

ANNOTATED SELECTED BIBLIOGRAPHY

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In the absence of a complete bibliography of the botanical literature of Malaysia, comparable to those on Eastern Asia and the Pacific by MERRILL & WALKER, and as the 'Flora Malesiana' will not to be completed within the near future, the need was felt to have at hand a concise, selected bibliography of existing revisions and other phytographical publications temporarily providing taxonomists with a reference to what is roughly available for the identification of Malaysian collections. When the 'Flora Malesiana' is completed, after some decades, this bibliography should no longer be required, as the references contained in it will all have been accounted for in the Flora itself in one way or another.

In the meantime, however, a list arranged by families seems to serve a very practical purpose, as it gives access to the main body of accumulated knowledge precursory to the final revisions in the Flora.

This need is apparently felt in other regions, as during the course of this work, which was started about 1943, similar projects were undertaken for East Asia and the Pacific by MERRILL & WALKER and for India by SANTAPAU.

I agree with Dr WALKER that the use of such bibliographies is essentially facilitated by annotations indicating the contents. I have specially paid attention to the presence or absence of keys for identification. In some cases keys lead only to groups of species; I have called these 'partial keys'.

MERRILL & WALKER's bibliographies aimed at completeness. My object has been more limited and from the beginning I wanted to make it selective for two reasons. On the one hand an exhaustive bibliography would mean years of bibliographical research on which I cannot afford to spend part of the little time left for my scientific work. On the other hand my aim was more limited in that I felt that the need alluded to was focussed rather on a bibliographic guide, enabling rapid orientation in some family or genus, than on a complete bibliographic account. The desired concise data would be swamped in an ocean of detailed references in a really exhaustive work.

The large detailed MS bibliography, which I have gradually compiled during the past twenty five years, is arranged by families and is not suitable for publication; but it will always be at the disposal of revisors working at the Flora Malesiana.

The selection has proved very difficult and was often arbitrary in order to obtain a satisfactory uniform bibliographical level, as the scope and quality of the various papers and their importance for our aim varies enormously. It cannot be denied that, through this selection, a subjective element inevitably enters in.

Many papers are, unfortunately, not provided with keys; still, they have a certain value in efforts towards naming collections. Many papers are not exhaustive, treating representatives of a family or genus from a local region or even part of an island. Other papers were prepared without aiming at a thorough revision. A taxonomist will, however, be glad to have some literature at hand for naming current collections. It is for that aim that the present tool has been forged.

It was, of course, not necessary to give extracts from the great complete Floras and taxonomic handbooks, as these are commonly the recognized tools of the systematist.

The bibliography tends to go from the large and wide to the small and narrow, as can be observed from the table of contents.

In chapter 6c families have been arranged alphabetically. It should be borne in mind that the choice of the delimitation of these families is arbitrary. Newly proposed changes have been followed with some conservatism. It has not been found of very great advantage to take up all the segregates which have been proposed in recent times.

Lately there has been a distinct fad towards splitting families, genera, species, in many instances resulting into raising taxa to the next higher rank, a tendency against which the Makers of Botany of the last century were always warning us. On the other hand, if it appears that a family contains entirely discordant elements which, in accordance with additional detailed research into pollen structure, embryology, phytochemistry, anatomy, *etc.*, fit in *different* places in the system of affinities, such a splitting seems entirely justified. If, however, there is only a difference of opinion about the rank of certain groups, which after segregation merely remain in a different rank (level), but with about the same mutual relationship, there seems to be very little scientific advance gained by this splitting. It seems to me that the recent splitting of *Magnoliaceae* into several families and raising the complex to the order *Magnoliales* belongs to this category, as well as similar cases in *Olcaceae*, *Sapotaceae*, *Icacinaceae*, *Monimiaceae*, *Cornaceae*, *Annocaceae*, *etc.* The case of the anomalous genera *Sphenoclea* and *Pentaphragma* now removed from the *Campanulaceae* seems to me to be of another category, since these genera are removed from the order to which the family *Campanulaceae* belongs. I am perfectly aware that some families contain definitely anomalous genera and that in such cases the situation is really clarified by the removal of such genera. If the *Siphonodontaceae* still remain in position next to the *Celastraceae* there is little scientific gain in raising it to family rank, as the rank of a subfamily would be sufficient to stress its distinction within the *Celastraceae*. If in *Oleaceae*, AIRY SHAW has found good arguments in favour of removing *Nyctanthes* from this family to the *Verbenaceae*, I assume this to be of significant value.

Purely for technical reasons *Bambusaceae* have, in this bibliography, not been merged with *Gramineae* proper but are separately treated on a family level immediately after the *Gramineae*.

Amaryllidaceae, *Liliaceae*, *etc.* have only for convenience been accepted in their old delimitation which is, as HUTCHINSON has demonstrated, certainly artificial in its simplicity and taxonomically untenable.

For the same aim *Conifers* are treated as an entity, though by general consent they consist of many families. In the *Moraceae* the genus *Ficus* has been treated separately on account of its colossal size. *Saurauia* has also been treated separately within the *Actinidiaceae*.

For the convenience of those using this bibliography cross-references have been made for family names and for generic names in so far as they have been referred to more than one family.

The choice of the references is not wholly uniform. In general the larger works and Floras have not been classified under families, but in several cases the user will find that I have for instance cited one of BACKER's works on the Java flora. This means that either this treatment is significant for the group in Malaysia or perhaps even comprehensive; from a large experience in using literature for rapid orientation I have intentionally inserted such entries, which at first sight seem superfluous, since they belong to general books dealt with in chapters 5 and 6a.

I was in doubt whether to insert entries for those families which have already been treated in this Flora and would seem, for this reason, now superfluous; it is merely for completeness and uniformity that I have treated such families in the same way as the others.

Families of which only cultivated or introduced species are known to occur in Malaysia, as *e.g.* *Betulaceae*, *Bromeliaceae*, *Caricaceae*, *Tropaeolaceae*, *etc.* are treated in less detail as compared with families possessing mainly native representatives.

Although the 'Flora Malesiana' is principally concerned with native and wild plants, it appeared useful to insert references to revisions of ornamental plants or those cultivated for other reasons.

Concerning the Philippines and New Guinea I have been rather lavish with references and I hope this will be a help for those who have to identify specimens from these islands.

Those who consult chapter 6c should bear in mind that it embraces only books and papers which I assume to be of interest to Malaysian botany! When genera are of worldwide distribution, like many in the *Scrophulariaceae*, I found it necessary to insert also major works on the New World representatives. In the *Araceae*, *Lauraceae*, *Loranthaceae*, etc., however, I have omitted several important papers revising only African or New World representatives.

In families like the *Podostemonaceae* in which the number of Malaysian representatives is negligible with respect to the total size of the family, only some of the main works have been mentioned just as far as necessary to understand the taxonomy of the Malaysian members.

Papers in which only a few genera have been revised are not mentioned under the family but have been entered under the respective genera. Comprehensive family monographs as DE CANDOLLE's *Monographia Phanerogamarum* and the *Pflanzenreich* have not been cited under the various genera. In some large families treated in the latter work, which consist of a number of parts, names of Malaysian genera have been mentioned as an annotation.

No reference has been made in chapter 6c to the first edition of the 'Pflanzenfamilien', since that work is complete and is provided with indices, but reference has been made to the families treated in the incomplete 2nd edition. No annotations seemed necessary for the 'Pflanzenfamilien' and the 'Pflanzenreich' entries as the scope of these works is well known.

There are very many articles, reports, and even books, in which plant names are mentioned in the text but do not occur as official lists (with or without references). Although they sometimes contain valuable information, they do not belong to proper phytography and have, for this reason, been omitted.

Papers mainly dealing with anatomy, morphology or geographical distribution are only mentioned if they may be of help for orientation or appear to be of important taxonomic value.

For the convenience of those who can read Dutch, and to whom journals or books written in Dutch are available, references to such works have been cited.

I am perfectly aware that, from the purely bibliographical standpoint of citation, this bibliography leaves much to be desired; sometimes citation of figures has been omitted and there is no absolute uniformity in abbreviations. This is partly due to the fact that the work was done over a considerable period with many interruptions. It should also be considered that no bibliographical aims were pursued, but the purely practical goal of temporarily providing our readers with a tolerable basis for current work. It is not accurate enough to depend on for copying citations without consulting the originals. But I hope that during the typing, retyping, and printing, only few errors will have crept into the tens of thousands of figures it contains.

It should be borne in mind that in titles I have intentionally not kept the original orthography of certain words as regards capitals, the use of which differs in the Latin, German, French, English, etc. languages. I have preferred to capitalize (hence, emphasize) all those words which appear in a title as important words. I have therefore written '*Hortus Indicus Malabaricus*' and not '*Hortus indicus malabaricus*' which is the correct way in Latin. The names of towns in which works in Latin were issued I have not kept under their Latin equivalents; thus a work issued at 'Leipzig' is not mentioned as having been printed at 'Lipsiae'.

Under each family, country (island) or genus references have been enumerated alphabetically under author's names, except in a very few cases.

Synonyms of several genera have been added in brackets after the accepted generic name. As the references under each genus have been enumerated alphabetically under authors' names, it does not follow that the reduction has been made by the author of the first reference to a generic name.

It is intended to compile, in subsequent volumes, supplementary lists in order to furnish subscribers with up to date references and corrections, and enable them to take full advantage of progress in our field.

In compiling this bibliography I enjoyed the co-operation of Mrs M. J. VAN STEENIS-KRUSEMAN and acknowledge the facilities given by the librarian of the Rijksherbarium who assisted in procuring a great number of books for checking. Dr H. SLEUMER, during a visit to the British

Museum (Nat. Hist.) and the Royal Botanic Gardens, Kew, was kind enough to verify a number of items not available in Holland in which he was assisted by the Librarian of the Museum and by Mr H. S. MARSHALL. There remained a small number of books which could not be located within my immediate reach and the pertaining references could therefore not be annotated; they are marked '*Non vidi*'.

1. GENERAL BOTANICAL HANDBOOKS

- BENTHAM, G. & J. D. HOOKER, *Genera Plantarum*, etc. 3 vols (1862–1883).—Generic descriptions; in Latin.
- CANDOLLE, A. & C. DE, *Monographia Phanerogamarum prodromi nunc continuatio, nunc revisio*, 1–9 (1878–1896).—The families monographed herein are inserted in chapter 6c.
- CANDOLLE, A. P., A. & C. DE, *c.s.*, *Prodromus systematis naturalis regni vegetabilis sive enumeratio contracta ordinum generum specierumque plantarum*, etc. 17 vols (1824–1873), index 1–4 (1842–1874).—Complete descriptive account of genera and spp. in Latin; no keys.
- DALLA TORRE, C. G. DE & H. HARMS, *Genera Siphonogamarum*, etc. (1900–1907).—Index of generic and infrageneric names.
- ENGLER, A. (ed.), *c.s.*, *Das Pflanzenreich*, etc. Heft 1–107 (1900–1953).—Families of which monographs have appeared in this work have been referred to in chapter 6c. References to these have been made with the separate parts (Hefte) to avoid the intricate way of numbering of these parts. Keys and descriptions in Latin, other matter in German.
- , & K. PRANTL (ed.), *Die natürlichen Pflanzenfamilien* (1st ed.), 4 Teile (1887–1908), 4 Nachträge (1897–1915).—This widely used work has not been extracted in chapter 6c. Families treated in the 2nd edition of the work which is still far from complete have been referred to in chapter 6c. In German.
- Index Kewensis*, etc. 2 vols (1893–1895), 11 Suppl. (1901–1953).—References to descriptions of new genera and species.
- Index Londinensis*, etc. 6 vols (1929–1931), Suppl. 1–2 (1941).—Index to figures of plants.
- LEMÉE, A., *Dictionnaire descriptif et synonymique des genres de plantes phanérogames*. Brest. 1–7, 8a–b (1929–1943).—Descriptions of all genera alphabetically arranged; vol. 8 contains keys to the genera of each family.

2. GENERAL AND LOCAL BOTANICAL BIBLIOGRAPHIES

with special reference to the tropics of the Old World except Africa

- ANONYMOUS, *Tooa Kyoo ei ken-Sigenkagaku-bunkenmukuroku*. Bibliographic index for the study of the natural resources of the Great Asia co-prosperity sphere. Department of Education, Dai Nippon. Except for the references wholly in Japanese.
1. *New Guinea* (1942) 259 + 81 pp. Botany p. 20–61.
 2. *French Indo-China & Thailand* (1942) 253 + 81 pp. Botany p. 19–48.
 3. *Philippines* (1942) 391 + 61 pp. Botany p. 35–155.
 4. *Malay Peninsula ('Malay')* (1943) 241 + 11 pp. Botany p. 38–108.
 5. *Micronesia* (1944) (by HUZIO UTINOMI). *Bibliographia Micronesica scientiae naturalis et cultus*. Kokoryukan. Tokyo (1945) i–iii, 1–3, 1–208; Botany 1–21. *Non vidi*.—A 2nd edition in English was edited by the Univ. of Hawaii Press (1952), the botany section of which was translated by K. SAKIMURA and edited by H. ST. JOHN; repr. p. 3–16.
 6. *East Indies* (1944) 689 + 19 pp. *Non vidi*.
- , *An annotated bibliography of the Southwest Pacific and adjacent areas*. Issued by the Allied Forces. 1944. 3 vols.—*Non vidi*.
1. *The Netherlands and British East Indies and Philippine Islands*.
 2. *Malaya, Thailand, Indo-China*.
 3. *The China Coast and the Japanese Empire*.
- BLAKE, S. F. & A. C. ATWOOD, *Geographical guide to Floras of the World. Part 1* (U.S. Dep. Agric. Wash. Misc. Publ. 101, 1942, 1–336).—Useful annotated list of Floras and plant-geographical works in the wide sense, geographically arranged. Asia has not yet been treated.
- BLATTER, E., *A bibliography of the Botany of British India and Ceylon* (Journ. Bombay Nat. Hist. Soc. 20, 1911, lxxix–clxxvi).
- BOERLAGE, J. G., *Literatuur Botanica* (in F. S. A. DE CLERCQ, *Ethnogr. Beschrijving v. d. West- en Noordkust van Ned. Nieuw-Guinea*. Leiden, 1893, 272–273).—Bibl. New Guin. 1884 onwards.
- FIELD, H., *Bibliography on Southwestern Asia*. Univ. Miami Press (1953) xvi + 106 pp.—Anthropogeography, botany and zoology; total 3000 titles. Covering Near East as far as and including Afghanistan.
- JACKSON, B. D., *Guide to the literature of botany; being a classified selection of botanical works, including nearly 6000 titles not given in Pritzl's 'Thesaurus'*. London (1881) i–xl, 1–626.
- JUNGHUHN, F., *Opgaaf betreffende de literatuur over de Flora van Java* (in JUNGHUHN, Java, ed. 2, Dutch ed., 1, 1853, 179–198).—Annotated bibliography of Java; in Dutch.
- KUNTZE, O., *Notizen zu Pritzl's Thesaurus Literaturae Botanicae* (Rev. Gen. Pl. 1891, cxix–cxli; *ibid.* pars III, 1898, 153–162).—These corrections contain unfortunately many errors.
- LAM, H. J., *Materials towards a study of the Flora of the island of New Guinea* (Blumea 1, 1934, 115–159).—Contains lists of families revised in Bot. Jahrb. and Nova Guinea and a list of books and papers.
- MERRILL, E. D., *Index to Philippine literature 1–6* (Philip. J. Sc. 2, 1907, Bot. 241–250, 345–349, 437–439; *l.c.* 3, 1908, 87–94; *l.c.* 4, 1909, 677–685; *l.c.* 5, 1910, 259–266).—Lists of annotated references.

- , *A contribution to the bibliography of the botany of Borneo* (Sarawak Mus. J. 2, 1915, 99–136), supplemented in MERRILL, E. D., *A bibliographic enumeration of Bornean plants* (J. Str. R. As. Soc. Special no, 1921, 2–6).—Extensive Bornean bibliography.
- , *An enumeration of Philippine flowering plants* vol. 4 (1926) 155–239.—Extensive bibliography on Philippine botany.
- , *Polynesian botanical bibliography, 1773–1935* (Bull. Bern. P. Bish. Mus. no 144, 1937, 1–194).
- , *A botanical bibliography of the islands of the Pacific with A subject index* by E. H. WALKER (Contr. U.S. Nat. Herb. 30, pt 1, 1947, 1–404).—Amplification of that of 1937. Annotated!
- & E. H. WALKER, *A bibliography of Eastern Asiatic Botany* (Arn. Arb. Harv. Univ. 1938, i–xlii, 1–719).—Comprehensive account.
- PETCH, T., *Bibliography of books and papers relating to Agriculture and Botany to the end of the year 1915*. Peradeniya Manuals no 3 (1925) 1–256.—Bibliogr. of Ceylon arranged under headings; over 5000 titles. References 3737–4368 deal with taxonomy of Phanerogams and ferns; most references arranged under families.
- PRITZEL, G. A., *Thesaurus Literaturae Botanicae, etc.* (ed. JESSEN pp.). Leipzig (1872–1877) 1–577.—Covers all botanical literature with admirable accuracy, specially regarding books and pamphlets.
- REHDER, A., *The Bradley Bibliography*. Arnold Arboretum, Jamaica Plain, Mass. (1911–1918) 5 vols.—Comprehensive bibliography of mainly woody plants described before 1900.
- , *Bibliography of cultivated Trees and Shrubs, etc.* Arnold Arboretum, Jamaica Plain, Mass. (1949) i–xl, 1–825.—With many references to infraspecific taxa. *Non vidi*.
- SANTAPAU, H., *Contributions to the bibliography of Indian Botany* (Journ. Bombay Nat. Hist. Soc. 50, 1952, 520–548; *ibid.* 51, 1952, 205–259).—Intended as a complement to BLATTER's work (see above). Besides the list of titles, the greater part of the work consists of extracted references arranged in families.
- STEENIS, C. G. G. J. VAN, *Annotated list of literature for the use of botanists and explorers in Malaysia* (Fl. Mal. I, 1, 1950, xxxiii–xli).
- STEENIS-KRUSEMAN, M. J. VAN, *Malaysian plant collectors and collections, etc.* (Fl. Mal. I, 1, 1950, i–clii, 1–639).—Bibliographic references to the collections arranged under the collectors.
- & W. T. STEARN, *Dates of Publication* (Fl. Mal. I, 4, 1954, clxiii–ccxix).—Extremely useful account of exact dates of publication of certain botanical works; supplementary to PRITZEL's, JACKSON's and other's bibliographies.
- TUCKER, E. M., *Catalogue of the Library of the Arnold Arboretum of Harvard University*. Cambridge, Mass. 3 vols (1914–1933).—Valuable catalogue.
- WALKER, E. H., *Contribution toward a Bibliography of Thai Botany* (Nat. Hist. Bull. Siam Soc. 15, 1952, 27–88).—Annotated bibliogr. of Siamese taxonomic botany.
- WIT, H. C. D. DE, *Short history of the phytography of Malaysian vascular plants* (Fl. Mal. I, 4, 1949, lxx–clxi).—Each chapter has been provided with numerous references relating to the history of Malaysian phytography.
- WOODWARD, B. B., *Catalogue of the books, manuscripts, maps, and drawings in the British Museum (Natural History)*. 8 vols, London (1903–1940).—A very useful reference work for botany and zoology.

3. INTERPRETATION OF EARLY BOTANICAL WORKS of importance for Malaysian Botany

- BLANCO, M., *Flora de Filipinas* (1837), ed. 2 (1845), ed. 3 (1877–1883).
cf. MERRILL, E. D., *A review of the identifications of the species described in Blanco's Flora de Filipinas* (Govt Lab. Publ. (Philip.) 27, 1905, 1–132).
- , *Species Blancoanae*. Manila (1918) 1–423, map.—Evaluation of species described by BLANCO and LLANOS.
- BURMAN, N. L., *Flora Indica*. Amsterdam (1768).
cf. MERRILL, E. D., Philip. J. Sc. 19 (1921) 329–388.—This review of the new species of plants proposed by BURMAN has been made without actually examining BURMAN's herbarium at Geneva which has, unfortunately, been merged into the general Herbarium DELESSERT.
- HOULTUYN, M., *New genera and species published in various works*.
cf. MERRILL, E. D., J. Arn. Arb. 19 (1938) 291–375; *ibid.* 20 (1939) 264–268.—Critical consideration of new genera and species proposed by HOULTUYN.
- JACK, W., *Descriptions of Malayan Plants* (Mal. Misc. 1 (1), 1820, 1–27; 1 (5), 1821, 1–41; 2 (7), 1822, i–iii, 1–96).
cf. MERRILL, E. D., J. Arn. Arb. 33 (1952) 199–250, t. 11.—Evaluation of JACK's new genera and species.
- LINNAEUS, C., *Species Plantarum, etc.* ed. 1 (1753–1754) 2 vols.
cf. JACKSON, B. D., *Index to the Linnean Herbarium, with indication of the types of species marked by Carl von Linné* (Proc. Linn. Soc. Lond. 124, 1912, Suppl. 1–152).
- , *Notes on a catalogue of the Linnean Herbarium* (*ibid.* sess. 134, 1922, Suppl. 1–38, 1 fig.).—Supplementary to the latter entry.
- SAVAGE, SP., *A Catalogue of the Linnean Herbarium*. Ed. by the Linn. Soc. London (1945) i–xv, 1–225.—A valuable account of the con-

- tents of the Linnean Herbarium in the possession of the Linnean Society of London indicating the details of the annotations on the sheets.
- LOUREIRO, J. DE, *Flora Cochinchinensis*, etc. (1790) i-xx, 1-744. New verbatim ed. by C. L. WILLDENOW (1793) i-xxiv, 1-882.
- cf. MERRILL, E. D., Trans. Amer. Philos. Soc. Philad. new ser. 24, 2 (1935) 1-445.—A critical commentary; as far as necessary and possible the types in the British Museum have been examined.
- PENNANT, T., *Flora Indica* (in Outlines of the Globe 4, 1800, 237-317, 1-8).
- cf. MERRILL, E. D., J. Arn. Arb. 29 (1948) 186-192.—Evaluation of the new accidental combinations proposed in PENNANT's compilation.
- RAFINESQUE, C. S., *Various works*.
- cf. MERRILL, *Index Rafinesquianus*. Arnold Arboretum, Jamaica Plain, Mass. (1949) i-ix, 1-296.—Complete account and evaluation of the new genera, species, and combinations proposed by RAFINESQUE.
- RHEEDE TOT DRAAKESTEIN, H. A. VAN,¹ *Hortus Indicus Malabaricus* etc. 12 vols (1678-1703).
- cf.² BURMAN, J., *Flora Malabarica, sive index in omnes tomos horti malabarici, quem juxta normam a botanicis hujus aevi receptam conscripsit, et ordine alphabetico digessit* (1769) 1-10.
- DENNSTEDT, A. W., *Schlüssel zum Hortus Indicus Malabaricus* (1818) 1-40.
- BUCHANAN-HAMILTON, F., *Commentary on the Hortus Malabaricus* (1822-1835) 1-410; repr. from Trans. Linn. Soc. 13 (1822) 474-560; 14 (1824) 171-312; 15 (1826) 78-152; 17 (1835) 147-252.
- [DILLWYN, L. W.] *A review of the references to the Hortus Malabaricus of Henry van Rheedee van Draakenstein* (1839) i-viii, 1-69.
- RUMPHIUS, G. E., *Herbarium Amboinense* (1741-1750) 6 vols; (1755), with index universalis, vol. 7 (Auctuarium).—See next entry.
- cf.² BURMAN, J., *Index universalis in sex tomos et auctuarium Herbarii Amboinensis cl. Georgii Everhardi Rumphii* (Herb. Amb. Auct. 1755, 1-20).
- , *Index alter in omnes tomos Herbarii Amboinensis cl. G. Everhardi Rumphii, quem de novo recensuit, auxit et emendavit Joannes Burmannus* (1769) 1-22.—This was issued in connection with BURMAN's index to RHEEDE's *Hortus Malabaricus* and is sometimes bound in the last volume of that work.
- LINNAEUS, C., *Herbarium Amboinense, quod consens. experient. Facult. Medicae in Regia Academia Upsalensi, sub praesidio Linnaei... publico examini submittit, Alumnus Regius Olavus Stickman* (1754) i-iv, 1-28.—Republished with slight alterations under the title: *Herbarium Amboinense, sub praesidio D. D. Car. Linnaei, proposuit Olavus Stickman* (Amon. Acad. 4, 1759, 112-143).
- BUCHANAN-HAMILTON, F., *Commentary on the Herbarium Amboinense. Liber Primus* (Mem. Wern. Soc. 5, 1826. 307-383).
- , *A commentary on the second book of the Herbarium Amboinense* (ibid. 6, 1832, 268-333).
- HENSCHEL, A. G. E. T., *Clavis Herbarii Amboinensis in his Vita G. E. Rumphii* (1833) 139-202.
- HASSKARL, J. K., *Neuer Schlüssel zu Rumph's Herbarium Amboinense* (Abh. Naturf. Gesellsch. Halle 9, 1866, 145-389; reprint 1866, 1-247).
- MERRILL, E. D., *An interpretation of Rumphius's Herbarium Amboinense*. Manila (1917) 1-595, 2 maps.—The latest evaluation of the Rumphian work, which does not rest on actual herbarium specimens, but on the descriptions and plates on which many genera and species have been based.
- THUNBERG, C. P. (ed. L. WINBERG & F. O. WIDMARK), *Florula Javanica* (1825).
- cf. BACKER, C. A., R. C. BAKHUIZEN VAN DEN BRINK JR & C. G. G. J. VAN STEENIS, *Blumea* 6 (1950) 358-362.—Result of an examination of the types preserved at Uppsala as far as new species are concerned.

4. KEYS FOR IDENTIFYING MALAYSIAN PLANTS

- BACKER, C. A., *Schoolflora voor Java*. Weltevreden (1911) vii-cii.—Contains an original key to Javanese plants which has often proved to be useful for regions outside Java, though based on characters strictly belonging to the Javanese species. In Dutch.
- , *Onkruidflora der Javasehe Suikerrietgronden*. Handboek ten dienste van de Suikerriet-cultuur en de rietsuikerfabricage op Java. Vol. 7. Soerabaja (1934) lxxiii-lxxvii.—Key to c. 750 weeds of sugar-cane fields in Java. In Dutch.
- ENDERT, F. H., *Geslachtstabellen voor Nederlandsch-Indische boomsoorten naar vegetatieve kenmerken*. Thesis, Wageningen (1928).—
- (1) The name is spelt in different ways, in the 1st vol. as H. van RHEEDE VAN DRAAKESTEIN, in the last vol. as H. van RHEDE TOT DRAKESTEIN.
- (2) Chronologically.
- Appeared also as 'Mededelingen van het Bosbouwproefstation te Buitenzorg' 20 (1928) 242 pp. (Commun. For. Res. Institute Buitenzorg).—Valuable key to the genera containing trees in Indonesia based on vegetative characters with the aid of a hand-lens. In Dutch.
- GAGNEPAIN, F., *Clef analytique et synoptique des familles de plantes vasculaires décrites dans la Flore Générale de l'Indo-Chine*. Supplément à la Flore Générale de l'Indo-Chine.—Private issue, Paris (1922) 34 pp. Published in a slightly revised edition in the said Flora, tome préliminaire, Paris (1943) 50-89.
- HUTCHINSON, J., *Families of flowering plants*. 1. Dicotyledones. London (1926) 9-80; *ibid.* 2. Monocotyledones. London (1934) 9-25.—Exceedingly useful, general keys covering all genera.
- MERRILL, E. D., *A Flora of Manila*. Manila (1912) 33-45.—A small key of a local Flora, still origin-

al and not without merits for identifying specimens outside the area it covers.

- ST. JOHN, H. & F. R. FOSBERG, *Identification of Hawaiian plants*. Part 1, Dicotyledons. University of Hawaii, Occas. Pap. Bern. P. Bish. Mus. no 36 (1938) 4-25; part 2, Gymnosperms & Monocotyledons, *op. cit.* no 41 (1942) 5-13.-

Intended only for Hawaii; the second part gives keys as far as the genera.

- THONNER, F., *Anleitung zum Bestimmen der Familien der Blütenpflanzen*. 2nd edition, Berlin (1917) 280 pp.-Originally based on a general key to African plants but extended to all flowering plants.

5. FLORAS AND BOTANICAL ENUMERATIONS OF NEIGHBOURING COUNTRIES

India and Pakistan (Nepal, Bhotan)¹

- ANONYMOUS, *Bibliographies of East Indies*. See Chapter 2.

- BEDDOME, R. H., *Icones plantarum Indiae Orientalis, etc.* 1 vol., Madras (1868-1874).-300 pl. with descr.

- , *The Flora Sylvatica for Southern India, etc.* Madras (1869-1874).-Plates of principal timber trees of the Madras Presidency with descr.; 2 vols with 325 pl.; vol. 3 with text of a Flora with keys to genera; species descr. & listed.

- BENTHALL, A. P., *The trees of Calcutta and its neighbourhood*. Calcutta (1946) i-cii, 1-513, fig. 1-274.-Keys to *spp.* mentioned.

- BISCOE, W. F., *A list of trees and shrubs of Indore State*. Bombay (1910) 1-108.-*Non vidi.*

- BLATTER, E., *A Bibliography of the Botany of British India & Ceylon*. See Chapter 2.

- , *Beautiful flowers of Kashmir*. London. 2 vols: 1 (1927) i-xv, 1-198, t. 1-33; 2 (1929) i-xv, 1-204, t. 34-62.-Descr.; short key to *spp.*; plates mostly coloured.

- & F. HALLBERG, *The Flora of the Indian desert* (Jodhpur and Jaisalmer) (Journ. Bombay Nat. Hist. Soc. 26, 1918-1919, 218-246, 525-551, 811-818, t. 1-31; 968-987; *ibid.* 27, 1920-1921, 40-47, 270-279, 506-512, t. 32-37).-Plant list with some new *spp.*

- & C. McCANN, *Revision of the Flora of the Bombay Presidency* (*ibid.* 31-38, 1926-1935, in all 27 parts; unfinished).-Keys.

- , —, & T. S. SABNIS, *The Flora of the Indus Delta* (Journ. Ind. Bot. Soc. 6, 1927, 31-47, 57-78, 115-132; *ibid.* 7, 1928, 22-43, 70-96, 168-175; *ibid.* 8, 1929, 19-77; 50 pl., 140 fig.).-Lists of *spp.* and localities; no keys; composition of the flora; ecological notes.

- & W. S. MILLARD, *Some beautiful Indian Trees*. London (1937) i-x, 1-110, t. 1-91, fig. 1-60 (repr. from articles in Journ. Bomb. Nat. Hist. Soc.).

- BOISSIER, E., *Flora Orientalis, sive Enumeratio plantarum in Oriente, a Graecia et Aegypto ad Indiae fines hucusque observatarum*. Geneva/Bazel (1867-1884) 5 vols + Suppl. vol. (ed. BUSER) 1888.-Enum. of flora of the Near East.

- BOR, N. L., *Manual of Indian Forest Botany*. Oxford Univ. Pr. (1953) xv + 441, t. 1-31.-

(1) Assam, Andamans & Nicobars have for convenience been entered separately at the end.

Families generally; key to families & genera, occasionally to *spp.*

- BRANDIS, D., *Indian Trees*. London (1906) 767 pp., 201 fig.; 3rd ed. (1911).-Flora for foresters; with keys.

- CALDER, C. C., V. NARAYANASWAMI & M. S. RAMASWAMI, *List of species and genera of Indian Phanerogams not included in Sir J. D. Hooker's Flora of British India arranged in alphabetical order* (Rec. Bot. Surv. Ind. 11, 1926, i-ii, 1-157).-List of plant names with reference arranged alphabetically under specific names.

- COLLETT, H., *Flora Simlensis*. Calcutta & Simla (1902); 2nd ed. (1921).-Illustrated Flora with keys.

- COOKE, TH., *The Flora of the Presidency of Bombay*. 3 vols, London (1901-1909).-Not illustrated; keys.

- DUTHIE, J. F., *Flora of the Upper Gangetic Plain, etc.* Calcutta (1903-1922) 3 vols.-Non-illustrated flora with keys.

- FISCHER, C. E. C., *A survey of the flora of the Anaimalai Hills in the Coimbatore District, Madras Presidency* (Rec. Bot. Surv. Ind. 9, 1921, xxi + 218 pp., 5 pl.).-List.

- , *New or little-known plants from Southern India I-XIII* (Kew Bull. 1932-1940).-*Ditto*; records and new *spp.*

- FYSON, P. F., *The Flora of the Nilgiri and Pulney Hill-tops (above 6500 ft)*. Madras (1915-1920). 1 (1915) i-xxvi, 1-475 (keys and descr.); 2 (1915) Atlas with illustr. on 286 pp.; 3 (1920) i-xviii, 1-136, illustr. on pp. 287-581 (Supplement to the original edition and including the country round Coonoor and down to 5000 ft).

- , *The Flora of the South Indian Hill Stations*. Madras (1932) i-xxix, 1-697, Atlas t. 1-611.-Flora with keys & descr.

- GAMBLE, J. S. & C. E. C. FISCHER, *Flora of the Presidency of Madras*. 11 parts, London (1915-1936).-Critical non-illustrated Flora with keys.

- GUPTA, B. L., *Forest Flora of the Chakrata, Dehra Dun and Saharanpur Forest Divisions, United Provinces*. Ed. 3. Calcutta (1928) i-xviii, 1-558.-Keys.

- HAINES, H. H., *The Botany of Bihar and Orissa, etc.* 2 vols, London (1921-1925) i-x, 1-1350. Supplement by H. MOONEY, Ranchi (1950) i-iii, 1-294.-Important Flora with keys and descr.

- HOOKE, J. D. & T. THOMSON, *Flora Indica* vol.

- 1 (1855) i-xv, 1-280, 1-285.—Valuable introductory essay; Ranunculaceae to Fumariaceae; as in Fl. Br. Ind. keys to genera, not to *spp.*
- , *c.s.*, *Flora of British India*. 7 vols (1872-1897).
- MAYURANATHAN, P. V., *The flowering plants of Madras City and its immediate neighbourhood* (Bull. Madras Govt Mus. n.s. (Nat. Hist. Sect.) 2, 1929, 1-345, t. 1-38).—Very short descr.; keys.
- Supplement by E. BARNES (*ibid.* 4, no 2, 1938, i-ii, 1-46, t. 1-7).
- MCCANN, C., *Trees of India. A popular handbook*. Bombay (1947) t. 1-78, 17 fig.—*Non vidi.*
- OSMASTON, A. E., *A Forest Flora of Kumaon*. Allahabad (1927) i-xxxiv, 1-605.—Keys.
- PARKER, R. N., *A Forest Flora of the Punjab with Hazara and Delhi*. Lahore (1918) i-xxxv, 1-577.—Keys. A 2nd ed. in 1924.
- PRAIN, D., *Bengal Plants*. Calcutta (1903) 2 vols, 1-1319.—Flora with keys; Lower Provinces and Chittagong.
- , *Flora of the Sundribuns* (Rec. Bot. Surv. Ind. 2, 1903, 231-370).—Key to genera; *spp.* listed.
- RAO, M. R., *Flowering Plants of Travancore*. Trivandrum (1914).—*Non vidi.*
- RHEEDE TOT DRAAKESTEIN, H. A. VAN, *Hortus Malabaricus*. See Chapter 3.
- ROXBURGH, W., *Plants of the Coast of Coromandel*, etc. 3 vols (1795-1820).—Containing 300 tab.
- , *Hortus Bengalensis*, etc. (1814) i-v, i-xii, 1-76.—Catalogue. For a list of validly published names (based on pre-Linnean descriptions) cf. ROBINSON, C. B., in Philip. J. Sc. 7 (1912) Bot. 411-419.
- , *Flora Indica* (ed. CAREY) 1 (1820) 1-7, 1-493; 2 (1824) 1-5, i-v, 1-588.
- , *ditto* ed. 2 (1832) 3 vols, resp. 741, 691, and 875 pp. Repr. by CLARKE *literatim* (1874).
- SANTAPAU, H., *Bibliography of Indian Botany*. See Chapter 2.
- STEWART, J. L. & D. BRANDIS, *The Forest Flora of North-West and Central India*. London (1874) 2 vols, text i-xxxi, 1-608; Atlas ('Illustrations') t. 1-70.
- TALBOT, W. A., *The Trees, Shrubs, and Woody Climbers of the Bombay Presidency*. Ed. 2, Bombay (1902) i-xi, 1-385.—Keys.
- , *Forest Flora of the Bombay Presidency and Sind*. Poona (1909, 1911) 2 vols: 1 (1909) i-vi, 1-508, i-xxvi, fig. 1-288; 2 (1911) i-xxxvii, 1-574, fig. 289-541.—Descr. illustr., keys.
- WIGHT, R., *Icones Plantarum Indiae Orientalis*. 6 vols (1838-1853) t. 1-2101.
- & G. A. WALKER-ARNOTT, *Prodromus Florae Peninsulae Indiae Orientalis* 1 (1834) i-xxxvii, 1-480.—Partial keys; most of the *Choripetalae*; also *Rubiaceae*.
- Assam:**
- BURKILL, I. H., *The Botany of the Abor Expedition* (Rec. Bot. Surv. India 10, 1924-25, 1-420, t. 1-10).—List; ecology and vegetation.
- FISCHER, C. E. C., *Plants new to Assam I-XIII* (Kew Bull. 1929-1940).—Lists of records and new *spp.*
- KANJILAL & DAS, *c.s.*, *Flora of Assam*. 5 vols (in 6), Calcutta (1935-1940).—Flora with keys; unfinished.
- Andaman Islands:**
- GAMBLE, J. S., *A preliminary List of the Plants of the Andaman Islands*. Port Blair (1903) 54 pp.—List.
- KURZ, S., *Report on the Vegetation of the Andaman Islands*, etc. Calcutta (1870) 75 pp.—List of *spp.* observed.
- PARKINSON, C. E., *A Forest Flora of the Andaman Islands*. Simla (1923) i-v, i-v, i-xiii, 1-325, t. 1-6.—Annotated descr. Flora with keys.
- Nicobar Islands:**
- KURZ, S., *A Sketch of the Vegetation of the Nicobar Islands* (J. As. Soc. Bengal 45, ii, 1876, 105-164, t. 12-13).—*Spp.* listed; some new; sketch of vegetation.
- PRAIN, D., *On a botanical visit to Little Andaman and the Nicobars* (Proc. As. Soc. Beng. 1891, 156-175, 1892).—Lists of *spp.* observed.
- Ceylon**
- ABEYESUNDERE, L. A. J. & R. A. DE ROSAYRO, *Draft of first check-list for Ceylon*. Oxford (1939). Mimeogr. 1-115.—Tree catalogue.
- ALSTON, A. H. G., *The Kandy Flora*. Colombo (1938) i-xvii, 1-109, fig. 1-404.—For the use of schools; keys.
- PETCH, T., *Bibliography of Botany*. See Chapter 2.
- TRIMEN, H. & J. D. HOOKER, *A Handbook to the Flora of Ceylon*. 5 vols + 1 vol. plates, London (1893-1900).—An important suppl. vol. 6 (1931) by A. H. G. ALSTON.
- WILLIS, J. C. & M., *A revised Catalogue of the Flowering Plants and Ferns of Ceylon* (Perad. Manuals of Bot., Entom., Agric. & Hort. no 2, 1911, 1-188).—Name list.
- Burma**
- FISCHER, C. E. C., *Contributions to the Flora of Burma I-XVIII* (Kew Bull. 1926-1941).—Records and descr. new *spp.*
- KURZ, S., *Report on the Forests and Vegetation of Pegu*. Calcutta (1875) 1-97, i-cxxxviii, 1-95, i-xiv, 1-34, maps, t. 1-2.—Extract journey; vegetation; vernacular names and data of forest trees; flora with keys.
- , *Contributions towards a knowledge of the Burmese Flora I-IV* (J. As. Soc. Bengal 43-46, 1874-1877).—Keys!
- , *Forest Flora of British Burma*. 2 vols. Calcutta (1877).—Keys.
- MERRILL, E. D., *The Upper Burma Plants collected by Capt. F. Kingdon Ward on the Vernay-Cutting Expedition, 1938-1939* (Brittonia 4, 1941, 20-188).—List; descr. new *spp.*
- Siam**
- ANONYMOUS, *Bibliographies of Thailand*. See Chapter 2.
- CRAIB, W. G., A. F. G. KERR, J. B. IMLAY, *c.s.*, *Contributions to the Flora of Siam I-LIV* (Kew

- Bull. 1911-1941).—Lists of records and new spp.
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 HOSSEUS, C. C., *Die botanischen Ergebnisse meiner Expedition nach Siam* (Beih. Bot. Centralbl. 28, ii, 1911, 357-457).—List.
 RIDLEY, H. N., *The Flora of Lower Siam* (J. Str. Br. As. Soc. no 59, 1911, 15-234).—List.
 —, *On a collection of plants from Peninsular Siam* (J. Fed. Mal. Stat. Mus. 10, 1920, 65-126).—List.
 WALKER, E. H., *Bibliography of Botany*. See Chapter 2.

Indo-China

- ANONYMOUS, *Bibliographies of Indo-China*. See Chapter 2.
 LECOMTE, H., F. GAGNEPAIN, c.s., *Flore générale de l'Indo-Chine*. 7 vols, 1 vol. Suppl. and tome préliminaire. Paris (1907-1951).—Flora with keys and figures.
 LOUREIRO, J. DE, *Flora Cochinchinensis, etc.* (1790) i-xx, 1-744. For an evaluation cf. MERRILL, Trans. Amer. Philos. Soc. Philad. new ser. 24, 2 (1935) 1-445.
 PIERRE, L., *Flore Forestière de la Cochinchine*. Paris (1879-1907) 26 parts (5 vols) t. 1-400.—Plates accompanied by text; quite some Malaysian plants are mentioned or are critically considered.

Hainan

- MASAMUNE, G., *Flora Kainantensis*. Taiwan (1943) xv + 443 pp.—Enum.; except names and references in Japanese.
 MERRILL, E. D., *An Enumeration of Hainan plants* (Lingn. Sc. J. 5, 1927, 1-186).—List; no keys. Many supplements in later vols of same journal and in Sunyatsenia.
 — & WALKER, *Bibliography of Eastern Asia*. See Chapter 2.

Formosa (Taiwan)

- HAYATA, B., *Flora Montana Formosae* (J. Coll. Sc. Imp. Univ. Tokyo 25 (art. 19), 1908, 1-260, t. 1-41).—Enum. plants above 900 m.
 —, *Materials for a Flora of Formosa* (*ibid.* 30, art. 1, 1911, 1-471).—Descr.
 —, *Icones Plantarum Formosanarum*. (1911-1921) vol. 1-10; Suppl. 5 parts (1925-1932) by Y. YAMAMOTO.—Revisions & descr.; sometimes keys; beautiful illustrations.
 KANEHIRA, R., *Formosan Trees indigenous to the island*. Dep. Forestry, Govt Res. Inst. Taihoku. Revised ed. (1936) i-x, 1-754, fig. 1-664, t. 1-50.—Descr.; synon.; no keys.
 KUDO, Y. & G. MASAMUNE, *Genera Plantarum Formosanarum I* (Ann. Rep. Taihoku Bot. Gard. 2, 1932, 1-141).—*Saururaceae-Rosaceae*. Keys to and descr. of genera.
 MATSUMURA, J. & B. HAYATA, *Enumeratio Plantarum in Insula Formosa, etc.* (J. Coll. Sc. Tokyo 22, 1906, 1-704, t. 1-18).—Enum.; t. 18 is a map.

- MERRILL & WALKER, *Bibliography of Eastern Asia*. See Chapter 2.
 SASAKI, S., *A Catalogue of the Government Herbarium*. Taihoku (1930) vii + 592 pp.

Micronesia

- GLASSMANN, S. F., *The Flora of Ponape* (Bern. P. Bish. Mus. Bull. 209, 1952, 1-152, fig. 1-21).—List; no keys.
 HOSOKAWA, T., *Materials of the botanical research towards the Flora of Micronesia I-XXI* (Trans. Nat. Hist. Soc. Formosa 24-31, 1934-1941, only XIV-XVI in J. Jap. Bot. 13, 1937, 53-203, 274-284, 608-617).—A well-illustrated series of papers with records and new spp.; for some genera keys.
 KANEHIRA, R., *New or noteworthy trees from Micronesia 1-20* (Tokyo Bot. Mag. 46-52, 1932-1938).—Series of illustrated papers with records and descr. new spp.
 —, *Flora Micronesica*. South Seas Bureau (1933) viii, 468, 37 pp., fig. 1-211, t. 1-21.—Well-illustrated Flora with keys but the text except the Latin names in Japanese.
 —, *Plantae novae Micronesicae* (Trans. Nat. Hist. Soc. Formosa 25, 1935, 136-139).—Records and some new spp in a few families.
 —, *An Enumeration of Micronesian plants* (J. Dept Agric. Kyushu Imp. Univ. 4, 1935, 237-464).
 MERRILL, E. D., *An Enumeration of the plants of Guam* (Philip. J. Sc. 9, 1914, Bot. 14-155; *ibid.* 15, 1919, 539-544).—Enum.; descr. new spp.
 —, *Bibliography of the Pacific*. See Chapter 2.
 UTINOMI, H., *Bibliography of Micronesia*. See Chapter 2.
 VOLKENS, G., L. DIELS, c.s., *Beiträge zur Flora von Mikronesien (und Polynesien) I* (Bot. Jahrb. 52, 1915, 1-18); *ditto II* (*ibid.* 56, 1921, 429-577); *ditto III* (*ibid.* 59, 1924, 1-29); *ditto IV* (*ibid.* 63, 1930, 272-323); *ditto V* (*ibid.* 69, 1938, 395-400).—Revisions; sometimes with keys; incomplete.
 WALKER, E. H. & R. TODIN, *Additional phanerogams in the Flora of Guam, with notes on unverified records* (Contr. U. S. Nat. Herb. 30, 1949, 449-468, t. 8-9).—List of records; no novelties.

Melanesia

- BENTHAM, G., *Enumeration of the plants collected by R. B. Hinds Esq. and Mr Barclay, etc.* (in Hook. J. Bot. 2, 1843, 211-240).—List of plants coll. in Fiji, Tanna, New Ireland, and New Guinea, and a few from Ambon (Moluccas).
 BURKILL, I. H., c.s., *On a collection of Plants from New Britain (Neu Pommern)* (Proc. Cambr. Phil. Soc. 9, 1896, 91-98).—List; some new spp.; bibliogr. New Britain Botany.
 BURTT, B. L., *Melanesian Plants* (Kew Bull. 1935, 298-306; *ibid.* 1936, 459-466).—Descr. some new spp. from the Solomons, a single one from Fiji.

DIELS, L., c.s., *Plantae Peekelianae Papuanae* (Notizbl. Berl.-Dahlem 10, 1930, 273-282).—Descr. some new *spp.* and records.

ENGLER, A., c.s., *Uebersicht über die botanischen Ergebnisse der Gazelle-Expedition* (Bot. Jahrb. 7, 1886, 444-480).—*Cyperaceae*, *Gramineae*, *Orchidaceae* were published in *op. cit.* 5 (1884) 89-94; 6 (1885) 233-248; 7 (1885) 435-443.—List of records; also new *spp.*

FOSBERG, F. R.; *Melanesian vascular plants* (Lloydia 3, 1940, 109-124, 1 pl., 5 fig.).—List of 60 *spp.* from the Templeton Crocker Exp. in the Solomon & Santa Cruz Isl.; some new.

HEMSLEY, W. B., c.s., *Flora of the Solomon Islands* (Kew Bull. 1894, 211-215).—List of new *spp.*

—, *ditto* (*ibid.* 1895, 132-139).—Coll. COMINS; list; new *spp.*

—, *Ann. Bot.* 5 (1891) 501-508, t. 27.—Misc. descr. new *spp.*; *Cominsia* n.g.

—, *ibid.* 6 (1892) 203-210, t. 11-14.—Descr. 2 new gen. of *Sapotaceae*.

—, *J. Linn. Soc. Lond. Bot.* 30 (1894) 163-165, 211-217, t. 9-11.—Misc. descr. new *spp.*; *Sararanga* n.g.

LAUTERBACH, C., *Beiträge zur Flora von Neu-Mecklenburg* (Bot. Jahrb. 45, 1911, 354-365).—Records from New Ireland coll. PEEKEL; some new *spp.*

—, *Beiträge zur Flora Papuasiens*.—See under New Guinea. Occasionally Melanesian collections are mentioned.

MERRILL, *Bibliography of the Pacific*. See Chapter 2.

— & PERRY, *Plantae Archboldianae*.—See under New Guinea. In this series, as well as in other papers on the New Guinean flora by A. C. SMITH, C. T. WHITE, etc. Melanesian *spp.* have been recorded or described.

RECHINGER, K., c.s., *Botanische Ergebnisse der wissenschaftlichen Forschungsreise nach den Samoa-Inseln, dem Neuguinea-Archipel und den Salomons-Inseln* (Denkschr. Kais. Ak. Wiss. Wien 84, 1910, 408-455 (*Pteridophytes* and *Cyperaceae*); *ibid.* 89, 1914, 468-621).—List of records and new *spp.* coll. RECHINGER.

—, *Plantae Papuanae* (in FEDDE, Rep. 11, 1912, 179-187).—Descr. misc. new *spp.*; some from New Guinea.

RECORD, M., *A collection of woody plants from Melanesia* (Trop. Woods 81, 1945, 9-45).—List of records of 400 *spp.* coll. WATERHOUSE 1932-1936 from Bougainville, New Britain, etc.; no new *spp.* or new comb.

SCHUMANN, K., *Die Flora des Deutschen Ost-asiatischen Schutzgebietes* (Bot. Jahrb. 9, 1887, 189-223).—List of plants coll. HÖLLRUNG, NAUMANN, etc. from New Guinea, New Britain, Solomons, etc. with occasional new *spp.*

—, c.s., *Die Flora von Neu-Pommern* (Notizbl. Berl.-Dahlem 2, 1898, 59-158, map).—List records and new *spp.*

WHITE, C. T., *Ligneous plants from the Solomon Islands (and New Guinea)* (J. Arn. Arb. 31, 1950, 81-116).—List records and new *spp.*

New Hebrides

GUILLAUMIN, A., *Contributions to the Flora of the New Hebrides. Plants collected by S. F. Kajewski in 1928 and 1929* (J. Arn. Arb. 12, 1931, 221-264, fig. 1-3; *ibid.* 13, 1932, 1-29, fig. 1, 81-126, fig. 1-2, t. 43).—Records and new *spp.*

—, *Compendium de la Flore Phanérogamique des Nouvelles Hébrides* (Ann. Mus. Col. Marseille 55/56, 1948, 1-56).—List of plants known.

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New Caledonia

DÄNIKER, A. U., c.s., *Katalog der Pteridophyta und Embryophyta Siphonogama* (Beibl. Vierteljahrschr. Naturf. Ges. Zürich 77-78, 1932-43, 1-507).

GUILLAUMIN, A., *Matériaux pour la Flore de la Nouvelle-Calédonie*.—A series of 85 revisions and lists, mostly published in Bull. Soc. Bot. Fr. and Not. Syst. 1914-1945. Indispensable for consulting the next work.

—, *Flore analytique et synoptique de la Nouvelle-Calédonie. Phanérogames*. Paris (1948) 1-369.—Merely keys; no descr. of genera & *spp.*; no author names; no references.

MERRILL, *Bibliography of the Pacific*. See Chapter 2.

RENDLE, A. B., E. G. BAKER & S. MOORE, *A Systematic Account of the Plants collected in New Caledonia and the Isle of Pines by Prof. R. H. Compton, M. A. in 1914* (J. Linn. Soc. Lond. Bot. 45, 1921, 245-417, t. 13-24).—List; many new *spp.* not considered by GUILLAUMIN.

SCHLECHTER, R., *Beiträge zur Kenntnis der Flora von Neu-Kaledonien* (Bot. Jahrb. 39, 1907, 1-274, fig. 1-23).—Account of his collections; records and descr.; no keys.

Australia

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BENTHAM, G., assisted by F. VON MUELLER, *Flora Australiensis*. 7 vols. London (1863-1878).—Standard work; keys.

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MUELLER, F. VON, *Second systematic census of Australian plants*. Melbourne (1889) 244 pp.—Enumeration of *spp.* and their distr. in Australia.

North Australia:

EWART, A. J. & O. B. DAVIES, *The Flora of the Northern Territory, etc.* Melbourne (1917) viii + 387 pp., t. 1-27.—Keys.

Queensland:

BAILEY, F. M., *The Queensland Flora*. 6 parts,

index. Brisbane (1899-1902) xxxii + 2015 pp., index (1905) 1-66.—Keys.

—, *Comprehensive Catalogue of Queensland Plants, etc.* Brisbane (1913) 879 pp., 976 fig., 16 tab.

DOMIN, K., See above under Australia. DOMIN's work deals mostly with Queensland plants.

WHITE, C. T., *Ligneous plants collected for the Arnold Arboretum in North Queensland by S. F. Kajewski in 1929* (Contr. Arn. Arb. 4, 1933, 113 pp., t. 1-9).—Enum. & descr.

— & W. D. FRANCIS, *Contributions to the Queensland Flora 1-8* (Proc. R. Soc. Queensland 1921-1944).—*Ditto*.

West Australia:

DIELS, L. & E. PRITZEL, *Fragmenta phytographiae Australiae occidentalis* (Bot. Jahrb. 35, 1904-05, 55-662, fig. 1-70).—Enum.; no keys.

GARDNER, C. A., *Enumeratio plantarum Australiae occidentalis*. Perth (1931) iv + 150 pp.—Name list.

—, *Flora of West Australia*. vol. 1, part 1 (*Gramineae*) (1953); other volumes in course of preparation.

New South Wales:

DIXON, W. A., *The plants of New South Wales, etc.* Sydney (1906) xxiv + 322 pp.—Analytical keys. *Non vidi*.

MAIDEN, J. H. & E. BETCHE, *A census of New South Wales plants*. Sydney (1916) xx + 216 pp.—*Non vidi*.

MOORE, CH. & E. BETCHE, *Handbook of the Flora of New South Wales*. Sydney (1893) xxxix + 582 pp.—*Non vidi*.

Victoria:

EWART, A. J., *Flora of Victoria*. Melbourne (1930) 1257 pp., 349 fig.

South Australia:

BLACK, J. M., *Flora of South Australia*. 4 parts (1922-1929).—Parts 1-3 have already been revised in a 2nd edition; pt 4 is in the press.

Tasmania

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New Zealand

CHEESEMAN, T. F., *Manual of the New Zealand Flora*. 2nd ed. Wellington (1925) xlv, 1163 pp.—Keys.

HOOKE, J. D., *Handbook of the New Zealand Flora, etc.* London (1864-67).—Standard Flora with keys.

Fiji

GIBBS, L. S., c.s., *A contribution to the montane Flora of Fiji (including Cryptogams), with ecological notes* (J. Linn. Soc. Lond. Bot. 39, 1909, 130-212, t. 11-16, fig. 1-2).—Listed records with new spp.

GILLESPIE, J. W., *New plants from Fiji I-III*

(Bern. P. Bish. Mus. Bull. 74, 1930, 1-41, 43-99 (t. 1-57); *ibid.* 83, 1931, 1-32, 33-72 (t. 1-40); *ibid.* 91, 1932, 1-38, 39-81 (t. 1-43)).—Mainly miscellaneous new spp.

GRAY, A., *Botany, Phanerogamia* (in U.S. Exploring Expedition during the years 1838, 1839, 1840, 1841, 1842, under the command of Charles Wilkes, U.S.N., 1854, 1-777, atlas, 1857, t. 1-100).—Listed records and descr.

MERRILL, *Bibliography of the Pacific*. See Chapter 2.

SEEMANN, B., *Flora Vitiensis: etc.* London (1865-1868) 1-324, t. (col.) 1-90.—Descr.

SMITH, A. C., *Fijian Plant Studies* (Bern. P. Bish. Mus. Bull. 141, 1936, 1-166, fig. 1-83).—Account of 1933-1934 expedition; records and new spp. of pteridophytes and phanerogams. — c.s., *Ditto II* (Sargentia 1, 1942, i-iv, 1-148, fig. 1-5).—Results of 1940-1941 expeditions by DEGENER; keys.

—, *Studies of Pacific Island plants I-XVI* (Bull. Torrey Bot. Club 68, 1941, 397-406; J. Arn. Arb. 24, 1943, 347-361; Bull. Torrey Bot. Club 70, 1943, 533-549; J. Arn. Arb. 26, 1945, 97-110, 319-322; *ibid.* 31, 1950, 137-171, 288-319; *ibid.* 32, 1951, 27-58, 226-255; Contr. U.S. Nat. Herb. 30, 1952, 469-522; J. Arn. Arb. 33, 1952, 97-149, 367-402; *ibid.* 34, 1953, 37-51; Contr. U. S. Nat. Herb. 30, 1953, 523-575; J. Arn. Arb. 34, 1953, 97-124).—Mostly dealing with Fijian plants, partly as revisions with keys of separate families.

Samoa

CHRISTOPHERSEN, E., c.s., *Flowering Plants of Samoa* (Bern. P. Bish. Mus. Bull. 128, 1935, 1-221, fig. 1-32).—Records and descr. new spp.

ENGLER, A., c.s., *Uebersicht über die botanischen Ergebnisse der Gazelle-Expedition* (Bot. Jahrb. 7, 1886, 444-480).—*Cyperaceae*, *Gramineae*, *Orchidaceae* were published in *op. cit.* 5 (1884) 89-94; 6 (1885) 233-248; 7 (1885) 435-443.—List of records; also new spp.

GRAY, A., *Botany, Phanerogamia* (in U.S. Exploring Expedition during the years 1838, 1839, 1840, 1841, 1842, under the command of Charles Wilkes, U.S.N., 1854, 1-777, atlas, 1857, t. 1-100).—Listed records and descr.

MERRILL, *Bibliography of the Pacific*. See Chapter 2.

RECHINGER, K., c.s., *Botanische Ergebnisse der wissenschaftlichen Forschungsreise nach den Samoa-Inseln, dem Neuguinea-Archipel und den Salomons-Inseln* (Denkschr. Kais. Ak. Wiss. Wien 84, 1910, 408-455 (Pteridophytes and *Cyperaceae*); *ibid.* 89, 1914, 468-621).—List of records and new spp. coll. RECHINGER.

REINECKE, F., *Die Flora der Samoa Inseln. II. Siphonogams* (Bot. Jahrb. 25, 1898, 578-708, t. 8-13, fig. 1).—Enum.

Southeastern Polynesia

BROWN, F. B. H., c.s., *Flora of Southeastern Polynesia I-III* (Bern. P. Bish. Mus. Bull.; Monocotyle-

- dons: 84, 1931, 1-194, t. 1-35, fig. 1-18; Pteridophytes: 89, 1931, 1-123, t. 1-21, fig. 1-19; Dicotyledons: 130, 1935, 1-386, fig. 1-70, t. 1-9).—Flora with keys of the Marquesas, Society Isl., Tuamotu Arch., Austral Isl., Rapa & Pitcairn.
- DRAKE DEL CASTILLO, E., *Flore de la Polynésie Française*. Paris (1893) i-xxiv, 1-352, map (of Tahiti).—Flora with keys of the Marquesas, Society Isl., Pomotou, Gambier, and Wallis Isl.
- , *Illustrationes Florae Insularum Maris Pacifici*. Paris (1886) 1-458, t. 1-50.—Enum. *spp.* from Fiji, Samoa, Tahiti, Tonga, and SE. Polynesia.
- ENGLER, A., c.s., *Uebersicht über die botanischen Ergebnisse der Gazelle-Expedition* (Bot. Jahrb. 7, 1886, 444-480).—*Cyperaceae*, *Gramineae*, *Orchidaceae* were published in *op. cit.* 5 (1884) 89-94; 6 (1885) 233-248; 7 (1885) 435-443.—List of records; also new *spp.*
- GRAY, A., *Botany, Phanerogamia* (in U.S. Exploring Expedition during the years 1838, 1839, 1840, 1841, 1842, under the command of Charles Wilkes, U.S.N., 1854, 1-777, atlas, 1857, t. 1-100).—Listed records and descr.
- MERRILL, *Bibliography of the Pacific*. See Chapter 2.

