biol. J. Linn. Soc. 1 (1969) 229.
 Complete; from Sumatra and Java NE. to Malaya, Borneo and Philippines; delineated; revision (Shaw).
- Mallotus philippensis** (LAMK.) MUELL. ARG.—Y. Horikawa, Atlas Jap. Flora (1972) map 167.
 Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- Manihot esculenta** CRANTZ—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 589.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.
- Melanolepis multiglandulosa** (REINW.) REICHB. f. & ZOLL.—Y. Horikawa, Atlas Jap. Flora (1972) map 168.
 Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- Phyllanthus caroliniensis** WALT.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 589.
 Partial; Galapagos Is; localities indicated; partial revision.
- Ricinus communis** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 589.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.
- Sapium P. Br.**—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärfpflanzen... (Inaug. Diss. München 1944, Typescript) map 10.
 Complete; New & Old World, also incl. Indo-Malesia and Japan; delineated; occasional; after Pax.

EUPOMATIACEAE

Eupomati laurina R. Br.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 152.

Complete; E. Australia, New Guinea; localities indicated; literature + herb.

FABACEAE see Leguminosae

FAGACEAE see also Cupuliferae

Castanopsis SPACH—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 2.

Complete; New & Old World, incl. SE. Asia, Indonesia (not E. of Java and Celebes); delineated; occasional.

G. Krüssmann, Handb. d. Laubgehölze 1 (1960) 285.

Incomplete; SE. Asia and W. Malesia, but rightly also occurring in California and New Guinea; delineated; arrow; occasional.

F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 5.

Complete; NW. America, Himalaya to E. & SE. Asia, Malesia (not Lesser Sunda Is); delineated; \pm species density; literature.

Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 121b.

Complete; Old & New World, incl. E. Asia, Indo-Malesia, NW. American Pacific coast; delineated and centre of development; occasional.

E. Soepadmo, Fl. Mal. I, 7 (1972) 296.

Complete; NE. India, E. Asia, Malesia, SW. North America; shaded; fossil localities indicated; partial revision.

E. Soepadmo, Fl. Mal. I, 7 (1972) 298.

Partial; Malesia; species density; partial revision.

Cyclobalanopsis lineata OERST.—G. Klotz, Wissenschaft. Zeitschr. M. Luther Univ. Halle 7 (1966) map 18.

Complete; SE. Asia, Java; localities indicated; occasional.

Fagus L.—C. G. G. J. van Steenis, Blumea 19 (1971) 88; Fl. Mal. I, 7 (1972) 278; in Valentine (ed.), Taxon. Phytogeogr. & Evol. (1972) 275.

Complete; N. hemisphere; delineated; localities (also fossil) indicated; occasional.

Fagus L. (3 spp)—R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 140.

Complete; N. hemisphere; delineated and shaded; fossil localities indicated; after Walter 1954, modified.

Fagus L.—C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972) 111.

Complete; Old & New World, N. hemisphere; shaded and localities indicated; after Tralau and Little.

Lithocarpus BL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 6.

Complete; W. coast U.S.A., S. & SE. Asia, Malesia (incl. the whole of New Guinea; Lesser Sunda Is erroneously incl. ? see text); delineated; \pm species density; literature.

Lithocarpus Bl. s.l.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 121c.

Complete; Old & New World, incl. E. Asia, Indo-Malesia, Pacific coast NW. America; delineated; centre of development; occasional.

Lithocarpus Bl.—E. Soepadmo, Reinwardtia 8 (1970) 199; Fl. Mal. I, 7 (1972) 319.

Complete; from NE. India to S. and E. Asia, Malesia, Sudest and Rossel Is, W. coast U.S.A.; delineated and shaded; fossil localities indicated; partial revision.

E. Soepadmo, Fl. Mal. I, 7 (1972) 325.

Partial; Malesia; species density; partial revision.

Nothofagus Bl.—R. Scharfetter, Biogr. Pflanzensippen (1953) 54.

Complete; New Guinea not indicated; delineated; after E. Irmscher 1922.

H. E. Dadswell & H. D. Ingle, Austr. J. Bot. 2 (1954) 144.

Complete; (S. Pacific); species names are added but not localized. Generic area is roughly indicated; delineated; occasional.

F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 5.

Complete; S. hemisphere, S. America, New Guinea, E. Australia, Tasmania, New Zealand, New Caledonia; delineated; ± species density; literature.

G. Krußmann, Handb. d. Laubgehölze 1 (1960) 440.

Complete; SE. Australia and New Zealand (New Guinea not indicated); arrows; occasional.

Y. Kobayashi, J. Jap. Bot. 39 (1964) 217.

Complete; New & Old World, New Guinea and Melanesia, E. Australia, Tasmania, New Zealand, extreme S. America; delineated; partial revision.

P. Wardle, New Zeal. J. Bot. 2 (1964) 356.

Partial; New Zealand; shaded; localities indicated; occasional.

P. J. Darlington, Biogeography of the Southern End of the World, Harvard Univ. Press, Cambridge Mass. (1965) 141.

Complete; S. America, New Zealand, New Caledonia, SE. Australia, New Guinea; delineated; fossil records indicated; occasional.

Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 120c.

± Complete; Old & New World, incl. New Guinea, E. Australia, Tasmania, New Zealand, S. America; delineated and shaded; occasional.

N. M. Wace, 'Vascular plants' in Van Oye & Van Mieghem, Biogeography in Antarctica, Monogr. Biol. 15 (1965) 211.

Complete; New Guinea, New Caledonia, Australia, Antarctic S. America, Subantarctic Is, Antarctica; delineated and shaded; fossil localities indicated; species density; occasional.

H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie, Stuttgart (1970) 161.

Complete; S. America, New Guinea, E. Australia, Tasmania, New Zealand; delineated; shaded and fossil; occasional.

B. Seddon, Introd. Biogeogr. (1971) 125.

Complete; New Guinea, Australia, New Caledonia, New Zealand, S. America; shaded and localities indicated; after Pac. Pl. Ar.

- R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 140.
 Complete; S. hemisphere; delineated and shaded; occasional; after Walter 1954.
- C. G. G. J. van Steenis, Blumea 19 (1971) 88; Fl. Mal. I, 7 (1972) 278; in Valentine (ed.) Taxon. Phytogeogr. & Evol. (1972) 275.
 Complete; S. hemisphere: New Guinea to New Caledonia, S. & E. Australia, Tasmania, New Zealand, S. America; also fossil localities indicated; partial revision.
- R. F. Thorne, Trop. For. Ecosyst. in Afr. & S. Amer. (1973) 38.
 Complete; shaded; after Pac. Pl. Ar.
- N. cunninghamii** OERST.—T. M. Howard & D. H. Ashton, Proc. R. Soc. Vict. 86 (1973) 48.
 Complete; SE. Australia, Tasmania; shaded; occasional.
- N. fusca** (HOOK. f.) OERST.—P. Wardle, New Zeal. J. Bot. 1 (1963) 12.
 Complete; New Zealand; localities indicated; occasional.
- N. solandri** HOOK. f.—J. Wardle, New Zeal. J. Bot. 8 (1970) 495, 496.
 Complete; New Zealand; shaded on gridmap; herb., ecological survey.
- Pasania spicata** OERST.—G. Klotz, Wissenschaft. Zeitschr. M. Luther Univ. Halle 7 (1966) map 8.
 Complete; E. India to Java; localities indicated; occasional.
- Quercus** L.—R. Scharfetter, Biogr. Pflanzensippen (1953) 61.
 Complete; delineated and fossil localities indicated; occasional; after E. Irmscher 1922.
- F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 6.
 Complete; New & Old World, also incl. SE. Asia, W. Malesia (as far as Java, Borneo, Philippines); delineated; \pm species density; literature.
- G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 295.
 Incomplete; New & Old World, also incl. SE. Asia, Sumatra, and Malaya (in reality many species occurring in Java and especially Borneo); delineated; occasional.
- E. Soepadmo, Gard. Bull. Sing. 22 (1968) 419; Fl. Mal. I, 7 (1972) 286.
 \pm Complete; New & Old World, especially in the N. hemisphere; also incl. W. Malesia (with Java and Borneo); shaded; partial revision; Fl. Mal. with fossil localities.
- Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 121c.
 Complete; New & Old World, also incl. E. Asia, Indo-Malesia (not E. of Borneo, Java, Philippines); delineated and shaded; occasional.
- H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2, Stuttgart (1970) 172.
 Complete; New & Old World, also incl. W. Malesia (with Borneo and Philippines), N. Pacific; delineated; occasional.
- E. Soepadmo, Fl. Mal. I, 7 (1972) 389.
 Partial; Malesia; species density; partial revision.
- Quercus** L. subgen. **Cyclobalanopsis** (OERST.) SCHNEIDER—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 420.
 Partial; Malesia (W. part, also incl. Borneo and Palawan); delineated; partial revision.

- Q. argentata** KORTH.—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 421.
Complete; W. Malesia, also incl. Borneo (and ? P. Laoet); localities indicated; partial revision.
- Q. chrysotrycha** A. CAMUS—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 424.
Complete; Borneo (Sarawak); localities indicated; partial revision.
- Q. elmeri** MERR.—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 427.
Complete; Sumatra, Malaya, Borneo; localities indicated; partial revision.
- Q. gaharuensis** E. SOEPADMO—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 421.
Complete; Sumatra, Malaya, Borneo; localities indicated; partial revision.
- Q. gemelliflora** BL.—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 425.
Complete; W. Malesia, also incl. Java and Borneo; localities indicated; partial revision.
- Q. kerangasensis** E. SOEPADMO—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 424.
Complete; NW. Borneo (Brunei, Sarawak); localities indicated; partial revision.
- Q. kinabaluensis** E. SOEPADMO—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 424.
Complete; N. Borneo (Mt Kinabalu); localities indicated; partial revision.
- Q. lineata** BL.—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 426.
Complete; W. Malesia, also incl. Java and Borneo; localities indicated; partial revision.
- Q. lowii** KING—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 423.
Complete; Borneo; localities indicated; partial revision.
- Q. merrillii** VON SEEMEN—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 424.
Complete; Borneo, Palawan (P. I.); localities indicated; partial revision.
- Q. nivea** KING—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 420.
Complete; NW. Borneo, Sarawak; localities indicated; partial revision.
- Q. oidocarpa** KORTH.—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 422.
Complete; Sumatra, Malaya, W. Java; localities indicated; partial revision.
- Q. percociacea** E. SOEPADMO—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 422.
Complete; Borneo (Sarawak); localities indicated; partial revision.
- Q. pseudo-verticillata** E. SOEPADMO—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 420.
Complete; W. Borneo, Sabah (Mt Kinabalu); localities indicated; partial revision.
- Q. steenisii** E. SOEPADMO—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 420.
Complete; N. Sumatra; localities indicated; partial revision.
- Q. subsericea** A. CAMUS—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 423.
Complete; W. Malesia, also incl. W. Java and Borneo; localities indicated; partial revision.
- Q. sumatrana** E. SOEPADMO—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 422.
Partial; Sumatra, Borneo; localities indicated; partial revision.

- Q. treubiana** VON SEEMEN—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 426.
Complete; Borneo (according to the text in Sumatra too but not indicated); localities indicated; partial revision.
- Q. valdinervosa** E. SOEPADMO—E. Soepadmo, Gard. Bull. Sing. 22 (1968) 425.
Complete; Borneo; localities indicated; partial revision.
- Trigonobalanus** FORMAN (1 sp.)—D. H. Mai, Jb. Geol. 3 für 1967 (1970) 396.
Complete; Indo-Malesia; localities indicated; occasional.
- T. doichangensis** (A. CAMUS) FORMAN—E. Soepadmo, Fl. Mal. I, 7 (1972) 403.
Complete; N. Thailand; locality indicated; partial revision.
- T. verticillata** FORMAN—E. Soepadmo, Fl. Mal. I, 7 (1972) 403.
Complete; Mal. Pen. to Celebes; localities indicated; partial revision.

FICOIDACEAE see Aizoaceae

FLACOURTIACEAE

- Azara** RUIZ & PAVON—A. C. Brade, A Flora do Parque Nacional do Itatiaia, Bol. 5 (1956) map 5.
Complete; S. America, Juan Fernandez Is; delineated; occasional.
- Scolopia** SCHREB.—H. Sleumer, Blumea 20 (1972) 28.
Complete; Africa, S. India, and Ceylon through Malesia to the Bismarck and NE. E. Australia; delineated; revision.

FLAGELLARIACEAE

- Joinvillea ascendens** BRONGN. & GRIS (4 ssp.)—T. K. Newell, J. Arn. Arbor. 50 (1969) 528.
Complete; W. Malesia, New Caledonia, Samoa, Hawaii; delineated and shaded; revision.
- J. plicata** (HOOK. f.) NEWELL & STONE (2 ssp.)—T. K. Newell, J. Arn. Arbor. 50 (1969) 528.
Complete; Solomons, New Caledonia, New Hebrides, Fiji, Samoa; delineated and shaded; revision.

FRANKENIACEAE

- Frankenia** L. (different series)—L. Croizat, Trop. Ecol. 8 (1967) 50.
Partial; Australia; delineated; occasional.

FUMARIACEAE (Papaveraceae)

- Dicentra** BORKH.—R. Y. Berg. Nytt Magasin for Botanikk 16 (1969) 72.
Complete; (bicontinental N. hemisphere; not in Malesia); shaded.

GENTIANACEAE

Enicostema axillare (LAM.) A. RAYNAL ssp. *axillare*—A. Raynal, Adansonia 9 (1969) 82.
Complete; Old World from Africa to India, Ceylon,? Vietnam; localities indicated; revision.

ssp. *littorale* (BL.) A. RAYNAL—A. Raynal, Adansonia 9 (1969) 82.
Complete; S. Malesia (Java, Madura, Lesser Sunda Is); localities indicated; revision.

Fauria crista-galli (MENZIES) MAKINO—E. Hultén, Flora of Alaska (1968) 762.
Complete; Japan, W. North America; delineated and localities partly indicated; partial revision.

Gentiana L.—R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 167.
Complete; New & Old World, incl. mountains of the tropics (not in Africa); shaded; occasional.

Liparophyllum gunnii HOOK. f.—C. J. Burrows, Tuatara 13 (1965) 17.
Partial; New Zealand (the sp. also occurs in Tasmania); localities indicated; occasional.

Swertia bimaculata (SIEB. & ZUCC.) HOOK. f. et THOMS.—H. Kanai, J. Fac. Sc. Univ. Tokyo 8 (1963) 319.
Partial; Asia, Japan; localities indicated; occasional.

GERANIACEAE

Geranium homeanum TURCZ.—R. C. Carolin, Proc. Linn. Soc. N. S. Wales 89 (1965) 348.
Complete; (Java, SE. Australia New Zealand); delineated; monograph.

G. nepalense SWEET—H. Kanai, J. Fac. Sc. Univ. Tokyo, vol. 8 (1963) 321.
Partial; Asia, Japan; localities indicated; occasional.

G. potentilloides L'HÉR. ex DC. and **G. magellanicum** HOOK. f., *cum spp. aff.*—R. C. Carolin, Proc. Linn. Soc. N. S. Wales 89 (1965) 339.
Complete; (S. America, New Zealand, Tasmania, SE. Australia, Malesia); delineated; monograph.

G. sessiliflorum CAV.—R. C. Carolin, Proc. Linn. Soc. N. S. Wales 89 (1965) 355.
Complete; (S. America, New Zealand, SE. Australia); delineated; monograph.

Pelargonium L'HÉR.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 643.
Complete; Old World, incl. tropical E. Africa, Yemen, Asia Minor, S. half of Australia, Tasmania, New Zealand; delineated; occasional.

M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 70.
Complete; Old World, incl. New Zealand; delineated; after Pac. Pl. Ar.

GESNERIACEAE

Gesneriaceae—H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2 (1970) 33.
Complete; delineated and shaded; occasional; after Vester.

- subfam. **Cyrtandroideae** (excl. tribe **Klugieae**)—B. L. Burtt, Phenet. & Phylogen. Class. Syst. Ass. Publ. 6 (1964) 8.
 Complete; Africa; E. Asia, Indo-Malesia, NE. Australia, Pacific; delineated and shaded; monograph.
- subfam. **Cyrtandroideae** tribe **Klugieae**—B. L. Burtt. Phenet. & Phylogen. Class. Syst. Ass. Publ. 6 (1964) 8.
 Complete; Old & New World; from Africa through Indo-Malesia to somewhat E. of New Guinea, and Centr. America; delineated; monograph.
- subfam. **Gesnerioideae** tribe **Coronanthereae**, actually the range of tribe **Gesnerieae** is shown—B. L. Burtt, Phenet. & Phylogen. Class. Syst. Ass. Publ. 6 (1964) 8.
 Complete; Centr. & S. America, Galapagos Is; delineated and shaded; monograph.
- tribe **Gesnerieae**, actually the range of tribe **Coronanthereae** is shown—B. L. Burtt, Phenet. & Phylogen. Class. Syst. Ass. Publ. 6 (1964) 8.
 Complete; E. Australia, New Zealand, New Caledonia; delineated; shaded; monograph.
- tribe **Mitrarieae**—B. L. Burtt, Phenet. & Phylogen. Class. Syst. Ass. Publ. 6 (1964) 8.
 Complete; subantarctic; SE. Australia, W. coast S. America and islands S. of it; delineated and shaded; monograph.
- Beccarinda cordifolia** (ANTHONY) B. L. BURTT—R. S. Rao & K. K. Ahuja, Bull. Bot. Surv. India 10 (1969) 362.
 Partial; extension of genus in SE. Asia; delineated and localities indicated; partial revision.
- Cyrtandra** J. R. & G. FORST.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) 19.
 Partial; Oahu (Hawaii Is); species density; partial revision.
- G. W. Gillett, Contr. U. S. Nat. Herb. 37 (1967) 113.
 Partial; Fiji Is; species density; partial revision.
- G. W. Gillett, J. Arn. Arb. 51 (1970) 242.
 Complete; SE. Asia, Malesia, NE. Australia, Pacific; delineated; partial revision.
- M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 66.
 Complete; Malesia; Queensland, Pacific E. to Hawaii and SE. Polynesia; delineated; after Pac. Pl. Ar.
- G. W. Gillett, Un. Cal. Publ. Bot. 66 (1973) 7, 9, 11, 12.
 Partial; New Hebrides, Samoa, Tonga and SE. Polynesia; species density; partial revision.
- G. W. Gillett, Un. Cal. Publ. Bot. 66 (1973) 2.
 Partial; range of the genus in the S. Pacific E. of Solomons; delineated; partial revision.
- Cyrtandra** J. R. & G. FORST. sect. **Chaetocalyces** HILLEBR.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) 21.
 Partial; Oahu (Hawaii Is); localities indicated; partial revision.
- sect. **Crotonocalyces** HILLEBR.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) 22.
 Partial; Oahu (Hawaii Is); localities indicated; partial revision.

- sect. **Cylindrocalyces** HILLEBR.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) 23.
 Partial; Oahu (Hawaii Is); localities indicated; partial revision. ..
- sect. **Microcalyces** HILLEBR.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) 21.
 Partial; Oahu (Hawaii Is); localities indicated; partial revision.
- sect. **Schizocalyces** HILLEBR.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) 22.
 Partial; Oahu (Hawaii Is); localities indicated; partial revision.
- sect. **Verticillatae** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) 24.
 Partial; Oahu (Hawaii Is); localities indicated; partial revision.
- Cyrtandra adpressipilosa** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966)
 f. 194.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. alata** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. alnea** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. ambigua** (HILLEBR.) ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229
 (1966) f. 185.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. arcuata** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 188.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. atomigyna** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966)
 f. 193.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. axilliflora** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966)
 f. 189.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. basipartita** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. brevicalyx** (HILLEBR.) ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f.
 195.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. brevicornuta** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 188.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. bryani** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. calpidicarpa** (ROCK) ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull.
 229 (1966) f. 192.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. calycoschiza** (ST. JOHN & STOREY) ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull.
 229 (1966) f. 192.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.

- C. campaniformis** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 186.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. carinata** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. caudatisepala** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 194.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. charadraia** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 192.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. chartacea** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 188.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. christophersenii** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 195.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. collarifera** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. cordifolia** GAUD. (2 vars.)—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185,
186.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. cornuta** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 193.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. crassior** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 195.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. crenata** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 186.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. cupuliformis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. degenerans** (WAWRA) HELLER—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. dentata** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 186.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. ellipticifolia** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. elliptisepala** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. ferrocolorata** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.

- C. ferruginosa** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. forbesii** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. fosbergii** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 188.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. frederickii** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 186.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. fusiformis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. garberi** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 193.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. garnotiana** GAUD.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. gracilis** HILLEBR.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. grandiflora** GAUD. (2 formae)—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187, 191.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. hirsutula** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 195.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. honoluluensis** WAWRA—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 194.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. hosakae** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. hyperdasa** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 193.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. infrapallida** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. infundibuliformis** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. intonsa** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. intrapilosa** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.

- C. intravillosa** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. kaalae** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. kahanaensis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. kahukuensis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. kailuaensis** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 193.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. kalichii** WAWRA—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. kaluanuiensis** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 186.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. kaneoheensis** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. kaulantha** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. kipapaensis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. koolaaensis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. laevis** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. latebrosa** HILLEBR.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. laxiflora** MANN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. lessoniana** GAUD. (4 vars.)—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 188.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. leucocalyx** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 193.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. linearis** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 192.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.

- C. longicalyx** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 186.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. longiloba** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 192.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. macraei** A. GRAY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. manni** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. megastigmata** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 192.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. niuensis** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 192.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. nubincolens** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. oahuensis** Lév.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. oblanceolata** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966)
f. 192.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. olivacea** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 192.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. opaeulae** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. oulophylla** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f.
189.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. paloloensis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f.
190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. paludosa** GAUD. var. **paludosa**—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f.
195.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. partita** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. pearsallii** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 194.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. perstaminodica** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. piligyna** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.

- C. plurifolia** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. paomoehoensis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. polyantha** C. B. CLARKE—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. propinquua** C. N. FORB.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. pruinosa** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 195.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. pubens** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. pupukeaensis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. reflexa** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 188.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. rivularis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. rockii** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 192.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. scabrella** C. B. CLARKE—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 187.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. sandwicensis** (Lév.) ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. sessilis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. skottsbergii** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 195.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. stupantha** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. subcordata** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. subintegra** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 193.
 Complete; Oahu (Hawaii Is); localities indicated; partial revision.

- C. subrecta** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. subumbellata** (HILLEBR.) ST. JOHN & STOREY (2 vars.)—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 186, 192.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. ternata** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 190.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. tristis** HILLEBR.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 192.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. turbiniformis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. (1966) f. 195.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. vanioti** Lév.—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 191.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. villicalyx** ST. JOHN & STOREY (2 vars.)—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 189.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. villosa** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 185.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. villosiflora** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 186.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. viridiflora** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 188.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. waianaeensis** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 188.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. waianuenensis** ROCK—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 188.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. waiolani** WAWRA (2 vars.)—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 188, 193.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. waiomaoensis** ST. JOHN—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 195.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- C. wilderi** ST. JOHN & STOREY—H. St. John, Bern. P. Bish. Mus. Bull. 229 (1966) f. 195.
Complete; Oahu (Hawaii Is); localities indicated; partial revision.
- Protocyrtandra** HOSOKAWA (*Cyrtandra todaiensis* KANEH.)—G. W. Gillett, J. Arn. Arb. 51 (1970) 242.
Complete; Carolines (Palau); delineated; partial revision.
- Rhynchotechum discolor** (MAXIM.) B. L. BURTT—Y. Horikawa, Atlas Jap. Flora (1972) map 347.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.

GINKGOACEAE see Coniferae

GNETACEAE

- Gnetum** L. (6 spp.)—F. Markgraf, Ann. Mo. Bot. Gard. 52 (1965) 382, 383.
 Partial; New World; Panama, Trop. S. America; localities indicated; partial revision.
- Gnetum** (8 spp.)—C. Phengklai, Thai For. Bull. 7 (1973) 34.
 Partial; Thailand; localities indicated; partial revision.
- G. leptostachyum** Bl.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 113.
 Complete; SE. Asia, Borneo; localities indicated; after Markgraf 1951.
- G. montanum** MARKG.—F. Markgraf, Dansk. Bot. Ark. 20 (1962) 119.
 Complete; from Sikkim to SE. China and N. limit of Malaya; localities indicated; monograph.

GOODENIACEAE

- Scaevola frutescens** (MILLER) KRAUSE = **S. taccada** (GAERTN.) ROXB.—Y. Horikawa, Hikobia 5 (1967) 5.
 Partial; Ryu Kyu, Taiwan, Bonin; localities indicated; occasional.
 Y. Horikawa, Atlas Jap. Flora (1972) map 374.
 Partial; Ryu Kyu, Taiwan, Bonin; localities indicated; literature + herb.
- S. plumieri** (L.) VAHL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 392.
 Partial; Galapagos Is; localities indicated; partial revision.
 M. M. J. van Balgooy & R. C. Carolin, Pac. Pl. Ar. 3 (1975) map 210.
 Complete; Africa to India and Ceylon, Americas incl. Galapagos and Revilla Gigedo; delineated; literature + herb.
- S. taccada** (GAERTN.) ROXB.—M. M. J. van Balgooy & R. C. Carolin, Pac. Pl. Ar. 3 (1975) map 211.
 Complete; from E. Africa to SE. Polynesia and Hawaii; delineated (localities of allied spp. indicated); species density; literature + herb.

GRAMINEAE

- Poaceae (=Gramineae)**—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 30c.
 Complete; nearly over the whole world; delineated and shaded; occasional.
- Andropogoneae** (5 gen.)—S. T. Blake, Univ. Queensl. Pap. Dep. Biol. 2 (1944) 48—49.
 Partial; Australia; localities indicated; partial revision.
- Andropogoneae**—W. Hartley in C. Barnard (ed.), Grasses and Grasslands (1964) 34.
 Complete; percentage of species in the total grass flora; after Hartley 1958.
 Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Text, 99.
 Complete; Old & New World, also incl. Indo-Malesia, Australia, Pacific, and S. America; delineated; species density; occasional; after Hartley 1958.

Bambuseae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 30c.

Complete; New & Old World, incl. Indo-Malesia and Pacific; delineated (northern limit); occasional.

E. Jäger, Fedde Rep. 79 (1968) 228.

Partial; sumeridional and meridional zone of the N. hemisphere; delineated; occasional.

Eragrostioideae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Text, 102.

Complete; Old & New World, also incl. Indo-Malesia, Australia, N. New Zealand, Pacific, S. America; delineated; species density; occasional; after Hartley & Slater 1960.

Paniceae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Text, 100.

Complete; Old & New World, also incl. Indo-Malesia, Australia, N. New Zealand, Pacific, S. America; delineated; species density; occasional, after Hartley 1958.

Stipeae—R. Roshevitz, Not. Syst. Herb. Inst. Komarov 14 (1951) 81.

Complete; Old & New World; delineated; monograph.

Stipeae subtribe Stipiinae—R. Roshevitz, Not. Syst. Herb. Inst. Komarov 14 (1951) 83.

Complete; Old & New World, incl. Malesia, New Zealand, Galapagos Is; delineated and shaded; monograph.

Stipeae subtribe Timouriinae—R. Roshevitz, Not. Syst. Herb. Inst. Komarov 14 (1951) 85.

Complete; Old & New World, incl. E. Asia; delineated; monograph.

Agrostis magellanica LAMK.—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map 5.

Complete; SW. Pacific; N. Zealand and Subantarctic Is; delineated.

G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. n. 12 (1964) 32.

Complete; extreme S. America, New Zealand; delineated; occasional.

T. Tateoka, Nat. Sc. & Mus. 34 (1967) 117.

Complete; extreme S. America, Antarctic Is and New Zealand; delineated; occasional.

Amphibromus NEES—T. Tateoka, Bot. Mag. Tokyo 38 (1963) 212.

Complete; New & Old World, incl. Australia, Tasmania, New Zealand, S. America; delineated; partial revision.

T. Tateoka, Nat. Sc. & Mus. 34 (1967) 120.

Complete; S. Australia, Tasmania, New Zealand, W. & E. South America; delineated; species density; occasional.

Anthephora hermaphrodita (L.) KUNTZE—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 828.

Partial; Galapagos Is; localities indicated; partial revision.

Aristida L. sect. **Aristida**—B. de Winter, Bothalia 8 (1965) 229.

Complete; New & Old World, also incl. E. Asia, Taiwan, N. Philippines, Australia, ? New Caledonia; delineated; monograph.

- sect. *Arthratherum* (BEAUV.) REICHB.—B. de Winter, Bothalia 8 (1965) 229.
 Complete; New & Old World, incl. Malesia, (Philippines), E. Australia; localities indicated; monograph.
- sect. *Pseudarthratherum* CHIOT. ex HENRARD—B. de Winter, Bothalia 8 (1965) 229.
 Complete; New & Old World, also incl. Galapagos Is; localities indicated; monograph.
- sect. *Streptachne* DOMIN—B. de Winter, Bothalia 8 (1965) 229.
 Complete; New & Old World, also incl. Malesia (New Guinea), and E. Australia; shaded and localities indicated; monograph.
- Aristida divulsa* ANDERSS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 828.
 Complete; Galapagos Is; localities indicated; partial revision.
- A. repens** TRIN.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 828.
 Complete; Galapagos Is; localities indicated; partial revision.
- A. subspicata** TRIN. & RUPR.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 828.
 Complete; Galapagos Is; localities indicated; partial revision.
- A. villosa** ROBINS. & GREENM.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 831.
 Complete; Galapagos Is; localities indicated; partial revision.
- Arundo donax* L.—Y. Horikawa, Atlas Jap. Flora (1972) map 406.
 Partial; Japan to Taiwan; localities indicated; literature + herb.
- Axonopus compressus* (Sw.) BEAUV.—D. Gledhill, Boletim Soc. Broter. 40 (2a ser.) (1966) pl. 1, opp. p. 144.
 Complete; Old & New World, incl. S. half of Africa, SE. Asia to E. Queensland, Centr. & S. America; delineated; monograph.
- Beckmannia syzigachne* (STEUD.) FERNALD (+ spp.)—T. Koyama & S. Kawano, Canad. J. Bot. 42 (1964) 876.
 Complete; New & Old World, Asia and Japan, N. America; delineated and hatched; partial revision.
- Bothriochloa* KUNTZE—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 57d.
 Complete; New & Old World, incl. Indo-Malesia, Bismarck Arch., Solomons, part of Australia, S. America; delineated and shaded; occasional.
- Brachyachne* (BTH.) STAPF (5 spp.)—M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 43.
 Partial; Australia; localities indicated; partial revision.
- B. ambigua** OHWI—M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 43.
 Partial; N. Australia; localities indicated; partial revision.
- Brachyelytrum erectum* (SCHREB.) BEAUV.—T. Koyama & S. Kawano, Canad. J. Bot. 42 (1964) 863.
 Complete; New & Old World, E. Asia (and Japan), E. N. America; delineated and hatched (N. Amer. taxa); partial revision.

Brachypodium BEAUV.—F. Maekawa, Nat. Sc. & Mus. (Tokyo) 31 (1964) facing p.

12.

Complete; New & Old World, also incl. E. Asia, Indo-Malesia; delineated; localities of fossil spp.; occasional.

T. Tateoka, Bol. Soc. Arg. Bot. 12 (1968) 47.

Complete; Old & New World, incl. Malesia, as far E. as New Guinea; delineated; occasional.

Briza L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 31b.

Complete; New & Old World, also incl. S. Australia, Tasmania, New Zealand, S. America; delineated; occasional.

Bouteloua disticha L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 831.

Partial; Galapagos Is; localities indicated; partial revision.

Cenchrus echinatus L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 831.

Partial; Galapagos Is; localities indicated; partial revision.

C. platyacanthus ANDERSS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 831.

Complete; Galapagos Is; localities indicated; partial revision.

Centotheca Desv.—R. Melville, Syst. Ass. Publ. n. 7 (1967) 304, in Adams & Ager, Aspects of Tethyan Biogeography.

Complete; Old World, also incl. Indo-Malesia and W. half of the Pacific; delineated; occasional.

Chionochloa ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 127, 128.

Partial; New Zealand; delineated; practically a monograph.

Ch. acicularis ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 128.

Complete; New Zealand; delineated; partial revision.

Ch. australis (BUCH.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 128.

Complete; New Zealand; delineated; partial revision.

Ch. beddiei ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 127.

Complete; New Zealand; delineated; partial revision.

Ch. bromoides (HOOK. f.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 127.

Complete; New Zealand; delineated; partial revision.

Ch. cheesemanii (HACK. ex CHEESEM.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963)

127.

Complete; New Zealand; delineated; partial revision.

Ch. conspicua (FORST. f.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 127.

Complete; New Zealand; delineated; partial revision.

Ch. crassiuscula (KIRK) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 128.

Complete; New Zealand; delineated; partial revision.

Ch. flavescens ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 127.

Complete; New Zealand; delineated; partial revision.

- Ch. flavicans** ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 127.
Complete; New Zealand; delineated; partial revision.
- Ch. juncea** ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 128.
Complete; New Zealand; delineated; partial revision.
- Ch. macra** ZOTOV—V. D. Zotov, New Zeal. J. Bot. 8 (1970) 93.
Complete; New Zealand (South I.); delineated and localities indicated; partial revision.
- Ch. oreophila** (PETRIE) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 128.
Complete; New Zealand; delineated; partial revision.
- Ch. ovata** (BUCH.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 128.
Complete; New Zealand; delineated; partial revision.
- Ch. pallens** ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 127.
Complete; New Zealand; delineated; partial revision.
- Ch. pungens** (CHERSEM.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 128.
Complete; New Zealand (Stewart I.); delineated; partial revision.
- Ch. rigida** (RAOUL) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 127.
Complete; New Zealand; delineated; partial revision.
- Ch. rubra** ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 127.
Complete; New Zealand; delineated; partial revision.
- Ch. spiralis** ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 128.
Complete; New Zealand; delineated; partial revision.
- Ch. teretifolia** (PETRIE) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 127.
Complete; New Zealand; delineated; partial revision.
- Chloris** SWARTZ (11 spp.)—M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 6.
Partial; Australia; localities indicated; partial revision.
- Ch. divaricata** R. BR. var. *cynontoides* (BAL.) LAZAR.—M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 6.
Partial; Australia; localities indicated; partial revision.
- Ch. mollis** (NEES) SWALLEN—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 837.
Partial; Galapagos Is; localities indicated; partial revision.
- Ch. pumilio** R. BR.—M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 6.
Partial; N. Australia; localities indicated; partial revision.
- Ch. radiata** (L.) Sw.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 837.
Partial; Galapagos Is; localities indicated; partial revision.
- Ch. virgata** Sw.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 837.
Partial; Galapagos Is; localities indicated; partial revision.
- Coix lacryma-jobi** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 837.
Partial; Galapagos Is (introd.); localities indicated; partial revision.

Cynodon arcuatus J. S. PRESL ex C. B. PRESL.—J. R. Harlan, J. M. J. de Wet & K. M. Rawal, East Afr. Agric. & For. Journal 36 (1970) 221.

Complete; Madagascar, Asia, Malesia, Taiwan, NW. Australia; localities indicated; various herbaria.

M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 39.

Partial; N. Australia, New Guinea; localities indicated; partial revision.

C. dactylon (L.) PERS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 837.

Partial; Galapagos Is; localities indicated; partial revision.

M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 39.

Partial; Australia; localities indicated; partial revision.

Dactyloctenium aegyptium (L.) BEAUV.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 843.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Danthonia see also sub *Chionochloa*, *Erythranthera*, *Notodanthonia* and *Pyrrhanthera*.

Deschampsia antarctica DESV.—C. Skottsberg, Bot. Tidsskr. 51 (1954) 333.

Partial; Antarctica (Graham Land region); localities indicated; occasional.

T. Tateoka, Nat. Sc. & Mus. 34 (1967) 117.

Complete; extreme SW. South America, Antarctica; delineated; occasional.

D. caespitosa (L.) P. B.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 51a.

± Complete; mostly in the N. hemisphere, also in S. Australia, Tasmania and New Zealand; delineated and localities indicated; occasional.

D. flexuosa (L.) TRIN.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 51b.

Complete; New & Old World, also incl. ? Borneo, Luzon, New Guinea, New Zealand (synanthrop.), extreme S. America; delineated; localities indicated; occasional.

E. Hultén, Flora of Alaska (1968) 114.

Partial; N. hemisphere; occurrence in Borneo, Philippines, New Zealand mentioned on the map; delineated and localities Alaska indicated; occasional.

D. parvula DESV.—T. Tateoka, Nat. Sc. & Mus. 34 (1967) 117.

Complete; extreme S. America, Antarctica; delineated; occasional.

Diarrhena BEAUV. (4 spp.)—T. Koyama & S. Kawano, Canad. J. Bot. 42 (1964) 872.

Complete; New & Old World, E. Asia, N. America; delineated; partial revision.

Digitaria abludens (R. & S.) VELDK.—J. F. Veldkamp, Blumea 21 (1973) 56.

Complete; continental to SE. Asia and E. Malesia (also incl. Philippines and E. Java); partly delineated; localities indicated; revision.

D. adscendens (HBK) HENR.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 843.

Partial; Galapagos Is; localities indicated; partial revision.

D. eminens (STEUD.) BACK.—J. F. Veldkamp, Blumea 21 (1973) 44.

Complete; E. Java, Madura, Kangean Arch., localities indicated; revision.

- D. henrardii** VELDK.—J. F. Veldkamp, Blumea 21 (1973) 56.
Complete; Luzon; localities indicated; revision.
- D. heterantha** (HOOK. f.) MERR.—J. F. Veldkamp, Blumea 21 (1973) 29.
Complete; SE. Asia, Malesia (also incl. Palawan, Kofiau, New Ireland), Palau Is; localities indicated; revision.
- D. horizontalis** WILLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 843.
Partial; Galapagos Is; localities indicated; partial revision.
- D. janssenii** VELDK.—J. F. Veldkamp, Blumea 21 (1973) 29.
Complete; Wetar (Lesser Sunda Is); locality indicated; revision.
- D. mariannensis** MERR.—J. F. Veldkamp, Blumea 21 (1973) 29.
Complete; Christmas I., Java, Kangean Arch., Lesser Sunda Is, Philippines, Micronesia (Guam); localities indicated; revision.
- D. monodii** VELDK.—J. F. Veldkamp, Blumea 21 (1973) 56.
Complete; New Guinea (Vogelkop); localities indicated; revision.
- D. sparsifructus** OHWI—J. F. Veldkamp, Blumea 21 (1973) 44, 56.
Complete; Java; localities indicated; revision.
- D. tararensis** HENR.—J. F. Veldkamp, Blumea 21 (1973) 53.
Complete; New Guinea (savannah regions); localities indicated; revision.
- D. wallichiana** (STEUD.) STAPF ssp. *remota* (HENR.) VELDK.—J. F. Veldkamp, Blumea 21 (1973) 44.
Complete; Java, Bali; localities indicated; revision.
- Echinochloa colonum** (L.) LINK—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 843.
Partial; Galapagos Is (introd.); localities indicated; partial revision.
- Eleusine indica** (L.) GAERTN.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 852.
Partial; Galapagos Is (introd.); localities indicated; partial revision.
- E. indica** (L.) GAERTN. (2 spp.)—S. M. Philips, Kew Bull. 27 (1972) 261, 262.
Partial; Africa, Malagassy; localities indicated; partial revision.
- Enteropogon** NEES (4 spp.)—M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 27.
Partial; Australia, Timor, New Guinea; localities indicated; partial revision.
- E. dolichostachyus** (LAGAS.) KENG ex LAZAR.—M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 27.
Partial; Timor, New Guinea, Australia; localities indicated; partial revision.
- E. unispiceus** (MUELL.) CLAYT.—M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 27.
Partial; Australia; localities indicated; partial revision.
- Eragrostis ciliaris** (ALL.) LUTATI—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 852.
Partial; Galapagos Is; localities indicated; partial revision.
- E. ciliaris** (L.) R. BR.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 852.
Partial; Galapagos Is; localities indicated; partial revision.

E. mexicana (HORNEM.) LINK—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 852.

Partial; Galapagos Is; localities indicated; partial revision.

Erianthus MICHX.—S. K. Mukherjee, Lloydia 21 (1958) 161.

Complete; tropics Old & New World, also Indo-Malesia (distr. Pacific mentioned in the text); delineated; monograph.

Eriochloa pacifica MEZ—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 855.

Partial; Galapagos Is; localities indicated; partial revision.

Erythranthera australis (PETRIE) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 132.

Partial; New Zealand; delineated; partial revision.

E. pumila (KIRK) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 132.

Complete; New Zealand; delineated; monograph.

Festuca contracta KIRK—T. Tateoka, Nat. Sc. & Mus. 34 (1967) 117.

Complete; extreme S. America, Antarctic Is; delineated; occasional.

F. erecta D'URVILLE—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map 5.

Complete; S. hemisphere, also incl. Maquarie I. and Fuegia; delineated; occasional.

F. subulata TRINTIUS ex BONG. and spp.—T. Koyama & S. Kawano, Canad. J. Bot. 42 (1964) 872.

Complete; New & Old World, E. Asia and Japan, W. N. America; delineated and hatched; partial revision.

Garnotia BRONGN.—F. W. Gould, Kew Bull. 27 (1972) 517.

Complete; Ceylon, Seychelles eastwards to Hawaii; delineated; localities partly indicated; monograph.

Glyceria acutiflora TORREY—T. Koyama & S. Kawano, Canad. J. Bot. 42 (1964) 863.

Complete; New & Old World, E. Asia, Japan, eastern U.S.A.; delineated; partial revision.

Hierochloë GMEL.—T. Tateoka, J. Jap. Bot. 40 (1965) 221.

Complete; New & Old World, incl. Java, N. Borneo, New Guinea, SE. Australia, Tasmania, New Zealand, Centr. & S. America; delineated and localities indicated; occasional.

H. brunonis HOOK. f.—V. D. Zotov, New Zeal. J. Bot. 11 (1973) 572.

Complete; New Zealand, Auckland, Campbell Is; localities indicated; partial revision.

H. cuprea ZOTOV—V. D. Zotov, New Zeal. J. Bot. 11 (1973) 572.

Complete; New Zealand; localities indicated; partial revision.

H. equisetoides ZOTOV—V. D. Zotov, New Zeal. J. Bot. 11 (1973) 572.

Complete; New Zealand; localities indicated; partial revision.

H. fusca ZOTOV—V. D. Zotov, New Zeal. J. Bot. 11 (1973) 572.

Complete; New Zealand and its subantarctic Is; localities indicated; partial revision.

H. juncifolia (HACK.) PARODI—T. Tateoka, J. Jap. Bot. 40 (1965) 222.

Complete; S. America; delineated; occasional.

- H. novae-zelandiae** GANDOGER—V. D. Zotov, New Zeal. J. Bot. 11 (1973) 572.
Complete; New Zealand; localities indicated; partial revision.
- H. pusilla** HACK.—T. Tateoka, J. Jap. Bot. 40 (1965) 222.
Complete; S. America; Malesia, Pacific; localities indicated; occasional.
- H. recurvata** (CHEESEM.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 11 (1973) 573.
Complete; New Zealand, Chatham Is; localities indicated; partial revision.
- H. redolens** (VAHL) R. & S.—V. D. Zotov, New Zeal. J. Bot. 11 (1973) 573.
Partial; New Zealand, Chatham Is; localities indicated; partial revision.
- Ichnanthus nemorosus** (Sw.) DOELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 855.
Partial; Galapagos Is; localities indicated; partial revision.
- Imperata cylindrica** (L.) BEAUV.—M. Soerjani, Biotrop. Bull. 1 (1970) 10, (also Thesis Jogjakarta 1970, Alang Alang, l.c. 10).
Complete; World; delineated; shaded; occasional; 4 var. indicated, copied from Hubbard *et al.* 1944 (Commonwealth Agric. Bur., U.K.).
- Imperata cylindrica** (L.) BEAUV. var. **koenigii** (RETZ.) DURAND & SCHINZ—Y. Horikawa, Atlas Jap. Flora (1972) map 408.
Partial; Japan to Taiwan; localities indicated; literature + herb.
- Ischaemum fragile** R. BR.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Bio-geogr. & Geom. Publ. BG/3 (1972) 150.
Complete; Queensland, New Guinea; localities indicated; literature + herb.
- Leptochloa filiformis** (LAMK.) BEAUV.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 855.
Partial; Galapagos Is; localities indicated; partial revision.
- L. virgata** (L.) BEAUV.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 855.
Partial; Galapagos Is; localities indicated; partial revision.
- Lophatherum gracile** BRONGN.—Y. Horikawa, Atlas Jap. Flora (1972) map 409.
Partial; Japan to Taiwan; localities indicated; literature + herb.
- Microchloa indica** (L. f.) BEAUV.—M. Lazarides, Austr. J. Bot. Suppl. n. 5 (1972) 37.
Partial; N. Australia; localities indicated; partial revision.
- Misanthus** ANDERS. (sect. and subsects.)—Yong No Lee, J. Jap. Bot. 39 (1964) 199.
Complete; E. Asia, Japan and Bonin Is, Malesia, Pacific (Micronesia, Melanesia, Polynesia); delineated; partial revision.
- Misanthus** ANDERS. sect. **Kariyasua** OHWI—Yong No Lee, J. Jap. Bot. 39 (1964) 199.
Complete; Old World, Korea and Japan; delineated; partial revision.
- sect. **Misanthus** subsect. **Condensati**—Yong No Lee, J. Jap. Bot. 39 (1964) 199.
Complete; Old World, Bonin and adjacent islets, coast of Honshu; delineated; partial revision.
- sect. **Misanthus** subsect. **Misanthus**—Yong No Lee, J. Jap. Bot. 39 (1964) 199.
Complete; SE. Asia, Pacific coast Japan, N. & Centr. Malesia, Pacific (as far E. as Polynesia); delineated; partial revision.

sect. *Triarrheba* HONDA—Yong No Lee, J. Jap. Bot. 39 (1964) 199.
Complete; Old World, E. Asia and Japan; delineated; partial revision.

sect. *Triarrheba* HONDA subsect. *Sinensis*—Yong No Lee, J. Jap. Bot. 39 (1964) 199.
Complete; Old World, E. Asia, Japan, Taiwan, Centr. & N. Malesia (incl. Borneo, Celebes, Philippines); delineated; partial revision.

Misanthus floridulus (LABILL.) WARB.—Y. Horikawa, Atlas Jap. Flora (1972) map 410.
Partial; Japan to Taiwan; localities indicated; literature + herb.

Muhlenbergia microsperma (DC.) KUNTH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 855.
Partial; Galapagos Is; locality indicated; partial revision.

M. tenuiflora (WILLD.) B. S. & P.—T. Koyama & S. Kawano, Canad. J. Bot. 42 (1964) 863.
Complete; New & Old World, Japan, E. N. America; delineated; partial revision.

Notodanthonia ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 129—131.
Partial; New Zealand; delineated; partial revision.

N. auriculata (J. M. BLACK) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 130.
Partial; New Zealand; delineated; partial revision.

N. biannularis ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 130.
Complete; New Zealand; delineated; partial revision.

N. buchanamii (HOOK. f.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 129.
Complete; New Zealand; delineated; partial revision.

N. caespitosa (GAUD.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 130.
Partial; New Zealand; delineated; partial revision.

N. clavata ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 131.
Complete; New Zealand; delineated; partial revision.

N. geniculata (BLACK) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 130.
Partial; New Zealand; delineated; partial revision.

N. gracilis (HOOK. f.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 131.
Complete; New Zealand, Chatham Is; delineated; partial revision.

N. laevis (VICKERY) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 130.
Partial; New Zealand; delineated; partial revision.

N. maculata ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 129.
Complete; New Zealand; delineated; partial revision.

N. nigricans (PETRIE) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 131.
Complete; New Zealand; delineated; partial revision.

N. nuda (HOOK. f.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 129.
Complete; New Zealand; delineated; partial revision.

N. penicillata (LABILL.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 131.
Partial; New Zealand; delineated; partial revision.

- N. pilosa** (R. Br.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 130.
Partial; New Zealand; delineated; partial revision.
- N. pulchra** ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 129.
Complete; New Zealand; delineated; partial revision.
- N. purpurescens** (VICKERY) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 130.
Partial; New Zealand; delineated; partial revision.
- N. racemosa** (R. Br.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 131.
Partial; New Zealand; delineated; partial revision.
- N. setifolia** (HOOK. f.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 129.
Complete; New Zealand; delineated; partial revision.
- N. stricta** (BUCH.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 131.
Complete; New Zealand; delineated; partial revision.
- N. tenuis** (PETRIE) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 129.
Complete; New Zealand; delineated; partial revision.
- N. thomsonii** (BUCH.) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 129.
Complete; New Zealand; delineated; partial revision.
- N. unarede** (RAOUL) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 131.
Complete; New Zealand; delineated; partial revision.
- N. viridis** ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 129.
Complete; New Zealand; delineated; partial revision.
- Oplismenus** BEAUV.—E. Jäger, Fedde Rep. 79 (1968) 278.
Partial; E. coasts of the N. hemisphere; delineated and shaded; occasional.
- O. setorius** (LAMK.) R. & S.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 860.
Partial; Galapagos Is; localities indicated; partial revision.
- Oryza** L. sect. **Coarctatae** ROSCHEV.—T. C. Katayama, Mem. Fac. Agr. Kagosh. Univ. 7 (1969) 117.
Complete; Old World, from E. Africa to halfway New Guinea; delineated; literature.
- sect. **Granulatae** ROSCHEV.—T. C. Katayama, Mem. Fac. Agr. Kagosh. Univ. 7 (1969) 117.
Complete; S. & SE. Asia, W. & Centr. Malesia (not E. of Celebes and Java); delineated; literature.
- sect. **Rhynchoryza** ROSCHEV.—T. C. Katayama, Mem. Fac. Agr. Kagosh. Univ. 7 (1969) 117.
Complete; Centr. and S. America; delineated; literature.
- sect. **Sativae** ROSCHEV.—T. C. Katayama, Mem. Fac. Agr. Kagosh. Univ. 7 (1969) 117.
Complete; tropics of the Old and New World; incl. N. Australia and Malesia, not in the Pacific proper; delineated; literature.
- O. minuta** PRESL—T. Tateoka, Bot. Mag. Tokyo 75 (1962) 425.
Incomplete; Luzon; delineated; partial revision.

- O. officinalis** WALL.—T. Tateoka, Bot. Mag. Tokyo 75 (1962) 425.
Complete; Indo-Malesia (as far as New Guinea); delineated; partial revision.
- Panicum** L. sect. **Sarmentosa** PILGER (subg. *Sarmentosum*)—C. Hsu, J. Fac. Sci. Univ. Tokyo III, 9 (1965) 138.
Complete; Indo-Malesia; hatched; monograph.
- Panicum** L. sect. **Turfosa** PILGER (subg. *Dichanthelium*)—C. Hsu, J. Fac. Sci. Univ. Tokyo III, 9 (1965) 138.
Complete; Hawaii Is; dotted; monograph.
- P. arundinariae** TRIN. ex. FOURN.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 860.
Partial; Galapagos Is; localities indicated; partial revision.
- P. dichotomiflorum** MICHX.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 860.
Partial; Galapagos Is; localities indicated; partial revision.
- P. fasciculatum** Sw.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 860.
Partial; Galapagos Is; localities indicated; partial revision.
- P. geminatum** FORSK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 865.
Partial; Galapagos Is; localities indicated; partial revision.
- P. glutinosum** Sw.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 865.
Partial; Galapagos Is; localities indicated; partial revision.
- P. hirticaule** PRESL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 865.
Partial; Galapagos Is; localities indicated; partial revision.
- P. laxum** Sw.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 865.
Partial; Galapagos Is; localities indicated; partial revision.
- P. maximum** JACQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 869.
Partial; Galapagos Is (introd.); localities indicated; partial revision.
- P. purpurascens** RADDI—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 869.
Partial; Galapagos Is; localities indicated; partial revision.
- P. repens** L.—Y. Horikawa, Atlas Jap. Flora (1972) map 412.
Partial; S. Japan to Taiwan; localities indicated; literature + herb.
- Paspalum conjugatum** BERG.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 869.
Partial; Galapagos Is (introd.); localities indicated; partial revision.
- P. distichum** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 869.
Partial; Galapagos Is; localities indicated; partial revision.
- P. galapageium** CHASE (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 869, 873.
Complete; Galapagos Is; localities indicated; partial revision.
- P. paniculatum** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 873.
Partial; Galapagos Is; localities indicated; partial revision.

- P. penicillatum** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 873.
Partial; Galapagos Is; localities indicated; partial revision.
- P. redundans** CHASE—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 873.
Complete; Galapagos Is; localities indicated; partial revision.
- P. vaginatum** Sw.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 873.
Partial; Galapagos Is; localities indicated; partial revision.
- Pennisetum alopecuroides** (L.) SPRENG.—Y. Horikawa, Atlas Jap. Flora (1972) map 413.
Partial; Japan, E. Asia; localities indicated; literature + herb.
- P. pauperum** NEES ex. STEUD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 875.
Complete; Galapagos Is; localities indicated; partial revision.
- P. purpureum** SCHUM.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 875.
Partial; Galapagos Is; localities indicated; partial revision.
- Petriella thomsoni** (PETRIE) ZOTOV—J. Burrows, Tuatara 13 (1965) 12.
Complete; New Zealand, Auckland Is; localities indicated; occasional.
- Phleum alpinum** L.—T. Takagi, J. Jap. Bot. 39 (1964) 8.
Complete; N. hemisphere south to Taiwan, S. Chile and Falkland Is; delineated; occasional.
- Phragmites australis** L. (*s.l.*)—J. van der Toorn, Thesis Groningen (1972) 10.
Complete; New & Old World, also incl. Luzon, New Guinea, W. Pacific, Australia; shaded and some localities indicated; partial revision.
- Poa** L.—W. Hartley in C. Barnard (ed.) Grasses and Grasslands (1964) 37.
Complete; percentage of species of Poa in total grass flora; after Hartley, 1961.
- Poa** (Maritime tussock-forming spp.)—N. M. Wace, 'Vascular Plants' in Van Oye & Van Mieghem, Biogeography and Ecology in Antarctica, Monogr. Biol. 15 (1965) 217.
Complete; 6 subantarctic spp. incl. the S. Pacific *P. foliosa* and *P. littoralis*; delineated; occasional.
- P. pratensis** L.—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map 4.
Complete; S. hemisphere, also incl. S. Australia, Tasmania, and S. America; delineated; monograph.
- Pogonatherum crinitum** (THUNB.) KUNTH—Y. Horikawa, Atlas Jap. Flora (1972) map 414.
Partial; S. Japan to Taiwan; localities indicated; literature + herb.
- Puccinellia pumila** (VASEY) HITCHC.—E. Hultén, Flora of Alaska (1968) 158.
Complete; N. Japan, W. N. America; delineated and localities indicated; partial revision.
- Pyrrhanthera exigua** (KIRK) ZOTOV—V. D. Zotov, New Zeal. J. Bot. 1 (1963) 132.
Complete; New Zealand; delineated; partial revision.

Racemobambos HOLTT.—H. Keng, J. Trop. Geogr. 31 (1970) 49.
Complete; Malaya, Borneo; delineated; literature.

Saccharum L.—S. K. Mukherjee, Revision of the genus Erianthus, Lloydia 21 (1959) 161.
Complete; Old World, incl. Malesia, Pacific (Solomons); delineated; occasional.

S. robustum BRANDES & JESWIET ex GRASSL—S. Price, Techn. Bull. 1337, Agric. Res. Serv., U. S. Dep. Agr. Washington DC, (1965) 17.

Complete; Old World, Malesia, Pacific (Celebes to New Hebrides) localities indicated; monograph.

S. spontaneum L.—S. Price, Techn. Bull. 1337, Agric. Res. Serv. U. S. Dep. Agr. Washington DC, (1965) 17.

Partial; Old World, E. Malesia (local chromosome races); localities indicated; occasional.

Schizachne purpurascens (TORR.) SWALLEN (2 spp.)—T. Koyama & S. Kawano, Canad. J. Bot. 42 (1964) 861.

Complete; New & Old World, Eurasia, N. America; delineated; partial revision.

Sclerostachya (HACK.) CAMUS—S. K. Mukherjee, Lloydia 21 (1959) 161.

Complete; Old World; SE. Asia and Malaya; delineated; occasional.

Setaria geniculata (LAMK.) BEAUV.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 875.

Partial; Galapagos Is; localities indicated; partial revision.

S. setosa (Sw.) BEAUV.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 875.
Partial; Galapagos Is; localities indicated; partial revision.

S. vulpiseta (LAMK.) R. & S.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 875.

Partial; Galapagos Is; locality indicated; partial revision.

Spinifex littoreus (BURM. f.) MERR.—Y. Horikawa, Atlas Jap. Flora (1972) map 415.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.

Sporobolus indicus (L.) R. BR.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 881.

Partial; Galapagos Is; localities indicated; partial revision.

S. pyramidatus (LAMK.) HITCHC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 881.

Partial; Galapagos Is; localities indicated; partial revision.

S. virginicus (L.) KUNTH—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 881.
Partial; Galapagos Is; localities indicated; partial revision.

Stenotaphrum (WALT.) KUNTZE—J. D. Sauer, Brittonia 24 (1972) 213.

Partial; Americas (incl. Galapagos), Africa; localities indicated; revision.

S. helferi MUNRO ex HOOK. f.—J. D. Sauer, Brittonia 24 (1972) 206.

Complete; S. China, SE. Asia, Malaya; localities indicated; monograph.

- S. micranthum** (DESv.) HUBBARD—J. D. Sauer, Brittonia 24 (1972) 219.
 Complete; from E. Africa, Reunion and Mauritius to Java, Radja Ampat Arch., Kai Is, W. Irian, Pacific; localities indicated; monograph.
- S. secundatum** (WALT.) KUNTZE—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 881.
 Partial; Galapagos Is; localities indicated; partial revision.
- S. secundatum** (WALT.) KUNTZE (races)—J. D. Sauer, Brittonia 24 (1972) 211.
 Partial; Malaya, Australia, New Zealand, Pacific; localities indicated; monograph.
- Stipa** L.—K. C. Misra, Tropical Ecology 4 (1963) 9.
 Complete; New & Old World, (not in Indo-Malesia and Pacific); species density; occasional.
- Thuarea involuta** (FORST.) R. BR.—Y. Horikawa, Atlas Jap. Flora (1972) map 416.
 Partial; Ryu Kyu, Taiwan, Bonin; localities indicated; literature + herb.
- Torreyochochloa pallida** (TORREY) CHURCH and spp.—T. Koyama & S. Kawano, Canad. J. Bot. 42 (1964) 872.
 Complete; New & Old World, E. Asia and Japan, E. N. America; delineated and hatched; partial revision.
- Trichoneura** ANDERSS.—R. Melville, Syst. Ass. Publ. n. 7 (1967) 307 (caption erroneously says Centotheca).
 Complete; Old & New World, mainly Africa, also incl. Galapagos Is; delineated and dotted; occasional.
- T. lindleyana** (KUNTH) EKMAN (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 884.
 Complete; Galapagos Is; localities indicated; partial revision.
- Triodia**, see also sub *Erythranthera*.
- Trisetum howelii** HITCHC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 884.
 Complete; Galapagos Is; locality indicated; partial revision.
- T. spicatum** (L.) RICHTER and ssp.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 47a.
 ± Complete; New & Old World, also incl. E. Australia, Tasmania, New Zealand (South I.), extreme S. America (Borneo not indicated); delineated; occasional.
- H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2, Stuttgart (1970) 282.
 ± Complete; New & Old World, also incl. E. Australia, Tasmania, S. New Zealand, but Borneo not indicated; delineated and shaded; occasional.
- T. spicatum** (L.) RICHTER ssp. *alaskanum* (NASH) HULT.—E. Hultén, Svensk Bot. Tidskr. 53 (1959) 219 (see text p. 212).
 Complete; N. hemisphere, also incl. Taiwan and N. Borneo (Kinabalu); delineated and localities indicated; partial revision.
- Uniola pittieri** HACK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 884.
 Partial; Galapagos Is; locality indicated; partial revision.

Vulpia megalura (NUTT.) RYDB.—E. Hultén, Flora of Alaska (1968) 171.

Partial; N. hemisphere; occurrence in India, Philippines, New Zealand, S. America mentioned on the map; delineated and localities Alaska indicated; occasional.

Zoysia tenuifolia WILLD.—Y. Horikawa, Atlas Jap. Flora (1972) map 417.

Partial; S. Japan, Ryu Kyu; localities indicated; literature + herb.

GUNNERACEAE see Haloragaceae

GUTTIFERAE

Hypericoideae, Cratoxyleae—N.K.B. Robson, Trans. Bot. Soc. Edinb. 41 (1972) 370.

Complete; Madagascar, Asia, Malesia and NE. America; delineated and shaded; revision.

Calophyllum inophyllum L.—Y. Horikawa, Atlas Jap. Flora (1972) map 224.

Partial; Ryu Kyu, Bonin; localities indicated; literature + herb.

Cratoxylum BL.—A. J. F. Gogelein, Blumea 15 (1967) 455.

Nearly complete (Hongkong omitted); SE. Asia, Malesia, exc. eastern Lesser Sunda Is, Moluccas and New Guinea; delineated; revision.

N. K. B. Robson, Trans. Bot. Soc. Edinb. 41 (1972) 370.

Complete; SE. Asia, Malesia (not E. of Celebes); delineated and shaded; revision.

Cratoxylum BL. sect. **Isoterygium** ENGL.—A. J. F. Gogelein, Blumea 15 (1967) 468.

Complete; W. Malesia (incl. Borneo); delineated and localities indicated; revision.

sect. **Tridesmos** (CHOISY) DYER—A. J. F. Gogelein, Blumea 15 (1967) 468.

Complete; SE. Asia, Malesia (not E. of Java, Celebes, and Philippines); delineated and localities indicated; revision.

C. arborescens (VAHL) BL.—A. J. F. Gogelein, Blumea 15 (1967) 468.

Complete; Burma, Malaya, Sumatra, Borneo; delineated; revision.

C. cochinchinense (LOUR.) BL.—A. J. F. Gogelein, Blumea 15 (1967) 461.

Nearly complete (Hongkong omitted); SE. Asia, Sumatra, Malaya, Borneo, Palawan, and Culion; delineated; revision.

C. formosum (JACK) DYER ssp. **formosum**—A. J. F. Gogelein, Blumea 15 (1967) 468.

Complete; SE. Asia, Malesia (not E. of Java, Celebes, and Philippines); delineated; revision.

ssp. **pruniflorum** (KURZ) GOG.—A. J. F. Gogelein, Blumea 15 (1967) 468.

Complete; S. China, SE. Asia (not Malaya); localities indicated; revision.

C. glaucum KORTH.—A. J. F. Gogelein, Blumea 15 (1967) 468.

Complete; Malaya, islands in the South China Sea, Borneo; localities indicated; revision.

C. maingayi DYER—A. J. F. Gogelein, Blumea 15 (1967) 468.

Complete; SE. Asia, Sumatra, Malaya, Borneo; localities indicated; revision.

C. sumatranum (JACK) BL. ssp. **blancoi** GOG.—A. J. F. Gogelein, Blumea 15 (1967) 461.
Complete; Philippines; localities indicated; revision.

ssp. **neriifolium** (KURZ) GOG.—A. J. F. Gogelein, Blumea 15 (1967) 461.
Complete; SE. Asia (not Malaya); localities indicated; revision.

ssp. **sumatranum**—A. J. F. Gogelein, Blumea 15 (1967) 461.
Complete; Indonesia (not E. of Sumbawa and Celebes), Philippines, (not in Palawan); delineated; revision.

Hypericum japonicum THUNB. ex MURR. (with nodal variants)—N. K. B. Robson,
Blumea 20 (1972) 271.

Complete; S., SE., and E. Asia, Malesia, S. Australia and Tasmania, New Zealand,
Hawaii; delineated; partial revision.

H. uliginosum KUNTH var. **pratense** (CHAM. & SCHLECHT.) KELLER—I. L. Wiggins &
D. M. Porter, Flora Galapagos Is (1971) 597.

Partial; Galapagos Is; localities indicated; partial revision.

HAEMODORACEAE

Haemodoraceae—D. Geerinck, Bull. Soc. Roy. Bot. Belg. 101 (1968) 267.

Complete; New & Old World, also incl. New Guinea, Australia, Tasmania, New
Zealand, W. Pacific; delineated; partial revision.

HALORAGACEAE

Gunnera L.—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. n. 12
(1964) 32.

Complete; New & Old World, also incl. part of Malesia (not Sumatra, Mal. Pen.);
delineated; occasional; after Hutchinson 1959.

F. J. W. Bader, Webbia 19 (1965) 535.

Complete; New & Old World, also incl. Malesia (not Borneo), Tasmania, New
Zealand, Pacific (Juan Fernandez); delineated; occasional.

R. Melville, Syst. Ass. Publ. n. 7 (1967) 304, in Adams & Ager, Aspects of Tethyan
Biogeography.

Complete; Old & New World, also incl. Malesia (excl. Lesser Sunda Is), Tasmania,
New Zealand, Hawaii. Is; delineated and dotted; occasional.

H. Walter/H. Straka, Arealkunde, Einführung i. d. Phytologie III/2, Stuttgart (1970) 89.

Incomplete; erroneously Borneo not incl.; delineated and shaded; occasional; after
Hutchinson and Bader.

M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 70.

Complete; Old & New World, incl. Malesia and Pacific (Melanesia, New Zealand,
Hawaii, Juan Fernandez); delineated; occasional.

R. v. d. Meyden, Pac. Pl. Ar. 3 (1975) map 177.

Complete; Old & New World, mainly S. hemisphere, incl. Malesia and Pacific;
shaded and localities indicated; partial revision.

G. macrophylla BL.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 263.

Complete; Sumatra to Java, from N. Borneo to the Philippines, NE. Celebes and Sangihe Is, New Guinea, Bismarck Arch. and Solomons; localities indicated; partial revision.

Haloragis acanthocarpa BRONGN.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 245.

Complete; New Guinea & Misool, Micronesia, N. Australia, ? Rossel I. (not mentioned in the text); localities indicated; partial revision.

H. chinensis (LOUR.) MERR.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 243.

Complete; SE. Asia, Malesia (not Java), Micronesia, N. Queensland; localities indicated; partial revision.

H. halconensis MERR.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 245.

Complete; Malesia: Philippines, E. Celebes, New Guinea, Solomons; localities indicated; partial revision.

H. micrantha (THUNB.) R. BR.—C. G. G. J. van Steenis, Proc. R. Soc. B 161 (1964) 13.

Complete; from E. India to E. Asia, Malesia (excl. Malaya, Sumatra, W. Borneo) to SE. Australia, Tasmania, New Zealand; delineated and localities indicated; occasional.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 250.

Complete; localities indicated; after Van Steenis 1964.

R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 244.

Complete; S. & E. Asia, Malesia (not in Mal. Pen., Sumatra), SE. Australia, Tasmania, New Zealand; localities indicated; partial revision.

C. G. G. J. van Steenis, Mountain Flora of Java (1972) 57.

Complete; E. & SE. Asia, part of Malesia, New Guinea, S. & SE. Australia, Tasmania, New Zealand; delineated and localities indicated; after Pac. Pl. Ar.

H. philippinensis MERR.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 243.

± Complete; from Assam to SE. Asia, N. Sumatra, Luzon; localities indicated; partial revision.

Laurembergia BERG. (3 subgen.)—A. Raynal, Webbia 19 (1965) 685.

Complete; Old & New World, not in the Pacific; subgen. *Indolaurembergia* from S. India, Ceylon to Sumatra and Java; delineated and shaded; partial revision.

L. Croizat, Webbia 22 (1967) 130.

Complete; Old & New World, incl. W. Malesia (Sumatra, Java); delineated; occasional.

R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 247.

Complete; S. hemisphere, of Old & New World; delineated; partial revision.

Laurembergia BERG. subgen. *Indolaurembergia* SCHINDL.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 247.

Complete; S. India, Ceylon, Sumatra, Java; delineated; partial revision; after Raynal 1965, slightly corrected.

Myriophyllum coronatum MEIJDEN—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 252.

Complete; S. New Guinea; locality indicated; partial revision.

- M. dicoccum** F. v. M.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 255.
Complete; E. India, N. Vietnam, NE. Java (Madura), N. Australia; localities indicated; partial revision.
- M. pedunculatum** HOOK. f.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 255.
Complete; New Guinea, SE. Australia, Tasmania, N. New Zealand, delineated; partial revision.
- M. propinquum** CUNN.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 252.
Complete; E. Asia (incl. Japan), S. Australia, Tasmania, New Zealand, and ? New Guinea; delineated; partial revision.
- M. pygmaeum** MATTE.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 252.
Complete; E. New Guinea; localities indicated; partial revision.
- M. siamense** (CRAIB) TARDIEU-BLOT—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 255.
Complete; Vietnam, S. Thailand; localities indicated; partial revision.
- M. spicatum** L.—E. Hultén, Flora of Alaska (1968) 694.
Partial; N. hemisphere; occurrence in E. India, Australia, S. America mentioned on the map; delineated and localities in Alaska indicated; occasional.
- E. Hultén, The Circumpolar Plants II (Kungl. Sv. Vet. Akad. Handl. IV, 13, 1 (1971) 180.
Partial; holarctic region (outside localities mentioned in text); delineated and localities indicated; literature.
- M. tetrandrum** ROXB.—R. van der Meijden, Fl. Mal. I, 7 (1971) 252.
Complete; India, SE. Asia, Mal. Pen.; localities indicated; partial revision.
- M. tuberculatum** ROXB.—R. van der Meijden & N. Caspers, Fl. Mal. I, 7 (1971) 255.
Complete; India & E. Pakistan, Mal. Pen., Flores, Borneo, Celebes, Moluccas; localities indicated; partial revision.

HAMAMELIDACEAE

- Hamamelidaceae** (10 apetalous) genera—K. Endress, Bot. Jahrb. 90 (1970) 52.
Complete; America and Asia, Malesia; delineated; morphology.
- Altingia excelsa** NORONA—Th. Schmucker, Silvae Orbis, C.I.S. Berlin (1942) map 163 (n.v.).
Complete; SE. Asia, W. Malesia.
- Distyliopsis** ENDR.—P. K. Endress, Blumea 19 (1971) 106.
Complete; SE. Asia (Burma) to Malesia and New Britain (not in Java and Lesser Sunda Is); delineated and localities indicated; partial revision.
- P. K. Endress, Bot. Jahrb. 90 (1972) 52.
Complete; E. Asia to N. Malesia, Celebes and New Guinea; delineated and shaded; morphology.

Distylium SIEB. & ZUCC.—P. K. Endress, Blumea 19 (1971) 106.

Complete; from E. Pakistan to E. Asia and Japan, Taiwan: Malesia; Mal. Pen., Sumatra, Java, Lesser Sunda Is; delineated; partial revision.

P. K. Endress, Bot. Jahrb. 90 (1972) 52.

Complete; E. Asia to W. and S. Malesia; delineated; morphology.

Exbucklandia populnea R. W. BR. = **Symingtonia populnea** (R. BR.) STEEN.—G.

Klotz, Wissenschaft. Zeitsch. M. Luther Univ. Halle (1966) map. 19.

Complete; SE. Asia, Malaya; localities indicated; occasional.

Hamamelis L.—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 382.

Complete; E. Asia, E. N. America; shaded; partly after Li.

Liquidambar L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 13.

Complete; New & Old World, also incl. E. Asia and Taiwan, Centr. America; delineated; occasional.

C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972) 110.

Complete; 3 disjunct species, Old & New World; shaded; occasional.

Sycopsis OLIV.—P. K. Endress, Blumea 19 (1971) 106.

Complete; from Assam to E. Asia and Taiwan; delineated and localities indicated; partial revision.

HERNANDIACEAE

Gyrocarpus JACQ.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 198.

Complete; Old & New World, incl. Malesia and Pacific; delineated and localities partly indicated; after Kubitzki.

G. americanus JACQ. ssp. **americanus**—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 198.

Complete; Old & New World, Pantropical, incl. Malesia and Pacific; localities indicated; after Kubitzki.

Hernandia L.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 199.

Complete; Old & New World, incl. Malesia and Pacific; delineated and localities indicated; after Kubitzki.

H. sonora L. [evidently **H. nymphaeafolia** (PRESL) KUBITZKI is meant]—Y. Horikawa, Atlas Jap. Flora (1972) map 100.

Partial; Ryu Kyu, Bonin; localities indicated; literature + herb.

HIMANTANDRACEAE

Galbulimima F. M. BAILEY—W. Sauer & F. Ehrendorfer, Oesterr. Bot. Zeitschr. 118 (1970) 47.

Complete; E. Moluccas, New Guinea, NE. Australia; localities indicated; occasional.

G. belgraveana (F. v. M) SPRAGUE—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 151.

Complete; E. Malesia: Ceram, New Guinea, New Britain; localities indicated; literature + herb.

HIPPOCASTANACEAE

Aesculus L.—M. Lehner, Ueber die heutige Verb. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 35.

Complete; New & Old World: Asia, incl. Japan, also W. coast U.S.A.; delineated; occasional; after Pfl. Areale.

J. W. Hardin, Brittonia 9 (1957) 181, 190; ibid. 12 (1960) 37.

Complete; Asia, N. America; shaded and localities indicated; monograph; distribution of the spp. indicated.

C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972) 111.

Complete; (+ sections); Old & New World, N. hemisphere; shaded; after Hardin.

HYDROCARYACEAE

Trapa L.—H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2, Stuttgart (1970) 167.

Complete; Old World, also incl. Malesia with ?, but occurring there alright; delineated, shaded and fossil localities indicated; occasional; after Tralau and Meusel.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 386.

Complete; Old World, Africa, Eurasia; shaded; fossil localities after Gams.

HYDROCHARITACEAE

Hydrocharitaceae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 29c.

Complete; all over the world (not in New Zealand, and extreme S. America); delineated; occasional.

Enhalus L. C. RICH.—C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 26.

Complete; from E. Africa and SW. Arabia through S. India and Ceylon to Malesia and Melanesia and extreme N. Australia; delineated; monograph.

E. acoroides (L. f.) ROYLE—Y. Horikawa, Atlas Jap. Flora (1972) map 405.

Partial; Ryu Kyu; localities indicated; literature + herb.

Halophila THOUARS—C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 28.

Complete; Old & New World, incl. Malesia, W. half Pacific, Australia and Tasmania; delineated; monograph.

Hydrocharis asiatica MIQ. [=dubia (BL.) BACKER]—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 29b.

Incomplete; E. Asia and Japan; however, also occurring in Malesia! delineated; occasional.

Phyllospadix HOOK.—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 390.

Complete; Japan, Pac. N. America; shaded; after Ostenfeld and Hultén.

Thalassia BANKS ex KÖN.—C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 27.

Complete; Old & New World, also incl. Malesia, Micronesia, Melanesia and NW. Australia; delineated; monograph.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 391.

Complete; Old & New World: from E. Africa to Micronesia, Caribbean; localities indicated; after Ostenfeld and Pac. Pl. Ar.

HYDROPHYLACEAE

Nama dichotomum (R. & P.) CHOISY—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 399.

Partial; Galapagos Is; localities indicated; partial revision.

HYPERICACEAE see Guttiferae

HYPOXIDACEAE see Amaryllidaceae

ICACINACEAE

Iodeae—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 37.

Complete; Old World, also incl. E. Asia and Japan, Indo-Malesia; delineated; occasional.

Phytocreneae—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 37.

Complete; Old World, also incl. Indo-Malesia; delineated; occasional.

Anisomallon BAILL.—D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 7.

Complete; New Caledonia; locality indicated; after Sleumer 1969.

Apodytes MEYER ex ARN.—D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 7.

± Complete; Africa, Malesia, Solomons, New Caledonia (Queensland omitted); hatched; after Sleumer 1969.

A. brachystylis F. v. M.—H. Sleumer, Fl. Mal. I, 7 (1971) 49.

Complete; N. Queensland; locality indicated; partial revision.

A. dimidiata MEYER ex ARN.—H. Sleumer, Fl. Mal. I, 7 (1971) 49.

Complete; from Africa and Madagascar to S. India and Ceylon to SE. Asia and Malesia (not E. of Moluccas); delineated and Malesian localities indicated; partial revision.

Cantleya RIDL.—D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 10.

Complete; W. Malesia; delineated; after Sleumer 1969.

C. corniculata (BECC.) HOWARD—H. Sleumer, Fl. Mal. I, 7 (1971) 53.

Complete; Sumatra, Mal. Pen., Riouw + Lingga Arch., Banka, Borneo; delineated; partial revision.

Citronella D. DON—H. Sleumer, Fl. Mal. I, 7 (1971) 6.

Complete; Malesia (not from the Lesser Sunda Is, and Philippines) E. Australia, Pacific (Melanesia, Micronesia), Centr. & S. America; delineated and localities indicated; partial revision.

D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 7.

Complete; S. America, Malesia, Australia, Pacific; delineated and shaded; after Sleumer 1969.

E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 193.

Complete; Old & New World incl. Malesia and Pacific; delineated and localities indicated; after Sleumer.

Codiocarpus HOWARD—D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 10.

Complete; Andamans, Nicobars, Philippines; shaded; after Sleumer 1969.

Gastrolepis TIEGH.—D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 10.

Complete; New Caledonia; locality indicated; after Sleumer 1969.

Gomphandra WALL. ex. LINDL.—H. Sleumer, Fl. Mal. I, 7 (1971) 24.

Complete; SW. India, Ceylon, SE. Asia through Malesia to extreme N. Australia, to Solomons and Santa Cruz Is; delineated; species density; partial revision.

D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 10.

Complete; Indo-Australia, incl. Solomons; delineated and hatched; after Sleumer 1969.

G. australiana F. v. M.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 151.

Complete; Queensland, New Guinea; localities indicated; literature + herb.

Gonocaryum MIQ.—H. Sleumer, Fl. Mal. I, 7 (1971) 16.

Complete; SE. Asia, Malesia (not in Java, but incl. Bismarck Arch.); delineated; partial revision.

D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 10.

Complete; Indo-Malesia; delineated and hatched; after Sleumer 1969.

Iodes BL. (incl. *Mappianthus*)—H. Sleumer, Fl. Mal. I, 7 (1971) 69.

Partial; SE. Asia, Malesia; delineated; partial revision.

Iodes BL.—D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 12.

Complete; Africa, Madagascar, SE. Asia, Malesia, east to Celebes; delineated and hatched; after Sleumer 1969.

Mappianthus HAND.-MAZZ.—D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 12.

Complete; SE. Asia (also Sumatra and Borneo, but this is not clear from the map); delineated and shaded; after Sleumer 1969.

Medusanthera SEEM.—D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 10.

Incomplete; Malaya, Fiji, Samoa (actually Malesia, Melanesia, Carolines); delineated; after Sleumer 1969.

M. andamanicus (KURZ) HOWARD—H. Sleumer, Fl. Mal. I, 7 (1971) 43.

Complete; Andamans & Nicobar Is; delineated; partial revision.

- M. gracilis** (KING) SLEUM.—H. Sleumer, Fl. Mal. I, 7 (1971) 43.
Complete; Sumatra, S. Thailand, Mal. Pen.; delineated; partial revision.
- M. laxiflora** (MIERS) HOWARD—H. Sleumer, Fl. Mal. I, 7 (1971) 43.
Complete; Philippines, E. Malesia, W. Pacific (Palau, Solomons); delineated; partial revision.
- M. merrittii** (MERR.) HOWARD—H. Sleumer, Fl. Mal. I, 7 (1971) 43.
Complete; Philippines (Mindoro, Palawan); delineated; partial revision.
- M. ovata** HOWARD—H. Sleumer, Fl. Mal. I, 7 (1971) 43.
Complete; Samoa; delineated; partial revision; (on the map numbers 3 and 4 should be exchanged).
- M. samoensis** (REINECKE) HOWARD—H. Sleumer, Fl. Mal. I, 7 (1971) 43.
Complete; Samoa; delineated; partial revision; (on the map the numbers 3 and 4 should be exchanged).
- M. vitiensis** SEEM.—H. Sleumer, Fl. Mal. I, 7 (1971) 43.
Complete; Fiji; delineated; partial revision; (on the map the numbers 3 and 4 should be exchanged).
- Merrilliodendron** KANEH.—D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 8.
Complete; E. Malesia, Micronesia, Solomons; shaded; some localities indicated; after Sleumer 1969.
- M. megacarpum** (HEMSL.) SLEUM.—H. Sleumer, Fl. Mal. I, 7 (1971) 51.
Complete; Palawan, S. Celebes, N. New Guinea, Micronesia, Melanesia E. to Santa Cruz Is; localities indicated; partial revision.
- Miquelia** MEISN.—D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 12.
Complete; SE. Asia to Philippines; delineated; after Sleumer 1969.
- M. caudata** KING—H. Sleumer, Fl. Mal. I, 7 (1971) 78.
Complete; Mal. Pen., Borneo; delineated; partial revision.
- M. celebica** BL.—H. Sleumer, Fl. Mal. I, 7 (1971) 78.
Complete; Sumatra, Borneo, Philippines, Celebes (and Buton I.); delineated and localities indicated; partial revision.
- M. kleinii** MEISN.—H. Sleumer, Fl. Mal. I, 7 (1971) 78.
Complete; Assam, Thailand; delineated; partial revision.
- M. philippinensis** MERR.—H. Sleumer, Fl. Mal. I, 7 (1971) 78.
Complete; Luzon; delineated; partial revision.
- M. reticulata** MERR.—H. Sleumer, Fl. Mal. I, 7 (1971) 78.
Complete; Philippines: Camiguin and Bohol Is; delineated; partial revision.
- Nothopodytes** BL. (4 spp.)—H. Sleumer, Fl. Mal. I, 7 (1971) 55.
Complete; from Ceylon and S. India to Ryu Kyu Is, and W. Malesia; delineated; partial revision.
- Nothopodytes** BL.—D. Lobreau-Callen, C. R. Soc. Biogéogr. 426 (1972) 8.
Complete; SE. and E. Asia incl. Ceylon and Taiwan, W. Malesia; shaded; after Sleumer 1969.

- N. foetida** (WIGHT) SLEUM.—H. Sleumer, Fl. Mal. I, 7 (1971) 55.
Complete; from S. India and Ceylon to SE. and E. Asia, Sumatra, Luzon; delineated and Malesian localities indicated; partial revision.
- N. montana** BL.—H. Sleumer, Fl. Mal. I, 7 (1971) 55.
Complete; Thailand, Sumatra, Java, Lesser Sunda Is; localities indicated; partial revision.
- Pennantia** J. R. & G. FORST.—D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 7.
Complete; E. Australia, New Zealand, Norfolk I.; hatched; after Sleumer 1969.
- Phytocrene** WALL.—H. Sleumer, Fl. Mal. I, 7 (1971) 81.
Complete; SE. Asia, Malesia (Sumatra to New Guinea); delineated; species density, partial revision.
- D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 12.
Complete; Indo-Malesia; delineated and hatched; after Sleumer 1969.
- Platea** BL.—D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 10.
Complete; Indo-Malesia; delineated and hatched; after Sleumer 1969.
- Polyporandra** BECC.—D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 12.
Complete; E. Malesia, Solomons; delineated and hatched; after Sleumer 1969.
- P. scandens** BECC.—H. Sleumer, Fl. Mal. I, 7 (1971) 67.
Complete; N. Moluccas, New Guinea, Solomons; delineated; partial revision.
- Pseudobotrys** MOESER—D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 7.
Complete; New Guinea; shaded; after Sleumer 1969.
- P. cauliflora** (PULLE) SLEUM.—H. Sleumer, Fl. Mal. I, 7 (1971) 9.
Complete; New Guinea; localities indicated; partial revision.
- P. doreae** MOESER—H. Sleumer, Fl. Mal. I, 7 (1971) 9.
Complete; E. New Guinea; localities indicated; partial revision.
- Pyrenacantha** HOOK.—D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 12.
Incomplete; Africa, Madagascar, S. and E. Asia (Philippines omitted); shaded; after Sleumer 1969.
- Rhytidaryum** BECC.—H. Sleumer, Fl. Mal. I, 7 (1971) 37.
Complete; from Moluccas eastwards to Melanesia (Solomons); extreme N. Australia; delineated; species density; partial revision.
- D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 12.
Complete; E. Malesia, Solomons, N. Queensland; delineated and hatched; after Sleumer 1969.
- R. longifolium** SCHUM. & LAUT.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 151.
Complete; New Guinea, Solomons, Queensland; localities indicated; literature + herb.
- Sarcostigma** W. & A.—D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 12.
Complete; India, SE. Asia, W. Malesia; delineated; after Sleumer 1969.

S. kleinii W. & A.—H. Sleumer, Fl. Mal. I, 7 (1971) 74.

Complete; from India to SE. Asia (incl. Malaya), Java, Sarawak; delineated and localities indicated; partial revision.

S. paniculata PIERRE—H. Sleumer, Fl. Mal. I, 7 (1971) 74.

Complete; Cochinchina, Riouw, Mal. Pen., Borneo, Philippines; delineated and localities indicated; partial revision.

Stemonurus BL.—H. Sleumer, Fl. Mal. I, 7 (1971) 58.

Complete; Ceylon, SE. Asia, Malesia, Palau and Solomons; delineated; species density; partial revision.

D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 10.

Complete; Indo-Malesia, incl. Solomons, Palau; delineated and hatched; after Sleumer 1969.

Whitmorea SLEUM.—D. Lobreaux-Callen, C. R. Soc. Biogéogr. 426 (1972) 10.

Complete; Solomons; locality indicated; after Sleumer 1969.

ILLICIACEAE

Illicium L.—C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972) 109.

Complete; Old & New World, E. Asia, W. Malesia, E. America; shaded; after A. C. Smith.

IRIDACEAE

Libertia grandiflora (R. Br.) SWEET—L. B. Moore, New Zeal. J. Bot. 5 (1967) 271.

Complete; New Zealand; localities indicated; partial revision.

L. ixiooides (FORST. f.) SPRENG.—L. B. Moore, New Zeal. J. Bot. 5 (1967) 273.

Complete; New Zealand incl. Stewart I.; localities indicated; partial revision.

L. peregrinans COCK. & ALLAN—L. B. Moore, New Zeal. J. Bot. 5 (1967) 271.

Complete; New Zealand incl. Stewart and Chatham Is; localities indicated; partial revision.

L. pulchella (R. Br.) SPRENG.—L. B. Moore, New Zeal. J. Bot. 5 (1967) 273.

Partial; New Zealand; localities indicated; partial revision.

Sisyrinchium macrocephalum GRAH.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 895.

Partial; Galapagos Is; localities indicated; partial revision.

JUGLANDACEAE

Juglandaceae—R. Scharfetter, Biogr. Pflanzensippen (1953) 70.

Complete; delineated and fossil localities indicated; occasional; after Meusel 1943.

Juglandaceae (5 genera)—H. Meusel, Ber. Deut. Bot. Ges. 75 (1962) 117.

Complete; New & Old World, also incl. Malesia; delineated; occasional.

- H. Meusel, in Beitr. Z. Abst. Lehre 2 (1965) 20.
Complete; delineated; occasional.
- P. Greguss, Tertiary Angiosperm Woods in Hungary (1969) 78.
Complete; New & Old World, from the Balkan to E. & S. Asia, Malesia, E. New Guinea and Bismarck Arch.; delineated and fossil localities indicated; palaeobot.
- R. F. Thorne, Trop. For. Ecosyst. in Afr. & Amer. (1973) 38.
Complete; Old & New World incl. Malesia; delineated and shaded; after Meusel 1965.
- Carya Nutt.**—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen (Inaug. Diss. München 1944, Typescript) map 3.
Complete; New & Old World, incl. E. Asia; delineated; occasional.
- D. E. Stone, Amer. J. Bot. 49 (1962) 209.
Complete; New & Old World, also incl. SE. Asia (not Malaya); delineated and shaded; species density; occasional (morph.).
- Engelhard(t)ia Lesch. ex Bl.**—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München, 1944, Typescript) map 5.
Complete; New & Old World, incl. Centr. America, SE. Asia, Indonesia; delineated; occasional; partly after Berry and Irmscher.
- G. L. Stebbins, Ecol. Monogr. 17 (1947) 151.
Complete; Old & New World, Indo-Malesia (E. to Celebes and Philippines); delineated; localities (also fossil) indicated; occasional.
- H. Meusel, Ber. Deutsch. Bot. Ges. 75 (1962) 117.
Complete; Indo-Malesia (not Timor); delineated; occasional.
- H. Meusel, Beitr. z. Abst. Lehre 2 (1965) 16.
Incomplete (American distribution not indicated); Indo-Malesia, as far E. as New Guinea; delineated; occasional.
- Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 117b.
Complete; Old & New World, incl. Indo-Malesia (erroneously Timor excl.); delineated; occasional.
- H. Walter/H. Straka, Arealkunde, Einführung i. d. Phytologie, Stuttgart (1970) 159.
Incomplete; Centr. America; SE. Asia, W. Malesia (incl. Philippines); delineated, shaded and fossil localities indicated; occasional; after Irmscher and Tralau.
- W. E. Manning, Pac. Pl. Ar. 3 (1975) map 235.
Complete; Old & New World, SE. Asia, Malesia, Centr. America (Eurasia, N. America); delineated and fossil localities indicated; literature + herb.
- E. spicata** Bl.—G. Klotz, Wissensch. Zeitschr. M. Luther Univ. Halle, 7 (1966) map 13.
Complete; Himalaya, SE. Asia, Java, Borneo, Philippines; localities indicated; occasional.
- Juglans** L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 6.
Complete; New & Old World, also incl. E. Asia and Japan; delineated; occasional; partly after Kuznecov and Nagel.

Pterocarya KUNTH—M. Lehner, Ueber die heutige Verbr. Tertiär-pflanzen... (Inaug. Diss. München 1944, Typescript) map 4.

Complete; Old World, also incl. E. Asia and Japan; delineated; occasional; after Kuznecov and Nagel.

P. Greguss, Tertiary Angiosperm Woods in Hungary (1969) 80.

Complete; mainly in the Old World, also incl. E. & SE. Asia, Malesia, N. Australia; delineated and fossil locality indicated; occasional; palaeobot.; after Krüssmann.

JUNCACEAE

Juncus effusus L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 83b.

Complete; Old & New World, also incl. the greater part of Indo-Malesia (wrongly for the Mal. Pen.); delineated and shaded; occasional.

E. Hultén, Flora of Alaska (1968) 285.

Partial; N. hemisphere; occurrence in Australia and S. America mentioned on the map; delineated and localities Alaska indicated; occasional.

J. maritimus LAMK.—L. Croizat, Mem. Soc. Brot. 20 (1968) 83.

Complete; New & Old World; shaded; occasional; after Weimarck 1946.

J. novae-zelandiae HOOK. f.—A. Lourteig, Com. Nat. Fr. Rech. Antarct. 23 (1968) 38.

Complete; New Zealand, Chatham Is; delineated; partial revision.

J. pusillus BUCH. ex BUCHENAU—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map 6.

Complete; S. hemisphere, also incl. S. Australia, Tasmania, New Zealand and Subantarctic Is; delineated; occasional.

J. scheuchzerioides GAUD.—A. Lourteig, Com. Nat. Fr. Rech. Antarct. 23 (1968) 38.

Complete; S. Australia, New Zealand, Subantarctic Is, S. America; delineated; partial revision.

Luzula DC.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 86a.

Complete; Old & New World, incl. Malesia: (erroneously Java) Philippines, Borneo, Celebes, New Guinea; S. Australia, Tasmania, New Zealand, S. America; delineated and shaded; species density; occasional.

E. Edgar, New Zeal. J. Bot. 4 (1966) facing pp. 164—165.

Partial; New Zealand (4 spp.); delineated; partial revision.

L. banksiana E. MEY. (5 vars.)—E. Edgar, New Zeal. J. Bot. 4 (1966) f. 1, facing p. 164.

Complete; Pacific (New Zealand and Subantarctic Is); delineated; partial revision.

L. crinita HOOK. f. (2 vars.)—E. Edgar, New Zeal. J. Bot. 4 (1966) f. 1, facing p. 164.

Complete; Pacific (New Zealand, and Subantarctic Is); delineated; partial revision.

L. picta A. RICH. (3 vars.)—E. Edgar, New Zeal. J. Bot. 4 (1966) f. 2, facing p. 165.

Complete; Pacific (New Zealand); delineated; partial revision.

L. rufa EDGAR (2 vars.)—E. Edgar, New Zeal. J. Bot. 4 (1966) f. 2, facing p. 165.

Complete; Pacific (New Zealand and Chatham I.); delineated; partial revision.

JUNCAGINACEAE

Juncaginaceae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 27c.

± Complete; New & Old World, also incl. S. & E. New Guinea, Australia, Tasmania, New Zealand, Pacific, S. America; delineated; shaded; occasional.

LABIATAE

Gomphostemma WALL.—D. Prain, Ann. R. Bot. Gard. Calcutta 3 (1891) plate 105.
Complete; Indo-Malesia; localities indicated; monograph.

Hyptis gymnocaulos EPLING—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 399.

Complete; Galapagos Is; locality indicated; partial revision.

H. rhomboidea MART. & GAL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 399.

Partial; Galapagos Is; localities indicated; partial revision.

H. sidaefolia (L'HÉR.) BRIQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 399.

Partial; Galapagos Is; localities indicated; partial revision.

H. spicigera LAMK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 399.

Partial; Galapagos Is; localities indicated; partial revision.

Lepechinia WILLD.—A. C. Brade, A flora do Parque Nacional do Itatiaia, Bol. n. 5, (1956) map 7.

Partial; S. & Centr. America; delineated; occasional.

Mentha piperita L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 405.

Partial; Galapagos Is (introd.); locality indicated; partial revision.

Ocimum micranthum WILLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 405.

Partial; Galapagos Is (introd.); locality indicated; partial revision.

Plectranthus L'HÉR.—S. T. Blake, Contr. Qld. Herb. 9 (1971) 113.

Complete; Africa, Malagassy, SE. Asia, Malesia (not Centr. part), Australia, Pacific; delineated; partial revision.

P. congestus R. BR.—S. T. Blake, Contr. Qld. Herb. 9 (1971) 117.

Complete; Malesia, Timor, E. New Guinea, N. Australia; localities indicated; partial revision.

P. forsteri BTH.—S. T. Blake, Contr. Qld. Herb. 9 (1971) 115.

Complete; Pacific, New Caledonia, Loyalties, New Hebrides, Fiji, Samoa; localities indicated; partial revision.

P. graveolens R. BR.—S. T. Blake, Contr. Qld. Herb. 9 (1971) 115.

Complete; E. Australia, Lord Howe I.; localities indicated; partial revision.

P. klossii S. MOORE—S. T. Blake, Contr. Qld. Herb. 9 (1971) 117.

Complete; Malesia, Timor, New Guinea; localities indicated; partial revision.

P. parviflorus WILLD.—S. T. Blake, Contr. Qld. Herb. 9 (1971) 117.
Complete; E. Australia, Hawaii; localities indicated; partial revision.

P. petraeus BACKER ex ADELBERT—S. T. Blake, Contr. Qld. Herb. 9 (1971) 117.
Complete; E. Java; localities indicated; partial revision.

Salvia insularum EPLING—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 405.
Complete; Galapagos Is; locality indicated; partial revision.

S. occidentalis Sw.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 405.
Partial; Galapagos Is; localities indicated; partial revision.

S. prostrata HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 405.
Complete; Galapagos Is; localities indicated; partial revision.

S. pseudoserotina EPLING—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 411.
Complete; Galapagos Is; localities indicated; partial revision.

Teucrium townsendii VASEY & ROSE—E. McClintock & C. Epling, Brittonia 5 (1946) 505.
Complete; Revilla Gigedo Is (W. of Mexico); localities indicated; partial revision.

T. vesicarium MILL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 411.
Partial; Galapagos Is; localities indicated; partial revision.

LACTORIDACEAE

Lactoris PHIL.—M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 72.
Complete; Juan Fernandez; locality indicated; occasional.

LARDIZABALACEAE

Lardizabalaceae—F. Maekawa, J. Fac. Sci. Univ. Tokyo III, 9 (1965) 184.
Complete; New & Old World, E. Asia, Malesia (erroneously included), S. America;
dotted and shaded; occasional.

J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 494.
Complete; SW. S. America, Centr. and E. Asia, incl. Japan; shaded; occasional.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 395.
Complete; E. Asia, S. America; shaded; after Hutchinson.

Decaisnea HOOK. & THOMS.—F. Maekawa, J. Fac. Sci. Univ. Tokyo III, 9 (1965) 184.
Complete; E. Asia, Indo-Malesia (erroneously); hatched; occasional.

Stauntonia DC.—F. Maekawa, J. Fac. Sci. Univ. Tokyo III, 9 (1965) 184.
Complete; E. Asia, Indo-Malesia (erroneously); hatched; occasional.

LAURACEAE

Lauraceae (15 genera)—L. Ho, Lauracées de Chine et d'Indochine, Paris (1934) facing p. 20.
Partial; China, Indo-China; localities indicated; partial revision.

- Actinodaphne** NEES—Th. Schmucker, *Silvae Orbis*, C.I.S. Berlin (1942) map. 168 (*n.v.*).
Complete; delineated; occasional.
- Cassytha filiformis** L.—Y. Horikawa, *Atlas Jap. Flora* (1972) 89.
Partial; Ryu Kyu, Bonin; localities indicated; literature + herb.
- Cinnamomum** BL.—M. Lehner, *Ueber die heutige Verbr. Mitteleurop. Tertiär-pflanzen...* (Inaug. Diss. München 1944, Typescript) map 18.
Complete; Old World: Indo-Malesia, Taiwan, Japan, N. Australia, W. Pacific; delineated; occasional; after Irmscher.
- Y. Horikawa, *Hikobia* 2 (1961) 242—243.
Partial; Japan & Ryu Kyu; localities indicated.
- P. Greguss, *Tertiary Angiosperm Woods in Hungary* (1969) 38.
Complete; New (only fossil) and Old World, S. and E. Asia through Malesia to extreme N. Australia and W. Pacific; delineated; fossil localities indicated; palaeobot.; after Berry.
- Machilus thunbergi** SIEB. & ZUCC.—Y. Horikawa, *Atlas Jap. Flora* (1972) map 96.
Partial: Japan, Korea, Ryu Kyu; localities indicated; literature + herb.
- Persea** GAERTN. (incl. **Machilus**)—H. Meusel in Gersch, *Vortr. mod. Probl. Abst. Lehre* 1 (1965) 125.
Complete; New & Old World, incl. SE. Asia, Malesia (not E. of Java and Celebes); delineated and hatched; occasional.
- P. americana** MILL.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 217.
Partial; Galapagos Is (introd.); localities indicated; partial revision.

LECYTHIDACEAE

- Barringtonia** J. R. & G. FORST. sect. **Barringtonia**—J. P. D. W. Payens, *Blumea* 15 (1967) 178, 182.
Complete; Old World: E. Africa through Indo-Malesia and N. Australia to Pacific; delineated; species density; monograph.
- sect. **Stravadium** (Juss.) MiQ.—J. P. D. W. Payens, *Blumea* 15 (1967) 178, 225.
Complete; Old World: S. and SE. Asia, Malesia, SW. Pacific; delineated; monograph.
- B. acutangula** (L.) GAERTN.—J. P. D. W. Payens, *Blumea* 15 (1967) 235.
Complete; from India through SE. Asia and Malesia, incl. New Guinea; N. Australia; delineated; monograph.
- B. apiculata** LAUT.—J. P. D. W. Payens, *Blumea* 15 (1967) 214.
Complete; from SE. Celebes, Misoöl and Waigeo, through New Guinea to Rossel I.; localities indicated; monograph.
- B. ashtonii** PAYENS—J. P. D. W. Payens, *Blumea* 15 (1967) 214.
Complete; Borneo; localities indicated; monograph.
- B. asiatica** (L.) KURZ—Y. Horikawa, *Atlas Jap. Flora* (1972) map 235.
Partial; Ryu Kyu; localities indicated; literature + herb.