6. FLORA OF MALAYSIA PROPER

a. GENERAL WORKS

- BACKER, C. A., *Contributiones ad cognitionem Florae Indiae Batavae* (Bull. Jard. Bot. Btzig III, 2, 1920, 315-330).—Descr. miscellaneous new *spp.*
- BECCARI, O., c.s., *Malesia*. 3 vols. Firenze (1877-1890).—Beautifully illustrated series of semi-monogr. revisions of various groups mostly on the basis of BECCARI's own collections. Other than descr. text in Ital.
- BLUME, C. L., *Bijdragen tot de Flora van Nederlandsch Indië*, parts 1-17 (1825-1827).—Descr. of many new genera and over 1000 new *spp.* from various collections; in Latin.
- , *Enumeratio Plantarum Javae et insularum adjacentium minus cognitarum vel novarum, etc.* Fasc. 1 (1827) i-vi, 1-98; fasc. 2 (1827) i-x, 99-274; Verbatim repr. 1830.—Enum.; descr. (in Latin). Besides plants from Java this work contains also some descr. from other Mal. islands, e.g. from Celebes coll. REINWARDT; some *spp.* based on Rumphian references.
- , *Rumphia, etc.* 4 vols (1836-1849).—Illustrated with col. plates of selected plant groups and genera; in Latin.
- , *Museum botanicum Lugduno-Batavum, etc.* 2 vols (1849-1856) 396 + 256 pp.—Account of Leyden collections; mainly descr. text; not confined to Malaysian plants; many new *spp.*, some new genera; in Latin; a few plates with analyses.
- BOERLAGE, J. G., *Handleiding tot de kennis der Flora van Nederlandsch Indië*. 3 vols (1890-1900).—Incomplete; descriptions of genera, appr. following BENTHAM & HOOKER's *Genera Plantarum*; sometimes keys to the genera; in Dutch.
- , *Catalogus plantarum phanerogamarum quae in horto botanico Bogoriensi coluntur herbaceis exceptis*. 2 parts (1899-1901).—Enum. *spp.* cultivated in Hort. Bog.; some new.
- , TH. VALETON, J. J. SMITH, etc., *Icones Bogorienses*. 4 vols, Leiden (1897-1914).—Planned like HOOKER's *Icon. Plant.*; with many valuable contributions, several new genera and many new *spp.*
- BURKILL, I. H., Some changes in plant names (Kew Bull. 1935, 316-319).—List of transfers from his Dictionary of Econ. Prod. of the Malay Peninsula.
- BURMAN, N. L., *Flora Indica, etc.* Leyden/Amsterdam (1768) i-iv, 1-242, t. 1-67, indices 1-15.—Enum.; no keys; a bibliographic evaluation is given by MERRILL, Philip. J. Sc. 19 (1921) 328-388.
- CHOISY, J. D., *Plantae Javanicae nec non ex insulis finitimis et etiam e Japonia*. Genève (1858) i-iv, 5-30.—Records and descr. of ZOLLINGER's second collection and a continuation of his 'Syst. Verz.'; contains accounts of *Hypericaceae*, *Guttiferae*, *Theaceae*, *Saurauia*, and *Convolvulaceae*; in Latin.
- ENGLER, A., c.s., *Uebersicht über die botanischen Ergebnisse der Gazelle-Expedition* (Bot. Jahrb. 7, 1886, 444-480).—*Cyperaceae*, *Gramineae*, *Orchidaceae* were published in *op. cit.* 5 (1884) 89-94; 6 (1885) 233-248; 7 (1885) 435-443.—List of records; also new *spp.*; from Timor, Solomon Isl., New Britain, New Guinea, Tonga Isl. and Samoa.
- HALLIER f., H., *Neue und bemerkenswerte Pflanzen aus dem Malaiisch-Papuanischen Inselmeer I* (Ann. Jard. Bot. Btzig 13, 1896, 276-327); *ditto II* (Bull. Herb. Boiss. 6, 1898, 213-220, 283-288, 348-360, 604-622); *ditto III* (*ibid.* II, 1, 1901, 667-676); *ditto IV* (Med. Rijksherb. Leiden 26, 1915, 1-8).—Miscellaneous contrib.; records; descr. new *spp.*
- , *Neue Indonesische Dikotyledonen* (in FEDDE, Rep. 2, 1906, 59-64).—New *spp.* and miscellaneous records.
- HASSKARL, J. K., *Adnotationes de plantis quibusdam Javanicis nonnullisque Japonicis, haud rite cognitae e Catalogo Horti Bogoriensis excerptae. Accedunt nonnullae novae species* (in HOEVEN & DE VRIESE, Tijd. Nat. Geschied. & Phys. 10, 1843, 115-150).—List of new records and descr. new *spp.* occurring in the Catalogue of 1844, see next entry.
- , *Catalogus plantarum in Horto Botanico Bogoriensi culturarum alter*. Batavia (1844) 1-391.—Contains descr. of new gen. & *spp.*; also new comb. and new names.
- , *Adnotationes de plantis horti Bogoriensis* (in HOEVEN & DE VRIESE, Tijd. Nat. Geschied. & Phys. 12, 1845, 77-139).—Continuation of the article of 1843.

- , *Retzia, sive observationes botanicae, quas in primis in Horto Botanico Bogoriensi, etc. Pugillus I* (Nat. Tijd. Ned. Ind. 10, 1855, 1–252, 1856).—Descr. mostly of Javanese plants, partly from the Botanic Gardens at Bogor; in Latin.
- , *ditto. Pugillus II* (Acta Soc. Sc. Indo-Neerl. 1, 1856, 1–54).—*Ditto*.
- , *Hortus Bogoriensis descriptus, sive Retzia editio nova, valde aucta et emendata*. Amsterdam & Bonn (1858) xx + 376 pp.—A revised edition of the former work.
- , *ditto, pars II* (Bonplandia 7, 1859, 170–183, 254–274; *ibid.* 8, 1860, 90–100, 118–146).—Miscellaneous descr., mostly of plants from the Botanic Gardens, Bogor; hardly any new *spp.*
- HEYNE, K., *De Nuttige Planten van Nederlandsch-Indië* ('The useful plants of the Netherlands East Indies'). 2nd ed. Weltevreden (1927), 3 vols, ccxi + 1662 pp. Repr. *literatim* (1950) under the title: '*De Nuttige Planten van Indonesië*'.—Critical enum. of useful plants; in Dutch.
- HOCHREUTINER, B. P. G., *Catalogus Bogoriensis novus I–II* (Bull. Inst. Bot. Btzig no 19, 1904, 1–48; *ibid.* no 22, 1905, 1–132; index 1908, 1–22).—Catalogue of the Botanic Gardens, Bogor; contains descr. of new taxa.
- , *Plantae Bogorienses exsiccatae novae vel minus cognitae quae in Horto Botanico coluntur*. Bogor (1904) 1–75, index i–ix.—Contains descr. of miscellaneous new *spp.*
- , *Descriptiones plantarum Bogoriensium exsiccatarum novarum* (Ann. Jard. Bot. Btzig, Suppl. 3, 1910, 815–870).—Miscellaneous descr. of plants cultivated in the Botanic Gardens, Bogor.
- KORTHALS, P. W., *Kruidkunde* ('Botany') in TEMMINCK, Verh. Nat. Geschied. 1 vol. (1840–1844) 1–259, t. 1–70.—Treatments of various groups of his collections.
- MIQUEL, F. A. W., *Flora Indiae Batavae* ¹ (1855–1858) xxiv + 1116 pp.; ² (1858–1859) xii + 704 pp.; 2 (1856–1859) ix + 1103 pp.; 3 (1855–1859) x + 773 pp.—Enum.; no keys.
- , *Choix des plantes rares ou nouvelles, etc.* The Hague (1864) 1–30, t. 1–26, folio.
- , *c.s., Annales Musei botanici Lugduno-Batavi*. 4 vols, Leyden (1863–1869).—Contains many revisions additional to Fl. Ind. Bat.
- , *Illustrations de la Flore de l'Archipel Indien*. 3 parts. Leyden (1870–1871) x + 114 pp., t. 1–37.—Semi-monogr. revisions of various families in Malaysia; continuation of the latter work.
- OCHSE, J. J. & R. C. BAKHUIZEN VAN DEN BRINK, *Indische Groenten* ('Vegetables of the Dutch East Indies'). Batavia-C. (1931) xxxv + 1003 pp., 463 fig.—In Dutch; there is also an English edition (1931).—Descriptions.
- ROXBURGH, W., *Flora Indica*. 2 vols. Serampore (1820–1824); ed. CAREY, 3 vols. London (1832).—The latter edition reprinted *literatim* (1872).—Many types of Malaysian plants are among those described by ROXBURGH, specially from the Malay Peninsula.
- SCHEFFER, R. H. C. C., *Observationes phytographicae I–III* (Nat. Tijd. Ned. Ind. 31, 1870, 1–23, 338–390; *ibid.* 32, 1873, 387–426).—Records and descriptions of new genera & *spp.*, mostly based on the collections of TEYSMANN.
- SMITH, J. J., *Plantae novae vel criticae ex herbario et horto bogoriensi I–III* (Bull. Jard. Bot. Btzig III, 1, 1918, 399–411; *ibid.* 4, 1922, 230–240; *ibid.* 6, 1924, 73–107).—Misc. descr. of Mal. plants with plates.
- STEENIS, C. G. G. J. VAN, *On the origin of the Malaysian mountain flora I* (Bull. Jard. Bot. Btzig III, 13, 1934, 174–260).—Semi-critical enum. of *spp.* belonging to microtherm genera.
- , *Annotated list of literature*. See Chapter 2.
- , *Miscellaneous botanical notes I–VI* (Bull. Bot. Gard. Btzig III, 17, 1948, 383–411; Blumea 6, 1948, 242–263; Bull. Bot. Gard. Btzig III, 18, 1950, 457–461; Reinwardtia 1, 1952, 467–481; Act. Bot. Neerl. 2, 1953, 298–307; Blumea 7, 1954, 595–598).—Misc. notes, records & descr. new genera & *spp.*
- STEENIS-KRUSEMAN, M. J. VAN, *Malaysian Plant Collectors*. See Chapter 2.
- & W. T. STEARN, *Dates of Publication*. See Chapter 2.
- TEYSMANN, J. E. & S. BINNENDIJK, *Nieuwe plantensoorten in 's Lands Plantentuin te Buitenzorg* (Nat. Tijd. Ned. Ind. 2, 1851, 303–310; *ibid.* 3, 1852, 326–332; *ibid.* 4, 1853, 393–398).—Descr. miscellaneous new Malaysian *spp.*
- , *Plantae novae in Horto Bogoriensi cultae* (Nat. Tijd. Ned. Ind. 24, 1862, 305–332; *ibid.* 25, 1863, 399–428; *ibid.* 27, 1864, 15–58).—Important series of descr. of miscellaneous new *spp.* from Malaysia.
- TURCZANINOW, N., *Animadversiones, etc. I–III* (Bull. Soc. Nat. Moscou 273, 1854, 271bis–372; *ibid.* 311, 1858, 185–250, 379–476; *ibid.* 361, 1863, 545–615).—Miscellaneous Latin diagnoses of new genera and *spp.* from the author's herb. in Charkow; several based on ZOLLINGER numbers.
- VRIESE, W. H. DE, *Plantae Indiae Batavae Orientalis, etc.* Leyden (1856–1857) 1–160, t. 1–8.—Revisions of some groups; misc. records and descr. of plants coll. REINWARDT in Java, Celebes, Ambon, Ternate, etc.
- WARBURG, O., *c.s., Monsunia. Beiträge zur Kenntnis der Vegetation des Süd- und Ostasiatischen Monsungebietes*. Leipzig (1900) i–vii, 1–201, t. 1–11.—Descr. various groups of Bryophytes, Fungi, Pteridophytes, and Gymnosperms.
- WITT, H. C. D. DE, *History of Phytography*. See Chapter 2.
- ZOLLINGER, H., *Observationes phytographicae, etc.* (Nat. & Geneesk. Arch. Ned. Ind. 1, 1844, 372–405, 599–616; *ibid.* 2, 1845, 1–19, 200–273, 563–587).—Lists; records & descr. of new genera & *spp.*
- , *Systematisches Verzeichnis der im Indischen Archipel in den Jahren 1842–1848 gesammelten sowie der aus Japan empfangenen Pflanzen*. Zürich (1854–1855). pt 1 (1854) i–xii, 1–80, tab.; pt 2 (1854) 81–160; pt 3 (1855) 1–67.—Enum. of *spp.* from his collections made during his second stay in Java and his trips to Bali,

Lombok, S. Celebes, Saleyer, Flores, Bima, and Sumbawa. Includes also species from Japan received by him. For a continuation see CHOISY and the next entry.

- , *Observations botanicae novae* (Nat. Tijds. Ned. Ind. 14, 1857, 145–176, repr. 1–32).—Misc.

records and descr. of novelties mostly from Java, partly based on his own collections, partly on those of the Botanic Gardens, Bogor, partly from the heritage of KUHLE and VAN HASSELT; continuation and correction of the latter book. In Dutch; descr. in Latin.

b. LOCAL WORKS¹

Sumatra

- BARTLETT, H. H., *Sumatran plants collected in Asahan and Karoland with notes on their vernacular names* (Pap. Mich. Acad. Sc. Arts & Lett. 6, 1926, 1–66).

BOERLAGE, J. G., *Flora; Systematische lijst, etc.* (in VETH, Midden-Sumatra 4, pt 2, 1884, 16–50).—List; some new *spp.* from Central Sumatra. In Dutch.

HILDEBRAND, F. H., Report For. Res. Institute, Bogor, no 8 (1949) 14 pp., mimeogr.—List of tree *spp.* from Djambi Division, South Sumatra.

—, *ditto*, no 9 (1949) 50 pp.—*Ditto*, from Sumatra's East Coast Division.

—, *ditto*, no 56 (1952) 64 pp.—Revised edition of the latter.

—, *ditto*, no 11 (1949) 67 pp.—*Ditto*, from Riouw, Bengkalis & Indragiri.

—, *ditto*, no 36 (1953) 26 pp.—*Ditto*, from Bengkalis (Riouw).

—, *ditto*, no 61 (1953) 67 pp.—*Ditto*, from Riouw & Indragiri.

—, *ditto*, no 12 (1949) 29 pp.—*Ditto*, from Banka & Billiton Islands.

—, *ditto*, no 57 (1952) 46 pp.—Revised edition of the latter.

—, *ditto*, no 19 (1949) 78 pp.—*Ditto*, from Palembang, South Sumatra.

—, *ditto*, no 20 (1949) 19 pp.—*Ditto*, from Lampung Districts, South Sumatra.

—, *ditto*, no 65 (1954) 27 pp.—Revised edition of the latter.

—, *ditto*, no 22 (1949) 47 pp.—*Ditto*, from Bencool Division.

—, *ditto*, no 26 (1950) 60 pp.—*Ditto*, from Sumatra's West Coast Division.

—, *ditto*, no 64 (1953) 67 pp.—Revised edition of the latter.

—, *ditto*, no 29 (1950) 43 pp.—*Ditto*, from Tapanuli Division, Northwest Sumatra.

—, *ditto*, no 67 (1954) 50 pp.—Revised edition of the latter.

—, *ditto*, no 32 (1950) 70 pp.—*Ditto*, from Atjeh Division and neighbouring Simalur Island, N. Sumatra.

JACK, W., *Descriptions of Malayan plants* (in Mal. Miscell. 1 (1), 1820, 1–27; 1 (5), 1821, 1–41; 2 (7), 1822, i–iii, 1–96). Repr. by HOOKER (in his J. Bot. 1, 1834, 358–380; Comp. Bot. Mag. 1, 1835, 147–157, 219–224, 253–272). Again

reprinted at Calcutta (with addition of data in Calc. J. Nat. Hist. 4, 1843, 1–62, 159–213, 305–374, t. 14–16; repr. 1–230).—Descr. of new genera and *spp.*—For an evaluation cf. MERRILL, J. Arn. Arb. 33 (1952) 199–250.

KOORDERS-SCHUMACHER, A., *Systematisches Verzeichnis der zum Herbar Koorders, etc.* II. Abt. Sumatra. Buitenzorg (1910–1914) 1–62.—Account of his coll. in the islands P. Weh & P. Bras (extreme N. extremity of Sumatra) and in Central Sumatra; some new *spp.*

KURZ, S., *Korte schets der vegetatie van het eiland Bangka* (Nat. Tijds. Ned. Ind. 27, 1864, 142–258).—List of his collection from Banka Island; few new *spp.*; in Dutch.

MERRILL, E. D., *Notes on the Flora of Sumatra* (Philip. J. Sc. 14, 1919, 239–250).—Misc. new records and *spp.* from the BARTLETT & LARUE coll.

—, c.s., *An enumeration of plants collected in Sumatra by W. N. & C. M. Bangham* (Contr. Arn. Arb. 8, 1934, 1–178, t. 1–13).—Records and new *spp.* listed.

—, *New Sumatran plants I–IV* (Mich. Acad. Sc. Arts & Lett. 19, 1933, 149–203, t. 16–35, 1934; *ibid.* 20, 1934, 95–112, 1935; *ibid.* 23, 1937, 177–202, 1938; *ibid.* 24, 1938, 63–92, 1939).—Lists of records and new *spp.* based on collections of BARTLETT, HAMEL, RAHMAT SI TOROES and YATES from the northern part of Central Sumatra.

—, *Botanical Results of the George Vanderbilt Sumatran Expedition 1939* (Not. Nat. Acad. Sc. Philad. no 47, 1940, 9 pp.).—New *spp.* from N. Sumatra.

MIQUEL, F. A. W., c.s., *Plantae Junghuhnianae, etc.* 6 parts (1851–1856) 1–570.—Lists, records, & descr.

—, *Sumatra* (Fl. Ind. Bat. Suppl. 1, 1860–1861; repr. 1862).—Complete enum. of the Sumatran flora with descr. of new genera and *spp.*

RENDLE, A. B., c.s., *Dr H. O. Forbes's Malayan plants* (J. Bot. 62–64, 1924–1926, Suppl. 1–149).—Account of FORBES's coll. from S. Sumatra; list with descr. of new gen. & *spp.*

RIDLEY, H. N., c.s., *Results of an Expedition to Korinchi Peak, Sumatra. Botany* (Fed. Mal. St. Mus. 8, pt 4, 1917, 1–145).—List BODEN KLOSS coll. W. Central Sumatra.

—, *A Botanical Excursion to North Sumatra* (J. Mal. Br. R. As. Soc. 1, 1923, 46–113).—List of

(1) The smaller islands are inserted with adjacent large islands or island groups, e.g. those W of Sumatra with Sumatra; Riouw, Banka, Billiton, etc. with Sumatra; Anambas & Natuna Islands with Borneo; Krakatau & Madura with Java, etc. In general the map in vol. 1, facing p. cxii has been followed.

- his collection N. of Toba Lake; various new *spp.*
- , *Plants from Bencoolen, Sumatra* (Kew Bull. 1925, 76–94).—List coll. C. J. BROOKS; records and new *spp.*
- , *The Flora of the Mentawi Islands* (Kew Bull. 1926, 57–94).—List of BODEN KLOSS coll.
- STEENIS, C. G. G. J. VAN, *Die Pteridophyten und Phanerogamen der Deutschen Limnologischen Sunda Expedition* (Arch. f. Hydrobiol. Suppl. vol. 11, 1932, 231–387).—Account of coll. by RUTTNER, mostly waterplants from S. to Central Sumatra; some new records and new *spp.*
- , *Report of a Botanical Trip to the Ranau Region, S. Sumatra* (Bull. Jard. Bot. Btzig III, 13, 1933, 1–56, fig. 1–11).—Records of his own coll.; mostly plant-geographical.
- VRIESE, W. H. DE & F. JUNGHUN, *Bijdragen tot de kennis der Flora van Sumatra* (Ned. Kruidk. Arch. 1, 1846, 1–19).—Misc. records and new *spp.*

Malay Peninsula

ANONYMOUS, *Bibliographies of the Malay Peninsula*. See Chapter 2.

BURKILL, I. H., *Some changes in plant names* (Kew Bull. 1935, 316–319).—List of new comb. made in the following work.

—, *A Dictionary of the Economic Products of the Malay Peninsula*. London (1935) 2 vols, i–xi, 1–2402.—Alphabetic standard account; the new comb. are accounted for in Kew Bull. (1935).

— & M. R. HENDERSON, *The flowering plants of Taiping in the Malay Peninsula* (Gard. Bull. Str. Settl. 3, 1925, 303–458).—List.

— & R. E. HOLTUM, *A Botanical Reconnaissance upon the Main Range of the Peninsula at Fraser Hill* (*ibid.* 3, 1923, 19–110).—*Ditto*.

CORNER, E. J. H., *Notes on the systematy and distribution of Malayan Phanerogams I–IV* (Gard. Bull. Str. Settl. 10, 1939, 1–81; *ibid.* 239–329; *ibid.* 11, 1941, 177–235).—Critical consideration of various genera.

—, *Wayside Trees of Malaya*. Singapore (1940) 2 vols; text i–vii, 1–770, fig. 1–259; Atlas t. 1–228; 2nd ed. (1952) (very slightly revised).—Descr. and keys!

CURTIS, C., *A catalogue of the flowering plants and ferns found growing wild in the Island of Penang* (J. Str. Br. Roy. As. Soc. no 25, 1894, 67–169).—Pages 163–169 are occupied by an appendix by RIDLEY on the Botanists of Penang. *Non vidi*.

FOXWORTHY, F. W., *Commercial timber trees of the Malay Peninsula* (Mal. For. Records 3, 1927, 1–195, map, many plates).—Key to principal trees by bark & wood characters; to each *sp.* a descr. and one or more plates (photographs).

GRAY, A., *Botany, Phanerogamia* (in U.S. Exploring Expedition during the years 1838, 1839, 1840, 1841, 1842, under the command of Charles Wilkes, U.S.N., 1854, 1–777, atlas, 1857, t. 1–100).—Listed records and descr.

GRIFFITH, W., *Notulae ad Plantas Asiaticas* (Posthumous Papers), arranged by J. M.—CLELLAND, 1 (1847) 1–256; 2 (1849) 257–628, i–viii; 3 (1851) 1–436, i–xii; 4 (1854) i–xli, 1–764.—Contains numerous records, notes and descr. of new genera and *spp.* from the Malay Peninsula. To this pertains the Atlas of next item.

—, *Icones Plantarum Asiaticarum* 1 (1847) i–iii, t. 1–62; 2 (1849) i–viii, t. 1–138; 3 (1851) i–v, t. 139–359; 4 (1854) i–xii, t. 360–561.

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—, *A list of plants from Cameron's Highlands, Pahang* (J. Mal. Br. R. As. Soc. 5, 1927, 237–277).—*Ditto*.

—, *Additions to the Flora of the Malay Peninsula* (Gard. Bull. Str. Settl. 4, 1927, 48–56; *ibid.* (1929) 411–414; *ibid.* 5, 1930, 72–80, 92–98; *ibid.* 7, 1933, 87–128).—Records and descr. of new *spp.*

—, *The Flowering Plants of Kuala Lumpur* (Gard. Bull. Str. Settl. 4, 1928, 211–373).—List of *spp.* with notes on their distribution.

—, *New species from the Malay Peninsula* (*ibid.* 5, 1930, 72–80, 5 fig.).—Descr. some new *spp.*

—, *Notes on the Flora of P. Tioman and neighbouring islands* (*ibid.* 5, 1930, 80–93).—List.

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—, *The Flora of the Limestone Hills of the Malay Peninsula* (J. Mal. Br. R. As. Soc. 17, 1939, 13–87).—List; distr.

—, *Malayan wild flowers*. 1. Dicotyledons (Malayan Nature Journ. 4, 1949, 1–181; *ibid.* 6, 1950, 182–399; *ibid.* 1952, 400–472, fig. 1–424); 2. Monocotyledons. Kuala Lumpur (1954) 1–357, fig. 1–201.—Descr. & keys of selected herbaceous plants from the Malay Peninsula.

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HOOKE, J. D., *Illustrations of the Floras of the Malayan Archipelago and of tropical Africa* (Trans. Linn. Soc. Lond. 23, 1860, 155–172, t. 20–28).—Descr. various new genera and *spp.*

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- 305-374, t. 14-16; repr. 1-230).—Descr. of new genera and *spp.*—For an evaluation cf. MERRILL, J. Arn. Arb. 33 (1952) 199-250.
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- MERRILL, E. D., *Additions and corrections of Ridley's Flora of the Malay Peninsula* (Gard. Bull. Str. Settl. 8, 1935, 131-134).—Additional records, mostly alien weeds; some nomenclatorial notes.
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- PLANCHON, J. E., *Catalogue of Malayan plants collected by Thom. Lobb, sets of which have been announced for sale, etc.* (in HOOK. Lond. J. Bot. 6, 1847, 469-473).—Merely a list of preliminary names on p. 472-473.
- RIDLEY, H. N., in KELSALL, *Notes on a trip to Bukit Etam, Selangor* (J. Str. Br. Roy. As. Soc. no 23, 1891, 67-75).—List of plant names; no novelties.
- , *On the Flora of the Eastern Coast of the Malay Peninsula* (Trans. Linn. Soc. Lond. II, 3, 1893, 267-408, t. 61-66).—Account of his collections from E. Pahang, Kelantan, Trengganu, and P. Tioman. Records and descr. of new *spp.*
- , *A botanical excursion to Gunong Jerai* (Kedah Peak) (J. Str. Br. Roy. As. Soc. no 34, 1900, 23-30).—*Non vidi.*
- , *The Flora of Singapore* (J. Str. Br. R. As. Soc. no 33, 1900, 27-196; *ibid.* no 35, 1901, 84-90).—List.
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- , *A Scientific Expedition to Temengoh, Upper Perak* (J. Str. Br. R. As. Soc. no 57, 1910, 5-122).—*Ditto.*
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- , *An Expedition to Mount Menuang Gasing, Selangor, etc.* (J. Linn. Soc. Lond. Bot. 41, 1913, 285-304).—*Ditto.*
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- , *Voorlooper eener Schoolflora voor Java*. Batavia (1908) lxxx + 112 + 8 pp.—Concise Flora with keys to genera and *spp.*; contains part of the Choripetalae: *Ranunculaceae-Leguminosae*; in Dutch.
- , *Plantes exotiques naturalisées dans Java* (Ann. Jard. Bot. Btzg Suppl. 3, 1909, 393-420).—List of introduced plants either cultivated or aliens; in French.
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- BLUME, C. L., *Enumeratio Plantarum Javae et insularum adjacentium, etc.* Leyden 2 fasc. (1827-1828) i-vi, i-x, 1-274; 2nd *literatim* ed. (1830).—List.
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- , *Adnotationes de plantis horti Bogoriensis* (*ibid.* 12, 1845, 77-139).—Continuation of the latter item.
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- , *Account of Javan plants collected by C. F. Hornstedt* (Act. Hort. Berg. 15: 2, 1949, 39-43, fig. 1).—List of coll. HORNSTEDT; no novelties or new comb.
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- THUNBERG, C. (ed. L. WINBERG & F. O. WIDMARK) *Flora Javanica*. Upsala (1825) 23 pp. (cf. also Blumea 6, 1950, 358-362).—List THUNBERG coll.; list with two dozen new spp.
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- ZOLLINGER, H., cf. under MORITZI and Chapter 6a.
- Christmas Island**
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- , *Alabastra Borneensis* (J. Str. Br. R. As. Soc. no 77, 1917, 189–247).—Descr. new spp. from a number of families; material from various sources.
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- MIQUEL, F. A. W., *Analecta Botanica Indica. Pars 1: Stirpes quaedam borneenses* (Verh. 1e Kl. Kon.-Ned. Inst. Amsterdam ser. 3, vol. 3, 1850, 1–30, t. 1–10).—List of misc. records and new spp. from various sources.
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- , *Some plants collected on Mr. Moulton's Expedition to Batu Lawi* (J. Str. Br. R. As. Soc. no 63, 1912, 59–62).—List; descr. some new spp.
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- , *New plants from Sarawak* (Sarawak Mus. J. 1, 1931, 31–52).
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- SMITH, W. W., *Species Borneenses* (Not. R. Bot. Gard. Edinb. 8, 1915, 313–348).—Descr. new spp.
- STAPP, O., *On the flora of Mount Kinabalu, in North Borneo* (Trans. Linn. Soc. Lond. II, Bot. 4, 1894, 69–263, t. 11–20).—Basic records; descr. new genera & new spp.
- STEENIS, C. G. G. J. VAN, *Botanical results of a trip to the Anambas and Natoena Islands* (Bull. Jard. Bot. Btzg III, 12, 1932, 151–211, fig. 1–11).—Lists with records; a few new spp.
- , *Some remarks on the Kinabalu collection of Chaplain J. & M. S. Clemens* (J. Bot. 72, 1934, 1–12).—List of records & new spp.
- WARBURG, O., *Plantae novae borneensis* (in FEDDE, Rep. 18, 1922, 327–330).—Descr. new spp.
- WINKLER, HUB., *c.s.*, *Beiträge zur Kenntnis der Flora und Pflanzengeographie von Borneo* (Bot. Jahrb. 44, 1910, 497–571; *ibid.* 48, 1912, 87–118; *ibid.* 49, 1913, 349–380; *ibid.* 50, Suppl. 1914, 188–208, t. 3–5).—Records & new spp. coll. HUB. WINKLER in SE. Borneo.

Lesser Sunda Islands

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- BRITTEN, J., W. FAWCETT & H. N. RIDLEY, *c.s.*, *Prodromus Florae Timorensis*, etc., in H. O. FORBES, *A Naturalist's Wanderings, etc.* London (1885) App. VI, 497–523.—List of names, sometimes with reference to numbers; some new spp.
- DECAISNE, J., *Description d'un herbier de l'île de Timor* (Nouv. Ann. Mus. Paris 3, 1834, 333–501). Also separately issued, under the title '*Herbarii Timoriensis descriptio*' Paris (1835) 1–173.
- ENGLER, A., *c.s.*, *Uebersicht über die botanischen Ergebnisse der Gazelle-Expedition* (Bot. Jahrb. 7, 1886, 444–480).—Cyperaceae, Gramineae, Orchidaceae were published in *op. cit.* 5 (1884) 89–94; 6 (1885) 233–248; 7 (1885) 435–443.—List of records; also new spp.; Timor.
- HALLIER, H., *Botanische Ergebnisse der Elbert'sche Sunda-Expedition* (Meded. Rijksherb. Leiden no 14, 1912, 1–42; *ibid.* 22, 1914, 1–20; *ibid.* 37, 1918, 1–92).—Lists of plants collected by ELBERT & GRÜNDLER; not finished.
- HILDEBRAND, F. H., *List of tree names*, ed. by the For. Res. Inst. Bogor, no 2 (1940).—List of tree spp. from the islands of Bali and Lombok.

(1) The third contribution is simultaneously cited: 'J. Roy. As. Soc. Mal. Br. vol. 1'.

(2) Numerous papers by RIDLEY on special groups in Borneo have been inserted in Chapter 6c.

(1) The later contributions are by Mr SHAW only.

- , *ditto*, no 3 (1940).—*Ditto* of Lesser Sunda Islands, excl. Bali & Lombok.
- , *ditto*, no 60 (1953) 51 pp.—*Ditto* of Timor.
- MALM, J. VON, *Die Phanerogamenflora der Kleinen Sunda-Inseln und ihre Beziehungen* (in FEDDE, Rep. 34, 1934, 255–307).—List of records from the RENSCH coll.
- , *Einige bemerkenswerte Arten der Steinschen Sammlung aus Timor* (in FEDDE, Rep. 41, 1937, 295–296).—Some records and a new *sp.*
- MEIJER DREES, E., *Distribution, ecology and silvicultural possibilities of the trees and shrubs from the savanna-forest region in Eastern Sumbawa and Timor* (Report For. Res. Inst. Bogor, no 33, 1950, 1–145).—List of tree & shrub *spp.* from the islands of Timor and E. Sumbawa, with short descr.; ecol. and distributional data.
- , *List of tree and shrub names from Timor* (Report For. Res. Inst. Bogor no 33, 1950, mimeogr. 1–61).—Name index coll. For. Res. Inst.
- MOORE, S., E. G. BAKER, H. N. RIDLEY, *c.s.*, *Dr H. O. Forbes's Malayan Plants* (J. Bot. 62–64, Suppl. 1924–1926, 1–149).—Contains some data on *spp.* from Timor.
- SPANOGHE, J. B., *Catalogue of plants found on Timor and the neighbouring islands* (in HOOK. Comp. Bot. Mag. 1, 1835, 344–351).—List of plant names.
- Prodromus Florae Timorensis* (Linnaea 15, 1841, 161–208, 314–350, 476–480).—Records and many new *spp.*
- STEENS, C. G. J. VAN, *On the Origin of the Malaysian Mountain Flora III* (Bull. Jard. Bot. Btjg III, 14, 1936, 58–62).—List of temperate mountain plants from the Lesser Sunda Islands and their distribution.
- ZOLLINGER, H., *Opogave der planten gezien . . . op het eiland Balie* (Nat. & Geneesk. Arch. Ned. Ind. 2, 1845, 588–595).—List of names only; no numbers or references.
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- BLOEMBERGEN, S., *Verslag van een exploratie-tocht naar Midden-Celebes* (Tectona 33, 1940, 377–418).—Lake Lindu & Mt Ngilalaki; incl. lists of trees collected.
- DOCTERS VAN LEEUWEN, W. M., *Botanical results of a trip to the Salajar Islands* (Blumea 2, 1937, 239–277; *ibid.* 3, 1939, 236–237).—List of plant names.
- HEMSLEY, W. B., *c.s.*, *Decades Kewenses XXVI–XXVII* (Kew Bull. 1896, 36–42).—Plants of Mt Bonthain, SW. Celebes, coll. EVERETT.
- HILDEBRAND, F. H., Report For. Res. Inst. Bogor, no 43 (1950) 105 pp.—List of tree *spp.* from South Celebes.
- , *ditto*, no 44 (1951) 53 pp.—*Ditto* of North Celebes.
- KAWAKAMI, T., *On some Celebes plants* (Bot. Mag. Tokyo, 26, 1912, 49–50).—A few records listed.
- KOORDERS, S. H., *Enumeratio specierum phanerogamarum Minahassae*, in 'Verslag eener botanische dienstreis door de Minahassa' (Meded. 's-Lands Plantentuin, Buitenzorg, no 19, 1898, 253–645).—List of records and new *spp.* from NE. Celebes from the KOORDERS coll.
- Some minor corrections on this book were incorporated in 3 articles by its author (in Natuurk. Tijds. Ned. Ind. 61, 1902, 250–261; *ibid.* 63, 1903, 76–89, 90–99), the 1st in Dutch, the others in German.
- , *Supplement op het eerste overzicht der Flora van N. O. Celebes*, vol. 1, § 1, Batavia (1918) 1–30; § 2, Bull. Jard. Bot. Btjg III, 2 (1920) 245–260; vol. 2, § 1 (1922) 9 + 127 pl.; vol. 3 (1922) 1–60. —Descr. and plates of new records and *spp.*
- KOORDERS-SCHUMACHER, A., *Systematisches Verzeichniss der zum Herbar Koorders, etc. III. Abt., Celebes* (1914) 7–141.—NE. Celebes; list KOORDERS numbers.
- LAM, H. J., *c.s.*, *Contributions to our knowledge of the Flora of Celebes* (coll. C. Monod de Froideville) and of some other Malaysian islands (Blumea 5, 1945, 554–599).
- OLIVER, D., *Note on a collection of plants made by Mr Riedel of Gorontalo* (J. Linn. Soc. Lond. Bot. 15, 1877, 97–100).—N. Celebes, coll. A. B. MEYER; descr. miscellaneous new *spp.*
- RICHARD, A., in DUMONT d'URVILLE, *Voyage de découvertes de L'Astrolabe*, etc. vol. 2. *Sertum Astrolabianum*. Paris (1834) i–lvi, 1–167; Atlas (1833) t. 1–39.—Records and descr. new *spp.* *Non vidi.*
- Philippines**
- AHERN, G. P., *Compilation of notes on the most important timber tree species of the Philippine Islands* (1901) 1–112, t. (col.) 1–43.—Descr. plates.
- ANONYMOUS, *Bibliographies of the Philippines*. See Chapter 2.
- BLANCO, M., *Flora de Filipinas, etc.* (1837) i–lxxviii, 1–887; ed. 2 (1845) i–lix, 1–619; ed. 3, directed by NAVES & FERNANDEZ-VILLAR, 1 (1877) i–xxx, 1–350, index, 2 (1878–79) 1–419, index i–viii, 3 (1879) 1–271, index i–vi, 4¹ (1880) i–xvii, 1–108, 4² (1880) i–vi, 1–63, 4³ (1880–83) i–ix, 1–375, t. 1–473.
- For dates of publication cf. MERRILL, E. D., Philip. J. Sc. 12 (1917) Bot. 113–116.
- For an evaluation of the works, see Chapter 3.
- BROWN, W. H., *Minor products of Philippine forests* (Philip. Forestry Bull. 22; 3 vols, Manila 1920–1921).—Illustrated account of useful plants with descr. arranged according to uses; not a phyto-graphic work.
- , *Useful Plants of the Philippines* (Commonwealth of the Philippines, Dep. Agric. & Commerce, Manila, Techn. Bull. no 10, 3 vols, 1950: 1–590, fig. 1–253; 1–513, fig. 1–239; 1–507, fig. 1–170).—Useful plants systematically arranged in families; descr. of *spp.*; in some genera also keys. Photo-lithographed in Australia.
- ELMER, A. D. E., *c.s.*, *Leaflets of Philippine Botany*, vol. 1–10 (1906–1939).—Accounts of records and new *spp.*; extracted for Chapter 6c.
- GRAY, A., *Botany, Phanerogamia* (in U.S. Exploring Expedition during the years 1838, 1839,

- 1840, 1841, 1842, under the command of Charles Wilkes, U.S.N., 1854, 1-777, Atlas, 1857, t. 1-100).—Listed records and descr.
- KANEHIRA, R., *A list of plants collected at Davao, P.I.* (Bult. Sci. Fak. Terkult. Kjušu Imp. Univ. 7, 1936, 228-238).—List of vascular plants coll. KANEHIRA in Mindanao; text in Japanese. *Non vidi*.
- MERRILL, E. D., *Plantae Ahernianae*, in Report on investigations made in Java in the year 1902 (Philip. Bur. For. Bull. 1, 1903, 15-55).—List of AHERN coll.; records and some new spp.
- , *Notes on Cuming's Philippine plants in the Herbarium of the Bureau of Government Laboratories* (Govt Lab. Publ. (Philip.) no 35, 1905, 69-77).—Evaluation of a number of spp.; descr. of some new spp.
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- , *The flora of the Lamao Forest Reserve* (Philip. J. Sc. 1, 1906, Suppl. 1-141).—List; also new spp.
- , *Index to Philippine literature.* See Chapter 2.
- , *Some genera and species new to the Philippine Flora* (*ibid.* 2, 1907, Bot. 421-428).—Misc. records and new spp.
- , *The Flora of Mt Halcon, Mindoro* (*ibid.* 2, 1907, Bot. 251-309).—List of records and new spp.
- , *The Philippine plants collected by the Wilkes United States Exploring Expedition* (*ibid.* 3, 1908, Bot. 73-84, t. 1-4).—Evaluation.
- , *New Philippine plants from the collections of M.S. Clemens I* (*ibid.* 3, 1908, Bot. 129-165).—Descr. of new genera and spp.
- , *On a collection of plants from the Batanes and Babuyan Islands* (*ibid.* 3, 1908, Bot. 385-442).—List of records and new spp.
- , *A Flora of Manila.* Manila (1912) 1-490.—Flora with keys.
- , *Nomenclatural and systematic notes on the Flora of Manila* (Philip. J. Sc. 7, 1912, Bot. 227-251).—Records; some new names, new spp. and comb.
- , *Sertulum Bontocense: new or interesting plants collected in Bontoc Subprovince, Luzon, by Father Morice Vanoverbergh I* (*ibid.* 7, 1912, Bot. 71-107); *ditto II* (*ibid.* 9, 1914, Bot. 443-459).—Lists of records and new spp.
- , *Plantae Wenzelianae* (*ibid.* 8, 1913, Bot. 363-390); *ditto II* (*ibid.* 9, 1914, Bot. 353-389); *ditto III* (*ibid.* 10, 1915, Bot. 265-285).—List of records and new spp.
- , *Genera and species erroneously credited to the Philippine flora* (*ibid.* 10, 1915, Bot. 171-194).
- , *New plants from Sorsogon Province, Luzon* (*ibid.* 11, 1916, Bot. 1-35).—Descr. of miscellaneous new spp.
- , *New plants from Samar* (*ibid.* 11, 1916, Bot. 175-206).—Descr. new spp.
- , *New Philippine shrubs and trees* (*ibid.* 12, 1917, Bot. 263-303).—*Ditto*.
- , *Species Blancoanae.* Manila (1918) 1-423.
- , *An Enumeration of Philippine Flowering Plants.* Manila, 4 vols (1923-1926).—Indispensable reference work; general chapters; bibliography.
- , *New species of Philippine plants collected by A. Loher* (Philip. J. Sc. 27, 1925, 21-59).—Descr. new spp.
- , *Additions to our knowledge of the Philippine Flora* (*ibid.* 26, 1925, 447-496); *ditto II* (*ibid.* 29, 1926, 475-497, t. 1); *ditto III* (*ibid.* 30, 1926, 389-430).—*Ditto*.
- , *Nomenclatural notes on Philippine plants* (*ibid.* 35, 1928, 1-9).
- , *Miscellaneous notes on Philippine botany* (*ibid.* 60, 1936, 27-35).—Records and new spp.
- & M. L. MERRITT, *The Flora of Mt Pulog* (*ibid.* 5, 1910, Bot. 287-401).—Collecting list of records and new spp.
- & R. A. ROLFE, *Notes on Philippine Botany* (*ibid.* 3, 1908, Bot. 95-127).—List records and new spp.
- NAVES, A. & C. FERNANDEZ-VILLAR, *Novissima Appendix ad Floram Philippinarum R. P. Fr. Emmanuelis Blanco, seu enumeratio contracta plantarum philippinensium hucusque cognitarum. Cum synonymis P. P. Blanco, Llanos, Mercado et aliorum auctorum* (in BLANCO, Fl. FILIP. ed. 3, 4³, 1880-83, i-ix, 1-375).—List of records, sometimes descr.; some new spp.
- PERKINS, J., c.s., *Fragmenta Florae Philippinae* (1904-1905) pt 1-3, 1-212, t. 1-4.
- PRESL, C. B., *Reliquiae Haenkeanae, seu descriptiones et icones plantarum, quas in America meridionali et boreali, in insulis Philippinis et Marianis collegit Thaddeus Haenke.* 1 (1825-30) i-xv, 1-356, t. 1-48; 2 (1835-36) 1-152, t. 49-72. Vol. 1 (1825) 1-84, (1827) 85-148, (1828) 149-206, (1830) 207-356. Vol. 2 (1831) 1-56, (1835) 57-152.—List; descr. of gen. and spp.
- QUISUMBING, E., *Medicinal plants of the Philippines.* Manila (1951) 1234 pp.—Synonymy; popular descr.; not a phytographic work.
- , *New or interesting Philippine plants I* (Philip. J. Sc. 41, 1930, 315-371, fig. 1-28, t. 1-3); *ditto II* (*ibid.* 76, 1944, 37-56).—New records and descr.
- & E. D. MERRILL, *New Philippine plants I-II* (*ibid.* 37, 1928, 133-213, t. 1-4; *ibid.* 82, 1953, 323-339, t. 1-5).—*Ditto*.
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- ROLFE, R. A., *Supplementary list of Philippine plants* (J. Bot. 23, 1885, 209-216).—List of names of CUMING numbers; some new comb.
- VIDAL Y SOLER, S., *Sinopsis de familias y géneros de plantas leñosas de Filipinas. Introducción a la flora forestal del archipiélago filipino* (1883) i-xviii, 1-411, Atlas t. 1-100.—*Non vidi*.
- , *Phanerogamae Cumingianae Philippinarum ó Índice numérico y catálogo sistemático de las plantas fanerogamas coleccionadas en Filipinas por Hugh Cuming, con características de algunas*

especies no descritas y del género Cumingia (Malvaceas) (1885) i-xv, 1-217, t. 1.—Name list with descr. new *spp.* in Latin.

- , *Revision de plantas vasculares Filipinas* (1886) i-vi, 1-454, t. 1-2.—List; descr. new *spp.* in Latin; text in Span.

Moluccas

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BRITTEN, J., c.s., *List of plants from Timor Laut* (in: FORBES's Wanderings, etc. 1885, App. 354-355).—List of plants from the Tenimber Islands (= Timor Laut); coll. FORBES and RIEDEL.

HEMSLEY, W. B., c.s., *The Southeastern Moluccas* (in Rep. Scient. Results H. M. S. Challenger, Botany, vol. 1, pt 3, 1885, 101-226).—Records.

HILDEBRAND, F. H., Report For. Res. Inst. Bogor, no 49 (1951) 59 pp.—List of tree *spp.* of Southern Moluccas.

—, ditto, no 45 (1951) 53 pp.—Ditto of Northern Moluccas.

HOLTHUIS, L. B. & H. J. LAM, *A first contribution to our knowledge of the flora of the Talaud Islands and Morotai* (Blumea 5, 1942, 93-256).—List records & new *spp.*

LAM, H. J., *Mianghas (Palmas)*. Batavia (1932) 1-66.—List of plants of this N. Moluccan islet in App. 2, p. 57-62.

MERRILL, E. D., *Reliquiae Robinsonianae* (Philip. J. Sc. 11, 1916, Bot. 243-249).—Records and new *spp.* from Ambon.

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RANT, A., *Twee botanische reizen naar Ambon* (Nat. Tijd. Ned. Ind. 94, 1934, 100-133).—List of *spp.* from Ambon & Ceram.

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THISELTON-DYER, W. T., *Report on the botany of Mr H. O. Forbes's expedition to Timor Laut* (J. Linn. Soc. Lond. Bot. 21, 1885, 370-374).—Merely listed names without references or numbers compiled by OLIVER.

WARBURG, O., *Beiträge zur Papuanischen Flora* (Bot. Jahrb. 13, 1891, 230-455).—Records and new descr. of his coll.; incl. also those of the S. Moluccas (Aru & Key Islands).

—, *Vegetationsschilderungen aus Südost Asien* (Bot. Jahrb. 17, 1893, 169-176).—Plants of Ceram Laut (= Gebeh), an islet off SE. Ceram; only names in text; no proper records.

New Guinea

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—, etc., *Botanical reports in the Appendices of the Annual Reports of British New Guinea* (1897-1909).—Ditto.

—, *Contributions to the New Guinea Flora* (Proc. R. Soc. Queensl. 18, 1903, repr. p. 1-5).—List; some new *spp.*

BAKER, E. G., S. MOORE, c.s., *Dr H. O. Forbes's New Guinea plants* (J. Bot. 61, 1923, 53-55 and Suppl. 1-64).—Listed account of the FORBES coll.; records and new genera and *spp.*

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BOERLAGE, J. G., *Bibliography of New Guinea*. See Chapter 2.

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—, *Descriptions of new species collected in British Papua by L. J. Brass* (J. Arn. Arb. 10, 1929, 75-84).—New *spp.* of some families.

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HEMSLEY, W. B., c.s., *The Admiralty Islands* (in Report Scient. Results H. M. S. Challenger, Botany, vol. 1, pt 3, 1885, 227-275).—Records listed.

—, c.s., *Flora of British New Guinea* (Kew Bull. 1899, 95-126).—Records and descr. new *spp.* coll. ENGLISH, GIULIANETTI, etc.

- , *Report on Botanical Collections* (Ann. Report Brit. New Guinea 1897/1898, 1899, 147–150).—List records.
- HILDEBRAND, F. H., *List of tree names* issued by For. Res. Institute, Bogor, no 6 (1941).—List of tree *spp.* from West New Guinea.
- , *ditto* (1953) 46 pp.—Revised edition of the latter.
- KANEHIRA, R., *An enumeration of plants collected in the Mandated Territory of New Guinea I–III* (Bot. Mag. Tokyo 52, 1938, 349–357, 409–416; *ibid.* 53, 1939, 8–16).—Records; few new *spp.*
- & HATUSIMA, S., *c.s.*, *The Kanehira-Hatusima 1940 collection of New Guinea plants I–XXI* (Bot. Mag. Tokyo 55–57, 1941–1943).—Mostly on the flora of Mt Arfak; records and descr. new *spp.*
- KOSTERMANS, A. J. G. H., *Notes on New Guinea plants I–III* (Bull. Bot. Gard. Btzg III, 18, 1950, 435–448, fig. 1–3).—Descr. new gen. & *spp.*
- LAM, H. J., *Bibliography of New Guinea*. See Chapter 2.
- LANE-POOLE, C. E., *The Forest Resources of the Territories of Papua and New Guinea*. Parliam. Commonw. Australia (1925) iv + 209 pp., figs.—Contains important field-notes of L.-P.'s coll.
- LAUTERBACH, C., L. DIELS & R. SCHLECHTER, *c.s.*, *Beiträge zur Flora von Papuasien* (Bot. Jahrb. onwards of vol. 49, 1912).—Important series of revisions, mostly dealing with the former area, but sometimes covering the whole of New Guinea and incl. data on Melanesia; often keys.
- MERRILL, E. D. & L. M. PERRY, *c.s.*, *Plantae Papuanae Archboldianae I–XVIII* (J. Arn. Arb. 20–30, 1939–1949).—Important series of records and descr. mainly of the BRASS collections, continued by Miss PERRY in the shape of revisions of families and genera which have been included in Chapter 6c.
- , *Note on some Papuan collections of M. S. Clemens* (*ibid.* 29, 1948, 152–168).—Records and descr. new *spp.*
- MIKLOUHO-MACLAY, N. DE (& F. VON MUELLER), *List of plants in use by the natives of the Maclay-coast, New Guinea* (Proc. Linn. Soc. N.S.W. 10, 1885, 346–358).—List useful *spp.* with notes.
- MOORE, S., *New species of Papuan plants* (J. Bot. 67, 1929, 49–51).—Records and some new *spp.* coll. BRASS.
- MUELLER, F. VON, *Descriptive notes on Papuan plants*. Parts 1–9 (2 vols): 1 (1875–1877) 1–94; 2 (1877–1890) 1–70.—Records and descr. new *spp.*
- , Numerous small papers in 'Melbourne Chemist and Druggist', 'Australasian Journal of Pharmacy', 'Victorian Naturalist', 'Wing's Southern Science Record', 'Proc. Linnean Soc. New South Wales', 'Trans. Roy. Soc. Victoria', 'Journal of Botany', 'Ann. Rep. Br. N. G.', etc. (1884–1896).—Inserted in Chapter 6c as far as suitable.
- , *Report on a small collection of plants from the Aird-River, obtained by Mr Theodore Bevan during his recent expedition* (Proc. Linn. Soc. N.S.W. II, 2, 1887, 419–422, t. 6–7).—List of names; descr. some new *spp.*
- , *Records of observations on Sir William MacGregor's highland plants from New Guinea 1889* (Trans. R. Soc. Victoria 1³, 1889, 1–45).—Records; descr. new *spp.*
- OLIVER, D., *List of plants collected in New Guinea by Dr. A. B. Meyer . . .* (J. Linn. Soc. Bot. 15, 1877, 29–30).—Small list with a few new *spp.*
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- RECHINGER, K., *Plantae novae Papuanae* (in FEDDE, Rep. 11, 1912, 179–187).—Descr. new *spp.* from New Guinea (& the Solomons).
- , *Botanische und zoologische Ergebnisse einer wissenschaftlichen Forschungsreise nach den Samoainseln, dem Neuguinea-Archipel und den Salomonsinseln* (Denkschr. Math.-Naturw. Kl. K. Ak. Wiss. Wien 89, 1914, 443–672, 707, t. 1–8).—List of records with new *spp.*; few from New Guinea.
- REHDER, A., *c.s.*, *A Supplement to C. T. White, 'Ligneous plants collected in the Territory of Papua (British New Guinea) in 1925–26 by L. J. Brass'* (J. Arn. Arb. 14, 1933, 62–67).—Listed records; no new *spp.*
- RIDLEY, H. N., *On the Monocotyledonous plants of New Guinea collected by Mr H. O. Forbes* (J. Bot. 24, 1886, 321–327, 353–360).—Records with new *spp.*
- , *Plantae novae papuanae* (*ibid.* 52, 1914, 289–296). On FORBES's coll.; records & new *spp.*
- , *c.s.*, *Report on the botany of the Wollaston Expedition to Dutch New Guinea 1912–1913* (Trans. Linn. Soc. Lond. II, Bot. 9, 1916, 1–269, t. 1–6).—Descr. & records of the BODEN KLOSS coll. from Mt Carstensz.
- SALVERDA, Z., *Rapport van een . . . exploratie in Zw. Nieuw Guinea*. For. Rep. mimeogr., Buitenzorg (1938) 122 pp. + many app.—In App. I, p. 1–12, a list of tree *spp.* collected in West New Guinea, MacCluer Gulf area; in Dutch.
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- & C. LAUTERBACH, *Die Flora der deutschen Schutzgebiete in der Südsee* (1900) i–xvi, 1–613, t. 1–22, map.—Enum.; descr. new *spp.*, incl. also those of Micronesia.

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VALETON, TH., *Plantae papuanae* (Bull. Dép. Agr. Ind. Néerl. no 10, 1907, 1-72).—Records and new *spp.*

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—, *Bergpflanzen aus Kaiser Wilhelmsland* (*ibid.* 16, 1892, 1-32).—Records and descr. new *spp.*

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—, *On a small collection of plants from the Rigo District, Papua* (Proc. Linn. Soc. N. S. W. 51, 1926, 296-298, t. 17).—*Ditto*.

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c. PROPER TAXONOMIC BIBLIOGRAPHY

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— & N. E. NANNENGA-BREMEKAMP, A preliminary survey of the Ruelliaeeae of the Malay Archipelago and New Guinea (Verh. Kon. Ned. Akad. Wet. A'dam sect. 2, 45, no 1, 1948, 1-39).—Key to subtribes, genera and *spp.* comprising e.g. revisions of *Dipteracanthus* and *Eranthemum*. Two new genera: *Nothoruellia* and *Pararuellia* (*Aporuella*).

HALLIER, F. H., Indonesische Acanthaceen (Nova Acta, Abh. Kais. Leop.-Car. Deut. Akad. Naturf. 70, 1897, 195-224, t. 9-16).—New *spp.* mainly in *Hemigraphis*; revision of *Ptyssiglossis*.

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RADLKOFER, L., Ueber den systematischen Werth der Pollenbeschaffenheit bei den Acanthaceen (Sitz.-Ber. Math. Phys. Kl. Bayer. Akad. Wiss. 13, 1883, 256-314).—Significance of pollen structure in subdividing the family.

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Local

Africa: LINDAU, Bot. Jahrb. 17 (1892) 89-113;

ibid. 20 (1894) 1-76.—List; descr. new *spp.* & gen.

SE. Asia: ANDERSON, J. Linn. Soc. Lond. Bot. 9 (1867) 425-526.—Conspectus generum; enum. of *spp.* in India; no keys.

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—, J. Bombay Nat. Hist. Soc. 51 (1953) 349-368.—Addition to latter paper; some new keys to *spp.* of various genera.

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IMLAY, Kew Bull. (1939) 109-150.—Critical notes and descr. of new *spp.* & genera from Siam.

Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 154-155.—Small list; some new comb.

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—, J. Mal Br. R. As. Soc. no 87 (1923) 81-83.—List; several new *spp.*

—, Kew Bull. (1925) 87.—New *Sphinctacanthus*.

Malay Peninsula: AIRY SHAW, Kew Bull. 1951 (1952) 370.—*Limnophila viscida* RIDL. reduced to *Staurogyne*.

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— & BACKER, in BACKER, Bekn. Fl. Java (em. ed.) 9 (1949) fam. 198, p. 1-101.—In Dutch; keys!

LINDAU, in FEDDE, Rep. 13 (1915) 550-554.—Descr. 5 new *spp.* from Java, 1 from Sumbawa, 1 from Celebes.

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Borneo: VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 398.—New rheophytic *Hygrophila*.

Philippines: BREMEKAMP, Philip. J. Sc. 80 (1951) 11-21.—Descr. new *spp.*

- , *ibid.* 81 (1952) 133–134.—2 new *spp.*
 CLARKE, Govt Lab. Publ. Philip. no 35 (1905) 89–93.—Misc. descr.
 —, Philip. J. Sc. 1 (1906) Suppl. 247–249.—Descr. some new *spp.*
 ELMER, Leaf. Philip. Bot. 5 (1913) 1685–1704.—Misc. new *spp.* from Palawan.
 —, *ibid.* 10 (1939) 3673–3679.—Misc. new *spp.*
 LINDAU, in PERKINS, Fragm. Fl. Philip. (1904) 38–41.—List; no new *spp.*
 MERRILL, Philip. J. Sc. 26 (1925) 490–491.—New *Hypoestes*.
 —, *ibid.* 27 (1925) 54–55.—2 new *spp.*
 —, *ibid.* 29 (1926) 486–489.—5 new *spp.*
 —, *ibid.* 30 (1926) 426–428.—2 new *spp.*
 —, *ibid.* 41 (1930) 358–361, fig. 23–24.—*Ditto*.
 QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 199–200.—New *Hallieracantha*.
 Celebes: BREMEKAMP, Svensk Bot. Tidskr. 42 (1948) 372–403.—List of KAUDERN & KJELLBERG coll.; new *spp.*
 —, *ibid.* 43 (1949) 63–64.—New *Hypoestes* from Saleier Isl.
 HEMSLEY, Kew Bull. (1896) 39.—New *Strobilanthes*.
 Moluccas: MERRILL, Philip. J. Sc. 11(1916) Bot. 313.—New *Lepidagathis* and *Pseuderanthemum* from Ambon.
 New Guinea: LAUTERBACH, Nova Guinea 8 (1910) 333–334.—New *Staurogyne*.
 LINDAU, Bot. Jahrb. 19 (1894) Beibl. 48, 3–7.—List; some new *spp.*
 —, *ibid.* 50 (1913) 166–170.—Descr. *Strobilanthes* n. sp.; *Ancylacanthus* and *Jadunia* n. g.
 —, *ibid.* 55 (1918) 135–136.—Descr. 2 new *spp.*; *Gymnophragma* n. g.
 MOORE, J. Bot. 58 (1920) 190–195.—List; descr. new *spp.*; *Hulemacanthus* n. g.
 RIDLEY, J. Bot. 52 (1914) 294–296.—Descr. 2 new *spp.*

Genera

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Eranthemum (*Daedalacanthus*): BREMEKAMP & NANNENGA-BREMEKAMP, Verh. Kon. Ned. Akad. Wet. A'dam sect. 2, 45, no 1 (1948) 33–39.—Key to endemic *spp.* and var. of Mal.
Hallieracantha: STAFF, J. Linn. Soc. Bot. 38 (1907) 6–17.—Revision; now very incomplete.
Hemidaphys: MERRILL, Philip. J. Sc. 12 (1917) Bot. 109–110.—Record.
Lepidagathis: NEES AB ESENBECK, Monographia generis *Lepidagathis* (Nov. Act. Ac. Caes. Leop.-Car. Nat. Cur. 19, Suppl. 2, 1841, xxi–liv; repr. separately under the title: 'Lepidagathis illustratio monographica' 1841, 1–40).—Descr. & synopsis of *spp.*, some new; key to groups.
Pseuderanthemum: HALLIER f., Ann. Jard. Bot. Btzg 15 (1898) 26–37.—Descr. new Sumatran *spp.*; 2 new sections.
Ptyssiglottis: HALLIER f., Nova Acta, Abh. Kais. Leop.-Car. Deut. Akad. Naturf. 70 (1897) 212–224, t. 14–16.—Revision; key.
 MOORE, J. Bot. 60 (1922) 355–358.—*Ditto*.

- Pycnostachys*: BRUCE, Kew Bull. (1939) 563–593, 5 maps.—Complete revision; key; Afr. genus, some *spp.* sometimes cultivated.
Sanchesia: LEONARD, J. Wash. Acad. Sc. 16 (1926) 484–492.—Revision; key.
Sautiera: VALETON, Ic. Bog. 4 (1912) t. 327.—Native of Timor.
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Thunbergia: BACKER, Trop. Natuur 5 (1916) 136–137.—Native and cultivated Jav. *spp.*; in Dutch; key!
 LINDAU, Bot. Jahrb. 17 (1893) Beibl. 41, 31–44.—Revision; no descr.; key!

ACERACEAE

- BLOEMBERGEN, S., Fl. Mal. I, 4 (1948) 3–4, 1 fig.
 PAX, F., Pflanzenreich Heft 8 (1902) 1–89.

Genera

- Acer*: FANG, Contr. Biol. Lab. Sc. Soc. China, bot. ser. 11 (1939) ix + 346 pp.—Revision Chin. *spp.*
 LI, Pacif. Science 6 (1952) 288–294.—*Spp.* of Formosa and Riukiu Isl.; descr.; key!
 VAN STEENIS, Bull. Bot. Gard. Btzg III, 18 (1950) 458–459.—Records from Malaya and Timor.
 —, Fl. Mal. 1, 4 (1954) 592.—Proper name of Mal. *Acer* is *A. laurinum* HASSK.

ACTINIDIACEAE

(incl. also *Saurauiceae*¹)

- GILG, E. & E. WERDERMANN, Pflanzenfamilien ed. 2, 21 (1925) 36–45.

Genera

- Actinidia*: P'EI & LAW, Bot. Bull. Acad. Sinica 2 (1948) 25–33.—*Spp.* of Szechuan & Sikang; key!
 DUNN, J. Linn. Soc. Bot. 39 (1911) 394–410.—Revision; key!
 LI, J. Arn. Arb. 33 (1952) 1–61.—Revision; key!
 VAN STEENIS, Fl. Mal. I, 4 (1948) 37–39, fig. 1.

Saurauia (*Trematanthera*)

- BURTT, B. L., in HOOK. Ic. Pl. 34 (1936) t. 3316.—Descr. of a new *sp.* of the Solomons. Constructive remarks on the structure of the subdivisional affinities (series of DIELS).
 BUSCALIONI, L. & MUSCATELLO, G., Malpighia 24–30.—Revision New World *spp.*
 GILG, C. & E. WERDERMANN, Pflanzenfamilien ed. 2, 21 (1925) 42–45.
 KORTHALS, P. W., in TEMMINCK, Verh. Nat. Gesch. Bot. (1841–42) 120–134, t. 19.—Descr. 6 *spp.*
 MIQUEL, F. A. W., Ann. Mus. Bot. Lugd.-Bat. 4 (1869) 106–112.—List; many new *spp.*

(1) *Saurauia* has been included in several other families (*Dilleniaceae*, *Theaceae*, etc.).

SCHNARF, K., Sitz. Ber. Ak. Wiss. Wien, Math.-Naturw. Kl. Abt. 1, 122 (1924) 17-28, 22 fig.—Ontogeny and seed structure point to affinity with *Theaceae*.

VRIESE, W. H. DE, Pl. Ind. Bat. Orient. (1856) 31-57.—List Mal. *spp.*; new *spp.*; no key.

Local

Sumatra: BAKER, J. Bot. 56 (1918) 161-167.—Important list; some new *spp.*; key.

MERRILL, Contr. Arn. Arb. 8 (1934) 104-106.—List records.

MIQUEL, Fl. Ind. Bat. Suppl. (1860) 480-482.—New *spp.*

RIDLEY, J. Mal Br. R. As. Soc. no 87 (1923) 53-54.—Records and new *sp.*

—, Kew Bull. (1926) 60.—New *sp.*

Borneo: MERRILL, Philip. J. Sc. 13 (1918) Bot. 85-94.—Descr. 11 new *spp.*

—, J. Str. Br. R. As. Soc. no 79 (1919) 31-35.—Records and 4 new *spp.*

—, *ibid.* no 86 (1922) 330-331.—New *sp.* and a new comb. in *Actinidia*.

—, Philip. J. Sc. 21 (1922) 529-530.—New *sp.*

—, *ibid.* 29 (1926) 396-397.—New *sp.*

—, Plant. Elm. Born. (1929) 196-197.—Records and new *sp.*

RIDLEY, Kew Bull. (1929) 262.—New *sp.*

AIRY SHAW, Kew Bull. (1940) 248-249.—List records.

Philippines: ELMER, Leaf. Philip. Bot. 10 (1939) 3726-3728.—2 new *spp.*

MERRILL, Philip. J. Sc. 9 (1914) Bot. 521-530.—12 new *spp.*

—, *ibid.* 26 (1925) 471.—New *sp.*

—, *ibid.* 27 (1925) 36.—New *sp.*

—, *ibid.* 29 (1926) 396-397.—New *sp.*

QUISUMBING, Philip. J. Sc. 41 (1930) 332-337, fig. 9-11.—3 new *spp.*

—, *ibid.* 76 (1944) 48-52.—4 new *spp.*

Celebes: KOORDERS, Suppl. Flora N. O. Celebes 2 (1922) t. 69-80; *ibid.* 3 (1922) 34-40.—Descr. & plates.

New Guinea: DIELS, Bot. Jahrb. 57 (1922) 441-459.—Key to groups and *spp.* of New Guinea.

—, Nova Guinea 14 (1924) 82-84.—Records and new *spp.*

KANEHIRA & HATUSIMA, Bot. Mag. Tokyo 57 (1943) 63-74.—Records; 8 new *spp.*

LAUTERBACH, Nova Guinea 8 (1910) 305-307.—List; 3 new *spp.*

—, *ibid.* 8 (1912) 835-839.—List; 8 new *spp.*

VON MUELLER, Vict. Nat. 2 (1886) 134-135.—Descr. *Trematanthera*.

RIDLEY, Trans. Linn. Soc. Lond. II. Bot. 9 (1916) 14-15.—5 new *spp.*

SMITH, A. C., J. Arn. Arb. 22 (1941) 502-524.—List; 18 new *spp.*

WHITE & FRANCIS, Proc. R. Soc. Queensl. 38 (1927) 244-247, fig. 10-11.—List; 3 new *spp.*

AEGINETIACEAE

See *Orobanchaceae*

AGAVACEAE

See *Amaryllidaceae*

AIZOACEAE

(incl. *Molluginaceae* & *Ficoidaceae*)

BACKER, C. A., Fl. Mal. I, 4 (1951) 267-275, fig. 1-2.

PAX, F. & K. HOFFMANN, Pflanzenfamilien ed. 2, 16c (1934) 179-233.

Local

Java: BACKER, Onkruidfl. Jav. Suiker. (1930) 237-242.—In Dutch; key!

New Guinea: MERRILL & PERRY, J. Arn. Arb. 23 (1942) 386.—2 records.

PULLE, Nova Guinea 8 (1910) 355.—List.

Genera

Mesembryanthemum: VON POELLNITZ, in FEDDE, Rep. 32 (1933) 1-73.—Segregation of the genus; descr. & keys to segregate genera.

Trianthema: MELVILLE, Kew Bull. (1952) 261-269.—Some critical *spp.* allied to *T. pentandra*.

ALANGIACEAE

WANGERIN, W., Pflanzenreich Heft 41³ (1910) 1-25, fig. 1-6.

Local

China: MELCHIOR, Notizbl. Berl.-Dahlem 10 (1929) 822-830.—Revision; key!

—, & MANSFELD, Bot. Jahrb. 60 (1925) 162-166.—Revision; key.

Genera

Alangium: BLOEMBERGEN, Blumea 1 (1935) 241-294, fig. 1-5.—Revision Neth. Ind. *spp.*

—, Bull. Jard. Bot. Btzg III, 16 (1939) 139-235, 10 fig.—Revision of the genus; key!

ALISMATACEAE

BUCHENAU, F., Pflanzenreich Heft 16² (1903) 1-66, fig. 1-19.

MICHEL, M., in DC. Mon. Phan. 3 (1881) 29-83.

MIQUEL, F. A. W., Ill. Fl. Arch. Ind. (1870) 49-51.—Census *Sagittaria* and *Lophotocarpus*.

Local

Java: BACKER, Handb. Fl. Java pt 1 (1925) 52-55.—A practically complete Mal. survey; in Dutch; keys!

KERN, Trop. Natuur 32 (1952) 127-129, 1 fig.—Record of a *Sagittaria* newly naturalized in Java; in Dutch.

Genera

Alisma: SAMUELSSON, Ark. Bot. 24A, no 7 (1932) 1-46, t. 1-6.—Revision; key to *spp.* and *sspp.*

Echinodorus (Ranalisma): GAGNEPAIN, Bull. Soc. Bot. Fr. 76 (1929) 274-276.—Reduction of *Ranalisma*.

STAPF, in HOOK. Ic. Pl. IV, 7 (1901) t. 2652.—*Ranalisma* from Mal. Pen.

VAN STEENIS, Arch. Hydrobiol. Suppl. 11 (1932) 240.—Recomb.

Elisma: VAN STEENIS, Trop. Natuur 24 (1935) 54-56.—Record of this European plant in Java.

VAN DER WERFF, Blumea 7 (1954) 599-601.—*Elisma* record from Java is based on a wrongly localized plant.

Lophotocarpus: SMITH, J. G., 11th Ann. Rep. Missouri Bot. Gard. (1900) 145-150.—Key to U.S. Am. spp.

Sagittaria: SMITH, J. G., 6th Ann. Rep. Missouri Bot. Gard. (1895) 27-64, t. 1-29.—Revision N. Amer. spp.; descr.; key!

AMARANTHACEAE

BACKER, C. A., Fl. Mal. I, 4 (1949) 69-98, 593-594, 8 fig.

LOPRIORE, G., Ueber die geographische Verbreitung der Amaranthaceae in Beziehung zu ihren Verwandtschaftsverhältnisse (Bot. Jahrb. 30, 1901, 1-38, t. 1).—General discussion.

MOQUIN-TANDON, A., in DC. Prod. 13, 2 (1849) 231-424, 462-463.

SCHINZ, H., Pflanzenfamilien ed. 2, 16c (1934) 7-85, fig. 1-46.

SUESSENGUTH, K., Amaranthaceen-Studien (in FEDDE, Rep. 44, 1938, 36-48).

Local

Malay Peninsula: SUESSENGUTH, Mitt. Bot. Staats-samm. München, Heft 6 (1953) 194.—*Psilotrichum malaccense* n. sp.; this appears to be *Alternanthera brasiliensis*, cf. Fl. Mal. I, 4, 594b.

Java: VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 402.—New record of *Gomphrena celosioides*.

Philippines: MERRILL, Philip. J. Sc. 29 (1926) 478.—DESCR. new var. of *Cyathula*.

New Guinea: PULLE, Nova Guinea 8 (1910) 351-352.—Small list of records.

Genera

Achyranthes: BOERLAGE, Ned. Kruidk. Arch. II, 5³ (1889) 420-430, t. 6.—Account specim. at Leyden.

MERRILL, Trans. Amer. Phil. Soc. Philad. n.s. 24, ii (1935) 148-149.—Typification.

Amaranthus: MERRILL, Amer. J. Bot. 23 (1936) 609-612, 1 fig.—Applic. of the name *A. viridis*.
WILDENOW, Historia Amaranthorum (1798) 1-38, t. 1-12.

AMARYLLIDACEAE

(incl. also Agavaceae & Hypoxidaceae)

BAKER, J. G., A new key to the genera of Amaryllidaceae (J. Bot. 16, 1878, 161-169).—Synopsis; in Latin.

—, A synopsis of Hypoxidaceae (J. Linn. Soc. Bot. 17, 1878, 93-126).—DESCR.; keys!

—, Handbook of the Amaryllideae. London (1888) xii + 216 pp.—*Non vidi*.

PAX F. & G. F. HOFFMANN, Pflanzenfamilien ed. 2, 15a (1930) 391-430, fig. 163-187.

TRAUB, H. P. & H. N. MOLDENKE, Amaryllidaceae: tribe Amaryllaeae. The Amer. Plant Life Soc. Stanford Cal. 1949, 194 pp., 15 pl.—Elaborate systematic treatment; key to genera.

Local

Malay Peninsula: RIDLEY, Mat. Fl. Mal. Pen. (Monocot.) 2 (1907) 65-69.—Revision; keys.

Java: BACKER, Hand. Fl. Java pt 3 (1928) 81-105. —Practically complete for Malaysia, many cultivated spp. included; in Dutch; keys!

KOSHIMIZU, Jap. J. Bot. 27 (1952) 180.—*Crinum gigas* NAKAI reduced to *C. asiaticum*.

Philippines: ELMER, Leaf. Philip. Bot. 5 (1913) 1645-1649.—List *Curculigo*, 3 new spp.

New Guinea: HALLIER, Nova Guinea 8 (1913) 899-902.—Records; 2 new *Crinum*.

LAUTERBACH, Bot. Jahrb. 50 (1913) 301-305.—List; no new spp.; keys!

Genera

Agave: BERGER, Die Agaven. Beiträge zu einer Monographie. Jena 1915, vi + 288 pp., 79 fig., 2 pl.—Contr. towards monogr.

Amaryllis: TRAUB, HAMILTON & UPHOF, Herbertia 5 (1938) 114-131.—Tentative revision.

Crinum: BAKER, Gard. Chron. II, 15 (1881) 763, 786; *ibid.* 16 (1881) 39, 40, 72, 180, 398, 495-496, 588-589, 760, 784-785.—Enum.; spp. geographically under subgen. & sect.

UPHOF, Herbertia 9 (1942) 63-84 (1943).—Complete list.

Hymenocallis: SEALY, Kew Bull. (1954) 201-240.—Revision; key.

Polianthes: ROSE, Contr. U. S. Nat. Herb. 8 (1903) 8-14, fig. 1-4.—Revision; new delimitation; key.

Zephyranthes: HUME, Nat. Hort. Mag. 14 (1935) 258-275.—*Non vidi*.

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AMPELIDACEAE

See Vitaceae

ANACARDIACEAE

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ENGLER, A., Ueber die morphologischen Verhältnisse und die geographische Verbreitung der Gattung *Rhus*, etc. (Bot. Jahrb. 1, 1881, 365-427).—Generic delimitation and descr. new gen. & spp.

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MIQUEL, F. A. W., De quibusdam Burseraceis et Anacardiaceis Archipelagi Indici (Ann. Mus. Lugd.-Bat 4, 1869, 117-118).—Enum. spp.; some new *Buchananias*.

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Malay Peninsula: BURKILL, Gard. Bull. Str. Settl. 5 (1931) 224-230.—Critical list of *Gluta*.

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- , *ibid.* 7. (1933) 97–99, t. 19.—The first *Pistacia* in Malaysia!
- Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 91–92.—Critical note on *Rhus chinensis* MILL.
- Java: ADELBERT, Blumea 6 (1948) 325–327.—Some notes.
- Borneo: MERRILL, J. Str. Br. R. As. Soc. no 86 (1922) 322–324.—New *spp.* of *Melanochyla* and *Semecarpus*.
- , Plant. Elm. Born. (1929) 166–170.—Several new *spp.*
- RIDLEY, Kew Bull. (1933) 193–202.—Numerous new *spp.* and records; *Nothopegia* new for Mal.; *Melanocomia* n.g.; also a *Buchanania* from Aru Isl. (Moluccas).
- Philippines: ELMER, Leaf. Philip. Bot. 9 (1934) 3179–3180.—New *Semecarpus*.
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- , *ibid.* 8 (1912) 829–830.—Records; new *spp.* in *Semecarpus* and *Buchanania*.
- , Bot. Jahrb. 56 (1921) 345–373, fig. 1–5.—Descr. new *sp.* and 2 new genera; keys!
- , *ibid.* 59 (1924) 536.—New *Semecarpus*.
- MERRILL & PERRY, J. Arn. Arb. 22 (1941) 529–541.—Records; many new *spp.* of BRASS coll.
- , *ibid.* 29 (1948) 158–160.—New *spp.* of *Euroschinus* and *Rhus*.
- SLIS, Nova Guinea 14 (1924) 97–99, t. 8.—List records; new *Rhus* and 2 *Semecarpus*.
- WHITE, Proc. R. Soc. Queensl. 34 (1922) 40–42.—New records; new *sp.* in *Buchanania* and *Semecarpus*.
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- Genera*
- Bouea (*Tropidopetalum*): FEDTSCHENKO, Svensk Bot. Tidskr. 19 (1926) 493.—Reduction of *Tropidopetalum*.
- Camposperma (*Coelopyrum*): VAN STEENIS, Fl. Mal. Bull. 3 (1948) 74.—*Camposperma* prop. to be conserved.
- Mangifera: MUKHERJEE, S., Lloydia 12 (1949) 73–136.—Revision; key.
- Pegia (*Phlebochiton*): COLEBROOKE, Trans. Linn. Soc. Lond. 15 (1827) 364–365.—Type descr.
- DIELS, Sunyatsenia 1 (1933) 123.—New *sp.* from China.
- HANDEL-MAZZETTI, Sinensia 3 (1933) 186–187.—New *sp.* and recomb.
- LECOMTE, Bull. Soc. Bot. Fr. 54 (1907) 525–529.—Revision; no key!
- VAN STEENIS, J. Bot. 72 (1934) 10–12.—Revision; key.
- Pentaspadon (*Nothoprotium*): HOOKER f., Fl. Br. Ind. 2 (1876) 28–29.
- Pleiogynium: LEENHOUTS, Blumea 7 (1952) 159.—New comb. for *P. solandri*.
- WHITE, Proc. R. Soc. Queensl. 45 (1933) 27–28, t. 3 (1934).—Descr. new *sp.* Papua.
- Rhus: BARKLEY, Ann. Missouri Bot. Gard. 24 (1937) 265–466.—N. & Centr. Am. *spp.*; keys of *Rhus* and allied genera.
- MERRILL, J. Arn. Arb. 9 (1928) 1–4, t. 10–11.—Type study Linnean herbarium.
- Schinus: BARKLEY, Brittonia 5 (1944) 160–198, fig. 1–20.—Revision; key.
- Sorindeja: VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 462–463.—The record for Mal. is based on a cult. plant.
- Swintonia (*Anauxanopetalum*): MIQUEL, J. Bot. Néerl. 1 (1861) 368–369.
- ANCISTROCLADACEAE**
- GILG, E., Pflanzenfamilien ed. 2, 21 (1925) 589–592.
- STEENIS, C. G. J. VAN, Fl. Mal. I, 4 (1948) 8–10, 2 fig.
- ANNONACEAE**
- (excl. *Eupomatiaceae* & *Himantandraceae*)
- BAILLON, H., Mémoire sur la famille des Anonacées (Adansonia 8, 1868, 162–184, 295–344).—General discussion and synopsis of genera.
- BOERLAGE, J. G., Notes sur les Anonacées du Jardin Botanique de Buitenzorg (Ic. Bog. 1, 1899, 79–208, t. 26–75).—Key to Mal. genera; *spp.* enumerated, no new genera, few new *spp.*
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- CORNER, E. J. H., The Annonaceous seed and its four integuments (New Phytologist 38, 1949, 332–364, 31 fig.).—Anat. of seed coat and its interpretation.
- DIELS, L., Die Gliederung der Annonaceen und ihre Phylogenie (Sitz.-Ber. Preuss. Akad. Wiss. Phys.-Math. Kl. 1932, 77–85).—Generic alliances.
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- FRIES, R. E., Revision der Arten einiger Annonaceen-Gattungen I–V (Acta Hort. Berg. 10, 1930–1931, 1–341, t. 1–27; *ibid.* 12, 1934–1939, 1–577, 66 fig., 68 pl.).—Rev. of many genera, mostly neotropical; keys.
- , Einige Gesichtspunkte zur systematischen Gruppierung der Amerikanischen Annonaceen-Gattungen (Ark. f. Bot. 30A, no 8, 1943, 1–31, 11 fig.).
- HUTCHINSON, J., The genera of Anonaceae (Kew Bull. 1923, 241–261).—Key to the genera.
- KING, G., The Anonaceae of British India (Ann. R. Bot. Gard. Calc. 4, 1893, 1–169, t. 1–220).—Magnificent monograph; keys!
- MIQUEL, F. A. W., Anonaceae Archipelagi indici

- (Ann. Mus. Bot. Lugd.-Bat. 2, 1865, 1-45).—Complete enum. with descr. of new *spp.*
 SCHEFFER, R. H. C. C., Nat. Tijd. Ned. Ind. 31 (1869) 2-15; *ibid.* (1870) 338-344; *ibid.* 32 (1873) 387-392.—Misc. new *spp.* and records; some new genera.
 —, Sur quelques plantes nouvelles ou peu connues de l'Archipel Indien (Ann. Jard. Bot. Btzig 2, 1885, 1-31).—Important list of records and new *spp.*; new genera: *Ararocarpus*, *Rauwenhoffia*, mostly based on BECCARI and TEYSMANN coll.
 SPRAGUE, T. A. & J. HUTCHINSON, African Anonaceae (Kew Bull. 1916, 145-161).—Key to genera; list; descr. new *spp.*

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 India-Burma: SINCLAIR, *ibid.* 14 (1953) 45-48.—*Ditto.*
 Sumatra: BAKER, J. Bot. (1924) Suppl. p. 2-5.—Records FORBES coll.; some new *spp.*
 MERRILL, Contr. Arn. Arb. 8 (1934) 58-60.—Records; new *sp.* in *Disepalum* and *Orophea*.
 RIDLEY, J. Mal. Br. R. As. Soc. no 87 (1923) 51-52.—New *Melodorum*.
 —, Kew Bull. (1926) 59.—New *Popowia*.
 Malay Peninsula: CORNER, Gard. Bull. Str. Settl. 10 (1939) 11-15.—Critical records; some new var.
 HENDERSON, Gard. Bull. Str. Settl. 7 (1933) 88-90, t. 15-16.—2 new *spp.*
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 —, Blumea 5 (1945) 491-493.—Critical notes; monotypic *Polyaulax n.g.*
 Borneo: BECCARI, Nuovo Giorn. Bot. Ital. 3 (1871) 177-193, t. 2-7.—List; descr. new *spp.* and *Eburpetalum*, *Enicosanthum*, *Marcuccia*, and *Mezzettia n.g.*
 DIELS, Mitt. Inst. Allg. Bot. Hamburg 7 (1927) 77-80.—List coll. WINKLER; some new *spp.*
 —, Notizbl. Berl.-Dahlem 11 (1931) 80-82, 85-86.—Descr. new *spp.* coll. BECCARI.
 MERRILL, J. Str. Br. R. As. Soc. no 85 (1922) 174-189.—Many new records and new *spp.*; monotypic *Woodiella n.g.*
 RIDLEY, Kew Bull. (1912) 382-390.—Many new *spp.*
 —, Sarawak Mus. J. 1 (1913) 73-98.—Important list of records; many new *spp.*; *Mezzettiopsis n.g.*
 AIRY SHAW, Kew Bull. (1939) 275-290.—Enum. coll. RICHARDS! Critical notes on *Enicosanthum*, *Neouvaria n.g.*, and *Uvariella*.
 SINCLAIR, Sarawak Mus. J. no 18 (n.s. vol. 5, no 3) (1951) 597-609.—Valuable critical notes.
 Philippines: ELMER, Leaf. Philip. Bot. 5 (1913) 1705-1750.—Descr. new *spp.*
 —, *ibid.* 10 (1939) 3684-3692.—Descr. new *spp.*
 MERRILL, Philip. J. Sc. 10 (1915) Bot. 227-264.—Important study of Philip. and other *Annon.*
 —, *ibid.* 26 (1925) 453-457.—Descr. 4 add. new *spp.*

- , *ibid.* 29 (1926) 479-480.—New *Orophea* and *Papualthia*.
 —, *ibid.* 30 (1926) 392-394.—2 new *spp.*
 QUISUMBING, Philip. J. Sc. 41 (1930) 323-324, fig. 4.—New *Papualthia*.
 —, *ibid.* 76 (1944) 39-40.—2 new *spp.*
 New Guinea: BURCK, Nova Guinea 8 (1910) 427-433, t. 69-70.—List records & new *spp.*
 DIELS, Nova Guinea 8 (1912) 871-873.—List of records; some new *spp.*
 —, Bot. Jahrb. 49 (1913) 113-167, 5 fig.—Keys to gen. & *spp.*; new genera *Papualthia*, *Oncodostigma*, *Oreomitra*, *Schefferomitra*.
 —, *ibid.* 52 (1914) 177-186.—Addit. new *spp.* and records.
 —, Notizbl. Berl.-Dahlem 11 (1931) 82-83.—Descr. new *spp.*
 KOSTERMANS, Reinwardtia 1 (1952) 459-461, fig. 1.—New *Saccopetalum*.
 SCHEFFER, Ann. Jard. Bot. Btzig 1 (1876) 2-5.—List; some new *spp.*
 WHITE, J. Arn. Arb. 10 (1929) 212-213.—Small name list.

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- Anaxagorea (Spermabolus)*: FRIES, Svensk Bot. Tidskr. 34 (1940) 400-408.—Discussion affinity of the genus.
 SCHEFFER, Nat. Tijd. Ned. Ind. 31 (1869) 9.—Reduction *Spermabolus*.
Annona: FRIES, Act. Hort. Berg. 10 (1931) 197-315.—Revision; key.
 SAFFORD, J. Wash. Acad. Sc. 1 (1911) 118-120.—Sectional division.
 —, Contr. U. S. Nat. Herb. 18 (1914) 1-68, t. 1-41.—Key to subdivisions; descr. new *spp.*; no key to *spp.*
Dasymaschalon (Unona §): MERRILL, Philip. J. Sc. 10 (1915) Bot. 235-239.—Segregation; list of *spp.*; new comb.
Desmos (Unona auct. pro reg. paleotrop.): MERRILL, Philip. J. Sc. 10 (1915) 234-236.—Delimitation; complete list; new comb.
 SAFFORD, Bull. Torr. Bot. Club 39 (1912) 501-508.—Generic delimitation; *Desmos* retained for Old World *spp.* of *Unona*; key to sect.; 16 *spp.* examined; no key to *spp.*
Disepalum: VAN STEENIS, Bull. Bot. Gard. Btzig III, 17 (1948) 405-406, fig. 2.—Revision; key!
Enicosanthum (Griffithia KING non al., Griffithianthus, Marcuccia): AIRY SHAW, Kew Bull. (1939) 275-278.—List *spp.*
Eupomatia. See *Eupomatiaceae*.
Fissistigma (Melodorum auctt. non LOUR., Pyramidanthe, Mitrella): MERRILL, Philip. J. Sc. 15 (1919) 130-137.—Recomb. of all *spp.*
Friesodielsia (Oxymitra HOOK. f. & TH. non BUCHOFF): VAN STEENIS, Bull. Bot. Gard. Btzig III, 17 (1948) 458.—A new generic name proposed.
Himantandra. See *Himantandraceae*.
Pseuduvaria: MERRILL, Philip. J. Sc. 10 (1915) Bot. 254-256.—Delimitation; new comb.
Sageraea: CHATTERJEE, Proc. Linn. Soc. Lond. sess. 154 (1943) 263-269.—Revision Ind. & Burm. *spp.*; short key; enum. of specimens.

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- BOERLAGE, J. G., Apocynacées (Bull. Inst. Bot. Btzg 5, 1900, 4-20).—List caoutchouc furnishing spp., some new, coll. VAN ROMBURGH in W. Malaysia.
- HALLIER f., H., Ueber Kautschuklianen und andere Apocynaceen, nebst Bemerkungen über Hevea (Jahrb. Hamb. Wiss. Anst. 17, 1900, 1-216, t. 1-3).—Contains a census of *spp.* of *Willughbeia*, *Chilocarpus*, *Otopetalum* reduced to *Micrechites*, *Melodinus*, *Leuconotis*, *Hunteria*.
- HASSKARL, J. K., Plantarum nonnullarum Javanicarum e familiis Asclepiadearum et Apocynearum adumbrationes (Flora 40, 1857, 103-106).—Enum.; descr.
- MARKGRAF, F., Die Gliederung der Asiatischen Tabernaemontanoideen (Notizbl. Berl.-Dahlem 12, 1935, 540-552).—Segregation of some genera; distinction of *Rejoua*, *Pagianta*, *Oistanthera*, *Ervatamia* (with sections), *Eucorymbia*, and *Voacanga*; key to the genera; enum. *spp.*; descr. new gen. & *spp.*
- , Neue Diagnosen (Mitt. Bot. Staatssamml. München 1, 1950, 26-31).—New comb. & *spp.*
- MERRILL & QUTSUMBING, Philip. J. Sc. 82 (1953) 334-3 new *Alyxias*.
- MIQUEL, F. A. W., Nova genera Apocynearum indicarum (Versl. Kon. Akad. Wet. A'dam 6, 1857, 191-194).—Descr. new genera.
- , in SIEBOLD & DE VRIESE, Flor. Jard. 2 (1859) 142-144.—Same as above.
- , Ann. Mus. Bot. Lugd.-Bat. 4 (1869) 137-141, t. 5.—Descr.; some new *spp.*
- MONACHINO, J., A resumé of the American Carisseeae (Lloydia 9, 1946, 293-309).—Key to the genera.
- PICHON, M., Classification des Apocynacées I. Carissées et Ambélianées (Mém. Mus. Hist. Nat. Paris n.s. 24, 1948, 111-181, t. 1-4).—Keys to tribes, genera & sections.
- , ditto V. Cerbéroidées (Not. Syst. 13, 1948, 212-229, t. 1-2).—Treated as a new subfamily; key to genera; generic descr. & syn.
- , ditto IX. Rauvolfiées. Alstoniées, Allaman-dées, et Tabernaemontanoïdées (Mém. Mus. Hist. Nat. Paris n.s. 27, 1948, 153-251, t. 10-20).—Keys to tribes and genera.
- , ditto XVI. Clef des genres d'Ecdysanthérées (Bull. Mus. Hist. Nat. Paris II, 20, 1948, 296-303).—Key; *Parameriopsis* n.g.
- , ditto XIX. Le rétinacle des Echitoidées (Bull. Soc. Bot. Fr. 95, 1948, 211-216, fig. 1).—Structure of stamens.
- , ditto XXV. Echitoidées (Mém. Mus. Hist. Nat. Paris. n.s. B. Bot. 1, 1950, 1-143, t. 1-10).—Keys to genera, generic descr. & syn.; sometimes keys to *spp.*
- , ditto XXVI. Détermination des échantillons fleuris des Plumérioidées (Bull. Mus. Hist. Nat. Paris II, 21, 1949, 140-146).—Key to groups and genera by aid of floral characters.
- , ditto XXVII. Détermination des graines des Plumérioidées et des Cerbéroidées (Bull. Mus. Hist. Nat. Paris II, 21, 1949, 226-269).—Keys based on seed characters.
- , ditto XXVIII. Supplément aux Plumérioidées (Mém. Mus. Hist. Nat. Paris. n.s. Bot. 1, 1950, 145-172, t. 11).
- , ditto XXXIII. Les sous-tribus des Carissées (Not. Syst. 14, 1952, 310-315).—Key to sub-tribes.
- , ditto XXXV. Monographie des Landolphiées (Mém. Inst. Fr. Afr. Noire no 35, 1953, 1-437).—None native in Malaysia.
- , Les glandes nodales des Apocynacées et leurs modifications (Bull. Mus. Hist. Nat. Paris II, 21, 1949, 467-473).
- WOODSON, R. E., Observations on the inflorescence of Apocynaceae (Ann. Missouri Bot. Gard. 22, 1935, 1-48).—Special reference to Amer. genera of *Echitoideae*.
- , The American genera of *Echitoideae* (*ibid.* 22, 1935, 153-306).—Keys!

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- China & Malaysia: TSIANG, Notes on Asiatic Apocynales I (Sinensia 3, 1932, 157-160).—Various notes, with occasional mention of Malaysian specimens!
- , ditto II (Sunyatsenia 2, 1934, 89-174).—*Ditto*.
- , ditto III (*ibid.* 3, 1936, 121-160).—*Ditto*.
- , ditto IV (*ibid.* 4, 1939, 31-54).—*Ditto*.
- , ditto V (*ibid.* 6, 1941, 109-120).—*Ditto*.
- Sumatra: LÜTJEHARMS & VAN OOSTSTROOM, Blumea 3 (1938) 102-105.—2 new *spp.* of *Tabernaemontana* (= *Ervatamia*).
- MERRILL, Contr. Arn. Arb. 8 (1934) 139-144.—Critical notes; new *sp.*
- , Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 188-189.—New *Chilocarpus* & *Urceola*.
- MOORE, J. Bot. (1923) Suppl. 31-34.—Descr. *Clitandropsis* n.g.; new *spp.* coll. FORBES.
- RIDLEY, Kew Bull. (1925) 84-85.—New *Lyonsia*.
- , *ibid.* (1926) 73-74.—List and new *Chilocarpus*.
- Malay Peninsula: HENDERSON, Gard. Bull. Str. Settl. 5 (1930) 78-79.—New *Kopsia*.
- , *ibid.* 7 (1933) 108-109.—New *Urceola*.
- Java: BAKHUIZEN VAN DEN BRINK Jr, in BACKER, Bekn. Flora Java (em. ed.) 7 (1948) fam. 172, 1-50.
- , Blumea 6 (1950) 384-393.—Critical notes; some new *spp.*, one new genus.
- Borneo: HALLIER f., Bot. Jahrb. 49 (1913) 371-375.—List of critical notes.
- MARKGRAF, Mitt. Bot. Staatssamml. München 1 (1950) 26-30.—New *spp.*
- MERRILL, J. Str. Br. R. As. Soc. no 77 (1917) 237-238.—New *Alyxia*.
- , Philip. J. Sc. 21 (1922) 531-532.—New *Tabernaemontana*.
- , J. Mal. Br. R. As. Soc. 1 (1923) 27-29.—New *Epigynum*; notes and new *sp.* of *Willughbeia*.

- , Philip. J. Sc. 29 (1926) 411–413.—List; new *Kopsia*.
 RIDLEY, Kew Bull. (1934) 123–124.—Records; 2 new *spp.*
 SCHWARTZ, Mitt. Inst. Allg. Bot. Hamb. 7 (1931) 258.—New *Alyxia*.
 VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 407–409.—Descr. *Neokeithia* n.g.; distr. *Eucorymbia*; record of *Spirolobium*.
Philippines: ELMER, Leaflet. Philip. Bot. 4 (1912) 1445–1467.—Descr. new *spp.*
 —, *ibid.* 10 (1939) 3692–3699.—Descr. new *spp.*
 MERRILL, Philip. J. Sc. 7 (1912) Bot. 242–243.—New *Tabernaemontana*.
 —, *ibid.* 13 (1919) 52–55.—Some new *spp.*
 —, *ibid.* 27 (1925) 50–53.—Some new *spp.*
 —, *ibid.* 29 (1926) 483–484.—2 new *spp.*
 —, *ibid.* 30 (1926) 423–424.—New *Kibatalia*.
 —, & QUISUMBING, *ibid.* 82 (1953) 334–336, t. 4–5.—3 new *Alyxias*.
 QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 191–195.—4 new *spp.*
New Guinea: KANEHIRA & HATUSIMA, Bot. Mag. Tokyo 55 (1941) 489–504.—List; many new *spp.* specially in *Alyxia* and *Parsonsia*.
 MARKGRAF, Bot. Jahrb. 61 (1927) 164–222, t. 10.—Revision; keys!
 —, Nova Guinea 14 (1927) 278–291, t. 31–32.—List; many new *spp.*; 3 new genera *Discalyxia*, *Lamechites*, and *Papuechites*.
 —, Notizbl. Berl.-Dahlem 10 (1930) 282.—Record of an *Excavatia*.
 —, Brittonia 2 (1936) 139–140.—New *Parsonsia* and *Clitandropsis*.
 —, Notizbl. Berl.-Dahlem 15 (1940) 130–131.—New *Alyxia* & *Clitandropsis*.
 —, J. Arn. Arb. 21 (1940) 199–200.—New *Excavatia*.
 MERRILL & PERRY, J. Arn. Arb. 24 (1943) 210–217.—List records; some new *spp.*; reinstatement of *Bleekeria*, a segregate of *Ochrosia*.
 —, *ibid.* 29 (1948) 163–164.—Some records & a new *sp.*
 SCHLECHTER, Die Guttapercha- und Kautschuk-Exp., etc. (1911) 13, 126, 127.—Some new *spp.*
- Genera*
- Aganosma:** TSIANG, Sunyatsenia 4 (1939) 31–42.—Critical list of *spp.*
Allamanda: HOLTUM, M. A. H. A. Mag. 11 (1941) 54–58, fig. 1.—Key to 3 *spp.* cult. in Malaya.
Alstonia (*Amblyocalyx*): MONACHINO, Pac. Sc. 3 (1949) 133–182.—Complete revision with keys to *spp.*; complete for Mal.
 PICHON, Bull. Mus. Hist. Nat. Paris II, 19 (1947) 294–298.—Subdivision; no key to *spp.*; *Blaberopus* treated as a separate genus (*cf. l. c. p.* 300–301).
Carissa: HAINES, Ind. For. 45 (1919) 375–388, t. 17–20.—Revision Indian *spp.*; key.
 —, *ibid.* 47 (1921) 377–379.—Some addit. notes.
Cerbera: BLAKE, Proc. R. Soc. Queensl. 59 (1948) 161–162.—New *sp.* closely allied to *C. floribunda*.
 CORNER, Wayside Trees Malaya (1940) 143–144.
 VALETON, Ann. Jard. Bot. Btzg 12 (1895) 238–248, t. 26–27.
- Chonemorpha:** CHATTERJEE, Kew Bull. (1947) 47–52; *ibid.* (1948) 68.—Revision; key; 1 new *sp.*
 FURTADO, Gard. Bull. Str. Sett. 9 (1935) 113–117.—Revision; key!
 SESHAGIRI, J. Ind. Bot. Soc. 32 (1953) 34–45, 4 fig.—Revision; new *sp.*; key.
Corymbia: PICHON, Bull. Mus. Hist. Nat. Paris II, 21 (1949) 270–271, fig. 1.—Belongs to the *Echitoideae* of trib. *Ichnocarpeae*, allied to *Epigynum*.
Dyera: HOOKER f., J. Linn. Soc. Bot. 19 (1882) 291–293.—Type descr.; 2 *spp.*
 MONACHINO, Lloydia 9 (1946) 174–202.—Revision; 2 *spp.*; key!
 PICHON, Bull. Mus. Hist. Nat. Paris II, 21 (1949) 600–602.—Descr. fruit structure.
 SYMINGTON, Mal. Forester 4 (1935) 82–85, 1 pl. —*D. costulata*.
Ervatamia (segr. of *Tabernaemontana sens. lat.*):
 HALLIER f., Bot. Jahrb. 49 (1913) 372–375.—Critical remarks on generic segregation of the genus.
 MARKGRAF, Nova Guinea 14 (1927) 278–281.
 —, Notizbl. Berl.-Dahlem 12 (1935) 547–548.—Sect. & *spp.* enum.
 MERRILL, Contr. Arn. Arb. 8 (1934) 139–144.—Author expresses doubt about the generic distinction from *Tabernaemontana*!
Holarrhena: CHEVALIER, Rev. Int. Bot. Appl. & Agr. Col. 29 (1948) 115–120.
Hunteria: PICHON, Bol. Soc. Brot. II, 27 (1953) 88–112, 149–150.—Revision; key!
Hymenolophus: TSIANG, Sunyatsenia 4 (1939) 28–29.—Monotypic; Sumatra.
Kentochrosia: MERRILL & PERRY, Philip. J. Sc. 76 (1941) 19–21.—Discussion of the genus; no descr.; enum. of material present in Arn. Arb. Herb.
Kibatalia (*Kickxia*, *Vallaris* auct., *Paravallaris*):
 PICHON, Mém. Mus. Hist. Nat. Paris n.s. 1 (1950) 70–73.—Key to *spp.*
 WOODSON, Philip. J. Sc. 60 (1936) 209–227, t. 1.—Revision; key!
Lepinia: HOSOKAWA, Tokyo Bot. Mag. 48 (1934) 528–530, 1 fig.—Revision; key!
Lepiniopsis: VALETON, Ann. Jard. Bot. Btzg 12 (1895) 249–253, t. 28.—Monotypic.
Mixantum: PICHON, Bull. Mus. Hist. Nat. Paris II, 20 (1948) 382.—Monotypic, *aff. Beaumontia*; from Puket.
Neokeithia: PICHON, Bull. Mus. Hist. Nat. Paris II, 21 (1949) 375–377.—Descr. seed structure.
 VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 407–408.—Type descr.; Borneo.
Neuburgia = *Crateriphytum* = *Couthovia* (*Loganiaceae*).
Ochrosia: MERRILL & PERRY, J. Arn. Arb. 24 (1943) 213–214.—Raising *Bleekeria*, a subgenus of *Ochrosia*, to generic rank.
 PICHON, Bull. Mus. Hist. Nat. Paris II, 19 (1947) 205–212.—Sections & series; keys to *spp.* studied.
 VALETON, Ann. Jard. Bot. Btzg 12 (1895) 233–237, t. 22–25.—Revision; no key.
Parameria: MOLDENKE, Revista Sudamer. Bot. 6 (1940) 176–178.—*P. barbata* should be named *P. laevigata* (Juss.) MOLD.

Parsonsia (*Helygia*, *Lyonsia*): BLAKE, Proc. R. Soc. Queensl. 59 (1948) 164-167.—Nomencl. not. Austral. spp.

MERRILL, Brittonia 1 (1933) 233-237.—Nomencl. PICHON, Not. Syst. 14 (1950) 4-21.—Partly with keys.

Plumeria: VAN STEENIS, Trop. Natuur 26 (1937) 63-66.—Key Mal. spp.

WOODSON, Ann. Missouri Bot. Gard. 25 (1938) 202-224.—Revision; key!

Rauwolfia (*Huntera*): HALLIER f., Meded. Rijks-herb. Leiden 1 (1910) 26.—*Huntera* reduced. PICHON, Bull. Soc. Bot. Fr. 94 (1947) 31-39.—14 sections; descr.; syn. of listed species.

RENDLE, Proc. Linn. Soc. Lond. 149th session, pt 3 (1937) 106-109, 1 fig.—Identity Linnean spp.; syn.

VALETON, Ic. Bog. 4 (1913) 207-210, t. 367.—Critical notes on *R. densiflora* BTH.

Strophanthus: FRANCHET, Nouv. Ann. Mus. Hist. Nat. Paris IV, 5 (1893) 221-294, t. 7-17.

MONACHINO, Phytologia 3 (1951) 366-373, pl. 1-3.—New sect.

PAX, Bot. Jahrb. 15 (1893) 362-386, t. 10-11.—Revision; key!

STANER & MICHOTTE, Bull. Jard. Bot. Brux. 13 (1934) 23-56.—African spp.

TOXOPEUS, Meded. Alg. Proefst. Landb. Btztg no 74 (1948) 1-22.—Biology of fruit setting in *S. gratus*.

WIT, Landbouw 17 (1941) 98-105.—*Ditto*.

Tabernaemontana: HALLIER f., Bot. Jahrb. 49 (1913) 372-375.—Critical remarks on generic segregation of the genus.

MARKGRAF, Nova Guinea 14 (1927) 278-281.

—, Notizbl. Berl. Dahlem 12 (1935) 550.

MERRILL, Contr. Arn. Arb. 8 (1934) 139-144.—Author expresses doubt about the generic distinction of *Ervatamia*.

PICHON, Not. Syst. 13 (1948) 230-254.—Genus subdivided into 8 subgen., each with mostly several sect.

Thevetia: PICHON, Bull. Mus. Hist. Nat. Paris II, 22 (1950) 291-294.—Descr. fruit structure.

Trachelospermum: PICHON, Bull. Mus. Hist. Nat. Paris II, 20 (1948) 190-192.—Subdiv.; no key.

TSIANG, Sunyatsenia 4 (1939) 29-30.—New sp. from Java.

WOODSON, Sunyatsenia 3 (1936) 65-105.—Revision Asiat. spp.; key.

Vallariopsis: WOODSON, Philip. J. Sc. 60 (1938) 228-229.—Monotypic; Mal. Pen.

Vinca: PICHON, Bull. Mus. Hist. Nat. Paris II, 23 (1951) 439-444.—Revision; key.

Voacanga (*Orchipeda*, *Pootia*): MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 1 (1864) 316-317.

PICHON, Bull. Mus. Hist. Nat. Paris II, 19 (1947) 409-416.—Key to African spp.

ROLFE, J. Bot. 21 (1883) 201-202.—Nomencl. spp.

Wrightia: PICHON, Not. Syst. 14 (1951) 77-87.—With keys to spp.

TSIANG, Sunyatsenia 4 (1939) 42-54.—Critical list of spp.

APONOGETONACEAE

Local

Asia: CAMUS, Not. Syst. 2 (1912) 202-204.—Key to Asiat. spp.

New Guinea: MARTELLI, Nuovo Giorn. Bot. Ital. II, 3 (1897) 472-473, t. 8.—Descr.

VAN STEENIS, J. Arn. Arb. 28 (1947) 419.

Genera

Aponogeton: CAMUS, Bull. Soc. Bot. Fr. 70 (1923) 670-676.—Revision; key!

ENGLER, Bot. Jahrb. 8 (1887) 261-274, f. A, t. 6.—Revision; key!

KRAUSE, Pflanzenreich Heft 24 (1906) 1-24, fig. 1-9.

VAN STEENIS, Fl. Mal. I, 4 (1948) 11-12, fig. 1.

APOSTASIACEAE

BLUME, C. L., Apostasiaceae (in HOEVEN & DE VRIESE, Tijd. Nat. Geschied. & Phys. 1, 1834, 137-142).—Census; in Latin; no keys.

PFITZER, E., Orchidaceae-Pleonandreae (Pflanzenreich Heft 12, 1903, 1-9).

ROLFE, R. A., A morphological and systematic review of the Apostasiaceae (J. Linn. Soc. Bot. 25, 1889, 211-243, t. 48).—Revision; spp. enumerated.

Local

Indo-China: GAGNEPAIN, Bull. Soc. Bot. Fr. 80 (1933) 348-353.—A new genus; some new spp.

Sumatra: HOLTUM, Orchids of Malaya (1953) 59-65.—Keys!

SMITH, in FEDDE, Rep. 32 (1933) 129-131.—List.

Malay Peninsula: RIDLEY, J. Linn. Soc. Bot. 32 (1896) 415-416.—List.

—, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 231-233.—Keys.

Java: BACKER, Bekn. Fl. Java (em. ed.) 10 (1949) fam. 240, p. 1-3.

Borneo: SMITH, J. J., Mitt. Inst. Allg. Bot. Hamburg 7 (1927) 10-11.—New sp. and var. of *Apostasia*.

Celebes: SMITH, J. J., Bot. Jahrb. 65 (1933) 449-450.—New *Apostasia*.

New Guinea: RIDLEY, J. Bot. 24 (1886) 355-356, t. 271.—New *Neuwiedia*.

SMITH, J. J., Nova Guinea 8 (1911) 522-523, t. 80.—New *Neuwiedia*.

Genera

Adactylus: CRETZIOU, J. Jap. Bot. 17 (1941) 407-408, map 2.—Two new comb.

Neuwiedia: SMITH, J. J., Bull. Jard. Bot. Btztg II, no 4 (1914) 1-8.—Critical new descr. spp.; subdiv. genus.

Schoenomorphus = *Tropidia* (*Orchidaceae*).

AQUIFOLIACEAE

LOESENER, TH., Vorstudien zu einer Monographie der Aquifoliaceen (Verh. Ver. Prov. Brandenburg 33, 1892, 1-45, fig. 1-12).—General morphol.; biol.; anat.; key to subdiv. of *Ilex*.

—, Monographia Aquifoliacearum (Nova Acta

Acad. Caes. Leop.-Car. Nat. Cur. 78, 1901, viii + 570 pp.; *ibid* 89, 1908, 313 pp.).
—, Pflanzenfamilien ed. 2, 20b (1942) 36–86.

Local

Sumatra: MERRILL, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 162–163.–3 new *spp.*

Borneo: MERRILL, Sarawak Mus. J. 3 (1928) 526–527.–New *Ilex*.

—, J. Arn. Arb. 20 (1939) 222–224.–2 new *spp.* of *Ilex* with opposite leaves.

RIDLEY, Kew Bull. (1931) 34.–New *Ilex*.

—, *ibid.* (1939) 409–411 (*sphalm.* 509–511).–List; new *Ilex spp.*

Philippines: ELMER, Leaf. Philip. Bot. 5 (1913) 1663–1669.–List *Ilex*; 4 new *spp.*

MERRILL, Philip. J. Sc. 26 (1925) 468–469.–New *Ilex*.

—, *ibid.* 27 (1925) 31.–New *Ilex*.

Celebes: CAPITAINE, Bull. Soc. Bot. Fr. 57 (1910) 234–236, t. 10.–New *Ilex*.

New Guinea: LOESENER, Bot. Jahrb. 59 (1924) 80–83.–Key.

MERRILL & PERRY, J. Arn. Arb. 20 (1939) 333–334.–Descr. new *spp.*; records.

—, *ibid.* 22 (1941) 258–260.–*Ditto*.

—, *ibid.* 30 (1949) 40.–*Ditto*.

Genera

***Ilex*:** COMBER, Not. R. Bot. Gard. Edinb. 18 (1933) 37–62.–List Chin. & Himal. *spp.*; several new.

HALLIER f., Rec. Trav. Bot. Néerl. 15 (1918) 66.–Reduction *Octas*.

HU, J. Arn. Arb. 30 (1949) 233–344, 348–387.–Revision of Chin. *spp.*

—, *ibid.* 31 (1950) 39–80, 214–263.–*Ditto*.

—, *ibid.* 34 (1953) 138–162.–*Spp.* from Formosa & Riu Kiu; key!

LOESENER, Mitt. Deut. Dendr. Ges. 28 (1919) 1–66.–Subdiv. of *Aquifoliaceae*; key to genera; infrageneric key to *Ilex*; key to *spp.* cult. in Europe.

MAXIMOWICZ, Mém. Acad. Imp. St Pétersb. VII, 29³ (1881) 14–53.–Annot. in *Ilex*.

VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 389–390.–Occurrence of stipules.

***Sphenostemon* (*Idenburgia*, *Nouhuysia*):** GIBBS, Contr. Fl. Phytogr. Arfak Mts (1917) 136–140, fig. 10–11.–Descr. *Idenburgia*.

LAUTERBACH, Nova Guinea 8 (1912) 843–844.–Descr. *Nouhuysia*.

VAN STEENIS, Acta Bot. Neerl. 1 (1952) 94–98, fig. 2.–Reduction *Idenburgia*.

—, Svensk Bot. Tidskr. (*in the press*).–Reduction.

ARACEAE

ALDERWERELT VAN ROSENBURGH, C. R. W. K. VAN, New or noteworthy Malayan Araceae I (Bull. Jard. Bot. Btzg III, 1, 1918, 359–389); *ditto* II (*ibid.* 4, 1922, 163–229); *ditto* III (*ibid.* 4, 1922, 320–347).–Practical key to Mal. genera; addit. descr. of new *spp.*

BROWN, N. E., On some new Aroideae; with observations on other known forms. Part 1 (J.

Linn. Soc. Bot. 18, 1880, 242–263, t. 4–6).–Misc. notes and records.

ENGLER, A., in DC. Mon. Phan. 2 (1879) 1–681.
—, Neue Araceen vom Indischen Archipel (Bot. Jahrb. 1, 1881, 179–186).–Notes and descr.

—, Araceae della Malesia e della Papuasie raccolte da O. Beccari (Malesia 1, 1885, 259–304, t. 16–28).–Important treatments; descr. and some keys. In Latin.

—, Araceae novae Asiae tropicae et subtropicae (Bot. Jahrb. 25, 1898, 1–28).–List records & descr.

—, Beiträge zur Kenntniss der Araceae X (*ibid.* 37, 1906, 110–143).–*Ditto*.

—, Pothoideae (Pflanzenreich Heft 21, 1905, 1–330, fig. 1–88); additamentum (*ibid.* Heft 37, 1908, 2–3, 138–139).–*Acorus*, *Anadendron*, *Anthurium*, *Pothoideum*, *Pothos*.

—, Lasioideae (*ibid.* Heft 48, 1911, 1–130, fig. 1–44).–*Amorphophallus*, *Cyrtosperma*, *Lasia*, *Podoladia*.

—, Philodendroideae – Anubiadeae, Aglaonemateae, Dieffenbachieae, Zantedeschieae, Typhonodoreae, Peltandreae (*ibid.* Heft. 64, 1915 1–78, fig. 1–34).–*Aglaodorum*, *Aglaonema*, *Dieffenbachia*, *Zantedeschia*.

—, Aroideae – Pistioideae (*ibid.* Heft 73, 1920, 1–274, fig. 1–64).–*Arisaema*, *Arum*, *Pistia*, *Sauroratum*, *Typhonium*.

—, & K. KRAUSE, Monsteroideae (*ibid.* Heft 37, 1908, 4–138, fig. 1–56).–*Amydrium*, *Epipremnum*, *Holochlamys*, *Monstera*, *Raphidophora*, *Scindapsus*, *Spathiphyllum*.

—, Philodendroideae – Philodendreae – Homalomeninae, Schismatoglottidinae (*ibid.* Heft 55, 1912, 1–134, fig. 1–77).–*Bucephalandra*, *Dianthiella*, *Gamogyne*, *Homalomena*, *Microcasia*, *Piptospatha*, *Schismatoglottis*.

—, Colocasioideae (*ibid.* Heft 71, 1920, 1–139, fig. 1–29).–*Alocasia*, *Aridarum*, *Caladium*, *Colocasia*, *Remusatia*, *Schizocasia*, *Syngonium*, *Xanthosoma*.

—, Araceae, pars generalis et index familiae generalis (*ibid.* Heft 74, 1920, 1–71).–General considerations; system of the family.

KRAUSE, K., Philodendroideae-Philodendreae-Philodendrinae (*ibid.* Heft 60, 1913, 1–143, fig. 1–45).–*Philodendron*.

MIQUEL, F. A. W., in DE VRIESE, Pl. Ind. Bat. Or. (1856) 148–153.–List; descr. new *spp.*

—, Mantissa Aroidearum indicarum (Ann. Mus. Bot. Lugd.-Bat. 3, 1867, 79–82).

SCHOTT, H. W., Synopsis Aroidearum, etc. (1856) 1–140.–Enum.; many descr.

—, Genera Aroidearum exposita. Vienna (1858) 1–101, t. 1–98.–Plates and descr. of genera; no key to these.

—, Aroideenskizzen (Bonplandia 7, 1859, 30–31, 164).–Descr. new *spp.* of *Homalomena* and *Chamaecladon*.

—, Prodrum systematis Aroidearum (1860) 1–602.–Monograph; no keys!

—, in MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 1 (1863–64) 122–131, 221, 278–286.–Records; list; new *spp.*

Local

- Sumatra:** MERRILL, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 152.—New *Homalomena*.
 —, J. Mal. Br. R. As. Soc. no 87 (1923) 104–106.—List; new *Pothos* and *Homalomenas*.
 —, Kew Bull. (1925) 92–93.—List; 2 new *spp.*
 —, *ibid.* (1926) 92–93.—New *Pothos*.
 DE VRIESE, in MIQUEL, Pl. Jungh. (1852) 99–106.—List; several new *Pothos*.
Malay Peninsula: FURTADO, Gard. Bull. Str. Settl. 8 (1935) 145–158.—New descr. and reductions in *Cryptocoryne*, *Pothos*, *Rhaphidophora*, *Scindapsus*.
 —, M. A. H. A. Mag. 10 (1941) 11–17.—Key to edible aroids.
 RIDLEY, Mat. Fl. Mal. Pen. (Monocot.) pt 3 (1908) 1–52.—Keys.
Java: BACKER, Trop. Natuur 9 (1920) 1–4, 19–32.—Key to Jav. *Amorphophallus*.
 KOORDERS, Bull. Jard. Bot. Btzg III, 1 (1919) 159–161.—Note on *Cyrtosperma merkusii*.
 —, *ibid.* III, 1 (1919) 162–167, t. 5–7.—Descr. new *Alocasia*.
 MIQUEL, Berl. Bot. Zeit. 14 (1856) 561–565.—Descr.
 VAN STEENIS, Bull. Jard. Bot. Btzg III, 17 (1948) 403.—New comb. in *Typhonium*.
 —, *ibid.* III, 17 (1948) 447–456.—Key to Jav. *Arisaema*.
 —, c.s., Blumea 6 (1950) 359.—New comb. in *Homalomena*.
Borneo: BROWN, J. Bot. 20 (1882) 195–196.—Descr. *Gamogyne*.
 ENGLER, Bull. Soc. Tosc. Ort. (1879) 265–271; 295–302.—Misc. descr. coll. BECCARI.
 — & KRAUSE, Bot. Jahrb. 48 (1912) 93–95.—List; some new *Homalomenas* and *Schismatoglottis*.
 FURTADO, Gard. Bull. Str. Settl. 8 (1935) 145–158.—New *spp.* and critical remarks in *Pothos*, *Rhaphidophora*, *Schismatoglottis*, and *Scindapsus*.
 MERRILL, J. Str. Br. R. As. Soc. no 85 (1922) 159–160.—New *Schismatoglottis*.
 —, Philip. J. Sc. 29 (1926) 353–354.—List; new *Scindapsus*.
 RIDLEY, J. Str. Br. R. As. Soc. no 44 (1905) 169–188.—List; many new *spp.*
 —, J. Bot. 51 (1913) 201–202, t. 527.—*Aridarum n.g.*; critical remarks on *Piptospatha* and *Gamogyne*.
 DE WIT, Webbia 9 (1954) 455–458, fig. 1.—Descr. neotype *Cryptocoryne longicauda* BECC. & ENGL.
Celebes: BOK & LAM, Blumea 2 (1936) 33, 1 fig.—New *Amorphophallus*.
 KRAUSE, Notizbl. Berl.-Dahlem 11 (1932) 331–332.—New *Rhaphidophora*.
Philippines: ELMER, Leaf. Philip. Bot. 10 (1938) 3611–3635; *ibid.* 10 (1939) 3699–3704.—New *spp.*
 KRAUSE, Bot. Jahrb. 44 (1910) Beibl. 101, p. 11–12.—Some new *Rhaphidophora*.
 —, *ibid.* 45 (1911) 657–660.—Descr. new *spp.*
 —, Notizbl. Berl.-Dahlem 5 (1912) 266–267.—Descr. 2 new *spp.*
 —, in ELMER, Leaf. Philip. Bot. 6 (1914) 2284–2285.—Descr. 2 new *Rhaphidophoras*.

- MERRILL, Philip. J. Sc. 21 (1922) 516.—New *Pothos*.
 —, *ibid.* 26 (1925) 451–452.—New *Rhaphidophora* & *Aglaonema*.
 QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 136.—New *Schismatoglottis*.
 SCHOTT, Bonplandia 10 (1862) 148.—Descr. *Alocasia*.
New Guinea: ENGLER, Bull. Soc. Tosc. Ort. (1879) 265–271, 295–302.—Misc. descr. coll. BECCARI.
 — & KRAUSE, Nova Guinea 8 (1910) 247–252.
 —, *ibid.* 8 (1912) 805–809, t. 147–148.
 —, Bot. Jahrb. 49 (1912) 90–99.
 —, *ibid.* 54 (1916) 74–91.—New *spp.*; no keys.
 KRAUSE, Bot. Jahrb. 45 (1911) Beibl. 104, p. 84.—New *Epipremnum*.
 — & VAN ALDERWERELT VAN ROSENBURGH, Nova Guinea 14 (1924) 210–220.—List; new *spp.*

Genera

- Alocasia:** FURTADO, Gard. Bull. Str. Settl. 11 (1941) 244–257.—*A. macrorrhiza* and its varieties.
Amorphophallus: BLUME ex DECAISNE, Nouv. Ann. Mus. Paris 3 (1834) 366.¹
 WINKLER, Ber. Deut. Bot. Ges. 49 (1931) 91–101, t. 6–11.—Details on *A. titanum*.
Arisaema: BUCHET, Not. Syst. 1 (1911) 366–375.—New *spp.*
Colocasia: HILL, Bot. Mus. Leaf. Harv. 7 (1939) 113–118.—Nomencl. *C. esculenta*; varieties.
Cryptocoryne: ENGLER, in BECCARI, Malesia 1 (1883) 296–300.—Key!
 PETCH, Ann. R. Bot. Gard. Peradeniya 11 (1928) 11–26, t. 2–5.—Notes on some Ceylon *spp.*
Epipremnum: ENGLER, in BECCARI, Malesia 1 (1885) 272–275.—Key!
Homalomena: FURTADO, Gard. Bull. Str. Settl. 10 (1939) 183–238.—Synopsis Indo-Mal. *spp.*; no key.
Piptospatha (Gamogyne): ENGLER, Pflanzenreich Heft 71 (1920) 2.—Reduction.
Rhaphidophora: ENGLER, in BECCARI, Malesia 1 (1885) 266–272.—Key!
Schismatoglottis: ENGLER, in BECCARI, Malesia 1 (1885) 284–288.—Key!
Scindapsus: ENGLER, in BECCARI, Malesia 1 (1885) 275–278.—Key!

ARALIACEAE

- MIQUEL, F. A. W., in DE VRIESE, Pl. Ind. Bat. Or. (1856) 81–92.
 —, Ann. Mus. Bot. Lugd.-Bat. 1 (1864) 1–27,

(1) The first legitimate description of *Amorphophallus* has been referred by BLUME to 'Bat. Courant 1825', and this source has always been copied. However, the instalment of this Government issue of Nov. 23rd, 1825, contained only a short, clear description in Dutch of an aroid which BLUME claims to represent a new genus and which he expects to describe and name in a future paper. As far as we can trace the name *Amorphophallus* was first mentioned in 1834.

219–220.—Descr. new gen. & spp.; list; no keys!

SEEMANN, B., Revision of the natural order Hederaeae (J. Bot. 2, 1864, 235–250, 289–309; *ibid.* 3, 1865, 73–81, t. 27, 173–181, 265–276, 361–363, t. 41; *ibid.* 4, 1866, 293–299, 352–353; *ibid.* 5, 1867, 236–239, 285–286; *ibid.* 6, 1868, 52–58, 129–142, 161–165).

—, A revised reprint of the same work (1868) 107 pp.

VIGUIER, R., Sur les Araliacées du groupe de Polyscias (Bull. Soc. Bot. Fr. 52, 1905, 285–314).

—, Recherches anatomiques sur la classification des Araliacées (Ann. Sc. Nat. Bot. IX, 4, 1906, 1–210).—New system of the family; see critics by HARMS, Bot. Jahrb. 40 (1907) Lit.-Ber. 22–27.

—, Nouvelles recherches sur les Araliacées (*ibid.* IX, 9, 1909, 305–405).

Local

North America: SMITH, A. C., Brittonia 2 (1936) 247–261.—List.

China: LI, Sargentia 2 (1942) 1–134, fig. 1–14.—Survey of Chin. *Aral.*; keys.

—, Proc. Acad. Nat. Sc. Philad. 96 (1944) 249–277, map.—Phytogeogr. div. of China based on distr. of *Aral.*

Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 116–121.—New *Trevesia* and *Scheffleras*.

—, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 177–179.—3 new *Scheffleras*.

—, *ibid.* 23, 1937 (1938) 186–187.—New *Schefflera*.

RIDLEY, J. Mal. Br. R. As. Soc. no 87 (1923) 64.—List; new *Aralia*.

DE VRIESE, Ned. Kruidk. Arch. 1 (1846) 15–19.—Some descr. of *Aralia* and *Arthrophyllum*.

Malay Peninsula: HENDERSON, Gard. Bull. Str. Settl. 7 (1933) 105–106, t. 22–23.—New *Schefflera* and *Acanthopanax*.

RIDLEY, Kew Bull. (1929) 124.—Second sp. of *Hederopsis*.

Java: BAKHUIZEN VAN DEN BRINK & VAN OOSTSTROOM, in BACKER, Bekn. Fl. Java (em. ed.) afl. 7 (1948) fam. 159, p. 1–19.—In Dutch; keys. KOORDERS, Bull. Jard. Bot. Btzg III, 1 (1919) 181–186, t. 16–17.—New *Pentapanax*.

MIQUEL, Plant. Jungh. (1855) 420–426.—Many new spp. and new gen.

Borneo: MERRILL, Philip. J. Sc. 13 (1918) Bot. 99–103.—4 new *Scheffleras*.

—, J. Str. Br. R. As. Soc. no 79 (1919) 27–31.—New spp. of *Schefflera*; no key.

—, Sarawak Mus. J. 3 (1928) 537–538.—Two new *Scheffleras*.

PHILIPSON, J. Bot. 78 (1940) 116–119.—List CLEMENS records; new sp. in *Polyscias* and *Gilibertia*.

Philippines: ELMER, Leaf. Philip. Bot. 6 (1914) 2325–2341.—New spp. Mindanao.

—, *ibid.* 10 (1938) 3637–3648, 3704–3705.—New spp. of *Schefflera*; no key.

MERRILL, Philip. J. Sc. 10 (1915) Bot. 195–205.—New *Scheffleras*.

—, *ibid.* 26 (1925) *Schefflera*.

Celebes: HARMS, Ann. Jard. Bot. Btzg 19 (1904) 12, 17–18.—New *Tetraplasandra*, 2 *Scheffleras*.

—, in FEDDE, Rep. 3 (1907) 23–24.—New *Schefflera*.

New Guinea: HARMS, Nova Guinea 8 (1910) 271–277, t. 62–64.

—, Bot. Jahrb. 56 (1920) 374–414, f. 1–4.—Revision; keys!

—, *ibid.* 69 (1938) 277–283.—Descr.

—, J. Arn. Arb. 20 (1939) 321–323.

—, Bot. Jahrb. 72 (1942) 205–207.—3 new *Scheffleras*.

PHILIPSON, Bull. Br. Mus. Nat. Hist. Bot. 1 (1951) 9–18.—New spp. from New Guinea & Solomons.

RIDLEY, J. Bot. 52 (1914) 290–291.—2 new *Scheffleras*.

Solomon Islands: HARMS, Notizbl. Berl.-Dahlem 15 (1942) 677–680.—List coll. WATERHOUSE; 3 new spp.

Genera

Acanthopanax: HARMS, Mitt. Deut. Dendr. Ges. 27 (1918) 1–39, t. 1–8b.—Keys.

Acanthophora: VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 390–391.—Distr.

Aralia: HARMS, Bot. Jahrb. 23 (1896) 1–20.—Revision; list; no key.

VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 391–395, fig. 1.—Critical notes.

Boerlagiodendron (*Eschweilera*, *Osmoxylon*): BECCARI, Malesia 1 (1878) 193–198.—Census.

BOERLAGE, Ned. Kruidk. Arch. 4 (1886) 1–15.—Remarks.

—, Ann. Jard. Bot. Btzg 6 (1887) 112–125, t. 13–16.—Key!

HARMS, Bot. Jahrb. 56 (1921) 377–384.—Nearly a revision; key.

Dendropanax (*Gilibertia* R. & P. non al.): MERRILL, Brittonia 4 (1941) 129–134.—List of Old World spp.