- B. augusta** KURZ—J. P. D. W. Payens, *Blumea* 15 (1967) 256.
 Complete; Burma and Penins. Thailand; localities indicated; monograph.
- B. calyprata** (MIERS) R. BR. ex F. M. BAILEY—J. P. D. W. Payens, *Blumea* 15 (1967) 222.
 Complete; Aru Is, New Guinea and some nearby islands, N. Australia; localities indicated; monograph.
- R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 149.
 Complete; Queensland, New Guinea, Aru Is; localities indicated; occasional; literature + herb.
- B. calyptrocalyx** K. SCH.—J. P. D. W. Payens, *Blumea* 15 (1967) 214.
 Complete; New Guinea, New Britain; delineated; monograph.
- B. conoidea** GRIFF.—J. P. D. W. Payens, *Blumea* 15 (1967) 191.
 Complete; from Burma to Malaya, and W. Malesia (Sumatra, Bangka, Borneo); localities indicated; monograph.
- B. curranii** MERR.—J. P. D. W. Payens, *Blumea* 15 (1967) 256.
 Complete; Borneo, Palawan; localities indicated; monograph.
- B. edulis** SEEM.—J. P. D. W. Payens, *Blumea* 15 (1967) 208.
 Complete; Fiji; localities indicated; monograph.
- B. fusiformis** KING—J. P. D. W. Payens, *Blumea* 15 (1967) 242.
 Complete; Malaya; localities indicated; monograph.
- B. gigantostachya** K. & V. var. **gigantostachya**—J. P. D. W. Payens, *Blumea* 15 (1967) 208.
 Complete; Java; localities indicated; monograph.
- var. **megistophylla** (MERR.) PAYENS—J. P. D. W. Payens, *Blumea* 15 (1967) 208.
 Complete; Borneo; localities indicated; monograph.
- B. hallieri** KNUTH—J. P. D. W. Payens, *Blumea* 15 (1967) 242.
 Complete; Borneo; localities indicated; monograph.
- B. havilandii** RIDL.—J. P. D. W. Payens, *Blumea* 15 (1967) 242.
 Complete; Borneo; localities indicated; monograph.
- B. integrifolia** (MONTR.) SCHLTR.—J. P. D. W. Payens, *Blumea* 15 (1967) 203.
 Complete; New Caledonia, Art & Loyalty Is (on the map Ile des Pins indicated); localities indicated; monograph.
- B. lanceolata** (RIDL.) PAYENS—J. P. D. W. Payens, *Blumea* 15 (1967) 249.
 Complete; Borneo; localities indicated; monograph.
- B. lauterbachii** KNUTH—J. P. D. W. Payens, *Blumea* 15 (1967) 214.
 Complete; New Guinea and adjacent islands, incl. Rossel I.; localities indicated; monograph.
- B. longifolia** SCHLTR.—J. P. D. W. Payens, *Blumea* 15 (1967) 256.
 Complete; New Caledonia; localities indicated; monograph.

- B. longisepala PAYENS**—J. P. D. W. Payens, *Blumea* 15 (1967) 191.
Complete; Borneo; localities indicated; monograph.
- B. macrocarpa HASSK.**—J. P. D. W. Payens, *Blumea* 15 (1967) 242.
Complete; SE. Asia, Malaya, S. Sumatra, Enggano I., Java, Borneo; localities indicated; monograph.
- B. macrostachya (JACK) KURZ**—J. P. D. W. Payens, *Blumea* 15 (1967) 249.
Complete; SE. Asia, Malesia (excl. Java, Lesser Sunda Is, New Guinea); delineated; monograph.
- B. neo-caledonica VIEILL.**—J. P. D. W. Payens, *Blumea* 15 (1967) 256.
Complete; New Caledonia; localities indicated; monograph.
- B. niedenzuana (K. SCH.) KNUTH**—J. P. D. W. Payens, *Blumea* 15 (1967) 237.
Complete; Moluccas, N. New Guinea, Bismarck Arch., Solomons; localities indicated; monograph.
- B. novae-hiberniae LAUT.**—J. P. D. W. Payens, *Blumea* 15 (1967) 208.
Complete; NE. New Guinea, Admiralty and Misima I., Bismarck Arch., Solomons, Santa Cruz Is, New Hebrides; localities indicated; monograph.
- B. papeh LAUT.**—J. P. D. W. Payens, *Blumea* 15 (1967) 222.
Complete; SE. New Guinea, Bismarck Arch., Solomons, Rossel I.; localities indicated; monograph.
- B. papuana LAUT.**—J. P. D. W. Payens, *Blumea* 15 (1967) 208.
Complete; New Guinea; localities indicated; monograph.
- B. pauciflora KING**—J. P. D. W. Payens, *Blumea* 15 (1967) 242.
Complete; SE. Asia, Malaya; localities indicated; monograph.
- B. pendula (GRIFF.) KURZ**—J. P. D. W. Payens, *Blumea* 15 (1967) 249.
Complete; SE. Asia (incl. Malaya), Sumatra, Borneo; localities indicated; monograph.
- B. petiolata A. C. SMITH**—J. P. D. W. Payens, *Blumea* 15 (1967) 203.
Complete; Fiji; localities indicated; monograph.
- B. procera (MIERS) KNUTH**—J. P. D. W. Payens, *Blumea* 15 (1967) 222.
Complete; N. New Guinea, Bismarck Arch., Solomons, New Hebrides; localities indicated; monograph.
- B. pterita MERR.**—J. P. D. W. Payens, *Blumea* 15 (1967) 208.
Complete; Philippines; localities indicated; monograph.
- B. racemosa (L.) BL. ex DC.**—Y. Horikawa, *Atlas Jap. Flora* (1972) map 236.
Partial; Ryu Kyu; localities indicated; literature + herb.
- B. reticulata (BL.) MIQ.**—J. P. D. W. Payens, *Blumea* 15 (1967) 249.
Complete; Sumatra, Malaya, islands between Sumatra and Borneo, Philippines, Celebes; delineated; monograph.
- B. revoluta MERR.**—J. P. D. W. Payens, *Blumea* 15 (1967) 203.
Complete; from Sumatra to Malaya, N. Borneo, and Palawan; localities indicated; monograph.

- B. samoensis** GRAY—J. P. D. W. Payens, Blumea 15 (1967) 203.
 Complete; S. Celebes (SW. indicated, rightly SE.), Moluccas, E. New Guinea, Micronesia (Guam, Palau), Polynesia (Samoa Is); localities indicated; monograph.
- B. sarcostachys** (BL.) MIQ.—J. P. D. W. Payens, Blumea 15 (1967) 214.
 Complete; S. Sumatra to Borneo; delineated; monograph.
- B. scortechinii** KING—J. P. D. W. Payens, Blumea 15 (1967) 235.
 Complete; Penins. Thailand, Malaya, Sumatra, Borneo; localities indicated; monograph.
- B. seatareae** GUPPY—J. P. D. W. Payens, Blumea 15 (1967) 203.
 Complete; Fiji; localities indicated; monograph.
- Planchonia andamanica** KING—E. Kuswata Kartawinata, Bull. Bot. Surv. India 7 (1965) 185.
 Complete; Malesia (Andamans); delineated; monograph.
- P. brevistipitata** KUSW.—E. Kuswata Kartawinata, Bull. Bot. Surv. India 7 (1965) 185.
 Complete; Malesia (Borneo); delineated; monograph.
- P. careya** (F. v. M.) KNUTH—E. Kuswata Kartawinata, Bull. Bot. Surv. India 7 (1965) 185.
 Complete; Australia, Malesia (New Guinea); delineated; monograph.
- P. grandis** RIDL.—E. Kuswata Kartawinata, Bull. Bot. Surv. India 7 (1965) 185.
 Complete; W. Malesia (Sumatra, Borneo); delineated; monograph.
- P. papuana** KNUTH—E. Kuswata Kartawinata, Bull. Bot. Surv. India 7 (1965) 185.
 Complete; Malesia (New Guinea), Pacific (Solomons); delineated; monograph.
- P. spectabilis** MERR.—E. Kuswata Kartawinata, Bull. Bot. Surv. India 7 (1965) 185.
 Complete; Malesia (Philippines); delineated; monograph.
- P. timorensis** BL.—E. Kuswata Kartawinata, Bull. Bot. Surv. India 7 (1965) 185.
 Complete; Malesia (Lesser Sunda Is); delineated; monograph.
- P. valida** (BL.) BL.—E. Kuswata Kartawinata, Bull. Bot. Surv. India 7 (1965) 185.
 Complete; W. Malesia (Malaya, Sumatra, Java, Borneo, Celebes); delineated; monograph.

LEGUMINOSAE

subfamilies: **Papilionaceae**, **Caesalpiniaceae** and **Mimosaceae**—L. Capitaine, Contribution à l'étude morphologique des graines de Légumineuses, Thesis, Paris (1912) pl. XXII-XXV.

Complete; general world distribution; delineated; occasional.

tribes of the family (21 small scale maps indicating mainly continental distribution)—
 L. Capitaine, Contribution à l'étude morphologique des graines de Légumineuses,
 Thesis, Paris (1912) pl. I-XXI.
 Complete; shaded; occasional.

- Caesalpiniaceae**—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 227d.
 Incomplete; Old & New World, also incl. Indo-Malesia, Bismarck Arch., Australia, ? Pacific (only partly on the map); delineated and shaded; occasional.
- Papilionaceae** (under *Fabaceae*)—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 227d.
 Complete; practically whole world; delineated; occasional.
- Abarema** PITT. (*Pithecellobium p.p.*)—C. Caratini & Ph. Guinet, Bull. Soc. Linn. Bordeaux 3 (1973) 131.
 Complete; Centr. America, India through Malesia to N. & NE. Australia and W. Pacific; delineated; occasional.
- Acacia auriculiformis** BTH.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 150.
 Complete; Queensland, New Guinea; localities indicated; literature + herb.
- A. insulae-iacobi** RILEY—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 645.
 Partial; Galapagos Is; localities indicated; partial revision.
- A. macrantha** H. & B.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 645.
 Partial; Galapagos Is; localities indicated; partial revision.
- A. mangium** WILLD.—L. Pedley, Proc. Soc. Queensl. 74 (1964) 56.
 Complete; Old World, SE. Malesia, Australia (Queensland); delineated and localities indicated; partial revision.
- A. nilotica** (L.) DELISLE—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 645.
 Partial; Galapagos Is; localities indicated; partial revision.
- A. rorudiana** CHRISTOPH.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 645.
 Complete; Galapagos Is; localities indicated; partial revision.
- A. simsii** BTH.—R. D. Hoogland in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 150.
 Complete; Queensland, New Guinea; localities indicated; literature + herb.
- Airyantha borneensis** (OLIV.) BRUMMITT—R. K. Brummitt, Kew Bull. 22 (1968) 377.
 Complete; N. Borneo, Palawan (2 other spp. in trop. Africa); localities indicated; monograph.
- Albizzia** DURAZZ.—C. Caratini & Ph. Guinet, Bull. Soc. Linn. Bordeaux 3 (1973) 131.
 Complete; New & Old World with some disjunct small areas in Iran; delineated; occasional.
- A. pedicellata** BAKER ex BTH.—T. C. Whitmore (ed.), Tree Flora Malaya 1 (1972) 279.
 Incomplete; Malaya, Borneo recorded in text, but not on map; delineated; literature + herb.
- A. saponaria** (LOUR.) BL. ex MIQ.—T. C. Whitmore (ed.), Tree Flora Malaya 1 (1972) 279.
 Complete; Malaya, from Borneo and Philippines eastwards in Malesia; delineated and locality indicated; literature + herb.

Archidendron F. v. M.—E. F. de Vogel, *Pac. Pl. Ar.* 3 (1975) map 192. See also *Pithecellobium*.

Complete; E. Malesia, Solomons, Queensland; delineated, shaded and localities indicated; literature + herb.

Astragalus adsurgens PALL.—E. Hultén, *Flora of Alaska* (1968) 651.

Complete; E. Eurasia—N. America; delineated; partial revision.

Caesalpinia bonduc (L.) ROXB.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 597.

Partial; Galapagos Is; localities indicated; partial revision.

C. crista L.—Y. Horikawa, *Atlas Jap. Flora* (1972) map 132.

Partial; Ryu Kyu; localities indicated; literature + herb.

C. decapetala (ROTH) MERR.—Y. Horikawa, *Atlas Jap. Flora* (1972) map 133.

Partial; Japan, Ryu Kyu; localities indicated; literature + herb.

Canavalia galeata GAUD.—St. John, *Israel J. Bot.* 19 (1970) 217.

Partial; Hawaii; localities indicated; partial revision.

C. lineata (THUNB.) DC.—Y. Horikawa, *Atlas Jap. Flora* (1972) map 134.

Partial; S. Japan to Taiwan and Bonin; localities indicated; literature + herb.

C. maritima (AUBL.) THOUARS—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 611.

Partial; Galapagos Is; localities indicated; partial revision.

Cassia bicapsularis L.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 597.

Partial; Galapagos Is; localities indicated; partial revision.

C. hirsuta L.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 597.

Partial; Galapagos Is; locality indicated; partial revision.

C. occidentalis L.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 597.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

C. picta G. DON—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 605.

Partial; Galapagos Is; localities indicated; partial revision.

C. tora L.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 605.

Partial; Galapagos Is; localities indicated; partial revision.

C. uniflora MILL.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 605.

Partial; Galapagos Is; localities indicated; partial revision.

Codariocalyx gyrooides (ROXB. ex LINK) HASSK.—M. Ohashi, *Gingkoana* 1 (1973) 45.

Complete; from Himalaya and India to SE. Asia, Malesia to E. New Guinea; delineated and localities partly indicated; partial revision.

C. motorius (HOOTT.) OHASHI—M. Ohashi, *Gingkoana* 1 (1973) 48.

Complete; from Himalaya, India and Ceylon to SE. Asia and Taiwan, Malesia, N. Australia; delineated and localities partly indicated; partial revision.

Crotalaria incana L. (2 vars.)—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971)

611.

Partial; Galapagos Is; localities indicated; partial revision.

- C. pumila** ORTEGA—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 611.
Partial; Galapagos Is; localities indicated; partial revision.
- C. uncinella** LAMK. (2 ssp.)—R. M. Polhill, Kew Bull. 25 (1971) 283.
Complete; Africa, Madagascar, Malaya, Indo-China, S. China, Hainan, Taiwan; localities indicated; partial revision.
- Crudia velutina** RIDL.—T. C. Whitmore (ed.), Tree Flora Malaya 1 (1972) 252.
Complete; Malaya, Sarawak; delineated; literature + herb.
- Cyclocarpa stellaris** AFZEL. ex BAK.—R. N. Hepper, Webbia 19 (1965) 613.
Complete; Old World, incl. trop. Africa, Borneo, N. & NE. Australia; shaded and arrows; Fl. Trop. W. Afr.
- Dalea tenuicaulis** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 614.
Complete; Galapagos Is; localities indicated; partial revision.
- Dendrolobium** (W. & A.) BTH. (10 ssp.)—M. Ohashi, Ginkgoana 1 (1973) 62, 65, 73, 80.
Partial; Indo-Australia; delineated and localities indicated; partial revision.
- D. lanceolatum** (DUNN) SCHINDL.—M. Ohashi, Ginkgoana 1 (1973) 65.
Complete; Penins. Thailand, Indo-China, Hainan; delineated and localities indicated; partial revision.
- D. quinquepetalum** (BLANCO) SCHINDL.—M. Ohashi, Ginkgoana 1 (1973) 62.
Complete; Philippines, New Guinea, N. Australia; localities indicated; partial revision.
- D. rugosum** (PRAIN) SCHINDL. var. **moniliferum** OHASHI—M. Ohashi, Ginkgoana 1 (1973) 73.
Complete; Burma, Thailand, Indo-China; delineated and localities indicated; partial revision.
- var. **rugosum**—M. Ohashi, Ginkgoana 1 (1973) 73.
Complete; Burma, Thailand, Laos, N. Malaya (also incl. Langkawi Is); delineated and localities indicated; partial revision.
- D. triangulare** (RETZ.) SCHINDL. ssp. **triangulare**—M. Ohashi, Ginkgoana 1 (1973) 80.
Complete; from India to SE. Asia, Malesia (not Malaya and Sumatra and New Guinea); delineated and localities indicated; partial revision; also ssp. **cephalotoides** in Asia.
- Derris trifoliata** LOUR.—Y. Horikawa, Atlas Jap. Flora (1972) map 135.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- Desmanthus virgatus** (L.) WILLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 648.
Partial; Galapagos Is; localities indicated; partial revision.
- Desmodium** DESV., see also sub Codariocalyx, Dendrolobium, Dicerma, Hegnera, Phyllodium, Tadehagi.
- Desmodium** sect. **Podocarpium** BTH.—D. Isely, Brittonia 7 (1950) 188.
Complete; SE. Asia, W. Malesia to E. N. America; delineated; monograph.

- C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972) 109.
Complete; Old & New World, E. Asia, E. America; shaded; after Isely.
- Desmodium** spp. (Asian)—M. Ohashi, Ginkgoana 1 (1973) 181, 207.
Complete; Asia; delineated and localities indicated; partial revision.
- D. auricomum** GRAH.—M. Ohashi, Ginkgoana 1 (1973) 236.
Complete; (disjunct); Burma, Thailand, Indo-China; Java and Madura; delineated and localities indicated; partial revision.
- D. canum** (GMEL.) SCHINZ & THELL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 614.
Partial; Galapagos Is; localities indicated; partial revision.
- D. caudatum** (THUNB.) DC.—M. Ohashi, Ginkgoana 1 (1973) 94.
Complete; Ceylon, Himalaya eastwards to Taiwan and Japan, N. Sumatra, Malaya, W. Java; delineated and localities indicated; partial revision.
- D. gangeticum** (L.) DC.—M. Ohashi, Ginkgoana 1 (1973) 187.
Partial; India, Thailand, SE. Asia (also Taiwan and Ryu Kyu); Malaya, Philippines, E. New Guinea; delineated (wider area) and Asian localities indicated; partial revision.
- D. glabrum** (MILL.) DC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 614.
Partial; Galapagos Is; localities indicated; partial revision.
- D. laxiflorum** DC. ssp. **laxiflorum**—M. Ohashi, Ginkgoana 1 (1973) 104.
Complete; India and Himalayas to E. and SE. Asia, Malesia (not Central) as far as E. New Guinea; delineated and localities indicated; partial revision.
- D. laxum** DC.—D. Isely, Brittonia 7 (1950) 188.
Complete; SE. Asia, W. Malesia; delineated and localities indicated; monograph.
- D. leptopus** GRAY ex BTH.—D. Isely, Brittonia 7 (1950) 188.
Complete; SE. Asia, Luzon (Ceylon, S. India ?); delineated and localities indicated; monograph.
- D. limense** HOOK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 618.
Partial; Galapagos Is; localities indicated; partial revision.
- D. ormocarpoides** DC.—M. Ohashi, Ginkgoana 1 (1973) 116.
Complete; E. Malesia; delineated and localities indicated; partial revision.
- D. procumbens** (MILL.) HITCHC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 618.
Partial; Galapagos Is; localities indicated; partial revision.
- D. securiforma** BTH.—M. Ohashi, Ginkgoana 1 (1973) 129.
Complete; Philippines, Moluccas, W. New Guinea; delineated and localities indicated; partial revision.
- D. zonatum** MiQ.—M. Ohashi, Ginkgoana 1 (1973) 108.
Complete; India and Ceylon to E. & SE. Asia and Taiwan, Malesia (not Central); delineated and localities indicated; partial revision.
- Dialium** L.—T. C. Whitmore, (ed.), Tree Flora Malaya 1 (1972) 256.
Partial; SE. Asia, W. Malesia; delineated; literature + herb.

- Dicerma biarticulatum** (L.) DC. ssp. **australiense** (SCHINDL.) OHASHI—M. Ohashi, Ginkgoana 1 (1973) 256.
 Complete; SE. New Guinea, N. Australia; localities indicated; partial revision.
- ssp. **biarticulatum**—M. Ohashi, Ginkgoana 1 (1973) 256.
 Complete; India & Ceylon to SE. Asia, NE. Sumatra, SW. Celebes, N. Australia; localities indicated; partial revision; 1 Asian ssp.
- Dichrostachys cinerea** (L.) W. & A. ssp. **malesiana** BRENAN & BRUMMITT—J. P. M. Brenan & R. K. Brummitt, Bol. Soc. Brot. II, 39 (1965) f. 5, facing p. 116.
 Complete; Indo-Malesia (Thailand, Java, Madura, Moa, Wetar); N. Australia; localities indicated; partial revision.
- Eriosema** (DC.) G. DON—J. W. Grear Jr., Mem. N. Y. Bot. Gard. 20, 3 (1970) 4.
 Complete; pantropic (not in Pacific); shaded; partial revision (Amer. spp.).
- Erythrina velutina** WILLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 618.
 Partial; Galapagos Is; localities indicated; partial revision.
- Euchresta BENNETT** (5 spp.)—H. Ohashi & K. Sohma, J. Fac. Sc. Univ. Tokyo III, 10 (1970) 210.
 Complete; S. & E. Asia, Java, Philippines; localities indicated; revision.
- E. formosana** (HAYATA) OHWI—H. Ohashi & K. Sohma, J. Fac. Sc. Univ. Tokyo III, 10 (1970) 210.
 Complete; Ryu Kyu, Taiwan, Philippines; localities indicated; revision.
- E. horsfieldii** (LESCH.) BENNETT—H. Ohashi & K. Sohma, J. Fac. Sc. Univ. Tokyo III, 10 (1970) 210.
 Complete; Bhutan, India, Thailand, Java, Bali; localities indicated; revision.
- E. japonica** HOOK. f. ex REGEL—H. Ohashi & K. Sohma, J. Fac. Sc. Univ. Tokyo III, 10 (1970) 210, 211.
 Complete; Japan; localities indicated; revision.
- E. trifoliata** MERR.—H. Ohashi & K. Sohma, J. Fac. Sc. Univ. Tokyo III, 10 (1970) 210.
 Complete; S. China; localities indicated; revision.
- Galactia stricta** (JACQ.) URB.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 623.
 Partial; Galapagos Is; localities indicated; partial revision.
- G. tenuiflora** (KLEIN ex WILLD.) W. & A.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 623.
 Partial; Galapagos Is; localities indicated; partial revision.
- Geoffrea spinosa** JACQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 623.
 Partial; Galapagos Is; localities indicated; partial revision.
- Hegnera obcordata** (MIQ.) SCHINDL.—M. Ohashi, Ginkgoana 1 (1973) 260.
 Complete; Burma eastwards, S. Sumatra, Java, delineated and localities partly indicated; partial revision.
- Inga edulis** MART.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 648.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.

I. schimpffii HARMS—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 648.
Partial; Galapagos Is; localities indicated; partial revision.

Inocarpus J. R. & G. FORST.—M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 236.
Complete; Malesia, Pacific (E. to SE. Polynesia); localities indicated; literature + herb.

Intsia bijuga (COLEBR.) O. K.—T. C. Whitmore (ed.), Tree Flora Malaya 1 (1972) 263.
Partial; Indo-Malesia, N. Australia; delineated; literature + herb.

H. Streimann, Timber Species Leaflet (Lae) no. 4 (1972).
Partial; E. New Guinea and islands; shaded; field survey.

I. palembanica MIQ.—T. C. Whitmore (ed.), Tree Flora Malaya 1 (1972) 263.
Complete; SE. Asia, Malesia (not E. New Guinea and Philippines); delineated;
literature + herb.

Kingiodendron HARMS—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 202.
Complete; India, Philippines to Solomons, Fiji; delineated and localities indicated;
species density; after Knaap-van Meeuwen.

Koompassia MAINGAY—T. C. Whitmore (ed.), Tree Flora Malaya 1 (1972) 264.
Complete; Lower Siam, W. Malesia (Sumatra, Malaya, Borneo), W. New Guinea;
delineated; literature + herb.

Lablab purpureus (L.) SWEET—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971)
623.
Partial; Galapagos Is (introd.); locality indicated; partial revision.

Lotus L. s. str. subg. Edentolotus BRAND—H. Meusel & E. Jäger, Die Kulturpflanze
Beiheft 3 (1962) 256.
Complete; New & Old World, also incl. Japan, Taiwan, Australia, Tasmania;
delineated and hatched; species density; occasional.

Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 240 b.
Complete; Old and New World, also incl. Australia, Tasmania, S. America; delin-
eated and shaded; species density; occasional.

Maniltoa SCHEFF.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 203.
Complete; SE. Asia, Malesia, Queensland, Truk I., Fiji, Tonga; delineated and
localities indicated; species density; after Knaap-van Meeuwen.

Medicago L.—H. Meusel & E. Jäger, Die Kulturpfl. Beih. 3 (1962) 253.
Complete; Old World, also incl. S. Africa; delineated; species density; occasional.

Mimosa acantholoba (H. & B. ex WILLD.) POIR.—I. L. Wiggins & D. M. Porter,
Flora Galapagos Is (1971) 648.
Partial; Galapagos Is; localities indicated; partial revision.

M. albida var. **equatoriana** RUDD—I. L. Wiggins & D. M. Porter, Flora Galapagos Is
(1971) 648.
Partial; Galapagos Is; localities indicated; partial revision.

M. pigra L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 654.
Partial; Galapagos Is; localities indicated; partial revision.

- Mucuna rostrata** BTH.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 628.
 Partial; Galapagos Is; locality indicated; partial revision.
- Neptunia** LOUR. sect. **Neptunia**—D. R. Windler, Austr. J. Bot. 14 (1966) 382.
 Complete; Old & New World, also incl. Indo-Malesia (not E. Indonesia), S. America;
 shaded; monograph.
- sect. **Pentanthera** WINDL.—D. R. Windler, Austr. J. Bot. 14 (1966) 382.
 Complete; Luzon, NE. Australia; shaded; monograph.
- N. acinaciformis** (SPAN.) MIQ.—D. R. Windler, Austr. J. Bot. 14 (1966) 395.
 Complete; SE. Asia, Java; localities indicated; monograph.
- N. gracilis** BTH. f. **gracilis**—D. R. Windler, Austr. J. Bot. 14 (1966) 415.
 Partial; NE. Australia; also occurring in Luzon (mentioned in text); localities in-
 dicated; monograph.
- N. oleracea** LOUR.—D. R. Windler, Austr. J. Bot. 14 (1966) 404.
 Complete; Old & New World, also incl. Indo-Malesia (not E. Indonesia), Centr. &
 S. America; localities indicated; monograph.
- N. plena** (L.) BTH.—D. R. Windler, Austr. J. Bot. 14 (1966) 404.
 Complete; India, Neotropics incl. Galapagos Is; localities indicated; monograph.
- I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 654.
 Partial; Galapagos Is; localities indicated; partial revision.
- N. triquetra** (VAHL) BTH.—D. R. Windler, Austr. J. Bot. 14 (1966) 395.
 Complete; SE. Asia, Malesia (E. Java); localities indicated; monograph.
- Parkia** R. BR.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 204.
 Complete; Africa, Malesia, Pacific (Palau, Ponape, Fiji), Neotropics; delineated and
 localities partly indicated; species density; literature.
- Parkinsonia aculeata** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 605.
 Partial; Galapagos Is; localities indicated; partial revision.
- Phaseolus adenanthus** G. F. W. MEY.—I. L. Wiggins & D. M. Porter, Flora Galapagos
 Is (1971) 628.
 Partial; Galapagos Is; localities indicated; partial revision.
- P. atropurpureus** DC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 628.
 Partial; Galapagos Is; locality indicated; partial revision.
- P. lathyroides** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 628.
 Partial; Galapagos Is; localities indicated; partial revision.
- P. mollis** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 628.
 Complete; Galapagos Is; localities indicated; partial revision.
- Phyllodium elegans** (LOUR.) DESV.—M. Ohashi, Ginkgoana 1 (1973) 268.
 Complete; (disjunct); SE. Asia, Java; delineated and localities indicated; partial
 revision.
- P. pulchellum** (L.) DESV.—M. Ohashi, Ginkgoana 1 (1973) 277.
 Complete; from Ceylon and Himalaya through SE. Asia, Malesia (not central part),
 N. Australia; delineated and localities indicated; partial revision.

Piscidia carthagenansis JACQ.—V. E. Rudd, Phytologia 18 (1969) 476.
Complete; C. + S. America, Galapagos Is; localities indicated; monograph.

I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 632.
Partial; Galapagos Is; localities indicated; partial revision.

Pithecellobium sect. **Archidendron** (F. v. M.) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 661—720 (31 maps).
Complete; E. Malesia, Queensland; localities indicated; monograph.

P. alatum (PULLE) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 661.
Complete; New Guinea; locality indicated; monograph.

P. aruense (WARB.) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 665.
Complete; New Guinea, Aru Is; localities indicated; monograph.

P. beguinii (DE WIT) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 694.
Complete; Ternate (Moluccas); locality indicated; monograph.

P. bellum (HARMS) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 682.
Complete; New Guinea; localities indicated; monograph.

P. brassii MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 711.
Complete; New Guinea; localities indicated; monograph.

P. brevipes (K. SCH.) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 715.
Complete; E. Malesia; localities indicated; monograph.

P. calliandrum (DE WIT) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 689.
Complete; New Guinea; locality indicated; monograph.

P. calycinum (PULLE) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 678.
Complete; New Guinea; locality indicated; monograph.

P. carnosum MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 707.
Complete; Solomons; localities indicated; monograph.

P. chrysocarpum (SCHUM. & LAUT.) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 697.
Complete; New Guinea; locality indicated; monograph.

P. dewittianum MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 712.
Complete; New Guinea; locality indicated; monograph.

P. dies-christi (DE WIT) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 670.
Complete; New Guinea; localities indicated; monograph.

P. fallax (HARMS) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 702.
Complete; E. Malesia: New Ireland; locality indicated; monograph.

P. forbesii (BAK. f.) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 693.
Complete; New Guinea; locality indicated; monograph.

P. hansemannii (F. v. M.) MOHL.—R. H. Mohlenbrock, Webbia 21 (1966) 669.
Complete; New Guinea; localities indicated; monograph.

- P. hispidum** MOHL.—R. H. Mohlenbrock, *Webbia* 21 (1966) 662.
Complete; New Guinea; locality indicated; monograph.
- P. incurvatum** (LAUT. & SCHUM.) MOHL.—R. H. Mohlenbrock, *Webbia* 21 (1966) 704.
Complete; New Guinea; localities indicated; monograph.
- P. kostermansianum** MOHL.—R. H. Mohlenbrock, *Webbia* 21 (1966) 716.
Complete; E. Malesia: Aru Is; localities indicated; monograph.
- P. kubaryanum** WARB.—R. H. Mohlenbrock, *Webbia* 21 (1966) 720.
Complete; New Guinea; localities indicated; monograph.
- P. lucyi** (F. v. M.) F. v. M.—R. H. Mohlenbrock, *Webbia* 21 (1966) 698.
Complete; E. Malesia, Queensland; localities indicated; monograph.
- P. molle** (SCHUM.) MOHL.—R. H. Mohlenbrock, *Webbia* 21 (1966) 708.
Complete; New Guinea; localities indicated; monograph.
- P. muricatum** MOHL.—R. H. Mohlenbrock, *Webbia* 21 (1966) 674.
Complete; Normanby I., New Guinea; locality indicated; monograph.
- P. pachycarpum** (WARB.) MOHL.—R. H. Mohlenbrock, *Webbia* 21 (1966) 666.
Complete; New Guinea; locality indicated; monograph.
- P. rufescens** MOHL.—R. H. Mohlenbrock, *Webbia* 21 (1966) 690.
Complete; New Guinea; locality indicated; monograph.
- P. sessile** SCHEFF.—R. H. Mohlenbrock, *Webbia* 21 (1966) 677.
Complete; New Guinea; locality indicated; monograph.
- P. solomonense** (HEMSL.) MOHL.—R. H. Mohlenbrock, *Webbia* 21 (1966) 701.
Complete; Solomons; locality indicated; monograph.
- P. tenuiracemosum** (KAN. & HAT.) MOHL.—R. H. Mohlenbrock, *Webbia* 21 (1966)
673.
Complete; E. Malesia; localities indicated; monograph.
- P. trifoliolatum** (DE WIT) MOHL.—R. H. Mohlenbrock, *Webbia* 21 (1966) 705.
Complete; New Guinea; locality indicated; monograph.
- Pongamia pinnata** (L.) PIERRE—Y. Horikawa, *Atlas Jap. Flora* (1972) map 142.
Partial; Ryu Kyu; localities indicated; literature + herb.
- Prosopis insularum** (GUILL.) BRET.—E. F. de Vogel, *Pac. Pl. Ar.* 3 (1975) map 205.
Complete; E. Malesia, Pacific; localities indicated; literature + herb.
- P. juliflorae** (Sw.) DC.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 654.
Partial; Galapagos Is; localities indicated; partial revision.
- Pterocarpus** JACQ.—J. P. Rojo, *Phaner. Monogr.* 5 (1972) 5.
Complete; New & Old World, also incl. Malesia and W. Pacific; delineated; species density; monograph; in the same monograph maps of African and American species.
- P. indicus** WILLD.—H. Streimann, *Timber Species Leaflet* (Lae) no. 8 (1972).
Partial; E. New Guinea and islands; shaded; field survey.

Pueraria lobata (WILLD.) OHWI—Y. Horikawa, Atlas Jap. Flora (1972) map 143.

Partial; Japan, E. Asia; localities indicated; literature + herb.

Rhynchosia minima (L.) DC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 632.

Partial; Galapagos Is; localities indicated; partial revision.

J. Muller, Trans. 2nd Aberdeen-Hull Symp. (ed. Ashton), Univ. Hull, Misc. ser. 13 (1972) f. 6.

Partial; SE. Asia to N. Philippines, from Java eastwards to E. New Guinea and N. Australia; delineated and localities indicated; occasional.

Saraca L. (8 spp.)—G. F. P. Zuijderhoudt, Blumea 15 (1967) 417, 420, 423.

Complete; from India and Ceylon to S. China and Malesia; localities indicated; revision.

S. celebica DE WILDE—G. F. P. Zuijderhoudt, Blumea 15 (1967) 417.

Complete; Celebes; localities indicated; partial revision.

S. declinata (JACK.) MIQ.—G. F. P. Zuijderhoudt, Blumea 15 (1967) 420.

Complete; SE. Asia, Malaya, Indonesia (not E. of Borneo and Java, once found in Flores); localities indicated; partial revision.

S. hullettii PRAIN—G. F. P. Zuijderhoudt, Blumea 15 (1967) 417.

Complete; Borneo; localities indicated; partial revision.

S. indica L.—G. F. P. Zuijderhoudt, Blumea 15 (1967) 423.

Complete; Lower Siam, Malaya, Sumatra, Java; localities indicated; partial revision.

S. thaipingensis CANTLEY ex PRAIN—G. F. P. Zuijderhoudt, Blumea 15 (1967) 417.

Complete; Tonkin, Penins. Burma and Thailand, Malaya, Java; localities indicated; partial revision.

Sesbania SCOPOLI (Austral. spp.)—N. T. Burbidge, Austr. J. Bot. 13 (1965) 110—111.

Partial; Australia (for some spp. complete); localities indicated; partial revision.

Shuteria W. & A.—Nguyen Van Thuan, Adansonia 12 (1972) 293.

Complete; India through SE. Asia and Malesia to W. New Guinea; delineated; monograph.

Sophora L. ser. **Tetrapterae**—R. Good, Geogr. Fl. Pl. ed. 3 (1964) 119.

Complete; S. hemisphere, circumpolar, also incl. Hawaii, Easter I., and Juan Fernandez; delineated; occasional.

N. M. Wace, Vascular Plants in v. Oye & v. Mieghem, Biogeography & Ecology in Antarctica, Monogr. Biol. 15 (1965) 214.

Complete; S. Chile, Gough I., Réunion, S. Pacific incl. Juan Fernandez and Hawaii; delineated, shaded; species density; occasional.

S. velutina LINDL. (*S. glauca* LESCH. ex DC., non SALISB.)—Brummitt & Gillet, Kirkia 5 (1966) 270.

Complete; Old World, S. Africa, SE. Asia, Sumba I.; localities indicated; revision.

Strongylodon secundus ST. JOHN—H. St. John, Pac. Sci. 26 (1972) 123.

Complete; New Guinea to New Hebrides and Fiji; localities indicated; partial revision.

Stylosanthes sympodialis TAUB.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 632.

Partial; Galapagos Is; localities indicated; partial revision.

Tadehagi triquetrum (L.) OHASHI (5 ssp.)—M. Ohashi, Ginkgoana 1 (1973) 293.

Complete; India and Ceylon to SE. Asia, Malesia, N. Australia, New Caledonia, Pacific; delineated and localities partly indicated; partial revision.

Tephrosia decumbens BTH.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 637.

Partial; Galapagos Is; localities indicated; partial revision.

Trifolium repens L.—H. Meusel & E. Jäger, Die Kulturpfl. Beiheft 3 (1962) 255.

Complete; New & Old World, incl. Japan and synanthrope occurrence in Java, SE. Australia, Tasmania, New Zealand; delineated and synanthropous localities indicated; occasional.

Trigonella L.—H. Meusel & E. Jäger, Die Kulturpfl. Beiheft 3 (1962) 253.

Complete; Old World, also incl. S. Australia; delineated and hatched; species density; occasional.

Vicia menziesii SPRENGEL—C. R. Gunn, Pac. Pl. Ar. 3 (1975) map. 176.

Complete; Hawaii; locality indicated, area of the genus delineated; partial revision.

Vigna luteola (JACQ.) BTH.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 637.

Partial; Galapagos Is; localities indicated; partial revision.

V. marina (BURM.) MERR.—Y. Horikawa, Atlas Jap. Flora (1972) map 145.

Partial; Ryu Kyu, Bonin; localities indicated; literature + herb.

Zornia curvata MOHL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 637.

Partial; Galapagos Is; localities indicated; partial revision.

Z. piurensis MOHL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 637.

Partial; Galapagos Is; localities indicated; partial revision.

LEMNACEAE

Lemnaceae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 8ob.

Complete; Old & New World, wrongly excl. Borneo, Celebes, Moluccas, New Guinea; delineated; occasional.

Lemma aequinoctalis WELW.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 895.

Partial; Galapagos Is; localities indicated; partial revision.

L. disperma HEGELM.—E. H. Daubs, Illinois Biol. Monogr. 34 (1965) 81.

Complete; S. America, incl. Australia; localities indicated; monograph.

L. gibba L.—E. H. Daubs, Illinois Biol. Monogr. 34 (1965) 73.

Complete; New & Old World, also incl. Philippines; localities indicated; monograph.

Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 81c.

Complete; Old & New World, also incl. New Zealand and S. America; delineated, shaded and localities indicated; occasional.

L. minor L.—E. H. Daubs, Illinois Biol. Monogr. 34 (1965) 71.

Complete; ubiquist, also incl. Mal. Pen., Philippines, Australia, New Zealand, Hawaii; localities indicated; monograph.

Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 81b.

Complete; Old & New World, also incl. Java (erroneously), SE. Australia, Tasmania, New Zealand, S. America; delineated and shaded; occasional.

E. Hultén, Flora of Alaska (1968) 282.

Partial; N. hemisphere; occurrence in Australia, New Zealand, Centr. & S. America mentioned on the map; delineated and Alaskan localities indicated; occasional.

L. perpusilla TORREY—E. H. Daubs, Illinois Biol. Monogr. 34 (1965) 75.

Complete; New & Old World, also incl. Japan, Philippines, New Guinea, Pacific (Fiji); localities indicated; monograph.

L. trinervis (AUSTIN) SMALL—E. H. Daubs, Illinois Biol. Monogr. 34 (1965) 83.

Complete; America, India, Hawaii; localities indicated; monograph.

L. trisulca L.—E. H. Daubs, Illinois Biol. Monogr. 34 (1965) 69.

Complete; New & Old World, also incl. Japan, Philippines; localities indicated; monograph.

E. Hultén, Flora of Alaska (1968) 282.

Partial; N. hemisphere; occurrence in S. India, E. Indies and Australia mentioned on map; delineated and localities in Alaska indicated; occasional.

Spirodela oligorrhiza (KURZ) HEGELM.—E. H. Daubs, Illinois Biol. Monogr. 34 (1965) 65.

Complete; New & Old World, also incl. Borneo, Australia, Pacific (Fiji); localities indicated; monograph.

S. polystachya (L.) SCHLEIDEN—E. H. Daubs, Illinois Biol. Monogr. 34 (1965) 63.

Incomplete; New & Old World, also incl. Japan, Philippines, New Guinea, Hawaii; localities indicated; monograph.

Wolffia arrhiza (L.) WIMMER—E. H. Daubs, Illinois Biol. Monogr. 34 (1965) 93.

Complete; Old World, also incl. Japan, Malesia (Borneo, Philippines), Australia; localities indicated; monograph.

LENTIBULARIACEAE

Utricularia foliosa L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 411.

Partial; Galapagos Is; localities indicated; partial revision.

LILIACEAE

Philesiaceae (as separate family)—H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2 Stuttgart (1970) 88.

Complete; S. America, S. Africa, New Guinea, Australia, New Zealand; delineated and shaded; occasional; after Hutchinson and Good.

- Aletris spicata** (THUNB.) BUR. & FRANCH.—Y. Horikawa, Atlas Jap. Flora (1972) map 428.
 Partial; Japan to Taiwan; localities indicated; literature + herb.
- Astelia BANKS & SOLAND.**—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. n. 12 (1964) 32.
 Incomplete; SE. Australia, New Zealand, extreme S. America; delineated; occasional.
 N. M. Wace, Vascular Plants in Van Oye & Van Mieghem, Biogeography & Ecology in Antarctica, Monogr. Biol. 15 (1965) 213.
 Complete; Subantarctic S. America, Mascarenes, Malesia, New Guinea, Pacific incl. New Zealand; delineated, shaded; species density; occasional; after Skottsberg.
- R. Schnell, Introd. Phytogéogr. Pays trop. I (1970) 128.
 Complete; circumantarctic; delineated; occasional; after Good.
- A. banksii** A. CUNN.—L. B. Moore, New Zeal. J. Bot. 4 (1966) 238.
 Complete; New Zealand; localities indicated; partial revision.
- A. graminea** L. B. MOORE—L. B. Moore, New Zeal. J. Bot. 4 (1966) 224.
 Complete; New Zealand; localities indicated; partial revision.
- A. linearis** HOOK. f. var. **linearis**—L. B. Moore, New Zeal. J. Bot. 4 (1966) 237.
 Complete; New Zealand; localities indicated; partial revision.
- var. **novae-zelandiae** SKOTTSB.—L. B. Moore, New Zeal. J. Bot. 4 (1966) 237.
 Complete; New Zealand; localities indicated; partial revision.
- A. nervosa** HOOK. f.—L. B. Moore, New Zeal. J. Bot. 4 (1966) 221.
 Complete; New Zealand; localities indicated; partial revision.
- A. nivicola** COCK. var. **moriceae** L. B. MOORE—L. B. Moore, New Zeal. J. Bot. 4 (1966) 224.
 Complete; New Zealand; localities indicated; partial revision.
- var. **nivicola**—L. B. Moore, New Zeal. J. Bot. 4 (1966) 224.
 Complete; New Zealand; localities indicated; partial revision.
- A. petriei** COCK.—L. B. Moore, New Zeal. J. Bot. 4 (1966) 221.
 Complete; New Zealand; localities indicated; partial revision.
- A. skottsbergii** L. B. MOORE—L. B. Moore, New Zeal. J. Bot. 4 (1966) 221.
 Complete; New Zealand; localities indicated; partial revision.
- A. solandri** A. CUNN.—L. B. Moore, New Zeal. J. Bot. 4 (1966) 238.
 Complete; New Zealand; localities indicated; partial revision.
- A. subulata** CHEESEM.—L. B. Moore, New Zeal. J. Bot. 4 (1966) 237.
 Complete; New Zealand; localities indicated; partial revision.
- A. trinervia** KIRK—L. B. Moore, New Zeal. J. Bot. 4 (1966) 238.
 Complete; New Zealand; localities indicated; partial revision.
- Collospermum** SKOTTSB.—R. Schnell, Introd. Phytogéogr. Pays Trop. I (1970) 128.
 Complete; New Zealand; Centr. Pacific; delineated; occasional; after Good.

- Dianella** LAMK. (8 spp.)—J. Schlittler, Ber. Schweiz. Bot. Ges. 64 (1954) 198.
 Partial; New Caledonia and adjacent islets; localities indicated; partial revision.
- D. ensifolia** (L.) DC. em. RED.—Y. Horikawa, Atlas Jap. Flora (1972) map 430.
 Partial; S. Japan to Taiwan; localities indicated; literature + herb.
- D. javanica** (BL.) KORTH.—J. Schlittler, Ber. Schweiz. Bot. Ges. 64 (1954) 198.
 Partial; New Caledonia; localities indicated; partial revision.
- Furcraea cubensis** (JACQ.) VENT.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 785.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.
- Hemerocallis** L. spp.—M. Matsuoka & M. Hotta, Acta Phytotax. & Geobot. 22 (1966) 33, 35.
 Partial; Japan to Taiwan; localities indicated; partial revision.
- Lilium** L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 95d.
 Complete; N. hemisphere, also incl. Luzon; delineated and shaded; occasional.
- C. Feldmaier, Die neuen Lilien (Stuttgart 1967) pl. 14 + 25.
 Partial; N. America, Asia, also incl. Japan, Taiwan, and N. Luzon; delineated and localities indicated; monograph.
- Liriope graminifolia** BAKER var. **graminifolia**—T. Ito, Icon. Plant. Jap. 1 (1912) t. 8.
 Complete; Old World (China, Japan, Taiwan, Hainan, Ryu Kyu), Malesia (Philippines); hatched; partial revision; also var. **communis** Matsum.
- Narthecium** MOEHR.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiär-pflanzen... (Inaug. Diss. München 1944, Typescript) map 72.
 Complete; New & Old World, also incl. Japan and W. coast N. America; delineated; occasional.
- Smilax bracteata** PRESL—Y. Horikawa, Atlas Jap. Flora (1972) map 435.
 Partial; S. Japan to Taiwan; localities indicated; literature + herb.
- S. china** L.—Y. Horikawa, Atlas Jap. Flora (1972) map 436.
 Partial; Japan, E. Asia; localities indicated; literature + herb.

LINACEAE

- Ctenolophon** OLIV.—F. N. Hepper, Webbia 19 (1965) 610.
 Complete; W. Africa, W. Malesia, Indo-China; delineated; occasional.
- Aubréville, Adansonia 9 (1969) 216.
 Complete; W. Africa, Indo-Malesia; delineated occasional.
- R. F. Thorne, Trop. For. Ecosyst., in Afr. & S. Amer. (1973) 41.
 Complete; W. Africa, Indo-Malesia; delineated and shaded; partly after Aubréville 1969 and Hutchinson 1959.
- Linum cratericola** ELIAS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 659.
 Complete; Galapagos Is; locality indicated; partial revision.
- L. harlingii** ELIAS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 659.
 Complete; Galapagos Is; localities indicated; partial revision.

LOASACEAE

Mentzelia aspera L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 659.
Partial; Galapagos Is; localities indicated; partial revision.

Sclerothrix fasciculata PRESL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 659.
Partial; Galapagos Is; localities indicated; partial revision.

LOBELIACEAE see Campanulaceae

LOGANIACEAE

Buddleja L.—E. K. Janaki Ammal, Science & Cult. 19 (1954) 579.

Partial; Old World, incl. Asia, Indo-Malesia, Pacific (Micronesia); delineated; occasional; diploid and polyploid spp.

E. K. Janaki Ammal, Science & Cult. 19 (1954) 579.

Complete; New & Old World, also incl. Indo-Malesia, W. Pacific; delineated; occasional.

G. Krüssmann, Handb. d. Laubgehölze 1 (1960) 243.

Complete; New & Old World, also incl. Malesia and part of Micronesia; delineated; occasional.

C. D. Darlington, Chromosome Botany, ed. 2, N.Y. (1963) 106.

Complete; New & Old World, also incl. Indo-Malesia, W. Pacific; delineated; occasional; after E. K. Janaki Ammal 1954.

C. D. Darlington, Chromosome Botany, ed. 2, N.Y. (1963) 83.

Partial; Old World, incl. Asia, Indo-Malesia, Pacific (Micronesia); delineated; diploid and polyploid spp.; after E. K. Janaki Ammal 1954.

Fagraea THUNB.—E. K. Janaki Ammal, Science & Cult. 19 (1954) 579.

Complete; Old World, incl. Indo-Malesia, N. & NE. Australia, W. Pacific; delineated; occasional.

C. D. Darlington, Chromosome Botany, ed. 2, N.Y. (1963) 106.

Complete; Old World, incl. Indo-Malesia, N. & NE. Australia, W. Pacific; delineated; occasional; after E. K. Janaki Ammal 1954.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 389.

Complete; Indo-Malesia and Pacific E. to Marquesas; shaded and localities indicated; after Pac. Pl. Ar.

F. auriculata JACQ.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 57.

Partial; Burma, Thailand, Indo-China, Malaya, Sumatra, Borneo; localities indicated; partial revision.

F. ceilanica THUNB.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 71.

Partial; SE. Asia, Sumatra, Malaya, Borneo; localities indicated; partial revision.

- F. crenulata** MAING ex CLARKE—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 57.
 Partial; S. Vietnam, Malaya, Sumatra, Borneo; localities indicated; partial revision.
- F. fagrans** ROXB.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 57.
 Partial; Indo-Malesia (incl. Sumatra, Malaya, Borneo); localities indicated; partial revision.
- F. racemosa** JACK ex WALL.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 57.
 Partial; SE. Asia, Sumatra, Malaya, Borneo; localities indicated; partial revision.
- Gelsemium** JUSS.—C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972) 109.
 Complete; Old & New World, incl. Sumatra, Borneo; shaded and localities indicated; after Ornduff.
- G. elegans** (GARDN. & CHAMP.) BTH.—R. Ornduff, J. Arn. Arb. 51 (1970) 12.
 Complete; SE. Asia, Sumatra, N. Borneo; localities indicated; monograph.
- C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 71.
 Partial; Assam to S. China and Indo-China, Sumatra, Borneo; localities indicated; partial revision.
- Mitrasacme erophila** LEENH.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 83.
 Partial; Assam to Indo-China; localities indicated; partial revision.
- M. indica** WIGHT—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 76.
 Complete; India to E. Asia, Malesia to NE. Australia (excl. Borneo); delineated; occasional; after Fl. Mal.
- C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 83.
 Partial; Burma to S. China and Vietnam, Penins. Thailand, Sumatra, Malaya; localities indicated; partial revision.
- M. novae-zelandiae** HOOK. f.—J. Burrows, Tuatara 13 (1965) 12.
 Complete; New Zealand; localities indicated; occasional.
- M. pygmaea** R. BR.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 83.
 Partial; SE. Asia, Sumatra, Malaya, Borneo; localities indicated; partial revision.
- M. setosa** HANCE—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 83.
 Complete; Cambodia; localities indicated; partial revision.
- Mitreola petiolata** (GMEL.) TORR. & GRAY—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 83.
 Partial; SE. Asia, Sumatra; localities indicated; partial revision.
- Norrisia major** SOLER.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 64.
 Complete; Sumatra, Malaya, Borneo; delineated; occasional; after Fl. Mal.
- N. malaccensis** GARDN.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 64.
 Complete; Sumatra, Malaya, Philippines; delineated; occasional; after Fl. Mal.
- Strychnos** L.—E. K. Janaki Ammal, Science & Cult. 19 (1954) 579.
 Complete; New & Old World, also incl. Indo-Malesia, Australia, SW. Pacific; delineated; occasional.