PHILIPSON, Bull. Br. Mus. Nat. Hist. Bot. 1 (1951) 18–19.—Critical remarks.

SMITH, A. C., Trop. Woods no 66 (1941) 1–3.—*Dendropanax* should be conserved; new comb.

Harmsiopanax (*Horsfieldia* non WILLD., BL.): HARMS, Bot. Jahrb. 56 (1920) 413.

Macklinlaya (incl. *Anomopanax*): HARMS, Ann. Jard. Bot. Btzg 19 (1904) 13–16.—Enum.

PHILIPSON, Bull. Br. Mus. Nat. Hist. Bot. 1 (1951) 3–9.—Revision; key!

Nothopanax: MERRILL, Philip. J. Sc. 7 (1912) Bot. 241–243.—List.

SPRAGUE & GREEN, Kew Bull. (1933) 154–155.—Nomencl.

Panax: HARMS, Bot. Jahrb. 23 (1896) 1–23.—Delimitation against *Aralia*.

Peckeliopanax: HARMS, Notizbl. Berl.-Dahlem 9 (1929) 478–484.—Spp. from New Britain.

Pentapanax: HARMS, Bot. Jahrb. 23 (1896) 20–22.—Some critical remarks.

KOORDERS, Bull. Jard. Bot. Btzg III, 1 (1919) 181–186, t. 16–17.—New sp. from Java.

- Schefflera** (*Sciodaphyllum*): SMITH, A. C., *Trop. Woods* no 66 (1941) 3–6.—Nomencl.
Tetraplasandra: HARMS, *Ann. Jard. Bot. Btzg* 19 (1904) 12.—New *sp.* from Celebes.
 SHERFF, in SHERFF, *Bot. Leaflet* no 6 (1952) 19–41.—Descr. *Pac. spp.*
 —, *ibid.* no 8 (1953) 1–13.—Further notes.
Trevesia: BOERLAGE, *Ned. Kruidk. Arch.* 4 (1886) 1–15.—Remarks; new *sp.*
 —, *Ann. Jard. Bot. Btzg* 6 (1887) 106–112, t. 11–12.—Key!

ARAUCARIACEAE

See Coniferae

ARISTOLOCHIACEAE

- SCHMIDT, O. C., *Pflanzenfamilien* ed. 2, 16b (1935) 204–242, fig. 103–123.

Local

- Sumatra**: MERRILL, *Pap. Mich. Acad. Sc. Arts & Lett.* 23, 1937 (1938) 178.—New *Apama*.
Java: BACKER, *Trop. Natuur* 7 (1918) 177–183; *ibid.* 8 (1919) 133–138, 150–155, 161–168.—Key to wild & cult. *spp.* in last ref.
 —, *Bull. Jard. Bot. Btzg* III, 2 (1920) 320–322.—2 new *Aristolochias*.
Philippines: MERRILL, *Philip. J. Sc.* 29 (1926) 478.—New *Aristolochia*.
 QUSUMBING, *Philip. J. Sc.* 41 (1930) 322–323.—New *Thottea*.
 WARBURG, in PERKINS, *Fragm. Fl. Philip.* (1905) 169–170.—2 new *Aristolochias*.
New Guinea: LAUTERBACH, *Bot. Jahrb.* 52 (1914) 104–107.—Key.
 MERRILL & PERRY, *J. Arn. Arb.* 23 (1942) 383–384.—Descr.
 —, *ibid.* 29 (1948) 152–154.—Descr.
 SCHMIDT, *Bot. Jahrb.* 58 (1923) 488–491.—New *spp.*
 —, in FEDDE, *Rep.* 23 (1927) 298–299.—New comb. & record.

Genera

- Apama** (*Bragantia*): VALETON, *Ik. Bog.* 3 (1908) 153–154, t. 160.—New *sp.* from Sumatra.
Aristolochia: MASTERS, *J. Linn. Soc. Bot.* 14 (1875) 387–495.
 SCHMIDT, in FEDDE, *Rep.* 30 (1932) 72–75.—Austral. *spp.*; key!
Thottea: BECCARI, *Nuovo Giorn. Bot. Ital.* 2 (1870) 5–8, t. 1.—2 new *sp.* from Borneo.
 VAN STEENIS, *Bull. Jard. Bot. Btzg* III, 12 (1932) 204–207.—New *sp.* from Natuna Isl.
 VALETON, *Ik. Bog.* 3 (1908) 155–156, t. 161.—New *sp.* from Borneo.

ASCLEPIADACEAE

- BLUME, C. L., *Mus. Bot. Lugd.-Bat.* 1 (1849) 43–46, 57–60, 125–126; *ibid.* (1850) 146–150.—Descr.
 GOOD, R., *An atlas of the Asclepiadaceae* (New Phytol. 51, 1952, 198–209, maps 1–17).—Distr. of tribes and some genera.
 LÜCKHOFF, C. A., *The Stapelieae of South Africa* (1952) 283 pp., t. 1–5, photographs.

- SCHLECHTER, R., *Beiträge zur Kenntnis der Asclepiadaceen des Monsun-Gebietes* (*Bot. Jahrb.* 40, 1908, Beibl. 92, 1–19).—Misc. new *spp.*; *Oistone-ma*, *Anatropanthus* n.g.
 —, *Beih. Bot. Centralbl.* 34 Abt. 2 (1917) 1–18.—Misc. new gen. & *spp.*
 — & WARBURG, O., *Asclepiadaceae novae Asiae australis et orientalis* (in FEDDE, *Rep.* 3, 1907, 305–315, 339–347).—New *spp.*
 WHITE, A. & B. L. SLOANE, c.s., *The Stapelieae*. 2nd ed. Pasadena, Cal. (1937) 3 vols, 1233 fig., 39 col. pl.—Revision; keys.

Local

- North America**: WOODSON, *Ann. Missouri Bot. Gard.* 28 (1941) 193–244.—Keys to genera & sections.
Asia: TSIANG, *Sunyatsenia* 2 (1934) 174–202; *ibid.* 3 (1936) 160–240; *ibid.* 4 (1939) 54–94; *ibid.* 6 (1941) 169.—Various notes.
India: WIGHT, *Contr. Bot. India* (1834) 29–67.—Revision; partial keys.
Siam: KERR, *Kew Bull.* (1938) 445–454.—Descr. new *spp.*
 —, *ibid.* (1939) 456–465.—*Ditto*.
 —, *Fl. Siam. En.* 3 (1951) 1–51.—List.
Sumatra: RIDLEY, *J. Fed. Mal. Stat. Mus.* 8, 4 (1917) 62–63.—New *Hoya*, *Dischidia*, and *Hoyella* n.g.
 —, *J. Mal. Br. R. As. Soc.* no 87 (1923) 77–78.—New *Hoya* and *Dischidia*.
 —, *Kew Bull.* (1925) 85–86.—New *Hoya*.
 —, *ibid.* (1926) 74.—List; new *Hoya*.
Malay Peninsula: HENDERSON, *Gard. Bull. Str. Settl.* 7 (1933) 109–113, t. 26–27.—New *Tylophora* and 2 *Toxocarpus*.
Java: BACKER, *Ik. Bog.* 3 (1908) 157–159, t. 262.—Critical notes on *Hoya densifolia*.
 BAKHUIZEN VAN DEN BRINK, in BACKER, *Bekn. Fl. Java* (em. ed.) 8 (1949) 1–65.—In Dutch; keys!
 —, *Blumea* 6 (1950) 368–382.—Critical notes; new *spp.* in *Cynanchum*, *Toxocarpus*, *Tylophora*, *Dischidia*, *Hoya*, and *Heynella* n.g.
Borneo: MERRILL, *Philip. J. Sc.* 13 (1918) Bot. 120–121.—New *Ceropegia*.
 SCHWARZ, *Mitt. Inst. Allg. Bot. Hamburg* 7 (1931) 259–262.—List; new *spp.* in *Hoya* and *Dischidia*.
Philippines: ELMER, *Leaflet. Philip. Bot.* 10 (1938) 3543–3599.—List; descr.; no keys.
 KOORDERS, *Philip. J. Sc.* 15 (1919) 263–265.—Some remarks on a *Hoya*.
 MERRILL, *Philip. J. Sc.* 7 (1912) Bot. 243.—New comb. in *Telosma* (*Pergularia*).
 —, *ibid.* 27 (1925) 53–54.—New *Tylophora*.
 —, *ibid.* 60 (1936) 33.—New gen. name.
 SCHLECHTER, *Philip. J. Sc.* 1 (1906) Suppl. 295–303, 453–472.
 —, in FEDDE, *Rep.* 13 (1915) 537–544; *ibid.* 554–566.
Celebes: KOORDERS, *Bull. Jard. Bot. Btzg* III, 2 (1920) 245–254, t. 4–6.—Critical note on *Hoya maxima*.
New Guinea: MARKGRAF, *J. Arn. Arb.* 10 (1929) 84.—1 n. *sp.* from Papua.

NORMAN, Brittonia 2 (1937) 328.—2 new *Hoyas*.
 RIDLEY, J. Bot. 52 (1914) 293–294.—3 new *Hoyas*.
 SCHLECHTER, Bot. Jahrb. 50 (1913) 81–164.—
 Enum. NE. New Guinea; many new *spp.*; *Astel-*
ma n.g.
 VAN STEENIS, Blumea 7 (1954) 596.—Records of
 both *Phyllantheras*.

Genera

Asclepias: WOODSON, Ann. Missouri Bot. Gard. 41
 (1954) 1–211, 261, 114 fig.—Monogr.; key!
Ceropegia: TSIANG, Sunyatsenia 4 (1940) 290.—
 Nomencl. note.
Dischidia (Conchophyllum): BECCARI, Malesia 2
 (1878) 248–274, t. 60–63.—Synopsis; descr.; no
 key.
Gomphocarpus: BULLOCK, Kew Bull. (1952) 405–
 410.—Critical list Afr. *spp.*; no key.
Hoya: BLUME, Rumphia 4 (1849) 29–33, t. 182–
 188.—Some nice plates; enum. *spp.*
Parsonsia: MERRILL, Brittonia 1 (1933) 233–237.—
 Syn. of *P. helicandra*.
Pentasacme (Spiladocorys): SCHLECHTER, J. Bot.
 34 (1896) 15–16.—Reduction; revision; no key.
Pergularia-Telosma: BROWN, Kew Bull. (1907)
 323–325.—Nomencl.
Phyllanthera: VAN STEENIS, Bull. Bot. Gard. Btztg
 III, 18 (1950) 459.—Key.
Quisumbingia (Schlechterianthus, Petalonema):
 MERRILL, Philip. J. Sc. 60 (1936) 33.—Nomencl.
Sarcostemma (incl. Oxystelma): WOODSON, Ann.
 Missouri Bot. Gard. 37 (1950) 477–560.
Wattakaka (Dregea & Wattakaka): STAPP, Bot.
 Mag. (1922) 4 pp., t. 8976.—Java.

AVICENNIACEAE

See *Verbenaceae*

BALANOPHORACEAE

HARMS, H., Pflanzenfamilien ed. 2, 16b (1935)
 282–296.
 HOOKER, J. D., On the structure and affinities of
 Balanophoraceae (Trans. Linn. Soc. Lond. 22,
 1859, 1–68, t. 1–16).—Synopsis of the family;
 no keys.
 JUNGHUHN, F., Über Javan'sche Balanophoreen
 (Nova Acta Acad. Caes. Leop.-Car. Nat. Cur.
 18, Suppl. 1841, 201–228, t. 1–2).—Survey Jav.
spp. and descr. *Rhopalocnemis*.
 SETCHELL, W. A., Balania harlandii (Hook. f.)
 Tiegh. of the Hong Kong region and its relatives
 (Hong Kong Naturalist Suppl. 1, 1932, 2–14, t.
 1–9).—Discussion subdiv. in *Balanophora*, creat-
 ing a new genus; E. Asiat. *sp.*; no Mal. *spp.*
 —, Acroblastum vs. Polyplethia: a complex of
 the Balanophoraceae (Univ. Calif. Publ. Bot. 19,
 1935, 141–158, t. 16–19).—Segregation of *Acro-*
blastum from *Balanophora*; incl. several Mal.
spp.

Local

Java: JUNGHUHN, Nova Acta Acad. Caes. Leop.-
 Car. Nat. Cur. 18, Suppl. 1841, 201–228, t. 1–2.—
 Descr.

VAN STEENIS, Arch. Hydrobiol. Suppl. 10 (1932)
 301–302.—Reduction *Balanophora alutacea*;
 descr. *B. abbreviata*.
Borneo: BECCARI, Atti Soc. Ital. Sc. Nat. 11 (1868)
 repr. p. 2–3.—Descr. *Balanophora reflexa*.
 —, Nuovo Giorn. Bot. Ital. 1, 1869, repr. 1–20,
 t. 2–4.—Descr. new *sp.*; general considerations
 on *Balanophoraceae*; bibliogr.; enum. *Balano-*
phora spp.
 HOOKER f., Trans. Linn. Soc. 22 (1859) 426–427,
 t. 75.—New *Balanophora*.
Philippines: ELMER, Leaf. Philip. Bot. 5 (1913)
 1659–1662.—List; 3 new *Balanophoras*.
 WARBURG, in PERKINS, Fragm. Fl. Philip. (1905)
 169.—New *Balanophora*.
Moluccas: RIDLEY, J. Str. Br. R. As. Soc. no 39
 (1903) 207.—New *sp.* from Tenimber Isl.
New Guinea: MERRILL & PERRY, J. Arn. Arb. 23
 (1942) 383.—Record.
 —, *ibid.* 29 (1948) 152.—Record.
 SCHLECHTER, Bot. Jahrb. 50 (1913) 68–69, fig. 1.
 —Descr. new *sp.*
 VALETON, Nova Guinea 8 (1913) 919–921, t.
 161.—Descr. new *sp.*
Micronesia: HOSOKAWA, J. Soc. Trop. Agric. Tai-
 hoku Imp. Univ. 6 (1934) 572.—List; one new
sp.

Genera

Balanophora: FAWCETT, Trans. Linn. Soc. II, 2,
 Bot. (1886) 233–238, t. 33–36.—Synopsis; new
spp. from Sumatra, Java, Saleier; key.
 GÖPPERT, Nova Acta Acad. Caes. Leop.-Car.
 Nat. Cur. 18 (1842) Suppl. 231–272, t. 1–3.—
 Anat.
 LOTS, Ann. Jard. Bot. Btztg 16 (1899) 174–185,
 t. 16–19.—Embryol. *B. globosa*.
Exorhopala: VAN STEENIS, Handel. 6e N. I. Natuur-
 wet. Congr. (1931) 464–473 (1932).
Rhopalocnemis: GÖPPERT, Nova Acta Acad. Caes.
 Leop.-Car. Nat. Cur. 22 (1847) 119–158, t.
 11–15.—Structure; anat.
 LOTS, Ann. Jard. Bot. Btztg 17 (1901) 73–101, t.
 3–14.—Morph.; embryology.
 VAN STEENIS, Handel. 6e N. I. Natuurwet.
 Congr. (1931) 464–473 (1932).—Descr.; ecol.

BALSAMINACEAE

MIQUEL, F. A. W., Ill. Fl. Arch. Ind. (1871) 92–
 104.—Census; descr.

Local

Malay Peninsula: HENDERSON, Gard. Bull. Str.
 Settl. 5 (1930) 72–73, fig.—New *Impatiens*.
 HOOKER f., Kew Bull. (1909) 1–12; *ibid.* (1911)
 249–250.—Mal. Pen. & Indo-Chin. *spp.*
Sumatra: HOOKER f., Kew Bull. (1920) 246.—New
Impatiens.
 —, J. Bot. (1924) Suppl. 27–29.—Descr. new
sp.
 MIQUEL, Fl. Ind. Bat. Suppl. (1861) 161–162,
 395–398.—Descr.
 —, Choix (1864) t. 5.—Descr. of a *sp.*
 RIDLEY, J. Fed. Mal. St. Mus. 8, pt 4 (1917) 23–
 25.—Several new *Impatiens*.

- RIDLEY, Kew Bull. (1925) 78.—New *sp.*
Java: BACKER, Bull. Jard. Bot. Btzg III, 16 (1939) 109–110.—New *sp.*
 VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 384–387.—Key.
Borneo: HOOKER *f.*, Kew Bull. (1910) 74–76.—Descr. 3 new *Impatiens*.
Philippines: HOOKER *f.*, Kew Bull. (1909) 281–289.—Revision; key to Philip. *Impatiens*.
New Guinea: HOOKER *f.*, Bot. Mag. (1909) t. 8247; (1911) t. 8396.
 RIDLEY, Trans. Linn. Soc. Lond. II, Bot. 9 (1916) 23–24.—New *sp.*
 SCHLECHTER, Bot. Jahrb. 55 (1918) 114–120, fig. 1.—Key.

Genera

- Impatiens:** HOOKER *f.*, J. Linn. Soc. Lond. Bot. 37 (1904) 22–32.—Interpretation of the *spp.* in the Wallichian herb. of the Linn. Soc. London.
 HOOKER *f.*, Rec. Bot. Surv. Ind. 4 (1904–06) 1–10, 11–36, 37–59.—Epitome of Indian *spp.*
Semeiocardium: BACKER, Gard. Bull. Str. Settl. 9 (1935) 70–73, t. 2.

BARRINGTONIACEAE

See *Lecythidaceae*

BASELLACEAE

- BACKER, C. A., Bekn. Fl. Java (em. ed.) 4A (1942) fam. 64, 1–2.—In Dutch; key.
 ULBRICH, E., Pflanzenfamilien ed. 2, 16c (1934) 263–291.

Genera

- Boussingaultia:** HAUMAN, Anal. Mus. Nac. Hist. Nat. Buenos-Aires Bot. 33 (1925) 347–359.—Revision of the genus; key.

BEGONIACEAE

- BENECKE, F., Beitrag zur Kenntnis der Begoniaceen (Bot. Jahrb. 3, 1882, 288–318).
 CANDOLLE, A. DE, Mémoire sur la famille des Begoniacées (Ann. Sc. Nat. Bot. IV, 11, 1859, 93–149).—Census; subdiv. of family; descr. sections and new *spp.*
 IRMSCHER, E., Die Verteilung der Geschlechter in den Infloreszenzen der Begoniaceen unter Berücksichtigung der morphologischen Verhältnisse (Bot. Jahrb. 50, Suppl. 1914, 556–577).
 —, Pflanzenfamilien ed. 2, 21 (1925) 548–588, fig. 251–268.
 —, Über eine Abänderung des Zahlenverhältnisses zwischen männlichen und weiblichen Blüten bei der monoecischen *Begonia wallichiana* (Mitt. Inst. Alg. Bot. Hamburg 6, 1927, 149–158).—Variability in floral numbers.
 —, Neue Begoniaceen von O. Beccari in Malesien gesammelt (Webbia 9, 1954, 469–509, fig. 1–8).—Descr. new *spp.* mainly from Borneo and New Guinea.
 KLOTZSCH, J. F., Begoniaceengattungen und Arten (Abh. Akad. Wiss. Berlin 1854, 121–255, t. 1–12).

Local

- East Asia:** IRMSCHER, Mitt. Inst. Alg. Bot. Hamburg 6 (1927) 343–360.—Descr. new *spp.*
Sumatra: RIDLEY, J. Fed. Mal. Stat. Mus. 8 (4) (1917) 37–41.—Descr. new *spp.*
 —, J. Mal. Br. R. As. Soc. 87 (1923) 62–63.—Records; 2 new *spp.*
 —, Kew Bull. (1925) 83.—Records; new *sp.*
Malay Peninsula: BURKILL, J. Str. Br. R. As. Soc. 79 (1918) 103.—New *sp.* Langkawi Isl.
 IRMSCHER, Mitt. Inst. Alg. Bot. Hamburg 8 (1929) 86–160.—Revision; key.
 RIDLEY, Kew Bull. (1929) 258.—New *sp.*
Borneo: IRMSCHER, Webbia 9 (1954) 469–508, fig. 1–8.—Descr. new *spp.* coll. BECCARI.
 MERRILL, J. Str. Br. R. As. Soc. no 86 (1922) 334.—New *sp.*
 —, Sarawak Mus. J. 3 (1928) 529–532.—Records; 3 new *spp.*
 RIDLEY, Sarawak Mus. J. 2 (1916) 177–178.—New *sp.*
 WARBURG, in FEDDE, Rep. 18 (1922) 329.—New *sp.*
Celebes: HEMSLEY, Kew Bull. (1896) 37.—New *sp.*
 IRMSCHER, Bot. Jahrb. 50 (1913) 335–383.—Descr. new *spp.*
Philippines: ELMER, Leaf. Philip. Bot. 10 (1939) 3706–3709.—New *spp.*
 MERRILL, Philip. J. Sc. 6 (1911) Bot. 369–406.—Revision; key.
 —, *ibid.* 26 (1925) 477–483.—Addit. new *spp.*
 —, *ibid.* 30 (1926) 413–414.—New *sp.*
 —& QUISUMBING, Addisonia 17 (1932) 57–58, t. 573.—New *sp.*
 QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 172–175.—New *sp.*
New Guinea: IRMSCHER, Bot. Jahrb. 50 (1913) 335–383, fig. 1–5.—Descr. new *spp.*; no key.
 —, Notizbl. Berl.-Dahlem 7 (1917) 102–103.—New *sp.*
 —, Webbia 9 (1954) 469–509, fig. 1–8.—Descr. new *spp.* coll. BECCARI.
 MERRILL & PERRY, J. Arn. Arb. 24 (1943) 41–59, 7 fig.
 —, *ibid.* 29 (1948) 160.
 RIDLEY, J. Bot. 52 (1914) 289–290.—New *sp.*
 —, Trans. Linn. Soc. Lond. II, Bot. 9 (1916) 58–62.—Descr. new *spp.*
 SMITH, J. J., Bull. Dép. Agr. Ind. Néerl. no 2 (1906) 47–48.—New *sp.*

Genera

- Begonia:** DRYANDER, Trans. Linn. Soc. 1 (1791) 155–173.
 FOTSCH, K. A., Die Begonien, ihre Beschreibung, Kultur, Züchtung und Geschichte. Stuttgart 1933, 254 pp., 87 fig., t. 1–5.—A sort of key to cult. *spp.* not complete and not scientific; descr. of *spp.* mentioned; some of Malaysia.

BERBERIDACEAE

- KOCH, K., in MIQ. Ann. Mus. Bot. Lugd.-Bat. 1 (1864) 252.—List Mal. *spp.*
 TISCHLER, G., Die Berberidaceen und Podophyl-

laceen. Versuch einer morphologisch-biologischen Monographie (Bot. Jahrb. 1 1902, 596–727, fig. 1–30).—Morph.; key to genera.

Local

India: CHATTERJEE, Rec. Bot. Surv. India 16 (1953) 1–86.—Keys!

Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 55–56, t. 1.—New sp.

Genera

Berberis: AHRENDT, J. Bot. 79 (1941) Suppl. 1–80; (1942) 81–104; (1944) 105–112; (1945) 113–116.—Revision of the genus in Asia; keys.

SCHNEIDER, Bull. Herb. Boiss. II, 5 (1905) 33–48, 133–148, 391–403, 449–464, 655–670, 800–831; *ibid.* 8 (1908) 192–204, 258–266.—Precursory to monograph; key to *spp.*

—, Mitt. Deut. Dendrol. Ges. 55 (1942) 1–60 (1943).—Revision *sect. Wallichianae*; key.

Epimedium: STEARN, J. Linn. Soc. Lond. Bot. 51 (1938) 409–536, t. 24–31.—Monogr.; key.

Mahonia: FEDDE, Bot. Jahrb. 31 (1901) 30–133.—Revision; key.

TAKEDA, Not. R. Bot. Gard. Edinb. 6 (1917) 209–245, t. 1–37.—Old World *spp.* with descr.; no keys.

BETULACEAE

WINKLER, HUB., Pflanzenreich Heft 19 (1904) 1–149, fig. 1–28, t. 1–2 (maps).

Genera

Alnus: O. KUNTZE, Rev. Gen. Pl. (1891) 639–640.—Key.

Carpinus: HUB. WINKLER, Bot. Jahrb. 50 (1914) 488–508.

Corylus: BEIJERINCK, Jaarb. Ned. Dendr. Ver. 1948–1949 (1951) 67–107.—Revision; in Dutch.

BIGNONIACEAE

BUREAU, E., Monographie des Bignoniacées, etc. Thèse, Paris (1864) 1–215, t. 1–31.

DOP, P., Contribution à l'étude des Bignoniacées (Bull. Soc. Bot. Fr. 62, 1926, 887–891, fig. 1–4).—Descr. *Haplophragma n.g.*; key to some As.—Afr. genera of *Tecomeae*.

MIQUEL, F. A. W., Animadversiones in nonnullas Bignoniaceas (Ann. Mus. Bot. Lugd.-Bat. 1, 1864, 197–202).—Survey; descr.; no key.

SEEMANN, B., Synopsis Crescentiacearum: an enumeration of all the Crescentiaceous plants at present known (Trans. Linn. Soc. 23, 1860, 1–22).—Keys to genera, not to *spp.*

—, Revision of the natural order Bignoniaceae (Ann. Mag. Nat. Hist. III, 10 1862, 29–33).—Subdiv. of family; enum. of genera; descr. of *Aistanthus* & *Campsidium*.

—, Revision of the natural order Bignoniaceae (J. Bot. 1, 1863, 18–23, 87–91, 225–228, 257–258; *ibid.* 3, 1865, 329–333; *ibid.* 5, 1867, 371–375; *ibid.* 8, 1870, 145–149, 337–341, 379–383).—Precursory to revisions of some genera.

SEIBERT, R. J., The use of glands in a taxonomic consideration of the family Bignoniaceae (Ann. Missouri Bot. Gard. 35, 1948, 123–136, t. 3–7).

STEENIS, C. G. G. J. VAN, Malayan Bignoniaceae, their taxonomy, origin, and geographical distribution (Rec. Trav. Bot. Néerl. 1927, 787–1049, fig. 1–16, map).—Rev. Mal. *spp.*; keys.

—, The Bignoniaceae of the Netherlands Indies (Bull. Jard. Bot. Btzg III, 10, 1928, 173–290, fig. 1–13).—Revision Neth. Ind. *spp.*; keys.

Local

India & Burma: CHATTERJEE, Bull. Bot. Soc. Beng. 2 (1948) 62–79.

Indo-China: DOP, Bull. Mus. Hist. Nat. Paris (1926) 182–185, 233–235.—Descr. new *spp.*

Malay Peninsula: HOLTUM, M. A. H. A. Mag. 11 (1941) 3–11.—Cultivated *spp.*; key.

Java: MERRILL, Philip. J. Sc. 19 (1921) 381.—Discussion ident. *Crescentia ovata* BURM.

Borneo: VAN STEENIS, J. Bot. 72 (1934) 5–6.—New *Radermachera*.

Philippines: ELMER, Leaf. Philip. Bot. 10 (1939) 3709–3711.—New *Radermachera*.

MERRILL, Philip. J. Sc. 3 (1908) Bot. 331–338.—Rev. *Radermachera*; key.

—, *ibid.* 26 (1925) 489.—New *Radermachera*.

New Guinea: DIELS, Bot. Jahrb. 57 (1922) 496–500.—Descr. *Neosepicaea n.g.*; new *spp.*; key to *Tecomanthe*.

GIBBS, Fl. Phyt. Arfak Mts (1917) 179–180.—New sp.

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Queensland: VAN STEENIS, Proc. R. Soc. Queensl. 41 (1929) 39–58, fig. 1–2.—Revision; keys.

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Campsis: SEEMANN, J. Bot. 5 (1867) 371–374.—Enum.: no key.

Catalpa: PACLET, Candollea 13 (1952) 241–285.—Revision; key.

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SCHEFFER, Nat. Tijd. Ned. Ind. 31 (1870) 332–337.—Revision; no key.

Dolichandrone: SPRAGUE, Kew Bull. (1919) 302–314.—Revision; key.

Nyctocalos: MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 3 (1867) 249, t. 8.—Revision.

SEEMANN, J. Bot. 8 (1870) 147–149.—Incl. *Haussmannia*; key.

Radermachera: MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 3 (1867) 250.—Revision.

SEEMANN, J. Bot. 8 (1870) 145–147.—Enum.

Spathodea: SEEMANN, J. Bot. 1 (1863) 225; *ibid.* 3 (1865) 332; *ibid.* 8 (1870) 339–341.—New defin.; list epithets.

Tecoma (*Stenolobium*): MELCHIOR, Ber. Deut. Bot. Ges. 59 (1941) 18-31.—Critical remarks on some *spp.*

REHDER, Mitt. Deut. Dendr. Ges. 22 (1913) 262.—Generic typification.

SEEMANN, J. Bot. 1 (1863) 87-91.—List; key.
SPRAGUE, J. Bot. 60 (1922) 364.—Generic typification.

Tecomanthe: BLUME, Rumphia 4 (1849) 34-36, t. 190.—Enum. (under *Tecoma*).

Tecomaria: SEEMANN, J. Bot. 1 (1863) 19-23.—Enum.

Wightia. See *Scrophulariaceae*.

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in the restricted sense

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PILGER, R., Pflanzenfamilien ed. 2, 21 (1925) 313-315, fig. 139.

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BAKHUIZEN VAN DEN BRINK, R. C., Revisio Bombacacearum (Bull. Jard. Bot. Btzig III, 6, 1924, 161-240, t. 26-38).—Family revision; keys.

—, *ibid.* 241-254.—Rev. Indonesian *spp.*; keys.
BECCARI, O., Le Bombaceae Malesi descritte ed illustrate (Malesia 3, 1889, 201-280, t. 12-36).—Revision Mal. *spp.*; keys.

MASTERS, M. T., Monographic sketch of the Durioneae (J. Linn. Soc. Bot. 14, 1875, 495-508, t. 14-16).—Synopsis; descr. gen. & *spp.*; no key.

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Malay Peninsula: CORNER, Gard. Bull. Str. Settl. 10 (1939) 302-308.—Revision Mal. Pen. *Durio*; key.

FURTADO, Gard. Bull. Str. Settl. 4 (1929) 421-425.—Key to *spp.* of *Neesia*.

WYATT-SMITH. See under *Durio*.

Borneo: KOSTERMANS, Trop. Natuur 33 (1953) 31-35, 3 fig.—Biol. notes; new comb. in *Durio*.

MERRILL, Philip. J. Sc. 29 (1926) 393-394.—New *Durio* from Banguay Isl.

RIDLEY, Kew Bull. (1938) 221.—New *sp.*

WYATT-SMITH. See under *Durio*.

Philippines: MENDOZA, Philip. J. For. 4 (1941) 27-35, 2 pl.—Notes on *Durio* in Palawan.

New Guinea: VAN STEENIS, J. Arn. Arb. 28 (1947) 422.—Record of *Papuodendron*.

WHITE. See under *Papuodendron*.

Genera

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Bombax, *Gossampinus*, *Pseudobombax*, *Salmalia* (*typification*, chronol.): BAKHUIZEN VAN DE BRINK, Bull. Jard. Bot. Btzig III, 6 (1924) 161.
ALSTON, Handb. Fl. Ceylon 6 (Suppl.) (1931) 30.
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DUGAND, Caldasia 6 (1943) 47-68.

CHATTERJEE & RAIZADA, Ind. For. 76 (1950) 139, 154-155.—*Non vid.*

—, Taxon 3 (1954) 102.

Camptostemon (*Cumingia*): TROLL, Flora 128 (1933) 348-360.—Key; distr.

Ceiba: TOXOPEUS, Meded. Alg. Proefst. Landb. Btzig no 56 (1948) 1-19, map.—Discussion origin *Ceiba* in Afr., Asia & Mal.

Durio (*Boschia*, *Heteropyxis*, *Lahia*): WYATT-SMITH, Kew Bull. (1953) 513-532 (1954).—Some new comb.; valuable notes on Mal. Pen. & Bornean *spp.*; key to Malayan *spp.*

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—, *ibid.* no 70 (1942) 20-23.—Critical study of ROWLEE's types; syn. of *O. lagopus*.

ROWLEE, J. Wash. Acad. Sc. 9 (1919) 157-167.—Synopsis.

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BRAND, A., Cynoglosseae (Pflanzenreich 78, 1921, 1-183, fig. 1-22).

JOHNSTON, I. M., Studies in the Boraginaceae III (Contr. Gray Herb. n. s. 73, 1924, 42-78).—Genera; specially p. 68 *Plagiobothrys*.

—, *ditto* XI (J. Arn. Arb. 16, 1935, 145-205).—Key to *Tournefortia*, *Messerschmidia* and *Havilandia*.

—, *ditto* XX. Representatives of 3 subfamilies in Eastern Asia (J. Arn. Arb. 32, 1951, 1-26, 99-122).—*Cordioidae* and *Heliotropoidae* from China, Northern Indo-China, Hainan, Formosa, Riukius and Japan. Full keys & elaborate notes on *Cordia*, *Coldenia*, *Rotula*, *Ehretia*, *Heliotropium*, *Tournefortia*, *Messerschmidia*.

Local

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Siam: FLETCHER & KERR, Flora Siam. Enum. 3 (1951) 77-88.—Enum.

Java: HOCHREUTNER, C. R. Soc. Phys. Hist. Nat. Genève 44 (1927) 74.—Record of *Cynoglossum australe* in E. Java.

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PULLE, Nova Guinea 8 (1910) 399.—Records. —, *ibid.* 8 (1912) 683.—*Ditto*.

Genera

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HUTCHINSON, Kew Bull. (1918) 217-222, fig. 1-2.—*C. myxa* & 2 allied *spp.*; key.

- JOHNSTON, Contr. Gray Herb. no 92 (1930) 1-65.
—Amer. *spp.*; keys.
—, J. Arn. Arb. 21 (1940) 336-355.—Key to Centr. Amer. *spp.* of sect. *Pilicordia*.
Ehretia: NAKAI, J. Arn. Arb. 5 (1924) 36-41.—Rev. some *spp.* allied to *E. acuminata*; key.
Lithospermum: JOHNSTON, J. Arn. Arb. 33 (1952) 299-363, t. 1-3.—Revision; key.
Mertensia: WILLIAMS, Ann. Missouri Bot. Gard. 24 (1937) 17-159.—Monogr.; keys to N. Amer. *spp.*
Myosotis: STROH, Beih. Bot. Centralbl. 61B (1941) 317-345.—Enum.; synonym.; no keys; no descr.
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SLEUMER, Pflanzenfamilien ed. 2, 20b (1942) 400.—Comment.
WILLIAMS, Bull. Herb. Boiss. II, 5 (1905) 225.—Places it close to *Peripterygium* (*Isacin*).
Rotula (*Rhabdia*): BUNTING, J. Bot. 47 (1909) 269-270.—Reduction; revision; monotypic.
JOHNSTON, J. Arn. Arb. 32 (1951) 14-16.—Revision; 2 *spp.*
KUHLMANN, Arq. Inst. Biol. Veg. Rio de Janeiro 1 (1934) 113-114, fig. 1-14.—Descr. new Braz. *Rhabdia*.
Tournefortia: JOHNSTON, Contr. Gray Herb. no 92 (1930) 66-89.—Sect.; key to Amer. *spp.*
Trigonotis (*Havilandia*, *Zoelleria*): JOHNSTON, J. Arn. Arb. 21 (1940) 57-63.—Descr. new Pap. *spp.*; key to part of Mal. *Trigonotis*; reduction 2 genera and discussion of generic delimitation.

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- HARMS, H., Pflanzenfamilien ed. 2, 15a (1930) 65-159, fig. 31-54.
MEZ, C., in DC. Mon. Phan. 9 (1896) 1-990.
—, Pflanzenreich Heft 100 (1932) 1-437.

Local

- Java**: BACKER, Handb. Fl. Java 3 (1924) 8-18.—Only cultivated.

BUDDLEIACEAE

See Loganiaceae

BURMANNIACEAE

- BECCARI, O., Malesia 1 (1878) 240-254, t. 10-15.—Synopsis Indo-Austr. *spp.*; no key.
JONKER, F., A monograph of the Burmanniaceae. Thesis, Utrecht (1938) 1-279, fig. 1-20.—Keys!
—, Fl. Mal. I, 4 (1948) 13-26, fig. 1-11.
SCHLECHTER, R., Die Thismieae (Notizbl. Berl.-Dahlem 8, 1921, 31-45).—Revision; new genera and *spp.*; keys.

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SMITH, J. J., Bull. Jard. Bot. Btzg III, 9 (1927) 220-222, 1 fig.—New *Thismia*.
Malay Peninsula: RIDLEY, J. Str. Br. R. As. Soc. 22 (1890) 331-339.
—, Ann. Bot. 9 (1895) 323-326, t. 12.—2 new *Thismias*.

- , Mat. Fl. Mal. Peninsula (Monocot.) 2 (1907) 69-75.—Keys.
Borneo: WARBURG, in FEDDE, Rep. 18 (1922) 330.—New *Burmmania*.
Philippines: SCHLECHTER, Philip. J. Sc. 1 (1906) Suppl. 305.—New *Burmmania*.
New Guinea: SCHLECHTER, Bot. Jahrb. 49 (1912) 100-108, fig. 1.—List descr.; no key.
—, *ibid.* 55 (1918) 202-203, fig. 1.—New *Thismia*.
SMITH, J. J., Nova Guinea 8 (1909) 193-195, t. 49.—List some new *spp.*
—, *ibid.* 8 (1912) 895-896, t. 159.—New *Burmmania*.

Genera

- Gymnosiphon**: SCHLECHTER, in FEDDE, Rep. 17 (1921) 253-258.—Distinction against *Ptychome-ria*; enum.

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- CRETZIOU, P., Burseraceae malayananae (in FEDDE, Rep. 36, 1934, 265-267).—Ident. Vienna sheets; listed records.
ENGLER, A., in DC. Mon. Phan. 4 (1883) 1-169, t. 1-3.
—, Pflanzenfamilien ed. 2, 19a (1931) 405-456, fig. 191-220.
HUSSON, A. M. & H. J. LAM, Scandent Burseraceae (Dacryodes and Canarium) (Blumea 7, 1952, 163-167, fig. 1).—New *Dacryodes* from Borneo.
LAM, H. J., Bull. Jard. Bot. Btzg III, 12 (1933) 282-561.—Revision; keys.
MIQUEL, F. A. W., Ann. Mus. Bot. Lugd.-Bat. 4 (1869) 116-117.—List *Garuga*, *Canarium*.

Local

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Sumatra: RIDLEY, Kew Bull. (1925) 79.—New *Santiria*.
Borneo: MERRILL, Philip. J. Sc. 30 (1926) 81-82.—New *Canarium*.
RIDLEY, Kew Bull. (1930) 80-87.—New *Canarium* & *Santiria*.
—, *ibid.* (1931) 493.—A new *Canarium*.
Philippines: ELMER, Leaf. Philip. Bot. 3 (1911) 1077-1088.—*Canarium* of Mt Apo.
—, *ibid.* 10 (1939) 3711-3714.—Two new *Canariums*.
QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 155.—New *Canarium*.
Celebes: LAM, Blumea 3 (1938) 111-113.—New *Haplobolus*.
Moluccas: LAM, Blumea 5 (1942) 197-198.—List Talaud & Morotai *spp.*
New Guinea: HUSSON & LAM, Blumea 7 (1952) 167-170, fig. 1.—New *Dacryodes*.
LAUTERBACH, Bot. Jahrb. 56 (1920) 317-340.—Keys.
—, Nova Guinea 8 (1910) 295.—Records.
—, *ibid.* 8 (1912) 827.—*Ditto*.
—, *ibid.* 14 (1924) 135.—*Ditto*.
Solomons: WHITE, J. Arn. Arb. 31 (1950) 91-93.—New *Haplobolus*.

Melanesia: RECHINGER, in FEDDE, Rep. 11 (1912) 184.—New *Canarium*.

Genera

Canarium: KING, J. As. Soc. Bengal 62, ii (1893) 184–188, t. 10–13.—List descr. some Ind. *Canariums*.

Dacryodes: KALKMAN, *Blumea* 7 (1954) 500–522.—Revision; key.

Garuga: KALKMAN, *Blumea* 7 (1953) 459–472, fig. 1–3.—Revision; key.

—, *ibid.* 7 (1954) 498–499.—Additional note.

Haplobolus: HUSSON & LAM, *Blumea* 7 (1953) 413–458, fig. 1–15.—Revision; key.

Protium: LEENHOUTS, *Blumea* 7 (1952) 154–160, fig. 1.—Rev. *Mal. spp.*; key.

SWART, *Rec. Trav. Bot. Néerl.* 39 (1942) 211–395.—Monogr.; key.

Santiria: KALKMAN, *Blumea* 7 (1954) 522–552.—Revision; key.

Scutinanthe: LEENHOUTS, *Blumea* 7 (1952) 160–163, fig. 1.—Rev. *Mal. spp.*; key.

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BUCHENAU, F. G. PH., Beiträge zur Kenntnis der Butomaceen, Alismaceen und Juncaginaceen (*Bot. Jahrb.* 2, 1882, 465–510).—Notes and additions to MICHEL's monograph.

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Local

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Malay Peninsula: RIDLEY, *Kew Bull.* (1926) 475–476.—New *Buxus*.

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Buxus: HATUSIMA, J. Dep. Agr. Kyushu Imp. Univ. 6 (1942) 261–342.—Revision; key to Asiatic *spp.*

Sarcococca: SEALY, in *HOOK. Ic. Pl.* 35 (1947) t. 3469–3471, p. 1–10.—Descr. and discussion of several *spp.*

—, J. R. Hort. Soc. 74 (1949) 301–306.—Key to cultivated *spp.*

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BRITTON, N. L. & J. N. ROSE, Descriptions and illustrations of the Cactus family (*Carnegie Inst. Washington Publ.* 248, 1, 1919, vii + 236; 2, 1920, vii + 239; 3, 1922, vii + 255; 4, 1923, viii + 318).

VAUPEL, F., *Pflanzenfamilien* ed. 2, 21 (1925) 594–651.

Local

Java: BACKER, *Bekn. Fl. Java* (em. ed.) 4B (1944) fam. 92, p. 1–9.—In Dutch; key.

Genera

Cereus: BERGER, *Missouri Bot. Gard. Report* 16 (1905) 57–86, t. 1–12.—Key to and descr. of subgenera; specific names listed.

Opuntia: BURKILL, *Rec. Bot. Surv. Ind.* 4 (1911) 287–322.—*Opuntia* in India; key.

CAESALPINIACEAE

See Leguminosae

CALLITRICHACEAE

BACKER, C. A., *Fl. Mal.* I, 4 (1950) 251–252, fig. 1.

PAX, F. & G. F. HOFFMANN, *Pflanzenfamilien* ed. 2, 19c (1931) 236–240.

Local

New Guinea: MERRILL & PERRY, *J. Arn. Arb.* 22 (1941) 258.—New *sp.*

—, *ibid.* 29 (1948) 158.—Record of *C. verna*.

Genera

Callitriche: SAMUELSSON, *Veröff. Geob. Inst. Rüb.* 3 (1925) 603–628.—Critical study Swiss *spp.*

CAMPANULACEAE

(incl. Lobeliaceae)

(excl. Pentaphragmataceae & Sphenocleaceae)

CANDOLLE, A. DE, *Monographie des Campanulées. Paris* (1830) i–viii, 1–384, t. 1–20.—Partial keys.

PRESL, C. B., *Prodromus monographiae Lobeliacearum* (*Abh. Böhm. Ges. Wiss. n.s.* 4, 1836, 1–52).—Enum. genera and *spp.*; subdivisions of genera, hardly partial keys.

WIMMER, F., *Campanulaceae-Lobelioideae* (*Pflanzenreich* Heft 106, 1943, 206 pp.).—For Malaysia only containing *Pratia*.

—, *Vorarbeiten zur Monographie des Campanulaceae-Lobelioideae II. Trib. Lobeliaceae* (*Ann. Naturh. Mus. Wien* 56, 1948, 317–374).

Local

Sumatra: MERRILL, *Not. Nat. Acad. Nat. Sc. Philadelphia* no 47 (1940) 9.—New *Lobelia*.

Celebes: FISCHER, *Kew Bull.* (1928) 141.—New *Lobelia*.

SKOTTSBERG. See under *Lobelia*.

WIMMER, in FEDDE, Rep. 38 (1935) 78–79.—New *Lobelia*.

Philippines: ELMER, *Leaf. Philip. Bot.* 9 (1934) 3180.—New variety.

New Guinea: DIELS, *Bot. Jahrb.* 55 (1918) 121–125, fig. 1.—Records; *Phyllocharis n.g.*

—, 62 (1929) 493.—Record of *Pratia*.

GIBBS, *Contr. Fl. Phytog. Arfak Mts* (1917) 183.—New *Lobelia*.

MERRILL & PERRY, *J. Arn. Arb.* 22 (1941) 385–387.—New *sp.* in *Lobelia* & *Phyllocharis*; new records in *Lobelia*.

—, *ibid.* 30 (1949) 59–60.—New *sp.* in *Pratia* and *Lobelia*.

MOORE, *Trans. Linn. Soc. Lond. Bot.* II, 9 (1916) 88–89.—Two *n. spp.* of *Pratia*.

Genera

- Campanumaea**: CHIPP, J. Linn. Soc. Bot. 38 (1908) 391.—Generic synonyms.
 MERRILL, Pap. Mich. Acad. Sc. 20 (1934) 111 (1935).—*C. lancifolia*.
Lobelia: KURZ, Flora 30 (1872) 302.—*L. dopatrioides* from Lower Burma.
 SKOTTSBERG, Acta Hort. Gothob. 4 (1928) 1–26.—Arborescent Asiatic *spp.*
Wahlenbergia (*Campanulopsis*): BROWN, Gard. Chron. 54 (1913) 316–317.—Austral.—N. Caled. *spp.*
 LOTHIAN, Proc. Linn. Soc. N.S.W. for 1946, 71 (1947) 201–236.—Prov. rev. Old World *spp.*
 VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 463.—Reduction *Campanulopsis*.

CANNACEAE

- KRÄNZLIN, F., Pflanzenreich Heft 56 (1912) 1–77, fig. 1–16.
 WINKLER, HUB., Pflanzenfamilien ed. 2, 15a (1930) 640–654, fig. 290–295.

Genera

- Canna** (Java): BACKER, Onkruidfl. Jav. Suiker. (1928) 194–197.—Key to 3 Jav. *spp.*

CANNABINACEAE

- BACKER, C. A., Fl. Mal. I, 4 (1951) 222–223, fig. 1.
 PRAIN, D., On the morphology, teratology and diclinism of the flowers of *Cannabis* (Sc. Mem. Off. Med. & Sanit. Dep. Govt India, Calcutta n.s., no 12, 1904, 1–32, t. 1–5).—Monographical; morph.

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- MIQUEL, F. A. W., Ill. Fl. Arch. Ind. (1870) 19–36, t. 11–19.—List Mal. repres.
 PAX, F. & G. F. HOFFMANN, Pflanzenfamilien ed. 2, 17b (1936) 146–223.
 WOODSON, R. E., Gynandropsis, Cleome, and Podandrogynae (Ann. Missouri Bot. Gard. 35, 1948, 139–146, t. 8).—Relation of these genera; key to *Podandrogynae*.

Local

- Argentina**: GÓMEZ, Lilloa 26 (1953) 279–341, fig. 1–12, map 1–4, 1 pl.—Revision; keys; in Spanish.
Sumatra: JOCHEMS, Trop. Natuur 17 (1928) 80–82, fig. 1–2.—Record of *Cleome ciliata*.
Malay Peninsula: BURKILL, Gard. Bull. Str. Settl. 3 (1924) 280–281.—New record of *Cleome*.
 MERRILL, Gard. Bull. Str. Settl. 8 (1935) 132.—New record of *Cleome*.
Java: BACKER, Bekn. Fl. Java (em. ed.) 4 (1942) fam. 45, p. 1–11.—In Dutch; keys.
Borneo: HALLIER f., Bull. Herb. Boiss. 6 (1898) 216.
New Guinea: LAUTERBACH, Bot. Jahrb. 52 (1915) 108–114, fig. 1.—Rev.; keys.

Genera

- Capparis**: GAGNEPAIN, in MOROT, J. de Bot. 21 (1908) 53–65. Essay in classification; key to Asiatic *spp.*

- , Bull. Soc. Bot. Fr. 55 (1908) 209–215, 269–270, 322–325.—Descr. new *spp.* and new gen.; mainly Indo-China.
 RADLKOEFER, Sitz. Ber. K. Bayer. Akad. Wiss. Math.-Phys. Cl. 14 (1884) 101–182; *ibid.* 17 (1887) 365–422.—Critical taxon. notes; syn.; anat.; etc.; no keys.
Crataeva: CORNER, Gard. Bull. Str. Settl. 10 (1939) 15–21.—Critical notes.
 GAGNEPAIN, Not. Syst. 8 (1939) 211–213.—Indo-China. *spp.*; key.
 KURZ, J. Bot. 12 (1874) 193–196, t. 147–148.—Indian *spp.*; key.
Stixis: HALLIER f., Beih. Bot. Centralbl. 39, ii (1921) 34.—Syn. *Covillhamia*.
 PIERRE, Bull. Soc. Linn. Paris 1 (1887) 652–656.

CAPRIFOLIACEAE

- KERN, J. H. & C. G. G. J. VAN STEENIS, Fl. Mal. I, 4 (1951) 175–194, fig. 1–5.

Local

- Sumatra**: MERRILL, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 199.—New *sp.* of *Lonicera*.
 RIDLEY, J. Mal. Br. R. As. Soc. no 87 (1923) 64–65.—New *Lonicera*.
Malay Peninsula: HENDERSON, J. Fed. Mal. Stat. Mus. 11 (1924) 187–188.—New *Lonicera*.
Philippines: ELMER, Leaf. Philip. Bot. 9 (1934) 3181–3182.—New *Viburnum*.
 MERRILL, Philip. J. Sc. 26 (1925) 491–492.—New *Viburnum*.

Genera

- Carlemannia**: BREMEKAMP, Rec. Trav. Bot. Néerl. 36 (1939) 372.—Discussion taxon. position.
Lonicera: REHDER, Rep. Missouri Bot. Gard. 14 (1903) 27–232, t. 1–20.—Synopsis of genus; keys.
 VAN STEENIS, J. Arn. Arb. 27 (1946) 442.—Preliminary revision Mal. *spp.*; key.
 —, Blumea 6 (1948) 243–244.—Critical notes on distr. & synonymy of Mal. *spp.*
Sambucus: HUTCHINSON, Kew Bull. (1909) 191–193.—Notes on Indian *spp.*
 VON SCHWERIN, Mitt. Deut. Dendr. Ges. (1920) 194–231.—Revision.
Symphoricarpus: JONES, J. Arn. Arb. 21 (1940) 201–252.—Revision; key.
Viburnum: KERN, Reinwardtia 1 (1951) 107–170, 10 fig.—Revision Mal. *spp.*; keys.
 —, *ibid.* 2 (1952) 131–132, 1 fig.—Add. note on *V. clemensae*.
 REHDER, in SARGENT, Trees and Shrubs 2 (1908) 81–116, t. 138–150 (new *spp.* republ. in FEDDE, Rep. 9, 1911, 179–186).—Descr. & pl. of mostly Chin. *spp.*

CARICACEAE

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See *Fagaceae*

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(incl. *Siphonodontaceae*)

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—, Celastraceae novae, etc. (Notizbl. Berl.-Dahlem 13, 1936, 220-225).—New tribe *Lophopetalae*; key to its genera; census of *Solenospermum*; new *sp.* in *Lophopetalum* and *Solenospermum* from Borneo and New Guinea.

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t. 1.—New comb. in *Elaeodendron* and record
of an *Evonymus*.
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petalum* from Palawan.
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new var. in *Siphonodon*.
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2 new *Perrottetias*.
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335–337.—New *sp.* in *Gymnosporia*, *Kurrimia*
and *Elaeodendron*.
—, *ibid.* 22 (1941) 260–262.—New *sp.* in
Celastrus & *Perrottetia*.
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Revision; keys.

Genera

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key.
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Old World *spp.*; key.
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TON, Ic. Bog. 2 (1904) 137–138, t. 127.—Jav.
sp.; reduction *Caryospermum*.
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31–43, 8 fig.—Raises *Siphonodon* to subfamily
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Genera

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CHAILLETIACEAE

See *Dichapetalaceae*

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nieae*; incl. are e.g. revisions of *Salicornia*
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Revision; keys.
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1–22.—Revision S. Afr. *spp.*; keys; one new
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Borneo: HEINE, in FEDDE, Rep. 54 (1951) 226.—Record.

MERRILL, Philip. J. Sc. 13 (1918) Bot. 103-105.—Two new *spp.*

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EXELL, A. W., The genera of Combretaceae (J. Bot. 69, 1931, 113-128).—Key to and syn. of genera.

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LAUTERBACH, Bot. Jahrb. 50 (1913) 54–65.—Rev.; keys; some new *spp.*

Genera

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Cyanotis: LIVERA, Ceylon J. Sc. A. Bot. (Ann. Bot. Gard. Perad.) 9 (1924) 185–190.—Revision Ceylon *spp.*; key.

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—, *ibid.* ser. B 15³ (1940) 285–446, t. 1–11.—

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 —, *ibid.* ser. B 16 (1942) 155–292, t. 1–8.—*Tribes Senecioneae, Heliantheae* and *Ambrosieae*.
Formosa: KITAMURA, *Acta Phytotax. & Geobot.* 10 (1941) 15–37.—Revision; no descr.; keys.
Sumatra: BOERLAGE, in VETH, *Midden-Sumatra* 4² (1884) 20–21.—New *Senecio*.
 KOSTER, *Blumea* 7 (1953) 362.—Reduction of *Erechthites petiolata* BTH.
 MERRILL, *Pap. Mich. Acad. Sc. Arts & Lett.* 24 (1939) 90–92.—List; new *Ainsliaea*.
 RIDLEY, *J. Mal. Br. R. As. Soc.* no 87 (1923) 72–74.—List; new sp. in *Blumea* & *Gynura*.
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 —, *ibid.* 60 (1936) 35.—*Acanthospermum*.
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 —, *ibid.* 67 (1937) 248–268.—Many new *spp.*; revisions *Keysseria* and *Olearia* in Papua.
 —, *ibid.* 69 (1938) 283–294.—New records & *spp.*; *Arrhenechthites* n.g.
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 MOORE, in GIBBS, *Contr. Fl. Phytog. Arfak Mts* (1917) 183–184.—List; new *Lactuca*.
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—, Univ. Calif. Publ. Bot. 21 (1947) xii + 197.—Distr.; cytol.
—, *ibid.* 22 (1947) 199-1030, fig. 1-304, t. 1-36.—Monogr.; keys.
- Elephantopus**: BAKER, Trans. Acad. Sc. St Louis 12 (1902) 43-56.—Key to allied gen. & *ssp.*
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- Emilia**: GARABEDIAN, Kew Bull. (1924) 137-144.—With key.
- Eschenbachia** (*Conyza*): KOSTER, Blumea 7 (1952) 290.—Recomb. Mal. *spp.*
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- Helianthus**: WATSON, Pap. Mich. Acad. Sc. Arts & Lett. 9 (1928) 305-475 (1929).—Contr. to monograph.
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- DALLIMORE, W. & A. B. JACKSON, A handbook of Coniferae, etc. (1923) i-xi, 1-570, t. 1-32, fig. 1-120.—Keys to genera and sometimes to *spp.*; of little importance for Malaysia.
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 —, *ibid.* 7 (1952) 171-178.—New *Argyreias*.
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 MAXIMOWICZ, K. J., De Coriaria, etc. (Mém. Acad. Imp. Sc. St Pétersb. VII, 29, no 3, 1881,

1-13).—Survey of *spp.* and morph. & anat. differences of *spp.* of N. and S. hemisphere; key (copied in Bot. Jahrb. 3, 1882, 186-187).

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(excl. *Alangiaceae* & *Nyssaceae*)

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HUTCHINSON, J., Neglected generic characters in the family Cornaceae (Ann. Bot. n.s. 6, 1942, 83-93, fig. 1-5).—Splitting of the genus *Cornus*.

WANGERIN, Pflanzenreich Heft 41⁴ (1910) 1-110, fig. 1-24.

Local

Banka: VALETON, Ic. Bog. 2 (1906) 267-268, t. 179.—New *sp.*

Java: MIQUEL, Pl. Junghuhn. (1855) 426.—New *Mastixia*.

Philippines: MERRILL, Philip. J. Sc. 26 (1925) 486-487.—New *Mastixia*.

WANGERIN, in FEDDE, Rep. 10 (1912) 273.—New *Mastixia*.

Solomons: MERRILL & PERRY, J. Arn. Arb. 21 (1940) 527.—Record.

Genera

Alangium. See *Alangiaceae*.

Mastixiodendron. See *Rubiaceae*.

Nyssa. See *Nyssaceae*.

CORSIACEAE

Local

New Guinea: BECCARI, Malesia 1 (1878) 238-240, t. 9.—Type descr.

GIBBS, Contr. Fl. Phytogr. Arfak Mts (1917) 103-105, fig. 7.—Record & new *sp.*

SCHLECHTER, Bot. Jahrb. 49 (1913) 109-112, fig. 1.—Descr. 2 new *spp.*

SMITH, J. J., Nova Guinea 8 (1909) 197.

—, *ibid.* 8 (1912) 893.

—, *ibid.* 12 (1914) 171-172, t. 54.—New *sp.*

WILLIAMS, Bot. Mus. Leaf. Harv. Univ. 12 (1946) 179-182.—New *sp.*

CORYNOCARPACEAE

HEMSLEY, W. BOTTING & FRITSCH, On the genus *Corynocarpus* Forst. (Ann. Bot. 17, 1903, 743-760, t. 36; *ibid.* 18, 1904, 179-180).—Anat.; descr. gen. and 2 *spp.*

KRAUSE, K., Pflanzenfamilien ed. 2, 20b (1942) 22-35.

STEENIS, C. G. G. J. VAN, Fl. Mal. I, 4 (1951) 262-264, fig. 1-2.

TIEGHEM, PH. VAN, Sur le genre *Corynocarpe*, considéré comme type d'une famille distincte,

les *Corynocarpacées* (in MOROT, J. de Bot. 14, 1900, 193-197).—Anat.; morph.; taxon. position.

Local

New Guinea: MERRILL & PERRY, J. Arn. Arb. 22 (1941) 541-542.—Record.

VAN STEENIS, J. Arn. Arb. 28 (1947) 421.—Record.

Queensland: WHITE, Contr. Arn. Arb. 4 (1933) 57, t. 5.—Descr. new *sp.*

Genera

Corynocarpus: VAN STEENIS, Bull. Jard. Bot. Btzg III, 13 (1933) 99-101, fig. 1.—Rev. Mal. *sp.*

CRASSULACEAE

BACKER, C. A., Fl. Mal. I, 4 (1951) 197-202, 2 fig.

BERGER, A., Pflanzenfamilien ed. 2, 18a (1930) 352-483, fig. 183-212.

CANDOLLE, A. P. DE, Mémoire sur la famille des Crassulacées. Paris (1828) 1-47, t. 1-13.—Discussion of genera & descr. new *spp.*; no key; not dealing with Mal. *spp.*

Local

Java: KOORDERS, Bull. Jard. Bot. Btzg III, 1 (1919) 169-180, t. 14-15.—Descr. new *Kalanchoe* from E. Java.

Genera

Kalanchoe: HAMET, Bull. Herb. Boiss. II, 7 (1907) 869-900; *ibid.* 8 (1908) 17-48.—Monograph.

Sedum: FRÖDERSTRÖM, Act. Hort. Gothob. 5 (1930) App. 1-75; *ibid.* 6 (1931) App. 1-111.

PRAEGER, J. R. Hort. Soc. Lond. 46 (1921) 1-314.—Only cult. *spp.*

CRUCIFERAE

MIQUEL, F. A. W., Ill. Fl. Arch. Ind. (1870) 14-19, t. 9-10.—Synopsis; no keys.

SCHULZ, O. E., Brassiceae, pars prima (Pflanzenreich Heft 70, 1919, 1-290, fig. 1-35).—*Brassica*, *Rapistrum*, *Sinapis*.

—, *ditto*, pars secunda (*ibid.* Heft 84, 1923, 1-100, fig. 1-26).

—, *Sisymbrieae* (*ibid.* Heft 86, 1924, 1-388, fig. 1-74).—*Sisymbrium*.

—, *Draba* et *Erophila* (*ibid.* Heft 89, 1927, 396, fig. 1-35).

—, Pflanzenfamilien ed. 2, 17b (1936) 227-658, fig. 121-426.

Local

Malay Peninsula: BURKILL, Gard. Bull. Str. Settl. 5 (1930) 99-117.—Key to cultivated *Brassicac.*

FURTADO & HOLTUM, M. A. H. A. Mag. 10 (1940) 47-51.—Cult. *Brassicac.*; with key to Chin. vernac. names.

Java: HOCHREUTNER, Candollea 2 (1925) 367-372.—Records; *Nasturtium* under *Rorippa*.

New Guinea: MERRILL & PERRY, J. Arn. Arb. 24 (1943) 207.—Records, also of *Papuzilla*.

RIDLEY, Trans. Linn. Soc. Bot. II, 9 (1916) 16-17, t. 1, fig. 7-14.—Descr. *Papuzilla*.
SCHULZ, Bot. Jahrb. 55 (1918) 266-272, fig. 1.—Key.

Genera

Brassica: BAILEY, Gentes Herb. 1 (1922) 53-108, fig. 18-49; *ibid.* 2 (1930) 209-267, fig. 108-146; *ibid.* 4 (1940) 319-330, fig. 199-210.—Cult. *spp.*; keys.
LATHOUWERS, Bull. Inst. Agron. & Sta. Rech. Gembloux 2 (1933) 3-16.—Cult. *spp.*
PEARSON, Proc. Amer. Soc. Hort. Sc. 25 (1928) 105-110.—Classification of genus.
PRAIN, Dept Land Rec. & Agric. Bengal, Agric. ser. no 3, Bull. no 4 (1898); repr. in PRAIN, Bot. Not. & Pap. (1901) 145-222, t. 1-10.—Key, descr. & fig. cult. Bengal *spp.*
SABNIS, Ind. J. Agric. Sc. 5 (1935) 559-578.—Revision Indian *spp.*, var. & strains (types); key.
Cardamine: SCHULZ, Bot. Jahrb. 32 (1903) 280-623.—Monograph; keys.
Nasturtium: SPRAGUE, J. Bot. 62 (1924) 225-228.—Nomencl. of *N. officinale*.