- C. D. Darlington, Chromosome Botany, ed. 2, N.Y. (1963) 106.
 Complete; New & Old World, also incl. Indo-Malesia, Australia, SW. Pacific; delineated; occasional; after E. K. Janaki Ammal 1954.
- S. angustiflora** BTH.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 35.
 Partial; S. China, Indo-China, Thailand; localities indicated; partial revision.
- S. axillaris** COLEBR.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 19.
 Partial; Assam, Indo-China, Thailand, Mal. Pen., Sumatra, Borneo; localities indicated; partial revision.
- S. ignatii** BERGIUS—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 35.
 Partial; E. Asia, Penins. Thailand, Malaya, Borneo; localities indicated; partial revision.
- S. lucida** R. BR.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 116.
 Complete; Thailand, S. & SE. Malesia to N. Australia; localities indicated; occasional; after Fl. Mal.
- S. minor** DENNST.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 19.
 Partial; Thailand, Malaya, Sumatra, Borneo; localities indicated; partial revision.
- S. nux-vomica** L.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 43.
 Partial; Thailand, Indo-China; localities indicated; partial revision.
- S. ovata** HILL—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 19.
 Partial; Hainan, Indo-China; localities indicated; partial revision.
- S. thorelli** PIERRE ex DOP—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 35.
 Complete; Burma, Thailand, Indo-China, Malaya; localities indicated; partial revision.
- S. vanprukii** CRAIB—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 19.
 Partial; Burma, Vietnam, Borneo; localities indicated; partial revision.
- S. wallichiana** STEUD. ex DC.—C. Tirel-Roudet, Fl. Camb. Laos & Vietn. 13 (1972) 43.
 Partial; Andamans, Indo-China; localities indicated; partial revision.

LOPHOPYXIDACEAE

- Lophopyxis** HOOK. f.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 200.
 Complete; Malesia, Solomons, Palau; localities indicated; after Sleumer.
- L. maingayi** HOOK. f.—H. Sleumer, Fl. Mal. I, 7 (1971) 91.
 Complete; Malesia (Mal. Pen. to New Guinea), Palau, Bismarck and Solomons; localities indicated; partial revision.

LORANTHACEAE

- Loranthaceae**—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 126a.
 ±Complete; Old & New World, also incl. Indo-Malesia, Bismarck Arch., Australia, Tasmania, New Zealand; delineated and shaded; ±species density; occasional.
- B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 26.
 Complete; Old & New World; shaded, range in Pacific; partial revision.

Loranthaceae (primitive relic genera, incl. *Alepis*, *Peraxilla*, *Trilepidea*)—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 28.
Complete; Old & New World; shaded; partial revision.

Loranthaceae (genera with basic chrom. numb. $x=12$)—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 29.
Complete; Indo-Australia, S. America; delineated and shaded; partial revision.

Loranthaceae (genera with basic chrom. numb. $x=11$)—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 29.
Complete; Australia, New Zealand, S. America; delineated and shaded; partial revision.

Loranthaceae (genera with basic chrom. numb. $x=8$ and $x=9$)—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 30.
Complete; Old & New World; hatched and shaded; partial revision.

Loranthaceae (Australian and New Zealand spp.)—B. A. Barlow, Austr. J. Bot. 14 (1966) 421—499.
Partial; Australia and New Zealand only; localities indicated; partial revision.

Alepis flavidia (HOOK. f.) TIEGH. (monotypic genus)—B. A. Barlow, Austr. J. Bot. 14 (1966) 429.
Complete; New Zealand; localities indicated; partial revision.

Amyema TIEGH. (Austr. spp.)—B. A. Barlow, Austr. J. Bot. 14 (1966) 460, 469, 477.
Partial; Australia; localities indicated; partial revision.

Amyema TIEGH.—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 27.
Nearly complete; Malesia, Australia, Pacific (partly); delineated; partial revision.

B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
Complete; Malesia, Australia, Pacific; delineated; occasional.

A. conspicuum (BAIL.) DANS.—B. A. Barlow, Austr. J. Bot. 14 (1966) 460.
Partial; NE. Australia (also found in New Guinea); localities indicated; partial revision.

A. mackayense (BLAKELY) DANS. ssp. *cycnei-sinus* (BLAKELY) BARLOW—B. A. Barlow, Austr. J. Bot. 14 (1966) 469.
Partial; N. Australia (also occurring in New Guinea); localities indicated; partial revision.

A. semenianum (SCHUM.) DANS.—B. A. Barlow, Austr. J. Bot. 14 (1966) 477.
Partial; N. Australia (Cape York Penins.), but also in New Guinea; localities indicated; partial revision.

Amylotheca TIEGH. (Austr. sp., see also sub *Decaisnina*)—B. A. Barlow, Austr. J. Bot. 14 (1966) 438.
Partial; Australia; localities indicated; partial revision.

Amylotheca TIEGH.—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 27.
Complete; New Guinea, E. Australia, W. Pacific; delineated; partial revision.

- B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
 Complete; E. Australia, New Guinea, New Caledonia, New Hebrides; delineated; occasional.
- A. dictyophleba** (F. v. M.) TIEGH.—B. A. Barlow, Austr. J. Bot. 14 (1966) 438.
 Partial; NE. Australia, but also occurring in S. New Guinea; localities indicated; partial revision.
- Dactyliophora** TIEGH.—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 27.
 Complete; New Guinea, Solomons, N. Queensland; delineated; partial revision.
- B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
 Complete; New Guinea, Solomons, Queensland; delineated; occasional.
- Decaisnina** TIEGH. (Austr. spp. segregate from *Amylotheaca*)—B. A. Barlow, Austr. J. Bot. 14 (1966) 438.
 Partial; Australia; localities indicated; partial revision.
- Decaisnina** TIEGH.—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 27.
 Nearly complete; E. Malesia, N. Australia, Pacific (partly); delineated; partial revision.
- B. A. Barlow, in D. Walker, (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
 Partial; Malesia, Australia, Pacific; delineated; occasional.
- D. triflora** (SPAN.) TIEGH.—B. A. Barlow, Austr. J. Bot. 14 (1966) 438.
 Partial; N. Queensland, but also found in Lesser Sunda Is, Moluccas, New Guinea; localities indicated; partial revision.
- D. hollrungii** (SCHUM.) BARLOW—B. A. Barlow, Austr. J. Bot. 14 (1966) 438.
 Partial; N. Queensland (also occurring in New Guinea); localities indicated; partial revision.
- Dendrophthoe** MART. (Austr. spp.)—B. A. Barlow, Austr. J. Bot. 14 (1966) 489.
 Partial; Australia; localities indicated; partial revision.
- Dendrophthoe** MART.—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 27.
 Partial; SE. Asia, Malesia, Australia; delineated; partial revision.
- B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
 Partial; Indo-Australia; delineated; occasional.
- D. falcata** (L. f.) ETTINGSH.—B. A. Barlow, Austr. J. Bot. 14 (1966) 489.
 Partial; NE. Australia (also occurring in New Guinea); localities indicated; partial revision.
- Distrianthes** DANS.—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 27.
 Complete; New Guinea; delineated; partial revision.
- B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
 Complete; New Guinea; delineated; occasional.

- Elytranthe colensoi** (HOOK. f.) ENGL. [*Peraxilla colensoi* (HOOK. f.) TIEGH.]—C. J. Burrows, Tuatara 13 (1965) 13.
Complete; New Zealand; localities indicated; occasional.
- Ileostylus micranthus** (HOOK. f.) TIEGH. (monotypic genus)—B. A. Barlow, Austr. J. Bot. 14 (1966) 429.
Complete; New Zealand; localities indicated; partial revision.
- Lepeostegeres** BL.—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 27.
Complete; Malesia; delineated; partial revision.
- B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
Complete; Malesia; delineated; occasional.
- Macrosolen** BL.—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 27.
Partial; SE. Asia, Malesia; delineated; partial revision.
- B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
Partial; Indo-Malesia; delineated; occasional.
- Muellerina celastroides** (SIEB. ex SCHULT. & SCHULT.) TIEGH.—B. A. Barlow, Austr. J. Bot. 14 (1966) 429.
Partial; New Zealand (N.I.); locality indicated (record doubtful); partial revision.
- B. A. Barlow, Austr. J. Bot. (1966) 460.
Partial; E. Australia (also in New Zealand); localities indicated; partial revision.
- Papuanthes** DANS.—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 27.
Complete; New Guinea; delineated; partial revision.
- B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
Complete; New Guinea; delineated; occasional.
- Peraxilla colensoi** (HOOK. f.) TIEGH.—B. A. Barlow, Austr. J. Bot. 14 (1966) 429.
Complete; New Zealand; localities indicated; partial revision.
- P. tetrapetala** (L. f.) TIEGH.—B. A. Barlow, Austr. J. Bot. 14 (1966) 429.
Complete; New Zealand; localities indicated; partial revision.
- Phoradendron henslowii** (HOOK. f.) ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 249.
Complete; Galapagos Is; localities indicated; partial revision.
- '**Phrygilanthus'** p.p. (*gen. nov.*)—B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
Complete; Philippines, New Guinea, New Brit., Bougainv.; delineated; occasional.
- Sogerianthe** DANS.—B. A. Barlow, Proc. Pap. N. Guin. Sci. Soc. 22 (1971) 27.
Complete; New Guinea, Bismarck Arch., Solomons; delineated; partial revision.
- B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
Complete; New Guinea, Bismarck Arch., Solomons; delineated; occasional.

Tetradyas DANS.—B. A. Barlow, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 186.
Complete; New Guinea; delineated; occasional.

Trilepidea adamsii (CHEESEM.) TIEGH. (monotypic genus)—B. A. Barlow, Austr. J. Bot. 14 (1966) 429.
Complete; New Zealand (North I.); localities indicated; partial revision.

Tupeia antarctica (FORST. f.) CHAM. & SCHLECHT. (monotypic genus)—B. A. Barlow, Austr. J. Bot. 14 (1966) 429.
Complete; New Zealand; localities indicated; partial revision.

LOWIACEAE

Orchidantha N. E. BROWN—T.-L. Wu, Act. Phytotax. Sin. 9 (1964) 338.
Complete; Indo-Malesia (incl. Mal. Pen. and Borneo); delineated; localities indicated; monograph.

O. borneensis N. E. BROWN—T.-L. Wu, Act. Phytotax. Sin. 9 (1964) 338.
Complete; Borneo; locality indicated; monograph.

O. calcarea HENDERS. (*sphalm. calcarata*)—T.-L. Wu, Act. Phytotax. Sin. 9 (1964) 338.
Complete; Mal. Pen.; locality indicated; monograph.

O. longiflora (SCORT.) RIDL.—T.-L. Wu, Act. Phytotax. Sin. 9 (1964) 338.
Complete; Mal. Pen.; localities indicated; monograph.

O. maxillarioides (RIDL.) SCHUM.—T.-L. Wu, Act. Phytotax. Sin. 9 (1964) 338.
Complete; Mal. Pen.; locality indicated; monograph.

LYTHRACEAE

Ammannia coccinea ROTTB.—A. Pirola, Riv. Il Riso (1964) 19.
Complete; N. Philippines, Micronesia to Centr. America and the Caribbean; delineated; occasional.

Cuphea carthaginensis (JACQ.) MACBR.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 668.
Partial; Galapagos Is (introd. ?); localities indicated; partial revision.

Lagerstroemia L. sect. **Adambea** DC. subsect. **Adambea**—C. X. Furtado & Montien Srisuko, Gard. Bull. Sing. 24 (1969) 258.
Complete; from India (not Ceylon) through SE. Asia and Malesia; delineated; revision.

sect. **Adambea** DC. subsect. **Banglamea** FURTADO & MONTIEN—C. X. Furtado & Montien Srisuko, Gard. Bull. Sing. 24 (1969) 258.
Complete; from India to China, former Indo-China and Thailand; delineated; revision.

subsect. **Microcarpidium** FURTADO & MONTIEN—C. X. Furtado & Montien Srisuko, Gard. Bull. Sing. 24 (1969) 258.
Complete; China, Siam, Indo-China, Taiwan; delineated; revision; range does not agree with data in text, see p. 272 seq.

sect. Sibia DC. subsect. *Pterocalymma* (TURCZ.) FURTADO & MONTIEN—C. X. Furtado & Montien Srisuko, Gard. Bull. Sing. 24 (1969) 188.

Complete; SE. Asia, Malesia and N. Queensland; delineated; revision.

sect. Trichocarpidium KOEHNE subsect. *Trichocarpidium*—C. X. Furtado & Montien Srisuko, Gard. Bull. Sing. 24 (1969) 293.

Complete; SE. Asia, from Timor E. to New Guinea; delineated; revision; range does not agree with data in text, see p. 292 seq.

subsect. *Trichosepalum* FURTADO & MONTIEN—C. X. Furtado & Montien Srisuko, Gard. Bull. Sing. 24 (1969) 293.

Complete; SE. Asia incl. Malaya, from Timor E. to S. New Guinea and N. Australia; delineated; revision; range does not agree with data in text, see p. 292 seq.

Memphis J. R. & G. FORST.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 201.

Complete; from E. Africa to SE. Polynesia; delineated and localities indicated; literature + herb.

P. acidula FORST.—Y. Horikawa, Atlas Jap. Flora (1972) 233.

Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.

E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 201.

Complete; E. Africa to SE. Polynesia; delineated and localities indicated; literature.

Rotala indica KOEHNE—A. Pirola, Riv. Il Riso (1964) 19.

Complete; S. and E. Asia, W. and Centr. Malesia, incl. Philippines; delineated; occasional.

MAGNOLIACEAE

Magnoliaceae—F. Maekawa, J. Fac. Sci. Univ. Tokyo III, 9 (1965) 186.

± Complete; New & Old World, also incl. E. Asia, Indo-Malesia (not E. of the Moluccas, actually incl. New Guinea); hatched; occasional.

J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 7.

Complete; New & Old World, also incl. Indo-Malesia; delineated; occasional; after Hutchinson 1959.

Elmerrillia DANDY—W. Sauer & F. Ehrendorfer, Oesterr. Bot. Zeitschr. 118 (1970) 47.

Partial; SE. boundary (from Celebes eastwards to New Guinea and New Britain); delineated; occasional.

Magnolia L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 16.

Complete; New & Old World, incl. Centr. America, E. Asia, Indo-Malesia (not E. of Borneo and Java); delineated; occasional; after Dandy and Good.

F. J. W. Bader, Nova Acta Leop. N. F., n. 148, 23 (1960) map 8.

Complete; New & Old World, also incl. E. & SE. Asia, W. Malesia; delineated; literature.

E. K. Janaki Ammal, Mem. Ind. Bot. Soc. 3 (1960) 3.

Complete (polyploidy); New & Old World; delineated; occasional.

G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 97.

Complete; New & Old World, also incl. Indo-Malesia (W. Malesia); shaded; occasional.

R. C. MacLean & W. R. Ivimey-Cook, Textbook of Theor. Botany 3 (1967) 2559.

Complete; New & Old World, incl. SE. Asia, W. and Centr. Malesia; shaded and fossil localities indicated; occasional.

Magnolia L. (incl. *Micheliopsis* H. KENG)—H. Meusel, Flora Abt. B, 158 (1969) 548 (E. Weinert).

Complete; Old & New World, also incl. S. & E. Asia, W. Malesia; delineated, shaded and fossil localities indicated; occasional.

Manglietia Bl.—D. H. Mai, Fedde Rep. 82 (1971) 445.

Complete; SE. Asia, Malesia; delineated; occasional.

W. Sauer & F. Ehrendorfer, Oesterr. Bot. Zeitschr. 118 (1970) 47.

Partial; SE. boundary (incl. Celebes and Flores); delineated; occasional.

Talauma Juss.—W. Sauer & F. Ehrendorfer, Oesterr. Bot. Zeitschr. 118 (1970) 47.

Partial; SE. boundary (incl. Sumba and part of New Guinea); delineated; occasional.

MALPIGHIACEAE

Brachylophon curtisii OLIV.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 302.

Complete; Sumatra to Malaya; delineated and shaded; after Fl. Mal.

Rysopteris tiliifolia (VENT.) Juss.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 302.

Complete; Java, Lombok, Sumbawa; delineated; after Fl. Mal.

R. timoriensis (DC.) Juss.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 302.

Complete; E. Malesia, W. Pacific; delineated; after Fl. Mal.

R. timoriensis (DC.) Juss. var. *discolor* (GAUD.) JACOBS—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 302.

Complete; SE. New Guinea, Solomons, New Caledonia; localities indicated; after Fl. Mal.

MALVACEAE

Abelmoschus ficulneus (L.) W. & A. ex WIGHT—J. van Borssum Waalkes, Blumea 14 (1966) 15.

Partial; India and Ceylon, E. Java, Lesser Sunda Is, SE. New Guinea, N. Australia; localities indicated; partial revision.

A. manihot (L.) MEDIC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 668.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

Abutilon auritum (WALL. ex LINK) SWEET—J. van Borssum Waalkes, Blumea 14 (1966) 15.

± Complete; dry parts of Indonesia, N. Queensland, New Caledonia; localities indicated; partial revision.

- A. depauperatum** (HOOK. f.) ANDERS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 668.
Complete; Galapagos Is; localities indicated; partial revision.
- Anoda acerifolia** DC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 668.
Partial; Galapagos Is; localities indicated; partial revision.
- Bastardia viscosa** (L.) HBK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 673.
Partial; Galapagos Is; localities indicated; partial revision.
- Gossypium** L. (Austr. spp.)—P. A. Fryxell, Austr. J. Bot. 13 (1965) 99.
Partial; Australia; delineated; partial revision.
- Gossypium** (diploid spp.)—L. L. Phillips, Am. J. Bot. 53 (1966) 333.
Complete; Old & New World, also incl. Pacific (Galapagos Is); delineated; occasional.
- G. barbadense** var. **darwinii** (WALT.) HUTCH.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 673.
Complete; Galapagos Is; localities indicated; partial revision.
- G. klotzschianum** ANDERSS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 673.
Complete; Galapagos Is; localities indicated; partial revision.
- G. tomentosum** NUTT.—S. G. Stephens, Native Hawaiian Cotton, Pac. Sc. 18 (1964) 387.
Complete; Hawaii; shaded; occasional; mainly description of habitat and variability.
- Herissantia crispa** (L.) BRIZ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 676.
Partial; Galapagos Is; localities indicated; partial revision.
- Hibiscus** L. (several spp.)—M. Y. Menzel & F. D. Wilson, Brittonia 21 (1969) 119.
Complete (generalized); ± localities indicated; ± partial revision; occasional.
- H. diversifolius** JACQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 676.
Partial; Galapagos Is; localities indicated; partial revision.
- H. meraukensis** HOCHR.—J. van Borssum Waalkes, Blumea 14 (1966) 54.
Partial; Aru Is, S. New Guinea, Torres Strait Is; delineated and localities partly indicated; partial revision.
- H. rosa-sinensis** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 676.
Partial; Galapagos Is (introd.); localities indicated; partial revision.
- H. tiliaceus** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 676.
Partial; Galapagos Is; localities indicated; partial revision.
- Y. Horikawa, Atlas Jap. Flora (1972) map 212.
Partial; Ryu Kyu, Bonin; localities indicated; literature + herb.
- Lagunaria patersonia** (ANDR.) ENDL.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 197.
Complete; monotypic genus; Norfolk I., Lord Howe I., Queensland; localities indicated; literature.

- Malachra alceifolia** JACQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 676.
Partial; Galapagos Is; localities indicated; partial revision.
- M. capitata** (L.) L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 684.
Partial; Galapagos Is; localities indicated; partial revision.
- Malvastrum americanum** (L.) TORREY—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 684.
Partial; Galapagos Is; localities indicated; partial revision.
- M. coromandelianum** (L.) GÄRCKE—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 684.
Partial; Galapagos Is; localities indicated; partial revision.
- M. scoparium** (L'HÉR.) A. GRAY—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 686.
Partial; Galapagos Is; localities indicated; partial revision.
- Malva parviflora** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 684.
Partial; Galapagos Is; localities indicated; partial revision.
- Sida acuta** BURM. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 686.
Partial; Galapagos Is; localities indicated; partial revision.
- S. hederifolia** CAV.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 686.
Partial; Galapagos Is; localities indicated; partial revision.
- S. paniculata** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is 686.
Partial; Galapagos Is; localities indicated; partial revision.
- S. rhombifolia** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 691.
Partial; Galapagos Is; localities indicated; partial revision.
- S. salviifolia** PRESL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 691.
Partial; Galapagos Is; localities indicated; partial revision.
- S. spinosa** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 691.
Partial; Galapagos Is; localities indicated; partial revision.
- Thespesia** CORR. (*lampas* var. *thespesioides* and *populnea*)—P. A. Fryxell, Austr. J. Bot. 13 (1965) 95.
Partial; Australia (N. part); delineated and indicated; partial revision.
- Urocarpidium insulare** (KEARNY) KRAPOV.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 691.
Complete; Galapagos Is; localities indicated; partial revision.

MELASTOMATACEAE

- Melastoma candidum** D. DON—Y. Horikawa, Atlas Jap. Flora (1972) map 247.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- Miconia robinsoniana** COGN. in ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 695.
Complete; Galapagos Is; localities indicated; partial revision.

MELIACEAE

Melia azedarach L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 695.
Partial; Galapagos Is (introd.); localities indicated; partial revision.

Toona ROEM.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen...
(Inaug. Diss. München 1944, Typescript) map 32.
Complete; China, Indo-Malesia, E. Australia; delineated; occasional.

Turraea L.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 400.
Complete; tropics Old World, also incl. Malesia and NE. Australia; delineated;
occasional.

MENISPERMACEAE

Cissampelos galapagensis STEW.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is
(1971) 695.
Complete; Galapagos Is; localities indicated; partial revision.

C. pareira L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 695.
Partial; Galapagos Is; localities indicated; partial revision.

Cocculus laurifolius DC.—Y. Horikawa, Atlas Jap. Flora (1972) map 82.
Complete; S. Japan, Ryu Kyu; localities indicated; literature + herb.

C. trilobus (THUNB.) DC.—Y. Horikawa, Atlas Jap. Flora (1972) map 83.
Partial; Japan, Korea, Ryu Kyu; localities indicated; literature + herb.

Menispernum TOURN.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen...
(Inaug. Diss. München 1944, Typescript) map 20.
Complete; New & Old World, incl. E. North America, E. Asia and Japan; delineated;
occasional.

Stephania japonica (THUNB.) MIERS—Y. Horikawa, Atlas Jap. Flora (1972) map 84.
Partial; S. Japan to Taiwan; localities indicated; literature + herb.

MIMOSACEAE see Leguminosae

MOLLUGINACEAE see Aizoaceae

MONIMIACEAE

Monimiaceae—A. C. Smith in Meggers, Ayensu & Duckworth (ed.) Trop. Forest Ecosystems in Africa and S. America (Smith. Inst. Press 1973) 56.
Complete; New & Old World, also incl. Malesia and W. Pacific; delineated;
occasional.

Hedycarya FORST.—A. Cavaco, Webbia 19 (1965) 590.
Complete; SE. Australia (Tasmania not incl.), New Zealand, W. Pacific; delineated;
occasional.

Laurelia Juss.—A. Cavaco, *Webbia* 19 (1965) 590.
Complete; New Zealand, S. America; delineated; occasional.

Tambourissa TUL.—A. Cavaco, *Webbia* 19 (1965) 590.

Complete; Old World; the only locality in Malesia (Java) is based on an erroneously localized record; the genus is confined to Madagascar and Mascarenes; delineated; occasional.

MORACEAE

tribe **Broussonetieae**—D. I. Axelrod, *Bot. Rev.* 36 (1970) 296.

Complete; pantropic, also incl. SE. Asia, Malesia, N. Australia and W. Pacific; delineated; occasional.

tribe **Dorstenieae**—D. I. Axelrod, *Bot. Rev.* 36 (1970) 296.

Complete; Old & New World tropics, also incl. SE. Asia with Mal. Pen.; delineated; occasional.

tribe **Fatoueae**—D. I. Axelrod, *Bot. Rev.* 36 (1970) 296.

Complete; Old World tropics, also incl. SE. Asia, Malesia, N. Australia and Melanesia; delineated; occasional.

tribe **Moreae**—D. I. Axelrod, *Bot. Rev.* 36 (1970) 296.

Complete; Old & New World, also incl. SE. Asia, Malesia, N. Australia, N. New Zealand, Pacific to Polynesia; delineated; occasional.

tribe **Strebleae**—D. I. Axelrod, *Bot. Rev.* 36 (1970) 296.

Complete; Mascarene Is, SE. Asia through Malesia and Philippines to New Guinea and Bismarck Arch.; delineated; occasional.

Ficus L.—E. J. H. Corner, in *Pacif. Basin Biogeogr.* (ed. J. L. Gressitt 1963) 234.

Partial; Asia and Australasia (incl. W. and S. Pacific); species density; partial revision.

Ficus subg. **Pharmacosycea** sect. **Oreosycea** ser. **Vasculosae** subser. **Albibilae** (**Ficus capillipes** & **F. albipilis**)—G. P. de Wolf, *Kew Bull.* 23 (1969) 504.

Complete; Old & New World, also incl. SE. Asia, Malesia (not in the Philippines, Celebes and Moluccas), New Britain, N. Australia; delineated; partial revision.

Ficus cunia group—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 4 (1968) 134.

Complete; Centr. to SE. Asia, also incl. N. Malaya; delineated; monograph; after Corner.

Ficus pungens-minahassae group—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 4 (1968) 134.

Complete; Malesia (from N. Borneo and the Philippines south-eastwards); New Britain; delineated; after Corner.

Ficus ser. **Superbae** (several spp.)—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 5 (1969) 145.

Partial; SE. & E. Asia, Malesia; delineated; occasional; after Corner.

F. altissima BL.—D. S. Hill, *Figs of Hongkong* (1967) 31.

Complete; SE. Asia (not Malaya), Sumatra, Java, Philippines, Celebes; shaded; monograph; after Corner.

- F. ampelas** BURM. f.—E. J. H. Corner, in *Pacif. Basin Biogeogr.* (ed. J. L. Gressitt 1963) 241.
 Complete; Taiwan, Malesia (excl. Mal. Pen., and Borneo), Bismarck Arch., Trobriand Is, Louisiades; delineated; partial revision.
- L. Croizat, *Atti Ist. Bot. Univ. Pavia VI*, 4 (1968) 213.
 Partial; Malesia (excl. Malaya and Borneo); delineated; monograph; after Corner.
- F. concinna** MIQ.—L. Croizat, *Atti Ist. Bot. Univ. Pavia VI*, 4 (1968) 212.
 Complete; E. Malaya, N. Borneo; localities indicated; monograph; after Corner.
- F. copiosa** STEUD.—E. J. H. Corner, in *Pacif. Basin Biogeogr.* (ed. J. L. Gressitt 1963) 239.
 Complete; E. Malesia (not in the Philippines), W. Pacific (Carolines, Bismarck Arch., Solomons); delineated; partial revision.
- F. deltoidea** JACK (2 vars.)—L. Croizat, *Atti Ist. Bot. Univ. Pavia VI*, 5 (1969) 108.
 Complete; Sumatra through Riouw Lingga and Anambas Is to Borneo; Palawan with ?; delineated; occasional, after Corner.
- F. deltoidea** JACK var. **angustifolia** (MIQ.) CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 284.
 Complete; Lower Thailand, W. Malesia; delineated; monograph.
- var. **arenaria** CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 284.
 Complete; Borneo, Biliton, ? Celebes; delineated; monograph.
- var. **borneensis** CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 284.
 Complete; Borneo; in legend only; monograph.
- var. **deltoidea**—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 284.
 Complete; SE. Malaya, Riouw Lingga Arch., Bangka, Sumatra, Borneo; delineated; monograph.
- var. **intermedia** CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 285.
 Complete; Malaya, Borneo, ? Celebes; delineated; monograph.
- var. **kinabaluensis** (STAPF) CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 284.
 Complete; Sarawak, N. Borneo; localities indicated; monograph.
- var. **kunstleri** (KING) CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 284.
 Complete; Lower Thailand, Malaya; delineated; monograph.
- var. **lutescens** (DESF.) CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 284.
 Complete; Sumatra, Sarawak, N. Borneo; delineated; monograph.
- var. **motleyana** (MIQ.) CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 284.
 Partial; Centr. Sumatra; delineated; monograph.
- E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 285.
 Complete; Centr. Sumatra, Malaya, Borneo, ? Celebes; delineated and locality indicated; monograph.

- var. oligoneura** (MIQ.) CORNER—E. J. H. Corner, Phil. Trans. R. Soc. London B 256 (1969) 284.
Complete; Centr. Sumatra; delineated; monograph.
- var. peltata** CORNER—E. J. H. Corner, Phil. Trans. R. Soc. London B 256 (1969) 284.
Complete; Centr. Sumatra; delineated; monograph.
- var. trengganuensis** CORNER—E. J. H. Corner, Phil. Trans. R. Soc. London B 256 (1969) 284.
Complete; Malaya (Trengganu); delineated; monograph.
- F. elastica** ROXB. ex HORNEM.—D. S. Hill, Figs of Hongkong (1967) 38.
Complete; India, Burma, N. Malaya, Sumatra, Java; shaded; after Corner.
- F. fistulosa** REINW. ex BL. var. **fistulosa**—D. S. Hill, Figs of Hongkong (1967) 88.
Complete; SE. Asia, W. Malesia, also incl. Philippines; shaded; after Corner.
- F. garanbiensis** (*F. pedunculosa* MIQ. var. *mearnsii*)—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 296.
? Complete; N. Philippines; delineated; after Corner.
- F. hirta** VAHL var. **hirta**—D. S. Hill, Figs of Hongkong (1967) 62.
Complete; N. India, SE. Asia, Malaya, Sumatra, Java; shaded; after Corner.
- F. hispida** L. f. var. **hispida**—D. S. Hill, Figs of Hongkong (1967) 84.
Complete; from India and Ceylon to SE. Asia, Malaya, Indonesia, New Guinea, NE. Australia; shaded; after Corner.
- F. macrostyla** CORNER—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 113.
Complete; NW. Borneo; delineated and dotted; after Corner.
- F. melinocarpa** BL.—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 241.
Complete; Malesia (excl. Mal. Pen., Lesser Sunda Is); Melanesia; delineated; partial revision.
- L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 214.
Partial; Malesia (excl. Malaya, Lesser Sunda Is); delineated; after Corner.
- F. microcarpa** L. f.—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 239.
Complete; Indo-Malesia, NE. Australia, Melanesia; delineated; partial revision.
- Y. Horikawa, Atlas Jap. Flora (1972) map 52.
Partial; Ryu Kyu; localities indicated; literature + herb.
- F. microcarpa** L. f. var. **microcarpa**—D. S. Hill, Figs of Hongkong (1967) 34.
Complete; throughout S. & SE. Asia, Malesia, New Britain, N. & NE. Australia; shaded; after Corner.
- var. saffordii** (MERR.) CORNER—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 239.
Complete; W. Pacific (Carolines, Mariannes); delineated; partial revision.
- F. nervosa** HEYNE ex ROTH var. **nervosa**—D. S. Hill, Figs of Hongkong (1967) 44.
Complete; from India to E. Asia; shaded; after Corner.

F. obliqua FORST. f.—E. J. H. Corner, in *Pacif. Basin Biogeogr.* (ed. J. L. Gressitt 1963)

234.

Complete; E. Malesia, N. & E. Australia, New Caledonia, New Hebrides, Fiji, Samoa, Niue; delineated; partial revision.

F. oleafolia KING var. **dodonaeiformis** (GAGNEP.) CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 286.

Complete; Sarawak, Brunei; delineated; monograph.

var. **epiphytica** (ELMER) CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 286.

Complete; S. Philippines (Mindanao, Basilan), Celebes; delineated; monograph.

var. **linearifolia** CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 286.

Complete; Sarawak; delineated; monograph.

var. **memecylofolia** CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 286.

Complete; Borneo, Celebes; delineated; monograph.

var. **myrsinoides** CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 286.

Complete; Borneo; delineated; monograph.

var. **oleafolia**—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 286.

Complete; Centr. Sumatra; delineated; monograph.

var. **riparia** CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 286.

Complete; Sarawak, Brunei; delineated; monograph.

var. **valida** CORNER—E. J. H. Corner, *Phil. Trans. R. Soc. London B* 256 (1969) 286.

Complete; Sarawak; delineated; monograph.

F. pedunculosa MIQ.—E. J. H. Corner, in *Pacif. Basin Biogeogr.* (ed. J. L. Gressitt 1963)

240.

Complete; S. Taiwan, E. Malesia (incl. Philippines, excl. Lesser Sunda Is); delineated; partial revision.

F. pedunculosa MIQ. var. **pedunculosa**—L. Croizat, *Atti Ist. Bot. Univ. Pavia VI*, 4 (1968) 296.

Partial; Philippines, Celebes, Japan I.; delineated; after Corner.

F. pomifera KURZ + vars. (*F. aurantiacea* GRIFF.)—L. Croizat, *Atti Ist. Bot. Univ. Pavia VI*, 4 (1968) 134.

Approximate (confusing drawing); SE. Asia, Malesia; delineated; after Corner.

F. prasinicarpa ELM.—L. Croizat, *Atti Ist. Bot. Univ. Pavia VI*, 4 (1968) 212.

Partial; N. Luzon, Celebes, N. Moluccas, New Guinea, Aru Is; delineated; after Corner.

F. prolixa FORST. f.—E. J. H. Corner, in *Pacif. Basin Biogeogr.* (ed. J. L. Gressitt 1963) 234.

Complete; Pacific: from the Marianas, Carolines, New Caledonia and New Hebrides east as far as Pitcairn (not in Hawaii); delineated; partial revision.

- L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 278.
Complete; Pacific from the Marianas to Pitcairn; delineated; after Corner.
- F. rumphii** Bl.—D. S. Hill, Figs of Hongkong (1967) 27.
Complete; India, SE. Asia, N. Malaya, Java, Timor, SE. Celebes, Moluccas; shaded; after Corner.
- F. sagittata** Vahl var. **sagittata**—D. S. Hill, Figs of Hongkong (1967) 70.
Complete; from N. India through SE. Asia, Malesia (not E. of the Moluccas); shaded; after Corner.
- F. septica** BURM. f.—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 241.
Complete; Taiwan, Ryu Kyu Is. Malesia (excl. Mal. Pen.), Australia (Cape York Penins.), Melanesia; delineated; partial revision.
- L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 213.
Partial; Malesia (excl. Malaya); delineated; after Corner.
- F. subulata** Bl.—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 237.
Complete; SE. Asia, Malesia, Bismarck Arch., Solomons; delineated; partial revision.
- L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 106.
Complete; SE. Asia to Solomons; delineated; after Corner.
- F. subulata** Bl. var. **subulata**—D. S. Hill, Figs of Hongkong (1967) 77.
Complete; from N. India and S. China throughout Malesia (lacking in part of the Philippines) to the Solomons; shaded; after Corner.
- F. superba** MiQ.—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 240.
Complete; E. Asia (incl. Mal. Pen.); Java, Lesser Sunda Is, Ceram, NE. Australia; delineated; partial revision.
- L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 212.
Partial; E. Asia (incl. Malaya), Java, Lesser Sunda Is, Ceram; delineated; after Corner.
- F. superba** MiQ. (3 vars, not *japonica*)—D. S. Hill, Figs of Hongkong (1967) 20.
Complete; E. Asia, also incl. Japan and Malaya, Java, Timor, Celebes, Gulf of Carpentaria; dotted; after Corner.
- F. superba** MiQ. var. **japonica** MiQ.—D. S. Hill, Figs of Hongkong (1967) 20.
Complete; E. Asia, also incl. Japan and Malaya; shaded; after Corner.
- Y. Horikawa, Atlas Jap. Flora (1972) map 54.
Partial; S. Japan to Taiwan; localities indicated; literature + herb.
- F. tinctoria** FORST. f. (3 spp., not *gibbosa*)—D. S. Hill, Figs of Hongkong (1967) 76.
Partly (not Pacific) from India, SE. Asia, through Malesia, and N. Australia, Micronesia; shaded; after Corner.
- F. tinctoria** FORST. f. ssp. **gibbosa** (Bl.) CORNER—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 237.
Complete; SE. Asia, Malesia (not E. of Palawan, Halmahera, Soemba); delineated; partial revision.
- D. S. Hill, Figs of Hongkong (1967) 76.
Complete; SE. Asia, Malaya, Indonesia, Palawan (not E. of Sumbawa and Celebes); shaded; after Corner.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 106.

Complete; SE. Asia to Moluccas; delineated; after Corner.

ssp. *gibbosa* (BL.) CORNER var. *rigida* (MIQ.) CORNER—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 237.

Complete; Sumatra, Java, Lesser Sunda Is., Borneo; indicated by \times ; partial revision.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 106.

Complete; W. Malesia; localities indicated; after Corner.

ssp. *parasitica* (WILLD.) CORNER—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 106.

Complete; from India to E. Asia; delineated; after Corner.

ssp. *swinhoei* (KING) CORNER—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 237.

Complete; Taiwan and Mindanao; indicated by letter S; partial revision.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 106.

Complete; Taiwan, Mindanao; localities indicated; after Corner.

ssp. *tinctoria*—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 237.

Complete; E. Malesia, N. Australia (Cape York Penins.), Pacific (E. from Marianas, incl. also Marquesas and Tuamotu); delineated; partial revision.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 106.

Incomplete; SE. Asia, E. Malesia, Pacific (E. Polynesia not on the map); delineated; after Corner.

F. *variegata* BL. (excl. var. *chlorocarpa* KING)—D. S. Hill, Figs of Hongkong (1967) 80.

Complete; from India to E. & SE. Asia, N. Malesia (not in Sumatra, Java, etc.), Solomons, NE. Australia; shaded and dotted; after Corner.

F. *vasculosa* WALL. ex MIQ. (excl. var. *vasculosa*)—D. S. Hill, Figs of Hongkong (1967)

41.

Complete; from S. China to W. Malesia (incl. Java and Bornéo), Sumatra; shaded and dotted; after Corner.

F. *vasculosa* WALL. ex MIQ. var. *vasculosa*—D. S. Hill, Figs of Hongkong (1967) 41.

Complete; from S. China to Malaya; shaded; after Corner.

F. *virens* ARR.—D. S. Hill, Figs of Hongkong (1967) 24.

Complete; S. & SE. Asia, Malesia, Bismarck Arch., N. Australia, Carolines, Solomons; shaded and dotted; after Corner.

F. *virens* ARR. var. *sublanceolata* (MIQ.) CORNER—D. S. Hill, Figs of Hongkong (1967)

24.

Complete; S. & SE. Asia, Malesia (exc. Borneo), Carolines, Solomons, N. Australia; shaded; after Corner.

F. *virgata* REINW. ex BL.—E. J. H. Corner, in Pacif. Basin Biogeogr. (ed. J. L. Gressitt 1963) 237.

Complete; E. Malesia (incl. Philippines), Australia (Cape York Penins.), W. Pacific incl. Carolines, Melanesia; delineated; partial revision.

- Y. Horikawa**, *Atlas Jap. Flora* (1972) map 55.
 Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- Maclura cochinchinensis** (LOUR.) CORNER—**Y. Horikawa**, *Atlas Jap. Flora* (1972) map 56.
 Partial; S. Japan to Taiwan; localities indicated; literature + herb.

MORINGACEAE

- Moringa** Juss. (8 spp., incl. *M. oleifera* LAM.)—**M. Keraudren**, *Webbia* 19 (1965) 822; reproduced in H. Walter/H. Straka, *Arealkunde, Einführung i.d. Phytologie III/2*, Stuttgart (1970) 91.
 Partial; Africa, Arabia, India; delineated, shaded and localities indicated; partial revision.

MUSACEAE

- Heliconia indica** LAMK. var. *indica*—**P. S. Green**, *Kew Bull.* 23 (1969) 472.
 Complete; from the Moluccas eastwards as far as Fiji and Samoa Is; localities indicated; partial revision.
- M. M. J. van Balgooy & P. S. Green**, *Pac. Pl. Ar.* 3 (1975) map 178.
 Complete; E. Malesia, Melanesia; localities indicated; partial revision.
- var. *lanata* GREEN—**P. S. Green**, *Kew Bull.* 23 (1969) 472.
 Complete; Solomons (on the map evidently wrongly indicated as var. *velutina*); localities indicated; partial revision.
- M. M. J. van Balgooy & P. S. Green**, *Pac. Pl. Ar.* 3 (1975) map 178.
 Complete; Solomons; localities indicated; partial revision.

MYOPORACEAE

- Myoporum** BANKS & SOLAND.—**L. Croizat**, *Trop. Ecol.* 8 (1967) 38.
 Complete; the Mascarenes, E. Asia, E. Malesia, Australia, Tasmania, New Zealand, Pacific (as far E. as Hawaii); notable localities indicated; occasional.
- M. M. J. van Balgooy**, *Blumea Suppl.* 6 (1971) 68.
 Complete; Mascarenes, E. Asia, E. Malesia, Australia, Pacific; delineated; species density; after *Pac. Pl. Ar.*
- M. boninense** KOIZ.—**Y. Horikawa**, *Atlas Jap. Flora* (1972) map 348.
 Complete; Bonin; localities indicated; literature + herb.
- M. bontioides** (SIEB. & ZUCC.) A. GRAY—**Y. Horikawa**, *Atlas Jap. Flora* (1972) map 349.
 Partial; S. Japan to Taiwan; localities indicated; literature + herb.

MYRICACEAE

- Myricaceae**—Meusel, Jäger, Weinert, *Chorologie Zentr. Europ. Flora* (1965) Karten, 116c.
 ± Complete; New & Old World, also incl. Indo-Malesia, Galapagos Is, S. America, (not indicated in New Caledonia!); delineated and shaded; species density; occasional.

Myrica L. s. str. (excl. *Gale*)—H. Meusel, in Gersch, Vortr. mod. Probl. Abst. Lehre 1 (1965) 127.

Complete; New & Old World, also incl. SE. Asia, Malesia; delineated and hatched; occasional; after Meusel, Jäger, Weinert.

M. rubra SIEB. & ZUCC.—Y. Horikawa, Hikobia 4 (1965) 258.

Partial; E. Asia (Japan, Ryu Kyu Is, Taiwan); localities indicated; occasional.

Y. Horikawa, Atlas Jap. Flora (1972) map 30.

Partial; Japan to Taiwan; localities indicated; literature + herb.

MYRISTICACEAE

Gymnacranthera (A. DC.) WARB.—T. C. Whitmore (ed.), Tree Flora Malaya 1 (1972) 319.

Complete; S. India, Penins. SE. Asia, Malesia (not Java and Lesser Sunda Is); delineated; species density; literature + herb.

Horsfieldia WILLD.—T. C. Whitmore (ed.), Tree Flora Malaya 1 (1972) 322.

± Complete (not the whole Pacific); S. India and Ceylon through SE. Asia and Malesia to Pacific; delineated; literature + herb.

Knema LOUR.—T. C. Whitmore (ed.), Tree Flora Malaya 1 (1972) 331.

± Complete (not for Asia); from India eastwards in SE. Asia, Malesia (not beyond extreme W. New Guinea); delineated; literature + herb.

Myristica (L.) GRON.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 515.

Complete; from India to SE. Asia, Indonesia, Philippines, N. Australia, Pacific (as far N. and E. as Palau and Samoa); delineated; monograph.

J. Sinclair, Gard. Bull. Sing. 23 (1968) 516.

Complete; as above; delineated; species density; monograph.

Myristica (L.) GRON. (under *Myristica* BOEHM.)—T. C. Whitmore (ed.), Tree Flora Malaya 1 (1972) 340.

± Complete (not whole Pacific); from S. India and Ceylon through Malesia and N. Australia to Pacific; delineated; literature + herb.

E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 194.

Complete; delineated and localities partly indicated; after Sinclair.

M. buchneriana WARB.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 517.

Complete; N. and E. New Guinea; localities indicated; monograph.

M. ceylanica A. DC. var. *ceylanica*—J. Sinclair, Gard. Bull. Sing. 23 (1968) 518.

Complete; Ceylon and Philippine Is (not in Palawan); localities indicated; monograph.

M. chrysophylla SINCL. var. *chrysophylla*—J. Sinclair, Gard. Bull. Sing. 23 (1968) 519.

Complete; E. New Guinea; localities indicated; monograph.

var. *entrecasteauxensis* SINCL.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 519.

Complete; D'Entrecasteaux Is; localities indicated; monograph.

- M. cinnamomea** KING.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 520.
 Complete; from Sumatra through Mal. Pen., Borneo, to Mindanao; localities indicated; monograph.
- M. elliptica** HOOK. f. & THOMP. var. **celebica** (MIQ.) SINCL.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 521.
 Complete; from E. Borneo through Celebes to W. Moluccas; delineated; monograph.
- var. **elliptica**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 521.
 Complete; W. Malesia (Sumatra to Borneo, incl. Bangka and Billiton); localities indicated; monograph.
- var. **simiarum** (A. DC.) SINCL.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 521.
 Complete; Philippines (not in Palawan) to S. Taiwan; localities indicated; monograph.
- M. fatua** HOUTT.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 194.
 Complete; S. India, Malesia (not in the W. part), Pacific; localities indicated; after Sinclair.
- M. fusca** MARKG.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 519.
 Complete; N. New Guinea; localities indicated; monograph.
- M. gigantea** KING.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 522.
 Complete; Sumatra, Malaya, Borneo; localities indicated; monograph.
- M. globosa** WARB.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 523.
 Complete; E. Malesia (Moluccas and New Guinea), Bismarck Arch., Solomons, D'Entrecasteaux Is and Louisiades; localities indicated; monograph.
- M. guatteriifolia** A. DC.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 254.
 Complete; SE. Asia, W. Malesia (not from Celebes and Lombok eastwards); localities indicated; monograph.
- M. hollrungii** WARB.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 525.
 Complete; New Guinea, New Britain; localities indicated; monograph.
- M. hypargyraea** A. GRAY—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 194.
 Complete; Micronesia, Melanesia; localities indicated; after Sinclair.
- M. iners** BL.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 526.
 Complete; SE. Asia, W. Malesia (not E. of Java and Borneo); localities indicated; monograph.
- M. insipida** R. BR.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 527.
 Complete; Lesser Sunda Is (Babar and Timorlaoet), N. and NE. Australia, S. New Guinea; localities indicated; monograph.
- M. lancifolia** POIR. var. **bifurcata** SINCL.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 528.
 Complete; Moluccas, W. New Guinea, ? Celebes (not indicated); localities indicated; monograph; legend incorrect as to the sign.
- var. **clemensii** (A. C. SM.) SINCL.—J. Sinclair, Gard. Bull. Sing. 23 (1968) 528.
 Complete; E. half of New Guinea, New Britain; localities indicated; monograph.

- var. *lancifolia***—J. Sinclair, Gard. Bull. Sing. 23 (1968) 528.
Complete; New Guinea and neighbouring islands; Aru Is; localities indicated; monograph.
- var. *montana* (ROXB.) SINCL.**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 528.
Complete; E. Lesser Sunda Is; Moluccas; localities indicated; monograph.
- M. *lowiana* KING**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 529.
Complete; W. Malesia (Sumatra to Borneo); localities indicated; monograph.
- M. *markgraviana* A. C. SM.**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 530.
Complete; E. New Guinea; localities indicated; monograph.
- M. *maxima* WARB.**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 531.
Complete; from islands W. of Sumatra to Borneo (not Bangka and Billiton); localities indicated; monograph.
- M. *papyracea* SINCL.**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 531.
Complete; Borneo (not in the S.); delineated; monograph.
- M. *rosselensis* SINCL.**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 532.
Complete; Louisiade Arch.; localities indicated; monograph.
- M. *schleinitzii* ENGL.**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 532.
Complete; New Guinea, Bismarck Arch., Solomons; localities indicated; monograph.
- M. *subalulata* MIQ.**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 533.
Complete; New Guinea and neighbouring islands; Kai Is, Aru Is, Duke of York I., D'Entrecasteaux Is; localities indicated; monograph.
- M. *tubiflora* BL.**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 534.
Complete; New Guinea, Japen I.; localities indicated; monograph.
- M. *womersleyi* SINCL.**—J. Sinclair, Gard. Bull. Sing. 23 (1968) 519.
Complete; NE. New Guinea; localities indicated; monograph.

MYRSINACEAE

- Aegiceras GAERTN.**—M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 66.
Complete; Indo-Australia, incl. Malesia and Pacific (Solomons, Lord Howe I.); delineated; after Pac. Pl. Ar.
- R. F. Thorne, Quart. Rev. Biol. 47 (1972) 389.
Complete; Indo-Australia; delineated and shaded; after Pac. Pl. Ar.
- Ardisia crenata** SIMS—Y. Horikawa, Hikobia 4 (1965) 259.
Partial; E. Asia (Japan, Ryu Kyu, Taiwan); localities indicated; occasional.
- Y. Horikawa, Atlas Jap. Flora (1972) map 296.
Partial; Japan to Taiwan; localities indicated; literature + herb.

MYRTACEAE

- Eucalyptus L'HÉR.**—G. Krüssmann, Handb. d. Laubgehölze 1 (1960) 423.
Complete; E. Malesia, also incl. Philippines, Australia and Tasmania; shaded; occasional.