CRYPTERONACEAE

NIEDENZU, F., Zur Kenntnis der Gattung *Crypteronia* Bl. (Bot. Jahrb. 15, 1892, 161-179, 1 fig.).—Taxon. position; revision; key.

Local

New Guinea: MERRILL & PERRY, J. Arn. Arb. 22 (1941) 270.—Record.

CUCURBITACEAE

COGNIAUX, A., in DC. Mon. Phan. 3 (1881) 325-954.
—, Feuilleae et Melothrieae (Pflanzenreich Heft 66, 1916, 1-277, fig. 1-65).—*Alsomitra* (= *Neoalsomitra*), *Cerasiocarpum*, *Hemsleya*, *Macrozania* (= *Alsomitra*), *Melothria*, *Muellerargia*, *Thladiantha*, *Zanonia*.
— & H. HARMS, Cucurbiteae-Cucumerineae (Pflanzenreich Heft 88, 1924, 1-246, fig. 1-26).—*Citrullus*, *Cucumis*, *Gymnopetalum*, *Lagenaria*, *Luffa*.
ZIMMERMANN, A., Die Cucurbitaceae. Jena (1922). Pt I. Beiträge zur Anatomie und Physiologie, i-viii, 1-205, fig. 1-95; pt II. Beiträge zur Morphologie, Anatomie, Biologie, Pathologie und Systematik, i-iv, 1-86, fig. 1-99.—General chapters; taxon. consisting of descr. of some new *spp.* from Africa.

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India: CHAKRAVARTY, Ind. J. Agric. Sc. 16 (1946) 1-89.—Studies Ind. *spp.*; special remarks on distr. & uses of economic *spp.*
Sumatra: MERRILL, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 199-201.—New *Melothria*; *Siraitia n.g.*
—, Contr. Arn. Arb. 8 (1934) 165.—2 records.
RIDLEY, J. Mal. Br. R. As. Soc. no 87 (1923) 62.—Records.

Borneo: MERRILL, J. Mal. Br. R. As. Soc. 1 (1923) 44-45.—New *Melothria* and *Momordica*.
Lesser Sunda Islands: JACOBS, Blumea 7 (1954) 617.—Distr. *Gynostemma hederifolia*.
VAN WOERDEN, Trop. Natuur 29 (1940) 6, fig. 7.—Fig. of 2 podagric *spp.*
Philippines: ELMER, Leaf. Philip. Bot. 10 (1939) 3722-3723.—New *Alsomitra*.
MERRILL, Philip. J. Sc. 29 (1926) 495.—New *Melothria*.
—, *ibid.* 30 (1926) 429.—Record *Zanonia (Jupia)*.
New Guinea: COGNIAUX, Bull. Acad. Roy. Belg. III, 14 (1887) 355, 363.—New *Melothria* and *Alsomitra*.
HARMS, Bot. Jahrb. 60 (1926) 150-161.—Synopsis; keys in *Alsomitra* and *Trichosanthes*.
JACOBS, Blumea 7 (1954) 617-621, fig. 1-2.—New *Melothria*.
MERRILL & PERRY, J. Arn. Arb. 29 (1948) 167-168.—3 new *Melothrias*; note on a *Gynostemma*.
—, *ibid.* 30 (1949) 56-59.—Notes on *Neoalsomitra*; 3 new *Melothrias*; 2 new *Trichosanthes*.
PULLE, Nova Guinea 8 (1910) 405-406.—List; new *Trichosanthes*.
—, *ibid.* (1912) 689.—Records.

Genera

Alsomitra (*Macrozania*): COGNIAUX, Bull. Soc. Bot. Belg. 43 (1906) 357-360.—Descr.; tax. position.
DE WIT, Bull. Bot. Gard. Btzg III, 18 (1949) 193-200.—Revision.
Citrullus: FOSBERG, Taxon 2 (1953) 99-101.—Prop. to conserve *Citrullus*.
Cucumis: KITAMURA, Act. Phytotax. & Geobot. 14 (1950) 41-44, 2 fig.—East Asiat. *spp.*; *C. melo* and *C. sativus* with varieties.
NAUDIN, Ann. Sc. Nat. IV, 11 (1859) 1-87.—Revision of *spp.* and var.; no key.
Cucurbita: BAILEY, Gent. Herb. 2 (1929) 63-115, fig. 29-64.—Domesticated *spp.*; key.
—, *ibid.* 6 (1943) 267-322.—American *spp.*
NAUDIN, Ann. Sc. Nat. IV, 6 (1856) 1-73.—Revision; no key.
RUSSELL, J. Wash. Acad. Sc. 14 (1924) 265.—Ident. of seeds.
WHITAKER, Ann. Missouri Bot. Gard. 34 (1947) 101-111, t. 11-12.—Amer. origin of cultiv. *spp.*
WHITAKER & BOHN, Econ. Bot. 4 (1950) 52-81.—Taxonomy, genetics, etc.; key to 5 *spp.* distinguished.
Hodgsonia: KUNDU, J. Bot. 76 (1938) 364-366.—Revision; key.
—, J. Bomb. Nat. Hist. Soc. 43 (1942) 362-388.—Indian *spp.*
Luffa: EXELL, J. Bot. 71 (1934) 352.—Synon. of *L. aegyptica*.
Neoalsomitra (*Alsomitra auct.*): HUTCHINSON, Ann Bot. n.s. 6 (1942) 95-102.—Monogr.; key.
JACOBS, Blumea 7 (1954) 621-622, fig. 3.—Distr. *N. integrifoliola*.
Thladiantha: GAGNEPAIN, Bull. Mus. Hist. Nat.

Paris 24 (1918) 287-296.—Revision *Asiat. spp.* in Paris herb.

Trichosanthes: KUNDU, J. Bot. 77 (1939) 9-14.—New *spp.* from India.

—, J. Bomb. Nat. Hist. Soc. 43 (1942) 362-388.—Revision Indian *spp.*

Zanonia (Jupia): HARMS, Notizbl. Berl.-Dahlem 8 (1924) 717-719.—Reduction.

MERRILL, Philip. J. Sc. 30 (1926) 429.—Record from Philippines.

CUNONIACEAE

ENGLER, A., Pflanzenfamilien ed. 2, 18a (1930) 229-262.

STEENIS, C. G. G. J. VAN, Bull. Jard. Bot. Btzg III, 13 (1934) 196.—List *spp.* of Mal. mountain genera.

Local

Borneo: AIRY SHAW, Kew Bull. (1940) 259-261.—New *Weinmannia*.

VAN STEENIS, J. Bot. 70 (1934) 3-5.—New *Weinmannia*.

Moluccas: VALETON, Ic. Bog. 3 (1907) 69-70, t. 228.—New *Schizomeria* from Ambon.

New Guinea: GIBBS, Contr. Fl. Phytog. Arfak Mts (1917) 141-143.—New *spp.* of *Pullea* and *Spiraeanthemum*.

KANEHIRA & HATUSIMA, Bot. Mag. Tokyo 56 (1942) 105-109.—New *spp.* in *Aistopetalum*, *Betchea*, and *Opocunonia*.

MATTFELD, J. Arn. Arb. 20 (1939) 432-436.—New *spp.* in *Ceratopetalum* (1) and *Schizomeria* (4).

PERRY, J. Arn. Arb. 30 (1949) 139-165.—Keys to *spp.* represented at the Arn. Arb., *Weinmannia* excepted; various new *spp.*

PULLE, Nova Guinea 8 (1911) 645-646.—New *Ackama* and *Spiraeanthemum*.

RIDLEY, Trans. Linn. Soc. Bot. II, 9 (1916) 56-63, t. 4, fig. 55.

SCHLECHTER, Nova Guinea 12 (1914) 491-493.—New *spp.* in *Spiraeanthemum*, *Pullea*, and *Weinmannia*.

—, Bot. Jahrb. 52 (1915) 139-166, fig. 1-9.—Synopsis; keys to *spp.*; various new genera.

—, *ibid.* 55 (1918) 194.—Reduction *Cremnobates* to *Schizomeria*.

SCHMIDT, Nova Guinea 14 (1924) 150.—New *Schizomeria*.

Solomons: BURTT, Kew Bull. (1936) 462.—Record of *Spiraeopsis celebica*.

Fiji-Samoa: SMITH, A. C., J. Arn. Arb. 33 (1952) 119-149.—Revision; keys. First record of *Pullea*.

Genera

Ackama: WHITE & FRANCIS, Proc. R. Soc. Queensl. 47 (1936) 59.—Discussions generic delimit. with *Betchea* in Australia.

CUPRESSACEAE

See *Coniferae*

CUPULIFERAE

See *Fagaceae*

CYANASTRACEAE

CLAUSEN, R. T., A review of the Cyanastraceae (Gent. Herb. 4, 1940, 293-304).—Revision *Cyanastrum*; key.

ENGLER, A., Pflanzenfamilien ed. 2, 15a (1930) 188-190, fig. 72.

Local

Java: BACKER, Handb. Fl. Java 3 (1924) 42-43.—Only cult. *spp.*

CYCADACEAE

BLUME, C. L., Rumphia 4 (1848) 11-18, t. 176B-C. MIQUEL, F. A. W., Monographia Cycadearum. Utrecht, folio (1842) 1-82, t. 1-8.—Monograph; keys.

—, Prodromus systematis Cycadearum (1861) 1-36.—Survey; partial keys.

—, Nouveaux matériaux pour servir à la connaissance des Cycadées (*Adansonia* 9, 1868, 29-73).—Revision.

PILGER, R., Pflanzenfamilien ed. 2, 13 (1926) 44-82, fig. 48-82.

SCHUSTER, J., Pflanzenreich Heft 99 (1932) 1-168.

Local

Malay Peninsula: RIDLEY, J. Str. Br. R. As. Soc. no 60 (1911) 67-68.—Enum.

Java: BACKER, Handb. Fl. Java 1 (1924) 25-27.—In Dutch; key.

Philippines: BROWN & KIENHOLZ, Philip. J. Sc. 26 (1925) 47-50, t. 1-2.—New *sp.* from Luzon hills.

FOXWORTHY, Philip. J. Sc. 6 (1911) Bot. 150-152, t. 26-27.—Revision; key.

MERRILL, Philip. J. Sc. 60 (1936) 233-241, t. 1-4.—New *sp.* from Culion.

New Guinea: BECCARI, Malesia 1 (1877) 183.—Record.

KANEHIRA & HATUSIMA, Bot. Mag. Tokyo 55 (1941) 385.—Record.

PULLE, Nova Guinea 8 (1910) 343.—*Ditto*.

Micronesia: KANEHIRA, J. Jap. Bot. 14 (1938) 579-588, fig. 1-7.—Rev.; no key.

Genera

Cycas: STAFF, Kew Bull. (1916) 1-8.—Distinction between *C. circinalis*, *thouarsii* and *rumphii* tabulated.

TANDY, J. Bot. 65 (1927) 281.—Interpr. of *Cycas inermis* LOUR.

WARBURG, O., Monsunia 1 (1900) 178-181.—Revision; key.

CYCLANTHACEAE

GLEASON, H. A., New or noteworthy Monocotyledons from British Guiana (Bull. Torr. Bot. Club 56, 1929, 1-8).—Revision of *Carludovica*.

HARLING, G., Studien über den Blütenbau und die Embryologie der Familie Cyclanthaceae (Svensk Bot. Tidskr. 40, 1946, 257-272, fig. 1-4).

—, Contribution to the knowledge of the Cyclanthaceae in Ecuador (Acta Hort. Berg. 15, 9, 1950, 185-206).

- KUNTZE, O., *Cyclanthaceae* (Rev. Gen. Pl. 1891, 737-738).—Revision of *Carludovica*; key.
 SURANGE, K. R., A contribution to the morphology & anatomy of the *Cyclanthaceae* (Trans. Nat. Inst. Sc. India III, 4, 1949, 159-209).

CYPERACEAE

- BOECKLER, O., Die Cyperaceen des Königlichen Herbariums zu Berlin (Linnaea 35, 1868, 397-612; *ibid.* 36, 1870, 271-512, 691-768; *ibid.* 37, 1871, 1-144, 1873, 520-647; *ibid.* 38, 1874, 223-544; *ibid.* 39, 1875, 1-152; *ibid.* 40, 1876, 327-452; *ibid.* 41, 1877, 145-356).—Also as a reprint in 2 vols. Berlin (1879).
 —, Bot. Jahrb. 5 (1884) 497-521.—New *Cyp.*, some Mal.
 CLARKE, C. B., Reductions of the Wallich Herbarium (Kew Bull. 1907, 264-281).—Modern names of the *Cyperaceae* in the Wallichian numerical list.
 —, New genera and species of *Cyperaceae* (Kew Bull. add. ser. 8, 1908, 1-196).—Extract from MS. monogr.; new genera; many new *spp.*; partial keys.
 —, Illustrations of *Cyperaceae* (1909) i-vi, 1-6, t. 1-144.
 HOLTUM, R. E., The spikelet in *Cyperaceae* (Bot. Rev. 14, 1948, 525-541).—Discussion morph. value.
 KÜKENTHAL, G., Caricoideae (Pflanzenreich Heft 38, 1909, 1-824, fig. 1-128).—*Carex*, *Schoenoxiphium*, *Ucinia*.
 —, Scirpoideae-Cypereae (Pflanzenreich Heft 101, 1935-1936, 1-671, fig. 1-65).—*Cyperus*.
 —, Vorarbeiten zu einer Monographie der Rhynchosporoideae (in FEDDE, Rep. 44, 1938, 1-32, 65-101, 161-195; *ibid.* 46, 1939, 13-32, 65-76; *ibid.* 47, 1939, 101-119, 209-216; *ibid.* 48, 1940, 49-72, 195-250; *ibid.* 50, 1941, 19-50, 112-128; *ibid.* 51, 1942, 1-17, 139-193; *ibid.* 52, 1943, 52-111; *ibid.* 53, 1944, 85-100, 187-219).—Monograph; keys; extracted for genera in Malaysia.
 —, *ditto* (Bot. Jahrb. 74, 1949, 375-509; *ibid.* 75, 1950, 90-195; *ibid.* 75, 1951, 273-314; *ibid.* 75, 1952, 451-497).—*Ditto*.
 —, Neue Cyperaceen aus dem Malayischen und Papuanischen Gebiet (Bull. Jard. Bot. Btzig III, 16, 1940, 300-323).—Also printed in FEDDE, Rep. 53 (1944) 100-111.—Various important critical notes, records and new *spp.*
 —, Neue oder nicht genügend bekannte Cyperaceen (Mitt. Thür. Bot. Ver., N. F., Heft 50, 1943, repr. 1-13).—Misc. notes on *Cyperus*, *Fimbristylis*, and *Scirpus*, mostly Papuan; some from the Philippines and Java; some new *spp.*
 KUNTH, C. S., Enumeratio plantarum II. Cyperaceae. Stuttgart (1837) 1-592.—Critical enumeration; partial keys.
 KURZ, S., Über Pandanophyllum und verwandte Gattungen, insbesondere solche, welche im Indischen Archipel vorkommen (J. As. Soc. Beng. 38, ii, 1869, 70-85).—Prelim. revision of *Mapaniae*; partial key to genera.

MIQUEL, F. A. W., Sur quelques genres des Cypéracées de la tribu des Hypolytrées (Ill. Fl. Arch. Ind. 1870, 57-66, t. 20-28).—Descr.

NELMES, E., Facts and speculations on phylogeny in the tribe Cariceae of the *Cyperaceae* (Kew Bull. 1951³, 427-436, 1952).—Phylog. considerations.

PFEIFFER, H., Vorarbeiten zur systematischen Monographie der *Cyperaceae*-*Mapanieae* (in MEZ, Bot. Arch. 12, 1925, 446-472).—Survey of genera & *spp.* and their synonymy; key to genera.
 STEUDEL, E. G., Synopsis plantarum Glumacearum pars II. *Cyperaceae*. Stuttgart (1855) 1-246, 314-319.—Enum. descr. in Latin; contains also *spp.* based on specimens of CUMING, ZOLLINGER, etc.

UITTEN, H., Studies in *Cyperaceae*-*Mapanieae* I-VIII (Rec. Trav. Bot. Néerl. 33, 1936, 133-155, 277-291, fig. 1-3).—Precursory to revision of Mal. *spp.*

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NEES VON ESENBECK, in WIGHT, Contr. Bot. India (1834) 69-129.—Revision; partial keys.

SEDGWICK, J. Bombay Nat. Hist. Soc. 25 (1918) 682-700; *ibid.* 26 (1918) 192-209.—Revision and keys to *Cyp.* of Bombay Presid.

Sumatra: BACKER, Bull. Jard. Bot. Btzig III, 2 (1920) 328.—New *Mapania*.

KÜKENTHAL, Bull. Jard. Bot. Btzig III, 16 (1940) 300-323.—Many new records.

NELMES, Kew Bull. (1952) 83-84.—New *Carex*.

RIDLEY, J. Bot. 23 (1885) 35-36.—New *Carex*.
 —, J. Mal. Br. R. As. Soc. no 87 (1923) 107-108.—List.

Malay Peninsula: CLARKE, J. Linn. Soc. Lond. Bot. 37 (1904) 1-16.—*Carices* listed.

HOLTUM, Gard. Bull. Str. Settl. 11 (1947) 293-296, fig. 6.—New comb. and *spp.* in *Mapania*, *Scleria*, and *Diplacrum*.

NELMES, Kew Bull. (1937) 353-355, 1 fig.—New *Carex*.

—, *ibid.* (1950) 209.—*Ditto*.

RIDLEY, J. Str. Br. R. As. Soc. no 23 (1891) 1-19.—Listed records; no new *spp.*; no key.

—, Mat. Fl. Mal. Pen. (Monocot.) 3 (1907) 55-118.—Keys.

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VAN STEENIS, Bull. Bot. Gard. Btzig III, 17 (1948) 399.—Record of *Scleria oryzoides*.

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—, *ibid.* 16 (1940) 300-323.—Various records.

MERRILL, Philip. J. Sc. 11 (1916) Bot. 53-54.—2 new *Mapanias*.

—, J. Str. Br. R. As. Soc. no 76 (1917) 78-80.—New *Mapania*; further listed records.

—, *ibid.* no 85 (1922) 156-159.—4 new *Mapanias*.

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- RIDLEY, J. Str. Br. R. As. Soc. no 46 (1906) 221-228.—Enum.; new *spp.* in the *Mapanieae*.
- STAPP, Trans. Linn. Soc. Bot. II, 4 (1894) 244-246.—Kinabalu records; new *spp.* in *Scirpus* and *Cladium*.
- & TURRILL, J. Linn. Soc. Lond. Bot. 42 (1914) 173-185, fig. 7.—List of Kinabalu records; new *spp.* in *Scirpus*, *Schoenus*, *Vincentia*, and *Carex*; *Lophoschoenus n.g.*
- UITTEN, Rec. Trav. Bot. Néerl. 32 (1935) 193-202.—List RICHARDS's coll.
- Celebes:** KÜKENTHAL, Bull. Jard. Bot. Btzg III, 16 (1940) 300-323.—Various records.
- Philippines:** CLARKE, Philip. J. Sc. 2 (1907) Bot. 77-110.—List of *spp.* represented at Kew.
- ELMER, Leaf. Philip. Bot. 3 (1910) 853-855.—New *spp.* in *Carex*, *Cladium* and *Fimbristylis*.
- , *ibid.* 10 (1938) 3525-3542.—List of Irosin Valley *spp.*; new *spp.* in *Mapania*, *Carex*, and *Scleria*; no keys.
- GANDOGHER, Bull. Soc. Bot. Fr. 66 (1919) 296.—New *Fuirena* and *Fimbristylis* from Philippines and Java.
- KÜKENTHAL, in ELMER, Leaf. Philip. Bot. 4 (1911) 1169-1170.—New *Carex*.
- , Philip. J. Sc. 6 (1911) Bot. 57-64.—Conspicuous of *Caricoideae*; keys.
- MERRILL, Philip. J. Sc. 7 (1912) Bot. 231.—New *Fimbristylis*.
- , *ibid.* 35 (1928) 4-6.—Nomencl. notes.
- , *ibid.* 60 (1936) 27-28.—Identif. of an erroneously localized Amer. *Scleria*.
- PALLA, Allg. Bot. Zeitschr. 13 (1907) 49-50.—New *Scleria*.
- STAPP, Philip. J. Sc. 19 (1921) 65-66.—Descr. new *Vincentia*.
- Moluccas:** MERRILL, Philip. J. Sc. 11 (1916) Bot. 256-259.—Ambon records; new *Vincentia*.
- New Guinea:** BLAKE, J. Arn. Arb. 28 (1947) 99-116, fig. 1-4; 207-229, fig. 1, t. 1-2; *ibid.* 29 (1948) 90-102, fig. 1; *ibid.* 35 (1954) 203-238, fig. 1-2, t. 1.—Listed records coll. BRASS; new *spp.* & comb. in *Carex*, *Mapania*, *Paramapania*, *Cyperus*, *Schoenus*, *Fimbristylis*; key to Papuan *Scleris*!
- KÜKENTHAL, Bot. Jahrb. 59 (1924) 41-60.—Listed records; new *spp.* in *Fimbristylis*, *Mapania*, *Thoracostachyum*.
- , *ibid.* 69 (1938) 255-265.—List; new *spp.* in *Cyperus* and *Carex*.
- , *ibid.* 70 (1940) 463-468.—List CLEMENS coll., 3 new *Carices*.
- , Bull. Jard. Bot. Btzg III, 16 (1940) 300-323.—Various records and new *spp.*
- , Mitt. Thür. Bot. Ver., N. F., Heft 50 (1943) repr. 1-13.—Various critical notes on *Cyperus*, 2 new *Fimbristylis* and a new *Scirpus*.
- NELMES, Kew Bull. (1949) 378-386.—BRASS coll.; no key.
- , *ibid.* (1949) 387-392.—CLEMENS coll.; no key.
- OHWI, Bot. Mag. Tokyo 56 (1942) 199-215.—Listed KANEHIRA-HATUSIMA records; new *spp.* in *Carex*, *Mapania*, *Thoracostachyum*, *Cladium*, *Schoenus*, *Scirpus*, and *Fimbristylis*.
- RIDLEY, Trans. Linn. Soc. Lond. Bot. II, 9 (1916) 241-247.—Listed records; new *spp.* in *Cyperus*, *Lipocarpha*, *Cladium*, *Hypolytrum*, *Thoracostachyum*, *Mapania*, and *Carex*.
- UITTEN, J. Arn. Arb. 20 (1939) 213-215.—List BRASS coll.; only *Mapanieae*.
- VALCKENIER SURINGAR, Nova Guinea 8 (1912) 695-713, t. 113-118.—List; many new *spp.*
- Micronesia:** KÜKENTHAL, Bot. Jahrb. 59 (1924) 2-10.—List of 48 *spp.*
- Australia:** BLAKE, Notes on Australian Cyperaceae I (Proc. R. Soc. Queensl. 48, 1937, 89-94, t. 2-3); *ditto* II (*ibid.* 49, 1938, 154-155); *ditto* III (*ibid.* 51, 1940, 32-50); *ditto* IV (*ibid.* 177-182); *ditto* V (*ibid.* 52, 1941, 55-61); *ditto* VI (*ibid.* 54, 1943, 69-74); *ditto* VII (*ibid.* 58, 1947, 35-50); *ditto* VIII (*ibid.* 60, 1949, 45-53).—Include occasionally Mal. *spp.*
- , Transact. R. Soc. South Australia 67 (1943) 52-61.—Critical notes on S. Austr. *spp.*; key to the *Cladium-Mariscus*-alliance.

Genera

- Arthrostylis:** KÜKENTHAL, in FEDDE, Rep. 53 (1944) 192-200.—Revision.
- Capitularia:** RIDLEY, Trans. Linn. Soc. Lond. Bot. II, 9 (1916) 244-245.—Reduces *Capitularia* to *Chorisandra*!
- UITTEN, Rec. Trav. Bot. Néerl. 33 (1936) 289-291.—New Solomon Isl. *sp.*
- VALCKENIER SURINGAR, Nova Guinea 8 (1912) 711, t. 118.—Type descr.
- Carex:** BOOTT, Illustrations of the genus *Carex*. London 4 parts. I (1858) 1-74, t. 1-200; II (1860) 75-103, t. 201-310; III (1862) 105-126, t. 311-411; IV (1867) 127-233, t. 412-600.—Monogr. descr. and plates.
- KÜKENTHAL, Pflanzenreich Heft 38 (1909) 67-824, fig. 1-128.
- NELMES, Kew Bull. (1938) 106-110.—Critical notes on some *spp.* with key.
- , Proc. Linn. Soc. Lond. sess. 155 (1944) 277-285.—Rev. Austral. *spp.*; key.
- , Kew Bull. (1946) 5-29.—Key to Mal. & Polyn. *spp.*
- , *ibid.* (1950) 198-208.—Descr. new or noteworthy *spp.*
- , *ibid.* (1951) 121.—Descr. 3 new sect.
- , Reinwardtia 1 (1951) 221-450.—Complete revision; keys.
- , *ibid.* 2 (1954) 373-383.—Addit. notes listed.
- Carpha:** KÜKENTHAL, in FEDDE, Rep. 47 (1939) 101-119, 209-211.—Revision.
- Cladium:** KÜKENTHAL, in FEDDE, Rep. 51 (1942) 1-17, 139-193.—Revision; key.
- VAN STEENIS, Arch. Hydrobiol. Suppl. 3 (1932) 281-282, fig. 3.—Records of 2 *spp.*
- Costularia (Lophoschoenus):** KÜKENTHAL, in FEDDE, Rep. 46 (1939) 13-32, 65-76.—Revision; key.
- Cyperus (Kyllinga, Juncellus, Pycneus, Mariscus):** BLAKE, Univ. Queensl. Pap. Dep. Biol. 2, no 2 (1942) 1-14, t. 1-8.—*C. rotundus* & allied *spp.* in Australia; synon.; key.

- CLARKE, J. Linn. Soc. Lond. Bot. 21 (1884) i-xi, 1-202, t. 1-4.—Revision Indian *spp.*; partial keys.
- KERN, Reinwardtia 1 (1952) 463-466, fig. 1.—*C. alulatus n. sp.*, hitherto often confused with *C. iria*; India.
- , *ibid.* 2 (1952) 97-130, fig. 1-14.—Critical notes; some new *spp.*; precursory to revision.
- , *ibid.* 3 (1954) 27-66, fig. 1-12.—*Ditto*, 2nd part.
- KÜKENTHAL, Pflanzenreich Heft 101 (1936) 1-671.—Monograph; keys.
- , Mitt. Thür. Bot. Ver., N. F., Heft 50 (1943) repr. 1-8.—Critical addit. notes; new key for § *Graciles*.
- VALCKENIER SURINGAR, Het geslacht *Cyperus* (sensu amplo) in den Maleischen Archipel benevens een overzicht van de geschiedenis der systematiek van de familie der Cyperaceën. Thesis, Leeuwarden (1898) i-xv, 1-192, t. 1-6.—Revision Indon. *spp.*; no keys; in Dutch; descr. in Latin.
- Eleocharis: BLAKE, Proc. R. Soc. Queensl. 50 (1939) 88-132, t. 7-10.—Monograph of Austr. & N. Zeal. *spp.*; key.
- NELMES, Kew Bull. (1952) 289-290.—Submerged Afr. 1-flowered *spp.*
- SVENSON, Rhodora 31 (1929) 121-135, 152-163, 167-191, 199-219, 224-242; *ibid.* 34 (1932) 193-203, 215-227; *ibid.* 36 (1934) 377-389; *ibid.* 39 (1937) 210-231, 236-272; *ibid.* 41 (1939) 1-19, 43-77, 90-110.—Monographic studies, with plates and text maps.
- Fimbristylis (*Abildgaardia*): BLAKE, Univ. Queensl. Pap. Dept of Biol. 1, no 13 (1940) 1-14.—New Queensl. *spp.*
- BOECKELER, Linnaea 37 (1871) 2-56.—Revision Berlin specim.; partial keys.
- Fuirena: BUSH, Rep. Missouri Bot. Gard. 16 (1905) 87-99.—North Amer. *spp.*; key.
- Gahnia: BENL, Flora 131 (1937) 369-386, fig. 1-11.—Dispersal mechanisms.
- , in FEDDE, Rep. 44 (1938) 196-199.—New *spp.*
- , *ibid.* 49 (1940) 30-34.—Nomenclator.
- , Bot. Arch. 40 (1940) 151-257, fig. 1-30.—Compl. monogr.; keys.
- , Bot. Jahrb. 75 (1950) 82-89.—Critical remarks on following paper.
- KÜKENTHAL, in FEDDE, Rep. 52 (1943) 52-111.—Revision; key.
- Hypolytrum *p.p.*; UITTEN, Rec. Trav. Bot. Néerl. 33 (1936) 153-155.—Key.
- Isolepis: BEETLE, Amer. Midl. Nat. 34 (1945) 723-734.—Evaluation of 470 combinations published under *Isolepis* with their correct name (belonging to 18 genera of *Cyp.* presently accepted).
- Lepidosperma: KÜKENTHAL, in FEDDE, Rep. 50 (1941) 19-50, 112-128.—Revision; key.
- Lipocarpa: DANDY, J. Bot. 70 (1932) 331-332.—Synon. *L. senegalensis*.
- Mapania § Halostemma: UITTEN, Rec. Trav. Bot. Néerl. 33 (1936) 151-153, fig. 3, 284-289.—Revision; key.
- Mapania § Pandanophyllum: UITTEN, Rec. Trav. Bot. Néerl. 33 (1936) 145-151.—Key.
- Mapania § Pandanoscirpus: UITTEN, Rec. Trav. Bot. Néerl. 33 (1936) 277-284.—Revision; key.
- Oreobolus: KÜKENTHAL, in FEDDE, Rep. 48 (1940) 60-72.—Revision; key.
- PFEIFFER, in FEDDE, Rep. 23 (1927) 350-352.—Key.
- Paramapania: UITTEN, Rec. Trav. Bot. Néerl. 32 (1935) 184-192; *ibid.* 33 (1936) 141-145.—Revision; key.
- Remirea: KÜKENTHAL, in FEDDE, Rep. 53 (1944) 200-209.—Revision.
- Rhynchospora: BLAKE, Proc. R. Soc. Queensl. 51 (1940) 47.—New *sp.* from Philippines, Madura & Queensl.
- KÜKENTHAL, Bot. Jahrb. 74 (1949) 375-509; *ibid.* 75 (1950) 90-195; *ibid.* 75 (1951) 273-314.—Revision; keys.
- Schoenoxiphium: KÜKENTHAL, Pflanzenreich Heft 38 (1909) 28-33.
- , Bull. Jard. Bot. Btzig III, 16 (1940) 312-313.—New Sumatran *sp.*
- Schoenus: KÜKENTHAL, in FEDDE, Rep. 44 (1938) 5-32, 65-101, 161-195; corrections *ibid.* 48 (1940) 195-250.
- Scirpodendron: KURZ, J. As. Soc. Beng. 38, ii (1869) 70-85; *cf.* Flora 52 (1869) 441.
- Scirpus: BACKER, Onkruid. Jav. Suiker. (1928) 147-151.—In Dutch; key to Jav. *spp.*
- BEETLE, Amer. J. Bot. 27 (1940) 63-64.—Delimitation of subgenera.
- , *ibid.* 29 (1942) 82-88.—Key for § *Bolboschoenus*.
- , *ibid.* 30 (1943) 395-401.—Key for § *Schoenoplectus*.
- BLAKE, Proc. R. Soc. Queensl. 58 (1947) 38-42.—Some critical notes; key for *Sc. merrillii* and allies in Australia.
- , *ibid.* 62 (1952) 83-88.—Critical notes and key to *Sc. supinus*, *lateriflorus*, and *juncooides*.
- PALLA, Bot. Jahrb. 10 (1889) 293-301, t. 11.—Key to allied genera, partly segregates.
- Scleria: BLAKE, Proc. R. Soc. Queensl. 62 (1952) 88-89.—Critical notes; *S. oryzoides* reduced.
- CORE, Brittonia 2 (1936) 1-105, t. 1-3.—Revision Amer. *spp.*; key.
- PIÉRART, Lejeunea 13 (1951) 1-70.—Rev. *spp.* Congo Belge.
- Thoracostachyum: UITTEN, Rec. Trav. Bot. Néerl. 33 (1936) 133-140.
- Uncinia: KÜKENTHAL, Pflanzenreich Heft 38 (1909) 50-67.
- NELMES, Kew Bull. (1949) 140-145.—Three new *spp.*, 2 from New Guinea.

CYRTANDRACEAE

See Gesneriaceae

DAPHNIPHYLLACEAE

ROSENTHAL, K., Pflanzenreich Heft 68⁵ (1919) 1-16, fig. 1.

—, Pflanzenfamilien ed. 2, 19c (1931) 233-235, fig. 124.

Local

Philippines: QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 161-162.—New *sp.*

Genera

- Daphniphyllum:** CROIZAT, *Lingn. Sc. J.* 20 (1941) 79–103.—Taxon. position.
— & METCALFF, *Lingn. Sc. J.* 20 (1941) 105–127.—Chin. & Jap. *spp.*
HARRISON, *Kew Bull.* (1951) 369–370, fig. 1–2 (1952).—Note on pseudohermaphroditism in *D. macropodium* MIQ. cult. at Kew.
P'EL, *Contr. Biol. Lab. Sc. Soc. China (bot. ser.)* 8 (1933) 233–243.—Chin. *spp.*

DATISCACEAE

- GILG, E., *Pflanzenfamilien ed. 2*, 21 (1925) 543–547, fig. 249–250.
STEENIS, C. G. G. J. VAN, *Fl. Mal. I*, 4 (1953) 382–387, fig. 1–6.

Genera

- Octomeles:** MIQUEL, *Fl. Ind. Bat. Suppl.* (1861) 336.—Type descr.
WARBURG, *Bot. Jahrb.* 13 (1891) 385–386.—Record New Guinea; new *sp.*
Tetrameles: KOORDERS & VALETON, *Bijdr. Booms. Java* 9 (1903) 36–40.
MERRILL & PERRY, *J. Arn. Arb.* 23 (1942) 407.—New Guinea.

DICHAPETALACEAE

(Chaillietaceae)

- BECCARI, O., *Malesia* 1 (1877) 175–177.—Affinity genus; list 3 *spp.* of which one Papuan new.
ENGLER, A., *Pflanzenfamilien ed. 2*, 19c (1931) 1–11, fig. 1–5.

Local

- Borneo:** MERRILL, *J. Str. Br. R. As. Soc. no* 86 (1922) 319.—Record of a Philip. *sp.*
RIDLEY, *Kew Bull.* (1930) 372–373.—Descr. new *spp.*; records.
—, *ibid.* (1938) 234.—Descr. of new *sp.* with 4-merous flowers and entire petals.
Philippines: MERRILL, *Philip. J. Sc.* 17 (1920) 271–272.—Descr. 3 new *spp.*, one with entire petals.
—, *ibid.* 30 (1926) 401–402.—New *sp.* from Sulu.
New Guinea: KRAUSE, *Bot. Jahrb.* 49 (1912) 168–169.—Descr. 2 new *spp.*
—, *ibid.* 62 (1929) 341–346.—Survey; key.
Queensland: WHITE, *Proc. R. Soc. Queensl.* 53 (1942) 211–212.—First (new) *sp.* from Australia.

DILLENIACEAE

(for *Saurauia* see *Actinidiaceae*)

- GILG, E. & E. WERDERMANN, *Pflanzenfamilien ed. 2*, 21 (1925) 7–36, fig. 1–25.
HOOGLAND, R. D., *Fl. Mal. I*, 4 (1951) 141–174, fig. 1–13.
MARTELLI, U., *Le Dilleniaceae Malesi e Papuane delle collezioni Beccari (in BECCARI, Malesia 3, 1886, 150–167).*—Census & descr. BECCARI coll.; no keys; compl. en. of *Dillenia* and *Wormia*.
MIQUEL, F. A. W., *Ann. Mus. Bot. Lugd.-Bat.* 4 (1868) 73–80, t. 1.—Revision; no keys.
VRIESE, W. H. DE, *Pl. Ind. Bat. Orient.* (1856) 79–81, t. 6–7.—Descr.

Local

- India:** PARKINSON, *Ind. For.* 61 (1935) 447–453, t. 28–29.—Key to 3 allied *spp.* of *Dillenia*, one new (Andamans).
Sumatra: MIQUEL, *Ann. Mus. Bot. Lugd.-Bat.* 1 (1864) 315, t. 9.—New *Wormia* from Banka.
Malay Peninsula: CORNER, *Gard. Bull. Str. Settl.* 10 (1939) 3–11.—Critical remarks on some *spp.*
Borneo: MERRILL, *Plant. Elm. Born.* (1929) 194–196.—List; new *sp.* in *Tetracera* and *Dillenia*.
RIDLEY, *Sarawak Mus. J.* 1 (1913) 68–71.—List; 2 new *Tetraceras*.
Java: DE WIT, *Bull. Bot. Gard. Btzg III*, 18 (1949) 208–209.—Disc. whether *Dillenia suffruticosa* is native.
Philippines: MERRILL, *Philip. J. Sc.* 9 (1914) Bot. 517–521.—4 new *Dillencias*.
New Guinea: DIELS, *Bot. Jahrb.* 57 (1922) 436–441.—Revision; keys.
—, *Nova Guinea* 14 (1923) 81.—Records.
GIBBS, *Contr. Fl. Phytog. Arfak Mts* (1917) 148–149.—New *Hibbertia*.
KANEHIRA & HATUSIMA, *Bot. Mag. Tokyo* 57 (1943) 63.—Records.
LAUTERBACH, *Nova Guinea* 8 (1910) 305.—Some records.
RIDLEY, *Trans. Linn. Soc. Lond. II*, Bot. 9 (1916) 13–14.—New *Wormia*.
SMITH, A. C., *J. Arn. Arb.* 22 (1941) 497–502.—List; 3 new *Wormias*.
WHITE & FRANCIS, *Proc. R. Soc. Queensl.* 38 (1927) 242–243, fig. 9.—New *Wormia*.

Genera

- Dillenia (Wormia):** CORNER, *Gard. Bull. Str. Settl.* 10 (1939) 3–11.—Critical remarks.
HOOGLAND, *Blumea* 7 (1952) 1–145, fig. 1–11.—Complete revision of the genus; key.
Tetracera: HOOGLAND, *Reinwardtia* 2 (1953) 185–224, pl. 1.—Revision Indo-Austr. *spp.*; key.
Trematanthera = *Saurauia (Actinidiaceae)*.

DIOSCOREACEAE

- BURKILL, I. H., *Fl. Mal. I*, 4 (1951) 293–335, fig. 1–14.
KNUTH, R., *Pflanzenreich Heft* 87 (1924) 1–387, fig. 1–69.
—, *Pflanzenfamilien ed. 2*, 15a (1930) 438–462, fig. 192–206.
PRAIN, D. & I. H. BURKILL, *Kew Bull.* (1926) 118–120.—Corrections on KNUTH's monograph.
ULINE, E. B., *Eine Monographie der Dioscoreaceen (Bot. Jahrb.* 25, 1881, 126–165).—Key to genera and sections.

Local

- Malay Peninsula:** BURKILL, *Gard. Bull. Str. Settl.* 3 (1925) 289–290.—Observations on *Stenomerris*.
PRAIN & BURKILL, *ibid.* 4 (1927) 86–88, 2 fig.—Observ. on *Diosc. tamarisciflora*.
Java: BACKER, *Handb. Fl. Java* 3 (1924) 108–116.—In Dutch; key.
Borneo: KNUTH, in FEDDE, *Rep.* 36 (1934) 127.—New *sp.*

- Lesser Sunda Islands:** KNUTH, in FEDDE, Rep. 38 (1935) 119–120.—New *Dioscorea* from Sumba.
- Philippines:** PRAIN & BURKILL, in ELMER, Leaf Philip. Bot. 5 (1913) 1589–1599.—List; desc. new *spp.*
- Celebes:** BURKILL, Kew Bull. (1950) 259–260. fig.—New *sp.*
- KNUTH, in FEDDE, Rep. 36 (1934) 127–128.—new *spp.* coll. KJELLBERG.
- New Guinea:** KNUTH, in FEDDE, Rep. 42 (1937) 163–164.—Descr. 3 new *spp.*

Genera

- Dioscorea** (*Peripetasma*): BURKILL, Gard. Bull. Str. Settl. 3 (1924) 258–259, t.—Varieties of *D. pentaphylla* in Mal.; key to var.
- , J. S. Afr. Bot. (1952) 177–191.—Reduction of *Testudinaria* as an Afr. sect.; key.
- & HOLTUM, Gard. Bull. Str. Settl. 3 (1924) 260.—*D. piscatorum* as a fish poison.
- & PRAIN, Ann. R. Bot. Gard. Calcutta 14, part 1 (1936) x + 210 pp.; part 2 (1938) ii + 211–528 + xx, t. 1–150.—Complete revision of Indo-Austr. *spp.*
- PRAIN & BURKILL, J. As. Soc. Beng. II, 4 (1908) 447–457.—Misc. descr. new *spp.*
- , *ibid.* II, 10 (1914) 5–41.—Revision Indo-Austr. *spp.*; key.
- , Kew Bull. (1919) 339–375.—Key to Linnean *spp.* of *Dioscorea*; nomencl. *D. sativa*.
- , *ibid.* (1925) 58–66.—List misc. new *spp.*; reduction *Peripetasma* p. 66.
- , *ibid.* (1926) 118–120.—Reduction of KNUTH's and ULINE's *spp.*
- , *ibid.* (1931) 88–91, map.—Key to *spp.* of § *Stenocorea*.
- , Gard. Bull. Str. Settl. 5 (1932) 51–57, fig. 1–13.—Observ. on *D. gibbiflora*; new key to *Dioscorea* series of *D. alata*.
- , Kew Bull. (1933) 240–246.—Descr. new *spp.* from SE. Asia, incl. one from Sumatra & Malaya.
- Stenomeris:** BECCARI, Nuovo Giorn. Bot. Ital. 2. (1870) 8–12, t. 2.—New *sp.* from the Philippines.
- TAUBERT, Bot. Jahrb. 15 (1893) Beibl. 38, p. 1–2.—Revision; key.
- Trichopus:** BECCARI, Nuovo Giorn. Bot. Ital. 2 (1870) 13–19, t. 3.

DIPSACACEAE

- ALVARADO, S., Die morphologische Aufbau des Hüllkelches der Dipsacaceen (Bot. Jahrb. 61, 1927, Beibl. 138, p. 10–21, t. 9).—Morph. of epicalyx.
- STEENIS, C. G. G. J. VAN, Fl. Mal. I, 4 (1951) 290–292, fig. 1.

Genera

- Triplostegia** (*Hoeckia*): VAN STEENIS, Fl. Mal. I, 4 (1951) 290–292, fig. 1.—Complete revision.

DIPTEROCARPACEAE

- BERGER, L. G. DEN, Unterscheidungsmerkmale von rezenten und fossilen Dipterocarpaceengattungen (Bull. Jard. Bot. Btzg III, 8, 1927, 495–498).—Anat.

- BRANDIS, D., An enumeration of the Dipterocarpaceae, etc. (J. Linn. Soc. Bot. 31, 1895, 1–148, t. 1–3).—Monograph chiefly based on specimens at Kew and London; partial geogr. keys.
- BURCK, W., Sur les Dipterocarpacees des Indes néerlandaises (Ann. Jard. Bot. Btzg 6, 1887, 145–249).—Anat.; key to genera; crit. enum. of *spp.*; descr. of *spp.*
- FOXWORTHY, F. W., Distribution of the Dipterocarpaceae (J. Arn. Arb. 27, 1946, 347–354).—General figures.
- GILG, E., Pflanzenfamilien ed. 2, 21 (1925) 237–269, fig. 108–118.
- HEIM, F., Recherches sur les Dipterocarpacees. Introduction à la monographie générale de la famille (1892) i–v, 1–186, t. 1–11.—Anat.; no exact key to the genera, but several keys on basis of different organs; no *spp.* treated.
- MERRILL, E. D., Distribution of the Dipterocarpaceae (Philip. J. Sc. 23, 1923, 1–33, 2 maps, t. 3–8).—Distr. in the light of geol. hist. of Malaysia.
- MIQUEL, F. A. W., Dipterocarpaceae novae vel minus cognitae (Ann. Mus. Bot. Lugd.-Bat. 1, 1864, 213–215).—Descr. new *spp.*
- , Annotationes de Dipterocarpeis (Ann. Mus. Bot. Lugd.-Bat. 3, 1867, 83–85).—Complete list of Mal. *spp.*; records.
- PARIS, J. P., Bijdrage tot de kennis van de Oost-Indische damarhars. Thesis, Leiden (1933) 1–135, fig. 1–15, t.—Descr. some resinous *Dipteroc.*; anat.; phytochem.; some new *spp.*; in Dutch.
- SCHAEFFER, R. H. C. C., Nat. Tijds. Ned. Ind. 31 (1870) 346–351.—Misc. descr. many new *spp.*
- , *ibid.* 32 (1873) 407–409.—Misc. descr. from Banka and Borneo.
- SLOOTEN, D. F. VAN, Sertulum Dipterocarpacearum malayensium I (Bull. Jard. Bot. Btzg III, 16, 1940, 430–454, fig. 1–10).—New or noteworthy *spp.* in *Anisoptera*, *Dipterocarpus*, *Vatica*, and *Dryobalanops*.
- , *ditto* II (*ibid.* 17, 1941, 96–138, fig. 11–20).—*Ditto*, *Dipterocarpus*, *Shorea* (key to § *Isoptera*), *Hopea*, and *Vatica*.
- , *ditto* III (*ibid.* 17, 1942, 220–255, fig. 21–36).—*Ditto*, one *Shorea*; new *spp.* of *Vatica* subg. *Isauxis*; key to *spp.* of subg. *Synaptea*.
- , *ditto* IV (*ibid.* 18, 1949, 229–269, fig. 1–14).—*Ditto*, *Shorea*.
- , *ditto* V (Reinwardtia 2, 1952, 1–68, fig. 1–22).—The Dipterocarpaceae of Eastern Malaysia (Celebes, Moluccas, and New Guinea); *Anisoptera*, *Hopea*, *Shorea*.

Local

- Siam:** RYAN & KERR, J. Siam Soc. 8¹ (1911) 1–24, t. 1–5.—Revision *spp.* of N. Siam; key; econ. & sylvic. possibilities; S. Siam. *spp.* listed.
- Sumatra:** PARIS, in FEDDE, Rep. 33 (1933) 243–244.—Descr. some new *spp.*
- Malay Peninsula:** FOXWORTHY, Mal. For. Rec. 10 (1932) 1–289, t. 1–23, 1 map.—Descr.; distr.; uses; keys.
- HEIM, Bull. Mens. Soc. Linn. Paris no 127 (1892)

- 1009-1011.—Descr. *Duvallia problematica* n. g. n. sp. from Penang (= *Dipterocarpus*). Cf. SYMINGTON (1937) below.
- SYMINGTON, Notes on Malayan Dipterocarpaceae (Gard. Bull. Str. Settl. 7, 1933, 129-159, t. 33-47).—Notes on *Shorea*.
- , ditto II (*ibid.* 8, 1934, 1-40, t. 1-10).—*Anisoptera*, *Balanocarpus*, *Hopea*, *Vatica*, *Cotylelobium*.
- , ditto III (*ibid.* 8, 1935, 265-292, t. 16-28).—Notes on *Shorea* and *Hopea*.
- , ditto IV (*ibid.* 9, 1938, 319-354, t. 17-27).—Various notes on *Dipterocarpus*, *Hopea*, *Shorea*, and *Parashorea*.
- , ditto V (*ibid.* 10, 1939, 336-386, t. 11-27).—Cont. *Hopea*, *Shorea*, *Parashorea*, *Dryobalanops*.
- , ditto VI (J. Mal. Br. R. As. Soc. 19, 1941, 139-168, t. 1-7).—Descr. new spp. in *Hopea* (6), *Vatica* (1), *Shorea* (1); discussion of special groups of *Shorea* and *Vatica*.
- , Kew Bull. (1937) 318-319.—Reduction *Duvallia* to *Dipterocarpus*.
- , Mal. For. Rec. no 16 (1943) i-xliii, 1-244, fig. 1-114.—Complete revision of Mal. Pen. spp. THISELTON-DYER, J. Bot. 12 (1874) 154.—New *Vatica*.
- Borneo: HEIM, Bull. Mens. Soc. Linn. Paris no 120 (1891) 954-958; *ibid.* 122 (1891) 970-976.—Descr. new spp. coll. BECCARI; *Richetia* n. g.
- , *ibid.* no 120 (1891) 958-960.—Descr. *Pierrea* (coll. BECCARI).
- MERRILL, Philip. J. Sc. 29 (1926) 398-400.—2 new *Dipterocarpus*.
- PARIS, in FEDDE, Rep. 33 (1933) 243-244.—Misc. new spp.
- VAN SLOOTEN, in MERRILL, Pl. Elm. Born. (1929) 200-206.—List; one new comb.
- VESQUE, C. R. Ac. Sc. Paris 70 (1874) 625-627.—Descr. of new spp. of *Dipterocarpus* from the BECCARI collection.
- Philippines: ELMER, Leaf. Philip. Bot. 4 (1912) 1469-1474.—4 new spp.
- FOXWORTHY, Philippine Dipterocarpaceae (Philip. J. Sc. 6, 1911, Bot. 231-285, t. 34-44; *ibid.* 13, 1919, 163-199, t. 1-2).—Revision; keys.
- , ditto III (*ibid.* 67, 1938, 241-331, t. 1-9).—Complete revision; keys!
- , in ELMER, Leaf. Philip. Bot. 6 (1913) 1949-1958.—Records & new spp. from Agusan region (Mindanao).
- GILG, Bot. Jahrb. 18 (1894) Beibl. 45, p. 38-39.—New Philip. *Shorea*.
- MERRILL, Philip. J. Sc. 26 (1925) 475-477.—New *Shorea*.
- , *ibid.* 30 (1926) 411.—Record of *Vatica paupana*.
- THISELTON-DYER, J. Bot. 16 (1878) 100.—New sp.
- Celebes: VAN SLOOTEN, Reinwardtia 2 (1952) 1-68, fig. 1-21.—Survey of spp.
- Moluccas: VAN SLOOTEN, Reinwardtia 2 (1952) 1-68, fig. 1-21.—Survey of spp.
- New Guinea: DIELS, Bot. Jahrb. 57 (1922) 460-463.—Revision; keys.
- GILG, Bot. Jahrb. 18 (1894) Beibl. 45, p. 38-39.—New *Vatica*.
- VAN SLOOTEN, Nova Guinea 14 (1927) 222-227.
- , Reinwardtia 2 (1952) 1-68, fig. 1-21.—Survey; no keys.
- THISELTON-DYER, J. Bot. 16 (1878) 98-103.—2 new spp.
- WHITE, Proc. R. Soc. Queensl. 43 (1932) 49.—New *Hopea*.

Genera

- Anisoptera*: VAN SLOOTEN, Bull. Jard. Bot. Btzg III, 8 (1926) 1-17, fig. 1-2.—Revision; key.
- Cotylelobium*: VAN SLOOTEN, Bull. Jard. Bot. Btzg III, 10 (1929) 393-406, fig. 1-3; *ibid.* 12 (1932) 43-44.—Revision; keys in both papers.
- Dipterocarpus*: VAN SLOOTEN, Bull. Jard. Bot. Btzg III, 8 (1927) 263-352, fig. 1-15; *ibid.* 16 (1940) 443-448; *ibid.* 17 (1941) 97-110.—Revision with additions; key in the first paper.
- THISELTON-DYER, J. Bot. 12 (1874) 101-108, t. 143-145.—Revision; partial key.
- , *ibid.* 12 (1874) 152-154.—Critical notes on VESQUE's spp. (see below).
- Dryobalanops*: VAN SLOOTEN, Bull. Jard. Bot. Btzg III, 12 (1932) 1-45, fig. 1-5; *ibid.* 16 (1940) 448-451.—Revision; key.
- THISELTON-DYER, J. Bot. 12 (1874) 98-101, t. 142.—Revision; no key.
- Parashorea*: VAN SLOOTEN, Bull. Jard. Bot. Btzg III, 8 (1927) 370-380, fig. 1-3.—Revision; key.
- Shorea* § *Isoptera*: VAN SLOOTEN, Bull. Bot. Gard. Btzg III, 17 (1941) 115-130.
- Shorea*: VAN SLOOTEN, Bull. Bot. Gard. Btzg III, 18 (1949) 230-269.—New spp.
- Upuna*: SYMINGTON, Bull. Jard. Bot. Btzg III, 17 (1941) 88-95, t. 1-2, fig. I-II.—New Bornean genus.
- Vatica*: VAN SLOOTEN, Bull. Jard. Bot. Btzg III, 9 (1927) 67-137, fig. 1-13.—Revision; key.
- , *ibid.* 17 (1941) 133-137.—Additions.
- Vatica* § *Isauxis*: VAN SLOOTEN, Bull. Jard. Bot. Btzg III, 17 (1942) 223-242.
- Vatica* § *Synaptae*: VAN SLOOTEN, Bull. Jard. Bot. Btzg III, 17 (1942) 243-254.—Key.

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- DIELS, L., Pflanzenreich Heft 26 (1906) 1-136, fig. 1-40.
- , Pflanzenfamilien ed. 2, 17b (1936) 766-784, fig. 473-486.
- STEENIS, C. G. G. J. VAN, Bull. Jard. Bot. Btzg III, 13 (1933) 106-109, 202.
- , Fl. Mal. I, 4 (1953) 377-381, fig. 1-7.

Local

- Timor: VON MALM, in FEDDE, Rep. 41 (1937) 295.—Record *Aldrovanda*.
- New Guinea: VAN STEENIS, J. Arn. Arb. 28 (1947) 420-421.—List BRASS coll.

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- BAKHUIZEN VAN DEN BRINK, R. C., Revisio Ebenacearum Malayensium (Bull. Jard. Bot. Btzg III, 15, 1936, 1-49; *ibid.* 1937, 59-178; *ibid.* 1938, 179-368; *ibid.* 1941, 369-515).—Plates and final part in the press.—Complete revision; keys.

HIERN, W. P., A monograph of Ebenaceae (Trans. Cambr. Philos. Soc. 12, 1873, 27–300, 1 fig., t. 1–11.—Complete monograph; keys to genera and spp.

Local

Siam: BAKHUIZEN VAN DEN BRINK, Kew Bull. (1937) 382–392.

—, *ibid.* (1938) 24–26, t.—New sp.

Ceylon: WRIGHT, Ann. R. Bot. Gard. Perad. 2 (1904) 1–106, 133–210, t. 1–20.—Revision; key.

Malay Peninsula: BAKHUIZEN VAN DEN BRINK, Gard. Bull. Str. Settl. 7 (1933) 161–190, t. 48–50.

Borneo: DIELS & HACKENBERG, Bot. Jahrb. 60 (1926) 313–314.—2 new *Diospyros*.

MERRILL, J. Str. Br. R. As. Soc. no 87 (1923) 25–26.—New *Diospyros*.

RIDLEY, J. Bot. 63 (1925) 51–52.—New sp.

Philippines: MERRILL, Philip. J. Sc. 26 (1925) 487–488.—New sp.

—, *ibid.* 29 (1926) 483.—New sp.

—, *ibid.* 30 (1926) 421–423.—2 new spp.

Moluccas: MERRILL, Philip. J. Sc. 11 (1916) Bot. 303–304.—New *Maba* from Ambon.

New Guinea: HIERN, Nova Guinea 8 (1909) 199–200.—List; 2 new spp.

Solomon Islands: BAKHUIZEN VAN DEN BRINK, J. Arn. Arb. 16 (1935) 68–69, t. 120–122.—Records.

ELAEAGNACEAE

NELSON, AVEN, The Elaeagnaceae. A monogeneric family (Am. J. Bot. 22, 1935, 681–683).—*Shepherdia* and *Hippophae* are reduced to *Elaeagnus*. Key to Rocky Mt spp.

SCHLECHTENDAL, D. F. L. VON, Elaeagnacearum in Candollei prodromo (Vol. XIV) expositarum adumbratis (Linnaea 30, 1859–60, 304–386).—Comments; descr.; no keys; in Latin.

SERVETTAZ, C., Note préliminaire sur la systématique des Elaeagnacées (Bull. Herb. Boiss. II, 8, 1908, 381–394).—Prelim. revision; keys.

—, Monographie des Eléagnacées (Beih. Bot. Centralbl. 25, ii, 1909, 1–420, fig. 1–145).—Monogr.; keys.

Local

Formosa: LI, Lloydia 15 (1952) 156–160.—Key to 8 spp. of *Elaeagnus*; 2 new.

Java: MIQUEL, Pl. Jungh. (1852) 173.—List.

New Guinea: MERRILL & PERRY, J. Arn. Arb. 22 (1941) 267–268.—Record.

ELAEOCARPACEAE

Local

Sumatra: MERRILL, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 168.—New *Elaeocarpus*.

Malay Peninsula: BURKILL, J. Str. Br. R. As. Soc. no 75 (1917) 41.—New *Elaeocarpus*.

CORNER, Gard. Bull. Str. Settl. 10 (1939) 308–329.—Revision; 2 new spp.; key.

HENDERSON, Gard. Bull. Str. Settl. 5 (1930) 74–76, 2 fig.—New *Elaeocarpus*.

Java: ADELBERT, Blumea 6 (1948) 310–313.—Critical notes.

KOORDERS, Bull. Jard. Bot. Btzg III, 1 (1919) 140–144, t. 7–8.—Record of *Elaeocarpus littoralis*.

Borneo: DE CANDOLLE, Bull. Herb. Boiss. II, 3 (1902) 367–368.—2 new *Elaeocarpus*.

KNUTH, in FEDDE, Rep. 44 (1938) 124–132.—20 new spp. of *Elaeocarpus*.

MERRILL, J. Str. Br. R. As. Soc. no 76 (1917) 96–97.—New *Elaeocarpus*.

—, *ibid.* no 77 (1917) 191–203.—Critical notes, a dozen new spp. of *Elaeocarpus*.

—, *ibid.* no 86 (1922) 327.—New *Elaeocarpus*.

—, Sarawak Mus. J. 3 (1928) 527–528.—New *Elaeocarpus*.

RIDLEY, Kew Bull. (1938) 229–234.—List records; 9 new *Elaeocarpus*.

AIRY SHAW, Kew Bull. (1949) 163–165.—Records; new *Elaeocarpus*.

WARBURG, in FEDDE, Rep. 18 (1922) 327–329. 5 new *Elaeocarpus*.

Philippines: DE CANDOLLE, in ELMER, Leaf. Philip. Bot. 2 (1909) 633–638.—Revision & key to *Elaeocarpus*.

ELMER, Leaf. Philip. Bot. 4 (1911) 1171–1190.—New spp.

—, *ibid.* 9 (1934) 3185–3186.—New sp.

MERRILL, Philip. J. Sc. 26 (1925) 470.—New *Elaeocarpus*.

— & QUISUMBING, *ibid.* 82 (1953) 328.—Record *Sloanea sigun*.

VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 409.—Syn. *Elaeocarpus sphaericus*.

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DE WIT, Bull. Bot. Gard. Btzg III, 18 (1949) 210.—Reduction of an *Elaeocarpus*.

New Guinea: GIBBS, Contr. Fl. Phytog. Arfak Mts (1917) 148.—One *Elaeocarpus* and 2 *Sericoleas*.

KANEHIRA-HATUSIMA, Bot. Mag. Tokyo 56 (1942) 308–322, fig. 4–14.—New spp. in *Aceratium*, *Echinocarpus*, *Elaeocarpus*, and *Sericolea*.

KOORDERS, Nova Guinea 8 (1909) 173–174.—Record and new *Elaeocarpus*.

PULLE, Nova Guinea 8 (1912) 661–662.—2 new *Elaeocarpus*.

RIDLEY, Trans. Linn. Soc. Lond. II, Bot. 9 (1916) 21–22.—New *Elaeocarpus* spp. and a *Sloanea*.

SCHLECHTER, Bot. Jahrb. 54 (1916) 92–155.—Extensive revision; keys.

SCHMIDT, Nova Guinea 14 (1924) 151–157.—New spp. and records.

—, J. Arn. Arb. 10 (1929) 79–80.

SMITH, A. C., J. Arn. Arb. 25 (1944) 104–121, 222–270, 271–298.—Many novelties.

VAN STEENIS, Nova Guinea 14 (1927) 304–305.—*Sericolea* records.

Genera

Aceratium: SCHLECHTER, Bot. Jahrb. 54 (1916) 100–107.—Key.

SMITH, A. C., J. Arn. Arb. 25 (1944) 110–121.—Records and 11 new Pap. spp.

- WHITE, Kew Bull. (1932) 42-43.—*Aceratium* in Queensland.
- Dubouzetia: BRONGNIART & GRIS, Bull. Soc. Bot. Fr. 8 (1881) 199-200.—Type descr.
- SMITH, A. C., J. Arn. Arb. 25 (1944) 272-273.—2 new spp.
- SPRAGUE, Kew Bull. (1907) 11, 125-128.—Revision; key to New Caled. spp.
- Elaeocarpus: KNUTH, in FEDDE, Rep. 48 (1940) 72-79.—20 new spp. from New Guinea, Celebes, Bismarcks & Timor.
- , *ibid.* 49 (1940) 66-73.—New spp. from various regions.
- , *ibid.* 50 (1941) 81-88.—New spp. from New Guinea, Philippines, Celebes & Java.
- MERRILL, J. Arn. Arb. 32 (1951) 157-200.—New spp. and critical notes, specially on KNUTH's spp.; many reductions; no keys.
- , Proc. R. Soc. Queensl. 62 (1952) 49-56.—Further critical notes and reductions; no keys.
- SMITH, A. C., J. Arn. Arb. 25 (1944) 222-270.—Key to sect. in Papua; records and c. 30 new spp.
- TURCZANINOW, Bull. Soc. Nat. Moscou 19² (1846) 489-496.—Key to 3 sect.; no keys to spp.; 11 spp. treated from CUMING's and ZOLLINGER's Mal. coll.
- Sericolea (*Hormopetalum*, *Mischopleura*, *Pyronota*): SCHLECHTER, Bot. Jahrb. 55 (1918) 194.—Reduction of *Pyronota*.
- , in FEDDE, Rep. 16 (1919) 29-32.—Census spp.; nomencl.
- SCHMIDT, Nova Guinea 14 (1919) 151-153.—2 new spp.
- SMITH, A. C., J. Arn. Arb. 25 (1944) 104-110.—Records and 5 new spp.
- WERNHAM, in HOOK. Ic. Pl. 31 (1916) t. 3059, pp. 1-2.—2 spp. under *Mischopleura*.
- Sloanea (*Antholoma*, *Anoniodes*, *Echinocarpus*, *Phoenixosperma*): MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 2 (1865) 68.—Descr. Jav. sp.
- VON MUELLER, Vict. Nat. 8 (1892) 164; *ibid.* 9 (1892) 111.—2 new spp. from New Guinea.
- SMITH, A. C., J. Arn. Arb. 25 (1944) 273-297.—Rev. Pap. spp.; sect. in Papua; records and 11 new spp.
- SMITH, C. E., Contr. Gray Herb. 175 (1954) 1-114.—Revision New World spp.; key.