- R. Good, Geogr. Fl. Pl. ed. 3 (1964) 100.
 Complete; Philippines, E. Malesia, New Britain, Australia, Tasmania; shaded; occasional.
- L. Croizat, Trop. Ecol. 8 (1967) 38.
 ±Complete; Australia and S. New Guinea in the main; delineated; occasional.
- H. Walter/H. Straka, Arealkunde, Einführung i. d. Phytologie III/2, Stuttgart (1970) 59.
 Complete; Philippines, Australia and S. New Guinea; delineated and shaded; occasional; after Good, emend.
- E. alba** REINW. ex BL.—S. G. M. Carr, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 158.
 Complete; Australia, Lesser Sunda Is, New Guinea; shaded; literature + herb.
- E. confertiflora** F. v. M.—S. G. M. Carr, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 159.
 Complete; N. Australia, New Guinea; shaded; literature + herb.
- E. decaisneana** Bl.—S. G. M. Carr, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 154.
 Complete; Lesser Sunda Is; shaded; literature + herb.
- E. deglupta** Bl.—S. G. M. Carr, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 154.
 Complete; E. Malesia, New Britain; shaded; literature + herb.
- E. papuana** F. v. M.—N. Hall, R. D. Johnston, G. M. Chippendale, Forest Trees of Australia ed. 3 (1970) 22.
 Partial; Australia (also occurs in New Guinea); shaded; literature + herb.
- S. G. M. Carr, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 158.
 Complete; Australia, New Guinea; shaded; literature + herb.
- E. polycarpa** F. v. M. (s.l.)—S. G. M. Carr, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 165.
 Complete; Australia, New Guinea; shaded; literature + herb.
- E. tereticornis** SM.—N. Hall, R. D. Johnston, G. M. Chippendale, Forest Trees of Australia ed. 3 (1970) 92.
 Partial; E. Australia (also occurs in New Guinea); shaded; literature + herb.
- S. G. M. Carr, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 159.
 Complete; E. Australia, New Guinea; shaded; literature + herb.
- Melaleuca cajuputi** POWELL—S. T. Blake, Contr. Qld. Herb. 1 (1968) 110.
 Complete; SE. Asia, Malesia (locally), S. New Guinea, N. Australia; localities indicated; monograph.
- M. dealbata** BLAKE—S. T. Blake, Contr. Qld. Herb. 1 (1968) 112.
 Complete; S. New Guinea, N. Australia and coast NE. Australia; localities indicated; monograph.

- M. leucadendron** (L.) L.—S. T. Blake, Contr. Qld. Herb. 1 (1968) 110.
Complete; Moluccas, Aru Is, New Guinea, N. Australia; localities indicated; monograph.
- M. nervosa** (LINDL.) CHEEL—S. T. Blake, Contr. Qld. Herb. 1 (1968) 112.
Complete; S. New Guinea, N. Australia; localities indicated; monograph.
- M. quinquenervia** (CAV.) BLAKE—S. T. Blake, Contr. Qld. Herb. 1 (1968) 111.
Complete; S. New Guinea, Melanesia, NE. & E. coast Australia; localities indicated; monograph.
- M. viridiflora** SOL. ex GAERTN.—S. T. Blake, Contr. Qld. Herb. 1 (1968) 111.
Complete; S. New Guinea, N. Australia and coast NE. Australia; localities indicated; monograph.
- Metrosideros** BANKS ex GAERTN.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 12.
Complete; from S. Africa to many islands in the Pacific; also incl. Sumatra, Java, Moluccas, New Guinea, New Zealand; arrows, species density; literature.
- R. Good, Geogr. Fl. Pl. ed. 3 (1964) 129.
Complete; S. Africa, Sumatra, Java, Moluccas, New Guinea, N. Australia, New Zealand, Pacific (also Bonin Is); delineated; occasional; after Bader.
- T. Tuyama & Sh. Asami, The Nature of the Bonin Islands, 1 (1970) 126.
Complete; from Celebes through New Guinea and N. Australia, Pacific as far east as Easter I., also Bonin and Hawaii; delineated and localities indicated; occasional.
- A. Graham (ed.), Florist. & Palaeoflorist. Asia & E. North Amer. (1972) 80.
Wrong (in reality area of Santalum); delineated.

Psidium galapageium HOOK. f. (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 707.
Complete; Galapagos Is; localities indicated; partial revision.

P. guajava L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 707.
Partial; Galapagos Is; localities indicated; partial revision.

Rhodomyrtus tomentosa (AIT.) HASSK.—Y. Horikawa, Atlas Jap. Flora (1972) map 242.
Partial; Ryu Kyu; localities indicated; literature + herb.

NAJADACEAE

Najas guadelupensis (SPRENG.) MORONG—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 895.
Partial; Galapagos Is; locality indicated; partial revision.

N. indica (WILLD.) CHAM. (sub syn. *N. falculata* A. BR., *N. foeculata* A. BR., *N. kingii* RENDLE, *N. lacerata* RENDLE)—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 27a.
Incomplete; SE. Asia, Japan, Indonesia (not in Borneo); localities indicated; occasional.

N. marina L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 901.
Partial; Galapagos Is; localities indicated; partial revision.

N. tenuifolia R. Br.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 27a.
Incomplete; SE. Australia, New Caledonia (not indicated for Malesia); localities indicated; occasional.

NEPENTHACEAE

Nepenthaceae—M. Hotta, Nature Study 15 (1969) 94.

Complete; from Madagascar, India and Ceylon through Malesia to New Caledonia; shaded (with letters); partial revision.

Nepenthes L.—R. Melville, Syst. Ass. Publ. 7 (1967) 302; in Adams & Ager, Aspects of Tethyan Biogeography.

Complete; Old World, also incl. Malesia, NE. Australia, Carolines, New Caledonia; delineated and dotted; occasional.

J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 501.

Complete; from Madagascar through Indo-Malesia to SW. Pacific; delineated; occasional; after Hutchinson 1959.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 50.

Complete; Madagascar to Ceylon, Himalaya, SE. Asia, Malesia, New Caledonia; delineated and localities partly indicated; occasional.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 388.

Complete; Malagassy, Indo-Australia, New Caledonia; shaded; after Good and Pac. Pl. Ar.

N. vieillardii Hook. f.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 302.

Complete; W. New Guinea, New Caledonia; delineated; occasional.

M. Hotta, Nature Study 15 (1969) 94.

Incomplete; New Caledonia; shaded (with E); partial revision.

NOLANACEAE

Nolana galapagensis (CHRISTOPH.) JOHNST.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 411.

Complete; Galapagos Is; localities indicated; partial revision.

NYCTAGINACEAE

Boerhavia caribaea JACQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 223.
Partial; Galapagos Is; localities indicated; partial revision.

B. chinensis (L.) ASCHERS. & SCHWEINF.—J. F. Stemmerik, Fl. Mal. I, 6 (1964) 455.
Partial; S. Malesia; E. Java, Madura, Kangean Is, Lesser Sunda Is, Kai Is; localities indicated; partial revision.

B. coccinea MILL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 223.
Partial; Galapagos Is; localities indicated; partial revision.

B. erecta L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 223.
Partial; Galapagos Is; localities indicated; partial revision.

Commicarpus tuberosum (LAMK.) STANDL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 227.
Partial; Galapagos Is; localities indicated; partial revision.

Cryptocarpus pyriformis HBK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 227.
Partial; Galapagos Is; localities indicated; partial revision.

Mirabilis jalappa L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 227.
Partial; Galapagos Is (introd.); localities indicated; partial revision.

Pisonia PLUM.—J. F. Stemmerik, Fl. Mal. I, 6 (1964) 462.
Partial; Indo-Malesia, N. Australia, W. Pacific; localities ± indicated; partial revision.

P. aculeata L.—J. F. Stemmerik, Fl. Mal. I, 6 (1964) 467.
Partial; Indo-Malesia, also in N. Australia and New Caledonia; localities indicated; partial revision.

P. cauliflora SCHEFF.—J. F. Stemmerik, Fl. Mal. I, 6 (1964) 462.
Complete; E. Indonesia, Marianas, Solomons; localities indicated; partial revision.

P. floribunda HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 228.
Complete; Galapagos Is; localities indicated; partial revision.

P. grandis R. BR.—J. F. Stemmerik, Fl. Mal. I, 6 (1964) 465.
Partial; in and around Malesia, largely on small islands (also near Australia) also in W. Pacific; localities indicated; partial revision.

P. longirostris T. & B.—J. F. Stemmerik, Fl. Mal. I, 6 (1964) 464.
Complete; E. Malesia: Sulu Is, Moluccas, Timor, Aru Is, New Guinea, Bismarck Arch., Solomons; localities indicated; partial revision.

P. mülleriana WARB.—J. F. Stemmerik, Fl. Mal. I, 6 (1964) 462.
Complete; New Guinea, Solomons; localities indicated; partial revision.

P. umbellifera FORST.—J. F. Stemmerik, Fl. Mal. I, 6 (1964) 461.
Partial; in and around Malesia, also incl. E. Australia, Tasmania, N. New Zealand, Micronesia, Melanesia, W. Pacific; localities indicated; partial revision.

NYMPHAEACEAE

Brasenia SCHREB.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärfpflanzen...
(Inaug. Diss. München 1944, Typescript) map 22.

Complete; New & Old World, also incl. E. Asia, Taiwan and Japan, SE. Australia; delineated; occasional.

Nelumbo ADANS.—N. S. Snigirevskaja, Flora i sist. vyss. rast. 13 (1964) II, f. 1.

Complete; New & Old World, incl. Indo-Malesia and NE. Australia; delineated and fossil occurrences; occasional.

- H. Walter/H. Straka, Arealkunde, Einführung i. d. Phytologie, Stuttgart (1970) 158.
Complete; World; delineated; shaded and fossil localities indicated; occasional.
- R. Schnell, Introd. Phylogéogr. Pays trop. 1 (1970) 107.
Complete; New & Old World, also incl. S. Asia, Malesia (not Borneo), N. Australia; shaded and fossil localities indicated; after Berry 1917 and Arber 1963.
- R. F. Thorne, Quart. Rev. Biol. 47 (1972) 382.
Complete; Old & New World, Indo-Australia, E. America; shaded and fossil localities indicated; after Good.
- N. nucifera** GAERTN.—C. D. Sculthorpe, The Biology of Aquatic Vascular Plants (London, 1967) 372.
Complete; Old World, Asia, Malesia, N. Australia; shaded and fossil localities indicated; occasional.

NYSSACEAE

- Nyssa** L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 25.
Complete; New & Old World: E. part N. America, Indo-Malesia (not E. of Java and Borneo); delineated; occasional.
- E. L. Little, Atlas of United States Trees 1 (1971) maps 143—145.
Partial (3 spp.); N. America; shaded and localities indicated; partial revision; herb. + literature.
- C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972) 110.
Complete; Old & New World; shaded and also fossil localities indicated; after Eyde and Barghoorn.
- W. N. Darwin, U. S. Dept. Agric. For. Service, American Woods FS-269 (1972) 2, 4.
Partial (2 spp.); N. & C. America; delineated and shaded; partial revision.

OCHNACEAE

- Ochnaceae subfam. Sauvagesoideae**—A. Kanis, Blumea 16 (1968) 16.
Partial; Indo-Pacific area (as far as Solomons); delineated; partial revision.
- Brackenridgea** A. GRAY—A. Kanis, Blumea 16 (1968) 14, 42.
Complete; SE. Asia, Sumatra, Mal. Pen., Borneo, Philippines, Celebes, New Guinea, NE. Australia, Fiji; delineated; partial revision.
- B. fascicularis** (BLANCO) VILL. (+ 2 spp.)—A. Kanis, Blumea 16 (1968) 42.
Complete; Philippines (excl. Palawan); delineated; partial revision.
- B. forbesii** TIEGH.—A. Kanis, Blumea 16 (1968) 42.
Complete; New Guinea; delineated; partial revision.
- B. hookeri** (PLANCH.) A. GRAY—A. Kanis, Blumea 16 (1968) 42.
Complete; Andamans, Siam, Mal. Pen., W. Borneo; delineated; partial revision.
- B. nitida** A. GRAY (+ 2 spp.)—A. Kanis, Blumea 16 (1968) 42.
Complete; NE. Australia, Fiji; delineated; partial revision.

- B. palustris** BARTELL. (+ spp.)—A. Kanis, Blumea 16 (1968) 42.
 Complete; Sumatra, Mal. Pen., Borneo, Palawan, Celebes; delineated; partial revision.
- Euthemis** JACK—A. Kanis, Blumea 16 (1968) 16, 63.
 Complete; Cambodia, Sumatra, Mal. Pen., Borneo; delineated; partial revision.
- E. leucocarpa** JACK—A. Kanis, Blumea 16 (1968) 63.
 Complete; SW. Cambodia, Sumatra, Mal. Pen., Borneo; delineated; partial revision.
- E. minor** JACK—A. Kanis, Blumea 16 (1968) 63.
 Complete; Sumatra, Mal. Pen., Riouw Arch., Bangka, Borneo; delineated; partial revision.
- Gomphlia** SCHREB.—A. Kanis, Blumea 16 (1968) 14.
 Partial; SE. Asia, Sumatra, Mal. Pen., Borneo, Philippines, Celebes; delineated; partial revision.
- Indovethia** BOERL.—A. Kanis, Blumea 16 (1968) 16.
 Complete; Centr. Sumatra, W. Borneo; delineated; partial revision.
- Neckia** KORTH.—A. Kanis, Blumea 16 (1968) 16.
 Complete; Sumatra, Mal. Pen., Borneo, Philippines; delineated; partial revision.
- N. serrata** KORTH. [under *Sauvagesia serrata* (KORTH.) SASTRE]—C. Sastre, C. R. Soc. Biogéogr. 48 (1972) 47.
 Complete; W. Malesia: Sumatra, Mal. Pen., Borneo; localities indicated; partial revision.
- Ochna** L.—A. Kanis, Blumea 16 (1968) 14.
 Partial; SE. Asia, incl. northern tip of Malaya; delineated; partial revision.
- Ochna** L. sect. **Ochna**—A. Kanis, Blumea 16 (1968) 25.
 Partial; SE. Asia, also incl. northern tip of Mal. Pen.; delineated; partial revision.
- O. integerrima** (LOUR.) MERR.—A. Kanis, Blumea 16 (1968) 25.
 Complete; SE. Asia, also incl. N. Mal. Pen.; delineated; partial revision.
- Sauvagesia** L. (incl. *Neckia serrata* KORTH., see there)—C. Sastre, C. R. S. Soc. Biogéogr. 48 (1972) 47–59.
 Complete; W. Malesia: Sumatra, Mal. Pen., Borneo; localities indicated; occasional.
- S. serrata** (KORTH.) SASTRE—C. Sastre, Monographie du genre *Sauvagesia*, Thèse Univ. Paris (1973) 112.
 Complete; Malaya, Borneo, Sumatra; localities indicated; partial revision.
- Schuurmansi** BL.—A. Kanis, Blumea 16 (1968) 16, 74.
 Complete; Borneo, Philippines, Celebes, Moluccas, New Guinea, Bismarck Arch., Solomons; delineated; partial revision.
- S. elegans** BL.—A. Kanis, Blumea 16 (1968) 74.
 Complete; Borneo, ? Mindanao, Celebes, Moluccas, New Guinea; delineated; partial revision.
- S. henningsii** K. SCH.—A. Kanis, Blumea 16 (1968) 74.
 Complete; Moluccas, New Guinea, Bismarck Arch., Solomons; delineated; partial revision.

R. D. Hoogland, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 151.

Complete; E. Malesia, Bismarck Arch., Solomons; localities indicated; literature + herb.

S. vidalii (F.-VILL.) MERR.—A. Kanis, Blumea 16 (1968) 74.

Complete; SE. Luzon; delineated; partial revision.

Schuurmansiella HALL. f.—A. Kanis, Blumea 16 (1968) 16.

Complete; NW. Borneo; delineated; partial revision.

OLEACEAE

Fraxinus L.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 11.

Complete; New & Old World, also incl. E. Asia, Java, Luzon; delineated; literature.

G. Krüssmann, Handb. d. Laubgehölze 1 (1960) 451 (= Hippophae, see correction vol. 2, p. 605).

Incomplete; New & Old World, incl. Europe and Centr. & E. Asia, but rightly also in Indo-Malesia; shaded; occasional.

Fraxinus L. (+ sections)—R. Scharfetter, Biogr. Pflanzensippen (1953) 345.

Complete; World; delineated and fossil localities indicated; monograph; after Lingelsheim 1908 = 1907?

Ligustrum L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 51.

Complete; Old World, also incl. E. Asia, Japan, Taiwan, Bonin Is, Sumatra, Java, NE. Australia; delineated; occasional.

P. S. Green, Kew Bull. 26 (1972) 488.

Partial; Europe, Asia; delineated; occasional.

Linociera ramiflora (ROXB.) WALL.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 296.

Partial; Philippines and small islet near Taiwan; delineated; occasional.

Notelaea VENT.—L. Croizat, Mem. Soc. Brot. 20 (1968) 126.

Complete; Canaries and Australasia, also incl. New Caledonia; arrow; occasional.

Olea L.—L. Croizat, Mem. Soc. Brot. 20 (1968) 126.

Complete; Mediterranean, Africa, Asia and NE. Australia, New Zealand; shaded; occasional.

Osmanthus LOUR.—G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 154.

Incomplete; from the Himalayas to E. Asia: ? Malaya and Sumatra (in the text Polynesia, not on the map); shaded; occasional.

Osmanthus sect. *Osmanthus*—P. S. Green, Kew Bull. 26 (1972) 488.

Complete; E. Asia, Bonin Is; delineated; occasional.

ONAGRACEAE

Epilobium detznerianum SCHLTR. ex DIELS—P. H. Raven, Blumea 15 (1967) 278.

Complete; New Guinea; localities indicated; partial revision.

- E. hooglandii** RAVEN—P. H. Raven, *Blumea* 15 (1967) 279.
Complete; New Guinea; localities indicated; partial revision.
- E. keysseri** DIELS—P. H. Raven, *Blumea* 15 (1967) 275.
Complete; New Guinea; localities indicated; partial revision.
- E. prostratum** WARB.—P. H. Raven, *Blumea* 15 (1967) 281.
Partial; New Guinea (also occurring in Celebes and Centr. Ceram); localities indicated; partial revision.
- Fuchsia** L.—L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 4 (1968) 250.
Complete; New Zealand, Tahiti, Centr. & S. America; localities indicated; occasional.
- J. Hutchinson, *Evol. & Phylog. Fl. Pl.* (1969) 545.
± Complete; New Zealand, America (Mexico to Fuegia); delineated; occasional.
- Jussiaea leptocarpa** NUTT. var. **genuina** MUNZ—Ph. A. Munz, *Darwinia* 4 (1942) 263.
(See also sub *Ludwigia*)
Complete; New World, also incl. Galapagos Is; delineated; partial revision.
- Ludwigia adscendens** (L.) HARA—P. H. Raven, *Reinwardtia* 6 (1963) 424, 425.
Complete; Old World, Indo-Malesia, extreme N. Australia; localities indicated; partial revision.
- L. epilobiooides** MAXIM. ssp. **epilobiooides**—P. H. Raven, *Reinwardtia* 6 (1963) 420.
Complete; E. Asia, Japan, Taiwan; localities indicated; partial revision.
- ssp. **greatexii** (HARA) RAVEN—P. H. Raven, *Reinwardtia* 6 (1963) 423.
Complete; Japan and islands S. of it; localities indicated; partial revision.
- L. erecta** (L.) HARA—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 707.
Partial; Galapagos Is; localities indicated; partial revision.
- L. hyssopifolia** (G. DON) EXELL—P. H. Raven, *Reinwardtia* 6 (1963) 423.
Complete; Old World, incl. Indo-Malesia, N. Australia, Pacific; localities indicated; partial revision.
- L. leptocarpa** (NUTT.) HARA—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 710.
Partial; Galapagos Is; localities indicated; partial revision.
- L. octovalvis** (JACQ.) RAVEN—P. H. Raven, *Reinwardtia* 6 (1963) 418.
Partial; Old World, incl. Indo-Malesia, N. Australia, Pacific; localities indicated; partial revision.
- L. ovalis** MIQ.—P. H. Raven, *Reinwardtia* 6 (1963) 423.
Complete; Old World, N. China, Japan, Taiwan; localities indicated; partial revision.
- L. peploides** (HBK) RAVEN—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 710.
Partial; Galapagos Is; localities indicated; partial revision.
- L. peploides** ssp. **montevidensis** (SPRENG.) RAVEN—P. H. Raven, *Reinwardtia* 6 (1963) 425.
Partial; Australia; localities indicated (New Zealand not mapped); partial revision.

- ssp. stipulacea (OHWI) RAVEN**—P. H. Raven, Reinwardtia 6 (1963) 424.
Complete; E. Asia; localities indicated; partial revision.
- L. perennis L.**—P. H. Raven, Reinwardtia 6 (1963) 419.
Complete; Old World, incl. Africa, Madagascar, Indo-Malesia (excl. Borneo, New Guinea); N. Australia, Pacific (New Caledonia); localities indicated; partial revision.
- L. peruviana (L.) HARA**—P. H. Raven, Reinwardtia 6 (1963) 413.
Partial; naturalized in the Old World, Indo-Malesia (incl. Sumatra, Singapore, Bangka, Java); localities indicated; partial revision.
- L. prostrata ROXB.**—P. H. Raven, Reinwardtia 6 (1963) 420.
Complete; Indo-Malesia, incl. Mal. Pen., Java, Borneo, Luzon, Mindanao, Timor; localities indicated; partial revision.

ORCHIDACEAE

- Apostasieae**—E. F. de Vogel, Blumea 17 (1969) 321.
Complete; from Ceylon and the Himalayas through SE. & E. Asia, Malesia to N. Queensland and the Louisiades; genera and species density; monograph.
- Adenochilus gracilis HOOK. f.**—J. Burrows, Tuatara 13 (1965) 17.
Complete; New Zealand; localities indicated; occasional.
- Apostasia elliptica J. J. S.**—E. F. de Vogel, Blumea 17 (1969) 347.
Complete; W. Sumatra, N. Malaya; localities indicated; monograph.
- A. latifolia ROLFE**—E. F. de Vogel, Blumea 17 (1969) 347.
Complete; Malaya; localities indicated; monograph.
- A. nuda R. BR.**—E. F. de Vogel, Blumea 17 (1969) 347.
Complete; Penins. SE. Asia, W. Malesia, incl. W. Java and Borneo; localities indicated; monograph.
- A. odorata BL.**—E. F. de Vogel, Blumea 17 (1969) 337.
Complete; from Assam to SE. Asia and W. Malesia (as far as W. Java, N. Borneo, Celebes; localities indicated; monograph.
- A. parvula SCHLTR.**—E. F. de Vogel, Blumea 17 (1969) 337.
Complete; Borneo; localities indicated; monograph.
- A. wallichii R. BR.**—E. F. de Vogel, Blumea 17 (1969) 341.
Complete; from Ceylon and NE. India through SE. Asia and Malesia (not Lesser Sunda Is) to Normanby I., and NE. Queensland; localities indicated; monograph.
- Arthrochilus irritabilis F. v. M.**—D. F. Blaxell, Contr. N. S. W. Nat. Herb. 4 (1972) 277.
Complete; New Guinea, Australia; localities indicated; monograph.
- Brachycorythis LINDL.**—L. A. Garay, Proc. 4th World Orch. Conf. (1963) Sing. (1964) 182.
Complete; Old World, incl. Africa and SE. Asia; delineated; monograph.

Bulbophyllum THOU.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 249.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.

Calanthe R. BR.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 248.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.

Cirrhopetalum LINDL.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 249.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.

Coelogyné LINDL.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 245.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.

Cymbidium Sw.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 251.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.

Cypripedium L.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 230.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.

Dendrobium Sw.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 247.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.

Disperis Sw.—L. A. Garay, Proc. 4th World Orch. Conf. (1963) Sing. (1964) 182.
Complete; Old World, incl. Africa; Indo-Malesia (not W. & Centr. Malesia); delineated; monograph.

Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 255.
Complete; Africa, E. Asia, Java, Philippines, New Guinea, N. Australia, Micronesia; delineated and localities indicated; occasional.

Epidendrum spicatum HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 901.
Complete; Galapagos Is; localities indicated; partial revision.

Epipogium roseum (D. DON) LINDL.—T. Tuyama, J. Jap. Bot. 42 (1967) 304, 306.
Partial; S. & E. Asia, Malesia, SE. Australia, New Hebrides; (306, from Japan to Taiwan) localities indicated; partial revision.

Epistephium HBK—L. A. Garay, Proc. 4th World Orch. Conf. (1963) Sing. (1964) 183.
Complete; Centr. & S. America; Pacific (New Caledonia); delineated; monograph.

Eria LINDL.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 247.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.

Eulophia R. BR.—L. A. Garay, Proc. 4th World Orch. Conf. (1963) Sing. (1964) 178.
Complete; New & Old World, also incl. Indo-Malesia, N. Australia and W. Pacific; delineated; monograph.

Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 250.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.

E. alta (L.) F. & R.—L. A. Garay, Proc. 4th World Orch. Conf. (1963) Sing. (1964) 178.

Complete; New & Old World, also incl. Africa and Centr. America; delineated; monograph.

- E. squalida** LINDL.—L. A. Garay, Proc. 4th World Orch. Conf. (1963) Sing. (1964) 178.
Complete; Old World, incl. islands E. of Africa and Malesia; delineated; monograph.
- Eulophidium pulchrum** (THOU.) SUMMERH.—L. A. Garay, Proc. 4th World Orch. Conf. (1963) Sing. (1964) 179.
Complete; Old World, incl. Africa, Indo-Malesia, W. Pacific (Yap, Palau, Marianas); delineated; monograph.
- Goodyera R. BR.**—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 242.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Govenia utriculata** (Sw.) LINDL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 901.
Partial; Galapagos Is; localities indicated; partial revision.
- Habenaria** WILLD.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 237.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- H. alata** HOOK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 901.
Partial; Galapagos Is; localities indicated; partial revision.
- H. monorrhiza** (Sw.) REICHB. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 912.
Partial; Galapagos Is; localities indicated; partial revision.
- Herminium GUETT.**—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 233.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Ionopsis utricularioides** (Sw.) LINDL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 912.
Partial; Galapagos Is; localities indicated; partial revision.
- Liparis RICH.**—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 244.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- L. nervosa** (THUNB.) LINDL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 912.
Partial; Galapagos Is; localities indicated; partial revision.
- L. odorata** (WILLD.) LINDL.—L. A. Garay, Proc. 4th World Orch. Conf. (1963) Sing. (1964) 177.
Complete; Old & New World, incl. Indo-Malesia (not in N. and Centr. Malesia); delineated; monograph.
- Malaxis SOLAND. ex Sw.**—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 244.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Microtis R. BR.**—C. G. G. J. van Steenis, Mountain Flora of Java (1972) 59.
Complete; islands off E. Asia, Java, Borneo, Timor, Australia, Tasmania, New Zealand, W. Pacific; shaded and localities indicated; map by Van Balgooy after herb. + literature.
- Neuwiedia borneensis** DE VOGEL—E. F. de Vogel, Blumea 17 (1969) 327.
Complete; Sarawak and S. Borneo; localities indicated; monograph.

- N. elongata** DE VOGEL—E. F. de Vogel, Blumea 17 (1969) 327.
Complete; E. Borneo; localities indicated; monograph.
- N. griffithii** REICHB. f.—E. F. de Vogel, Blumea 17 (1969) 327.
Complete; Sumatra, Malaya; localities indicated; monograph.
- N. inae** DE VOGEL—E. F. de Vogel, Blumea 17 (1969) 327.
Complete; Borneo; localities indicated; monograph.
- N. siamensis** DE VOGEL—E. F. de Vogel, Blumea 17 (1969) 327.
Complete; Thailand; localities indicated; monograph.
- N. veratrifolia** BL.—E. F. de Vogel, Blumea 17 (1969) 324.
Complete; Malesia to the Louisiades (not in Centr. and E. Java and Lesser Sunda Is); localities indicated; monograph.
- N. zollingeri** REICHB. f. var. **javanica** (J. J. S.) DE VOGEL—E. F. de Vogel, Blumea 17 (1969) 330.
Complete; S. Sumatra, W. Java, Bali; localities indicated; monograph.
- var. **singapureana** (BAKER) DE VOGEL—E. F. de Vogel, Blumea 17 (1969) 330.
Complete; SE. Asia, Sumatra, Bangka, Billiton, Lingga Arch., Malaya, Anambas, Borneo; localities indicated; monograph.
- var. **zollingeri**—E. F. de Vogel, Blumea 17 (1969) 330.
Complete; W. & E. Java; localities indicated; monograph.
- Oberonia** LINDL.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 243.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Paphiopedilum** PFTZ.—F. Mackawa, J. Fac. Sci. Univ. Tokyo III, 9 (1965) 186.
Complete; Indo-Malesia, NE. Australia; delineated and hatched; occasional.
- Peristylus** BL.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 236.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Pholidota** LINDL.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 246.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Platanthera** RICH.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 232.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- P. gigantea** (J. E. SM.) VUIJK (basionym *Orchis gigantea* J. E. SM.)—J. Vuijk, Orchideën 27 (1965) 80.
Complete; Penins. India and SW. Himalaya; delineated; partial revision.
- P. susanne** (L.) LINDL. (basionym *Orchis susanne* L.)—J. Vuijk, Orchideën 27 (1965) 80.
Complete (continental SE. Asia, Java, S. Celebes, Lesser Sunda Is, Moluccas;) delineated; partial revision.
- Pogonia** Juss.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 241.
Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Ponthieva maculata** LINDL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 912.
Partial; Galapagos Is; localities indicated; partial revision.

- Prescottia oligantha** (Sw.) LINDL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 919.
 Partial; Galapagos Is; locality indicated; partial revision.
- Pterostylis R. Br.**—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 185.
 Complete; Australia, New Zealand, New Caledonia, E. Malesia; shaded and localities indicated; literature.
- Saccolabium** BL.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 253.
 Partial; India, Indo-China, China (incl. Taiwan); delineated and localities indicated; occasional.
- Sarcanthus** LINDL.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 254.
 Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Tainia** BL.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 245.
 Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Thrixspermum** LOUR.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 252.
 Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Tropidia** LINDL.—L. A. Garay, Proc. 4th World Orch. Conf. (1963) Sing. (1964) 184.
 Complete; New & Old World, incl. Indo-Malesia, W. Pacific; delineated; monograph.
- T. curculigoides** LINDL.—R. S. Rao & K. K. Ahuja, Bull. Bot. Surv. India 10 (1969) 365.
 Partial; India; delineated and localities indicated; partial revision.
- T. polystachya** (Sw.) AMES—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 919.
 Partial; Galapagos Is; localities indicated; partial revision.
- Vanda R. Br.**—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 254.
 Partial; China (incl. Taiwan); delineated and localities indicated; occasional.
- Yoania** MAXIM.—L. A. Garay, Proc. 4th World Orch. Conf. (1963) Sing. (1964) 181.
 ± Complete (also New Zealand); Old World, Asia (? Himalayas) and islands E. of the mainland; localities indicated; monograph.
- Zeuxine** LINDL.—Sh.-Y. Hu, Quart. J. Taiwan Mus. 24 (1971) 243.
 Partial; China (incl. Taiwan); delineated and localities indicated; occasional.

OROBANCHACEAE

- Aeginetia indica** ROXB.—R. Rao & G. Panigrahi, J. Ind. Bot. Soc. 40 (1961) 282.
 Partial; E. India; localities indicated; occasional.
- Orobanche boninsimiae** (MAXIM.) TUYAMA—Y. Horikawa, Atlas Jap. Flora (1972) map 346.
 Complete; Bonin; localities indicated; literature + herb.

OXALIDACEAE

Biophytum adiantoides WIGHT ex EDGW. & HOOK.—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 165.

Complete; SE. Asia and Mal. Pen.; localities indicated; partial revision.

B. fruticosum BL. var. **fruticosum**—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 165.

Complete; India, China, Indo-China, Philippines, Celebes, Lesser Sunda Is; localities indicated; partial revision.

var. **papuanum** VELDK.—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 165.

Complete; SE. New Guinea; localities indicated; partial revision.

B. microphyllum VELDK.—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 165.

Complete; Philippines (Mindoro), Celebes, Flores; localities indicated; partial revision.

Dapania grandifolia VELDK.—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 167.

Complete; Borneo; localities indicated; partial revision.

D. racemosa KORTH.—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 167.

Complete; Sumatra, Malaya, Borneo; localities indicated; partial revision.

Oxalis L. sect. **Acetosellae** (REICHE) KNUTH—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 157.

Complete; New & Old World; delineated; partial revision.

sect. **Corniculatae** (REICHE) KNUTH—G. Eiten, Am. Midland Nat. 69 (1963) 269.

Partial; Old & New World; migration lines; partial revision.

Oxalis acetosella L. ssp. **acetosella**—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 157.

Complete; Old World, from Europe and Asia Minor to E. Asia; delineated; partial revision.

ssp. **griffithii** HARA—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 157.

Complete; Old World; from India to E. Asia and N. Luzon; delineated; partial revision.

ssp. **montana** HULTÉN—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 157.

Complete; E. North America; delineated; partial revision.

O. cornellii ANDERS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 710.

Complete; Galapagos Is; localities indicated; partial revision.

O. corniculata L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 716.

Partial; Galapagos Is; localities indicated; partial revision.

O. corymbosa DC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 716.

Partial; Galapagos Is; locality indicated; partial revision.

O. magellanica FORST.—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 157.

Complete; New Guinea, S. Australia & Tasmania, New Zealand, S. America; delineated; partial revision.

O. megalorrhiza JACQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 716.

Partial; Galapagos Is; localities indicated; partial revision.

- O. obtriangulata** MAXIM.—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 157.
Complete; E. Asia, Japan; delineated; partial revision.
- O. oregana** NUTT.—J. F. Veldkamp, Fl. Mal. I, 7 (1971) 157.
Complete; W. coast N. America; delineated and localities indicated; partial revision.

PAEONIACEAE see Ranunculaceae

PALMAE

- Palmae**—P. Greguss, Tertiary Palaeobot. Angiosperm Woods in Hungary (1969) 23.
Complete; New & Old World; delineated, hatched, shaded and fossil localities indicated; species density (approx.); after Kaul.
- H. Walter/H. Straka, Arealkunde, Einführung i. d. Phytologie III/2, Stuttgart (1970) 34.
Complete; New & Old World; delineated and shaded (also fossil); occasional; after Emberger & Jolieaud, emend.
- R. Schnell, Introd. Phylogéogr. Pays trop. I (1970) 94.
Complete; New & Old World; shaded; occasional; after Good.
- H. E. Moore, Gentes Herb. II (1973) 110.
Complete; Old & New World; shaded; partial revision.
- Arecoid Palms**—H. E. Moore, Gentes Herb. II (1973) 115.
Complete; Old & New World, incl. Malesia and Pacific; shaded; partial revision.
- Borassoid Palms**—H. E. Moore, Gentes Herb. II (1973) 113.
Complete; Old World, incl. Malesia; shaded; partial revision.
- Caryotoid Palms**—H. E. Moore, Gentes Herb. II (1973) 113.
Complete; Indo-Australia; shaded; partial revision.
- Ceroxyloid Palms**—H. E. Moore, Gentes Herb. II (1973) 114.
Complete; Madagascar, S. America, Juan Fernandez; shaded; partial revision.
- Cocosoid Palms**—H. E. Moore, Gentes Herb. II (1973) 115.
Complete; Old & New World, incl. Malesia, Pacific; shaded and fossil localities indicated; partial revision.
- Coryphoid Palms**—H. E. Moore, Gentes Herb. II (1973) 112.
Complete; Old & New World, incl. Malesia and Pacific; shaded; partial revision.
- Lepidocaryoid Palms**—H. E. Moore, Gentes Herb. II (1973) 113.
Complete; Old & New World, incl. Malesia and Pacific; shaded; partial revision.
- Archanthophoenix alliance**—H. E. Moore, Gentes Herb. II (1973) 120.
Complete; Queensland, SW. Pacific (New Caledonia, New Zealand, adjacent islands); shaded; partial revision.
- Areca alliance**—H. E. Moore, Gentes Herb. II (1973) 121.
Complete; Indo-Malesia incl. Bismarck Arch. and Solomons; shaded; partial revision.

- Clinostigma** alliance—H. E. Moore, Gentes Herb. 11 (1973) 121.
 Complete; Mascarenes, SE. Asia, Malesia, Pacific; shaded; partial revision.
- Corypha** alliance—H. E. Moore, Gentes Herb. 11 (1973) 117.
 Complete; Indo-Australia; shaded; partial revision.
- Linospadix** alliance—H. E. Moore, Gentes Herb. 11 (1973) 120.
 Complete; E. Malesia, E. Australia, Lord Howe; shaded; partial revision.
- Livistona** alliance—H. E. Moore, Gentes Herb. 11 (1973) 117.
 Complete; Old & New World, incl. Malesia and Pacific; shaded; partial revision.
- Oncosperma** alliance—H. E. Moore, Gentes Herb. 11 (1973) 121.
 Complete; Mascarenes, Ceylon, W. Malesia; shaded; partial revision.
- Ptychosperma** alliance—H. E. Moore, Gentes Herb. 11 (1973) 120.
 Complete; E. Malesia, N. Australia, Pacific, E. to Samoa; shaded; partial revision.
- Trithrinax** alliance—H. E. Moore, Gentes Herb. 11 (1973) 117.
 Complete; Old & New World, incl. W. Malesia; shaded; species density; partial revision.
- Arenga pinnata** (WURMB) MERR. (*A. saccharifera* LABILL.)—R. H. Miller, Principes 8 (1964) 116.
 Complete; Old World, Indo-Malesia, Deccan to New Guinea, Pacific (Guam); delineated; occasional.
- Borassodendron** BECC.—E. J. H. Corner, The Nat. Hist. of Palms (1966) 237.
 Complete; Mal. Pen. (Perak); delineated; limited monograph; literature.
- B. machadonis** (RIDL.) BECC.—T. C. Whitmore, Palms of Malaya (1973) 40.
 Partial; Malaya; localities indicated; partial revision.
- Borassus** L.—E. J. H. Corner, The Nat. Hist. of Palms (1966) 237.
 Partial; Old World, Africa, Indo-Malesia (Java to New Guinea, not wholly depicted); delineated; limited monograph; literature.
- H. E. Moore, Gentes Herb. 11 (1973) 111.
 Complete; Old World, incl. Malesia; shaded; partial revision.
- Calamus** L.—H. E. Moore, Gentes Herb. 11 (1973) 111.
 Complete; Old World, Africa, Indo-Australia; shaded; partial revision.
- T. C. Whitmore, Palms of Malaya (1973) 99.
 Partial; S. Asia, Malesia; delineated; partial revision.
- Calospatha** BECC.—T. C. Whitmore, Palms of Malaya (1973) 99.
 Complete; Malaya; shaded; partial revision.
- Caryota** L. (palmborder in part of tropics)—T. S. Mahabale & N. Shirke, J. Bombay Nat. Hist. Soc. 64 (1967) map facing p. 484
 Complete; SE. continental Asia and Malesia, N. Territory; 14 spp. indicated; delineated; localities indicated; partial revision.
- C. obtusa** GRIFF. var. *aequatorialis* BECC.—T. C. Whitmore, Palms of Malaya (1973) 46.
 Complete; Malaya; shaded; partial revision.

- Ceratolobus** BL.—T. C. Whitmore, *Palms of Malaya* (1973) 99.
Complete; W. Malesia; delineated; partial revision.
- Clinostigma** WENDL.—T. Tuyama & Sh. Asami, *The Nature of the Bonin Islands* 1 (1970) 126.
Complete; Pacific, as far east as Samoa; delineated and localities indicated; occasional.
- A. Graham (ed.), *Florist. & Palaeoflorist. Asia & E. North Amer.* (1972) 80.
Complete; Pacific, from Bonin Is., as far east as Samoa; delineated; after Tuyama.
- Cornera** FURTADO—T. C. Whitmore, *Palms of Malaya* (1973) 99.
Complete; Malaya, Borneo; delineated; partial revision.
- Corypha elata** ROXB.—T. C. Whitmore, *Palms of Malaya* (1973) 51.
Partial; Malaya; shaded; partial revision.
- Cyrtostachys** BL.—H. E. Moore, *Gentes Herb.* 11 (1973) 120.
Complete; Malesia, incl. Bismarck Arch. and Solomons; shaded; partial revision.
- Daemonorops** BL. ex SCHULT. f.—T. C. Whitmore, *Palms of Malaya* (1973) 99.
Complete; SE. Asia, Malesia; delineated; partial revision.
- Gulubia** BECC.—S. Hatusima, *Mem. Fac. Agric. Kagoshima Univ.* 5 (1964) 41.
Complete; Ryu Kyu Is., E. Malesia (Moluccas, Aru Is., NE. New Guinea), N. Australia, Melanesia (Solomons, New Hebrides); delineated; localities indicated; partial revision.
- Johannesteysmannia** MOORE—J. Dransfield, *Gard. Bull. Sing.* 26 (1972) 67.
Partial; Mal. Pen.; localities indicated; monograph. See also *Teysmannia*.
- Korthalsia** BL.—T. C. Whitmore, *Palms of Malaya* (1973) 99.
Complete; SE. Asia, Malesia; delineated; partial revision.
- Liberbaileya gracilis** (RIDL.) FURTADO—T. C. Whitmore, *Principes* 14 (1970) 97.
Complete; Malaya (Langkawi Is., local endemic); localities indicated; occasional.
- Livistona** R. BR.—E. J. H. Corner, *The Nat. Hist. of Palms* (1966) 234.
Complete; Indo-Malaya; Australia; delineated; limited monograph; literature.
- Myrialepis** BECC. ex. HOOK. f.—T. C. Whitmore, *Palms of Malaya* (1973) 99.
Complete; Malaya; delineated; partial revision.
- Nypa** WURMB (sub *Nipa* THUNB.)—M. Lehner, *Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen...* (Inaug. Diss. München 1944, Typescript) map 48.
Complete; Indo-Malesia (E. Malesia incl.); N. Australia; delineated; after Vester.
- H. Tralau, *The genus Nypa von Wurmb* (Kungl. Sv. Vet. Ak. Handl. IV, 10 (1964) 18.
Partial; Old World, SE. Asia, incl. Indo-Malesia; delineated and fossil localities; occasional.
- R. Good, *Geogr. Fl. Pl. ed. 3* (1964) 319 (sub *Nipa*).
Complete; from India and SE. Asia to Malesia, Melanesia and N. Australia; delineated and fossil localities indicated; occasional; after Berry.

L. Croizat, *Adansonia* 6 (1966) 69 (sub *Nipa*).

Complete; living Ceylon, SE. Asia, throughout Malesia to Solomons and trop. Australia; shaded; fossil localities indicated; occasional.

L. Croizat, *Atti Ist. Bot. Univ. Pavia* VI, 4 (1968) 169; *Proc. Symp. Recent Adv. Trop. Ecol.* 2 (1968) 582 (sub *Nipa*).

Complete; from Ceylon through Malesia to the Solomons and N. Australia; delineated and fossil localities indicated; occasional; after Tolmachev.

R. Schnell, *Introd. Phytogéogr. Pays trop.* 1 (1970) 93.

Complete; India through SE. Asia and Malesia, N. Australia; delineated and fossil localities indicated; occasional; after Good and Dolianiti.

H. E. Moore, *Gentes Herb.* 11 (1973) 113.

Complete; present range (Indo-Australia) and fossil occurrence (Old & New World); shaded; localities indicated; after Tralau.

N. fruticans WURMB—**Y. Horikawa**, *Atlas Jap. Flora* (1972) map 422.

Partial; Ryu Kyu; locality indicated; literature + herb.

Orania ZIPPEL.—**H. E. Moore**, *Gentes Herb.* 11 (1973) 118.

Complete; Malesia (not Celebes, Moluccas, Lesser Sunda Is), Queensland; shaded; partial revision.

Phoenix L.—**H. E. Moore**, *Gentes Herb.* 11 (1973) 111+112.

Complete; Old World, incl. W. Malesia and fossil localities; shaded; partial revision.

E. J. H. Corner, *The Nat. Hist. of Palms* (1966) 236.

Complete; Old World, from Africa to E. Asia, also incl. Mal. Pen. and some islands in the north of the Philippines; delineated; limited monograph; literature.

Z. Bakowski, *Prace Museum Ziemi no.* 10 (1968) 182, 196.

Complete (major centres); Old World, also incl. S. & SE. Asia (Sumatra, Borneo), Penins. Thailand and N. Malaya; New Guinea, fossil!; delineated, also fossil occurrence; occasional.

Phoenix L. (3 spp.)—**H. Meusel**, in Gersch, *Vortr. mod. Probl. Abst. Lehre* (1965) 120.

Partial (no species of the Malesian region); delineated; occasional.

Ph. paludosa ROXB.—**T. C. Whitmore**, *Palms of Malaya* (1973) 87.

Partial; Malaya; shaded and localities indicated; partial revision.

Plectocomia MART. & BL.—**T. C. Whitmore**, *Palms of Malaya* (1973) 99.

Complete; SE. Asia, W. Malesia; delineated; partial revision.

Plectocomiopsis BECC.—**T. C. Whitmore**, *Palms of Malaya* (1973) 99.

Complete; SE. Asia, W. Malesia; delineated; partial revision.

Pritchardia SEEM. & WENDL.—**E. J. H. Corner**, *The Nat. Hist. of Palms* (1966) 234.

Complete; Pacific (Fiji, Hawaii Is, Toamotu Is in text only); delineated; limited monograph; literature.

Ptychoraphis singaporenensis (BECC.) BECC.—**T. C. Whitmore**, *Palms of Malaya* (1973) 97.

Complete; Malaya; shaded and localities indicated; partial revision.

- Rhopalostylis sapida** WENDL. & DRUDE—P. Wardle, New Zeal. J. Bot. 2 (1964) 356.
Partial; New Zealand (S.I.); delineated; southern limit; literature.
- Schizospatha** FURTADO—T. C. Whitmore, Palms of Malaya (1973) 99.
Complete; New Guinea; delineated; partial revision.
- Teysmannia** REICHB. f. & ZOLL. (*Johannesteysmannia* H. E. MOORE)—T. C. Whitmore,
Palms of Malaya (1973) 109.
Partial; Malaya; shaded; partial revision.
- Trachycarpus** WENDL.—E. J. H. Corner, The Nat. Hist. of Palms (1966) 234.
Complete; Sino-Himalayan, also incl. Taiwan and Japan; delineated; limited monograph; literature.

PANDANACEAE

- Pandanaceae**—L. Croizat, Mem. Soc. Broter. 20 (1968) 268.
Complete; Old World tropics from Africa to W. Pacific; delineated; occasional; after Tolmachev 1962, n.v.
- Freycinetia** GAUD.—L. Croizat, Mem. Soc. Broter. 20 (1968) 268.
Complete; from S. India to Centr. Pacific; delineated; occasional; after Tolmachev a.o.
- B. C. Stone, Blumea 16 (1968) 362.
Complete; Ceylon, Indo-Malesia; N. Australia, Pacific (incl. New Zealand), E. to Hawaii and Marquesas, omits Rapa; delineated; species density; precursor to monograph.
- F. formossana** HEMSL.—Y. Horikawa, Atlas Jap. Flora (1972) map 401.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- F. williamsii** MERR.—Y. Horikawa, Atlas Jap. Flora (1972) map 402.
Partial; Ryu Kyu; locality indicated; literature + herb.
- Pandanus** L.—H. St. John, Adansonia 5 (1965) 308.
Complete; Old World, also incl. Indo-Malesia, NE. Australia, Melanesia; localities indicated; monograph.
- H. St. John, Adansonia 5 (1965) 308.
Partial; Old World, Pacific (Micronesia, Melanesia, Polynesia, Hawaii Is); localities indicated; monograph.
- P. boninensis** WARB.—Y. Horikawa, Atlas Jap. Flora (1972) map 403.
Complete; Bonin; localities indicated; literature + herb.
- P. cominsii** HEMSL.—T. C. Whitmore, Philos. Trans. R. Soc. Lond. ser. B, 255 (1969)
553.
Complete; Micronesia, Melanesia; delineated; occasional.
- P. tectorius** PARK.—Y. Horikawa, Atlas Jap. Flora (1972) map 404.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.

PAPAVERACEAE

Arctomecon TORR. see sub *Meconopsis*.

Argemone mexicana L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 716.
Partial; Galapagos Is; locality indicated; partial revision.

Meconopsis VIG. & **Arctomecon** TORR.—G. L. Stebbins, Proc. 6th Pac. Sci. Congr. 3 (1940) 656.

Complete; New & Old World, Sino-Himalayan, SW. N. America; delineated and shaded; species density; occasional.

PAPILIONACEAE see Leguminosae

PASSIFLORACEAE

Adenia FORSK.—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 45.

Complete (5 sect.); Africa (mostly) to W. Pacific; delineated; monograph.

W. J. J. O. de Wilde, Pac. Pl. Ar. 3 (1975) map 240.

Complete; Old World, Africa to Malesia, Solomons, Australia; delineated; species density; monograph.

Adenia FORSK. sect. **Erythrocarpus** (ROEM.) DE WILDE—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 45.

Complete; SE. Asia, Malesia, Melanesia, N. Australia; delineated; monograph.

sect. **Microblepharis** (W. & A.) ENGL.—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 45.

Complete; from Africa through India and Ceylon to W. Malesia; delineated; monograph.

A. cordifolia (BL.) ENGL.—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 210.

Complete; Sumatra, Malaya, W. Java, Anambas and Natuna Is, Borneo, Palawan; localities indicated; monograph.

W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 430.

Complete; W. Malesia (incl. Borneo and Palawan); localities indicated; partial revision.

A. crassa MERR.—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 210.

Complete; S. Philippines; localities indicated; monograph.

W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 430.

Complete; S. Philippines; localities indicated; partial revision.

- A. heterophylla** (BL.) KOORD. ssp. **australis** (R. BR. ex DC.) DE WILDE—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 217.
 Complete; Java and Madura, Lesser Sunda Is, Tanimbar Is, Thursday I., N. Australia; localities indicated; monograph.
- W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 425.
 Complete; from E. Java to Lesser Sunda Is (incl. Tanimbar) and N. Australia; localities indicated; partial revision.
- ssp. **heterophylla** var. **celebica** (KOORD.) DE WILDE—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 217.
 Complete; Sabah, N. Celebes, Ceram (Moluccas); localities indicated; monograph.
- W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 425.
 Complete; N. Borneo, N. Celebes, Ceram; localities indicated; partial revision.
- ssp. **heterophylla** var. **heterophylla**—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 217.
 Complete; E. Asia, ? Sumatra, Java, Lesser Sunda Is, Philippines, and E. Malesia (incl. Bismarck Arch.), NE. Australia, Solomons; localities indicated; monograph.
- W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 425.
 Complete; SE. Asia through Malesia to N. Australia and the Solomons; localities indicated; partial revision.
- A. kinabaluensis** DE WILDE—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 217.
 Complete; N. Borneo (Sabah); localities indicated; monograph.
- W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 425.
 Complete; N. Borneo; localities indicated; partial revision.
- A. macrophylla** (BL.) KOORD. var. **macrophylla**—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 210.
 Complete; Sumatra, Malaya, Java, Borneo; localities indicated; monograph.
- W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 428.
 Complete; W. Malesia (not E. of Borneo); localities indicated; partial revision.
- var. **singaporeana** (WALL. ex G. DON) DE WILDE—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 210.
 Complete; S. Malaya, Singapore; localities indicated; monograph.
- W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 428.
 Complete; S. Mal. Pen., Singapore; localities indicated; partial revision.
- var. **smilacina** (HALL. f.) DE WILDE—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 210.
 Complete; Sarawak and Sabah (both Borneo); localities indicated; monograph.
- W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 428.
 Complete; Sarawak and NE. Borneo; localities indicated; partial revision.

A. penangiana (WALL. ex G. DON) DE WILDE var. **parvifolia** (PIERRE ex GAGNEP.) DE WILDE—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen 71—18 (1971) 91.

Complete; Penins. Thailand, N. Malaya and Langkawi Is; localities indicated; monograph.

W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 423.

Complete; Penins. Siam, N. Malaya; localities indicated; partial revision.

var. **penangiana**—W. J. J. O. de Wilde, Meded. Landb. Hogeschool Wageningen, 71—18 (1971) 91.

Complete; Nicobar Is, Penins. Thailand, Malaya, Sumatra; localities indicated; monograph.

W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 423.

Complete; Nicobar Is, Penins. Thailand, Sumatra, Malaya; localities indicated; partial revision.

Hollrungia K. SCH.—W. J. J. O. de Wilde, Pac. Pl. Ar. 3 (1975) map 241.

Complete; E. Malesia to Solomons; delineated; partial revision.

H. aurantioides K. SCH.—W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 434.

Complete; Moluccas (Ternate) through New Guinea to the Bismarck Arch. and Solomons; localities indicated; partial revision.

Paropsia NORONHA—H. Sleumer, Bull. Jard. Bot. Brux. 40 (1970) 53.

Complete; Africa, Madagascar, Mal. Pen., Sumatra; delineated; monograph.

P. vareciformis (GRIFF.) MASTERS—H. Sleumer, Bull. Jard. Bot. Brux. 40 (1970) 68.

Complete; Sumatra, Mal. Pen.; delineated; monograph.

Passiflora L.—G. CUSSET, Boissiera 16 (1970) 33.

Complete; mostly tropics of the Americas, Madagascar, S. Asia, Malesia, Australia; delineated; \pm species density; occasional.

W. J. J. O. de Wilde, Pac. Pl. Ar. 3 (1975) map 243.

Complete; Old & New World (not Africa), also incl. Malesia and Pacific (E. to Samoa); delineated; species density; literature + herb.

Passiflora spp. with truncate or lobed leaves (9 in all) of group I—W. J. J. O. de Wilde, Blumea 20 (1972) 236.

Complete; S. India, SE. Asia, Sumatra; localities indicated; partial revision.

Passiflora spp. with entire, non-truncate leaves of group I (7, with 3 var.) —W. J. J. O. de Wilde, Blumea 20 (1972) 240.

Complete; India and SE. Asia through Malesia; localities indicated; partial revision.

P. aurantia FORST. f.—P. S. Green, Kew Bull. 26 (1972) 547.

Complete; NE. & E. Australia, Pacific to Samoa, Tonga & Niue; localities indicated; partial revision.

P. aurantia var. **aurantia**—W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 416; Blumea 20 (1972) 245.

Complete; E. New Guinea, Australia, Norfolk I., SW. Pacific; localities indicated; partial revision.

- var. pubescens** F. M. BAIL.—W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 416; Blumea 20 (1972) 245.
Complete; Australia (Queensland); localities indicated; partial revision.
- var. samoensis** (EXELL) DE WILDE—W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 416; Blumea 20 (1972) 245.
Complete; Samoa; localities indicated; partial revision.
- P. colinvauxii** WIGGINS—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 716.
Complete; Galapagos Is; locality indicated; partial revision.
- P. foetida** var. **galapagensis** KILLIP—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 722.
Complete; Galapagos Is; localities indicated; partial revision.
- P. hollrungii** K. SCH.—W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 413; Blumea 20 (1972) 245.
Complete; E. New Guinea; localities indicated; partial revision.
- P. moluccana** REINW. ex BL. var. **moluccana**—W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 413; Blumea 20 (1972) 240.
Complete; Timor, S. Moluccas; localities indicated; partial revision.
- var. teysmanniana** (MIQ.) DE WILDE—W. J. J. O. de Wilde, Blumea 20 (1972) 240.
Complete; China, Vietnam, Luzon, S. Malesia; localities indicated; partial revision.
- W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 413.
Partial; S. Malesia, N. Luzon; localities indicated; partial revision.
- P. perakensis** HALL. f.—W. J. J. O. de Wilde, Blumea 20 (1972) 240.
Complete; Penins. Thailand, Malaya, Sumatra, Borneo; localities indicated; partial revision.
- W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 413.
Partial; Sumatra, Malaya, N. Borneo; localities indicated; partial revision.
- P. suberosa** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 722.
Partial; Galapagos Is; localities indicated; partial revision.
- P. sumatrana** BL.—W. J. J. O. de Wilde, Blumea 20 (1972) 236.
Complete; Vietnam, Sumatra; localities indicated; partial revision.
- W. J. J. O. de Wilde, Fl. Mal. I, 7 (1972) 413.
Partial; Sumatra; localities indicated; partial revision.
- Tetrapathaea** (DC.) REICHB.—W. J. J. O. de Wilde, Pac. Pl. Ar. 3 (1975) map 242.
Complete; New Zealand; delineated; literature.

PHILESIACEAE see Liliaceae

PHILYDRACEAE

- Philydraceae**—A. Hamann, Willdenowia Beih. 4 (1966) 134—135.
Complete; SE. & E. Asia, incl. Malaya, New Guinea, Australia; delineated; localities indicated; monograph.

Helmholtzia novoguineensis (KRAUSE) SKOTTSB.—A. Hamann, Willdenowia Beih. 4 (1966) 135.

Complete; Moluccas, New Guinea; delineated; localities indicated; monograph.

Philydrum lanuginosum BANKS & SOL. ex GAERTN.—A. Hamann, Willdenowia Beih. 4 (1966) 134.

Complete; SE. & E. Asia, Malaya, S. New Guinea; Australia, Guam; delineated; monograph.

Y. Horikawa, Atlas Jap. Flora (1972) map 427.

Partial; S. Japan to Taiwan; localities indicated; literature + herb.

PHYTOLACCACEAE

Phytolacca octandra L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 228.

Partial; Galapagos Is; localities indicated; partial revision.

Rivina humilis L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 228.

Partial; Galapagos Is; localities indicated; partial revision.

PINACEAE see Coniferae

PIPERACEAE

Peperomia galapagensis HOOK. f. var. **galapagensis**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 228.

Complete; Galapagos Is; localities indicated; partial revision.

var. **ramulosa** (ANDERS.) YUNCKER—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 235.

Complete; Galapagos Is; localities indicated; partial revision.

P. galoides HBK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 235.

Complete; Galapagos Is; localities indicated; partial revision.

P. obtusilimba C. DC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 235.

Complete; Galapagos Is; localities indicated; partial revision.

P. petiolata HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 235.

Complete; Galapagos Is; localities indicated; partial revision.

PIROLACEAE see Ericaceae

PITTOSPORACEAE

Citriobatus papuanus SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 8.

Complete; E. New Guinea; locality indicated; partial revision.

Hymenosporum flavum (HOOK.) F. v. M.—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 8.

Partial; E. New Guinea; localities indicated; partial revision.

- R. D. Hoogland, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 152.
Complete; E. Australia, New Guinea; localities indicated; literature + herb.
- Pittosporum BANKS ex GAERTN.**—M. M. J. v. Balgooy, Blumea Suppl. 6 (1971) 64.
Complete; Old World, Africa, Asia, Australia, incl. Malesia and Pacific to Hawaii and SE. Polynesia; delineated; after Cufodontis 1960 and Pac. Pl. Ar.
- R. F. Thorne, Trop. For. Ecosyst. in Afr. & S. Amer. (1973) 40.
Complete; Africa, Asia, Malesia, Australia and Pacific; delineated and shaded; after Pac. Pl. Ar.
- P. berberidoides** BURK.—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 22.
Complete; E. New Guinea; localities indicated; partial revision.
- P. cravenium** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 24.
Complete; Solomons (Bougainville); localities indicated; partial revision.
- P. eugeniooides** A. CUNN.—P. Wardle, New Zeal. J. Bot. 2 (1964) 356.
Partial; New Zealand (S.I.); delineated, southern limit; literature.
- P. ferrugineum** ART. ssp. **ferrugineum**—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 44.
Partial; New Guinea, Bismarck Arch., Solomons; localities indicated; partial revision.
- ssp. **laxiflorum** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 44.
Complete; New Guinea; localities indicated; partial revision.
- P. inopinatum** BAKKER—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 22.
Complete; E. New Guinea; localities indicated; partial revision.
- P. nubicola** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 36.
Complete; E. New Guinea; localities indicated; partial revision.
- P. praedictum** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 24.
Complete; E. New Guinea; localities indicated; partial revision.
- P. pullifolium** BURK, var. (in text ssp.) **ledermannii** (E. PRITZEL) SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 36.
Complete; New Guinea; localities indicated; partial revision.
- var. **macrocarpum** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 36.
Complete; E. New Guinea; localities indicated; partial revision.
- var. **pullifolium**—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 36.
Complete; New Guinea; localities indicated; partial revision.
- var. **purpurascens** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 36.
Complete; E. New Guinea; localities indicated; partial revision.
- P. pumilum** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 22.
Complete; E. New Guinea; localities indicated; partial revision.
- P. ramiflorum** (ZOLL. & MOR.) MIQ. var. **carnosum** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 24.
Complete; E. New Guinea; localities indicated; partial revision.

- var. *parviflorum*** K. SCH.—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 24.
Complete; E. New Guinea; localities indicated; partial revision.
- var. *patelliplacenta*** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 24.
Complete; W. New Guinea; localities indicated; partial revision.
- var. *praegnans*** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 24.
Complete; New Guinea; localities indicated; partial revision.
- var. *ramiflorum***—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 24.
Partial; New Guinea, Solomons; localities indicated; partial revision.
- P. *sinuatum*** BL.—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 8.
Partial; New Guinea; localities indicated; partial revision.
- P. *suatinum*** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 8.
Complete; Solomons; localities indicated; partial revision.
- P. *tenuivalve*** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 8.
Complete; E. New Guinea; localities indicated; partial revision.
- P. *xenicum*** SCHODDE—R. Schodde, Austr. J. Bot. Suppl. ser. n. 3 (1972) 22.
Complete; Solomons; localities indicated; partial revision.

PLANTAGINACEAE

- Plantago major** L.—E. Hultén, Flora of Alaska (1968) 835.
Partial; N. hemisphere; on the map mentioned as introd. into New Zealand, Australia, S. America, etc.; delineated and Alaskan localities indicated; occasional.
- I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 416.
Partial; Galapagos Is (introd.); localities indicated; partial revision.
- P. *paralias*** DECNE var. *pumila* (HOOK. f.) WIGGINS—I. L. Wiggins & D. M. Porter,
Flora Galapagos Is (1971) 416.
Complete; Galapagos Is; localities indicated; partial revision.

PLATANACEAE

- Platanus** L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen...
(Inaug. Diss. München 1944, Typescript) map 14.
Complete; New & Old World, also incl. W. coast N. America; delineated; occasional; after Fernald and others.

PLUMBAGINACEAE

- Aegialitis** R. Br.—J. Muller, Trans. 2nd Aberdeen-Hull Symp. (ed. Ashton), Univ. Hull,
Misc. ser. 13 (1972) f. 4.
Complete; coasts Bengal, Burma, Andamans, Nicobars, E. Malesia, N. Australia;
localities (also fossil) indicated; occasional.

Limonium wrightii (HANCE) O. K.—Y. Horikawa, Atlas Jap. Flora (1972) map 308.
Partial; Ryu Kyu, Bonin; localities indicated; literature + herb.

Plumbago coerulea HBK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 416.

Partial; Galapagos Is; localities indicated; partial revision.

P. scandens L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 416.
Partial; Galapagos Is; localities indicated; partial revision.

PODOCARPACEAE see Coniferae

PODOPHYLLACEAE see Berberidaceae

PODOSTEMONACEAE

Podostemonaceae—T. Tuyama & H. Hara, J. Jap. Bot. 39 (1964) 188.

Partial; N. localities in Asia, also incl. Japan; localities indicated; partial revision.

Podostemonaceae (partly under Tristichaceae) 4 gen.—K. Subramanyam & C. T. Sreemadhavan, Bull. Bot. Surv. India 11 (1969) 166.

Incomplete; America, Africa, Madagascar, Deccan Peninsula, Ceylon; localities indicated; partial revision.

Podostem(on)aceae—R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1972) 368.

± Complete; New & Old World; Malaya, more of N. Australia, S. Japan ought to have been included; delineated; occasional.

POLYGALACEAE

Polygala anderssonii ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 722.

Complete; Galapagos Is; localities indicated; partial revision.

P. cardiocarpa KURZ—F. Adema, Blumea 14 (1966) 257.

Partial; Malaya; Langkawi Is; localities indicated; partial revision.

P. exsquarrosa ADEMA—F. Adema, Blumea 14 (1966) 269.

Partial; Aru Is; localities indicated; partial revision.

P. galapageia HOOK. f. (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 722, 728.

Complete; Galapagos Is; localities indicated; partial revision.

P. japonica HOUTT.—F. Adema, Blumea 14 (1966) 269.

Partial; Philippines, New Guinea; localities indicated; partial revision.

Y. Horikawa, Atlas Jap. Flora (1972) map 155.

Partial; Japan, Ryu Kyu, E. Asia; localities indicated; literature + herb.

P. javana DC.—F. Adema, Blumea 14 (1966) 260.

Partial; Malesia: Java, Madura, Lesser Sunda Is, Kangean; delineated; partial revision.

P. malesiana ADEMA—F. Adema, Blumea 14 (1966) 257.

Complete; Malesia: Mal. Pen., Lesser Sunda Is, Philippines, Moluccas, Aru Is, W. New Guinea; localities indicated; partial revision.

P. persicariaefolia DC.—F. Adema, Blumea 14 (1966) 265.

Partial; Malesia: Sumatra, E. Java, Lesser Sunda Is, Luzon, New Guinea; localities indicated; partial revision.

P. sancti-georgii RILEY (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 728.

Complete; Galapagos Is; localities indicated; partial revision.

P. tatarinowii REGEL—F. Adema, Blumea 14 (1966) 257.

Partial; Philippines; localities indicated; partial revision.

P. wightiana W.B.A.—F. Adema, Blumea 14 (1966) 269.

Partial; Lesser Sunda Is: Flores; locality indicated; partial revision.

POLYGONACEAE

Polygonum acuminatum HBK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 237.

Partial; Galapagos Is; localities indicated; partial revision.

P. chinense L.—Y. Horikawa, Atlas Jap. Flora (1972) map 65.

Partial; S. Japan to Taiwan; localities indicated; literature + herb.

P. galapagense CARUEL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 237.

Complete; Galapagos Is; localities indicated; partial revision.

P. hydropiper L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 131b.

Complete; Old World, also incl. SE. Asia, W. Malesia; delineated and shaded; occasional.

E. Hultén, Flora of Alaska (1968) 389.

Partial; N. hemisphere; on the map mentioned as introd. into Malesia, Australia, Hawaii; delineated and localities in Alaska indicated; occasional.

E. Hultén, The Circumpolar Plants II (Kungl. Sv. Vet. Ak. Handl. IV, 13, n. 1, 1971) 216.

Partial; holarctic region, other localities mentioned in text and on map; delineated and localities indicated; literature.

P. hydropiperoides MICHX. var. **persicarioides** (HBK.) STANF.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 237.

Partial; Galapagos Is; localities indicated; partial revision.

P. lapathifolium L. s.l. and spp.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 131a.

Complete; Old & New World, also incl. E. Asia, Indo-Malesia (not in New Guinea), N. & E. Australia, Tasmania, Macquarie I., ? S. America; delineated and shaded; occasional.

P. lapathifolium L. s.l.—E. Hultén, The Circumpolar Plants II (Kungl. Sv. Vet. Akad. Handl. IV, 13, n. 1, 1971) 244, 390.

Partial; holarctic region, other localities mentioned in the text and on the map; delineated and localities indicated; literature.

P. opelousanum RIDDEL ex SMALL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 237.

Partial; Galapagos Is; localities indicated; partial revision.

P. persicaria L.—E. Hultén, Flora of Alaska (1968) 388.

Partial; N. hemisphere; on the map mentioned as introd. into E. Indies, S. America, etc.; delineated and localities Alaska indicated; occasional.

P. punctatum ELL.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 237.

Partial; Galapagos Is; localities indicated; partial revision.

Rumex acetosella L.—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map 6.

Partial; S. hemisphere, also incl. Tasmania and S. America; localities indicated; occasional.

PORTULACACEAE

Calandrinia galapagosa ST. JOHN—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 728.

Complete; Galapagos Is; localities indicated; partial revision.

Montia fontana L.—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map 7.

Partial; S. hemisphere, also incl. S. Australia, Tasmania, New Zealand, Subantarctic Is, Andine S. America; delineated; occasional.

E. Hultén, Flora of Alaska (1968) 410.

Partial; N. hemisphere; occurrence in New Zealand and S. America mentioned on the map; delineated and localities in Alaska indicated; occasional.

R. Geesink, Pac. Pl. Ar. 3 (1975) map 184.

Complete; Old & New World, N. & S. hemispheres, also New Guinea; delineated and localities partly indicated; literature + herb.

M. fontana L. ssp. **fontana** and **variabilis** WALT.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 136a.

Complete; Old & New World, also incl. N. New Guinea (?), S. Australia, Tasmania, New Zealand and islands S. of it, Solomons; delineated, shaded and localities indicated; occasional.

Neopaxia australasica (HOOK. f.) Ö. Nilsson—Ö. Nilsson, Bot. Not. 119 (1966) 283, 469.

Complete; SE. Australia, Tasmania, New Zealand; delineated; monograph.

Paxia australasica (HOOK. f.) Ö. Nilsson (monotypic genus, segregated from *Claytonia*, name of genus later changed to *Neopaxia*)—Ö. Nilsson, Bot. Not. 119 (1966) 283.

Complete; SE. Australia, New Zealand, Auckland Is; shaded; partial revision.

Portulaca howellii (LEGR.) ELIASS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 730.

Complete; Galapagos Is; localities indicated; partial revision.

P. oleracea L.—E. Hultén, The Circumpolar Plants II (Kungl. Sv. Vet. Akad. Handl. IV, 13, n. 1, 1971) 206.

Partial; holarctic region, other localities mentioned in text and on map; delineated and localities indicated; literature.

I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 730.

Partial; Galapagos Is; localities indicated; partial revision.

P. umbraticola HBK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 730.

Partial; Galapagos Is; localities indicated; partial revision.

Talinum paniculatum (JACQ.) GAERTN.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 730.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

POTAMOGETONACEAE

Cymodocea KÖN.—C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 23.

Complete; Old World, also incl. Malesia and W. Pacific, W. Australia; delineated; monograph.

C. rotundata EHRENB. & HEMPR. ex ASCHERS.—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 234.

Complete; E. Africa & Red Sea to W. Pacific (Micronesia, New Caledonia); localities indicated; monograph.

Halodule ENDL.—C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 22.

Complete; Old & New World, also incl. Malesia, W. half of the Pacific, W. and N. Australia, Centr. America and W. Indies; delineated; monograph.

H. beaudettei (DEN HARTOG) DEN HARTOG—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 230.

Complete; Centr. America, Caribbean; localities indicated; monograph.

H. pinifolia (MIKI) DEN HARTOG—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 231.

Complete; Indo-China, Ryu Kyu to Queensland and Pacific (Fiji, New Caledonia); localities indicated; monograph.

H. uninervis (FORSK.) ASCHERS.—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 229.

Complete; E. Africa & Red Sea to Melanesia; localities indicated; monograph.

Heterozostera DEN HARTOG—C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 20.

Complete; S. Australia and Tasmania, Chile; delineated; monograph.

H. tasmanica (MARTENS ex ASCHERS.) DEN HARTOG—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 228.

Complete; S. Australia and Tasmania, Chile; delineated and localities indicated; monograph.

- Phyllospadix** HOOK.—E. Hultén, Flora of Alaska (1968) 70.
Complete; Old & New World; Japan—N. America; delineated; partial revision.
- C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 20.
Complete; northern part Pacific; delineated; monograph.
- Potamogeton crispus** L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 24d.
Complete; New & Old World, incl. Taiwan and Japan, ? Sumatra, SE. Australia; delineated and shaded; occasional.
- P. distinctus** BENN.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 24b.
± Complete; E. Asia, Sunda Is and New Zealand; delineated and partly with arrows; occasional.
- P. lucens** L. var. **gaudichaudii** CHAM. & SCHLECHT.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 24c.
Complete; Guam; indicated with arrows; occasional.
- P. natans** L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 24a.
Complete; N. hemisphere and SE. Australia, Tasmania, New Zealand; delineated and shaded; occasional.
- E. Hultén, Flora of Alaska (1968) 71.
Partial; N. hemisphere; occurrence in Australia and S. America mentioned on the map; delineated and localities in Alaska indicated; occasional.
- P. pectinatus** L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 25d.
± Complete (partial as regards the Pacific); New & Old World, incl. Japan, Celebes (Minahassa), S. Australia, Tasmania, New Zealand, ? Easter I.; delineated, shaded and localities indicated; occasional.
- E. Hultén, Flora of Alaska (1968) 77.
Partial; N. hemisphere; occurrence in S. Africa, Centr. & S. America mentioned on the map; delineated and localities in Alaska indicated; occasional.
- I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 919.
Partial; Galapagos Is; locality indicated; partial revision.
- P. perfoliatus** L. ssp. **perfoliatus** and ssp. **richardsonii** (BENNET) HULTÉN—E. Hultén, Flora of Alaska (1968) 74.
Partial; N. hemisphere; delineated and localities in Alaska indicated; occasional.
- P. praelongus** WULF—E. Hultén, Flora of Alaska (1968) 73.
Partial; N. hemisphere; occurrence in S. India, Australia, New Zealand, Galapagos Is, S. America, etc. mentioned on the map; delineated and localities in Alaska indicated; occasional.
- Ruppia maritima** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 919.
Partial; Galapagos Is; localities indicated; partial revision.

R. spiralis L.—E. Hultén, Flora of Alaska (1968) 79.

Partial; N. hemisphere; occurrence in S. India, Australia, S. America, etc. mentioned on the map; delineated and localities Alaska indicated; occasional.

Syringodium KÜTZ.—C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 24.

Complete; Old & New World, also incl. Malesia and W. Pacific, W. & N. Australia; delineated; monograph.

S. isoetifolium (ASCHERS.) DANDY—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 232.

Complete; E. Africa & Red Sea to Australia and Tonga; localities indicated; monograph.

Thalassodendron DEN HARTOG—C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 25.

Complete; Old World, also incl. E. Malesia, Melanesia, SW. & NE. Australia; delineated; monograph.

T. ciliatum (FORSK.) DEN HARTOG—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 233.

Complete; E. Africa, islands in Indian Ocean, E. Malesia, Queensland, Palau, Solomons; localities indicated; monograph.

Zannichellia palustris L.—E. Hultén, Flora of Alaska (1968) 79.

Partial; N. hemisphere; occurrence in New Zealand, S. America, etc. mentioned on the map; delineated and localities in Alaska indicated; occasional.

Zostera L. subgen. **Zostera**—C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 19.

Complete; N. hemisphere, also incl. the northern Pacific; delineated; monograph.

subgen. **Zosterella** (ASCHERS.) OSTENFELD—C. den Hartog, The sea-grasses of the World, Verh. Kon. Ned. Akad. Wetensch. afd. Nat. II, 59, 1 (1970) 19.

Complete; Old & New World, also incl. E. Asia and Japan, S. & E. Australia, Tasmania and New Zealand; delineated; monograph.

sect. **Zosterella** ASCHERS.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 26d.

± Complete; coasts of the New & Old World, also incl. Japan, SE. Australia, New Zealand, Chile; localities indicated; occasional.

Z. capricorni ASCHERS.—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 225.

Complete; Australia, New Zealand, Lord Howe I; localities indicated; monograph.

Z. japonica ASCHERS. & GRAEBN.—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 224.

Complete; Indo-China to Kamchatka; localities indicated; partial revision.

Z. marina L.—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 223.

Complete; N. hemisphere, incl. N. Pacific; localities indicated; monograph.

Z. muelleri IRMISCH ex ASCHERS.—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 226.

Complete; SE. Australia and Tasmania; localities indicated; monograph.

Z. novazelandica SETCHELL—C. den Hartog, Pac. Pl. Ar. 3 (1975) map 227.

Complete; New Zealand; localities indicated; monograph.

PRIMULACEAE

Lysimachia japonica THUNB.—Y. Horikawa, Atlas Jap. Flora (1972) map 304.
Partial; Japan to Taiwan; localities indicated; literature + herb.

L. laxa BAUDO—L. Croizat, Proc. Symp. Recent Adv. Trop. Ecol. 2 (1968) 564.
Complete; Continental Asia, Ceylon, Sumatra to Java and Lesser Sunda Is; delineated; after Fl. Mal.

L. mauritiana LAMK.—Y. Horikawa, Atlas Jap. Flora (1972) map 305.
Partial; Japan to Taiwan, Bonin; localities indicated; literature + herb.

Primula prolifera WALL.—L. Croizat, Mem. Soc. Broter 20 (1968) 264.
Complete; Himalaya, Sumatra, Java; localities indicated; occasional.

C. G. G. J. van Steenis, Mountain Flora of Java (1972) 59.
Complete; Himalaya, Sumatra, Java; shaded and in Malesia localities indicated; occasional.

Samolus valerandi L.—E. Hultén, The Circumpolar Plants II (Kungl. Sv. Vet. Akad. Handl. IV, 13, n. 1, 1971) 148.
Partial; holarctic region, other localities mentioned in text and on map; delineated; localities indicated; literature.

PROTEACEAE

Proteaceae—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. n. 12 (1964) 34.
Complete; World; delineated; occasional; after Hutchinson 1959.

R. Melville, Syst. Ass. Publ. n. 7 (1967) 302; in Adams & Ager, Aspects of Tethyan Biogeography.

Complete; Old & New World, also incl. Indo-Malesia, Australia, New Zealand, W. Pacific; delineated; partial revision; occasional.

H. Walter/H. Straka, Arealkunde, Einführung i.d. Phytologie III/2, Stuttgart (1970) 60.
Complete; Old & New World, mainly S. hemisphere; delineated and shaded; occasional; after Good, emend.

R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 126.
Complete; New & Old World; shaded; high species density; occasional; after Good.

R. F. Thorne, Trop. For. Ecosyst. in Afr. & S. Amer. (1973) 45.
Complete; Old & New World, incl. SW. Pacific & New Zealand; delineated and shaded; after Good.

Grevilleoideae—N. T. Burbidge, Austr. J. Bot. 8 (1960) 173.
Partial; Australian region; arrows, with genera and endemics; occasional.

Persoonioideae—N. T. Burbidge, Austr. J. Bot. 8 (1960) 172.
Partial; Australian region; arrows, with genera and endemics; occasional.

Proteaceae, combined map of Gevuina, Lomatia, Oreocallis and Orites—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 394.
Complete; E. Australia, New Guinea, S. America; shaded; after Burbidge, Sleumer and Pac. Pl. Ar.

- Beauprea asplenoides** SCHLTR.—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 68.
Complete; New Caledonia; localities indicated; monograph.
- B. balansae** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 56.
Complete; New Caledonia; localities indicated; monograph.
- B. comptonii** S. MOORE—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 72.
Complete; New Caledonia; localities indicated; monograph.
- B. congesta** VIROT—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 28.
Complete; New Caledonia; localities indicated; monograph.
- B. crassifolia** VIROT—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 248.
Complete; New Caledonia; locality indicated; monograph.
- B. filipes** SCHLTR.—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 34.
Complete; New Caledonia; localities indicated; monograph.
- B. gracilis** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 36.
Complete; New Caledonia; localities indicated; monograph.
- B. montana** (BRONGN. & GRIS) VIROT—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 60.
Complete; New Caledonia; localities indicated; monograph.
- B. montis-fontium** GUILL.—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 40.
Complete; New Caledonia; localities indicated; monograph.
- B. neglecta** VIROT—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 48.
Complete; New Caledonia; localities indicated; monograph.
- B. pancheri** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 65.
Complete; New Caledonia; localities indicated; monograph.
- B. penariensis** GUILL.—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 31.
Complete; New Caledonia; localities indicated; monograph.
- B. spathulaefolia** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 44.
Complete; New Caledonia; localities indicated; monograph.
- Beaupreopsis paniculata** (BRONGN. & GRIS) VIROT—R. Virot, Fl. Nouv. Caléd. et
Dépend. 2 (1968) 16.
Complete; monotypic endemic genus of New Caledonia; localities indicated;
monograph.
- Embothrium** FORST.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 191.
Complete; W. coast S. America, New Guinea, Moluccas, E. Australia; delineated;
occasional (Old World spp.=*Oreocallis*).
- Garnieria** (BRONGN. & GRIS) BRONGN. & GRIS—E. F. de Vogel, Pac. Pl. Ar. 3 (1975)
map 190.
Complete; New Caledonia; localities indicated; after Virot.
- G. spathulaefolia** (BRONGN. & GRIS) BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et
Dépend. 2 (1968) 76.
Complete; monotypic endemic genus of New Caledonia; localities indicated; mono-
graph.

- Gevuina** MOL.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 7.
Complete; S. America, New Guinea, NE. Australia; delineated; literature.
- N. T. Burbidge, Austr. J. Bot. 8 (1960) 175.
Complete; S. America, New Guinea, N. Australia; delineated and localities indicated; species density; partial revision; after Sleumer 1956.
- R. Schnell, Introd. Phytogéogr. Pays Trop. 1 (1970) 195.
Complete; New Guinea, S. Australia, S. America; delineated and localities indicated; occasional.
- Grevillea exul** LINDL. (+ ssp.)—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 154.
Complete; New Caledonia; localities indicated; partial revision.
- G. gillivrayi** HOOK. (+ vars.)—R. Virot, Fl. Nouv. Caléd. et. Dépend. 2 (1968) 162, 164, 166.
Complete; New Caledonia; localities indicated; partial revision.
- G. meisneri** MONTR. (2 vars.)—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 144, 146.
Complete; New Caledonia; localities indicated; partial revision.
- Helicia** LOUR. (8 spp.)—B. Na Songkhla, Thai For. Bull. 7 (1973) 60.
Partial; Thailand; localities indicated; partial revision.
- Kermadecia** BRONGN. & GRIS—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 7.
Complete; New Caledonia, New Hebrides, Fiji Is; delineated; literature.
- K. elliptica** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 94.
Complete; New Caledonia; localities indicated; partial revision.
- K. pronyensis** (GUILL.) GUILL.—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 98.
Complete; New Caledonia; localities indicated; partial revision.
- K. rotundifolia** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 88.
Complete; New Caledonia; localities indicated; partial revision.
- K. sinuata** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 84.
Complete; New Caledonia; localities indicated; partial revision.
- Knightia** R. BR.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 191.
Complete; New Zealand, New Caledonia; delineated; species density; literature.
- K. deplanchei** VIEILL.—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 240.
Complete; New Caledonia; localities indicated; partial revision.
- K. strobilina** (LABILL.) R. BR.—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 244.
Complete; New Caledonia; localities indicated; partial revision.
- Lomatia** R. BR.—N. T. Burbidge, Austr. J. Bot. 8 (1960) 175.
Complete; S. America; E. coast of Australia, Tasmania; delineated; partial revision.
- F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 7.
Complete; S. America, E. Australia, Tasmania (in error: New Caledonia, Tahiti); delineated; literature.

- R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 195.
Complete; E. Australia, Tasmania, S. America; delineated; occasional.
- Macadamia angustifolia** VIROT—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 122.
Complete; New Caledonia; locality indicated; partial revision.
- M. francii** (GUILL.) SLEUMER—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 130.
Complete; New Caledonia; localities indicated; partial revision.
- M. leptophylla** (GUILL.) VIROT—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 125.
Complete; New Caledonia; localities indicated; partial revision.
- M. neurophylla** (GUILL.) VIROT—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 134.
Complete; New Caledonia; localities indicated; partial revision.
- M. rousselii** (VIEILL.) SLEUMER—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 116.
Complete; New Caledonia; localities indicated; partial revision.
- M. vieillardii** (BRONGN. & GRIS) SLEUMER—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 138.
Complete; New Caledonia; localities indicated; partial revision.
- Oreocallis** R. BR.—N. T. Burbidge, Austr. J. Bot. 8 (1960) 175.
Complete; Aru Is, S. New Guinea, N. & E. Australia, NW. South America; delineated; partial revision; after Sleumer 1956.
- R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 195.
Complete; New Guinea to E. Australia, S. America; delineated; occasional.
- Orites** R. BR.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 7.
Complete; S. America, SE. Australia, Tasmania; delineated; literature.
- N. T. Burbidge, Austr. J. Bot. 8 (1960) 175.
Complete; S. America, SE. Australia and Tasmania; delineated; partial revision; after Sleumer 1956.
- R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 195.
Complete; S. America, E. Australia, Tasmania; delineated; occasional.
- Persoonia** Sm. (4 sect.)—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 189.
Complete; Australia, New Zealand; delineated; literature.
- P. toru** A. CUNN.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 189.
Complete; New Zealand; delineated; literature.
- Sleumerodendron austro-caledonicum** (BRONGN. & GRIS) VIROT—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 104.
Complete; New Caledonia; localities indicated; monograph.
- Stenocarpus comptonii** S. MOORE—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 202.
Complete; New Caledonia; localities indicated; partial revision.
- S. dumbeensis** GUILL.—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 206.
Complete; New Caledonia; localities indicated; partial revision.
- S. gracilis** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 210.
Complete; New Caledonia; localities indicated; partial revision.

- S. heterophyllus** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 224.
Complete; New Caledonia; localities indicated; partial revision.
- S. intermedius** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 198.
Complete; New Caledonia; localities indicated; partial revision.
- S. milnei** HOOK.—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 186.
Complete; New Caledonia; localities indicated; partial revision.
- S. phyllodineus** S. MOORE—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 196.
Complete; New Caledonia; localities indicated; partial revision.
- S. rubiginosus** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 222.
Complete; New Caledonia; localities indicated; partial revision.
- S. tremuloides** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 182.
Complete; New Caledonia; localities indicated; partial revision.
- S. trinervis** (MONTR.) GUILL. (+ vars.)—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968)
214, 216, 218.
Complete; New Caledonia; localities indicated; partial revision.
- S. umbelliferus** (J. R. & G. FORST.) DRUCE (+ vars.)—R. Virot, Fl. Nouv. Caléd. et
Dépend. 2 (1968) 228, 230.
Complete; New Caledonia; localities indicated; partial revision.
- S. villosus** BRONGN. & GRIS—R. Virot, Fl. Nouv. Caléd. et Dépend. 2 (1968) 192.
Complete; New Caledonia; localities indicated; partial revision.

RAFFLESIACEAE

- Mitrasistemum** MAKINO—F. Maekawa, J. Fac. Sc. Univ. Tokyo 9 (1965) 184.
Complete; S. Japan, Indo-China, Sumatra, (Borneo, New Guinea omitted), C.
America; localities ± indicated; occasional.
- R. F. Thorne, Quart. Rev. Biol. 47 (1972) 383.
Complete; E. Asia, Malesia, C. America; localities indicated; after Pac. Pl. Ar.
- M. yamamotoi** MAKINO—B. Hansen, Bot. Tidsskr. 67 (1972) 150.
Almost complete; Japan, Siam to New Guinea; localities indicated; occasional.
- Pilosystyles** GUILL.—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 397.
Complete; Africa, Middle East, W. Australia, America; localities indicated; occasional.

RANUNCULACEAE

- Ranunculaceae**—A. Lourteig, C. R. S. Soc. Biogéogr. 289 (1956) 57.
Complete; World; shaded; partial revision.
- Ranunculaceae (10 genera)**—A. Lourteig, C. R. S. Soc. Biogéogr. 289 (1956) 59, 63,
64, 65, 68.
Partial; S. America; delineated and localities partly indicated; partial revision.

Anemone L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 159a.

Complete; Old & New World, also incl. Mal. Pen., Sumatra, Tasmania, New Zealand, S. America, Juan Fernandez Is; delineated, shaded and localities indicated; species density; occasional.

Caltha L. sect. **Psychrophila** DC. (6 spp.)—P. G. Smit, Blumea 21 (1973) 132, 134.

Complete; S. America, Australia, New Zealand; localities indicated; monograph.

P. G. Smit, Pac. Pl. Ar. 3 (1975) map 238.

Complete; Australia, New Zealand, S. America; delineated and localities indicated; species density; monograph.

C. novae-zelandiae Hook. f.—P. G. Smit, Blumea 21 (1973) 134.

Complete; New Zealand; localities indicated; monograph.

C. obtusa CHEESEM.—P. G. Smit, Blumea 21 (1973) 134.

Complete; New Zealand; localities indicated; monograph.

Clematis javana DC.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 162c.

Partial; Java, Philippines, Moluccas, New Guinea; delineated and localities indicated; occasional.

C. mollissima (HALL. f.) EICHL.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 162c.

Complete; SW. Celebes; localities indicated; occasional.

Isopyrum L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 57.

Complete; New & Old World, also incl. E. Asia, Japan, Taiwan and W. coast N. America; delineated; occasional.

Myosurus apetalus GAY—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 168c.

Complete; New Zealand, S. America; delineated and localities indicated; occasional.

M. minimus L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 168c.

Complete; N. hemisphere, S. Australia (? synantrop.); delineated and shaded; occasional.

Paeonia L. (subg. *Moutan* and *Onaepia*)—G. L. Stebbins, Proc. 6th Pac. Sci. Congr. 3 (1940) 655.

Complete; E. Asia, N. America; delineated and shaded; occasional.

Paeonia L.—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 383.

Complete; Eurasia, W. N. America; shaded; after Stern.

Ranunculus acaulis BANKS & SOL.—A. Lourteig, C. R. S. Soc. Biogéogr. 289 (1956) 60.

Complete; New Zealand, S. America; delineated; partial revision.

R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 129.

Complete; New Zealand, extreme S. America; after Lourteig 1956.

R. binternatus J. E. SM.—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map 8.

Complete; S. hemisphere, also Macquarie I. and S. America; delineated; occasional.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 396.

Complete; Circum-Antarctic, incl. Macquarie I.; localities indicated; partial revision.

RESTIONACEAE

Restionaceae—H. Walter/H. Straka, Arcalkunde, Einführung i. d. Phytologie III/2, Stuttgart (1970) 60.

Complete; also incl. New Guinea; delineated and shaded; after Hutchinson and Good.

R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 127.

Complete; S. America, S. Africa and Madagascar, SE. Asia, Australia, Tasmania, New Zealand; shaded; occasional; after Good.

Leptocarpus R. BR.—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. 12 (1964) 38.

Incomplete; New & Old World, also incl. Malaya; delineated; occasional.

Restio L. s.l.—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. 12 (1964) 38.

Complete; Old World, incl. S. Africa, Madagascar, Australia, Tasmania, New Zealand; delineated; occasional.

RHAMNACEAE

Alphitonia REISS. (Pacific spp.)—L. Croizat, Trop. Ecol. 8 (1967) 48.

Partial; New Caledonia, Fiji, Polynesia; localities indicated; occasional.

Alphitonia REISS. (non-Pacific spp.)—L. Croizat, Trop. Ecol. 8 (1967) 48.

Complete; E. Asia, Indonesia (from Borneo eastwards), Melanesia, Micronesia, N. & E. Australia; delineated; occasional.

Colubrina L. C. RICH. ex BRONGN. (infrageneric taxa)—M. C. Johnston, Brittonia 23 (1971) 6.

Complete; tropics of the New & Old World (Africa in E. Africa only); delineated; revision.

Colubrina L. C. RICH. ex BRONGN. subgen. **Serrataria** M. C. JOHNSTON—M. C. Johnston, Brittonia 23 (1971) 6.

Complete; N. America and Old World tropics, also incl. Malesia and W. half of the Pacific to Hawaii; delineated; infrageneric taxa; revision.

sect. **Colubrina**—M. C. Johnston, Brittonia 23 (1971) 6.

Complete; American tropics and Hawaii; shaded; revision.

C. anomala KING—M. C. Johnston, Brittonia 23 (1971) 45.

Complete; Malaya; letter 'a'; revision.

C. asiatica (L.) BRONGN. var. **asiatica**—M. C. Johnston, Brittonia 23 (1971) 45.

Complete; from E. Africa to S. & SE. Asia (to Ryu Kyu), Malesia, to the Pacific with wide Polynesian distribution, Caribbean area; dotted; localities indicated; revision.

var. subpubescens (PITTARD) M. C. JOHNSTON.—M. C. Johnston, Brittonia 23 (1971) 45.
Complete; from Burma eastwards to former Indo-China, E. Java (recently found in Sumbawa); letter 's'; revision.

C. beccariana WARB.—M. C. Johnston, Brittonia 23 (1971) 45.
Complete; N. & E. Borneo, extreme W. New Guinea (Irian); letter 'b'; revision.

C. pedunculata BAKER f.—M. C. Johnston, Brittonia 23 (1971) 45.
Complete; Christmas I.; letter 'p'; revision.

Gouania JACQ.—H. St. John, Pac. Sc. 23 (1969) 538.

Partial; Hawaii Is; localities of species indicated by numerals referring to number of spp. in text; partial revision.

G. polygama (JACQ.) URB.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 735.
Partial; Galapagos Is; localities indicated; partial revision.

Rhamnus L.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map II.

Complete; New & Old World, also incl. S. & SE. Asia, Malesia (not Celebes); delineated; literature.

F. J. W. Bader, Webbia 19 (1965) 535.

Complete; New & Old World, also incl. SE. Asia, Malesia; delineated; occasional.

Scutia pauciflora (HOOK. f.) WEBERB.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 735.

Partial; Galapagos Is; localities indicated; partial revision.

RHIZOPHORACEAE

Bruguiera LAMK.—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 387.

Complete; from E. Africa to Micronesia and Melanesia; delineated and shaded; after Pac. Pl. Ar.

B. exaristata D. Hou—R. D. Hoogland, in D. Walker (ed.), A.N.U. Dept. Biogeogr. & Geom. Publ. BG/3 (1972) 149.

± Complete (Timor omitted); N. Australia, New Guinea; localities indicated; literature + herb.

B. gymnorhiza (L.) LAMK.—Y. Horikawa, Atlas Jap. Flora (1972) map 238.

Partial; Ryu Kyu; localities indicated; literature + herb.

M. R. Arena & E. F. Orsino, Webbia 28 (1973) facing p. 160.

Partial; E. Africa; localities indicated; partial revision.

Ceriops tagal (PERR.) C. B. ROB.—M. R. Arena & E. F. Orsino, Webbia 28 (1973) facing p. 160.

Partial; E. Africa; localities indicated; partial revision.

Combretocarpus HOOK. f.—H. Keng, J. Trop. Geogr. 31 (1970) 49.

Complete; Sumatra, Mal. Pen., Borneo; delineated; literature.

Crossostylis J. R. & G. FORST.—M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 72.

Complete; Pacific, from Solomons to Marquesas Is; delineated; after Pac. Pl. Ar.

- Kandelia candel** (L.) DRUCE.—Y. Horikawa, Atlas Jap. Flora (1972) map 239. Partial; S. Japan to Taiwan; localities indicated; literature + herb.
- Rhizophora apiculata** BL.—V. J. Chapman, Trop. Ecol. 11 (1970) 3. Complete; from S. Asia eastwards, incl. Malesia, Micronesia and W. Melanesia; delineated; literature.
- R. lamarckii** MONTR.—V. J. Chapman, Trop. Ecol. 11 (1970) 3. Complete; New Caledonia; delineated; literature.
- R. mangle** L.—V. J. Chapman, Trop. Ecol. 11 (1970) 3. Partial; (E. Melanesia); delineated; literature.
- I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 735. Partial; Galapagos Is; localities indicated; partial revision.
- E. L. Little, Atlas United States Trees 1 (1971) map 186. Partial; N. America, W. Indies; shaded; herb. + literature.
- R. mucronata** LAMK.—V. J. Chapman, Trop. Ecol. 11 (1970) 3. Complete; from E. Africa to S. Asia, Malesia, W. Pacific and N. Australia; delineated; literature.
- M. R. Arena & E. F. Orsino, Webbia 28 (1973) facing p. 160. Partial; E. Africa; localities indicated; partial revision.
- R. stylosa** GRIFF.—V. J. Chapman, Trop. Ecol. 11 (1970) 3. Complete; Malesia to Taiwan and E. Melanesia and N. Australia; delineated; literature.
- Y. Horikawa, Atlas Jap. Flora (1972) map 240. Partial; Ryu Kyu; localities indicated; literature + herb.

ROSACEAE

- Acaena MUTIS ex L.**—D. M. Moore, in Valentine (ed.), Taxon. Phytogeogr. & Evol. (1972) 120. Complete; New Guinea, S. Australia, Tasmania, New Zealand, Hawaii, Americas; delineated; species density; occasional.
- R. F. Thorne, Quart. Rev. Biol. 47 (1972) 396. Complete; widely in S. hemisphere, incl. New Guinea, New Zealand, also Hawaii, California; shaded and localities indicated; occasional.
- A. adscendens** VAHL—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map 9. Complete; S. hemisphere, also incl. New Zealand and Subantarctic Is, and Fuegia; delineated; occasional.
- G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. 12 (1964) 35. Complete; S. hemisphere, also incl. New Zealand, Fuegia; delineated; occasional.
- A. agnipila** GANDOG. (3 vars.)—A. E. Orchard, Rec. Auckl. Mus. 10 (1973) 101. Partial; New Zealand; localities indicated; partial revision.

A. x anserovina ORCHARD—A. E. Orchard, Rec. Auckl. Mus. 10 (1973) 101.
Partial; New Zealand; localities indicated; partial revision.

A. echinata NEES var. **echinata**—A. E. Orchard, Rec. Auckl. Mus. 10 (1973) 101.
Partial; New Zealand; locality indicated; partial revision.

A. magellanica (LAMK.) VAHL—D. M. Moore, in Valentine (ed.), Taxon. Phytogeogr. & Evol. (1972) 129.
Complete; amphianarctic; delineated; chromosome numbers; occasional.

Aphanes L. (*Alchemilla* subg. *Aphanes*)—H. Meusel, Ber. Deutsch. Bot. Ges. 75 (1962) 116.
Complete; New & Old World, incl. SW. and SE. Australia; delineated and hatched; occasional.

Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 222b.
Complete; Old & New World, also incl. S. Australia, S. America; delineated and shaded; species density; occasional.

Chrysobalanus L.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 53.
Complete; tropics New & Old World, not in Asia and the Pacific; delineated; occasional.

Eriobotrya LINDL.—J. E. Vidal, Adansonia 5 (1965) 539.
Complete; Old World, from E. India to Japan, and W. Malesia (Sumatra, Malaya and Borneo); delineated; species distribution indicated; monograph.

Geum L. s.l.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 219b.
Complete; Old & New World, also incl. Tasmania, New Zealand and islands S. of it, S. America; delineated and shaded; occasional.

Laurocerasus ROEM. [*Prunus* L. sect. *Laurocerasus* (TOURN. ex DUH.) REHDER]—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 226c.
Incomplete; Old & New World, also incl. SE. Asia, W. Malesia, N. New Guinea; S. America; shaded and localities indicated; occasional.

Laurocerasus Tourn.—H. Meusel, in Gersch, Vortr. mod. Probl. Abst. Lehre 1 (1965) 125.
Complete; New & Old World, incl. SE. Asia and Japan, W. Malesia (Mal. Pen., Sumatra, Java, N. Philippines), and N. New Guinea; delineated and hatched; occasional.

Maranthes BL.—G. T. Prance, Brittonia 20 (1968) 204.
Complete; Africa, Indo-Malesia, C. America (Panama); delineated; occasional.

E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 182.

Complete; Africa, Malesia, W. Pacific, N. Australia, Panama (introd. ?); delineated and localities partly indicated; literature.

M. corymbosa BL.—G. T. Prance, Brittonia 20 (1968) 204.
Complete; Malesia, Queensland; delineated (approx.); inaccurate for Pacific; occasional.

Osteomeles LINDL.—T. Tuyama & Sh. Asami, The Nature of the Bonin Islands 1 (1970) 126.

Complete; SE. Asia to Bonin Is, and Hawaii, and Centr. Pacific; delineated and localities indicated; occasional.