ELATINACEAE

- BACKER, C. A., Fl. Mal. I, 4 (1951) 203-206, 1 fig.
- NIEDENZU, F., Pflanzenfamilien ed. 2, 21 (1925) 270-276.

Genera

- Bergia: MILNE-REDHEAD, Kew Bull. (1948) 450.—Synon. *B. capensis*.

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- COPELAND, H. F., Observations on certain Epacridaceae (Am. J. Bot. 41, 1954, 215-222, fig. 1-44).—General discussion; main subdiv.
- LAM, H. J., Blumea 5 (1945) 571-574.—Distinction of *Styphelia* and *Trochocarpa* by means of venation, referring a number of Mal. spp. to the latter genus.

- SMITH, J. J., Nova Guinea 12 (1912) 797-798.—List of Mal. spp.

Local

- Java: DE VRIESE, in MIQUEL, Plant. Jungh. (1851) 84-86.—Redescr. Jav. spp. and remarks on occurrence of *Styphelia* in Mal.
- Lesser Sunda Islands: FAWCETT, in FORBES, Wand. Nat. (1885) 509.—New sp. from Timor.
- SMITH, J. J., Ic. Bog. 4 (1913) 171-173, t. 352.—New sp.
- Borneo: GIBBS, J. Linn. Soc. Lond. Bot. 42 (1914) 105-107, fig. 7.—List & new sp. from Mt Kinabalu.
- Celebes: LAM, Blumea 5 (1945) 571-574.—Records; referring a number of Mal. spp. to *Trochocarpa*.
- SMITH, J. J., Ic. Bog. 4 (1910) 81-82, t. 325.
- Philippines: MERRILL, Philip. J. Sc. 20 (1922) 419.—New sp.
- Moluccas: SCHEFFER, Nat. Tijds. Ned. Ind. 32 (1871) 419.—New sp. from Gebehe Isl.
- New Guinea: DIELS, Bot. Jahrb. 62 (1929) 488.—2 records.
- KANEHIRA & HATUSIMA, Tokyo Bot. Mag. 56 (1942) 483-485.—Records; 1 new sp.
- RIDLEY, Trans. Linn. Soc. Lond. II, Bot. 9 (1916) 100-102.—4 new spp.
- SMITH, J. J., Nova Guinea 8 (1912) 797-803, t. 143-146.—List Mal. spp.; 5 new spp.
- , *ibid.* 12 (1917) 539-541, t. 224-225.—Records; 2 new spp.
- , in GIBBS, Contr. Fl. Phytog. Arfak Mts (1917) 167-168.—Some records.

ERICACEAE

(incl. *Monotropaceae*, *Pirolaceae*, *Vacciniaceae*)

- COPELAND, H. F., A study, anatomical, and taxonomic, of the genera of Rhododendroideae (Am. Midl. Natural. 30, 1943, 533-625, fig. 1-229).—Morph.
- COX, H. T., Studies in the comparative anatomy of the Ericales, Ericaceae subfamily Rhododendroideae (Amer. Midl. Nat. 39, 1948, 220-245).—Morphology and phylogeny.
- MIQUEL, F. A. W., Ericaceae Archipelagi Indici (Ann. Mus. Bot. Lugd.-Bat. 1, 1864, 36-45; 1866, 220-221, t. 2).—Descr.; records.
- SLEUMER, H., Vaccinioideen-Studien (Bot. Jahrb. 71, 1941, 375-510).—Subdiv. of the subfamily; keys to tribes and genera and subdivision of genera (e. g. *Vaccinium*); many new comb.
- STEENIS, C. G. J. VAN, Bull. Jard. Bot. Btzg III, 13 (1934) 203-207.—List of a number of mountain spp.

Local

- Sumatra: MERRILL, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 181-184.—New spp.
- , Not. Nat. Acad. Nat. Sc. Philadelphia no 47 (1940) 3-6.—3 new *Rhododendrons* from Atjeh.
- MOORE, J. Bot. (1925) Suppl. 55-57, 147.—List; 3 new *Vacciniums*.
- RIDLEY, J. Fed. Mal. Stat. Mus. 8, 4 (1917) 56-58.—List; 2 new *Vacciniums*.

- AIRY SHAW, Kew Bull. (1948) 158-161.—Pictures of 2 spp.
- SMITH, J. J., Med. Rijksherb. Leiden no 30 (1916) 1-10.—Some *Vacciniums*.
- , Contr. Arn. Arb. 8 (1934) 122-129.—Records and new spp. from N. Sumatra.
- , in FEDDE, Rep. 35 (1934) 292-297.—New spp.
- , Bull. Jard. Bot. Btzg III, 13 (1935) 443-464.—Some new spp. & var.
- Malay Peninsula: AIRY SHAW, Kew Bull. (1940) 304-305.—New *Gaultheria*.
- SMITH, J. J., Gard. Bull. Str. Settl. 8 (1935) 262-263.—New *Rhododendron*.
- Java: SMITH, J. J., Ic. Bog. 4 (1910) 73-74, t. 322.—New *Rhododendron*.
- , *ibid.* (1912) 99-101, t. 331.—New *Vaccinium*.
- , in KOORD. & VAL., Bijdr. Booms. Java 13 (1914) 88-169.
- VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 387-389.—Critical notes on *Rhododendron* and *Vaccinium*.
- , Act. Hort. Berg. 15 (2) (1949) 41, fig. 1.—Dist. *Vaccinium bracteatum* in Mal.
- Lesser Sunda Islands: SLEUMER, Bot. Jahrb. 71 (1940) 146-147.—New *Rhododendron* from Flores.
- Borneo: BECCARI, Malesia 1 (1878) 199-213.—Descr. new spp.
- FISCHER, Kew Bull. (1932) 293.—New *Vaccinium*.
- GIBBS, J. Linn. Soc. Lond. Bot. 42 (1914) 101-105.—List Kinabalu; a new *Rhododendron*.
- MERRILL, J. Str. Br. R. As. Soc. no 76 (1917) 102-110.—New spp.
- , J. Mal. Br. R. As. Soc. 1 (1923) 22-23.—New *Vaccinium*.
- , Sarawak Mus. J. 3 (1928) 541-543.—List; 2 new *Rhododendrons*.
- RIDLEY, Kew Bull. (1914) 209-210.—New *Rhododendron*.
- , *ibid.* (1922) 106-108.—Descr. new *Vacciniums*, partly under *Rigiolepis*.
- SLEUMER, Bot. Jahrb. 71 (1940) 138-168.—Descr. new spp. mainly from Mt Kinabalu.
- SMITH, J. J., Ic. Bog. 4 (1910) 67-72, 75-79, t. 320-321, 323-324.—2 new *Vacciniums*, a *Rhododendron* and *Costera n.g.*
- , Bull. Jard. Bot. Btzg III, 1 (1920) 399-410.—Few new spp.
- , *ibid.* III, 13 (1935) 443-464.—Various new spp. & var.
- STAPP, Trans. Linn. Soc. Lond. II, Bot. 4 (1894) 189-198, t. 14-15.—Kinabalu coll.; new spp. in all genera.
- Philippines: COPELAND, Philip. J. Sc. 40 (1929) 133-179, t. 1-16.—*Rhododendron*; key.
- , *ibid.* 42 (1930) 537-607, t. 1-7.—*Vaccinium*; key.
- , *ibid.* 47 (1932) 57-118, t. 1-8.—Other ericaceous genera; keys.
- ELMER, Leaf. Philip. Bot. 3 (1911) 1089-1107.—Account *Eric.* Mt Apo, Mindanao; many new spp.
- , *ibid.* 10 (1939) 3730-3731.—New *Vaccinium*.
- MERRILL, Philip. J. Sc. 3 (1908) Bot. 369-382.—Revision; keys.
- , *ibid.* 27 (1925) 43-45.—2 new spp.
- , *ibid.* 30 (1926) 419.—New *Rhododendron*.
- & QUISUMBING, *ibid.* 82 (1953) 333-334.—2 new spp. of *Rhododendron* from Palawan.
- RENDLE, J. Bot. 34 (1896) 355-357.—Some new spp.
- WARBURG, in PERKINS, Fragm. Fl. Philip. (1905) 172-175.—4 new spp.
- Celebes: SLEUMER, Bot. Jahrb. 71 (1940) 138-168.—Descr. new spp. from coll. WARBURG, HEINRICH, and SARASIN.
- SMITH, J. J., Bull. Jard. Bot. Btzg II, no 8 (1912) 48-49.—New var. of a *Vaccinium*.
- , Med. Rijksherb. Leiden no 30 (1916) 7-9.—New *Vaccinium* var.
- , Bull. Jard. Bot. Btzg III, 1 (1920) 399-410.—Descr. new spp.
- , *ibid.* 4 (1922) 240.—New *Rhododendron*.
- , in FEDDE, Rep. 30 (1932) 162-178.—Descr. new spp. Mt Bonthain.
- , Bull. Jard. Bot. Btzg III, 13 (1935) 443-464.—Some new spp. & var.
- , Bot. Jahrb. 68 (1937) 199-215.—Novelties coll. KJELLBERG.
- Moluccas: SMITH, J. J., in FEDDE, Rep. 30 (1932) 162-178.—Descr. new spp.
- New Guinea: BECCARI, Malesia 1 (1878) 199-213.—Descr. new spp.
- DIELS, Bot. Jahrb. 62 (1929) 486-488.—List; 3 new spp.
- FÖRSTER, in FEDDE, Rep. 13 (1914) 221-225.—6 new *Rhododendrons*, leg. KEYSER.
- KANEHIRA & HATUSIMA, Bot. Mag. Tokyo 56 (1942) 476-483.—List; 2 new spp.
- KOORDERS, Nova Guinea 8 (1909) 183-191, t. 48.—New spp.
- , *ibid.* 8 (1912) 875-887, t. 150-157.—New spp.
- VON MUELLER, Vict. Nat. 1 (1884) 101-102.—New *Rhododendron*.
- , J. Bot. 24 (1886) 289-291.—*Agapetes n. sp.*, *Catanthera n. g.* (= *Medinilla*!)
- , in WING's South. Sc. Record new ser. 2 (1886) 2 pp.—Type descr. *Dimorphanthera* under *Agapetes*.
- , Vict. Nat. 4 (1887) 110-112.—New *Rhododendron*.
- SCHLECHTER, Bot. Jahrb. 55 (1918) 137-194.—Keys.
- SLEUMER, Bot. Jahrb. 70 (1939) 95-124.—Revision *Agapetes* & *Dimorphanthera*; keys.
- , *ibid.* 72 (1942) 207-269.—Revision of *Diplycosia*, *Gaultheria*, *Vaccinium*; many new spp.; keys.
- SMITH, J. J., Bull. Jard. Bot. Btzg II, no 8 (1912) 50-55.—List prelim. descr. new spp.
- , in FEDDE, Rep. 12 (1913) 209.—New *Rhododendron*.
- , Ic. Bog. 4 (1913) 175-178, t. 353.—New *Dimorphanthera*.
- , Nova Guinea 12 (1914) 129-168, t. 29-52.—Records; new spp.
- , Meded. Rijksherb. Leiden no 25 (1915) 1-14.—Descr. new spp.
- , Nova Guinea 12 (1917) 495-537, t. 193-223;

correct. vol. 18, p. 89.—Key to *Rhododendron* & *Vaccinium*; records and new *spp.*
—, in GIBBS, Contr. Fl. Phytog. Arfak Mts (1917) 168–174.—List; records & new *spp.*
WERNHAM, Trans. Linn. Soc. Lond. II, Bot. 9 (1916) 89–99.—Many new *spp.* also *Mischopleura n.g.* (= *Elaeoc.*).

Solomon Isl.: SLEUMER, Notizbl. Berl.-Dahlem 12 (1935) 485–486.—3 *Rhododendrons* from Bougainville.

Genera

Agapetes (*Pentapterygium*, *Paphia*, *Corallobotrys*, *Desmogyne*): AIRY SHAW, Kew Bull. (1935) 24–53.—Critical notes; keys.

—, *ibid.* (1948) 77–104.

SLEUMER, Bot. Jahrb. 70 (1939) 97–106.—Revision; key.

Catanthera = *Medinilla* (*Melastomataceae*).

Cheilothea: RIDLEY, Fl. Mal. Pen. 2 (1923) 222–223, fig. 93.—Descr. *sp.* from Mal. Pen.

Costera (*Cymothoe*, *Iaera*): AIRY SHAW, in HOOK. Ic. Pl. 33 (1935) t. 3281, pp. 1–3.—New *sp.*

—, Kew Bull. (1935) 150–156.—*Cymothoe*.

SMITH, J. J., Bull. Jard. Bot. Btzg III, 13 (1935) 418–424, fig. 1.—Revision; key.

Dimorphanthera: SLEUMER, Bot. Jahrb. 70 (1939) 106–124.—Revision; key.

Gaultheria: AIRY SHAW, Kew Bull. (1940) 306–330.—Classif. *Asiat. spp.*; keys; some Sumatran *spp.* included.

—, *ibid.* (1952) 171–174.—Key to Sino-Himalayan *spp.* of § *Leucothoides*.

Mischopleura = *Sericolea* (*Elaeocarpaceae*).

Pirola: ANDRES, Bull. Jard. Bot. Btzg III, 14 (1936) 4–7, fig. 1.—Descr. new *sp.* from N. Sumatra.

Rhododendron: COWAN, J. M., The *Rhododendron* leaf. A study of the epidermal appendages. Edinburgh & London (1950) 1–120, t. 1–15, fig. 1–8.—Structure of indument as a taxonomic character.

HAYES, KEENAN & COWAN, Not. R. Bot. Gard. Edinb. 21 (1951) 1–33, t. 1–11.—Anat. of leaf in relation to taxon.

VON HOFF, Ber. Deut. Bot. Ges. 63 (1950) 31–35.—Significance of hair structures for allianceships and their interrelation.

—, Jahrbuch *Rhododendron* Gesellschaft Bremen (1953) 58–71, 81 fig.—Ontogeny of indumentum and importance of taxonomy.

—, *ibid.* (1954) 42–55, 11 fig.—Considerations on phylogeny on the basis of geogr. and morph.

HUTCHINSON, *Rhododendron* Yearbook (1946) 42–47.—Evolution and classification of the genus.

KINGDON WARD, J. Bot. 73 (1935) 241–247, fig. 1–3.—Seed types in *Rhododendron*.

—, *Rhododendron* Yearbook (1947) 99–114.—Observ. on classification.

SINCLAIR, Not. R. Bot. Gard. Edinb. 19 (1937) 267–271.—Structure of bud as a taxonomic character.

SLEUMER, Bot. Jahrb. 74 (1949) 511–553.—Attempt of a subdivision of the genus.

Vaccinium (*Disiphon*, *Neojunghuhnia*, *Rigiolepis*): SLEUMER, Bot. Jahrb. 71 (1941) 408–493.—Many new comb.; subdivision of the genus; keys to Indian & SE.-E. *Asiat. spp.*; occasionally a Mal. *sp.* included.

SMITH, J. J., Blumea 1 (1935) 323–342, fig. 1.—Revision Mal. *spp.* of § *Rigiolepis*; no key.

ERIOCAULACEAE

KOERNICKE, F., Monographia scripta de Eriocaulaceis. Berlin (1856) i–ii, 1–36.—*Non vidi.*

—, Eriocaulacearum monographiae supplementum (Linnaea 27, 1856, 561–692).—List; descr.; partial keys.

—, in MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 3 (1867) 238–241.—Some records and one new *sp.*

MOLDENKE, H. N., The known geographic distribution of the members of the . . . and Eriocaulaceae. New York (1949) mimeogr. 1–215.—Checklist of names, geogr. arranged.

RUHLAND, W., Pflanzenreich Heft 13 (1903) 1–294, fig. 1–40.

—, Zur geographischen Verbreitung der Eriocaulaceen (Bot. Jahrb. 50, Suppl. 1914, 363–374).—Geogr. distr.

—, Pflanzenfamilien ed. 2, 15a (1930) 39–57, fig. 16–25.

STEUDEL, E. G., Enumeratio plantarum Glumacearum pars II. Stuttgart (1855) 267–283.—Enum. descr. in Latin.

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—, The Indian species of Eriocaulon (1923) 1–88, t. 1–55.—Reprint of the above. *Non vidi.*

RAIZADA, Sc. & Cult. 14 (1949) 387–388.—Floral proliferation.

Indo-China: LECOMTE, in MOROT, J. de Bot. 21 (1908) 86–94, 101–109, fig. 1–3, 129–136, fig. 1–3.—Key to I.-C. *spp.*; morphol.; ecol.; dispersal.

Malay Peninsula: RIDLEY, Mat. Fl. Mal. Pen. (Monocot.) 3 (1907) 53–55.—Key.

Java: BACKER, Handb. Fl. Java 3 (1924) 5–8.—Key; in Dutch.

Borneo: GIBBS, J. Linn. Soc. Bot. 42 (1914) 172.—List records.

STAPP, Trans. Linn. Soc. Lond. II, Bot. 4 (1894) 243–244.—New *sp.*

SUESSENGUTH & HEINE, Mitt. Bot. Staatssamml. München Heft 2 (1950) 57–58.—New *sp.*

Philippines: RUHLAND, in PERKINS, Fragm. Fl. Philip. (1904) 136.—New *sp.*

New Guinea: RIDLEY, Trans. Linn. Soc. Lond. II, Bot. 9 (1916) 240–241.—New *sp.*

Genera

Eriocaulon: VAN STEENIS, Bull. Bot. Gard. Btzg III, 18 (1950) 460–461.—Reduction of the forgotten genus *Busseuillia* LESS. from Australia to *Eriocaulon*.

ERYTHROPALACEAE

See *Olaceae*

ERYTHROXYLACEAE

BURCK, W., Les Erythroxyloae des Indes Néerlandaises (Ann. Jard. Bot. Btzg 11, 1893, 190–194, t. 15–16).—Survey; no key; 4 new spp.

SCHULZ, O. E., Pflanzenreich Heft 29 (1907) 1–176.

—, Pflanzenfamilien ed. 2, 19a (1931) 130–143, fig. 60–67.

Local

New Guinea: SCHULZ, Bot. Jahrb. 58 (1924) 249.—Records; new var.

Solomon Islands: WHITE, J. Arn. Arb. 31 (1950) 89–90.—New sp.

EUPHORBIACEAE

(excl. *Daphniphyllaceae*)

BAILLON, H., Étude générale du groupe des Euphorbiacées. Paris (1858) 1–684, Atlas 1–52, t. 1–27.—Classification of genera.

—, Nouvelles observations sur les Euphorbiacées (Adansonia 11, 1873–74, 72–138).—Mostly relating to New Caled. spp.; some of Africa & Malaysia; *Cephalomappa* n.g.

CROIZAT, L. C. M., The tribe Plukenetiae in the Euphorbiaceae in eastern tropical Asia (J. Arn. Arb. 22, 1941, 417–431).—*Plukenetia*, *Tragia*, *Megistostigma* (*Clavistylus*), *Cnesmone*; no keys to spp.

GRÜNING, G., Porantheroideae, Ricinocarpoideae (Pflanzenreich Heft 58, 1913, 1–97, fig. 1–16).—Contains only some Australian genera, some of which might occur in New Guinea.

JABLONSKY, E., Euphorbiaceae-Brideliaceae (Pflanzenreich Heft 65, 1915, 1–98, fig. 1–15).—*Bridelia*, *Cleistanthus*.

MUELLER-ARG., J., Euphorbiaceae. Vorläufige Mittheilungen aus dem für De Candolle's Prodrum bestimmten Manuscript über diese Familie (Linnaea 32, 1863, 1–126; *ibid.* 34, 1865, 1–224).—Descr.; partial keys.

— & E. BOISSIER, in DC. Prodr. 15² (1866) 1–1286.

PAX, F., Euphorbiaceae-Jatrophaeae (Pflanzenreich Heft 42, 1910, 1–148, fig. 1–45).—*Aleurites*, *Elaeagnus*, *Hevea*, *Jatropha*, *Trinitatis*.

—, Euphorbiaceae-Adrianeae (*ibid.* Heft 44, 1910, 1–111, fig. 1–35).—*Cephalomappa*, *Manihot*.

— & K. HOFFMANN, Euphorbiaceae-Cluytieae (*ibid.* Heft 47, 1911, 1–124, fig. 1–35).—*Codiaeum*, *Dimorphocalyx*, *Erismanthus*, *Galearia*, *Microdesmis*, *Paracroton*, *Strophoblachia*, *Synthyphyllum*, *Trigonopleura*, *Trigonostemon*.

—, Euphorbiaceae-Gelonieae (*ibid.* Heft 52¹, 1912, 1–41, fig. 1–11).—*Baliospermum*, *Chaetocarpus*, *Cheilosia*, *Endospermum*, and *Gelonium*.

—, Euphorbiaceae-Hippomaneae (*ibid.* Heft 52², 1912, 1–319, fig. 1–58).—*Excoecaria*, *Homalanthus*, *Hura*, *Omphalea*, *Pimeleodendron*, *Sapium*, *Sebastiania*.

—, Euphorbiaceae - Acalypheae - Chrozophorinae (*ibid.* Heft 57, 1912, 1–142, fig. 1–45).—*Agrostistachys*, *Chrozophora*, *Sumbavia*, *Sumbaviopsis*.

—, Euphorbiaceae - Acalypheae - Mercurialinae (*ibid.* Heft 63, 1914, 1–473, fig. 1–67).—*Alchornea*, *Alcinaeanthus*, *Blumeodendron*, *Calpigyne*, *Cladogynos*, *Claoxylon*, *Clarorivinia*, *Cleidion*, *Coccoceras*, *Coelodepas*, *Macaranga*, *Melanolepis*, *Micrococca*, *Neotrewia*, *Podadenia*, *Trewia*, *Wetria*.

—, Additamentum V (*ibid.* Heft 63, 1914, 397–427).

—, Acalypheae - Plukenetinae, A.-Epiprininae, A.-Riciniinae, Perea (*ibid.* 68¹, 1919, 1–134, fig. 1–29).—*Clavistylus*, *Cnesmone*, *Epiprinus*, *Homonoia*, *Pachystylidium*, *Plukenetia*, *Pterococcus*, *Ricinus*, *Sphaerostylis*, *Tragia*.

—, *ibid.* Heft 68² (1919) 1–59, fig. 1–9.—*Dalechampia*.

—, Additamentum VI (*ibid.* Heft 68⁴, 1919, 1–81).—System of the *Crotonoideae*; *Annesijoa* n.g. (Papua); *Blumeodendron* n. spp.; *Claoxylon* n. spp. (Papua), *Mallotus* n. spp. (Malaysia), *Coelodepas* n. sp. (Borneo), *Cleidion* n. spp. (Malaysia), *Macaranga* (*ditto*); many of Papua), *Neomphalea* n.g. (Papua), *Homalanthus* n. sp. (Papua).

—, Euphorbiaceae - Phyllanthoideae - Phyllanthaceae (*ibid.* Heft 81, 1922, 1–349, fig. 1–26).—*Actephila*, *Agyneia*, *Andrachne*, *Antidesma*, *Aporosa*, *Baccaurea*, *Bischofia*, *Dicoelia*, *Drypetes*, *Hymenocardia*, *Longetia*, *Richeriella*, *Sauropus*.

—, Euphorbiaceae - Crotonoideae - Acalypheae (*ibid.* Heft 85, 1924, 1–178, fig. 1–3).—*Acalypha*, *Acalyphopsis* n.g. (Celebes).

—, Additamentum VII (*ibid.* Heft 85, 1924, 179–204).—New Mal. spp. in *Claoxylon*, *Macaranga*, and *Pimeleodendron*.

—, Pflanzenfamilien ed. 2, 19c (1931) 1–233, fig. 6–123.

SCHAEFFER, R. H. C. C., Observaciones de quibusdam Euphorbiaceis Archipelagi indici (in MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 4, 1869, 119–127).—List; based on MÜLLER's monogr.; few new spp.

SMITH, J. J., Ic. Bog. 4 (1910) 16–47, t. 306–316.—New spp. of *Antidesma*, *Baccaurea*, *Croton*, *Cyclostemon* and *Glochidion*.

—, Bull. Jard. Bot. Btzg III, 1 (1920) 390–396, t. 38–44.—Misc. new spp.

—, *ibid.* 4 (1922) 235–237, t. 9.—*Ditto*.

—, *ibid.* 6 (1924) 82–107.—*Ditto*.

WHEELER, L. C., The genera of the living Euphorbiaceae (Amer. Midl. Nat. 30, 1943, 456–503).—List of genera and their types.

ZOLLINGER, H., Over de soorten van Rottlera . . . alsmede over eenige verwante geslachten uit de familie der Euphorbiaceae (Acta Soc. Sc. Indo-Neerl. 1, 1856, 1–32).—Redefinition of *Rottlera* (= *Mallotus*); enum. spp. based on coll. in Herb. Hort. Bog.; descr. some new genera under joint authorship with REICHENBACH.

—, Nachtrag zu dem Aufsätze über Rottlera und verwandte Euphorbiaceen (Linnaea 29, 1857, 462–469).—List of spp. of *Mappa*; *Doryxylon* n.g.

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- Asia: CROIZAT, J. Arn. Arb. 21 (1940) 490-510.—Various misc. notes and descr. also incl. Mal. spp.
—, *ibid.* 23 (1942) 29-54.—*Ditto*.
- Sumatra: CROIZAT, J. Arn. Arb. 23 (1942) 54.—New *Trigonostemon*.
MERRILL, Contr. Arn. Arb. 8 (1934) 85-91.—List; new *Endospermum*.
—, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 161-162.—New *Macaranga*.
MOORE, J. Bot. (1925) Suppl. p. 92-105.—List
FORBES coll.; new spp. in *Cleistanthus*, *Glochidion*, *Drypetes*, *Neoscortechinia*, *Gelonium*, *Blumeodendron*; *Clonostylis* n. g.
RIDLEY, J. Fed. Mal. Stat. Mus. 8, 4 (1917) 82-84.—List; new *Homalanthus*.
—, Kew Bull. (1925) 88-90.—New spp. in *Glochidion*, *Macaranga* & *Trigonostemon*.
—, *ibid.* 1 (1926) 80-81.—List; new *Gelonium* and *Trigonostemon*.
- Malay Peninsula: CORNER, Gard. Bull. Str. Settl. 10 (1939) 288-299.—Critical notes on species of various genera.
CROIZAT, Gard. Bull. Str. Settl. 9 (1937) 145-151.—New name for a *Euphorbia*.
GAGE, Kew Bull. (1914) 239-241.—New spp. of *Cleistanthus* & *Phyllanthus*.
—, Rec. Bot. Surv. Ind. 9 (1920) 219-249.—New spp. and records.
—, J. & Proc. As. Soc. Bengal 75 (1936) 469-527.—Good general keys to genera; revisions of *Bridelia*, *Cleistanthus*, *Actephila*, *Andrachne*, *Agyneia*, *Flueggea*.—Continuation of KING & GAMBLE'S 'Materials', but not complete.
HENDERSON, Gard. Bull. Str. Settl. 7 (1933) 121-125, t. 32.—List; new *Sauropus* & *Richeriella*.
RIDLEY, Kew Bull. (1923) 360-369.—New spp., *Actephiliopsis* n. g.
- Java: KOORDERS, Bull. Jard. Bot. Btzg III, 1 (1919) 145-147, t. 9.—Descr. new *Glochidion*.
MEUSE & ADELBERT, in BACKER, Bekn. Fl. Java (em. ed.) 4C (1943) fam. 112, p. 1-134.—Revision, in Dutch; keys.
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SMITH, J. J., in KOORD. & VAL. Bijdr. Booms. Java 12 (1910) 1-782.—Very important contribution.
VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 399.—Record of *Chrozophora*.
- Borneo: DIELS & HACKENBERG, Bot. Jahrb. 60 (1926) 309.—New *Macaranga*.
GAGNEPAIN, Bull. Soc. Bot. Fr. 71 (1924) 621.—New *Dimorphocalyx*.
HUTCHINSON, J. Linn. Soc. Lond. Bot. 42 (1914) 133-186.—List coll. GIBBS; new *Antidesma*.
MERRILL, Philip. J. Sc. 11 (1916) Bot. 54-77.—Many new spp. in various genera; *Moultonianthus* n. g.
—, J. Str. Br. R. As. Soc. no 76 (1917) 89-93.—3 *Antidesmas*, 1 *Ostodes*.
—, Philip. J. Sc. 13 (1918) Bot. 80-84.—3 new *Mallotus*, 1 new *Cleistanthus*.
—, J. Str. Br. R. As. Soc. no 86 (1922) 319-322.—List; new spp. in *Galeria*, *Glochidion*.
—, Philip. J. Sc. 21 (1922) 521-523.—List; new *Aporosa* & *Cyclostemon*.
—, *ibid.* 30 (1926) 80-81.—New *Coelodepas*.
—, Sarawak Mus. J. 3 (1928) 525-526.—List; new *Mallotus* and *Trigonostemon*.
—, Pl. Elm. Born. (1929) 139-166.—List; new spp. in many genera.
PAX & HOFFMANN, Pflanzenreich Heft 63 (1914) 418, 422-423.—New spp. of *Endospermum* & *Excoecaria*.
—, Mitt. Allg. Inst. Bot. Hamburg 7 (1931) 222-230.—List; new sp. in *Antidesma*, *Glochidion*, *Alchornea*, *Macaranga* and *Gelonium*.
STAFF, Trans. Linn. Soc. Lond. II, 4 Bot. (1894) 223-226.—New sp. in *Claoxylon*, *Glochidion*.
- Philippines: ELMER, Leaf. Philip. Bot. 2 (1908) 427-434.—6 *Macarangas*.
—, *ibid.* 3 (1910) 903-931.—List & new spp. from Sibuyan.
—, *ibid.* 4 (1911) 1271-1306.—List; new spp. from Palawan.
—, *ibid.* 9 (1934) 3186-3187.—New *Gelonium*.
—, *ibid.* 10 (1939) 3731-3736.—4 new spp.
MERRILL, Philip. J. Sc. 7 (1912) Bot. 379-410; *ibid.* 9 (1914) 461-493; *ibid.* 11 (1916) Bot. 189-191; *ibid.* 16 (1920) 539-597.—Misc. new spp.; no keys.
—, *ibid.* 26 (1925) 462-466.—New spp. in *Glochidion* and *Phyllanthus*.
—, *ibid.* 27 (1925) 30-31.—New *Gelonium* and *Dimorphocalyx*.
—, *ibid.* 30 (1926) 402-407.—New sp. in *Cleidion*, *Croton*, and 2 in *Phyllanthus*.
QUISUMBING, Philip. J. Sc. 41 (1930) 328-332, fig. 7-8.—2 new *Trigonostemons*.
—, *ibid.* 76 (1944) 42-43.—New *Claoxylon*.
— & MERRILL, *ibid.* 37 (1928) 158-161.—New sp. in *Actephila*, *Antidesma* and *Phyllanthus*.
ROBINSON, Philip. J. Sc. 4 (1909) Bot. 71-105.—Philippine *Phyllanthinae*; keys.
STAFF, in ELMER, Leaf. Philip. Bot. 1 (1907) 206-207.—New *Trigonostemon*.
- Moluccas: MERRILL, Philip. J. Sc. 11 (1916) Bot. 281-285.—Records; new spp. in *Breynia* and *Macaranga*.
- New Guinea: BAILEY, Proc. R. Soc. Queensl. 18 (1903) repr. p. 3-4.—New *Baccaureas*.
CROIZAT, Bull. Bot. Gard. Btzg III, 16 (1940) 351-357.—New *Euphorbia*.
—, J. Arn. Arb. 23 (1942) 369-376.—New *Crotons*.
GAGE, Nova Guinea 12 (1914) 479-486, t. 182-187.—List; new spp. in *Phyllanthus*, *Macaranga*, *Homalanthus*, and *Omphalea*.
HUTCHINSON, in GIBBS, Contr. Fl. Phytog. Arfak Mts (1917) 145, 213-214.—New *Homalanthus* and some records.
MANSFELD, J. Arn. Arb. 10 (1929) 77-79.—New sp. of *Macaranga* & *Aporosa*.
MOORE, J. Bot. (1923) Suppl. 44-49.—List; new *Glochidion*, 2 *Phyllanthus*, *Antidesmas*, *Acalyphas*, *Macarangas*.

- PAX, in FEDDE, Rep. 8 (1910) 325.—New *Phyllanthus*.
 — & HOFFMANN, Pflanzenreich Heft 63 (1914) 419.—New *Omphalea*.
 PERRY, J. Arn. Arb. 34 (1953) 191–257.—Revision *Macaranga*; keys.
 RIDLEY, Trans. Linn. Soc. Lond. II, Bot. 9 (1916) 147–148.—List; 2 new *Macaranga*s.
 SMITH, J. J., Nova Guinea 8 (1910) 221–245, t. 52–60.—Several new *spp.*
 —, *ibid.* 8 (1912) 779–795, t. 130–142.—*Ditto*.
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 —, North Queensl. Natur. 15 (no 84) (1947) 1–2.—Notes on *Phyllanthus* & *Nymania*; one new name.
 WARBURG, Bot. Jahrb. 13 (1891) 347–361.—List; new *spp.* in many genera.
 —, *ibid.* 18 (1893) 196–199.—Descr. of a new genus and of new *spp.* in several genera.
 Fiji: SMITH, A. C., J. Arn. Arb. 33 (1952) 367–402.—Revision of *Antidesma*, *Acalypha* & *Macaranga*.

Genera
Acalypha: NITSCHKE, in MEZ, Bot. Arch. 4 (1923) 277–317, map.—Geogr. distr. & system. of the genus.
Agyneia: VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 410–411.—Distr. *A. bacciformis* in Malaysia.
Aleurites: HEMSLEY, Kew Bull. (1906) 119–121; *ibid.* (1908) 93; *ibid.* (1914) 1–4.—Revisions; new *spp.*; synonym; no key.
 —, in HOOK. Ic. Pl. 29 (1906) t. 2801–2802.—*A. cordata* & *trisperma*.
 LANGERON, M., Le genre *Aleurites* Forst. Systématique—Anatomie—Pharmacologie. Paris (1902) 1–160, fig. 1–52.—Key to 3 *spp.*
Antidesma: MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 1 (1864) 218.—3 new *spp.*
Botryophora: BEUMÉE, Hoe het groeide. Wageningen (1947) 10–12.—Reduction of a Sumatran *Sterculia* to *B.*; ♂ floral morphol.; in Dutch; no new comb.
 AIRY SHAW, Kew Bull. (1948) 484.—Syn. & distr. of the genus and *sp.*
Breynia: CROIZAT, Bull. Bot. Gard. Btzg III, 17 (1942) 211–212.—Nomencl. generic name.
Bridelia: GEHRMANN, Bot. Jahrb. 41 (1908) Beibl. 95, 1–42, fig. 1–3.—Precursor to monogr.; special attention to African *spp.*; general remarks; key to *spp.*
 HAINES, J. Bot. 59 (1921) 188–193.—Critical notes on some Indian *spp.*
Chondrostylis: BOERLAGE, Ic. Bog. 1 (1897) 71–72, t. 23.
 KOORDERS, Ann. Jard. Bot. Btzg 19 (1904) 45–56, t. 4–5.—Descr.; morph.; anat.; taxon. position.
Chrozophora: PRAIN, Kew Bull. (1918) 49–120.—Monogr.; key.
Claoxylon (Erythrococca, Micrococca): PRAIN, Ann. Bot. 25² (1911) 575–638.—*Erythrococca* & *Micrococca* segregated as separate genera; keys.
Cleistanthus (Paracleisthus): CROIZAT, J. Arn. Arb. 23 (1942) 38–41.—Reduction; new *spp.* and recomb. from SE. Asia.
 GAGNEPAIN, Bull. Soc. Bot. Fr. 70 (1923) 497–502.—Disc. of *Paracleisthus*; delimit.; 3 new *sp.*
Coelodepas: CROIZAT, J. Arn. Arb. 23 (1942) 29.—*Calpigyne auct.* = *Coelodepas* HASSK. (*Nephrostylus* GAGN.)
Coelodiscus: PAX, in FEDDE, Rep. 8 (1910) 481–482.—Two new Pap. *spp.*
Daphniphyllum. See *Daphniphyllaceae*.
Dicoelia: CROIZAT, J. Arn. Arb. 23 (1942) 38.—Some critical notes.
Dimorphocalyx: WHITE, Proc. R. Soc. Queensl. 47 (1935) 80 (1936).—Descr. 1st Austr.
Elaeogene = *Vatica (Dipterocarpaceae)*, cf. HAL-LIER f., Med. Rijksherb. Leiden no 36 (1918) 4.
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Euphorbia: KENG, Quart. J. Taiw. Mus. 4 (1951) 253–260, fig. 1–2.—Revision; key.
 SEDGWICK, J. Bombay Nat. Hist. Soc. 26 (1919) 599–600.—*E. rothiana* reduced to *E. laeta*; *E. oreophila* restored for the mountain *sp.*
 SHERFF, Ann. Missouri Bot. Gard. 25 (1937) 1–94, t. 2–11.—Revision Hawaiian *spp.*; keys.
 WHITE, A., R. A. DYER & B. L. SLOANE, The succulent Euphorbieae (Southern Africa). Pasadena, Cal. (1941) 2 vol., xiv + 990 + 11 pp., 1102 fig., 26 col. pl.—Descr.; key to the *spp.*
 WHITE, C. T., Proc. R. Soc. Queensl. 53 (1942) 227.—Record of *Euph. plumerioides* from Thursday Isl.
Glochidion: ALSTON, Ann. R. Bot. Gard. Peradeniya 11 (1928) 1–10, t. 1.—Revision & key to Ceylon *spp.*
 MUELLER-ARG., Flora 48 (1865) 369–380, 385–391.—Brief revision; partial keys.
Hevea: DUCKE, Arch. Jard. Bot. Rio de Janeiro 5 (1930) 147–157.—Key; synopsis.
 —, *ibid.* 6 (1933) 49–57.—List.
 —, Arq. Inst. Biol. Veget. (Rio de Janeiro) 2 (1935) 217–246, t. 1–3.—Revision of mainly Brazilian *spp.*; key.
 —, Arq. Serv. Florestal, Rio de Jan. 2¹ (1943) 25–49.—Discussion of some *spp.*; hybridization; no key.
 HUBER, Bol. Mus. Goeld. 4 (1905) 620–651.—Synopsis; partial key; in Portuguese.
 —, *ibid.* 7 (1913?) 199–281, map.—New contrib.; new *spp.*; partly in German, partly in Portug.; descr. in Latin.
Jatropha: McVAUGH, Bull. Torr. Bot. Club 72 (1945) 271–294, fig. 1–24.—Rev. Amer. *sp.*; keys.
 WILBUR, J. Elisha Mitchell Sc. Soc. 70 (1954) 92–101.—Synopsis & *Eucurcas*; key to *spp.*

Lophopyxis: HOLTHUIS & LAM, *Blumea* 5 (1942) 205-208, fig. 7.—Synon. & distr.

Macaranga: BAKER, *Gard. Bull. Str. Settl.* 8 (1934) 63-68, t. 11-15.—*Biol. of Macaranga spp.* in relation to ants.

PERRY, *J. Arn. Arb.* 34 (1953) 191-257.—Full rev. of 60 Pap. *spp.* incl. some of adjacent islands; keys!

Mallotus (Aconceveibum): MERRILL & VAN STEENIS, *Webbia* 8 (1952) 405-406.—Reduction.

Megistostigma (Clavistylus): VAN STEENIS, *Bull. Jard. Bot. Btzig III*, 12 (1932) 174, 201-204, fig. 6, 10.—Full descr. of *C. peltatus*.

Melanolepis: GAGNEPAIN, *Bull. Soc. Bot. Fr.* 71 (1924) 1026-1027.—2nd sp. of the genus.

Moultonianthus: MERRILL, *Philip. J. Sc.* 11 (1916) Bot. 70-71.—Type descr.

VAN STEENIS, *Bull. Bot. Gard. Btzig III*, 17 (1948) 405.—New comb.

Neoscortechinia (Alcinaeanthus, Scortechinia) HOOK. f. non SACC.): MERRILL, *Philip. J. Sc.* 11 (1916) Bot. 75-76.—Census of the genus.

—, *Pl. Elm. Born.* (1929) 164-165.—Critical note on identity of *Alcinaeanthus*.

Phyllanthodendron (Phyllanthus §, etc.): CROIZAT, *J. Arn. Arb.* 23 (1942) 32-38.—Revision; key to subdivision; no key to *spp.*; recomb.

Phyllanthus § Nymania (Leichhardtia, Nymania, Phyllanthus § Leichhardtia): DIELS, *Notizbl. Berl.-Dahlem* 11 (1931) 308-311.—Revision; key.

SMITH, L. B., *North Queensl. Natur.* 15 (1947) 1-2.—Nomencl.; addit. descr.

VAN STEENIS, *Bull. Bot. Gard. Btzig III*, 17 (1948) 460.—Nomencl.

Pimeleodendron: SMITH, J. J., *Bull. Jard. Bot. Btzig III*, 6 (1924) 100-107.—Census; descr. new *spp.*; no key.

Ptychopyxis (Calpigny, Podadenia): CROIZAT, *J. Arn. Arb.* 23 (1942) 47-50.—Critical notes; *Calpigny* is regarded as a *nomen confusum*; new subdiv.; no key.

Sauropus (Breyaniopsis): CROIZAT, *J. Arn. Arb.* 21 (1940) 494-496.—*Breyaniopsis* is reduced.

—, *Bull. Bot. Gard. Btzig III*, 17 (1941) 209-211.—Proposed conserv. against *Arachne*.

Sebastiana: VAN STEENIS, *Bull. Bot. Gard. Btzig III*, 17 (1948) 409-410.—Key to some W. Mal. *spp.*

Suregada (Gelonium ROXB. non GAERTN.): CROIZAT, *Bull. Jard. Bot. Btzig III*, 17 (1942) 212-217.—Reduction; all recombinations.

MERRILL, *J. Arn. Arb.* 32 (1951) 79-81.—Addit. critical remarks on the above; some *spp.* removed to other families.

Trigonopleura (Peniculifera): SYMINGTON, *Kew Bull.* (1937) 319.—Reduction.

Trigonostemon: VAN STEENIS, *Fl. Mal. Bull.* 3 (1948) 74-75.—Proposed conserv. against *Enchidium*.

Trisyngyne = *Nothofagus (Fagaceae)*

EUPOMATIACEAE

DIELS, L., Die verwandtschaftlichen Beziehungen von Eupomatia (*Bot. Jahrb.* 48, Beibl. 107, 1912, 11-13).

Local

New Guinea: DIELS, *Bot. Jahrb.* 49 (1912) 165.—Under *Annonaceae*.

WHITE, *J. Arn. Arb.* 10 (1929) 213.

FAGACEAE

(Castaneaceae, Cupuliferae)

BARNETT, E. C., Keys to the groups of *Quercus*, *Lithocarpus*, and *Castanopsis* of Eastern Asia with notes to their distribution (*Trans. & Proc. Bot. Soc. Edinb.* 34, 1944, 159-204).—List; keys to genera, sections, and species groups.

HJELMQVIST, H., Studies on the floral morphology and phylogeny of the Amentiferae (*Bot. Notiser* 1948, Suppl. vol. 2, no 1, p. 1-171, fig. 1-58).

KOIDZUMI, G., On the classification of *Castaneaceae* (*Bot. Mag. Tokyo* 30, 1916, 92-103, 185-215).—Complete enum.; for *Lithocarpus* the name *Synaedrys* is introduced; otherwise no new comb.

LENDNER, A., Sur la cupule des Fagacées (*Bull. Soc. Bot. Genève* II, 8, 1916, 161-166, 2 fig.).

MIQUEL, F. A. W., *Plant. Jungh.* (1851) 8-14.—List *Quercus*; descr. *Callaeocarpus* (= *Castanopsis*).

—, Adnotationes de Cupuliferis (*Ann. Mus. Bot. Lugd.-Bat.* 1, 1863, 102-121, 221).—Enum.; descr.

PRANTL, K., Beiträge zur Kenntnis der Cupuliferen (*Bot. Jahrb.* 8, 1887, 321-336).—General discussion morph.

SCHWARZ, O., Entwurf zu einem natürlichen System der Cupuliferen und der Gattung *Quercus* L. (*Notizbl. Berl.-Dahlem* 13, 1936, 1-22).—System of the family; subdiv. *Quercus*; keys to these subdivisions and segregates!

SEEMEN, A. VON, Cupuliferen in dem Herbar zu Buitenzorg (*Bull. Dép. Agric. Ind. Néerl.* no 1, 1906, 1-14).—List *spp.* in Herb. Bog., some new.

Local

Formosa: LI, *Bull. Torr. Bot. Club* 80 (1953) 317-324.—Taxon. notes.

Siam: BARNETT, *Kew Bull.* (1938) 98-106.—Descr. new *spp. Quercus* and *Castanopsis*.

—, *Trans. & Proc. Bot. Soc. Edinb.* 33 (1942) 327-343.—Revision; no descr.; keys to genera & *spp.*!

Sumatra: MERRILL, *Pap. Mich. Acad. Sc. Arts & Lett.* 19 (1934) 152-153.—New *Castanopsis*.

—, *Contr. Arn. Arb.* 8 (1934) 42-44.—List *Quercus*.

—, *J. Arn. Arb.* 33 (1952) 241-242.—Interpr. 2 *spp.* of JACK.

SCHAEFFER, *Nat. Tijd. Ned. Ind.* 31 (1870) 359-363; *ibid.* 32 (1873) 415-417.—New records and *spp.* of *Quercus* and *Castanopsis* from Banka.

Malay Peninsula: CAMUS, *Bull. Mus. Hist. Nat. Paris* II, 4 (1932) 912-914.—New *Quercus spp.* from the Mal. Pen.

—, *Bull. Soc. Bot. Fr.* 80 (1933) 353-355.—New *Quercus*; also from SE. Asia.

—, *Bull. Mus. Hist. Nat. Paris* II, 5 (1933) 88-89.—New *Quercus*.

- , *ibid.* II, 6 (1934) 92–94.—New *Quercus* & *Castanopsis*.
 —, Bull. Soc. Bot. Fr. 94 (1947) 4–5.—New *spp.* of *Castanopsis* and *Quercus*.
 CORNER, Gard. Bull. Str. Settl. 10 (1939) 279–280.—Synon. *Quercus lappacea*; critics on subdivision of *Quercus*.
 GAMBLE, Kew Bull. (1914) 177–181.—Descr. new *spp.* *Quercus* & *Castanopsis*.
 HENDERSON, Gard. Bull. Str. Settl. 5 (1930) 76–78, 1 fig.—New *Pasania*.
Borneo: CAMUS, Bull. Soc. Bot. Fr. 75 (1928) 698.—New *Castanopsis*.
 SCHOTTKEY, Bot. Jahrb. 49 (1913) 356–359.—Records coll. WINKLER; 2 new *Pasania*s and 2 new *Castanopsis*.
 WARBURG, Kew Bull. (1936) 19–21.—3 new *Castanopsis* from Sarawak.
Java: BLUME, Verh. Bat. Gen. K. & W. 9 (1823) 205–221, 6 pl.—Descr. *Quercus*.
 JUNGHUHN, Nat. Tijds. Ned. Ind. 15 (1858) 119–123.—Descr. *Quercus*.
 KOORDERS, Teysmannia 11 (1900) 133–138.—In Dutch; key to *Castanopsis*.
 — & VALETON, Bijdr. Booms. Java 10 (1904) 1–65.
 MIQUEL, Plant. Jungh. (1851) 8–13.—List; some new *spp.*
 OUDEMANS, in MIQUEL, J. de Bot. (1861) 244–249.—Prelim. note *Quercus* coll. JUNGHUHN.
Celebes: KOORDERS, Suppl. Flora N. O. Celebes 2 (1922) t. 2; *ibid.* 3 (1922) 1.—New *Quercus*.
Philippines: CAMUS, Bull. Soc. Bot. Fr. 81 (1934) 816.—New *Quercus*.
 ELMER, Leaf. Philip. Bot. 3 (1910) 933–946.—Account of *Quercus* & *Castanopsis* on Mt Apo; some new *spp.*
 —, *ibid.* 6 (1913) 1981–1986.—*Quercus* from Mt Urdaneta; some new *spp.*
 —, *ibid.* 9 (1934) 3188–3189.—New *Quercus* from Mt Pinatubo.
 —, *ibid.* 10 (1939) 3736–3738.—New *Quercus* from Mt Bulusan.
 MERRILL, Philip. J. Sc. 3 (1908) Bot. 317–330.—Revision of *Fagac.*; keys!
 —, *ibid.* 21 (1922) 516–517.—A *Quercus* § *Pasania*.
 —, *ibid.* 29 (1926) 362–363.—New *Castanopsis*.
 —, *ibid.* 29 (1926) 476–477.—New *Quercus* § *Pasania*.
 —, *ibid.* 30 (1926) 79–80.—New *Castanopsis*.
 —, *ibid.* 35 (1928) 6.—New name in *Quercus*.
 VON SEEMEN, in FEDDE, Rep. 5 (1908) 21.—New *Quercus*.
New Guinea: BAILEY, Queensl. Agric. J. 22 (1908) 149.—New *Castanopsis*.
 MARKGRAF, Bot. Jahrb. 59 (1924) 61–79, 4 fig.; *ibid.* (1925) 538–539.—Revision.
 VAN STEENIS, Blumea 7 (1952) 146–147, 306.—Diagn. new *Nothofagus*.
 —, J. Arn. Arb. 34 (1953) 301–374, fig. 1–23.—Revision *Nothofagus*; keys!
 —, *ibid.* 35 (1954) 266–267, 1 fig.—Add. note *Nothofagus*.
 WHITE & FRANCIS, Proc. R. Soc. Queensl. 38 (1927) 227.—List of records coll. LANE-POOLE.
- Genera*
- Castanopsis:** DEN BERGER, Hand. 4e Ned. Ind. Natuurw. Congr. (Weltevreden) (1926) 402.—*Quercus acuminatissima* is a *Castanopsis* as to wood-anat.
 BLUME, Mus. Bot. Lugd.-Bat. 1 (1850) 282–286.—List.
 CAMUS, A., Les châtaigniers. Monographie des genres *Castanea* et *Castanopsis* (Encycl. Écon. Sylv. 3, 1929, 1–604, t. 1–24, maps 1–4; Atlas (folio) (1929) t. 1–76, I–XXXIV).—Monogr.; keys.
 KING, Ann. R. Bot. Gard. Calc. 2 (1889) 17–18, 93–107, t. 83–103.—Revision Indo-Mal. *spp.*; key.
 LITTLE, Phytologia 3 (1949) 81–82.—Prop. conserv. *Castanopsis*.
 MIQUEL, Pl. Jungh. (1851) 13–14.
 REHDER, J. Arn. Arb. 1 (1919) 121–122.—New comb. Malaysian *spp.*
Nothofagus: CAMUS, Rev. Int. Bot. Appl. & Agric. Col. 31 (1951) 71–84, pl. 4 (1952).—Survey; (incomplete and wrong) key!
 LANGDON, Bot. Gazette 108 (1947) 350–371, 37 fig.—Compar. morphol.
 DU RIETZ, Svensk Bot. Tidskr. 24 (1930) 504–510.—Domatia in New Zeal. *spp.*
 VAN STEENIS, Taxon 2 (1953) 177.—Proposal for conservation.
 —, J. Arn. Arb. 34 (1953) 301–374, fig. 1–23.—Revision of the genus; keys!
 —, *ibid.* 35 (1954) 266–267, fig. 1.—Reduction of *Trisyngne* BAILL. (New Caledonia); notes on some S. Amer. & Papuan *spp.*
Quercus s. l. (Lithocarpus, Pasania, etc.): BLUME, Mus. Bot. Lugd.-Bat. 1 (1850) 287–288.—List of some *spp.*
 CAMUS, A., Les chênes. Monographie du genre *Quercus* sous-genre *Cyclobalanopsis* et *Euquercus* (sect. *Cerris* & *Mesobalanus*) (Encycl. Écon. Sylv. 7, 1936–1938, 1–686, fig. 1–35; Atlas (1934) 1–93, t. 1–178, I–XXX).—Monograph; keys.
 —, *ditto*, sous-genre *Euquercus* sect. *Lepidobalanus* et *Macrobalanus* (*ibid.* 7, 1938–1939, 1–830, fig. 1–59; Atlas (folio) 1935–1936, 1–177, t. 79–236, XXXI–LVIII).—*Ditto*. Not more seen.
 DE CANDOLLE, Ann. Sc. Nat. Bot. IV, 18 (1862) 49–58.—New subdiv. *Quercus*. Cf. also J. Bot. 1 (1863) 134–142.
 HANCE, J. Bot. 1 (1863) 173–183.—On generic delimitation in *Quercus* and other *Fagaceae*.
 —, *ibid.* 12 (1874) 240–243.—Some new Mal. *spp.* of *Quercus*.
 KING, Ann. R. Bot. Gard. Calc. 2 (1889) 17–92, t. 15–82, 104.—Revision Indo-Mal. *spp.*; keys!
 KORTHALS, in TEMMINCK, Verh. Nat. Gesch., Botanie (1842–44) 195–217, t. 43–47.—Descr.
 MULLER, U. S. Dep. Agric. Misc. Publ. 477 (1942) 1–216, t. 1–124.—Revision Central Amer. *spp.*; key!
 —, Chron. Bot. 7 (1942) 12–14.—Discussion infrageneric subdiv.
 OUDEMANS, Annotationes criticae in Cupuliferas nonnullas javanicas (Nat. Verh. Kon. Akad. 11,

1865, repr. 1-24).—Descr. some new *spp.*; revision; key to Mal. *spp.*

REHDER, J. Arn. Arb. 1 (1919) 122-136.—New comb. in *Lithocarpus* and *Quercus*, several from Malaysia.

—, *ibid.* 10 (1929) 132-134.—A number of transfers of Mal. *Quercus* to *Lithocarpus*.

SCHWARZ, Notizbl. Berl.-Dahlem 13 (1936) 1-22.—Segregates of *Quercus s. l.* and other subdivisions; keys to these.

VON SEEMEN, Bot. Jahrb. 27 (1900) Beibl. 64, p. 11-18.—Various descr. of *spp.* from Java, Borneo, Celebes, etc. herb. KOORDERS and cult. in Hort. Bog.

TROLL, Ber. Deut. Bot. Ges. 44 (1926) 290-295.—Morph. ♀ inflo. in *Quercus*.

TRELESA, Mem. Nat. Acad. Sc. 20 (1924) 1-255, t. 1-420.—Revision American *Quercus*; keys!

WENZIG, Jahrb. Bot. Gart. Berlin 3 (1884) 175-219.—List American *spp.*; no key.

—, *ibid.* 4 (1886) 179-213.—*Quercus* in Europe, N. Africa & Orient.

—, *ibid.* 4 (1886) 214-240.—Enum. Asiat. & Mal. *spp.*; no keys!

FICOIDACEAE

See *Aizoaceae*

FLACOURTIACEAE

(*Samydaceae*, *Bixaceae pro parte*)

BENTHAM, G., Notes on Bixaceae and Samydaceae (J. & Proc. Linn. Soc. Lond. 5, 1861, 2nd Suppl., 75-94).—Struct. of fam.; delimitation of genera and descr. new *spp.*; no keys.

CLOS, D., Révision des genres et des espèces appartenant à la famille des Flacourtiacées (Ann. Sc. Nat. IV, 8, 1857, 209-274).—Revision; keys to *spp.*; contains also several genera now assigned to different families.

GILG, E., Pflanzenfamilien ed. 2, 21 (1925) 377-457, fig. 163-212.

SLEUMER, H., New Malaysian Flacourtiaceae (Blumea 7, 1954, 484-497).—Descr. new *spp.* and a new gen.; precursor to next revision.

—, Fl. Afric. I, 5 (1954) 1-106, fig. 1-37.

SLOOTEN, D. F. VAN, Bijdrage tot de kennis der Combretaceën en Flacourtiaceën van Nederlandsch-Indië. Thesis, Utrecht (1919) 57-175.—Keys.

—, Bull. Jard. Bot. Btzg III, 7 (1925) 291-421.—New revision; keys.

Local

Sumatra: BAKER f., J. Bot. (1924-25) Suppl. 6, 42-43, 142-143.—List FORBES coll.; new var. in *Hydnocarpus*; n. sp. in *Casearia*.

MERRILL, Philip. J. Sc. 14 (1919) 246-247.—New *Osmelia*.

—, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 174-175.—New *Casearia*; redescr. of a *Hydnocarpus*.

Malay Peninsula: BUNTING & MILSUM, Kew Bull. (1927) 49-56, 3 fig., t. 8.—Cultivation data on *Hydnocarpus* & *Taraktogenos* in the F.M.S.

Borneo: MERRILL, Philip. J. Sc. 11 (1916) Bot. 92-100.—New records and new *spp.*

—, J. Str. Br. R. As. Soc. no 86 (1922) 332-333.—New *Taraktogenos* and *Casearia*.

—, Plant. Elm. Born. (1929) 207-210.—List ELMER coll.; 2 new *Hydnocarpus*.

RIDLEY, in HOOK. Ic. Pl. V, 2 (1932) t. 3167.—New *Taraktogenos*.

—, J. Bot. 74 (1936) 221-225.—Descr. new *spp.* of *Flacourtia*, *Ryparosa*, and *Xylosma*.

—, Kew Bull. (1938) 110-112.—Descr. new *spp.*

AIRY SHAW, Kew Bull. (1949) 157-158.—2 records and a new *Hydnocarpus*.

Philippines: DE CANDOLLE, Philip. J. Sc. 11 (1916) Bot. 37-38.—New *Hydnocarpus*.

ELMER, Leaflet. Philip. Bot. 9 (1934) 3189-3190.—New *Casearia*.

—, *ibid.* 10 (1939) 3738-3739.—New *Casearia*.

MERRILL, Philip. J. Sc. 27 (1925) 37-39.—2 new *Homaliums*.

—, *ibid.* 30 (1926) 411-413.—New *Casearia*.

— & QUISUMBING, *ibid.* 82 (1953) 330.—New *Hydnocarpus* and *Casearia*; syn. *Flacourtia jangomas*.

QUISUMBING, Philip. J. Sc. 76 (1944) 54-55.—New *Casearia*.

— & MERRILL, *ibid.* 37 (1928) 171-172.—*Ditto*.

New Guinea: BAKER f., J. Bot. (1923) 22.—New *Casearia*.

GILG, Bot. Jahrb. 55 (1918) 273-294.—Revision; keys.

MILDBRAED, see sub *Ryparosa*.

PULLE, Nova Guinea 8 (1912) 671-672.—List; new *Flacourtia* & *Hydnocarpus*.

VAN SLOOTEN, Nova Guinea 14 (1927) 190-194.—List.

Genera

Erythrospermum: VON TIEGHEM, in MOROT, J. de Bot. 14 (1900) 125-129.—Proposed as type of a new family.

Flacourtia: GAGNEPAIN, in MOROT, J. de Bot. 21 (1908) 168-173.—Revision & key.

RIDLEY, J. Bot. 74 (1936) 221-224.—Critical notes on Mal. *spp.*; new sp. from Borneo and Assam.

Homalium: BENTHAM, J. Linn. Soc. Lond. Bot. 4 (1860) 31-38.—Revision; no key.

Hydnocarpus (*Taraktogenos*): SLEUMER, Bot. Jahrb. 69 (1938) 1-93.—Monograph; key.

Itoa (*Mesaulosperma*): SLEUMER, Notizbl. Berl.-Dahlem 11 (1934) 1024-1026.

Ryparosa (*Gertrudia*): MILDBRAED, Notizbl. Berl.-Dahlem 10 (1928) 338-340.—New Guinea; reduction.

Scolopia: GAGNEPAIN, in MOROT, J. de Bot. 21 (1908) 164-168.—Revision; key.

Xylosma: SLEUMER, Notizbl. Berl.-Dahlem 14 (1938) 288-297.—Mal.-Pac. *spp.*

FLAGELLARIACEAE

BACKER, C. A., Fl. Mal. I, 4 (1951) 245-250, fig. 1-2.

ENGLER, A., Pflanzenfamilien ed. 2, 15a (1930) 6-8, fig. 1.

Local

Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 18.
—Record of *Joinvillea*.

Malay Peninsula: RIDLEY, J. Str. Br. R. As. Soc. no 44 (1905) 199–200.—New *Joinvillea*.

Java: BACKER, Handb. Fl. Java 3 (1924) 2–3.—Key; in Dutch.

BAKHUIZEN VAN DEN BRINK Jr, Blumea 6 (1950) 399.—Comb. nov. of a var.

New Guinea: KRAUSE, Bot. Jahrb. 59 (1925) 544–546.—List.

—, Nova Guinea 14 (1927) 180.—Records.

LAUTERBACH, Bot. Jahrb. 50 (1913) 288–289.—Key.

Genera

Hanguana (*Susum*, *Veratronia*): ERDTMANN, Rapp. & Commun. 8e Congr. Int. Bot. Sect. 2–6 (1954) 33.—Pollen & epidermal structure are in favour of removing this genus to *Liliaceae*.

KURZ, Flora 56 (1873) 224.—Revision; reduction of genera.

—, J. As. Soc. Bengal 44, ii (1875) 199.—Addit. note.

Joinvillea: BRONGNIART & GRIS, Bull. Soc. Bot. Fr. 8 (1861) 268–269.—Survey; no key.

FUMARIACEAE

FEDDE, F., Pflanzenfamilien ed. 2, 17b (1936) 140–145, fig. 75–76.

HUTCHINSON, J., The genera of Fumariaceae and their distribution (Kew Bull. 1921, 97–115).—Key.

Local

Java: BACKER, Bekn. Fl. Java (em. ed.) 4 A (1942) fam. 42.—Keys; in Dutch.

Genera

Fumaria: PUGSLEY, J. Linn. Soc. Lond. Bot. 44 (1919) 233–355, t. 9–13.—Revision; partial keys.