- A.** Graham (ed.), Florist. & Palaeoflorist. Asia & E. North America (1972) 80.
Complete; E. Asia, Pacific (Bonin Is, Hawaii, Centr.), S. America; shaded; after
Tuyama.
- O. anthyllidifolia** LINDL.—Y. Horikawa, Atlas Jap. Flora (1972) map 115.
Partial; Ryu Kyu, Bonin; localities indicated; literature + herb.
- Photinia** LINDL. (9 spp.)—E. Vidal, Adansonia 5 (1965) 222.
Complete; Indo-Malesia (incl. Sumatra, Java, Lesser Sunda Is), E. Asia (also incl. N. Philippines and Japan); delineated and localities ± indicated; species density; partial revision.
- Ph. serrulata** LINDL.—Y. Horikawa, Atlas Jap. Flora (1972) map 117.
Partial; S. Japan, Ryu Kyu; localities indicated; literature + herb.
- Potentilla anserina** L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 218b.
Complete; N. hemisphere, S. Australia, Tasmania, New Zealand, ? Chile; delineated and shaded; occasional.
- P. foersteriana** LAUT.—L. Croizat, Proc. Symp. Recent Adv. Trop. Ecol. 2 (1968) 562.
Complete; New Guinea; locality indicated; occasional.
- P. leuconota** D. DON—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 218b.
Incomplete; Himalaya, Taiwan, N. Borneo (Kinabalu); delineated and localities indicated; occasional.
- P. mooniana** WIGHT—L. Croizat, Proc. Symp. Recent Adv. Trop. Ecol. 2 (1968) 562.
Complete; Himalayas, Ceylon, Java, Borneo; localities indicated; occasional.
- P. papuana** FOCKE—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 218b.
Complete; E. New Guinea; delineated; occasional.
- P. parvula** HOOK. f.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 218b.
Complete; N. Borneo (Kinabalu); locality indicated; occasional.
- L. Croizat, Proc. Symp. Recent Adv. Trop. Ecol. 2 (1968) 562.
Complete; N. Borneo, Centr. Celebes, New Guinea; localities indicated; occasional.
- P. philippinensis** MERR.—L. Croizat, Proc. Symp. Recent Adv. Trop. Ecol. 2 (1968) 562.
Complete; Luzon; localities indicated; occasional.
- Prunus** L.—F. J. W. Bader, Nova Acta Leop. N. F. n. 124, 23 (1960) map 10.
Complete; New & Old World (excl. mainland Africa), also incl. SE. Asia, Malesia (excl. Celebes, Lesser Sunda Is); delineated; literature.
- Prunus** L., s.l.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 226c.
Incomplete; Old & New World, also incl. W. Malesia (Sumatra, Mal. Pen., Java, Philippines); delineated; occasional.

Prunus L. sect. **Laurocerasus** (TOURN. ex DUH.) REHDER—C. Kalkman, Blumea 13 (1965) 21.

Partial; S. & E. Asia (also Japan and Taiwan), Indonesia, Palawan, Sulu Arch.; delineated; species density; partial revision.

sect. **Mesopygeum** (KOEHNE) KALKMAN—C. Kalkman, Blumea 13 (1965) 22.

Complete; Indo-Malesia, N. Australia, Bismarck Arch., Solomons; delineated; species density; partial revision.

P. arborea (BL.) KALKMAN (+ 5 vars.)—C. Kalkman, Blumea 13 (1965) 92.

Complete; Indo-Malesia; delineated; partial revision.

P. brachystachya KALKMAN—C. Kalkman, Blumea 13 (1965) 65.

Complete; E. New Guinea and D'Entrecasteaux Is; delineated; partial revision.

P. brassii KALKMAN—C. Kalkman, Blumea 13 (1965) 82.

Complete; extreme E. New Guinea; delineated; partial revision.

P. costata (HEMSL.) KALKMAN—C. Kalkman, Blumea 13 (1965) 78.

Complete; New Guinea; delineated; partial revision.

P. dolichobotrys (LAUT. & SCHUM.) KALKMAN—C. Kalkman, Blumea 13 (1965) 78.

Complete; New Guinea and Woodlark I., Bismarck Arch.; delineated; partial revision.

P. gazelle-peninsulae (KAN. & HAT.) KALKMAN—C. Kalkman, Blumea 13 (1965) 78.

Complete; New Guinea, Bismarck Arch.; delineated; partial revision.

P. glomerata (KOEHNE) KALKMAN—C. Kalkman, Blumea 13 (1965) 82.

Complete; E. New Guinea; delineated; partial revision.

P. grisea (C. MUELL.) KALKMAN (+ 3 vars.)—C. Kalkman, Blumea 13 (1965) 57.

Complete; Indo-Malesia (now also known from Queensl.); delineated; partial revision.

P. javanica (T. & B.) MIQ.—C. Kalkman, Blumea 13 (1965) 47.

Complete; Indo-Malesia, as far as the W. half of New Guinea; delineated; partial revision.

P. oligantha KALKMAN—C. Kalkman, Blumea 13 (1965) 82.

Complete; E. New Guinea; delineated; partial revision.

P. pullei (KOEHNE) KALKMAN (+ 2 vars.)—C. Kalkman, Blumea 13 (1965) 87.

Complete; New Guinea; delineated; partial revision.

P. schlechteri (KOEHNE) KALKMAN—C. Kalkman, Blumea 13 (1965) 78.

Complete; New Guinea, Solomons; delineated; partial revision.

P. sclerophylla KALKMAN—C. Kalkman, Blumea 13 (1965) 68.

Complete; E. New Guinea; delineated; partial revision.

P. turneriana (F. M. BAIL.) KALKMAN—C. Kalkman, Blumea 13 (1965) 82.

Complete; E. New Guinea, NE. Australia; delineated; partial revision.

P. versteeghii KALKMAN—C. Kalkman, Blumea 13 (1965) 103.

Complete; SW. New Guinea; delineated; partial revision.

- P. wallaceana** KALKMAN—C. Kalkman, Blumea 13 (1965) 87.
Complete; Lesser Sunda Is, Moluccas; delineated; partial revision.
- Rubus L. subg. Rubus**—A. Oredsson, Bot. Not. 122 (1969) 2.
Complete; New & Old World, also incl. Japan, New Zealand, Americas; shaded; occasional.
- R. pedatus** SM.—E. Hultén, Flora of Alaska (1968) 601.
Complete; Japan—W. N. America; delineated and localities partly indicated; partial revision.
- R. spectabilis** PURSH—E. Hultén, Flora of Alaska (1968) 604.
Complete; Japan—W. N. America; delineated and localities partly indicated; partial revision.
- Stranvaesia** LINDL. (5 spp.)—E. Vidal, Adansonia 5 (1965) 230.
Complete; Asia, Taiwan, N. Malesia (N. Philippines, N. Borneo); delineated; localities ± indicated; partial revision.
- Waldsteinia** WILLD.—C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972) III.
Complete; Old & New World, N. hemisphere; shaded; after Teppner.

RUBIACEAE

- Borreria dispersa** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 422.
Complete; Galapagos Is; localities indicated; partial revision.
- B. ericaefolia** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 422.
Complete; Galapagos Is; localities indicated; partial revision.
- B. laevis** (LAMK.) GRISEB.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 422.
Partial; Galapagos Is; localities indicated; partial revision.
- B. linearifolia** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 422.
Complete; Galapagos Is; localities indicated; partial revision.
- B. perpusilla** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 427.
Complete; Galapagos Is; localities indicated; partial revision.
- B. rotundifolia** ANDERS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 427.
Complete; Galapagos Is; locality indicated; partial revision.
- B. suberecta** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 427.
Complete; Galapagos Is; localities indicated; partial revision.
- Chiococca alba** (L.) HITCHC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 427.
Partial; Galapagos Is; localities indicated; partial revision.
- Coffea arabica** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 430.
Partial; Galapagos Is (introd.); localities indicated; partial revision.

Coprosma FORST.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 15.
Complete; Java, Borneo, Celebes, New Guinea, Australia, Tasmania, New Zealand, Pacific islands; arrows; species density; literature.

N. M. Wace, Vascular Plants, in Van Oye & Van Mieghem, Biogeography & Ecology in Antarctica, Monogr. Biol. 15 (1965) 212.

Complete; Australia, Malesia, Pacific incl. Juan Fernandez, also Kerguelen (fossil); delineated and shaded; species density; occasional; distribution in Malesia and Pacific roughly indicated.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 390.

Complete; Malesia, SE. Australia, Pacific; shaded and localities indicated; after Pac. Pl. Ar.

Diodia radula (R. & S.) CHAM. & SCHLECHT.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 430.

Partial; Galapagos Is; localities indicated; partial revision.

Gaertnera LAMK.—C. F. van Beusekom, Blumea 15 (1967) 368.

Complete (generalized); Old World tropics, also incl. SE. Asia, W. Malesia; delineated; species density; partial revision.

C. F. van Beusekom, Blumea 15 (1967) 368.

Partial (generalized); SE. Asia, W. Malesia; delineated; species density; partial revision.

G. fractiflexa VAN BEUSEKOM—C. F. van Beusekom, Blumea 15 (1967) 278.

Complete; Borneo (Sarawak); localities indicated; partial revision.

G. globigera VAN BEUSEKOM—C. F. van Beusekom, Blumea 15 (1967) 378.

Complete; Borneo (Sarawak); localities indicated; partial revision.

G. grisea HOOK. f. ex CLARKE—C. F. van Beusekom, Blumea 15 (1967) 378.

Complete; Malaya, Singapore, Riouw Arch., Bangka; delineated; partial revision.

G. obesa HOOK. f. ex CLARKE—C. F. van Beusekom, Blumea 15 (1967) 278.

Complete; Malaya, Singapore; delineated; partial revision.

G. oblanceolata KING & GAMBLE—C. F. van Beusekom, Blumea 15 (1967) 378.

Complete; Malaya, N. Borneo; delineated; partial revision.

G. schizocalyx BREMEK.—C. F. van Beusekom, Blumea 15 (1967) 378.

Complete; Malaya, Borneo; localities indicated; partial revision.

G. vaginans (DC.) MERR. ssp. *junguhnuiana* (MIQ.) VAN BEUSEKOM—C. F. van Beusekom, Blumea 15 (1967) 368.

Complete; SE. Asia, W. Malesia; delineated; partial revision.

ssp. *junguhnuiana* f. *hermaphroditica* VAN BEUSEKOM—C. F. van Beusekom, Blumea 15 (1967) 378.

Complete; Borneo (Brunei, Sabah); delineated and localities indicated; partial revision.

G. viminea HOOK. f. ex CLARKE—C. F. van Beusekom, Blumea 15 (1967) 378.

Complete; Malaya, Singapore; delineated; partial revision.

- Galium galapagoense*** WIGGINS—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 430.
Complete; Galapagos Is; localities indicated; partial revision.
- Gardenia jasminoides*** ELLIS—Y. Horikawa, Atlas Jap. Flora (1972) map 351.
Partial; Japan to Taiwan; localities indicated; literature + herb.
- Hedyotis coreana*** LEV.—Y. Horikawa, Atlas Jap. Flora (1972) map 352.
Partial; S. Japan to Taiwan; localities indicated; literature + herb.
- H. romanzoffiensis*** (CHAM. & SCHLECHT.) FOSB.—M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 180.
Complete; SE. Polynesia; localities indicated; literature + herb.
- Lasianthus plagiophyllus*** HANCE—Y. Horikawa, Atlas Jap. Flora (1972) map 353.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- Lindenia*** BTH.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 452.
Complete; Pacific (Fiji, New Caledonia), C. America; delineated; occasional.
- M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 214.
Complete; 2 spp., one Pacific, one Centr. America; delineated; localities in Pacific indicated; literature.
- L. vitiensis*** SEEM.—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 452.
Complete; Fiji, New Caledonia; delineated; occasional.
- M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 214.
Complete; Pacific (New Caledonia, Fiji, ? Samoa); delineated; literature.
- Morinda citrifolia*** L.—B. Zepernick, in Baessler Arch. N. F. 15 (1967) 333.
Partial; Pacific; delineated; localities indicated; for use as dye; occasional.
- M. umbellata*** L.—Y. Horikawa, Atlas Jap. Flora (1972) map 354.
Partial; Ryu Kyu, Taiwan, Bonin; localities indicated; literature + herb.
- Nertera*** BANKS & SOL. ex GAERTN.—C. G. G. J. van Steenis, Proc. R. Soc. B 161 (1964) 12.
Complete; C. & S. America; Madagascar (erroneous) to SE. Asia through Malesia, E. New Guinea, SE. Australia, Tasmania, New Zealand, Centr. Pacific; shaded; localities indicated; occasional.
- Ch.-Y. Hu & H.-W. Li, Rep. Bot. Div. Trop. and Subtrop. Yunnan, 1 (1965, Scientific Publ. Co.) vii.
Complete; after Van Steenis 1962.
- L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 254; Mem. Soc. Brot. 20 (1968) 278.
± Complete; from SE. Asia through Malesia, SE. Australia, New Zealand, Centr. Pacific, W. coast Centr. & S. America; localities indicated; occasional; after Van Steenis 1964.
- R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 128.
Complete; amphitropical; delineated and localities indicated; occasional; after Van Steenis 1962.

Oldenlandia corymbosa L.—W. H. Lewis, *Grana Palynologica* 5 (1964) 339.

Complete; New & Old World, incl. Indo-Malesia; delineated and localities indicated; monograph.

Paederia scandens (LOUR.) MERR.—Y. Horikawa, *Atlas Jap. Flora* (1972) map 355.

Partial; Japan to Taiwan, Bonin; localities indicated; literature + herb.

Psychotria angustata ANDERS.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 430.

Complete; Galapagos Is; localities indicated; partial revision.

P. rufipes HOOK. f.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 437.

Complete; Galapagos Is; localities indicated; partial revision.

Spermacoce confusa RENDLE—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 437.

Partial; Galapagos Is; localities indicated; partial revision.

RUPPIACEAE see Potamogetonaceae

RUTACEAE

Boenninghausenia albiflora REICH.—H. Kanai, *J. Fac. Sc. Univ. Tokyo* 8 (1963) 321.

Partial; Asia, Japan; localities indicated; occasional.

B. japonica (SIEB.) NAKAI (*B. albiflora* var. *japonica*)—Y. Horikawa, *Atlas Jap. Flora* (1972) map 149.

Complete; Japan; localities indicated; literature + herb.

Citrus aurantifolia (CHRISTM.) SWINGLE—R. W. Scora & M. N. Malik, *Taxon* 19 (1970) 224.

Complete; from the Himalaya to S. Malaya; shaded; occasional.

C. halimii STONE—B. C. Stone, J. B. Lowry, R. W. Scora, K. Jong, *Biotropica* 5 (1973) 108.

Complete; Malaya, Penins. Thailand; localities indicated; partial revision.

C. limetta RISSO—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 735.

Partial; Galapagos Is (introd.); localities indicated; partial revision.

C. sinensis (L.) OSBECK—R. W. Scora & M. N. Malik, *Taxon* 9 (1970) 224.

Complete; from Nepal to Thailand and S. China; shaded; occasional.

Clausena BURM. f.—C. C. Huang, *Acta Phytotaxon. Sinica* 8 (1959) 83.

Partial; Himalayan-Chinese region, Taiwan, Hainan; delineated and hatched; partial revision.

Flindersia amboinensis POIR.—Th. G. Hartley, *J. Arn. Arb.* 50 (1969) 500.

Complete; Moluccas (Ceram), Tenimber and Aru Is, New Guinea and neighbouring islands; localities indicated; monograph.

F. ifflaiana F. v. M.—Th. G. Hartley, *J. Arn. Arb.* 50 (1969) 513.

Complete; S. New Guinea, NE. Australia; localities indicated; monograph.

- F. laevicarpa** WHITE & FRANCIS var. **heterophylla** (MERR. & PERRY) HARTLEY—Th. G. Hartley, J. Arn. Arb. 50 (1969) 491.
Complete; Misool I., New Guinea; localities indicated; monograph.
- F. pimenteliana** F. v. M.—Th. G. Hartley, J. Arn. Arb. 50 (1969) 496.
Complete; New Guinea and islands in Geelvinck Bay, Queensland; localities indicated; monograph.
- F. schottiana** F. v. M.—Th. G. Hartley, J. Arn. Arb. 50 (1969) 504.
Complete; New Guinea, NE. & E. coast of Australia; localities indicated; monograph.
- Luvunga** BUCH.-HAM.—C. C. Huang, Acta Phytotaxon. Sinica 8 (1959) 105.
Partial; Himalayan-Chinese region, Hainan; delineated and hatched; partial revision.
- Skimmia** THUNB.—H. Kanai, J. Fac. Sc. Univ. Tokyo 8 (1963) 327.
Partial; Asia, Japan; Luzon; localities indicated; occasional.
- Toddalia asiatica** (L.) LAMK.—Y. Horikawa, Atlas Jap. Flora (1972) map 151.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- Zanthoxylum acanthopodium** DC.—Th. G. Hartley, J. Arn. Arb. 47 (1966) 211.
Complete; Old World, incl. S. Asia and Sumatra; localities indicated; partial revision.
- Z. ailanthoides** SIEB. & ZUCC.—Th. G. Hartley, J. Arn. Arb. 47 (1966) 189.
Complete; E. Asia, incl. Taiwan and Ryu Kyu Is, Philippines (Batan I.), Bonin Is; localities indicated; partial revision.
- Z. armatum** DC.—Th. G. Hartley, J. Arn. Arb. 47 (1966) 215.
Complete; Old World, incl. Asia, Luzon, Lesser Sunda Is; localities indicated; partial revision.
- Z. avicennae** (LAMK.) DC.—Th. G. Hartley, J. Arn. Arb. 47 (1966) 192.
Complete; Old World, incl. E. Asia, Malesia (E. Java, Lesser Sunda Is, Philippines, N. Borneo, Moluccas); localities indicated; partial revision.
- Z. fagara** (L.) SARG.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 745.
Partial; Galapagos Is; localities indicated; partial revision.
- Z. limonella** (DENNST.) ALSTON—Th. G. Hartley, J. Arn. Arb. 47 (1966) 199.
Complete; Old World, incl. SE. Asia, Malesia (not in Sumatra, Borneo, Moluccas); localities indicated; partial revision.
- Z. myriacanthum** WALL. ex HOOK. f.—Th. G. Hartley, J. Arn. Arb. 47 (1966) 187.
Complete; Old World, incl. Asia (from Assam eastwards), W. Malesia (not in Java); localities indicated; partial revision.
- Z. nitidum** (ROXB.) DC.—Th. G. Hartley, J. Arn. Arb. 47 (1966) 184.
Complete; Old World, incl. SE. Asia, Malesia, N. Australia; localities indicated; partial revision.
- Z. ovalifolium** WIGHT—Th. G. Hartley, J. Arn. Arb. 47 (1966) 208.
Complete; Old World, incl. S. Asia, S. Malesia, N. Australia; localities indicated; partial revision.

Z. scandens Bl.—Th. G. Hartley, J. Arn. Arb. 47 (1966) 180.

Complete; Old World, incl. Assam, China, Taiwan, Ryu Kyu Is, and W. Malesia (Sumatra, Java, Borneo); localities indicated; partial revision.

SABIACEAE

Meliosma Bl.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript), map 36.

Complete; New & Old World, incl. Centr. America, SE. Asia, Indo-Malesia (not E. of Celebes and Java); delineated; occasional.

SALICACEAE

Salix L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 112b.

Complete; Old & New World, also incl. W. Malesia (W. Philippines), S. America; delineated and shaded; occasional.

G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 441.

Complete; New & Old World, also incl. W. Malesia with Borneo and the Philippines; delineated; occasional.

SANTALACEAE

tribe **Anthoboleae**—R. Hendrych, Preslia 40 (1968) 33.

Complete; from Indo-China and the Philippines SE. to New Zealand, Pacific; delineated; partial revision.

tribe **Osyrideae**—R. Hendrych, Preslia 40 (1968) 32.

Complete; Old & New World, also incl. Indo-Malesia and Pacific; delineated; partial revision.

tribe **Thesiae**—R. Hendrych, Preslia 40 (1968) 30.

Complete; Old & New World, also incl. Sumba, E. & SE. Australia, Tasmania, S. America for Thesium L.; delineated; partial revision.

Amphorogyne STAUFF. & HÜRLIM.—R. Hendrych, Preslia 40 (1968) 32.

Complete; New Caledonia; delineated; partial revision.

Cladomyza DANSER—R. Hendrych, Preslia 40 (1968) 32.

Complete; Borneo, New Guinea; delineated; partial revision.

H. U. Stauffer, Vierteljahrsschr. Naturf. Ges. Zürich 114 (1969) 55.

Complete; from N. Borneo to Mindanao, Tenimber & Aru Is, New Guinea; delineated; partial revision.

Daenikera HÜRLIM. & STAUFF.—R. Hendrych, Preslia 40 (1968) 32.

Complete; New Caledonia; delineated; partial revision.

Dendromyza DANSER—R. Hendrych, Preslia 40 (1968) 32.

Incomprehensible; Australia; delineated; partial revision.

H. U. Stauffer, Vierteljahrsschr. Naturf. Ges. Zürich 114 (1969) 55.

Complete; throughout Malesia, excl. Lesser Sunda Is, Aru Is, and Tenimber Is, Solomons; delineated; partial revision.

- Dendrotrophe** MIQ.—H. U. Stauffer, Vierteljahrsschr. Naturf. Ges. Zürich 114 (1969) 55.
Complete; China, SE. Asia, Malesia (not in Celebes, Lesser Sunda Is, W. Moluccas, Philippines), NE. Australia; delineated; partial revision.
- Dufrenoya** CHATIN—H. U. Stauffer, Vierteljahrsschr. Naturf. Ges. Zürich 114 (1969) 55.
Complete; India, SE. Asia, Malaya, Sumatra, W. Java, Borneo; delineated; partial revision.
- Exocarpus** LABILL.—R. Good, Geogr. Fl. Pl. ed. 3 (1964) 128.
Complete; from Annam through the Philippines, Borneo, New Guinea, Australia and Tasmania, New Zealand, New Caledonia, Hawaii, Rapa, Fiji, delineated; occasional.
- R. Hendrych, Preslia 40 (1968) 33.
Complete; from Indo-China and the Philippines SE. to New Zealand, W. half Pacific; delineated; partial revision.
- Henslowia** BL.—R. Hendrych, Preslia 40 (1968) 32.
Complete; SE. Asia, Malesia, NE. Australia; delineated; partial revision.
- Hylomyza** DANSER—R. Hendrych, Preslia 40 (1968) 32.
Complete; SE. Asia, W. Malesia as far as W. half of Celebes; delineated; partial revision.
- Mida** ENDL.—R. Hendrych, Preslia 40 (1968) 32.
Complete; New Zealand, erroneously also Juan Fernandez; delineated; partial revision.
- Phacellaria** BTH.—H. U. Stauffer, Vierteljahrsschr. Naturf. Ges. Zürich 114 (1969) 55.
Complete; SE. Asia, also incl. Malaya; delineated; partial revision.
- Ph. compressa** BTH.—R. S. Rao & K. K. Ahuja, Bull. Bot. Surv. India 10 (1939) 360.
Partial; (extension of sp. in SE. Asia); delineated and localities indicated; partial revision.
- Santalum** L.—R. Hendrych, Preslia 40 (1968) 32.
Complete; India, New Guinea, Australia and E. far into the Pacific; delineated; partial revision.
- T. Tuyama & Sh. Asami, The Nature of the Bonin islands I (1970) 126.
Complete; Lesser Sunda Is, S. New Guinea, N. and E. Australia to Fiji, Bonin Is to Hawaii, Tahiti, Marquesas Is, Juan Fernandez; delineated, shaded and localities indicated; occasional.
- A. Graham (ed.), Florist. & Palaeoflorist. Asia & E. North Amer. (1972) 80.
Wrong; in reality area of Metrosideros; delineated.
- Thesium** L.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 124c.
Complete; mainly in the Old World, incl. E. Asia, Philippines, SE. Australia and Tasmania, also found in Sumba; delineated; shaded and species density; occasional.
- R. Hendrych, Preslia 40 (1968) 29, 30.
Complete; Old World, also incl. India, E. Asia, Luzon, Sumba, E. & SE. Australia, Tasmania; delineated; species density; partial revision.

Thesium L. subgen. **Thesium**—R. Hendrych, Preslia 40 (1968) 34.

Complete; Old World, also incl. Luzon, Sumba, E. & SE. Australia, Tasmania; delineated; partial revision.

subgen. **Thesium** sect. **Psilotoidia** HENDRYCH—R. Hendrych, Preslia, 40 (1968) 37.

Complete; E. Asia, Luzon, Sumba; delineated; partial revision.

subgen. **Thesium** sect. **Thesium**—R. Hendrych, Preslia 40 (1968) 37.

Complete; Old World, also incl. S. & SE. Australia; delineated; partial revision.

SAPINDACEAE

Allophylus timorensis (DC.) BL. (*Allophylus cobbe* L.)—Y. Horikawa, Atlas Jap. Flora (1972) map 198.

Complete; Ryu Kyu; localities indicated; literature + herb.

Cardiospermum corindum L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 745.

Partial; Galapagos Is; localities indicated; partial revision.

C. galapageium ROBINS. & GREENM.—I. L. Wiggins & D. M. Porter, Flora Galapagos (1971) 745.

Complete; Galapagos Is; localities indicated; partial revision.

Dimocarpus LOUR. (3 spp.)—P. W. Leenhousts, Blumea 21 (1973) 379.

Incomplete; SE. Asia, W. Malesia, incl. Philippines, Queensland; localities indicated; revision.

Dodonaea viscosa L. (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is Is (1971) 745, 751.

Partial; Galapagos Is; localities indicated; partial revision.

Pometia pinnata J. R. & G. FORST. f. **tomentosa** (BL.) JACOBS—H. Streimann, Timber Species Leaflet (Lae) no. 7 (1972).

Partial; E. New Guinea, N. Britain; shaded; field survey.

Sapindus saponaria L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 751.

Partial; Galapagos Is; localities indicated; partial revision.

SAPOTACEAE

Sapotaceae—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 43.

Complete; circumtropic, also incl. the Pacific areas; delineated; occasional; after Vester.

Beccariella azou (VAN ROYEN) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 104.

Complete; New Caledonia; localities indicated; partial revision.

B. balansana (PIERRE) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. Dépend. I (1967) 111.

Complete; New Caledonia; localities indicated; partial revision.

- B. baueri** (MONTR.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) III.
Complete; New Caledonia, incl. Ile Art, Ile des Pins; localities indicated; partial revision.
- B. brevipedicellata** (VAN ROYEN) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) III.
Complete; New Caledonia (+ Ile des Pins); localities indicated; partial revision.
- B. crebrifolia** (BAILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) III.
Complete; New Caledonia; localities indicated; partial revision.
- B. lasiantha** (BAILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 104.
Complete; New Caledonia; localities indicated; partial revision.
- B. longipetiolata** AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) III.
Complete; New Caledonia; localities indicated; partial revision.
- B. lucens** (VAN ROYEN) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 104.
Complete; New Caledonia; localities indicated; partial revision.
- B. novo-caledonica** (DUB.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) III.
Complete; New Caledonia; localities indicated; partial revision.
- B. rubicunda** (PIERRE ex BAILL.) PIERRE—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 104.
Complete; New Caledonia; localities indicated; partial revision.
- B. sebertii** (PANCHER) PIERRE—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 104.
Complete; New Caledonia; localities indicated; partial revision.
- Bureavella endlicheri** (MONTR.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 89.
Complete; New Caledonia; localities indicated; partial revision.
- B. wakere** (PANCH. & SÉB.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 89.
Complete; New Caledonia; localities indicated; partial revision.
- Corbassona deplanchei** (BAILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 70.
Complete; New Caledonia; localities indicated; partial revision.
- C. intermedia** (BAILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 70.
Complete; New Caledonia; localities indicated; partial revision.
- Iteiluma baillonii** (ZAHLB.) BAILL.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 125.
Complete; New Caledonia; localities indicated; partial revision.
- I. leptostylidifolium** (GUILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 125.
Complete; New Caledonia; localities indicated; partial revision.

- I. pinifolium** (BAILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 125.
Complete; New Caledonia; localities indicated; partial revision.
- I. rheophytopsis** (VAN ROYEN) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 125.
Complete; New Caledonia; localities indicated; partial revision.
- Leptostylyl filipes** BTH.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 21.
Complete; New Caledonia; localities indicated; partial revision.
- L. gatopensis** GUILL.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 21.
Complete; New Caledonia; locality indicated; partial revision.
- L. goroensis** AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 21.
Complete; New Caledonia; locality indicated; partial revision.
- L. grandifolia** VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 21.
Complete; New Caledonia; localities indicated; partial revision.
- L. longiflora** BTH.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 21.
Complete; New Caledonia; localities indicated; partial revision.
- L. micrantha** BEAUV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 21.
Complete; Ile Art (New Caledonia); locality indicated; partial revision.
- L. multiflora** VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 21.
Complete; New Caledonia; locality indicated; partial revision.
- L. petiolata** VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 21.
Complete; New Caledonia; Ile des Pins; localities indicated; partial revision.
- Manilkara dissecta** (L.) DUB.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 31.
Partial; New Caledonia; Loyalties; localities indicated; partial revision.
- Mimusops elengi** L.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 31.
Partial; New Caledonia; Loyalties; localities indicated; partial revision.
- Niemeyera balansae** (BAILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 70.
Complete; New Caledonia; localities indicated; partial revision.
- Ochrothallus francii** (GUILL. & DUB.) GUILL.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 55.
Complete; New Caledonia; localities indicated; partial revision.
- O. gordoniaefolius** (MOORE) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 55.
Complete; New Caledonia; localities indicated; partial revision.
- O. litseiflorus** GUILL.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 55.
Complete; New Caledonia; locality indicated; partial revision.
- O. multipetalus** (VINK) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 55.
Complete; New Caledonia; localities indicated; partial revision.

- O. sarlinii** AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 55.
Complete; New Caledonia; localities indicated; partial revision.
- O. sessilifolius** (PANCH. & SEB.) PIERRE—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 55.
Complete; New Caledonia; localities indicated; partial revision.
- Pichonia balansana** PIERRE—A. Aubréville, Fl. Nouv. Caled. et Dépend. 1 (1967) 102.
Complete; Loyalties; localities indicated; partial revision.
- Planchonella cinerea** (PANCH.) VAN ROYEN—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 149.
Complete; New Caledonia; localities indicated; partial revision.
- P. contermina** PIERRE—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 131.
Complete; New Caledonia; localities indicated; partial revision.
- P. crassinervia** DUB.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 131.
Complete; New Caledonia; localities indicated; partial revision.
- P. dänikeri** AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 131.
Complete; New Caledonia; localities indicated; partial revision.
- P. dictyoneura** (BAILL.) PIERRE—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 149.
Complete; New Caledonia; localities indicated; partial revision.
- P. kaalensis** AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 131.
Complete; New Caledonia; localities indicated; partial revision.
- P. koumaciensis** AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 149.
Complete; New Caledonia; localities indicated; partial revision.
- P. kuebiniensis** AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 149.
Complete; New Caledonia; localities indicated; partial revision.
- P. laetevirens** (BAILL.) PIERRE ex DUB.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 131.
Partial; New Caledonia; localities indicated; partial revision.
- P. lifuana** (BAILL.) PIERRE ex DUB.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 131.
Complete; New Caledonia, Loyalties; localities indicated; partial revision.
- P. linggensis** (BURCK) PIERRE—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 131.
Partial; New Caledonia, Loyalties; localities indicated; partial revision.
- P. microphylla** PIERRE ex DUB.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 149.
Complete; New Caledonia, Ile des Pins; localities indicated; partial revision.
- P. pronyensis** GUILL.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 131.
Complete; New Caledonia; localities indicated; partial revision.
- P. reticulata** (BAILL.) PIERRE—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 149.
Complete; New Caledonia; localities indicated; partial revision.

- P. saligna** MOORE.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 131.
Complete; New Caledonia; localities indicated; partial revision.
- P. skottsbergii** GUILL.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 149.
Complete; New Caledonia; locality indicated; partial revision.
- P. vieillardii** (BAILL.) DUB.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 149.
Complete; New Caledonia; localities indicated; partial revision.
- Pycnandra benthamii** BAILL.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 47.
Complete; New Caledonia; localities indicated; partial revision.
- P. carinocostata** VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 48.
Complete; New Caledonia; localities indicated; partial revision.
- P. comptonii** (MOORE) VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 47.
Complete; New Caledonia; localities indicated; partial revision.
- P. controversa** (GUILL.) VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 47.
Complete; New Caledonia; localities indicated; partial revision.
- P. chartacea** VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 48.
Complete; New Caledonia; localities indicated; partial revision.
- P. decandra** (MONTR.) VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 48.
Complete; New Caledonia; localities indicated; partial revision.
- P. fastuosa** (BAILL.) VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 47.
Complete; New Caledonia; localities indicated; partial revision.
- P. griseosepala** VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 47.
Complete; New Caledonia; locality indicated; partial revision.
- P. kaalensis** AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 47.
Complete; New Caledonia; localities indicated; partial revision.
- P. neo-caledonica** (MOORE) VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 47.
Complete; New Caledonia; locality indicated; partial revision.
- P. vieillardii** (BAILL.) VINK—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 47.
Complete; New Caledonia; localities indicated; partial revision.
- Pyriluma sphaerocarpum** (BAILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 86.
Complete; New Caledonia; localities indicated; partial revision.
- Rhamnoloma calomeris** (BAILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 89.
Complete; New Caledonia; localities indicated; partial revision.
- R. deplanchei** (BAILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 89.
Complete; New Caledonia, Ile des Pins; localities indicated; partial revision.
- R. lecomtei** (GUILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. 1 (1967) 89.
Complete; New Caledonia; localities indicated; partial revision.

Sebertia acuminata PIERRE ex BAILL.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 79.

Complete; New Caledonia; localities indicated; partial revision.

S. gatopensis (GUILL.) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 79.

Complete; New Caledonia; localities indicated; partial revision.

Trouettea heteromera (VINK) AUBRÉV.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 79.

Complete; New Caledonia; localities indicated; partial revision.

T. lissophylla PIERRE ex BAILL.—A. Aubréville, Fl. Nouv. Caléd. et Dépend. I (1967) 79.

Complete; New Caledonia; localities indicated; partial revision.

SAURAUIACEAE

Saurauia WILLD.—D. H. Mai, Wiss. Zeitschr. Fr. Schiller Univ. Jena, Math.-Nat. R. 19 (1970) 391.

Complete; tropical Americas and SE. Asia to S. Japan, also incl. Indo-Malesia, NE. Australia and Fiji; delineated; occasional; fossil finds.

SAURURACEAE

Houttuynia cordata THUNB.—H. Kanai, J. Fac. Sc. Univ. Tokyo 8 (1963) 317.

Complete; Old World, Asia, Japan, Java; localities indicated; occasional.

SAXIFRAGACEAE

Saxifragaceae s.l.—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 199c.

± Complete; Old & New World, also incl. Indo-Malesia, Bismarck Arch., W. and E. Australia, Tasmania, New Zealand, New Caledonia; (Pacific only partly on the map); delineated; occasional.

Saxifragaceae (some groups)—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 374.

Partial; from Africa to New Zealand; delineated; occasional.

Corokia A. CUNN.—R. H. Eyde, Amer. J. Bot. 53 (1966) 834.

Complete; E. Australia, S. Pacific (Lord Howe I., New Zealand, Chatham Is, Rapa); delineated and localities indicated; systematic anatomy.

Escallonia MUTIS—H. Sleumer, Verh. Kon. Ned. Akad. Wet. II, 58 (1968) 12.

Complete; S. & C. America, Juan Fernandez; delineated; monograph.

Hydrangea L.—G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 7.

Complete; New & Old World, also incl. Sumatra, Java, Philippines; shaded; occasional.

Philadelphus L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 60.

Complete; New & Old World, also incl. E. Asia and Japan, W. coast N. and Centr. America; delineated; occasional.

Quintinia A. DC.—M. M. J. van Balgooy, *Blumea Suppl.* 6 (1971) 68.

Complete; E. Malesia, E. Australia, New Zealand, New Caledonia, New Hebrides; delineated; occasional.

Ribes L.—R. F. Thorne, *Quart. Rev. Biol.* 47 (1972) 379.

Complete; circum pacific, not in Malesia and Australia; shaded; after Hutchinson.

R. lacustre (PERS.) POIR.—E. Hultén, *Flora of Alaska* (1968) 590.

Complete; E. Asia, N. America; delineated and localities partly indicated; partial revision.

SCROPHULARIACEAE

Alectra THUNB.—G. Dawson, *Rev. Mus. de la Plata n.s. Secc. Bot.* 11 (1968) unnumbered map, facing p. 128.

Complete; pantropical; S. & Centr. America, W. Indies, Africa to Asia, also incl. Malesia and NW. Australia; delineated; partial revision.

Bacopa AUBL.—G. Dawson, *Rev. Mus. de la Plata n.s. Secc. Bot.* 11 (1968) unnumbered map, facing p. 128.

± Complete; from the Americas through Africa, S. & SE. Asia, Malesia, N. Australia (actually also in Pacific); delineated; partial revision.

Buchnera L.—G. Dawson, *Rev. Mus. de la Plata n.s. Secc. Bot.* 11 (1968) unnumbered map, facing p. 128.

Complete; from the Americas through Africa to S. Asia, Malesia, and N. Australia; delineated; partial revision.

Calceolaria L.—G. Dawson, *Rev. Mus. de la Plata n.s. Secc. Bot.* 11 (1968) unnumbered map, facing p. 128.

Complete; C. and S. America; delineated; partial revision.

C. meistantha PENNELL—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 437.

Partial; Galapagos Is; localities indicated; partial revision.

Capraria L.—G. Dawson, *Rev. Mus. de la Plata n.s. Secc. Bot.* 11 (1968) unnumbered map, facing p. 128.

Complete; Africa, America; delineated; partial revision.

C. biflora L.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 437.

Partial; Galapagos Is; localities indicated; partial revision.

C. peruviana BTH.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 445.

Partial; Galapagos Is; localities indicated; partial revision.

Castilleja MUTIS—G. Dawson, *Rev. Mus. de la Plata n.s. Secc. Bot.* 11 (1968) unnumbered map, facing p. 128.

Complete; N. hemisphere, S. America; delineated; partial revision.

C. arvensis CHAM. & SCHLECHT.—I. L. Wiggins & D. M. Porter, *Flora Galapagos Is* (1971) 445.

Partial; Galapagos Is; localities indicated; partial revision.

Cyrtandomoea ZOLL.—B. L. Burtt, Bull. Bot. Surv. India 7 (1965) 76.

Complete; Old World, Indo-Malesia (SE. Asia, Sumatra, Borneo); delineated; monograph.

Dopatrium junceum BUCH.-HAM. ex BTH.—F. N. Hepper, Webbia 19 (1965) 609.

Complete; Old World, incl. Indo-Malesia (not Lesser Sunda Is, Celebes and E. of it); shaded (other species also); occasional.

Euphrasia (TOURN.) L.—G. E. du Rietz, Svensk Bot. Tidskr. 42 (1948) 114.

Complete; Old & New World, also incl. Indo-Malesia, Pacific (New Zealand, Juan Fernandez); localities indicated and shaded; after Du Rietz 1940.

Euphrasia (TOURN.) L. (digitate + subdigitate leaved spp.)—G. E. du Rietz, Svensk Bot. Tidskr. 42 (1948) 113.

Complete; Old & New World, SE. Australia and Tasmania, Pacific (New Zealand), Chile, Falkland Is; localities indicated; partial revision.

Euphrasia (TOURN.) L.—C. G. G. J. van Steenis, Proc. R. Soc. B 161 (1964) 13.

Partial; part of New & Old World, also incl. Malesia (N. to E.), S. Australia, Tasmania, New Zealand, Juan Fernandez, S. America; shaded and localities indicated; species density; occasional.

L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 250, and Mem. Soc. Brot. 20 (1968) 278.

Partial; part of Old World, also incl. Malesia (N. to E.), S. Australia, Tasmania, New Zealand; shaded; after Van Steenis 1964.

N. T. Burbidge, Austr. J. Bot. 8 (1960) 180.

Complete; Old & New World, also incl. Malesia and Pacific; shaded and localities indicated; partial revision; after Du Rietz 1940, repr. 1948.

G. Dawson, Rev. Mus. de la Plata n.s. Secc. Bot. 11 (1968) unnumbered map, facing p. 128.

Complete; New & Old World, also incl. E. Malesia, S. & SE. Australia, Tasmania, New Zealand, W. coast S. America; delineated; partial revision.

R. Schnell, Introd. Phytogéogr. Pays trop. 1 (1970) 140.

Complete; New & Old World; delineated; occasional; after Van Steenis 1962.

C. G. G. J. van Steenis, Blumea 19 (1971) 92; in Valentine (ed.), Taxon. Phytogeogr. & Evol. (1972) 285.

Complete; Old & New World, also incl. N., Centr. and E. Malesia, New Guinea, S. Australia, Tasmania, New Zealand, Juan Fernandez, S. America; localities indicated; occasional.

R. F. Thorne, Quart. Rev. Biol. 47 (1972) 379.

Complete; bipolar, incl. Malesia, New Zealand, Juan Fernandez; shaded and localities indicated; after Du Rietz and Pac. Pl. Ar.

E. Hultén, Flora of Alaska (1968) 814.

Partial (2 spp.); N. America to Japan; delineated and localities indicated; partial revision.

Galvezia leucantha WIGGINS (+ vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 445.

Complete; Galapagos Is; localities indicated; partial revision.

Hebe COMM. ex JUSS.—G. Dawson, Rev. Mus. de la Plata n.s. Secc. Bot. 11 (1968) unnumbered map, facing p. 128.

Complete; New Guinea, E. Australia, Tasmania, New Zealand, S. South America; delineated; partial revision.

H. salicifolia (FORST. f.) PENNELL—E. J. Godley, Revista Universitaria (Univ. Catol. Chile) 48 (1963) facing p. 35.

Complete; Chile and New Zealand; delineated; monograph.

Jovellana RUIZ et PAVON—G. Dawson, Rev. Mus. de la Plata n.s. Secc. Bot. 11 (1968) unnumbered map, facing p. 128.

Complete; New Zealand, Chile; delineated; partial revision.

Limnophila R. BR.—D. Philcox, Kew Bull. 24 (1970) 104.

Complete; Old World, also incl. SE. & E. Asia, Malesia, Pacific; shaded; revision.

D. Philcox, Kew Bull. 24 (1970) 123.

Partial; Africa (6 endemic spp.); localities indicated; revision.

L. aromatica (LAMK.) MERR.—D. Philcox, Kew Bull. 24 (1970) 147.

Complete; S. & SE. Asia (not Malaya), Malesia, N. Australia; localities indicated; revision.

L. chinensis (OSB.) MERR.—D. Philcox, Kew Bull. 24 (1970) 152.

Complete; S. & E. Asia, Malesia (not E. of Java and Celebes), N. Australia; localities indicated; revision.

L. erecta BTH.—D. Philcox, Kew Bull. 24 (1970) 160.

Complete; SE. Asia, Malaya, W. Java, Borneo; localities indicated; revision.

L. fragrans (FORST. f.) SEEM.—D. Philcox, Kew Bull. 24 (1970) 137.

Complete; Philippines, Moluccas, New Guinea and adjacent islands, N. Australia, Pacific; localities indicated; revision.

L. glabra (BENJ.) KERR—D. Philcox, Kew Bull. 24 (1970) 113.

Complete; Thailand, Malaya, Bangka; localities indicated; revision.

L. helferi HOOK. f.—D. Philcox, Kew Bull. 24 (1970) 142.

Complete; Burma, Tenasserim; localities indicated; revision.

L. heterophylla (ROXB.) BTH.—D. Philcox, Kew Bull. 24 (1970) 113.

Complete; SE. Asia, Malaya, Borneo; localities indicated; revision.

L. hippuridoïdes PHILCOX—D. Philcox, Kew Bull. 24 (1970) 147.

Complete; Malaya; localities indicated; revision.

L. indica (L.) DRUCE—D. Philcox, Kew Bull. 24 (1970) 117.

Complete; Old World, also incl. S. & SE. Asia, Malesia (not Sumatra, Borneo), N. Australia, Marianas; shaded; revision.

L. laxa BTH.—D. Philcox, Kew Bull. 24 (1970) 155.

Complete; Penins. SE. Asia, Siberut I. (W. of Sumatra); localities indicated; revision.

- L. micrantha** (BTH.) BTH.—D. Philcox, Kew Bull. 24 (1970) 142.
Complete; S. & SE. Asia, Malaya; localities indicated; revision.
- L. obovata** MERR.—D. Philcox, Kew Bull. 24 (1970) 137.
Complete; Borneo, Philippines (Palawan); localities indicated; revision.
- L. repens** (BTH.) BTH.—D. Philcox, Kew Bull. 24 (1970) 155.
Complete; S. & SE. Asia, Malesia (not E. of Celebes and Java); localities indicated; revision.
- L. rugosa** (ROTH) MERR.—D. Philcox, Kew Bull. 24 (1970) 130.
Complete; S. & E. Asia, Malesia (not Lesser Sunda Is, Celebes, Moluccas), adjacent islands New Guinea, Polynesia; localities indicated; revision.
- L. sessiliflora** BL.—D. Philcox, Kew Bull. 24 (1970) 113.
Complete; S. & E. Asia, Singapore, Java, Borneo, Marianas; localities indicated; revision.
- L. stolonifera** (BLANCO) MERR.—D. Philcox, Kew Bull. 24 (1970) 152.
Complete; Philippines (Luzon); localities indicated; revision.
- L. villifera** MiQ.—D. Philcox, Kew Bull. 24 (1970) 142.
Complete; Malaya, Sumatra; localities indicated; revision.
- L. villosa** BL.—D. Philcox, Kew Bull. 24 (1970) 142.
Complete; Sumatra, W. Java, Sarawak; localities indicated; revision.
- Limosella lineata** GLUCK—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map II.
Complete; S. hemisphere, also incl. S. Australia, Tasmania, New Zealand, Auckland Is; delineated; occasional.
- Lindernia anagallidea** (MICX.) PENNELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 445.
Partial; Galapagos Is; localities indicated; partial revision.
- L. angustifolia** (BTH.) WETTST. (as *Vandellia angustifolia* BTH.)—A. Pirola, Riv. Il Riso (1964) 13.
Complete; Japan and islands S. of it; delineated; occasional.
- L. pyxidaria** ALL.—A. Pirola, Riv. Il Riso (1964) 13.
Complete; Eurasia, incl. Japan, Taiwan, Mal. Pen., N. Luzon; delineated; occasional.
- Mecardonia RUIZ & PAV.**—G. Dawson, Rev. Mus. de la Plata n.s. Secc. Bot. 11 (1968) unnumbered map, facing p. 128.
Complete; America; delineated; partial revision.
- M. dianthera** (Sw.) PENNELL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 452.
Partial; Galapagos Is; localities indicated; partial revision.
- Mimulus** L.—G. Dawson, Rev. Mus. de la Plata n.s. Secc. Bot. 11 (1968) unnumbered map, facing p. 128.
Complete; Americas, Asia, E. Australia, Tasmania, New Zealand; delineated; partial revision.

M. nepalensis BTH. (*M. tenellus* BUNGE)—H. Kanai, J. Fac. Sc. Univ. Tokyo 8 (1963) 324.
Partial; Asia, Japan; localities indicated; occasional.

Ourisia Juss.—G. Dawson, Rev. Mus. de la Plata n.s. Secc. Bot. 11 (1968) unnumbered map, facing p. 128.

Complete; SE. Australia, Tasmania, New Zealand, S. South America; delineated; partial revision.

Scoparia dulcis L.—G. Dawson, Rev. Mus. de la Plata n.s. Secc. Bot. 11 (1968) unnumbered map, facing p. 128.

Complete; pantropical (ruderal plant); delineated; partial revision.

I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 452.

Partial; Galapagos Is; localities indicated; partial revision.

Stemodia L.—G. Dawson, Rev. Mus. de la Plata n.s. Secc. Bot. 11 (1968) unnumbered map, facing p. 128.

Complete; from the Americas through Africa, SE. Europe to Asia and Malesia, N. Australia; delineated; partial revision.

S. verticillata (MILL.) SPRAGUE—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 452.

Partial; Galapagos Is; localities indicated; partial revision.

Vandellia angustifolia BTH. see under *Lindernia angustifolia* (BTH.) WETTST. (A. Pirola 1964).

SIMAROUBACEAE

Ailanthus DESF.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 30.

Complete; SE. Asia, incl. Japan, Centr. Malesia, Bismarck Arch., E. Australia; delineated; occasional.

E. D. Zaklinskaja, Izv. Akad. Nauk SSSR, sér. géol. 10 (1958) 80 (n.v.).

Complete; World.

A. altissima (MILL.) SWINGLE—Th. Schmucker, Silvae Orbis, C.I.S. Berlin (1942) map 235.

Complete; Asia; delineated; occasional.

A. aff. altissima (MILL.) SWINGLE—H. Tralau, Kungl. Sv. Vet. Ak. Handl. IV, 9 (1963) 53.

± Complete; China, Korea; delineated; occasional; fossil localities in New & Old World; after Schmucker 1942.

H. Meusel, Beitr. z. Abst. Lehre 2, Berlin (1965) 10 (n.v.).

Complete; N. hemisphere; delineated; also fossil localities indicated.

A. triphysa (DENNST.) ALST.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 76.

Complete; SE. Asia, Centr. Malesia; delineated; occasional; after Fl. Mal.

Castela galapageia HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 751.

Complete; Galapagos Is; localities indicated; partial revision.

Harrisonia brownii Juss.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 76.
 ± Complete; SE. Asia, Malesia; delineated; occasional; after Fl. Mal.

H. perforata (BLANCO) MERR.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 76.
 Complete; Andamans, E. Malesia, N. Australia; delineated; occasional; after Fl. Mal.

SMILACACEAE see Liliaceae

SOLANACEAE

Acnistus ellipticus HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 452.
 Complete; Galapagos Is; localities indicated; partial revision.

Browallia americana L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 461.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.

Cacabus miersii (HOOK. f.) WETTST.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 461.
 Partial; Galapagos Is; localities indicated; partial revision.

Capsicum frutescens L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 461.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.

C. galapagoense HUNZ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 461.
 Complete; Galapagos Is; localities indicated; partial revision.

C. pendulum WILLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 461.
 Partial; Galapagos Is (introd.); locality indicated; partial revision.

Datura arborea L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 466.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.

D. stramonium L. (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 466.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.

Grabowskia boerhaaviaefolia (L. f.) SCHLECHT.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 466.
 Partial; Galapagos Is; localities indicated; partial revision.

Lycium griseolum KOIDZ.—Y. Horikawa, Atlas Jap. Flora (1972) map 344.
 Complete; Bonin, Daito I. (E. of Ryu Kyu); localities indicated; literature + herb.

L. minimum HITCHC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 466.
 Complete; Galapagos Is; localities indicated; partial revision.

Lycopersicon cheesmanii RILEY—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 469.
 Complete; Galapagos Is; localities indicated; partial revision.

Nicandra physalodes (L.) GAERTN.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 472.
 Partial; Galapagos Is (introd.); localities indicated; partial revision.

- Nicotiana glutinosa** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 472.
Partial; Galapagos Is; locality indicated; partial revision.
- N. tabacum** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 472.
Partial; Galapagos Is (introd.); localities indicated; partial revision.
- Physalis angulata** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 472.
Partial; Galapagos Is; localities indicated; partial revision.
- Ph. galapagoensis** WATERFALL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 472.
Complete; Galapagos Is; localities indicated; partial revision.
- Ph. pubescens** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 478.
Partial; Galapagos Is; localities indicated; partial revision.
- Solanum edmonstonei** HOOK. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 478.
Complete; Galapagos Is; localities indicated; partial revision.
- S. erianthum** D. DON—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 478.
Partial; Galapagos Is; localities indicated; partial revision.
- K. E. Roe, Brittonia 24 (1972) 257.
Complete; C. America, Caribbean, W. Africa; Asia through Malesia to Pacific and E. Australia (adventive); localities indicated; revision.
- S. mauritianum** SCOP.—K. E. Roe, Brittonia 24 (1972) 258.
± Complete; World, incl. Java, New Caledonia, Polynesia; localities indicated; partial revision.
- S. nigrum** L.—E. Hultén, The Circumpolar Plants (Kungl. Sv. Vet. Akad. Handl. IV, 13, I, 1971) 266, 393.
Partial; holarctic region, other localities mentioned in text and on map; delineated and localities indicated; literature.
- S. nodiflorum** JACQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 478.
Partial; Galapagos Is; localities indicated; partial revision.
- S. quitoense** LAMK.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 478.
Partial; Galapagos Is; localities indicated; partial revision.

SONNERATIACEAE

- Duabanga grandiflora** WALP.—G. Klotz, Wissensch. Zeitschr. M. Luther Univ. Halle 7 (1966) map 7.
Complete; E. India to Malaya; localities indicated; occasional.
- D. grandiflora** (ROXB. ex WALL.) WALP. (in the legend as 'multiflora')—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 176.
Complete; SE. Asia and Malaya; delineated; after Fl. Mal.

- D. moluccana** BL.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 176.
Complete; Malesia, from Borneo eastwards; delineated; after Fl. Mal.
- Sonneratia** L. f.—E. B. Leopold, U. S. Geol. Survey Profess. Paper 260-II (1969) 1148.
Partial; India, Malesia, N. Australia, W. Pacific; also incl. fossil localities; occasional.
- R. F. Thorne, Quart. Rev. Biol. 47 (1972) 387.
Complete; from E. Africa to Micronesia and New Caledonia; delineated and shaded; after Pac. Pl. Ar.
- S. alba** J. E. SMITH—J. Muller, Pollen et Spores 11 (1969) 224.
Complete; Old World, from E. Africa to N. Australia and the Indo-Pacific; delineated; partial revision.
- J. Muller, Pollen et Spores 11 (1969) 241.
Complete (dominant subtypes); from E. Africa to New Caledonia; localities indicated; partial revision.
- V. J. Chapman, Trop. Ecol. 11 (1970) 13.
Complete; from E. Africa to N. Australia and Melanesia; delineated; literature.
- Y. Horikawa, Atlas Jap. Flora (1972) map 237.
Partial; Ryu Kyu; localities indicated; literature + herb.
- S. alba** hybrids (**x S. ovata**, and **x S. caseolaris**)—V. J. Chapman, Trop. Ecol. 11 (1970) 13.
Complete; NW. Borneo (Brunei); delineated; literature.
- S. apetala** HAM.-BUCH.—J. Muller, Pollen et Spores 11 (1969) 224.
Complete; SE. Asia (India to Burma); delineated; partial revision.
- S. caseolaris** (L.) ENGLER—J. Muller, Pollen et Spores 11 (1969) 224.
Complete; from Ceylon through SE. Asia and Malesia to NE. Queensland and islands E. of New Guinea; delineated; partial revision.
- V. J. Chapman, Trop. Ecol. 11 (1970) 13.
Complete; from India to E. of New Guinea, and N. Australia; delineated; literature.
- S. griffithii** KURZ—J. Muller, Pollen et Spores 11 (1969) 224.
Complete; from Bengal to SE. Asia, incl. Andamans and W. Malaya; delineated; partial revision.
- V. J. Chapman, Trop. Ecol. 11 (1970) 13.
Complete; Bengal, Burma, Andamans, and W. Mal. Pen.; delineated; literature.
- S. ovata** BACKER—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 4 (1968) 176.
± Complete; Malesia (isolated localities); localities indicated; occasional.
- J. Muller, Pollen et Spores 11 (1969) 224.
Complete; from SE. Asia to New Guinea (not Lesser Sunda Is, and Philippines); delineated; partial revision.
- V. J. Chapman, Trop. Ecol. 11 (1970) 13.
Complete; SE. Asia, Malaya to Java, S. Celebes and S. New Guinea; delineated; literature.

SPARGANIACEAE

Sparganiaceae—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 23b.

Complete; N. hemisphere and SE. Australia, Tasmania, New Zealand; delineated; occasional.

H. Walter/H. Straka, Arealkunde, Einführung i. d. Phytologie III/2, Stuttgart (1970) 35. Complete; after Vester.

STACHYURACEAE

Stachyurus SIEB. & ZUCC. (several spp.)—H. Kanai, J. Fac. Sc. Univ. Tokyo 8 (1963) 327.

Complete; E. Asia (incl. Japan), Bonin; localities indicated; occasional.

M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 64.

Complete; E. Asia, Bonin Is; delineated; after Li 1943.

S. praecox SIEB. & ZUCC.—Y. Horikawa, Atlas Jap. Flora (1972) map 226.

Partial; Japan, Ryu Kyu; localities indicated; literature + herb.

STERCULIACEAE

Heritiera littoralis DRYAND.—Y. Horikawa, Atlas Jap. Flora (1972) map 213.

Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.

Melochia L.—A. Goldberg, Contr. U.S. Nat. Herb. 34 (1967) 194, 195.

Partial; S., C. & N. America; localities indicated; revision.

A. Goldberg, Contr. U.S. Nat. Herb. 34 (1967) 198.

Partial; Asia, N. half of Malesia; localities indicated; revision; literature.

A. Goldberg, Contr. U. S. Nat. Herb. 34 (1967) 199.

Partial; SE. Asia, through Malesia to E. New Guinea and Melanesia, NE. Australia; localities indicated; revision; literature.

A. Goldberg, Contr. U. S. Nat. Herb. 34 (1967) 200.

Partial; Africa and Madagascar; localities indicated; revision; literature.

Pterocymbium beccarii K. SCHUM.—H. Streimann, Timber Species Leaflet (Lae) 10 (1972).

Partial; E. New Guinea, N. Brit.; shaded; field survey.

Waltheria ovata CAV.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 751.

Partial; Galapagos Is; localities indicated; partial revision.

STRASBURGERIACEAE

Strasburgeria BAILL.—M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 72.

Complete; New Caledonia; locality indicated; occasional.

STYLDIACEAE

Styldiaceae (5 genera)—R. Good, Geogr. Fl. Pl. 3 (1964) 51.

Complete; SE. Asia, Malesia, S. Australia, Tasmania, New Zealand, S. America; delineated; occasional.

Donatia FORST.—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. 12 (1964) 38.

Complete; New & Old World, also incl. Fuegia, Tasmania, New Zealand; delineated; occasional.

Liparophyllum gunnii HOOK. f.—C. J. Burrows, Tuatara 13 (1965) 17.

Complete; New Zealand; localities indicated; occasional.

Oreostylium subulatum (HOOK. f.) BERGGR.—J. Burrows, Tuatara 13 (1965) 17.

Complete; New Zealand; localities indicated; occasional.

Phyllachne J. R. & G. FORST.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 206.

Complete; Tasmania, New Zealand and subantarctic Islands, Fuegia; shaded; literature.

STYRACACEAE

Styracaceae—G. Krüssmann, Handb. d. Laubgehölze 2 (1962) 507.

Incomplete; New & Old World, also incl. SE. Asia, W. Malesia with Philippines (actually reaching the Solomons); delineated; occasional.

Styrax L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 42.

Complete; New & Old World, also incl. E. Asia and Japan, Indo-Malesia (Sumatra, Malaya, Java); delineated; occasional.

S. japonica SIEB. & ZUCC.—Y. Horikawa, Atlas Jap. Flora (1972) map 314.

Partial; Japan, Ryu Kyu; localities indicated; literature + herb.

SYMPLOCACEAE

Symplocaceae—F. Kirchheimer, Palaeontographica Abt. B. 37 (1949) 90.

Complete; New & Old World, also incl. Indo-Malesia (from India to Japan, E. Australia and W. Pacific; delineated and fossil localities indicated; fossil Symploc. and literature.

R. C. McLean & W. R. Ivimey-Cook, Textbook of Theor. Bot. 3 (1967) 2538.

Complete; New & Old World, also incl. SE. Asia, Malesia, NE. Australia, W. Pacific (Melanesia); delineated and fossil localities indicated; after Kirchheimer 1949.

Symplocos JACQ.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 41.

Complete; New & Old World, also incl. SE. Asia, Indo-Malesia, E. Australia, SW. Pacific; delineated; after Vester.

D. H. Mai, in Fedde Rep. 70 (1965) 160.

Complete (incl. fossils); New & Old World, C. and S. America and Indo-Australia; also incl. S. Japan and W. Pacific; delineated; after Kirchheimer 1949.

R. F. Thorne, Trop. For. Ecosyst. in Afr. & S. Amer. (1973) 37.

Complete; Old & New World, incl. Indo-Australia, W. Pacific; delineated and shaded; after Vester 1940, modified.

S. cochinchinensis (LOUR.) MOORE—Y. Horikawa, Atlas Jap. Flora (1972) map 310.

Partial; Ryu Kyu; localities indicated; literature + herb.

TACCACEAE

Tacca bibracteata DRENTH—E. Drenth, Blumea 20 (1972) 392.

Complete; Borneo (Sarawak); localities indicated; revision.

T. celebica KOORD.—E. Drenth, Blumea 20 (1972) 389.

Complete; Celebes; localities indicated; revision.

T. chantrieri ANDRÉ—E. Drenth, Blumea 20 (1972) 394.

Complete; E. India, to SE. Asia and Malaya; localities indicated; revision.

T. ebeltaiae DRENTH—E. Drenth, Blumea 20 (1972) 399.

Complete; New Guinea, Solomons; localities indicated; revision.

T. integrifolia KER-GAWL—E. Drenth, Blumea 20 (1972) 389.

Complete; NE. India through Penins. Thailand to W. Malesia (as far as Borneo); localities indicated; revision.

T. leontopetaloides (L.) O. K.—E. Drenth, Blumea 20 (1972) 379.

Complete; Africa to SE. Asia, Malesia, N. Australia, Pacific; localities indicated; revision.

T. palmata BL.—E. Drenth, Blumea 20 (1972) 399.

Complete; SE. Asia, Malesia (not E. of the Moluccas); localities indicated; revision.

T. palmatifida BAKER—E. Drenth, Blumea 20 (1972) 392.

Complete; Celebes; localities indicated; revision.

T. plantaginea (HANCE) DRENTH—E. Drenth, Blumea 20 (1972) 392.

Complete; China to Thailand; localities indicated; revision.

TAXACEAE see Coniferae

THEACEAE

Theaceae—H. Meusel, in Gersch, Vortr. mod. Probl. Abst. Lehre 1 (1965) 125.

Partial; New & Old World, also incl. SE. Asia and Japan, Malesia, N. Australia, not exactly indicated in the Pacific; delineated and hatched; occasional; partly after Vester, 1940.

Camellia L.—G. Krüssmann, Handb. d. Laubgehölze 1 (1960) 261.

Complete; SE. Asia, W. Malesia; shaded; occasional.

Camellia L. (incl. *Thea*)—T. Tuyama & Y. Futakuchi, Camellia cultivars of Japan (1966) 456.

± Complete; Centr. and E. Asia, Indonesia (not E. of Celebes), part of the Philippines; delineated; on the map several continental sp. areas are drawn; partial revision.

Eurya THUNB.—M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 174.

Complete; Indo-Malesia, Pacific; delineated; Pacific localities indicated; literature + herb.

E. japonica THUNB. var. *japonica*—Y. Horikawa, Atlas Jap. Flora (1972) map 220.

Partial; Japan to Taiwan; localities indicated; literature + herb.

Ploiarium KORTH., **Tetramerista** MIQ.—B. Maguire, Mem. N. Y. Bot. Gard. 23 (1972) 167.

Complete; W. Malesia; roughly delineated.

Schima wallichii (DC.) KORTH.—Y. Horikawa, Atlas Jap. Flora (1972) map 222.

Partial; Ryu Kyu; localities indicated; literature + herb.

Ternstroemia japonica THUNB.—Y. Horikawa, Atlas Jap. Flora (1972) map 223.

Partial; Japan to Taiwan; localities indicated; literature + herb.

THYMELAEACEAE

Daphne L. sect. **Daphanthes** A. C. MEY. subsect. **Daphanthoides** (GILG) KEISSLER—H. Meusel, Flora Abt. B., 158 (1969) 539 (E. Jäger).

Complete; C. & E. Asia, Luzon; delineated and shaded; occasional.

E. Jäger, in P. H. Davis *et al.* (ed.), Plant Life in South-West Asia (1971) 58.

Complete; Asia, N. Philippines; delineated; localities indicated; occasional.

Drapetes BANKS ex LAMK. s.l.—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. 12 (1964) 39.

Complete; Old & New World, incl. Malesia (from Borneo eastwards), SE. Australia, Tasmania, New Zealand, S. America; delineated; occasional.

C. G. G. J. van Steenis, Proc. R. Soc. B 161 (1964) 11.

Complete; N. Borneo, New Guinea, SE. Australia, Tasmania, New Zealand, S. America; delineated and localities indicated; occasional.

E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 187.

Complete; Borneo, New Guinea, SE. Australia (+ Tasmania), New Zealand, Fuegia + Falkland Is; delineated; literature + herb.

D. laxus (CHEESEM.) ALLAN—J. Burrows, Tuatara 13 (1965) 11.

Complete; New Zealand; localities indicated; occasional.

Gonystylus macrophyllus (MIQ.) AIRY SHAW—T. C. Whitmore, Philos. Trans. R. Soc. Lond. ser. B, 255 (1969) 552.

± Complete; Malesia to Fiji; Nicobars not indicated; delineated; occasional.

Gyrinops GAERTN.—L. Croizat, Atti Ist. Bot. Univ. Pavia VI, 5 (1969) 64.

Complete; Ceylon, E. Malesia; delineated; after Fl. Mal.

Pimelea BANKS & SOL. ex GAERTN.—E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 188.
Complete; Australia, New Zealand, Malesia; shaded and localities indicated; literature + herb.

P. aridula COCK.—J. Burrows, Tuatara 13 (1965) 15.
Complete; New Zealand; localities indicated; occasional.

Wikstroemia retusa A. GRAY—Y. Horikawa, Atlas Jap. Flora (1972) 228.
Partial; Ryu Kyu; localities indicated; literature + herb.

TILIACEAE

tribe **Brownlowieae**—D. I. Axelrod, Bot. Rev. 36 (1970) 302.
Complete; Costa Rica and Old World tropics, also incl. Malesia to New Guinea and Pacific Is; delineated; occasional.

tribe **Corchoropsideae**—D. I. Axelrod, Bot. Rev. 36 (1970) 302.
Incorrect; E. Asia and Philippines (in the text only in E. Asia); delineated; occasional.

tribe **Grewieae**—D. I. Axelrod, Bot. Rev. 36 (1970) 302.
Complete; pantropic, also incl. Malesia and New Guinea, N. Australia, Pacific; delineated (united with 2 other tribes); occasional.

tribe **Tilieae**—D. I. Axelrod, Bot. Rev. 36 (1970) 302.
Complete; pantropic, also incl. Malesia, Borneo, Java (gives a wider range on the map); delineated; occasional.

tribe **Triumfetteae**—D. I. Axelrod, Bot. Rev. 36 (1970) 302.
Complete; pantropic, also incl. Malesia and Pacific; delineated (united with 2 other tribes); occasional.

Corchorus orinocensis HBK—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 761.
Partial; Galapagos Is; localities indicated; partial revision.

Triumfetta semitriloba JACQ.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 761.
Partial; Galapagos Is; localities indicated; partial revision.

TRIGONIACEAE

Trigoniaceae—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 384.
Complete; Madagascar, W. Malesia, America; shaded; partly after Vester.

TRIMENIACEAE

Trimenia SEEM.—M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 68.
Complete; E. Malesia, Pacific; delineated; occasional.

M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 179.
Complete; localities indicated; after Rodenburg.

- T. neocaledonia** BAKER f.—W. F. Rodenburg, Blumea 19 (1971) 8.
Complete; New Caledonia; locality indicated; revision.
- M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 179.
Complete; New Caledonia; localities indicated; after Rodenburg.
- T. papuana** RIDL.—W. F. Rodenburg, Blumea 19 (1971) 8.
Complete; Celebes, Moluccas, New Guinea; localities indicated; revision.
- M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 179.
Complete; E. Malesia; Celebes to New Guinea; localities indicated; after Rodenburg.
- T. weinmanniifolia** SEEM. (3 spp.)—W. F. Rodenburg, Blumea 19 (1971) 8.
Complete; New Britain, Solomons to the Marquesas; localities indicated; revision.
- M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 179.
Complete; Bismarcks to Marquesas; localities indicated; after Rodenburg.

TRISTICHACEAE see Podostemaceae

TURNERACEAE

- Turneraceae**—J. Hutchinson, Evol. & Phylog. Fl. Pl. (1969) 217.
Complete; tropics Centr. and S. America, and Africa (in the legend the occurrence of some naturalized members in Indo-Malesia is mentioned); delineated; occasional.

TYPHACEAE

- Typhaceae**—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 23b.
Complete; New & Old World, incl. N. Sumatra, Java, Timor, New Guinea, Fiji Is; delineated; occasional.

ULMACEAE

- Ulmaceae**—Meusel, Jäger, Weinert, Chorologie Zentr. Europ. Flora (1965) Karten, 123b.
± Complete; Old & New World, also incl. Asia, Malesia, N. & E. Australia, Solomons; delineated, shaded and species density; occasional.

- Aphananthe** PLANCH.—J. F. Leroy, Bull. Mus. Nat. Hist. Nat. Paris 18 (1946) 181.
Complete; Madagascar, SE. Asia, Japan, Malesia (not Java, Sumatra, New Guinea), E. Australia; generic area delineated; species indicated by shading; monograph.

- sect. **Aphananthe**—I. Grudzinskaja, Nov. Syst. Plant. vasc. 'Nauka' (1964) 65.
Complete; E. Asia, Philippines, Bismarck Arch., Solomons, NE. Australia; delineated; partial revision.

- sect. **Galumpita** (BL.) GRUDZ.—I. Grudzinskaja, Nov. Syst. Plant. vasc. 'Nauka' (1964) 67.
Complete; SE. Asia, Malesia (Philippines, Java, Celebes); delineated; partial revision.

Celtis L.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 7.

Complete; New & Old World, incl. S. and E. Asia, Indonesia (not Borneo), NE. Australia, W. Pacific; delineated; occasional; after Ch. Bernard.

Gironniera GAUD. sect. *Galumpitoides* GRUDZ.—I. Grudzinskaja, Nov. Syst. Plant. vasc. 'Nauka' (1964) 61.

Complete; Indo-Malesia (not in Celebes, Lesser Sunda Is, E. New Guinea), Pacific (Solomons); delineated; partial revision.

sect. *Gironniera*—I. Grudzinskaja, Nov. Syst. Plant. vasc. 'Nauka' (1964) 60.

Complete; Malesia (Philippines, Bismarck Arch.), Pacific (Solomons, Fiji, Samoa); delineated; partial revision.

Parasponia MiQ.—H. R. Papy, Trav. Lab. For. Toulouse, Tome 5, sect. 2, vol. 1, art. 3 (1955) facing p. 294.

± Complete; Old World, incl. Malesia, Pacific (Solomons, Fiji, Society Is); localities ± indicated; occasional; not all described spp. indicated.

Trema micrantha (L.) Bl.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 241.

Partial; Galapagos Is; locality indicated; partial revision.

T. orientalis (L.) Bl.—Y. Horikawa, Atlas Jap. Flora (1972) map 47.

Partial; Ryu Kyu, Bonin; localities indicated; literature + herb.

Ulmus L.—Th. Schmucker, Silvae Orbis, C.I.S. Berlin (1942) map 155.

Complete; Eurasia and N. America; delineated; occasional.

R. Scharfetter, Biogr. Pflanzensippen (1953) 99.

Complete (3 spp.); Old & New World (N. hemisphere, not within the tropics); delineated and shaded, fossil localities indicated; occasional.

UMBELLIFERAE

Umbelliferae—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 389.

Complete; New & Old World, also incl. Asia, Indo-Malesia, S. & E. Australia, New Zealand, Pacific (New Hebrides, Hawaii Is); delineated; species density; partial revision.

Umbelliferae (5 genera) migration patterns—J. W. Dawson, Bot. J. Linn. Soc. 64, Suppl. 1 (1971) 45.

Partial; New Zealand; arrows; occasional.

subfam. Apioideae—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 389.

Complete; New & Old World, also incl. Japan, Indo-Malesia, S. & E. Australia, New Zealand; delineated; approx. species density; partial revision.

subfam. Hydrocotyloideae—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 387.

Complete; New & Old World, also incl. Indo-Malesia, S. & E. Australia, New Zealand, Pacific (New Hebrides, Fiji, Hawaiian Is); delineated; species density; partial revision.

subfam. *Saniculoideae*—M. E. Mathias, Ann. Mo Bot. Gard. 52 (1965) 389.

Complete; New & Old World, also incl. S. & E. Asia, W. & Centr. Malesia, S. & SE. Australia, New Zealand, Pacific (Hawaiian Is), S. & N. America; delineated; species density; partial revision.

Angelica L.—M. E. Mathias, Ann. Mo Bot. Gard. 52 (1965) 392.

Complete; New & Old World, also incl. NE. Asia, Bonin Is, N. & Centr. America; (New Zealand spp. considered as a distinct genus); delineated; partial revision.

L. Constance, in A. Graham (ed.), Florist. & Palaeoflorist. Asia & E. North America (1972) 98.

Complete; Old & New World, N. hemisphere; shaded; occasional; after Pimenov.

E. Weinert, Fedde Rep. 84 (1973) 304.

Complete; N. hemisphere, incl. Bonin; delineated and hatched; species density; monograph.

Anistome acutifolia (KIRK) COCK.—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 37.

Complete; New Zealand (Snares Is); locality indicated; revision.

A. antipoda HOOK. f.—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 41.

Complete; Subantarctic Is of New Zealand; localities indicated; revision.

A. aromatica HOOK. f.—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 28.

Complete; New Zealand; localities indicated; revision.

A. brevistyliis (HOOK. f.) POPPLEWELL—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 48.

Complete; New Zealand (South I.); localities indicated; revision.

A. canticola DAWSON—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 50.

Complete; New Zealand (South I.); localities indicated; revision.

A. capillifolia (CHEESEM.) COCK.—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 45.

Complete; New Zealand (South I.); localities indicated; revision.

A. flexuosa DAWSON—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 52.

Complete; New Zealand (South I.); localities indicated; revision.

A. haastii (F. v. M. ex HOOK. f.) COCK. & LAING—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 43.

Complete; New Zealand (South I.); localities indicated; revision.

A. imbricata (HOOK. f.) COCK. (2 vars.)—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 57.

Complete; New Zealand (South I.); localities indicated; revision.

A. lanuginosa (KIRK) DAWSON—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 55.

Complete; New Zealand (South I.); localities indicated; revision.

A. latifolia HOOK. f.—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 39.

Complete; New Zealand (Auckland + Campbell Is); localities indicated; revision.

A. lyalli HOOK. f.—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 34.

Complete; New Zealand (South I.); localities indicated; revision.

- A. pilifera** (HOOK. f.) COCK. & LAING—J. W. Dawson, Univ. Cal. Publ. Bot. 33 (1961) 32.
 Complete; New Zealand (South I.); localities indicated; revision.
- Apium laciniatum** (DC.) URB.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 761.
 Partial; Galapagos Is; localities indicated; partial revision.
- A. leptophyllum** (PERS.) F. v. M.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 761.
 Partial; Galapagos Is; localities indicated; partial revision.
- Azorella** LAMK.—N. M. Wace, 'Vascular Plants' in Van Oye & Van Mieghem, Biogeography & Ecology in Antarctica, Monogr. Biol. 15 (1965) 218.
 Complete; New World, Andine S. America, Subantarctic Is, incl. Macquarie I.; delineated, shaded and species density; occasional.
- A. selago** HOOK. f.—A. Lourteig & P. Cour, Com. Nat. Fr. Rech. Antarct. 3 (1963) map 10.
 Complete; S. hemisphere, incl. Fuegia, Macquarie I.; delineated; occasional.
- Centella asiatica** (L.) URB.—H. Hara (ed.), Distr. Maps Fl. Pl. 1 (1958) map 35.
 Partial; Japan; localities indicated; literature + herb. material.
- I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 766.
 Partial; Galapagos Is; localities indicated; partial revision.
- Eryngium** L.—A. Breton, Mem. Soc. Sc. Nat. & Phys. du Maroc, Bot. n.s. 2 (1962) 13.
 Complete; New & Old World, Ceram locality not indicated, also incl. New Zealand; delineated; partial revision.
- M.-Th. Cerceau-Larrival, C. R. S. Soc. Biogéogr. 48 (1972) 104.
 Complete; probably the Malesian localities refer to *E. foetidum*, introd. in Malesia; delineated; occasional.
- Gingidiump** decipiens (HOOK. f.) DAWSON—J. W. Dawson, New Zeal. J. Bot. 5 (1967) 102.
 Complete; New Zealand (South I.); localities indicated; partial revision.
- G. enysii** (KIRK) DAWSON (+ vars.)—J. W. Dawson, New Zeal. J. Bot. 5 (1967) 102.
 Complete; New Zealand (South I.); localities indicated; partial revision.
- G. flabellatum** (KIRK) DAWSON—J. W. Dawson, New Zeal. J. Bot. 5 (1967) 102.
 Complete; New Zealand, Stewart I.; localities indicated; partial revision.
- G. montanum** J. R. & G. FORST.—J. W. Dawson, New Zeal. J. Bot. 5 (1967) 95.
 Complete; New Zealand, South and North I.; localities indicated; partial revision.
- G. trifoliatum** (HOOK. f.) DAWSON—J. W. Dawson, New Zeal. J. Bot. 5 (1967) 95.
 Complete; New Zealand, South I.; delineated and localities indicated; partial revision.
- Glehnia littoralis** F. SCHM.—E. Hultén, Flora of Alaska (1968) 706.
 Complete; E. Asia—W. North America; delineated; partial revision.
- Y. Horikawa, Atlas Jap. Flora (1972) map 255.
 Partial; Sakhalin to Taiwan; localities indicated; literature + herb.

- Hemiphues suffocata** HOOK. f. [*Actinotus suffocata* (HOOK. f.) RODW.]—J. Burrows, Tuatara 13 (1965) 12.
Partial; New Zealand (the sp. also occurs in Tasmania); localities indicated; occasional.
- Hydrocotyle galapagensis** ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 766.
Complete; Galapagos Is; locality indicated; partial revision.
- Lignocarpa carnosula** (HOOK. f.) DAWSON—J. W. Dawson, New Zeal. J. Bot. 5 (1967) 407.
Complete; New Zealand, South I.; localities indicated; revision.
- L. diversifolia** (CHEESEM.) DAWSON—J. W. Dawson, New Zeal. J. Bot. 5 (1967) 407.
Partial; New Zealand, South I.; localities indicated; revision.
- Oreomyrrhis** ENDL.—R. Good, Geogr. Fl. Pl. ed. 3 (1964) 118.
Complete; circumpacific, also incl. N. Borneo, New Guinea, S. Australia and Tasmania, New Zealand; delineated; occasional.
- F. Mackawa, Nat. Sc. and Mus. Tokyo 31 (1964) facing p. 12.
Complete; New & Old World, also incl. N. Borneo, New Guinea, SE. Australia, Tasmania, New Zealand, C. and S. America; delineated; occasional.
- C. G. G. J. van Steenis, Proc. R. Soc. B 161 (1964) II.
Complete; New & Old World, from Taiwan and N. Borneo to New Guinea, SE. Australia, Tasmania, New Zealand, C. & S. America; delineated and localities indicated; occasional.
- F. Mackawa, J. Fac. Sc. Univ. Tokyo 9 (1965) 182.
Complete; New & Old World, also incl. Taiwan, Borneo, New Guinea, SE. Australia, Tasmania, New Zealand, C. & S. America; shaded; occasional.
- M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 395.
Complete; New & Old World, incl. Taiwan, Borneo, New Guinea, S. Australia, Tasmania, New Zealand, W. Americas (as far north as S. Mexico); delineated; species density; partial revision.
- Osmorhiza** RAF. (+ 4 sect.)—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 392.
Complete; New & Old World, C. & NE. Asia, Americas; delineated; species density; partial revision.
- Perideridia** REICHB.—T. J. Chuang & L. Constance, Univ. Cal. Publ. Bot. 55 (1969) 22.
Complete; Old World (Korea, Japan) and New World (N. America); shaded; monograph.
- C. E. Wood, Ann. Mo. Bot. Gard. 59 (1972) 109.
Complete; Old & New World, Japan, Korea, N. America; shaded; after Chuang & Constance.
- Petroselinum crispum** (MILL.) A. W. HILL—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 766.
Partial; Galapagos Is; localities indicated; partial revision.
- Peucedanum japonicum** THUNB.—Y. Horikawa, Atlas Jap. Flora (1972) map 256.
Partial; Japan to Taiwan; localities indicated; literature + herb.

Sanicula L.—M. M. J. van Balgooy, Blumea Suppl. 6 (1971) 64.

Complete; Old & New World, mainly N. hemisphere, incl. W. Malesia, Hawaii; delineated; after Shan & Constance 1951.

sect. **Pseudopetagnia** W. WOLFF—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 390.

Complete; Old World, E. Asia; delineated; species density; partial revision.

sect. **Sandwicensis** SHAN & CONSTANCE—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 390.

Complete; Pacific (Hawaii Is); delineated; species density; partial revision.

sect. **Sanicoria** DC.—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 390.

Complete; New World: W. coasts N. & S. America; delineated; species density; partial revision.

sect. **Sanicula**—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 390.

Complete; New & Old World, also incl. E. Asia, Indo-Malesia (W. & C. Malesia), W. coast C. & S. America; delineated; species density; partial revision.

sect. **Tuberculatae** DRUDE—M. E. Mathias, Ann. Mo. Bot. Gard. 52 (1965) 390.

Complete; Old World, mainland Asia; delineated; species density; partial revision.

S. europaea L.—E. Weinert, in P. H. Davis *et al.* (ed.), Plant life of South-West Asia (1971) 59.

Complete; Old World, also incl. Asia, Malesia; delineated and shaded; occasional.

S. europaea L. complex (incl. *S. elata* HAMILT. = *S. europaea* ssp. *elata* (HAMILT.) HULTÉN)—E. Hultén, The Circumpolar Plants II (Kungl. Sv. Vet. Akad. Handl. IV, 13, 1, 1971) 363.

Partial; holarctic region, other localities mentioned in text; delineated and localities indicated; literature.

ssp. *elata* (D. DON) HULTÉN—C. G. G. J. van Steenis, Mountain Flora Java (1972) 65.

Partial; SE. Asia, W. Malesia; localities indicated; occasional.

Scandia geniculata (FORST. f.) DAWSON—J. W. Dawson, New Zeal. J. Bot. 5 (1967) 413.

Complete; New Zealand, North and South I.; localities indicated; revision.

S. rosaefolia (HOOK. f.) DAWSON—J. W. Dawson, New Zeal. J. Bot. 5 (1967) 413.

Partial; New Zealand, North I.; localities indicated; revision.

URTICACEAE

Dendrocnide MIQ.—W.-L. Chew, Gard. Bull. Sing. 25 (1969) 5.

Complete; SE. Asia, from India through Malesia and N. & NE. Australia to the Pacific (as far as Samoa); delineated; monograph.

Fleurya aestuans (L.) GAUD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 241.

Partial; Galapagos Is; localities indicated; partial revision.

Laporteia WEDDELL, see also under *Dendrocnide* MIQ.

Parietaria debilis FORST.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 241.
Partial; Galapagos Is; localities indicated; partial revision.

Pilea LINDL. sect. Johniana STAPF—C. G. G. J. van Steenis, Proc. R. Soc. B 161 (1964) 10.
Complete; from N. Borneo through Celebes, Ceram to New Guinea; localities indicated; occasional.

P. baurii ROBINS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 241.
Complete; Galapagos Is; localities indicated; partial revision.

P. microphylla (L.) LIEBM.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971)
249.
Partial; Galapagos Is; localities indicated; partial revision.

P. peploides (GAUD.) H. & A.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is
(1971) 249.
Partial; Galapagos Is; localities indicated; partial revision.

Urera caracasana (JACQ.) GRISEB.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is
(1971) 249.
Partial; Galapagos Is; localities indicated; partial revision.

VACCINIACEAE see Ericaceae

VALERIANACEAE

Astrophybia chaerophylloides (SM.) DC.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 484.
Partial; Galapagos Is; localities indicated; partial revision.

VERBENACEAE

Avicennia alba BL.—V. J. Chapman, Trop. Ecol. 11 (1970) 5.
Complete; from India to Australia and Solomons; delineated; literature.

A. eucalyptifolia ZIPP.—V. J. Chapman, Trop. Ecol. 11 (1970) 5.
Complete; Philippines, Moluccas to New Guinea and Bismarck Arch., and N. Australia; delineated; literature.

A. germinans (L.) L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 274.
Partial; Galapagos Is; localities indicated; partial revision.

A. lanata RIDL.—V. J. Chapman, Trop. Ecol. 11 (1970) 5.
Complete; E. Sumatra, Mal. Pen.; delineated; literature.

A. marina (FORSK.) VIERH.—V. J. Chapman, Trop. Ecol. 11 (1970) 5.
Complete; from E. Africa eastwards to Australia, W. Pacific and Fiji, N. New Zealand; delineated; literature.

Y. Horikawa, Atlas Jap. Flora (1972) map 332.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.

- A. officinalis** L.—V. J. Chapman, Trop. Ecol. 11 (1970) 5.
Complete; from India to Malesia and Bismarck Arch.; delineated; literature.
- Callicarpa arborea** ROXB.—G. Klotz, Wissensch. Zeitschr. M. Luther Univ. Halle 7 (1966) map 6.
Complete; E. India to Malaya and Sumatra; localities indicated; occasional.
- Clerodendron inerme** (L.) GAERTN.—Y. Horikawa, Atlas Jap. Flora (1972) map 336.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.
- C. molle** HBK (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 484.
Partial; Galapagos Is; localities indicated; partial revision.
- Duranta dombeyana** MOLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 484.
Partial; Galapagos Is; localities indicated; partial revision.
- D. mutisii** L. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 484.
Partial; Galapagos Is; localities indicated; partial revision.
- D. repens** L. (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 490.
Partial; Galapagos Is; localities indicated; partial revision.
- Lantana peduncularis** ANDERSS. (2 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 490.
Partial; Galapagos Is; localities indicated; partial revision.
- Lippia rosmarinifolia** ANDERSS. (3 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 493.
Complete; Galapagos Is; localities indicated; partial revision.
- L. salicifolia** ANDERSS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 493.
Complete; Galapagos Is; localities indicated; partial revision.
- Nesogenes** A. DC.—M. M. J. van Balgooy, Pac. Pl. Ar. 3 (1975) map 175.
Complete; Africa, Malagassy, SE. Polynesia; delineated and localities indicated; species density; literature + herb.
- Petraeovitex** OLIV.—A. A. Munir, Gard. Bull. Sing. 21 (1965) 223.
Complete; Old World, Malesia—Pacific (Solomons); delineated; monograph.
- P. bambusetorum** K. & G.—A. A. Munir, Gard. Bull. Sing. 21 (1965) 225.
Complete; Malesia (Mal. Pen., N. Borneo); delineated; monograph.
- P. kinabaluensis** MUNIR—A. A. Munir, Gard. Bull. Sing. (1965) 226.
Complete; Malesia (Borneo); delineated; monograph.
- P. membranacea** MERR.—A. A. Munir, Gard. Bull. Sing. 21 (1965) 225.
Complete; Malesia (Mal. Pen., Borneo); delineated; monograph.
- P. multiflora** (J. SM.) MERR.—A. A. Munir, Gard. Bull. Sing. 21 (1965) 224.
Complete; Malesia (SE. Celebes, Moluccas, New Guinea to Solomons); delineated; monograph.
- P. scorchedinii** K. & G.—A. A. Munir, Gard. Bull. Sing. 21 (1965) 225.
Complete; Malesia (Mal. Pen.); delineated; monograph.

P. sumatrana H. J. LAM.—A. A. Munir, Gard. Bull. Sing. 21 (1965) 224.
Complete; Malesia (Sumatra, Borneo); delineated; monograph.

P. trifoliata MERR.—A. A. Munir, Gard. Bull. Sing. 21 (1965) 226.
Complete; Malesia (Borneo, Philippines); delineated; monograph.

P. wolfei SINCLAIR—A. A. Munir, Gard. Bull. Sing. 21 (1965) 225.
Complete; Malesia (Mal. Pen.); delineated; monograph.

Phyla nodiflora (L.) GREENE var. **reptans** (HBK) MOLD.—I. L. Wiggins & D. M. Porter,
Flora Galapagos Is (1971) 493.
Partial; Galapagos Is; localities indicated; partial revision.

Ph. strigulosa (MART. & GAL.) MOLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos
Is (1971) 497.
Partial; Galapagos Is; localities indicated; partial revision.

Premna corymbosa (BURM. f.) ROTTL. & WILLD. var. **obtusifolia** (R. BR.) FLETCHER—
Y. Horikawa, Atlas Jap. Flora (1972) map 338.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.

Priva lappulacea (L.) PERS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971)
497.
Partial; Galapagos Is; localities indicated; partial revision.

Stachytarpheta cayennensis (RICH.) VAHL—I. L. Wiggins & D. M. Porter, Flora
Galapagos Is (1971) 497.
Partial; Galapagos Is (introd.); localities indicated; partial revision.

Tectona grandis L. f.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 497.
Partial; Galapagos Is (introd.); localities indicated; partial revision.

Verbena galapagensis MOLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is
(1971) 505.
Complete; Galapagos Is; locality indicated; partial revision.

V. glabrata var. **tenuispicata** MOLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos
Is (1971) 505.
Complete; Galapagos Is; localities indicated; partial revision.

V. grisea ROBINS. & GREENM.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is
(1971) 505.
Complete; Galapagos Is; locality indicated; partial revision.

V. littoralis HBK—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 505.
Partial; Galapagos Is; localities indicated; partial revision.

V. sedula MOLD. (3 vars.)—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 506.
Complete; Galapagos Is; localities indicated; partial revision.

V. stewartii MOLD.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 506.
Complete; Galapagos Is; locality indicated; partial revision.

V. towsendii SVENS.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 506.
Complete; Galapagos Is; locality indicated; partial revision.

Vitex rotundifolia L. f.—Y. Horikawa, Atlas Jap. Flora (1972) map 340.
Partial; Japan to Taiwan, Bonin; localities indicated; literature + herb.

V. trifolia L.—Y. Horikawa, Atlas Jap. Flora (1972) map 341.
Partial; Ryu Kyu, Taiwan; localities indicated; literature + herb.

E. F. de Vogel, Pac. Pl. Ar. 3 (1975) map 186.

Complete; S. and E. Asia to N. Australia and Pacific as far as Hawaii and SE. Polynesia; delineated and localities indicated; literature + herb.

VIOLACEAE

Agatea A. GRAY—M. Jacobs, Pac. Pl. Ar. 3 (1975) map 239.

Complete; New Guinea, Solomons, New Caledonia, Fiji; localities indicated; partial revision.

Hybanthus enneaspermus (L.) F. v. M.—M. Jacobs, Fl. Mal. I, 7 (1971) 197.

Partial; Malesia (not in Sumatra and Mal. Pen.); localities indicated; partial revision.

Rinorea AUBL.—M. Jacobs, Fl. Mal. I, 7 (1971) 188.

Partial; S. India to SE. Asia, Malesia, N. Queensland, Carolines, Melanesia; species density; partial revision.

Viola arcuata Bl.—D. M. Moore, Fl. Mal. I, 7 (1971) 207.

Partial; Malesia, Sumatra, Java, Luzon, Buru, New Guinea; localities indicated; partial revision.

V. betonicifolia J. E. SMITH ssp. **betonicifolia**—D. M. Moore, Fl. Mal. I, 7 (1971) 203.

Partial; Malesia (not in Borneo); localities indicated; partial revision.

ssp. **nova-guineensis** D. M. MOORE—D. M. Moore, Fl. Mal. I, 7 (1971) 203.

Partial; Malesia: Mindanao, New Guinea (according to the text also in Sumatra, Timor, Celebes); localities indicated; partial revision.

V. biflora L.—E. Hultén, Flora of Alaska (1968) 681.

Partial; N. hemisphere; delineated and localities in Alaska indicated; occasional.

D. M. Moore, Fl. Mal. I, 7 (1971) 202.

Partial; Taiwan, N. Sumatra; localities indicated; partial revision.

V. curvistylis BOISS. & CAPIT.—D. M. Moore, Fl. Mal. I, 7 (1971) 210.

Partial; Malesia: Sumatra, Mal. Pen., N. Borneo; localities indicated; partial revision.

V. diffusa GING. ssp. **apoensis** (ELM.) D. M. MOORE—D. M. Moore, Fl. Mal. I, 7 (1971) 202.

Complete; Philippines; localities indicated; partial revision.

ssp. **diffusa**—D. M. Moore, Fl. Mal. I, 7 (1971) 202.

Partial; Taiwan, Luzon; localities indicated; partial revision.

V. hederacea LABILL.—D. M. Moore, Fl. Mal. I, 7 (1971) 211.

Partial; Mal. Pen., N. Queensland; localities indicated; partial revision.

V. inconspicua BL.—D. M. Moore, Fl. Mal. I, 7 (1971) 204.

Partial; Malesia: Sumatra, Mal. Pen., Java, Luzon; localities indicated; partial revision.

- V. javanica** BECKER.—D. M. Moore, Fl. Mal. I, 7 (1971) 207.
Complete; E. Java; localities indicated; partial revision.
- V. kjellbergii** MELCH.—D. M. Moore, Fl. Mal. I, 7 (1971) 210.
Complete; Celebes, New Guinea; localities indicated; partial revision.
- V. mearnsii** MERR.—D. M. Moore, Fl. Mal. I, 7 (1971) 209.
Complete; Philippines, Celebes; localities indicated; partial revision.
- V. merrilliana** BECKER—D. M. Moore, Fl. Mal. I, 7 (1971) 205.
Complete; Philippines (Luzon); localities indicated; partial revision.
- V. papuana** BECKER & PULLE—D. M. Moore, Fl. Mal. I, 7 (1971) 211.
Complete; New Guinea; localities indicated; partial revision.
- V. philippica** CAV.—D. M. Moore, Fl. Mal. I, 7 (1971) 204.
Partial; Malesia: Sumatra, Java, Flores, Philippines, SW. Celebes; localities indicated; partial revision.
- V. pilosa** BL.—D. M. Moore, Fl. Mal. I, 7 (1971) 205.
Partial; Malesia: Sumatra, Java, Lesser Sunda Is., SW. Celebes, Moluccas; localities indicated; partial revision.
- V. rupicola** ELM.—D. M. Moore, Fl. Mal. I, 7 (1971) 210.
Complete; Taiwan, Philippines; localities indicated; partial revision.
- V. sumatrana** MIQ.—D. M. Moore, Fl. Mal. I, 7 (1971) 209.
Partial; Malesia: Sumatra, Mal. Pen., Borneo; localities indicated; partial revision.

VITACEAE

- Cissus sicyoides** L.—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 766.
Partial; Galapagos Is; localities indicated; partial revision.

- Tetrastigma** PLANCH.—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiär-pflanzen... (Inaug. Diss. München 1944, Typescript) map 38.
Complete; Indo-Malesia, Bismarck Arch., NE. Australia; delineated; occasional.

WINTERACEAE

- Winteraceae (s. str.)**—G. del Corro, Publ. Ext. Cult. Didáct. Mus. Arg. Cienc. Nat. Bs. As. 12 (1964) 39.
Complete; New & Old World, also incl. Indo-Malesia (from Borneo eastwards), Tasmania, New Zealand, Melanesia, Juan Fernandez; delineated; occasional.

- H. Walter/H. Straka, Arealkunde, Einführung i. d. Phytologie III/2, Stuttgart (1970) 89.
Complete; Florida & S. America, SE. Asia, Japan, Malesia (exc. Sumatra, Java, Lesser Sunda Is.), E. Australia, Tasmania, New Zealand; delineated and shaded; occasional; after Emberger, Good, and Hutchinson, emend.

- Winteraceae (several genera)**—F. Maekawa, J. Fac. Sci. Univ. Tokyo III, 9 (1965) 186.
Partial; New & Old World, also incl. part of Malesia, Pacific; dotted; occasional.

Winteraceae—R. F. Thorne, Quart. Rev. Biol. 47 (1972) 395.

Complete; Madagascar, Malesia, Australia, SW. Pacific, C. & S. America; shaded; after Smith, modif.

Drimys J. R. & G. FORST.—F. J. W. Bader, Nova Acta Leop. N. F. n. 148, 23 (1960) map 8.

Complete; Centr. & S. America, in Malesia from Borneo and Philippines eastwards, E. Australia, Tasmania; delineated; literature.

H. Walter/H. Straka, Arealkunde, Einführung i. d. Phytologie III/2 Stuttgart (1970) 173.

Complete; New & Old World, from Borneo and the Philippines eastwards, incl. New Guinea, E. Australia, Tasmania; delineated and shaded; occasional.

W. Vink, Blumea 18 (1970) 282.

Partial; New Guinea; localities indicated; partial revision.

W. Vink, Blumea 18 (1970) 283.

Partial; New Guinea (collecting density); localities indicated; partial revision.

W. Vink, Blumea 18 (1970) 312, 346.

Partial; Australian spp.; localities indicated; partial revision.

D. piperita HOOK. f., complexes of several entities—W. Vink, Blumea 18 (1970) 298.

Partial; E. New Guinea; localities indicated; partial revision.

D. piperita HOOK. f., entities 'apetala' and 'xerophila'—W. Vink, Blumea 18 (1970) 346.

Complete; S. & E. Australia; localities indicated; partial revision.

entity 'membranea'—W. Vink, Blumea 18 (1970) 312.

Partial; Australia (Queensland); localities indicated; partial revision.

Pseudowintera axillaris (J. R. & G. FORST.) DANDY—W. Vink, Blumea 18 (1970) 240.

Complete; New Zealand; localities indicated; revision.

P. colorata (RAOUL) DANDY—W. Vink, Blumea 18 (1970) 242.

Complete; New Zealand; localities indicated; revision.

P. traversii (BUCHANAN) DANDY—W. Vink, Blumea 18 (1970) 140.

Complete; New Zealand (South I.); localities indicated; revision.

ZANNICHELLIACEAE see Potamogetonaceae

ZINGIBERACEAE

Zingiberaceae—M. Lehner, Ueber die heutige Verbr. Mitteleurop. Tertiärpflanzen... (Inaug. Diss. München 1944, Typescript) map 47.

Complete; New & Old World (practically pantropical), also incl. Indo-Malesia, Pacific; delineated; occasional; after Vester.

H. Walter/H. Straka, Arealkunde, Einführung i. d. Phytologie III/2, Stuttgart (1970) 35.

Complete; delineated and shaded; after Vester.

- Alpinia sect. Myriocrater K. Sch.** (10 spp.)—B. L. Burtt & R. M. Smith, Notes R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; Celebes, Moluccas, New Zealand, Solomons; localities indicated; partial revision.
- A. aenea** BURTT & SMITH—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; Celebes; localities indicated; partial revision.
- A. celebica** K. SCH.—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; Celebes; localities indicated; partial revision.
- A. conferta** BURTT & SMITH—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; Solomons; localities indicated; partial revision.
- A. eremochlamys** K. SCH.—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; Celebes; localities indicated; partial revision.
- A. laxisecunda** BURTT & SMITH—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; Solomons; localities indicated; partial revision.
- A. monopleura** K. SCH.—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; Celebes; localities indicated; partial revision.
- A. myriocratera** K. SCH.—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; Ternate (Moluccas); localities indicated; partial revision.
- A. novae-hibernae** BURTT & SMITH—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; New Ireland; localities indicated; partial revision.
- A. salomonensis** BURTT & SMITH—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; Solomons; localities indicated; partial revision.
- A. unilateralis** BURTT & SMITH—B. L. Burtt & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 35.
 Complete; Solomons; localities indicated; partial revision.
- Burbidgea** HOOK. f. (5 spp.)—R. M. Smith, Not. R. Bot. Gard. Edinb. 31 (1972) 305.
 Complete; Borneo; localities indicated; revision.
- Camptandra** RIDL.—K. Larsen & R. M. Smith, Not. R. Bot. Gard. Edinb. 32 (1972) 292.
 Complete; Malaya, Sarawak; localities indicated; partial revision.
- Globba** spp.—S. N. Lim, Gard. Bull. Sing. 26 (1972) facing p. 118.
 Partial; Malaya; localities indicated; partial revision.
- Hedychium** (2 spp.)—A. E. Orchard, Rec. Auckl. Mus. 10 (1973) 114.
 Partial; New Zealand (introd.); localities indicated; partial revision.

ZOSTERACEAE see *Potamogetonaceae***ZYGOPHYLLACEAE**

***Kallstroemia adscendens* (ANDERS.) ROBINS.**—D. M. Porter, Contr. Gray Herb. 198 (1969) 66.

Complete; Galapagos Is; localities indicated; monograph.

I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 775.

Complete; Galapagos Is; localities indicated; partial revision.

***Tribulus cistoides* L.**—I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 775.

Partial; Galapagos Is; localities indicated; partial revision.

***T. terrestris* L.**—V. R. Squires, Vict. Naturalist 86 (1969) 329.

Complete; Old & New World, also incl. E. Asia and Australia; delineated and localities indicated; occasional.

V. R. Squires, Vict. Naturalist 86 (1969) 330.

Partial; Australia (native and introd. form); localities indicated; occasional.

I. L. Wiggins & D. M. Porter, Flora Galapagos Is (1971) 775.

Partial; Galapagos Is; localities indicated; partial revision.