GENTIANACEAE

GRISEBACH, A. H. R., Genera & species Gentianearum, etc. (1839) 1–364.—Monograph; keys.

KNOBLAUCH, E., Beiträge zur Kenntnis der Gentianaceae (Bot. Centralbl. 60, 1894, 321–334, 353–363, 385–401).—Notes on genera & spp.

STEENIS, C. G. G. J. VAN, Bull. Jard. Bot. Btzg III, 13 (1934) 208–209.—List Mal. *Crawfurdia*, *Gentiana*, *Swertia*.

Local

China: FRANCHET, Bull. Soc. Bot. Fr. 46 (1899) 302–324.—List, with new spp.; no key.

India: CLARKE, J. Linn. Soc. Lond. Bot. 14 (1875) 423–457.—Revision; concise descr.; partial keys.

Sumatra: BACKER, Bull. Jard. Bot. Btzg III, 2 (1920) 326–328.—New *Gentiana*.

MERRILL, Contr. Arn. Arb. 8 (1934) 138–139.—Record of *Crawfurdia*.

—, Not. Nat. Acad. Nat. Sc. Philad. no 47 (1940) 7–2 new *Gentianas*.

MOORE, J. Bot. (1925) Suppl. 70–71.—List; new *Gentiana* & *Limnanthemum*.

RIDLEY, J. Fed. Mal. Stat. Mus. 8, 4 (1917) 58.—New *Gentiana*.

—, Kew Bull. (1939) 29–31.—New *Gentiana*.

Malay Peninsula: HENDERSON, J. Mal. Br. R. As. Soc. no 17 (1939) 58.—List limestone spp.

Java: RIDLEY, Kew Bull. (1939) 29–31.—Record of 2nd *Gentiana* from Java.

Borneo: MERRILL, Philip. J. Sc. 13 (1918) Bot. 120.—New *Gentiana*.

STAPP, Trans. Linn. Soc. Lond. II, 4 Bot. (1894) 208–209.—New *Gentiana*.

Philippines: ELMER, Leaf. Philip. Bot. 10 (1939) 3739–3740.—New *Microphium*.

ROBINSON, Philip. J. Sc. 3 (1908) Bot. 214.—New *Swertia*.

VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 409.—New record of a *Gentiana*.

New Guinea: DIELS, Bot. Jahrb. 62 (1929) 488–489.—New *Swertia*.

HEMSLEY, Kew Bull. (1899) 106–107.—Record and 2 new *Gentianas*.

KOORDERS, Nova Guinea 8 (1909) 175–176.—List; new *Gentiana*.

—, *ibid.* 8 (1912) 889–890.—Records.

MANSFELD, Bot. Jahrb. 61 (1927) 28–29.—List. MERRILL & PERRY, J. Arn. Arb. 30 (1949) 45.—Records of 2 spp. of *Nymphoides*.

WERNHAM, Trans. Linn. Soc. Lond. II, Bot. 9 (1916) 117–118.—4 new *Gentianas*.

Genera

Cotylanthera: FIGDOR, Ann. Jard. Bot. Btzg 14 (1897) 213–240, t. 16–17.—Morph.

Exacum: HALLIER f., Beih. Bot. Centralbl. 34, ii (1916) 42–43.—Mal. *E. 'tetragonum'* is a separate sp.

NAUEN, M. A. H. A. Mag. 10 (1940) 152.—Cult. spp.

VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 462.—Syn. *Paracelsea* Z. & M. 1844.

Gentiana (*Crawfurdia*): KUSNEZOW, Act. Hort. Petrop. 15 (1904) i–iv, 1–507, 4 maps, 1 tab.—Monograph of subgen. *Eugentiana*; key to sect. and spp.; ± verbatim German translation of a Russian edition dated 1894.

MARQUAND, Kew Bull. (1931) 68–70.—*Crawfurdia p. maj. p.* is reduced to *Gentiana*.

—, J. R. Hort. Soc. 57 (1932) 188–211.—Rev. Chin. & Himal. sect.; descr.; keys to spp.

—, Kew Bull. (1937) 134–180.—Revision of Chin. spp.; keys.

Nymphoides (*Limnanthemum*): GOEBEL, Ann. Jard. Bot. Btzg 9 (1891) 120–126, t. 16.—Morph.

MIKI, Tokyo Bot. Mag. 49 (1935) 779–780, fig. 10.—Rev. Japan. spp.; key.

VAN STEENIS, Arch. Hydrobiol. Suppl. 3 (1932) 320–322, fig. 6.—Records of Sumatra; details on 3 spp.

GERANIACEAE

KNUTH, R., Pflanzenreich Heft 53 (1912) 1–640, fig. 1–80.

—, Pflanzenfamilien ed. 2, 19a (1931) 43–66, fig. 20–34.

STEENIS, C. G. G. J. VAN, Bull. Jard. Bot. Btzg III, 13 (1934) 209–210.—List Mal. mountain spp.

Local

New Guinea: KNUTH, in FEDDE, Rep. 45 (1938) 61-62.—Two new *Geraniums*.

GESNERIACEAE

(Cyrtandraceae)

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- Leptaspis**: JANSEN, Reinwardtia 2 (1953) 302-305.—Rev. Mal. *spp.*; key.
- Lophatherum**: CAMUS, Bull. Mus. Hist. Nat. Paris 25 (1919) 494-496.—Key.
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- Mnesithea**: JANSEN, Reinwardtia 2 (1953) 307-309.—Rev. & key to Mal. *spp.*
- Monostachya**: MERRILL, Philip. J. Sc. 5 (1910) Bot. 330-332.—Orig. descr.
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- Polytoca**: HENRARD, Meded. Rijksherb. Leiden no 67 (1931) 7-13.—Key.
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- Ramosia**: MERRILL, Philip. J. Sc. 11 (1916) Bot. 2-4.
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 —, *ibid.* 8 (1913) Bot. 203-206.—Additions; no key.
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 New Guinea: CAMUS, J. Arn. Arb. 9 (1928) 144-145.—New *spp.*
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 MERRILL, Philip. J. Sc. 3 (1908) Bot. 359-368.—Philip. *Garcinia*; key.
 —, Philip. J. Sc. 26 (1925) 472-475; 27 (1925) 37.—New *Garcinias*.
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 LAUTERBACH, Nova Guinea 8 (1910) 309-312.—Records; new *Garcinias*.
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Genera

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Sycopsis: WALKER, J. Arn. Arb. 25 (1944) 335-341.—Revision with key; first record in New Guinea!

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—, Notes on Old World Hippocrateaceae (Amer. J. Bot. 28, 1941, 438-443).—*Loeseneriella*, *Pristimera*, *Salacia*, *Salacicratea*, and *Dicarpellum*; many new comb.

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Pristimera: SMITH, A. C., J. Arn. Arb. 26 (1945) 175-179.

Salaciratea: HARMS, Notizbl. Berl.-Dahlem 15 (1942) 676-677.—New *spp.* from N. Guinea & Celebes.

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—Notes on trop. Afr. *spp.* of *Boottia* & *Ottelia*.

MERRILL & METCALF, Lingn. Sc. J. 17 (1938) 567-570.—New Chin. *sp.*

Echinodorus (*Ranalisma*): VAN STEENIS, Arch. f. Hydrobiol. Suppl. 9 (1932) 240, footnote 3.—Nomencl.

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Ottelia (*Boottia*, *Oligolobos*): DANDY, J. Bot. 72 (1934) 132-139.—Revision; list of *spp.*; no key; *Boottia* reduced.

—, *ibid.* 73 (1935) 209-217, fig. 1.—*Ottelia* in China; key.

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CHOISY, J., Description des Hydroléacées (Mém. Soc. Phys. & Hist. Nat. Genève 6, 1833, 95-122, t. 1-3).—Revision; descr.; no key.

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BRAND, A., Pflanzenreich Heft 59 (1913) 1-210, fig. 1-39.

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Genera

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Nemophila: CONSTANCE, Univ. Calif. Publ. Bot. 19 (1941) 341-398.—Rev.; key.

Phacelia: HOWELL, Proc. Cal. Ac. Sc. IV, 25(1944) 357-376.—Revision sect. *Militizia*; key.

HYPERICACEAE

See Guttiferae

HYPOXIDACEAE

See Amaryllidaceae

ICACINACEAE

(Piperitygiaceae)

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- BECCARI, O., *Malesia* 1 (1877) 105-134, t. 3-8, (1878) 255-256, (1883) 257.—Complete list of *Mal. spp.* with descr. of new *spp.*
- HOWARD, R. A., *Studies of the Icacinaceae*. Preliminary taxonomic notes (*J. Arn. Arb.* 21, 1940, 461-488).—Crit. notes; key to genera.
- , *Studies of the Icacinaceae* II (*ibid.* 23, 1942, 55-78).—Mostly extra-Mal. genera.
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- SLEUMER, H., *Beiträge zur Kenntnis der Icacinaceen und Peripterygiaceen* (*Notizbl. Berl.-Dahlem* 15, 1940, 228-257).
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- Borneo: MERRILL, J. Str. Br. R. As. Soc. *no* 86 (1922) 325-326.—New *Phytocrene*.
- STAPP, *Kew Bull.* (1906) 71-72.—New *spp.*
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 —, Kew Bull. (1925) 81-82.—Bencoolen records.
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HENDERSON, J. Fed. Mal. Stat. Mus. 13 (1927) 219.
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SCHWARTZ, Mitt. Inst. Allg. Bot. Hamb. 7 (1931) 237-257.—Many new spp.
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Philippines: ELMER, Leaf. Philip. Bot. 4 (1911) 1191-1230.
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 — & QUISUMBING, *ibid.* 37 (1928) 177-185.—New spp.: *Eisocreoichiton* n.g.
Moluccas: HOLTHUIS & LAM, Blumea 5 (1942) 219-221.—List Talaud & Morotai.
MERRILL, Philip. J. Sc. 11 (1916) Bot. 298-299.—Some Ambon records; one new *Dissochaeta*.
New Guinea: MANSFELD, Nova Guinea 14 (1927) 199-207.
 —, Bot. Jahrb. 60 (1925) 105-143.—Rev.; keys.
MARKGRAF, Brittonia 2 (1936) 141-144.—Some new spp.
MERRILL & PERRY, J. Arn. Arb. 24 (1943) 422-439.

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OHWI, Bot. Mag. Tokyo 57 (1943) 1-20.—List KANEHIRA coll.; many new *spp.*

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Blastus: SPARE, Kew Bull. (1929) 317-319.—Rev.; key.
Creochiton: WAGNER, Sitz. Ber. Kais. Akad. Wiss. Wien Math. Naturw. Kl. 115 (1907) 411-427.—Morphol.
Enaulophyton: VAN STEENIS, Bull. Jard. Bot. Btzig III, 12 (1932) 194-198.—Monotypic; Natuna Isl.
Krassera: SCHWARTZ, Mitt. Inst. Allg. Bot. Hamburg 7 (1931) 247-250.—Borneo.
Melastoma: GUILLAUMIN, Not. Syst. 2 (1913) 311-323.—Key.
Memecylon: BENTHAM, J. Linn. Soc. Bot. 5 (1861) 77-78.—CUMING's coll.
Osbeckia: GAMBLE, J. Ind. Bot. Soc. 1 (1919) 60-61.—3 new Ind. *spp.*
GUILLAUMIN, Not. Syst. 2 (1913) 305-311.—Key.
Phaulanthus: RIDLEY, J. Str. Br. R. As. Soc. no 57 (1910) 41-44.—6 *spp.*
Plethiandra: BURKILL, J. Str. Br. R. As. Soc. no 77 (1917) 265-269.—Sarawak.
Pternandra (*Kibessia*): BURKILL, Kew Bull. (1935) 319.—*Kibessia* reduced to *Pternandra*.
Sonerila: STAPF, Ann. Bot. 6 (1892) 291-323.—Revision.
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Malay Peninsula: HENDERSON, Gard. Bull. Str. Settl. 7 (1933) 90-95, t. 17.—3 new *spp.*
Borneo: MERRILL, J. Str. Br. R. As. Soc. no 76 (1917) 87-89.—2 new *Aglaia*s.
—, J. Str. Br. R. As. Soc. no 86 (1922) 315-318.—New *spp.*
RIDLEY, Kew Bull. (1930) 364-372.—New *spp.*
SCHWARTZ, Mitt. Inst. Allg. Bot. Hamb. 7 (1931) 235-236.
AIRY SHAW, Kew Bull. (1940) 254-258.—Many new records.

Java: ADELBERT, Blumea 6 (1948) 313-322.
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KOORDERS & VALETON, Ic. Bog. 1 (1897-1901); 2 (1903-1906).—Several *spp.* fig.
Lesser Sunda Islands (& Celebes): DE CANDOLLE, Med. Rijksherb. Leiden no 22 (1914) 7-10.—New records.
Celebes: KOORDERS, Suppl. vol. 1 Flora N.O. Celebes 1 (1918) 23-27.
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Moluccas: MERRILL, Philip. J. Sc. 11 (1916) Bot. 278-280.—Records; new *Dysoxylum*.
Philippines: ELMER, Leaf. Philip. Bot. 9 (1934) 3205-3206.—A new *Aphanamixis*.
—, *ibid.* 9 (1937) 3273-3395.—New *spp.* & records.
MERRILL, Philip. J. Sc. 9 (1914) Bot. 531-541.—New *spp.*
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PERKINS, Notizbl. Berl.-Dahlem 4 (1903) 78-79.—2 new *spp.*
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QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 156-158.—2 new *spp.*
New Guinea: DE CANDOLLE, Bull. Herb. Boiss. II, 3 (1902) 161-180.—List; also *spp.* of New Caledonia & Samoa.
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MERRILL & PERRY, J. Arn. Arb. 21 (1940) 296-327.
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WHITE, Proc. R. Soc. Queensl. 34 (1922) 38-39.—Small list of records.
—, *ibid.* 38 (1927) 234-237.—Some new *spp.*
Polynesia: SMITH, A. C., Contr. U.S. Nat. Herb. 30 (1952) 469-522.—Rev. of *Xylocarpus*, *Vavaea*, *Aglaia*, and *Dysoxylum*.

Genera

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Amoora: HAINES, Kew Bull. (1920) 238-242.—Crit. note *A. spectabilis*.
Cedrela = *Toona*.
Chisocheton (*Clemensia*): AIRY SHAW, in HOOK. Ic. Pl. (1937) t. 3333.—Descr. new *sp.* in § *Clemensia*.
Chukrassia (*Chickrassia*): LIVERA, Ann. R. Bot. Gard. Perad. 9 (1925) 307-308.—Revision; key!
Dysoxylum (*Piptosaccos*): FEDTSCHENKO, Svensk Bot. Tidskr. 19 (1924) 490-493.—Crit. note syn.
Flindersia. See *Rutaceae*.
Heynea (*Ailanthopsis*): GAGNEPAIN, Not. Syst. 13 (1947) 62-63.

Munronia: HARMS, Ber. Deut. Bot. Ges. 35 (1917) 74-82.

Pseudocarapa: MERRILL & PERRY, J. Arn. Arb. 21 (1940) 315-316.

Reinwardtiidendron: PERKINS, Fragm. Fl. Philip. 1 (1904) 74-76.

Sandoricum: MERRILL, J. Bot. 61 (1923) 172-174, 200.—*S. koetjape*.

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Toona (Cedrela): BURKILL, Gard. Bull. Str. Settl. 5 (1930) 120-122.—Mal. Pen. list.

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Philippines: DIELS in ELMER, Leaf. Philip. Bot. 4 (1911) 1161-1167.—Synopsis of Philip. *spp.*

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Stephania: YAMAMOTO, Trans. Nat. Hist. Soc. Formosa 26 (1936) 239-243.—Japan. & Formosan *spp.*

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See Leguminosae

MOLLUGINACEAE

See Aizoaceae

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Queensland: FRANCIS, Kew Bull. (1931) 457-458.

Genera

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MOORE, J. Bot. 61 (1923) Suppl. 109.—Descr. *Dryadodaphne* in *Laur.*

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Philippines: MERRILL, *Philip. J. Sc.* 19 (1921) 49–69.—New *spp.*

WARBURG, in PERKINS, *Fragm. Fl. Philip.* (1905) 165–167.

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Genera

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Artocarpus: BECCARI, *Nelle For. Borneo* (1902) 625–636.—Born. & Pap. *spp.*

CORNER, *Gard. Bull. Str. Settl.* 10 (1939) 56–81.

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FOSBERG, *J. Wash. Acad. Sc.* 31 (1941) 93.—Nomencl.

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QUISUMBING, *Philip. J. Sc.* 72 (1940) 331–335.—*A. camansi* BLANCO.

Morus: HOTTO, *Jap. J. Bot.* 52 (1938) 363–368.—Syst. cult. *Jap. Morus.*

NAKAI, *J. Arn. Arb.* 8 (1927) 234–238.

Parartocarpus: SMITH, *Bull. Jard. Bot. Btzg III*, 4 (1932) 233–234; *ibid.* 6 (1924) 80.

Paratrophis: VAN STEENIS, *J. Bot.* 72 (1934) 89.—Syn. *P. glabra*.

Poikilospermum (Conocephalus): MERRILL, *Contr. Arn. Arb.* 8 (1934) 47–52.—Complete list.

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PETRUCCHI, *Nuovo Giorn. Bot. Ital. n.s.* 9 (1902) 213–230.—Revision.

Taxotrophis: HUTCHINSON, *Kew Bull.* (1918) 147–152.—Revision; key!

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BARRETT, M. F., *Bull. Torr. Bot. Club* 73 (1946) 321–325.—Misc. notes.

—, *ibid.* 76 (1949) 53–64.—Syn. *F. retusa*.

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Java: BACKER, *Blumea* 6 (1948) 302–309.—Critical list.

Borneo: MERRILL, *J. Str. Br. R. As. Soc. no* 76 (1917) 80–81.

Celebes: TEYSMANN & DE VRIESE, *Nat. Tijd. Ned. Ind.* 23 (1861) 212–214.—*Boscheria n.g.* (= *Ficus*).

Philippines: ELMER, *Leaf. Philip. Bot.* 1 (1906) 187–205.—Misc. *spp.* from Leyte.

—, *ibid.* 1 (1906) 42–62.—Misc. *spp.* from Benguet.

—, *ibid.* 1 (1907) 236–261.—Misc. *spp.* from Tayabas.

—, *ibid.* 2 (1908) 531–551.—Misc. *spp.* from S. Negros.

—, *ibid.* 4 (1911) 1232–1270.—Misc. *spp.* from Davao.

—, *ibid.* 4 (1911) 1307–1325.—Misc. *spp.* from Sibuyan.

—, *ibid.* 4 (1912) 1363–1397.—Misc. *spp.* from Palawan.

—, *ibid.* 7 (1914) 2359–2415.—Misc. *spp.* from N. Agusan.

—, *ibid.* 9 (1937) 3397–3487.—Misc. *spp.* from Sorsogon.

QUISUMBING, *Philip. J. Sc.* 41 (1930) 316–317.—3 *spp.*

WARBURG, in PERKINS, *Fragm. Fl. Philip.* (1905) 194–202.—New *spp.*

Moluccas: MERRILL, *Philip. J. Sc.* 11 (1916) Bot. 264–265.—2 new *spp.* from Ambon.

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—, *J. As. Soc. Beng.* 56, ii (1888) 61–65.—BECCARI & D'ALBERTIS coll.

RECHINGER, in FEDDE, *Rep.* 11 (1912) 179–181.—Some new *spp.*, partly from the Solomon Isl.

SUMMERHAYES, *J. Arn. Arb.* 10 (1929) 142–154, 206–209.—BRASS coll.

—, *ibid.* 14 (1933) 62.—Some corrig.

—, *ibid.* 22 (1941) 81–109.—List BRASS coll.

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Sumatra: RIDLEY, Kew Bull. (1926) 90.—Descr. *Musa sumatrana*.

Malay Peninsula: RIDLEY, J. Str. Br. Roy. As. Soc. no 32 (1899) 182-183.—Enum.

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Genera

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Lowia. See *Lowiaceae*.

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RANT, Nat. Tijd. Ned. Ind. 94 (1934) 103-111.—*M. troglodytarum* from Moluccas.

SIMMONDS, Kew Bull. (1953) 571-574 (1954).—Descr. 2 new spp., one from New Guinea, one from the Solomon Islands.

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VLOTEN-VAN DEN BERG, O. VAN & VLOTEN, H. VAN, in KIRCHNER, LOEW & SCHROETER, Lebensgeschichte der Blütenpflanzen Mitteleuropas 2, 1 (1928) 559-599.

Local

New Guinea: MARKGRAF, Bot. Jahrb. 59 (1925) 540.

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BLUME, C. L., Rumphia 1 (1836) 174-191.—List.

WARBURG, O., Zur Charakterisierung und Gliederung der Myristicaceen (Ber. Deut. Bot. Ges. 13, 1895, 82-95).

—, Monographie der Myristicaceen (Nova Acta Acad. Caes. Leop.-Carol. Nat. Cur. 68, 1897, 1-680, t. 1-25).

Local

Malay Peninsula: HENDERSON, Gard. Bull. Str. Settl. 7 (1933) 120, t. 30.—New *Horsfieldia*.

AIRY SHAW, Kew Bull. (1948) 251-252.—New *Myristica*.

Borneo: DIELS & HACKENBERG, Bot. Jahrb. 60 (1926) 308.—New *Myristica*.

AIRY SHAW, Kew Bull. (1939) 439-445.—List Sarawak Exp.

Philippines: ELMER, Leaf. Philip. Bot. 3 (1911) 1057-1066.—New spp.

—, *ibid.* 10 (1939) 3763-3764.—New *Horsfieldia*.

MERRILL, Philip. J. Sc. 30 (1926) 394-395.—New Sulu *Knema*.

QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 144-145.—New Palawan *Knema*.

WARBURG, in PERKINS, Fragm. Fl. Philip. (1904) 49-50.—New records.

New Guinea: MARKGRAF, Bot. Jahrb. 67 (1935) 143-170.—Keys.

—, J. Arn. Arb. 10 (1929) 77.—New var. of *Myr. fatua*.

PULLE, Nova Guinea 8 (1911) 635-637.

SMITH, J. Arn. Arb. 22 (1941) 60-80.—New spp.

Micronesia: KANEHIRA, J. Dep. Agr. Kyushu Imp. Univ. 4 (1935) 319-320.—List.

MARKGRAF, Bot. Jahrb. 69 (1938) 395-397.—Keys.

Genera

Myristica: KING, Ann. R. Bot. Gard. Calc. 3 (1891) 275-331, t. 106-174.—Rev. Ind. spp.

MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 1 (1864) 205-207.—List.

—, *ibid.* 2 (1865) 46-51.—Completed list.

SMITH, Bull. Torr. Bot. Club 68 (1941) 397-406.

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- BLUME, C. L., Aegicereae (in HOEVEN & DE VRIESE, Tijds. Nat. Geschied. & Phys. 1, 1834, 147-153).—Census; descr. listed; in Latin.
- CANDOLLE, A. DE, Review of the Natural Order Myrsinaceae (Trans. Linn. Soc. 17, 1834, 95-138).—No keys.
- GROSZE, A., Anatomisch-systematische Untersuchungen der Myrsinaceen (Bot. Jahrb. 41, 1907, Beibl. 96, 1-46, fig. 1-31).—Types of indument, epidermis, etc.
- MEZ, C., Pflanzenreich Heft 9 (1901) 1-437, fig. 1-61.—See for additions under New Guinea.
- NAKAI, T., Nova Flora Japonica: 'Ardisiaceae'. Tokyo & Osaka (1943) 1-170, fig. 1-42.—In Latin and Japanese. Nomenclature deviates widely from the usual one.
- SCHEFFER, R. H. C. C., De Myrsinaceis Archipelagi Indici. Thesis, Utrecht (1867) 1-113, 1 tab.—In Latin; keys, descr.
- , Nat. Tijds. Ned. Ind. 31 (1870) 363-375.—List of records; some new *spp.*
- , *ibid.* 32 (1871) 419-426.

Local

- East Asia: WALKER, Philip. J. Sc. 73 (1940) 1-258.—Revision; keys.
- , J. Arn. Arb. 23 (1942) 344-355, 2 fig.—Additions.
- Siam: FLETCHER, Not. R. Bot. Gard. Edinb. 20 (1948) 106-120.—Concise revision; keys; no references. For descr. cf. Kew Bull. (1936) 42-47; *ibid.* (1937) 26-40 and enum. in Fl. Siam. En. 2 (1938) 325-352.
- Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 129-134.—Important list.
- , Pap. Mich. Acad. Sc. 19 (1934) 184-186.—*Embelia*, *Maesa n. sp.*
- RIDLEY, Kew Bull. (1926) 71-72.—2 new *Ardisias*.
- Borneo: MERRILL, Philip. J. Sc. 30 (1926) 85.—New *Ardisia*.
- , Sarawak Mus. J. 3 (1928) 543-545.—2 new *Ardisias*.
- , Pl. Elm. Born. (1929) 234-237.—3 new *Ardisias* listed & records.
- PHILIPSON, J. Bot. 77 (1939) 101-106.—Important list.
- RIDLEY, Kew Bull. (1934) 120.—New *sp.*
- AIRY SHAW, Kew Bull. (1939) 411-417 (*sphalm.* 511-517).—List RICHARDS coll.
- Philippines: ELMER, Leaf. Philip. Bot. 2 (1908) 439-444.—New *spp.*
- , *ibid.* 2 (1910) 659-675.—*Ditto*.
- , *ibid.* 10 (1939) 3764-3766.—*Ditto*.
- MERRILL, Philip. J. Sc. 5 (1910) Bot. 212-223.—New *spp.*
- , *ibid.* 12 (1917) Bot. 143-158.—New *spp.* of *Ardisia*, *Discocalyx*, and *Maesa*.
- , *ibid.* 26 (1925) 484-485.—*Ardisia* New *sp.*
- , *ibid.* 27 (1925) 45-46.—*Embelia n. sp.*
- , *ibid.* 30 (1928) 420-421.—New *Discocalyx*.
- , *ibid.* 41 (1930) 341-342.—New *Maesa*.
- MEZ, Philip. J. Sc. 1 Suppl. (1906) 271-276.

- , in FEDDE, Rep. 3 (1906) 97-104.—1 new *Maesa*, 4 *Ardisias*, 1 *Amblyanthopsis*, 1 *Discocalyx*.
- , *ibid.* 16 (1920) 309-312, 410-425.—3 new *Maesa*, 13 *Ardisias*, 3 *Discocalyx*, 2 *Jubilarias*, 2 *Embelias*, 1 *Rapanea*.
- QUISUMBING, Philip. J. Sc. 41 (1930) 341-343.—*Maesa n. sp.*
- , *ibid.* 76 (1944) 52-53.—*Loheria n. sp.*
- & MERRILL, *ibid.* 37 (1928) 185-187.—*Maesa* & *Discocalyx n. sp.*
- Moluccas: MERRILL, Philip. J. Sc. 11 (1916) Bot. 300-302.—Ambon records; new *Maesa*.
- New Guinea: KANEHIRA & HATUSIMA, Tokyo Bot. Mag. 57 (1943) 215-234.—Many new *spp.*
- MEZ, Bot. Arch. 1 (1922) 125-128, 230, 255-256.—New *spp.* in *Maesa*, *Ardisia*, *Conandrium*.
- , *ibid.* 2 (1922) 34, 173-176, 210-212, 259-260.—New *spp.* of *Ardisia*, *Conandrium*, *Discocalyx*, *Loheria*, *Grenacheria*, *Rapanea*.
- , *ibid.* 6 (1924) 131-132.—New *spp.* in *Maesa* & *Rapanea*.
- WHITE, J. Bot. 65 (1927) 248.—New *Ardisia*.
- , J. Arn. Arb. 10 (1929) 257-258.—Listed LANE-POOLE coll.

Genera

- Abrometia: MEZ, Bot. Arch. 1 (1922) 100.
- Apoia = Sarcosperma (*Sarcospermataceae*).
- Ardisia: WALKER, J. Wash. Acad. Sc. 29 (1939) 256-261.—Key to *A. crispa* & *crenata*.
- Embelia: WALKER, Lign. Sc. J. 10 (1931) 475-480.—*Embelia scandens* and allies; key.
- Fittingia: MEZ, Bot. Arch. 1 (1922) 105-106.
- Labisia (*Angiopetalum*): VAN STEENIS, Fl. Mal. Bull. 4 (1948) 109; Bull. Bot. Gard. Btzig III, 17 (1948) 459.—Prop. cons. *Labisia*.
- Rapanea (*Hunsteinia*), sec. HATUSIMA, June 1944, unpublished.
- Tapeinosperma: PHILIPSON, J. Bot. 77 (1939) 102-103.—Bornean *spp.*

MYRTACEAE

- BURRET, M., Myrtaceen Studien I (Notizbl. Berl.-Dahlem 15, 1941, 479-550).—Crit. notes; mostly extra-Malaysian, many New Caledonian; list of *Rhodomyrtus*; no keys.
- , Myrtaceen Studien II (in FEDDE, Rep. 50, 1941, 50-60).—Extra-Malaysian; few New Caled.
- CANDOLLE, A. P. DE, Mémoire sur la famille des Myrtacées (Mém. Soc. Phys. & Hist. Nat. Genève 9, 1841, 301-361, t. 1-22).—General discussion various genera.
- KORTHALS, P. W., Bijdrage tot de kennis der Myrtaceae (Ned. Kruidk. Arch. 1, 1846, 185-205).—List with descr. of new *spp.*
- VRIESE, W. H. DE, Plant. Ind. Batav. Orient. (1856) 63-79, pl. 5.—Listed records.

Local

- India: GAMBLE, J. Ind. Bot. Soc. 1 (1919) 60.—Short diagnoses of some SE. Ind. *spp.*
- China: MERRILL & PERRY, J. Arn. Arb. 19 (1938) 191-247.—Rev. of fam.; keys.

- Indo-China:** MERRILL & PERRY, J. Arn. Arb. 19 (1938) 99-116.—List *Syzygium*; no keys.
- Mal. Peninsula:** HENDERSON, Gard. Bull. Sing. 11 (1947) 299-338, 18 fig.—New *spp. Eugenia*.
—, *ibid.* 12 (1949) 1-293, 54 fig.—Important revision of 138 *spp.* and *var.* of *Eugenia* (*Syzygium*); keys.
—, *ibid.* 14 (1953) 1-3.—New *Tristania*.
- Java:** AMSHOFF, Blumea 5 (1945) 495-502.—List *Jav. spp.* under *Syzygium*.
BACKER, Schoolfl. Java (1911) 494-532.—Key *Jav. spp.*
- Borneo:** MERRILL, J. Str. Br. R. As. Soc. no 77 (1917) 206-231.—Descr. mainly *Eugenia* & *Tristania*.
—, *ibid.* no 79 (1919) 19-27.—List with new *spp.*
—, *ibid.* no 86 (1922) 335-337.—New *Eugenia* & *Xanthomyrtus*.
—, Sarawak Mus. J. 3 (1928) 532-534, 537 (*partim*).—Listed records.
—, Mitt. Inst. Allg. Bot. Hamburg 7 (1937) 269.—Small list.
MERRILL & PERRY, Mem. Am. Acad. Arts & Sc. 18 (1939) 135-202.—Rev. *Born. spp.*; keys; descr.
MIQUEL, Anal. Bot. Ind. 1 (1850) 12-29, t. 1-10 repr. from Verh. Kon. Ned. Inst. 1e kl. 3e reeks, vol. 3.—List & new *spp.*
RIDLEY, J. Bot. 68 (1930) 10-17, 33-39.—List of *Eugenias* & *Tristanias*.
AIRY SHAW, Kew Bull. (1949) 117-125.—In *Syzygium* 4 new *spp.* and several new comb.; key to *Aphanamirtus* group.
- Philippines:** MAIDEN, Proc. U. S. Nat. Mus. 26 (1903) 691-692.—Identification *Eucalyptus*.
ELMER, Leafll. Philip. Bot. 4 (1912) 1399-1444.—Descr. *Eugenia spp.*
—, *ibid.* 7 (1914) 2343-2358.—*Ditto*; various *Myrt.*
—, *ibid.* 10 (1939) 3767-3770.
MERRILL, Philip. J. Sc. 10 (1915) Bot. 207-225.—New *spp.* of *Eugenia*.
—, *ibid.* 11 (1916) Bot. 21-25.—*Ditto*.
—, *ibid.* 19 (1921) 289-308.
—, *ibid.* 27 (1925) 39-43.—4 new *Eugenias*.
—, *ibid.* 79 (1950) 351-430.—Nomenclatural readjustments under *Syzygium*.
QUISUMBING, Philip. J. Sc. 41 (1930) 337-340.—2 new *Eugenias*.
— & MERRILL, *ibid.* 37 (1928) 175-177.—New *Eugenia* & *Tristania*.
- Moluccas:** MERRILL, Philip. J. Sc. 11 (1916) Bot. 296-297.—New *Eugenia* from Ambon.
- New Guinea:** DIELS, Bot. Jahrb. 57 (1922) 356-426, 1 fig.—Keys.
—, Nova Guinea 14 (1924) 85-96.
LAUTERBACH, Nova Guinea 8 (1910) 319-323.
—, *ibid.* 8 (1912) 849-855.
MERRILL & PERRY, J. Arn. Arb. 23 (1942) 233-265, 267-297.—Many new *spp.*; no keys.
RECHINGER, in FEDDE, Rep. 11 (1912) 183.—Some new *Syzygiums*.
WHITE, Proc. R. Soc. Queensl. 34 (1922) 47-48.—Listed records.
—, J. Arn. Arb. 23 (1942) 79-92, 1 pl.—Mostly capsular-fruited genera; many new *spp.*; no keys.
—, *ibid.* 32 (1951) 139-149, pl. 1.—New *spp.* & records, incl. Moluccas and Solomon Isl.
- N. Australia:** CHEEL and MAIDEN, in EWART & DAVIES, Fl. North. Terr. (1917) 203-210, 290-317.—*Eucalyptus*; key to infraspec. taxa in *Melaleuca leucadendron*.
- New Caledonia:** GUILLAUMIN, Bull. Soc. Bot. Fr. 81 (1934) 3-17.
—, *ibid.* 85 (1939) 626-653.
- Fiji:** PERRY, J. Arn. Arb. 31 (1950) 350-371.

Genera

- Acmena** (*Xenodendron*): MERRILL & PERRY, J. Arn. Arb. 19 (1938) 1-20.—Synopsis.
- Aphanomirtus** (*Pseudoeugenia*): KOORDERS & VALETON, Ann. Jard. Bot. Btzg Suppl. II (1898) 145-151, Taf. 6-8.—A segregate from *Eugenia*.
MERRILL, Blumea Suppl. 1 (1937) 107-111.
AIRY SHAW, Kew Bull. (1949) 121.—Key.
VALETON, in FEDDE, Rep. 4 (1907) 234-235.
- Basisperma**: WHITE, J. Arn. Arb. 23 (1942) 84-85.
- Cleistocalyx** (*Acicalyptus*): MERRILL & PERRY, J. Arn. Arb. 18 (1937) 322-344, 1 pl.—Revision; no key. Segregate of *Eugenia s.l.*
- Cloezia**: BAKER f., J. Linn. Soc. Lond. Bot. 45 (1921) 309-310.—New Caled. *spp.*; key.
- Eucalyptopsis**: WHITE, J. Arn. Arb. 32 (1951) 139-144, pl. 1.
- Eucalyptus**: BLAKE, Austr. J. Bot. 1 (1953) 185-352, 35 pl.—Principally N. Australian, but also considering Mal. *spp.*; keys.
BLAKELY, A key to the Eucalypts, with descriptions of 500 species and 138 varieties; and a companion to J. H. MAIDEN's Critical Revision of the genus *Eucalyptus*. Sydney (1934) 339 pp.
BURBIDGE, Trans. R. Soc. South Austr. 71 (1947) 137-167.—Key to S. Austr. *spp.*
MAIDEN, A critical revision of the genus *Eucalyptus*. Sydney (1903-1933) 8 vols, 75 pts.—For key see BLAKELY.
MUELLER, J. Linn. Soc. Bot. 3 (1859) 81-101.—Conspectus; descr. new *sp.*; no key.
- Eugenia** (*Jambosa*): Several authors maintain *Eugenia s.l.* as a genus. See HENDERSON in Malaya. DIELS and MERRILL & PERRY advocate splitting Mal. *spp.* into *Syzygium*, *Jossinia*, *Acmena*, *Cleistocalyx*, *Tetraeugenia*, *Aphanomirtus*.
GAGNEPAIN, Bull. Soc. Bot. Fr. 64 (1917) 94-103.—Discussion characters for delimitation of *spp.*
- Jossinia**: MERRILL, J. Arn. Arb. 31 (1950) 329-333.
—, Philip. J. Sc. 79 (1950) 356-360.—Reinstatement of *Jossinia*.
- Kjellbergiodendron**: BURRET, Notizbl. Berl.-Dahlem 13 (1936) 101-106, fig. 5.
MERRILL, J. Arn. Arb. 33 (1952) 162-165.
VAN STEENIS, Act. Bot. Neerl. 1 (1952) 440-442, fig. 2.—Revision.
- Melaleuca**: VAN STEENIS, Tectona 32 (1939) 863-864.—Some records & fig.; in Dutch; no keys.

Octamyrtus: DIELS, Bot. Jahrb. 57 (1922) 373-376.

WHITE, J. Arn. Arb. 32 (1951) 143-147.-Key.

Osbornia: VAN STEENIS, Trop. Natuur 25 (1936) 194-196, fig. 1-2.

Psidium: RANT, Ann. Jard. Bot. Btzig 41 (1930) 27-32, tab. 8-12.

Syncarpia (Nania): MIQUEL, J. Bot. Néerl. 1 (1861) 292-297, pl. 3.

Syzygium: MERRILL & PERRY, Mem. Am. Acad. Arts & Sc. 18 (1939) 135-202.-Rev. Born. spp.

—, J. Arn. Arb. 19 (1938) 99-116.-Rev. Indo-Chin. spp.

Tetraeugenia (a segregate from *Eugenia*): MERRILL, J. Str. Br. R. As. Soc. no 77 (1917) 230-231.

AIRY SHAW, Kew Bull. (1949) 123.

Xanthomyrtus: DIELS, Bot. Jahrb. 57 (1922) 362-367.

MERRILL, Philip. J. Sc. 30 (1926) 415-416.

—, Sarawak Mus. J. 3 (1928) 533.

Xanthostemon: GUGERLI, in FEDDE, Rep. Beih. 120 (1940) 1-149, t. 1-16. Also Thesis, Zürich.

—Keys; descr.; unsatisfactory.

MERRILL, J. Arn. Arb. 33 (1952) 150-162.-Corrections for latter paper.

Whiteodendron: VAN STEENIS, Act. Bot. Neerl. 1 (1952) 436-440, fig. 1.-New genus from Borneo.

NAJADACEAE

RENDLE, A. B., A systematic revision of the genus *Najas* (Trans. Linn. Soc. Bot. II, 5, 1899, 379-436; *ibid.* 1900, 437-444, t. 39-42).-Monograph; keys!

—, Pflanzenreich Heft 7 (1901) 1-21, fig. 1-5.

Local

Java: BACKER, Handb. Fl. Java 1 (1924) 51.-Key; in Dutch.

KOCH, Ber. Schweiz. Bot. Ges. 44 (1935) 339-342.-New spp.

Ball: VAN STEENIS, Arch. Hydrobiol. Suppl. Bd 11 (1932) 271-272, fig. 2.-*Najas marina*.

Genera

Najas: BRAUN, J. Bot. 2 (1864) 274-279, 2 fig.-Revision.

MIKI, Tokyo Bot. Mag. 49 (1935) 773-778, fig. 6-8.-Key to Japan. spp.

NEPENTHACEAE

BECCARI, O., Revista delle Specie del Genere *Nepenthes* (Malesia 3, 1886, 1-15, t. 1-3).-List; no key.

DANSER, B. H., The Nepenthaceae of the Netherlands Indies (Bull. Jard. Bot. Btzig III, 9, 1928, 249-438, fig. 1-36).-Complete revision of Mal. spp.; key.

HARMS, H., Pflanzenfamilien ed. 2, 17b (1936) 728-765, fig. 453-472.

KORTHALS, P. W., in TEMMINCK, Verh. Nat. Gesch. Bot. (1840) 1-44, t. 1-4, 13-15, 20-22.

MACFARLANE, J. M., Pflanzenreich Heft 36 (1908) 1-92, fig. 1-19.-Monograph.

Local

Sumatra: DANSER, Bull. Jard. Bot. Btzig III, 13 (1935) 465-467.-New sp. S. Sumatra.

—, *ibid.* 16 (1940) 268-271.-New sp. N. Sumatra.

MIQUEL, Ill. Fl. Arch. Ind. 1 (1870) 1-8, t. 1-6.-List; n. spp.

Borneo: DANSER, Mitt. Inst. Allg. Bot. Hamburg 7 (1931) 217-221, 1 fig.-List 4 spp.

—, Bull. Jard. Bot. Btzig III, 13 (1935) 467-469.-Crit. notes.

HOOKER, J., Trans. Linn. Soc. 22 (1859) 415-424, t. 69-74.-Synopsis; no key.

MACFARLANE, Kew Bull. (1925) 35-37.-New sp. (*N. decurrens*).

Philippines: MACFARLANE, Contr. Bot. Lab. Univ. Penns. 3 (1911) 207-210, t. 1-2.-2 new spp.

—, Philip. J. Sc. 33 (1927) 127-140.-Revision; key.

New Guinea: MACFARLANE, Nova Guinea 8 (1911) 339-341.

NYCTAGINACEAE

HEIMERL, A., Pflanzenfamilien ed. 2, 16c (1934) 86-134, 587.

SKOTTSBERG, C., Act. Hort. Gothob. 2 (1926) 231-232.-Replaces *Calpidia* by *Ceodes*.

STANDLEY, P., The Nyctaginaceae of Northwestern South America (Publ. Field Mus. 11, 1931, 73-114).-Keys.

Local

New Guinea: MERRILL & PERRY, J. Arn. Arb. 20 (1939) 327-329.-4 *Ceodes*.

PULLE, Nova Guinea 8 (1910) 353.

—, *ibid.* 8 (1912) 629-630.

VALETON, Bot. Jahrb. 52 (1915) 101-103.

Hawaii: SKOTTSBERG, Svensk Bot. Tidskr. 30 (1936) 722-743, 6 fig.; *ibid.* 35 (1941) 364.-Arbor. spp.

Polynesia: HEIMERL, Occ. Pap. Bern. P. Bish. Mus. 13 (1937) 27-47.-List.

Genera

Boerhaavia: BACKER, Onkruidfl. Jav. Suiker. (1930) 233-237.-Key Jav. spp.

Bougainvillea: HEIMERL, Denkschr. Akad. Wiss. Wien 70 (1900) 98-124.-Key; descr.

Ceodes (Calpidia): HEIMERL, Oester. Bot. Zeitschr. 63 (1913) 279-290.-List.

Pisonia: BARGAGLI-PETRUCCI, Nuovo Giorn. Bot. Ital. new ser. 8 (1901) App. 603-625, t. 4.-Rev. Mal. spp.; key.

AIRY SHAW, Kew Bull. (1952) 87-97, map.-Syn.; distr.; ecol. *P. grandis* with crit. notes on other spp.

St JOHN, Webbia 8 (1951) 225-228, 1 fig.-Distr. *P. grandis*.

NYMPHAEACEAE

CASPARY, R., Nymphaeaceae (in Miq. Ann. Mus. Bot. Lugd.-Bat. 2, 1866, 241-256).-Also extra-Mal.; no key.

- HENKEL, F., F. REHNELT & L. DITTMANN, Das Buch der Nymphaeaceen. Darmstadt (1907) 1-158, plates and many fig. - Monograph; uses; cultivation methods; new species; keys.
- PLANCHON, J. E., Étude sur les Nymphaeacées (Ann. Sc. Nat. III, Bot. 19 (1853) 17-63.-Census of genera & spp.; no key.
- , Énumération succincte des espèces de la famille des Nymphaeacées (Revue Hortic. Paris IV, 2, 1853, 62-68).-Conspectus.

Local

- Java: BACKER, Schoofl. Java (1911) 48-51.
- New Guinea: MERRILL & PERRY, J. Arn. Arb. 23 (1942) 388-390.
- PULLE, Nova Guinea 8 (1910) 361.

Genera

- Barclaya: MIQUEL, Ill. Fl. Arch. Ind. (1870) 43-44. -2 spp.; no key.
- WALLICH, Trans. Linn. Soc. Lond. 15 (1827) 442-448, t. 18.-Type descr.
- Brasenia: VAN DER MEER MOHR, Trop. Natuur 26 (1937) 33-34.
- Cabomba: FASSETT, Castanea 18 (1953) 116-128. -Monograph; key.
- Nymphaea: CONARD, Publ. Carnegie Inst. Wash. 4 (1905) 1-279, t. 1-30.-Monograph.
- DIETRICH, Allg. Gartenzeit. 21 (1853) 353-355, 364, 370-372, 379-380, 386-388, 395-396, 406-407.

NYSSACEAE

- WANGERIN, W., Pflanzenreich Heft 41 (2) (1910) 1-20, fig. 1-4.
- WASSCHER, J., Nyssa in the Netherlands Indies (Blumea 1, 1935, 343-350).-Revision.
- , Fl. Mal. I, 4 (1948) 29-31, fig. 1.

OCHNACEAE

- BARTELLETTI, V., Studio monografico intorno alle famiglia delle Ochnaceae e specialmente delle Specie Malesi (Malpighia 15, 1901 (an 1902?) 105-174, t. 5-11).-No keys.
- GILG, E., Beiträge zur Kenntnis der Ochnaceae, besonders im Hinblick auf die neueste Bearbeitung dieser Pflanzenfamilie durch VAN TIEGHEM (Festschrift Ascherson 1904, 97-118).
- , Pflanzenfamilien ed. 2, 21 (1925) 53-87.
- PLANCHON, J. E., Sur le genre Godoya et ses analogues, avec des observations sur les limites des Ochnacées et une revue des genres et espèces de ce groupe (in HOOK. Lond. J. Bot. 5, 1846, 584-600, 644-656, pl. 19-22; *ibid.* 6, 1847, 1-31).-No keys.
- TIEGHEM, P. VAN, Sur les Ochnacées (Ann. Sc. Nat. VIII, Bot. 16, 1902, 161-416).-Disc. of genera; no spp. mentioned; no keys.
- , Constitution nouvelle de la famille des Ochnacées (in MOROT, J. Bot. 16, 1902, 181-212).-Delimitation of the family with a key to the genera.

Local

- Borneo: DIELS & HACKENBERG, Bot. Jahrb. 60 (1926) 310-311.-*Euthemis*, 2 records.

- RIDLEY, Kew Bull. (1930) 76-77.-List records.
- AIRY SHAW, Kew Bull. (1940) 249-252.-List RICHARDS coll.; key to *Neckia*.
- Philippines: MERRILL & QUISUMBING, Philip. J. Sc. 82 (1953) 329-330, t. 2.-*Neckia* from Samar.
- New Guinea: PULLE, Nova Guinea 8 (1911) 667.
- SMITH, J. Arn. Arb. 22 (1941) 524-528.-No key; *Schuurmansia*.

Genera

- Euthemis*: HALLIER f., Beih. Bot. Centralbl. 34, ii (1916) 30-34.-No key.
- Neckia* (?*Gomphia*): AIRY SHAW, Kew Bull. (1940) 252.-Key to spp.
- Ouratea*: HALLIER f., Beih. Bot. Centralbl. 34, ii (1916) 34-35.-2 spp.; no key.
- Schuurmansia*: HALLIER f., Rec. Trav. Bot. Néerl. 10 (1913) 345-351.-Rev.; no key.
- MERRILL, Philip. J. Sc. 11 (1916) Bot. 2, 19-20.-Record & new spp. from the Philippines.
- MIQUEL, Ill. Fl. Arch. Ind. (1870) 66-67.-Moluccas, 1 sp.
- SMITH, J. Arn. Arb. 10 (1929) 524-528.-Descr. 4 Pap. spp.
- Schuurmansiella*: HALLIER f., Rec. Trav. Bot. Néerl. 10 (1913) 344-345.-1 sp.
- RIDLEY, Kew Bull. (1930) 77.

OENOTHERACEAE

See *Onagraceae*

OLACACEAE

(incl. *Erythrolapaceae*)

- BLUME, C. L., Mus. Bot. Lugd.-Bat. 1 (1850) 245-251.-List, incl. also *Icac.*, *Opil.*
- SLEUMER, H. O., Pflanzenfamilien ed. 2, 16b (1935) 5-32.
- VALETON, TH., Critisch overzicht der Olacineae. Thesis, Groningen (1886) 1-280, t. 1-6.

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- Java: BACKER, Schoofl. Java (1911) 220-230.-Incl. also *Icac.*, *Opil.*
- Borneo: RIDLEY, Kew Bull. (1931) 33-35.-List; 3 new *Olax* spp.
- Philippines: ELMEY, Leaf. Philip. Bot. 10 (1939) 3770-3771.-New *Strombosia*.
- New Guinea: SCHELLENBERG, Bot. Jahrb. 58 (1923) 157-158.-Short list.

Genera

- Erythrolalum*: FAGERLIND, Svensk Bot. Tidskr. 40 (1946) 9-14.-Morph., embr.
- QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 143-144.-Aberrant Philip. sp.
- SLEUMER, Pflanzenfamilien ed. 2, 20b (1942) 401-403.-As a distinct family *Erythrolapaceae*.
- Fissipetalum* = *Erycibe* (*Convolvulaceae*).
- Phytocene: MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 3 (1867) 247-248.-No key.
- Schoepfia: ENGLER, Pflanzenfamilien, Nachtr. (1897) 145-146.-Sect. key.
- VAN STEENIS, Reinw. 1 (1952) 467-481, 2 fig.
- Scorodocarpus*: BECCARI, Nuovo Giorn. Bot. Ital. 9 (1877) 100, 273-276, t. 11 (fig. 12-17).-Descr. *S. borneensis*.

Tropidopetalum = *Bouea* (*Anacardiaceae*).

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SARGENT, *Trees & Shrubs* 2 (1913) 127-132, pl. 154.

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DECAISNE, J., *Monographie des genres Ligustrum et Syringa* (Nouv. Arch. Mus. Hist. Nat. Paris II, 2, 1879, 16-38, t. 1-3).—Descr.; no keys.

KNOBLAUCH, E., *Zur Kenntnis einiger Oleaceen-Genera* (Bot. Centralbl. 61, 1894, 81-87, 129-136).—Lists; no keys.

LINGELSHEIM, A., *Oleaceae-Oleoideae-Fraxineae & Syringae* (Pflanzenreich Heft 72, 1920, 1-125, fig. 1-11, 1-11, map).—*Forsythia*, *Fraxinus*, *Schrebera*, and *Syringa*.

Local

Siam: KERR, *Kew Bull.* (1938) 127-133.—New *spp.*

Sumatra: BAKHUIZEN VAN DEN BRINK Jr, *Blumea* 6 (1950) 383-384.—*Jasm. multiflorum* and its infraspecific taxa.

MERRILL, *Pap. Mich. Acad. Sc.* 19 (1934) 186-188.—2 new *Jasminums*, 1 new *Linociera*.

MERRILL, *Contr. Arn. Arb.* 8 (1934) 136-137.—Listed records.

Borneo: FISCHER, *Kew Bull.* (1932) 294.—New *Jasminum*.

RIDLEY, *Kew Bull.* (1934) 121-123.—3 new *Jasminums*; 1 *Linociera*.

AIRY SHAW, in HOOK. *IC. Pl.* 33 (1935) t. 3282.—New *Jasminum*.

Philippines: ELMER, *Leaf. Philip. Bot.* 5 (1913) 1651-1657.—List *Linociera*.

—, *ibid.* 9 (1934) 3208-3209.—New *Ligustrum*.

MERRILL, *Philip. J. Sc.* 27 (1925) 48-49.—New *Linociera*.

QUISUMBING & MERRILL, *Philip. J. Sc.* 37 (1928) 187-190.—New *Linociera*, *Jasminum*, and *Ligustrum*.

Moluccas: MERRILL, *Philip. J. Sc.* 11 (1916) Bot. 304-306.—2 new *spp.* from Ambon and Celebes.

New Guinea: KNOBLAUCH, *Notizbl. Berl.-Dahlem* 11 (1934) 1029-1031.—New *Linociera*.

KOBUSKI, *J. Arn. Arb.* 21 (1940) 328-335.—List; descr.; no key.

LINGELSHEIM, *Nova Guinea* 14 (1927) 329-331.—List.

—, *Bot. Jahrb.* 61 (1927) 1-22.—Keys.

WHITE, *Proc. Linn. Soc. N.S.W.* 51 (1926) 297.—New *Jasminum*.

—, *J. Arn. Arb.* 10 (1929) 259.—3 *spp.* listed.

Genera

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LINGELSHEIM, *Bot. Jahrb.* 40 (1908) 185-223.—Revision; no keys.

WESMAEL, *Bull. (Mém.) Soc. Bot. Belg.* 31 (1892) 69-117.—Synopsis; no key.

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Ligustrum: HÖFKER, *Mitt. Deut. Dendr. Ges.* 24 (1915) 51-66, t. 1-6.—Revision; keys.

MANSFELD, *Bot. Jahrb.* 59 (1924) Beibl. 132, 19-75.—Precurs. notes to monogr.

Myxopyrum: HILL, *Kew Bull.* (1910) 37-44.—Revision; key.

Schrebera: KOSTERMANS, *Reinwardtia* 2 (1953) 360-362, fig. 2.—Borneo record; new *sp.*

Syringa: MCKELVEY, S. D., *The Lilac*, a monograph. New York (1928) i-xiv, 1-581, t. 1-171.—Complete monograph with keys to the *spp.*

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(*Oenotheraceae*)

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New Guinea: DIELS, *Bot. Jahrb.* 62 (1929) 485 486.—2 new *Epilobiums*.

PULLE, *Nova Guinea* 8 (1910) 395.

—, *ibid.* 8 (1911) 681.

WARBURG, *Bot. Jahrb.* 16 (1892) 15, 23-24.—*Epilobium prostratum* n. *sp.*

Genera

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LÉVEILLÉ, *Iconographie du genre Epilobium.* Le Mans (1910) 1-328, t. 1-272.—Unreliable work.

Fuchsia: MUNZ, *Proc. Calif. Acad. Sc.* IV, 25 (1943) 1-139, t. 1-16.—Revision; keys.

Jussieua: BACKER, *Trop. Natuur* 3 (1914) 55-63.—Key *Jav. spp.*

BRENAN, *Fl. Trop. E. Afr. (Onagrac.)* (1953) 6-20, fig. 3-4.—Key; critical treatment.

FAWCETT, *J. Bot.* 64 (1926) 10-13.—Interpr. *Linnean spp.*

HARA, *J. Jap. Bot.* 28 (1953) 289-294.—*Jussieua* is reduced to *Ludwigia*; necessary recomb.

LÉVEILLÉ, *Bull. Soc. Bot. Fr.* 54 (1907) 421-427.—Revision; list; no key.

LIVERA, *Ann. R. Bot. Gard. Perad.* 9 (1924) 199-200.—Key to Ceylon *spp.*

MUNZ, *Darwiniana* 4 (1942) 179-284, t. 1-20, 2 fig., 9 maps.—Full monogr. of New World *spp.*

RIDLEY, *J. Bot.* 59 (1921) 257-260.—No key.

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SLEUMER, H. O., *Pflanzenfamilien* ed. 2, 16b (1935) 33-43.

Local

Indo-China: GAGNEPAIN, *Suppl. Fl. Gén. Indo-Chine* (1946) 731-734.—Descr. & key *Lepionurus* Bl.

Philippines: MERRILL, *Philip. J. Sc.* 29 (1926) 477.—A new *sp.* of *Melientha*.

New Guinea: LAUTERBACH, *Nova Guinea* 8 (1912) 817-818.—Descr. *Gjellerupia* (= *Lepionurus*).

Genera

Lepionurus (*Gjellerupia*): HATUSIMA, *Bot. Mag. Tokyo* 65 (1952) 109-111.—Reduction.

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(excl. Apostasiaceae)

- BENTHAM, G., Notes on Orchideae (J. Linn. Soc. Lond. Bot. 18, 1881, 281-360).—System of the family with notes on genera; no descr. of *spp.*
- KRAENZLIN, F., Orchidacearum genera et species 1 (1901) i-viii, 1-986; 2, 1 (1904) 1-143, t. 1-16.—With keys to *spp.* but not covering whole family.
- , Pflanzenreich Heft 45 (1910) 1-382, fig. 1-35.—*Dendrobiinae: Dendrobium, Desmotrichum, Diplocaulobium, Sarcopodium.*
- , *ibid.* Heft 50 (1) (1911) 1-182, fig. 1-35.—*Orchidaceae-Monandreae-Dendrobiinae: Dendrobium, Sarcopodium, Diplocaulobium, Desmotrichum, Eria, Trichotosia, Porpax, Chitonanthera.*
- , *ibid.* 50 (2) (1911) 1-46, fig. 1-5.—*Orchidaceae, Monandreae-Thelasiniae: Phreatia, Thelasis.*
- LINDLEY, J., The genera and species of Orchidaceous plants (1830-40) i-xiii, 1-553.—Keys to the genera.
- , Folia Orchidacea. Enumeration of the known species of Orchids. 9 parts. London (1852-59) 1-300.—Keys to subgenera and sections, sometimes to *spp.*
- MANSFELD, R., Ueber das System der Orchidaceae-Monandreae (Notizbl. Berl.-Dahlem 13, 1937, 666-676).—Key to tribes & subtribes.
- PFITZER, E., Beiträge zur Systematik der Orchideen (Bot. Jahrb. 19, 1895, 1-42).
- , Pflanzenreich Heft 12 (1903) 9-132, fig. 1-41.—Monogr. *Paphiopedilum.*
- & KRAENZLIN, F., Pflanzenreich Heft 32 (1907) 1-169, fig. 1-54.—*Orchidaceae-Monandreae-Coelogyninae: Coelogyne (Ptychogyne), Dendrochilum, Gynoglottis, Hologyne, Crinonia, Chelonanthera, Pholidota, Camelostalix.*
- REICHENBACH, H. G., Orchides (in WALPERS, Ann. Bot. Syst. 6, 1861, 167-933).—Enum. world's orchids; sometimes partial keys.
- SCHLECHTER, R., Monographie der Podochilinae (Mém. Herb. Boiss. no 21, 1900, 1-78).—*Podochilus (incl. Appendicula), Lobogyne, Thelasis, Oxyanthera.* Keys!
- , Die Polychondreae (Neottiinae PFITZ.) und ihre systematische Einteilung (Bot. Jahrb. 45, 1911, 375-410).—Key to subtribes; review of and key to the genera of the *Gastrodiinae*; keys to species of *Epipogon, Didymoplexis, Nervilia*, and *Gastrodia.*
- , Die Orchideen, ihre Beschreibung, Kultur und Züchtung, Handbuch für Orchideen Liebhaber, Züchter und Botaniker (1915) 1-836, fig. 1-230, t. 1-12. Ed. 2 (1927) xii + 959, 250 fig., 16 tab.—Descr.; no keys.
- , Das System der Orchidaceen (Notizbl. Berl.-Dahlem 9, 1926, 563-591).—Synopsis of names.
- SMITH, J. J., Artificial key to the orchid genera of the Netherlands Indies, etc. (Blumea 1, 1934, 194-215).—Comprising the whole of Malaysia.
- BLUME, Rumphia 1 (1836) 195-201, t. 67-70.—Col. pl. & descr. *Vanilla, Galeola.*
- , *ibid.* 4 (1849) 38-56, t. 192-200B.—Various orch. with plates.
- , Mus. Bot. Lugd.-Bat. 1 (1849) 29-32, 46-48, 60-64, 112.
- , *ibid.* 2 (1856) 172-190.—Lists of *spp.* of various genera.
- , Collection des Orchidées les plus remarquables de l'Archipel Indien et du Japon (1858) i-vi, 1-190, t. 1-66.—Miscell. descr. This is a republication with minor changes of BLUME's Flora Javae nova series vol. 1 (1858). See under Java.
- , Monographie des Anectochilus, Goodyera et genres voisins, etc. (Belg. Hort. 11, 1861, 369-378, t. 1 (fig. 1-7)).—Condensed from the above; key to genera; descr. of a number of *spp.*
- KING & PANTLING, Some new Indo-Malayan Orchids (J. As. Soc. Beng. 66, 1897, 578-605).
- LINDLEY, Sertum Orchidaceum: A wreath of the most beautiful orchidaceous flowers (1837-42) t. 1-49.—Descr. and plates; no keys.
- REICHENBACH, Orchidaceae in Walper's Annales 6 (1861) 167-933.—Synopsis.
- , Orchidographische Beiträge (Linnæa 41, 1877, 17-98).—New descr. partly Malaysian.
- , Xenia Orchidacea. Beitr. zur Kenntnis der Orchideen 1 (1854-58) 1-245, t. 1-100; 2 (1862-74) 1-232, t. 101-200; 3 (by KRAENZLIN) (1900) 1-193, t. 200-300.
- REICHENBACHIA, Orchids illustrated and described by F. SANDER. Abbildungen, Beschreibungen und Kulturanweisungen der schönsten Orchideen. Published by Sander. 2 series, in 4 vols (48 parts). London and Berlin (1886-1895) folio, with 192 col. pl.—Descr. & plates; no keys.
- SCHLECHTER, Neue Orchidaceen der Flora des Monsun-Gebietes (Bull. Herb. Boiss. II, 6, 1906, 295-310, 453-472).—Mixed diagn.
- , Orchidaceae novae vel criticae (in FEDDE, Rep. 3, 1906-07, 15-20, 45-51, 276-280, 316-321; *ibid.* 9, 1910-11, 25-27, 162-165, 212-217, 284-287, 290-294, 337-342, 428-439; *ibid.* 10, 1911, 250-252; *ibid.* 11, 1912, 140-146).—Mixed descr.
- , Notizbl. Berl.-Dahlem 8 (1921) 14-20.—New *spp.* coll. BECCARI in Borneo & Sumatra.
- , in FEDDE, Rep. Beih. 74 (1934) 85 tab.—Fig. of Ind. & Mal. *spp.*
- SMITH, J. J., Bull. Inst. Bot. Btzg no 7 (1900) 1-5.—List mixed descr.
- , Rec. Trav. Bot. Néerl. 1 (1904) 146-159.—List mixed descr.
- , Neue Orchideen des Malaiischen Archipels (Bull. Dép. Agric. Ind. Néerl. no 5, 1907, 1-36).—Descr.
- , *ditto* II (*ibid.* no 15, 1908, 1-29).—Descr.
- , *ditto* III (*ibid.* no 22, 1909, 1-51).—Descr.
- , *ditto* IV (*ibid.* no 45, 1911, 13-25).—Descr.
- , *ditto* V (Bull. Jard. Bot. Btzg II, no 3, 1912, 53-69).—Descr.
- , *ditto* VI (*ibid.* II, no 8, 1912, 38-47).—Descr.
- , *ditto* VII (*ibid.* II, no 13, 1914, 1-52).—Descr.
- , *ditto* VIII (*ibid.* II, no 25, 1917, 1-103).—Descr.

Mixed contributions to Malaysia

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- , *ditto* IX (*ibid.* III, 2, 1920, 15–127).—Descr.
 —, *ditto* X (*ibid.* III, 5, 1922, 12–102).—Descr.
 —, *ditto* XI (*ibid.* III, 8, 1926, 35–70).—Descr.
 —, *ditto* XII (*ibid.* III, 9, 1927, 138–195).—Descr.
 —, *ditto* XIII (*ibid.* III, 10, 1928, 25–84).—Descr.
 —, *ditto* XIV (*ibid.* III, 12, 1932, 105–150).—Descr.
 —, *ditto* XV (in FEDDE, Rep. 36, 1934, 110–119).—Descr.
 —, *ditto* XVI (Bull. Jard. Bot. Btzg III, 14, 1937, 160–168).—Descr.
 —, *ditto* XVII (Blumea 5, 1943, 297–315).—Descr.
 —, *ditto* XVIII (*ibid.* 5, 1945, 692–699, 6 fig.).—Descr.
 —, Blumea 5 (1945) 764–785.—Compl. & emend. descr.
 —, Icones Orchidacearum malayensium I (Bull. Jard. Bot. Btzg III, Suppl. 2, 1930, t. 1–100).—Plates belonging to series above.
 —, *ditto* II (*ibid.* Suppl. 3, 1938–1949, t. 101–176).—*Ditto*.
 —, *idem* Additamenta t. 178–189 (Reinwardtia 1, 1950, 1–25).—*Ditto*.
 —, Ic. Bog. 2 (1903) t. 51–75; 3 (1906) t. 204–225; 3 (1907) t. 240–243; 4 (1910) t. 301–305.—Descr. fig.
 —, Bull. Jard. Bot. Btzg III, 8 (1927) 353–369.—Notes from REICHENBACH's Herb. I.
 —, *ibid.* 9 (1928) 482–492.—*Ditto* II.
 —, *ibid.* 11 (1930) 19–27.—*Ditto* III.
 —, in FEDDE, Rep. 31 (1932) 76–82.—3 new spp.
 —, Gard. Bull. Str. Settl. 9 (1935) 89–92.—1 *Oberonia*, 2 *Dendrobiums*.
 VAN STEENIS, Trop. Natuur 23 (1934) 53–57, fig. 18–24.—Key to saprophytic Mal. Orch. mostly Javan.
 TEYSMANN, Nat. Tijd. Ned. Ind. 5 (1853) 487–494.—Mixed diagn.
 —, Ned. Kruidk. Arch. 3 (1854) 396–402.—Mixed diagn. *ex Hort. Bog.*
 — & BINNENDIJK, Nat. Tijd. Ned. Ind. 24 (1862) 305–326.—Mixed diagn.
 —, *ibid.* 27 (1864) 16–22.—*Ditto*.
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 KING & PANTLING, The Orchids of the Sikkim Himalaya (Ann. R. Bot. Gard. Calc. 8, 1898, 1–342, t. 1–448).—Descr.; pl.
 LINDLEY, J. & Proc. Linn. Soc. Lond. 1 (1857) 170–190; *ibid.* 3 (1859) 1–63.—Enum.; descr.
Indo-China: GAGNEPAIN & GUILLAUMIN, Fl. Gén. Indo-Chine 6 (1932–34) 142–647.
Sumatra: AMES, in MERRILL, Contr. Arn. Arb. 8 (1934) 22–40.
 REICHENBACH, Bonplandia 5 (1857) 34–43, 53–58.—List ZOLLINGER.

- RIDLEY, J. Fed. Mal. Stat. Mus. 8, 4 (1917) 87–114.—Coll. Mt Kerintji; list.
 —, J. Mal. Br. R. As. Soc. no 87 (1923) 94–98.—List E. Coast coll. RIDLEY.
 SCHLECHTER, Bot. Jahrb. (1911) Beibl. no 104, p. 1–61.—List SCHLECHTER coll.
 SMITH, in FEDDE, Rep. 32 (1933) 129–386.—Critical, complete list Orch. of Sumatra & adjacent islands.
 —, Blumea 5 (1943) 316–323; *ibid.* 5 (1945) 700–708.—List Atjeh coll. VAN STEENIS.
Malay Peninsula: CARR, Some Malayan orchids (Gard. Bull. Str. Settl. 5, 1929, 1–50, pl. 1–18).—List; descr.
 —, *ditto* II (*ibid.* 5, 1930, 124–160, pl. 1–4).—*Ditto*.
 —, *ditto* III (*ibid.* 7, 1932, 1–59, pl. 1–5).—*Ditto*.
 —, *ditto* IV (J. Mal. Br. R. As. Soc. 11, 1933, 66–109, pl. 1–13).—*Ditto*.
 —, *ditto* V (Gard. Bull. Str. Settl. 8, 1935, 69–129).—*Ditto*.
 —, *ibid.* 7 (1932) 61–86, pl. 6–14.—Key *Taeniophyllum*.
 HENDERSON, J. Mal. Br. R. As. Soc. 5 (1927) 268–272.—List Cameron Highlands.
 —, J. Fed. Mal. Stat. Mus. 13, 4 (1927) 7–10.—List Pahang.
 —, *ibid.* 223–226.—List; 2 new spp.
 —, Gard. Bull. Str. Settl. 5 (1930) 79–80.—List P. Tioman.
 HOLTUM, Mal. Nat. J. 2 (1947) 1–7, 2 fig.—Key & descr. *Paphiopedilum*.
 —, Gard. Bull. Str. Settl. 11 (1947) 275–292, fig. 2–5.—New spp.
 —, Mal. Nat. J. 4 (1949) 85–92, 4 fig.—Key *Arachnis*.
 —, *ibid.* 13 (1951) 251–253.—New *Vanilla*.
 —, Gard. Bull. Sing. 14 (1953) 4–7.—Descr. 3 new spp.
 —, Orchids of Malaya. Revised Flora of Malaya 1 (1953) v + 753, 234 fig.—Keys; descr.
 RIDLEY, J. Linn. Soc. Bot. 32 (1896) 213–415.—List of spp. from Mal. Pen.
 —, Mat. Fl. Mal. Pen. (Monocot.) 1 (1907) 7–231.—Keys.
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 BLUME, Tabellen en platen voor de Javaansche Orchideën. Batavia (1825) text t. 1–5, fig. 1–78.—Generic key & figures.—See for a bibliogr. note on this work MANSFELD, in FEDDE, Rep. 39 (1936) 318.
 —, Flora Javae, nov. ser. vol. 1 (1858) 1–162, t. 1–66.—Col. plates & descr.
 BREDÁ, Genera et species Orchidearum et Asclepiadarum quas in itinere per insulam Java . . . collegerunt G. Kuhl & J. C. van Hasselt. 3 fasc. (1828–29).—15 col. pl. and descr.
 LOOGEN, Trop. Natuur 27 (1938) 113–115, 1 fig.—*Disperis javanica*.

- REICHENBACH, Bonplandia 5 (1857) 34-43, 53-58.—List ZOLLINGER.
- SMITH, Die Orchideen von Java. Leiden (1905) viii + 672 pp.—Rev.; keys; descr.
- , ditto Atlas, 6 parts, 483 fig. (1908-1912).
- , Die Orchideen von Java. Nachtrag I (Bull. Dép. Agric. Ind. Néerl. no 13, 1907, 1-78, 2 tab.).—Lists add.; descr.
- , ditto II (*ibid.* no 43, 1910, 1-77).—Ditto.
- , ditto III (Bull. Jard. Bot. Btzg II, no 9, 1913, 1-130).—Ditto.
- , ditto IV (*ibid.* II no 14, 1914, 1-56).—Ditto.
- , ditto V (*ibid.* II no 26, 1918, 1-135).—Ditto with key to *Luisia* & *Taeniophyllum*.
- , ditto VI (*ibid.* III, no 3, 1921, 227-333).—Keys to *Cryptostylis*, *Thrixspermum* & *Dendrocolla*, and to *Agrostophyllum*.
- , ditto VII (*ibid.* III, no 9, 1927, 23-66, Taf. 2-8).—List.
- , ditto VIII (*ibid.* III, no 16, 1939, 121-138).—List.
- , Trop. Natuur 5 (1916) 179-183.—Key to *Taeniophyllum*, & *Chiloschista*.
- , Tafeln Javanischer Orchideen I (Bull. Jard. Bot. Btzg III, 5, 1922, t. 18-37).
- , ditto II (*ibid.* III, 6, 1924, t. 1-25).
- , in FEDDE, Rep. 24 (1931) 248-252.—4 n. spp.
- Borneo: AMES, in MERRILL, En. Born. (1921) 134-204.—List.
- & SCHWEINFURTH, in AMES, Orchidaceae 6 (1920) xiv + 271 pp.—List & descr. Orchid. Mt Kinabalu; no keys.
- CARR, Gard. Bull. Str. Settl. 8 (1935) 165-240.—List CLEMENS & CARR coll. Kinabalu part 1.
- HOLTUM, Sarawak Mus. J. 5 (1949) 172-173.—New *Arachnis*.
- , *ibid.* 5 (1950) 389-390, pl. 20.—New *Vanda*.
- RIDLEY, J. Linn. Soc. Lond. Bot. 31 (1896) 261-306, t. 13-15.—Complete list.
- SMITH, J. Str. Br. R. As. Soc. no 63 (1912) 63-70.—Coll. MOULTON Sarawak.
- , Not. R. Bot. Gard. Edinb. 13 (1921) 188.—New *Chelonistele*; descr.
- , Rec. Trav. Bot. Néerl. 22 (1925) 262-267.—*Phalaenopsis denevei*.
- , Inst. Allg. Bot. Hamburg 7 (1927) 9-76, 10 pl.—List HANS WINKLER coll.
- , Bull. Jard. Bot. Btzg III, 11 (1931) 83-160.—Coll. ENDERT.
- , Brittonia 1 (1931) 105-111.—List Sarawak CLEMENS coll.
- WILLIAMS, Bot. Mus. Leaf. Harv. Univ. 6 (1938) 57-61.—3 new spp.
- Philippines: AMES, Orchidaceae 1 (1905) 63-107.—Descr. list Orch. Philip.
- , Proc. Biol. Soc. Wash. 19 (1906) 143-154.—New *Acoridiums*.
- , Philip. J. Sc. 2 (1907) Bot. 311-337.—Orchids from Mt Halcon.
- , Orchidaceae 3 (1908) 17-257.—Mixed descr.
- , Notes on Philippine Orchids with descriptions of new species I (Philip. J. Sc. 4, 1909, Bot. 593-600).
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- Rhynchosstylis (Anota):** HOLTUM, Orchid J. 2 (1953) 123–125.—*Anota* reduced; key; references.
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- , Recensio della palme del vecchio mondo appartenenti alla Tribù delle Corypheae con descrizione delle specie e varietà nuove che vi appartengono (Webbia 5, 1921, 1–70).
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- , ditto II (Ann. Jard. Bot. Btzig 1, 1876, 52–54, 103–164, pl. 1–30).—List Papuan spp. of palms; disc. & descr.; key to genera of *Arecineae*; spp. listed, exceptionally a key.
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- BLATTER, The palms of British India & Ceylon. London (1926) i–xxviii, 1–600, t. 1–106, fig. 1–27.—Descr.; keys to genera, a few to spp.
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- , Bull. Mus. Hist. Nat. Paris. 17 (1911) 148–160.—Concise key.
- GAGNEPAIN & CONRARD, Fl. Gén. Indo-Chine 6 (1937) 946–1056.
- Sumatra: MIQUEL, in MIQUEL, J. Bot. 1 (1861) 1–29.—List; some new spp.
- Malay Peninsula: BURRET, Notizbl. Bot. Gart. Berl.-Dahlem 15 (1941) 316–318.—*Symphogyne* n. g., 2 spp., formerly *Livistona rupicola*.
- FURTADO, Palmae Malesicae I (in FEDDE, Rep. 35, 1934, 273–283).—Mostly Mal. Pen. & Bornean *Pinanga*.
- , ditto II (Gard. Bull. Str. Settl. 8, 1935, 159–163).—*Nenga*; nomencl., synonym.
- , ditto III (*ibid.* 8, 1935, 241–262).—Descr. *Calamus*; also of Borneo.
- , ditto V (*ibid.* 8, 1935, 339–367).—*Daemonorops*; list.
- , ditto VI (*ibid.* 9, 1937, 152–181).—Some spp. of *Daemonorops* & *Cymbospathae*.
- , ditto VIII (*ibid.* 11, 1940, 31–73, 9 fig.).—*Licuala*; keys.
- , ditto IX (*ibid.* 11, 1941, 236–243, fig. 1–2).—2 monotypic new gen. *Liberbaileya* and *Maxburretia* (*Coryphoideae*).
- , ditto X (*ibid.* 12, 1949, 378–403).—*Salacca*; key.
- , ditto XI (*ibid.* 13, 1951, 300–324).—*Korthalsia*; key.
- , ditto XII (*ibid.* l. c. 325–338).—*Plectocomiopsis*; key.
- , ditto XIII (*ibid.* l. c. 339–344).—*Myrialepis*.
- , ditto XIV (*ibid.* l. c. 345–350).—*Plectocomia*.
- , ditto XV (*ibid.* l. c. 351–359).—*Ceratolobus*.
- , ditto XVI (*ibid.* l. c. 360–365).—*Calospatha*; key.
- , ditto (*ibid.* 14, 1953, 49–147, 41 tab.).—Rev. *Daemonorops*; plates; key!
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- , Webbia 1 (1905) 315–359.—List; descr.
- , Philip. J. Sc. 2 (1907) Bot. 219–240.—Descr. n. spp.
- , Philip. J. Sc. 3 (1908) Bot. 339–342.—List spp. of Batanes and Babuyan Isl.
- , in ELMER, Leaf. Philip. Bot. 36 (1909) 639–650.—List.
- , Philip. J. Sc. 4 (1909) Bot. 601–637, 2 pl.—Descr. new spp.
- , Philip. J. Sc. 6 (1911) Bot. 229–230.—List Polillo Isl. spp.
- , in ELMER, Leaf. Philip. Bot. 8 (1919) 2997–3067.—Descr. of spp. coll. by ELMER; also key to genera.
- , Philip. J. Sc. 14 (1919) 295–363, t. 1–3.—Revision with keys!
- FURTADO, Gard. Bull. Str. Settl. 8 (1935) 321–338.—Verification ratsans descr. by BLANCO.
- Moluccas: BECCARI, Philip. J. Sc. 12 (1917) Bot. 81.—New *Calamus* (Ambon).
- New Guinea: BECCARI, Nuovo Giorn. Bot. Ital. 20 (1888) 177–180.—New spp.
- , Webbia 1 (1905) 281–313, fig. 1–8.—New gen. & new spp.; descr. only.
- , in Nova Guinea 8 (1909) 203–220, t. 50–51.—Descr. new spp.
- , Bot. Jahrb. 52 (1914) 19–39.—List; new spp.
- , in GIBBS, Contr. Fl. Phytog. Arfak Mts (1917) 91–98, 200.—List.
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- BURRET, J. Arn. Arb. 12 (1931) 264–269.—Descr. new spp.

- , Notizbl. Berl.-Dahlem 11 (1933) 704–713.
—Descr. new *spp.*
—, *ibid.* 12 (1935) 309–348.—Descr. new *spp.*; records; no keys.
—, *ibid.* 13 (1936) 65–101.—Descr. new *spp.*, many of Solomon Isl.
—, *ibid.* 13 (1936) 317–332.—Descr. new *spp.*
—, *ibid.* 13 (1937) 468–475.—Descr. new *spp.*
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Micronesia: BECCARI, Bot. Jahrb. 59 (1924) 11–16.
—*Gulubiosis*, *Ponapea n.g.*
- Genera*
- Actinophloeus:** BURRET, in FEDDE, Rep. 24 (1928) 271–273.—List.
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Adelonenga (*Hydriastele*): BURRET, Notizbl. Berl.-Dahlem 13 (1936) 482–487.—List.
Areca (*Mischophloeus*): BURRET, Notizbl. Berl.-Dahlem 13 (1935) 199–200.—New *sp.* Celebes.
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SCHEFFER, Nat. Tijd. Ned. Ind. 32 (1873) 149–170.—List.
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Borassus: BECCARI, Webbia 4 (1914) 293–359; 373–385.—Key.
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—, Ann. R. Bot. Gard. Calc. 11 (1908) 1–518, t. 1–231.—Complete revision.
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BURRET, Notizbl. Berl.-Dahlem 15 (1943) 800–819.—Some descr. new *spp.*
Ceratolobus: BECCARI, Ann. R. Bot. Gard. Calc. 12² (1918) 18.
Cocos: BECCARI, Malpighia 1 (1887) 343–354, 441–454, t. 9; *ibid.* 2 (1888) 85–95, 147–156.—Segregation of *Cocos*.
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BURRET, Notizbl. Berl.-Dahlem 15 (1943) 797–800.—Some new *spp.*
Eugeissona: BECCARI, Webbia 4, pt 1 (1913) 190–202, fig. 8–11.—Genus transferred from the *Lepidocarpyae* to *Coccolineae*.
—, Ann. R. Bot. Gard. Calc. 12² (1918) 196–205.
Gronophyllum: BURRET, Notizbl. Berl.-Dahlem 13 (1936) 200–205.—List.
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Kentia: BECCARI, Webbia 4 (1913) 143–156.—List.
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Laccospadix: BURRET, in FEDDE, Rep. 24 (1928) 289–291.
Licuala: BECCARI, Malesia 3 (1886) 70–90.—List.
—, Webbia 5 (1921) 22–55.—Old World *spp.* key.
—, Ann. R. Bot. Gard. Calc. 13 (1931) 109–224.—Key; descr.
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Linospadix: BURRET, Notizbl. Berl.-Dahlem 12 (1935) 330–331.—List.
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—, Ann. R. Bot. Gard. Calc. 13 (1931) 227–238.—Key; descr.
Pigafetta: BECCARI, Ann. R. Bot. Gard. Calc. 12² (1918) 99–103.—Key; descr.
Pinanga: BECCARI, Malesia 3 (1886) 110–147.—Key.
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Pseudopinanga: BURRET, *Notizbl. Berl.-Dahlem* 13 (1936) 188–198.—List; segregate from *Pinanga*.
Ptychococcus: BURRET, in FEDDE, *Rep.* 24 (1928) 261–262.—List.
Ptychosperma: BURRET, in FEDDE, *Rep.* 24 (1928) 263–271.—List.
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- , Mantissa Piperacearum e speciminibus Musei Vindobonensis, Regii Monacensis et Martiana (Linnaea 20, 1847, 117–182).—Enum. and descr.

- , Piperaceae Reinwardtiana (ibid. 21, 1848, 480–486).—Enum. and descr.

- , Ann. Mus. Bot. Lugd.-Bat. 1 (1863–64) 134–141.—List new *spp.*

Local

- Malay Peninsula:** DE CANDOLLE, Rec. Bot. Surv. Ind. 6 (1912) 1–29.—Descr. new *spp.*

- Borneo:** DE CANDOLLE, Ann. Cons. Jard. Bot. Genève 21 (1920) 279–295.—Descr.

- SCHWARTZ,** Mitt. Allg. Inst. Bot. Hamburg 7 (1931) 231–234.—List; new *spp.*

- Java:** DE CANDOLLE, Ann. Cons. Jard. Bot. Genève 15–16 (1912) 231–235.—Enum.; descr. coll. HOCHREUTNER; some new *spp.*

- , Med. Rijksherb. Leiden 22 (1914) 1–7.—Enum., descr.

- , Ann. Cons. Jard. Bot. Genève 21 (1920) 271–277.

- KOORDERS,** Verh. Kon. Ak. Wet. A'dam sect. 2, 14, no 4 (1908) repr. 1–75.—Revision; keys.

- Lesser Sunda Islands:** DE CANDOLLE, Med. Rijksherb. Leiden 22 (1914) 1–7.—List, descr.

- Celebes:** DE CANDOLLE, Ann. Cons. Jard. Bot. Genève 21 (1920) 297–304.—Descr. new *spp.*

- Philippines:** DE CANDOLLE, in PERKINS, Fragm. Fl. Philip. pt 1 (1905) 153–160.—Descr.

- , in ELMER, Leaf. Philip. Bot. 3 (1910) 759–789.—Descr.

- , Philip. J. Sc. 5 (1910) Bot. 405–463.—Revision; keys!

- , in ELMER, Leaf. Philip. Bot. 6 (1914) 2291–2294.—Descr. 6 new *spp.*

- , Philip. J. Sc. 11 (1916) Bot. 207–225.—New *spp.* and records of *Piper*.

- MIQUEL ex MEYEN** in Nov. Act. Acad. Caes. Leop.-Car. 19 (1843) Suppl. 1, 483–494.—Descr.

- QUISUMBING,** Philip. J. Sc. 43 (1936) 1–246, fig. 1–124, t. 1–24.—Revision; descr. & keys!

- Moluccas:** DE CANDOLLE, Philip. J. Sc. 11 (1916) Bot. 260–261.—Descr. new *spp.* Ambon.

- , Med. Rijksherb. Leiden no 32 (1918) 1–2.—Descr. new *spp.* Key Isl.

- New Guinea:** DE CANDOLLE, Nova Guinea 8 (1910) 415–422; (1914) 1005–1010.—Descr.

- , in GIBBS, Contr. Fl. Phytog. Arfak Mts (1917) 127–128, 207–208.

- , Bot. Jahrb. 55 (1918) 204–220.—Descr.; no keys.

- , Candollea 2 (1925) 216–222.—Descr. new *spp.*

- TRELEASE,** J. Arn. Arb. 9 (1928) 146–150.—Descr. new *spp.*

- Fiji:** SMITH, J. Arn. Arb. 24 (1943) 347–361.—Crit. not. Pacific *spp.*; key to Fijian *spp.* of *Piper*.

- Hawaii:** YUNCKER, Bern. P. Bish. Mus. Bull. 112 (1933) 1–131, fig. 1–38.—Rev. *Peperomia*; keys.

- Polynesia:** YUNCKER, Bern. P. Bish. Mus. Bull. 143 (1937) 1–73, fig. 1–35.—Rev. *Peperomia*; keys.

PIROLACEAE

See Ericaceae

PITTOSPORACEAE

- BLUME, C. L., Mus. Bot. Lugd.-Bat. 1 (1850) 158-162.—Descr.; ± key.
 MIQUEL, F. A. W., Ill. Fl. Arch. Ind. (1871) 75-84, t. 34-37.—Descr.; ± key.
 PRITZEL, E., Pflanzenfamilien ed. 2, 18a (1930) 265-286.
 PUTTERLICK, A., Synopsis Pittosporacearum (in NEES, Gen. Pl. fasc. 22-24? *Non vidi*). Separate print Vienna (1839) 30 pp.—Descr. of *spp.*; partial keys to *spp.*; no key to genera.

Local

- Java: BACKER, Schoolfl. Java (1911) 73-75.
 KOORDERS & VALETON, Ic. Bog. 2 (1904) t. 138, p. 1-2.—Descr.
 New Guinea: MERRILL & PERRY, J. Arn. Arb. 21 (1940) 175-179.—Descr.; no key.
 PRITZEL, Bot. Jahrb. 62 (1929) 338-340.—Descr.; no key.
 PULLE, Nova Guinea 8 (1910) 365; (1911) 643.—Descr.

Genera

- Citriobates: BOERLAGE & KOORDERS, Ic. Bog. 1 (1901) t. 77, p. 1-2.—Descr. Jav. *sp.*
 Hymenosporum: BAKHUIZEN VAN DEN BRINK & VAN STEENIS, Blumea 7 (1952) 292.—Record from New Guinea.
 Pittosporum: GAGNEPAIN, Bull. Soc. Bot. Fr. 55 (1908) 544-548.—Descr. SE. Asiat. *spp.*
 GOWDA, J. Arn. Arb. 32 (1951) 263-343.—Rev. Sino-Indian *spp.*; keys!
 SHERFF, Field. Mus. Nat. Hist. bot. ser. 22 (1942) 467-566, 574-580.—Revision Hawaiian *spp.*; keys per island!

PLANTAGINACEAE

- PILGER, R., Bot. Jahrb. 50, 1. Suppl. (1914) 61-71.—Distr. & morph. of *Sect. Plantaginella* DECNE.
 —, Die Arten der Plantago major-Gruppe in Ostasien (Notizbl. Berl.-Dahlem 8, 1922, 104-116).—Key!
 —, Pflanzenreich Heft 102 (1937) 1-466, fig. 1-45.

Local

- Java: BACKER & VAN SLOOTEN, Theeconkruiden Java (1924) 200.
 New Guinea: MERRILL & PERRY, J. Arn. Arb. 30 (1949) 52-55.—Descr. new *spp.*
 PILGER, Bot. Jahrb. 67 (1935) 236.—Record.

PLUMBAGINACEAE

- STEENIS, C. G. G. J. VAN, Fl. Mal. I, 4 (1949) 107-112, fig. 2.

Local

- New Guinea: PULLE, Nova Guinea 8 (1910) 397.

Genera

- Plumbago: VAN STEENIS, Trop. Natuur 26 (1937) 12-13.—Key.

PODOCARPACEAE

See Coniferae

PODOSTEMACEAE

- ENGLER, A., Pflanzenfamilien ed. 2, 18a (1930) 3-68.
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 —, Fl. Mal. I, 4 (1949) 65-68, fig. 1-2; 503.

Local

- New Guinea: VAN STEENIS, J. Arn. Arb. 28 (1947) 421.

Genera

- Cladopus: MÖLLER, Ann. Jard. Bot. Btzg 16 (1899) 115-132, t. 12-15.—Type descr.
Lemnopsis = Halophila & Utricularia.
 Torrenticola: VAN STEENIS, Proc. R. Soc. Queensl. 62 (1952) 67-68, t. 2.

POLEMONIACEAE

- BACKER, C. A., Fl. Mal. I, 4 (1951) 195-196, 1 fig.
 BRAND, A., Pflanzenreich Heft 27 (1907) 1-202, fig. 1-39.

Genera

- Cobaea: STANDLEY, Contr. U. S. Nat. Herb. 17 (1914) 448-458, t. 26-31.—Revision; key.
 Polemonium: DAVIDSON, Univ. Cal. Publ. Bot. 23 (1950) 209-282, fig. 1-23.—Revision; keys.

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(incl. Xanthophyllaceae)

- CHODAT, R., Monographia Polygalacearum (Mém. Soc. Phys. Hist. Nat. Genève Suppl. 1890 (1891) 1-143, t. 1-12; 31, 1893, 1-500, t. 13-35).
 —, Polygalaceae novae vel parum cognitae V (Bull. Herb. Boiss. II, 4, 1906, 233-237).—Some new *spp.*; no keys.
 HASSKARL, J. K., Polygalaceae, praesertim indicae (Ann. Mus. Bot. Lugd.-Bat. 1, 1863-64, 142-196).—Semi-monogr.; some keys.

Local

- Indo-China: GAGNEPAIN, Suppl. Fl. Gén. Indo-China 1 (1939) 217-236; *ibid.* (1943) 237-238.—Keys.
 Sumatra: CHODAT, Bull. Herb. Boiss. 4 (1896) 234.—*Polyg. sumatrana*.
 MERRILL, Contr. Arn. Arb. 8 (1934) 84-85.—Crit. not. *P. pulchra*.
 RIDLEY, J. Mal. Br. R. As. Soc. no 87 (1923) 53.—List 5 records.
 Borneo: CHODAT, in MERRILL, Plant. Elm. Born. (1929) 133-137.—Rev. & new *spp.* of *Xanthophyllum*; no key.
 FISCHER, Kew Bull. (1932) 176-177.—New *Xanthophyllum*.
 RIDLEY, Kew Bull. (1938) 113-115.—New *Xanthophyllums*.
 AIRY SHAW, Kew Bull. (1940) 252-253.—Records Oxf. Univ. Exp.
 Philippines: CHODAT, Bull. Herb. Boiss. 4 (1896) 233.
 ELMER, Leaflet Philip. Bot. 5 (1913) 1671-1678.—Descr. new *Securidaca* & *Xanthophyllums*.

- , *ibid.* 10 (1939) 3776–3777.—New *Xanthophyllum*.
 MERRILL, Philip. J. Sc. 27 (1925) 29–30.—New *Xanthophyllum*.
 New Guinea: KASSAU, in FEDDE, Rep. 35 (1934) 160.—Descr. 2 *Securidacae*.
 SMITH, in FEDDE, Rep. 10 (1912) 486.
 —, Nova Guinea 8 (1912) 897–898, t. 158.—Descr. *Epirixanthes papuana*.
 WENT, Nova Guinea 8 (1909) 169.

Genera

- Epirixanthes*: PENZIG, Ann. Jard. Bot. Btzig 17 (1901) 142–170, t. 20–26.—Anat.
 VAN STEENIS, Trop. Natuur 23 (1934) 51.—Key.
 —, Bull. Bot. Gard. Btzig III, 17 (1948) 461.—Generic syn.
Eriandra: VAN ROYEN & VAN STEENIS, J. Arn. Arb. 33 (1952) 91–96, 1 fig.—End. new genus of New Guinea.
Semelocardium. See *Balsaminaceae*.
Xanthophyllum: CHODAT, Bull. Herb. Boiss. 4 (1896) 254–264.—Conspectus; new *spp.*; no key.
 GAGNEPAIN, in MOROT, J. de Bot. 21 (1908) 241–253.—Discuss. taxon.; key!
 MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 1 (1864) 271–277, 317–318.—Descr.

POLYGONACEAE

- BRUYN, A. J. DE, in MIQUEL, Pl. Jungh. (1854) 302–311.—No key.
 DANSER, B. H., Die Polygonaceen Niederländisch-Ostindiens (Bull. Jard. Bot. Btzig III, 8, 1927, 117–261, fig. 1–17).—Rev.; keys.
 —, *ibid.* III, 12 (1932) 65–70, 3 fig.—Descr. some *Rumex* and *Polygonum* hybrids from Java.
 HEDBERG, O., Pollen morphology in the genus *Polygonum* L. sens. lat. and its taxonomic significance (Svensk Bot. Tidskr. 40, 1946, 371–404, fig. 1–47).—Pollen types are typical for segregate genera; proposed segregation and key to these.
 MEISSNER, C. F., in MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 2 (1865) 55–65.—List; descr.; no key.

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- Java: DANSER, Med. Proefst. Thee no 98 (1926) 16 pp., 9 fig.—Descr. & fig. *Polyg.* of tea plantations; key.
 —, in BACKER, Bekn. Fl. Java (em. ed.) 4A (1942) fam. 60.
 New Guinea: DANSER, Nova Guinea 14 (1927) 333–336.
 —, Bull. Jard. Bot. Btzig III, 13 (1935) 429–431.—List of records; no key.
 MERRILL & PERRY, J. Arn. Arb. 23 (1942) 384–385.—Records.
 —, *ibid.* 29 (1948) 154.—New record *P. attenuatum*.
 PULLE, Nova Guinea 8 (1910) 359; (1911) 625–626.—Records; descr. *Muehl. monticola*.

Genera

- Muehlenbeckia*: DANSER, Bull. Jard. Bot. Btzig 16 (1940) 324–328.—Descr. Pap. & Queensl. *spp.*

- Polygonum*: DANSER, Bull. Jard. Bot. Btzig III, 8 (1926) 25–31.—Syn. *Reynoutria* & *Truellum*.
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 STEWARD, Contr. Gray Herb. Harv. Univ. 88 (1930) 3–129, t. 1–4.—Revision *E. Asiat. spp.*; keys.
Rumex: RECHINGER, Beih. Bot. Centralbl. 49, ii (1932) 1–132.—Prelim. to monogr.; no keys.
 —, Bot. Notiser, Suppl. 3:3 (1954) 1–114.—Monogr. African *spp.*

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- BACKER, C. A., Fl. Mal. I, 4 (1951) 255–261, fig. 1–3.
 SCHWARTZ, O., Anatomische, morphologische und systematische Untersuchungen über die Pontederiaceen (Beih. Bot. Centralbl. 42, i, 1926, 263–320).—No taxon.
 —, Zur Systematik und Geographie der Pontederiaceen (Bot. Jahrb. 61, 1927, Beibl. 139, p. 28–50).—Syst. geogr. disc.; partial key.
 —, Pflanzenareale II, 2 (1928) Karten 11–17.—Geogr. maps.
 —, Pflanzenfamilien ed. 2, 15a (1930) 181–188, fig. 67–71.
 SOLMS-LAUBACH, H., in DC. Monogr. Phan. 4 (1883) 501–535.—Rev.; keys.

Local

- Java: BACKER, Handb. Fl. Java 3 (1924) 39–42.—Key.
 New Guinea: HALLIER, f., Nova Guinea 8 (1913) 909.—One record.
 VAN STEENIS, J. Arn. Arb. 28 (1947) 419.—Record.

PORTULACACEAE

- PAX, F. & K. HOFFMANN, Pflanzenfamilien ed. 2, 16c (1934) 234–262, 587.

Local

- Java: BACKER, Schooffl. Java (1911) 84–85.—Key.
 New Guinea: MERRILL & PERRY, J. Arn. Arb. 23 (1942) 386.—*Montia* recorded!
 PULLE, Nova Guinea 8 (1910) 357.—*P. oleracea*.

Genera

- Portulaca*: VON POELLNITZ, in FEDDE, Rep. 37 (1934) 240–320.—Precurs. to monogr.; keys!
Talinum: VON POELLNITZ, Ber. Deut. Bot. Ges. 51 (1933) 112–127.
 —, in FEDDE, Rep. 35 (1934) 1–34.—Monogr.

POTAMOGETONACEAE

- ASCHERSON, P., Nuovo Giorn. Bot. Ital. 3 (1871) 299–302.—List marine *spp.* of BECCARI coll.; em. descr. of *Halophila* with a new *sp.*
 — & P. GRAEBNER, Pflanzenreich Heft 31 (1907) 1–184, fig. 1–36.
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 —, Webbia 8 (1952) 435.—List records of BECCARI coll. *ditto*.

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- Java:** BACKER, Handb. Fl. Java pt 1 (1924) 47–51.
Philippines: BENNETT, Philip. J. Sc. 9 (1914) Bot. 339–344; *ibid.* 40 (1929) 183.—List; descr. new *spp.*
Australia: OSTENFELD, Dansk Bot. Ark. 2 (6) (1916) 1–44.—W. Australian seagrasses.
 —, Proc. R. Soc. Victoria n.s. 42 (1929) 1–3.—List Austr. *spp.* of marine representatives.
 —, *ibid.* 43 (1930) 1 pp.—Additions.

Genera

- Potamogeton:** BENNETT, J. Bot. 28 (1890) 297–302; *ibid.* 29 (1891) 121–122, 150–152, 154, 186.—List; nomencl.; notes on *P. javanicus*.
 —, J. Bot. 65 (1927) 113–116.—Various notes; also *P. javanicus*.
 HAGSTRÖM, Critical researches on the Potamogetons (Kungl. Svenska Vet.-Ak. Handl. 55^s (1916) 1–281, fig. 1–119).—Revision; no key!
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 VAN STEENIS, Arch. Hydrobiol. Suppl. 10 (1932) 268–271, fig. 1.—List; crit. notes.
Ruppia: SETCHELL, Proc. Calif. Acad. Sc. IV, 25 (1946) 469–478, t. 47–48).—Revision.

PRIMULACEAE

- PAX, F. & KNUTH, R., Pflanzenreich Heft 22 (1905) 1–386, fig. 1–75, 2 maps.
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Local

- Sumatra:** MERRILL, Not. Nat. Acad. Nat. Sc. Philad. no 47 (1940) 6–7.—Descr. new *Primula*.
 SMITH, W. W., Trans. & Proc. Bot. Soc. Edinb. 35 (1950) 181–182.—Discuss. *Primula sumatrana*.
Malay Peninsula: HENDERSON, J. Mal. Br. R. As. Soc. 17 (1939) 53.—Record of *Lysimachia peduncularis*.
Java: BACKER, Bekn. Fl. Java (em. ed.) 8 (1949) fam. 180, p. 1–4.—Keys; in Dutch.
New Guinea: MERRILL & PERRY, J. Arn. Arb. 29 (1948) 162–163.—Record.
 WENT Jr, Nova Guinea 14 (1924) 113.—List.

Genera

- Lysimachia (Orescia):** HANDEL-MAZZETTI, Not. R. Bot. Gard. Edinb. 16 (1928) 51–123.—New system of genus; revision Chinese *spp.* with a key.
 —, Pflanzenareale 2^s (1929) 39–41, Karten 44–49.—Distr.
 VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 458.—Syn.
Primula: ERNST, Ann. Jard. Bot. Btzg 49 (1940) 99–161.—Flower morph. of *P. imperialis*.
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 SMITH, W. W. & FLETCHER, Trans. & Proc. Bot. Soc. Edinb. 33 (1941) 122–181.—Rev. § *Candelabra*; key.
 — & FORREST, J. R. Hort. Soc. Lond. 54 (1928)

4–49, fig. 1–70.—Definition & keys to sections; synopsis of species.

PROTEACEAE

- SLEUMER, H., Proteaceae Americanae (Bot. Jahrb. 76, 1954, 139–211).—Keys!

Local

- Malay Peninsula:** SYMINGTON, Kew Bull. (1937) 319.—Syn. *Helicia excelsa*.
Borneo: MERRILL, Plant. Elm. Born. (1929) 52–53.—Records.
Moluccas: MIQUEL, Ann. Mus. Bot. Lugd.-Bat. I (1864) 204.—Descr. *spp.* Ambon.
New Guinea: DIELS, Bot. Jahrb. 50 (1913) 328–334.—Keys!
 —, *ibid.* 54 (1917) 198–206.—No keys.
 —, Nova Guinea 14 (1923) 74.
 LAUTERBACH, Nova Guinea 8 (1910) 285; (1912) 811.—Records.
 VON MUELLER, Vict. Nat. 3 (1886) 63–64.—Descr.
 SLEUMER, Bot. Jahrb. 70 (1939) 125–148.—Compl. revision; keys!
 —, Bot. Jahrb. 76 (1954) 139–211.
 WHITE, Proc. R. Soc. Queensl. 34 (1922) 24–27.—Records; descr.
 —, J. Arn. Arb. 10 (1929) 209–210.—Records; a new *Helicia*.

Genera

- Finschia:** SLEUMER, Bot. Jahrb. 70 (1939) 126.—Red. to *Grevillea*.
 WARBURG, Bot. Jahrb. 13 (1891) 297–298.
 WHITE, Pac. Sc. 3 (1949) 187–194, 3 fig.—Revision; key.
Grevillea: SLEUMER, Bot. Jahrb. 70 (1939) 126–130.—Key.
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Macadamia: JOHNSON, Proc. Linn. Soc. N. S. W. 79 (1954) 15–18.—Descr. new *sp.* allied to *M. ternifolia*.
 VAN STEENIS, Reinwardtia 1 (1952) 467–481, 2 fig.—New *sp.* from Celebes.

PUNICACEAE

- BACKER, C. A., Fl. Mal. I, 4 (1951) 226–227, fig. 1.

Local

- Java:** BACKER, Bekn. Fl. Java (em. ed.) 4a (1942) fam. 74.
Punica: CAIRNS, J. Bomb. Nat. Hist. Soc. 42 (1940) 13–37.—*P. granatum*.

RAFFLESIIACEAE

- HARMS, H., Pflanzenfamilien ed. 2, 16b (1935) 243–281.
 KOORDERS, S. H., Botanisch overzicht der Rafflesiaceae van Nederlandsch-Indië (1918) vi, 1–128, t. 1–18.—Revision; in Dutch; keys.
 SOLMS-LAUBACH, H., Pflanzenreich Heft 5 (1901) 1–19, fig. 1–13.

Local

Sumatra: SURINGAR in BOERLAGE, in VETH, Midden-Sumatra 4, 2 (1884) 26-30, 2 pl.—Descr. *Rafflesia hasseltii*; discussion specific differences in the genus; in Dutch.

Java: BLUME, Flora Javae fasc. 1-2 (1828) 1-26. VAN STEENIS, Trop. Natuur 23 (1934) 47-48.—Key.

Borneo: BECCARI, Atti Soc. Ital. Sc. Nat. 11 (1868) repr. 1-2.—Descr. new *Brugmansia* and *Rafflesia*.

—, Nuovo Giorn. Bot. Ital. 1 (1869) repr. 20-27, t. 5.—Descr. new *Brugmansia*.

Genera

Mitrastemon: HAYATA, Ic. Plant. Formos. 3 (1913) 156, 199-213.—Syst. position of genus. Cf. also Bot. Jahrb. 51 (1913) 164-176.

JOCHEMS, Rec. Trav. Bot. Néerl. 25a (1928) 203-207.—Descr. N. Sumatran new sp.

MATUDA, Bull. Torrey Bot. Club 74 (1947) 133-141.—Key!

PALM, Medd. Göteb. Bot. Trädg. 9 (1934) 147-152, 1 fig.—Record from Sumatra; descr.

WATANABE, J. Jap. Bot. 12 (1936) 603-618.—Revision; key.

YAMAMOTO, Bot. Mag. Tokyo 50 (1936) 539-541.—First record from Mexico.

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SOLMS-LAUBACH, Ann. Jard. Bot. Btzig 9 (1891) 184-246, t. 25-28.—Descr.

—, Ann. Jard. Bot. Btzig Suppl. 3 (1910) 1-7.—Descr. *R. cantleyi* from the Malay Peninsula.

VAN STEENIS, c.s., Bull. Brit. Mus. (Nat. Hist.) hist. ser. 1 (1954) 56, 61, t. 13.—First collection ever made of *Rafflesia* by DESCHAMPS.

Rhizanthus (*Brugmansia* BL., *Mycetanthe*): BLUME, in VAN HALL, Bijdr. Nat. Wet. 2 (1827) 422-423. FAWCETT, Trans. Linn. Soc. Lond. II, Bot. 2 (1886) 244-245, t. 36.—Descr. *B. lowii*.

HARMS, in FEDDE, Rep. 36 (1934) 286-287.—Nomencl.

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HUTCHINSON, J., Kew Bull. (1923) 75-89.—Key to tribes and genera.

KORTHALS, P. W., Ned. Kruidk. Arch. 1 (1847) 207-211.—Census Indonesian representatives.

PRANTL, K., Beiträge zur Morphologie und Systematik der Ranunculaceen (Bot. Jahrb. 9, 1887, 225-273).—Contr. morphol. & taxon.; partial keys to spp.

STEENIS, C. G. G. J. VAN, Bull. Jard. Bot. Btzig III, 13 (1934) 238-240.—List mountain spp.

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Sumatra: VAN STEENIS, Bull. Bot. Gard. Btzig III, 17 (1948) 403-404.—*Anemone rivularis*.

Borneo: STAPF, Trans. Linn. Soc. Lond. II, Bot. 4 (1894) 127-128.—Descr.

Java: BACKER, Schooffl. Java (1911) 5-8.—In Dutch; key.

New Guinea: DIELS, Bot. Jahrb. 62 (1929) 479.—Descr.

MERRILL & PERRY, J. Arn. Arb. 24 (1943) 34-41.—Descr.!

—, *ibid.* 29 (1948) 154-155.—Records.

PULLE, Nova Guinea 8 (1911) 631.

Genera

Aconitum: STAPF, Ann. Roy. Bot. Gard. Calc. 10 (1905) 115-197, t. 92-116.—Revision *Asiat. spp.*; key.

Anemone: PRITZEL, Linnaea 15 (1842) 561-698, t. 1-6.—Revision, no key.

ULBRICH, Bot. Jahrb. 37 (1905) 172-334, 37 fig.—Infrageneric segr.; geogr. census of species; no key.

Aquilegia: BRÜHL, J. As. Soc. Beng. 61, ii (1892) 270-324, t. 3-6.—Rev. Ind. *spp.*; no key.

MUNZ, Gentes Herb. 7 (1946) 1-150, fig. 1-38.—Monogr.; keys.

Clematis: HALLIER f., Ann. Jard. Bot. Btzig 14 (1897) 248-276, t. 18-20.—No key.

KUNTZE, Verh. Bot. Ver. Prov. Brandenburg 26 (1885) 83-202. Nachtr. in Verh. Zool.-Bot. Ges. Wien 37 (1887) 47-50.—Monogr.; keys.

Delphinium: HUTH, Bot. Jahrb. 20 (1895) 322-499, t. 6-8.—World monogr.

Thalictrum: BOIVIN, Rhodora 46 (1944) 337-377, 391-445, 453-487, fig. 1-114.—Revision Amer. *spp.* and their Old World allies; keys.

LECOYER, Bull. Soc. Roy. Bot. Belg. 24 (1885) 78-325, t. 1-5.—Monogr.; key.

VON REGEL, Bull. Soc. Nat. Moscou 34, 1 (1861) 14-63, 3 pl.—Key to *spp.* of Russia, Siberia, and N. China.

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STEUDEL, E. G., Synopsis plantarum Glumacearum pars II. Stuttgart (1855) 246-266.—Enum. descr. in Latin.

Local

Malay Peninsula: RIDLEY, Fl. Mal. Pen. 5 (1925) 136.—Descr. *Leptocarpus disjunctus* MAST.

RHAMNACEAE

SUESSENGUTH, K., Pflanzenfamilien ed. 2, 20d (1953) 7-173, fig. 1-49.

Local

Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 96-97.—Critical notes.

Malay Peninsula: SYMINGTON, Mal. Br. R. As. Soc. 14 (1936) 350.

Borneo: RIDLEY, Kew Bull. (1931) 493-495.—New *spp.* of *Ventilago* and *Zizyphus*; new records.

SUESSENGUTH & OVERKOTT, in FEDDE, Rep. 50 (1941) 330-331.—New *Zizyphus*.

- Java:** BACKER, Schoolfl. Java (1911) 239-244.
 — & BAKHUIZEN VAN DEN BRINK Jr, *Blumea* 5 (1945) 519-521.—List.
Philippines: MERRILL, Philip. J. Sc. 27 (1925) 35.—Record of *Sageretia hamosa* BRONGN.
 —, Philip. J. Sc. 30 (1926) 408.—New *Zizyphus*.
New Guinea: LAUTERBACH, Bot. Jahrb. 57 (1922) 326-340.—Keys.
 —, Bot. Jahrb. 59 (1925) 536-537.—A new doubtful *Rhamnus*.
 MANSFELD, Notizbl. Berl.-Dahlem 10 (1928) 222-224, fig. 2.—New *Alphitonia*.
 MERRILL & PERRY, J. Arn. Arb. 20 (1939) 337-339.—Descr.
 —, J. Arn. Arb. 22 (1941) 263-264.—New *Ventilago* & *Colubrina*.
 WENT Jr, Nova Guinea 14 (1924) 110-111.

Genera

- Alphitonia:** BRAID, Kew Bull. (1925) 168-186.—Revision; key!
Rhamnus: VAN STEENIS, J. Bot. 72 (1934) 6-7.—New *spp.* Borneo & Sumatra.
 —, Bull. Jard. Bot. Btzg III, 13 (1934) 240.—List mountain *spp.*
Sageretia: DRUMMOND & SPRAGUE, Kew Bull. (1914) 175.—Correction on next paper.
 SCHNEIDER, in SARGENT, Pl. Wils. 2 (1914) 226-231.—Revis. *Asiat. spp.*; key.
Smythea: SUMMERHAYES, Kew Bull. (1928) 389.—*S. lanceata* (TULASNE) SUMMERHAYES correct name for *S. pacifica*.
Ventilago (Apterion): BENTHAM, J. Linn. Soc. Bot. 5 (1861) 75-77.—Revision; no key.
 MERRILL, Philip. J. Sc. 11 (1916) Bot. 287.—New *sp.* from Ambon.
 RIDLEY, Fl. Mal. Pen. 5 (1925) 300.
 VAN STEENIS, *Blumea* 7 (1954) 597.—Distr. *V. oblongifolia*.
Zizyphus: SANTAPAU, J. Bombay Nat. Hist. Soc. 51 (1953) 801-804.—Remarks on nomencl. of genus & *spp.*; distinction of 4 Deccan *spp.*; no key.
 VAN STEENIS, *Blumea* 7 (1954) 595-596.—Syn. & distr. *Z. grewoides*.

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- BENTHAM, G., Synopsis of the Legnotideae, a tribe of the Rhizophoraceae (J. Linn. Soc. Bot. 3, 1858, 65-80).—Synopsis.
 BLUME, C. L., Mus. Bot. Lugd.-Bat. 1 (1849-'50) 126-145.—Census; descr.
 MIQUEL, F. A. W., Ann. Mus. Bot. Lugd.-Bat. 2 (1865) 66-67.—Only subfam. *Legnotideae*. List; no key.
 VALETON, TH., Bull. Jard. Bot. Btzg III, 2 (1920) 346-348.—New *Carallia*; new var. in *Pellacalyx*.

Local

- Malay Peninsula:** KING, J. As. Soc. Beng. 66, ii (1897) 311-326.—Keys.
Borneo: RIDLEY, Kew Bull. (1938) 282-283.—Descr. new *Carallia*.
Java: BACKER, Schoolfl. Java (1911) 478-486.—In Dutch; keys.

- New Guinea:** PULLE, Nova Guinea 8 (1910) 393-394; (1912) 679.
 WHITE, Proc. R. Soc. Queensl. 34 (1922) 46.—List.

Genera

- Anisophyllea:** BURKILL, Gard. Bull. Str. Settl. 4 (1927) 426.—Syn. of *A. grandis*.
 SANDWITH, Kew Bull. (1952) 303-306.—Record from America.
Bruguiera: MERRILL, Trans. Am. Phil. Soc. Philad. n.s. 24² (1935) 282.—Nomencl.
Combretocarpus: AIRY SHAW, in HOOK. Ic. Pl. (1937) t. 3335.—Ample discussion of ecol. and morphol.
Pellacalyx (Craterianthus): KORTHALS, Tijds. Nat. Gesch. & Phys. 3 (1836) 20-22.—Descr.
 SCORTECHINI, Nuovo Giorn. Bot. Ital. 17 (1885) 140-144.—*P. saccardianus* n. sp.
 VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 457.—Synonymy.
Rhizophora: SALVOZA, Univ. Philip. Nat. & Appl. Sc. Bull. 5 (1936) 179-237, t. 1-9.—Revision whole genus; key.

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- BLUME, C. L., Mélanges botaniques (Flora 41, 1858, 255-256).—Concise review of an unpublished paper of BLUME by HASSKARL.
 KORTHALS, P. W., Nat. Tijds. Ned. Ind. 7 (1854) 206-212.—Latin diagn.
 —, Bijdrage tot de kennis der Chrysobalanaceae van Nederlandsch Oost-Indië (Ned. Kruidk. Arch. 3, 1855, 384-388).—Copy of the above; descr. 3 new genera.
 MIQUEL, F. A. W., Chrysobalanaceae quaedam Indicae (Ann. Mus. Bot. Lugd.-Bat. 3, 1867, 236-237).—List.
 STEENIS, C. G. J. VAN, Bull. Jard. Bot. Btzg III, 13 (1934) 240-246.—List mountain *spp.*

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- Sumatra:** MERRILL, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 155-157.—Descr. new *Photinia*, 2 new *Pygeums*.
 —, Not. Nat. Acad. Nat. Sc. Philadelphia no 47 (1940) 3.—Record *Potentilla*.
Malay Peninsula: HENDERSON, Gard. Bull. Str. Settl. 7 (1933) 101-103.—2 new *spp.*
Borneo: MERRILL, J. Str. Br. R. As. Soc. no 76 (1917) 81-83.—New records in *Parinari*, new *spp.* of *Pygeum*.
 —, Plant. Elm. Born. (1929) 92-94.—New *Parinaris*.
 RIDLEY, Kew Bull. (1938) 280-282.—Records of *Rubus* & new *Pygeum*.
Java: BACKER, Schoolfl. Java (1911) 443-465.
 DOCTERS VAN LEEUWEN, Trop. Natuur 18 (1929) 148-151, fig. 1-3.—*Rubus calycinus* in E. Java.
 KOORDERS, Bull. Jard. Bot. Btzg III, 1 (1918) 84-85, t. 5.—Key to *Prunus*; one new *sp.*
 VAN STEENIS, Trop. Natuur 21 (1932) 103-104, fig. 3-4.—*Potentilla mooniana*.
 —, Trop. Natuur 24 (1935) 122, fig. 1.—*Rubus calycinus* in E. Java.

- Lesser Sunda Islands:** FOCKE, Med. Rijksherb. Leiden no 14 (1912) 39-40.—List *Rubus* coll. ELBERT.
- VON MALM, Notizbl. Berl.-Dahlem 11 (1932) 630.—New *Parinari* from Flores.
- Philippines:** ELMER, Leaf. Philip. Bot. 2 (1908) 445-462.—Revision of Philippine *Rubus*; key! —, *ibid.* 5 (1913) 1621-1628.—Census descr. Philip. *Pygeum*.
- , *ibid.* 10 (1939) 3777-3778.—New *Rubus*.
- & FOCKE, *ibid.* 5 (1913) 1617-1619.—Descr. 2 new spp. *Rubus*.
- MERRILL, Philip. J. Sc. 29 (1926) 480.—New *Potentilla*.
- , *ibid.* 30 (1928) 395-396.—New *Pygeum*.
- New Guinea:** BAKER, J. Bot. 61 (1923) Suppl. 13.—New *Angelisia*.
- DIELS, Bot. Jahrb. 62 (1929) 480-482.—Notes on *Acaena*, *Potentilla*, and *Rubus*.
- FOCKE, Abh. Naturw. Ver. Bremen 13 (1894) 161-166.—Records of *Potentilla*, *Rubus*; some new.
- , Bot. Jahrb. 54 (1916) 69-73.—List spp. NE. part, some new.
- MERRILL & PERRY, J. Arn. Arb. 21 (1940) 179-198.—New spp. in *Potentilla*, *Pygeum*, *Parastemon*, and *Rubus*; no key.
- , *ibid.* 22 (1941) 256.—Note on *Parastemon*.
- PULLE, Nova Guinea 8 (1910) 367.
- , *ibid.* 8 (1912) 647.—New *Rubus*.
- RIDLEY, Trans. Linn. Soc. Lond. II, Bot. 9 (1916) 35-37.—On *Rubus* & *Potentilla*.
- WHITE, J. Arn. Arb. 31 (1950) 86-88.—New spp. of *Parinari*.

Genera

- Acaena:** BITTER, Bibl. Bot. Heft 74 (1910-1911) 1-336, t. 1-37.—Revision; key.
- , in FEDDE, Rep. 10 (1912) 498-501.—Suppl. notes to revision.
- Alchemilla:** ROTHMALER, in FEDDE, Rep. 38 (1935) 33-43.
- , *ibid.* 40 (1936) 208-212.—Sect. div.
- Angelesia** (*Trichocarya*): BOERLAGE & KOORDERS, Ic. Bog. 1 (1901) t. 96.
- Eriobotrya:** CARDOT, Bull. Mus. Hist. Nat. Paris 25 (1919) 205-207.—Critical notes; census Paris sheets.
- Geum:** BOLLE, in FEDDE, Rep. Beih. 72 (1933) 119 pp.—Revision; with keys.
- Inodaphnis** = *Microcos* (*Tiliaceae*).
- Parastemon** (*Diemenia*): BOERLAGE & KOORD., Ic. Bog. 1 (1901) t. 97.
- KORTHALS, Nat. Tijd. Ned. Ind. 7 (1854) 212.
- Parinari** (*Cyclandrophora*, *Parinarium*): BLUME, Mus. Bot. Lugd.-Bat. 2 (1852) 94-99.—Descr.
- KANEHIRA, J. Japan. Bot. 16 (1940) 471-475, 4 fig.
- VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 461.—Synon.
- Potentilla:** WOLFF, Bibl. Bot. Heft 71 (1908) 1-715, 20 tab., 2 maps.—Monogr.; keys. Obsolete for Malaysia.
- Prunus:** KOEHNE, in SARGENT, Pl. Wils. pt 2 (1912) 196-282.—Principally account of Chin. spp.; subdivision genus; keys to spp. in some subgen. & sect.
- Pygeum:** KOEHNE, Bot. Jahrb. 51 (1913) 177-224.—Unsatisfactory & very incomplete now; geogr. key.
- , *ibid.* 52 (1915) 334-345.—Suppl. notes; descr. new spp.
- MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 1 (1864) 212.—Descr.
- Rosa:** BOULENGER, Bull. Jard. Bot. Brux. 13 (1935) 165-266.—Revision of some groups of *Rosa* & *Eglanteria* in Asia.
- , *ibid.* 14 (1936) 115-221, (1937) 274-292.
- , *ibid.* 14 (1937) 241-273.—Introd. to taxon. of genus.
- Rubus:** FOCKE, Bot. Jahrb. 1 (1881) 87-103.—General disc. taxon.
- , Bibl. Bot. Heft 72 (1910) 1-120, fig. 53; *ibid.* (1911) 121-223, fig. 54-87; *ibid.* Heft 83 (1914) 1-274, fig. 88-155.—Revision; keys.

ROXBURGHACEAE

See *Stemonaceae*

RUBIACEAE

- BAKHUIZEN VAN DEN BRINK Jr, R. C., Notes on Malaysian Rubiaceae (*Blumea* 7, 1953, 329-338).—Critical notes; new descr.
- HAVILAND, G. D., A revision of the tribe Naucleae (J. Linn. Soc. Lond. Bot., 33, 1897, 1-94, t. 1-4).—Monogr. of the tribe; keys!
- KORTHALS, P. W., Over het geslacht *Nauclea* en eenige verwante geslachten (in TEMMINCK, Verhand. (Botanie), 1842, 150-174, pl. 32-35, 48.—Deals with the tribe *Naucleae*.
- , Overzicht der Rubiaceën van de Nederlandsch-Oostindische Koloniën (Ned. Kruidk. Arch. 2³, 1851, 99-136, 145-269).—Disc. & enum. Neth. East Indian spp. & genera.
- MIQUEL, F. A. W., in DE VRIESE, Plant. Ind. Bat. Orient. (1856) 156-160.—Descr. of some spp. from herb. REINWARDT, mainly from Java.
- , De quibusdam Rubiaceis, Apocynaeis et Asclepiadeis (Ann. Mus. Bot. Lugd.-Bat. 4, 1869, 128-137).—Descr. of various genera & spp.
- , Eclogie Rubiacearum archipelagi Indici (*ibid.* 4, 1869, 179-213, 221-262).—*Ditto*; no keys.
- RIDLEY, H. N., Notes on some Malayan Rubiaceae (Kew Bull. 1939, 493-513, *sphalm.* 593-613).—Crit. notes on various genera & spp.
- ROBIJNS, W., Tentamen monographiae Vangueriae generumque affinium (Bull. Jard. Bot. Brux. 11, 1928, 1-359, fig. 1-36).—Monogr. of *Vangueria* and segregates; keys.
- STEENIS, C. G. G. J. VAN, Bull. Jard. Bot. Btzg III, 13 (1934) 246-248.—List mountain spp.
- VALETON, TH., in Ic. Bog. 2 (1903-1906) t. 141-148, 183-184.—Descr. various records and spp.
- , *ibid.* 3 (1906-1909) t. 221 (BACKER), 247-248, 267-273, 278-299.—*Ditto*.
- , *ibid.* 4 (1913) t. 355-366.—*Ditto*.

Local

- Siam:** RIDLEY, Kew Bull. (1931) 441-448.—Descr. & new spp. coll. KERR.

- Sumatra:** MERRILL, Contr. Arn. Arb. 8 (1934) 156-164.—List.
 —, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 194-199.—Descr. new *spp.*
 —, Pap. Mich. Acad. Sc. 23 (1937) 1938, 191-202.—Descr. new *spp.*
 VALETON, Ic. Bog. 4 (1914) t. 390.—New *sp.* from Billiton.
- Malay Peninsula:** CORNER, Gard. Bull. Str. Settl. 10 (1939) 46-55.—Critical notes.
 RIDLEY, J. Bot. 66 (1932) 191-197, 219-226.—Census of *Urophyllum* in Malaya; no key.
 —, *ibid.* 72 (1934) 251-257, 271-274.—Descr. of new *Ixora*, *Tarenna*, *Gardenia*, *Geocardia*.
 SCORTECHINI, J. Bot. 22 (1884) 369-370.—Descr. *Creaghia* (= *Mussaendopsis*).
- Java:** BACKER, Onkruidfl. Jav. Suiker. (1931) 685-722.
- Borneo:** MERRILL, J. Str. Br. R. As. Soc. no 76 (1917) 117.—New *Uncaria*.
 —, *ibid.* no 77 (1917) 238-245.—Descr. new *Timonius* from Borneo.
 —, J. R. As. Soc. Mal. Br. 1 (1923) 37-44.—Descr. new *spp.*
 —, Sarawak Mus. J. 3 (1928) 534-537, 553-556.
 —, Mitt. Inst. Allg. Bot. Hamb. 7 (1937) 270-301.—Descr. & new records.
 RIDLEY, Sarawak Mus. J. 1 (1912) 30-32.—Descr. of some new *spp.*
 —, Kew Bull. (1934) 119-120.—Descr. 3 new *spp.*
 STAPP, Trans. Linn. Soc. Lond. II, Bot. 4 (1894) 168-187.—List; descr. new *spp.*
 VAN STEENIS, J. Bot. 72 (1934) 9.—Descr. *Coptosapelta montana*.
 WERNHAM, J. Linn. Soc. Bot. 42 (1914) 87-97.—Descr. & records.
- Celebes:** BREMEKAMP, Blumea 5 (1945) 587-591, fig. 11-12.—Records & descr. new *spp.*
 KOORDERS, Suppl. Flora N.O. Celebes 2 (1922) t. 123-127; *ibid.* 3 (1922) 58-60.—Descr. new *spp.*
- Moluccas:** BREMEKAMP, Blumea 5 (1942) 243-251.—List Talaud & Morotai.
- Philippines:** ELMER, Leaf. Philip. Bot. 1 (1906) 1-41.—Survey of fam.; keys to *spp.*
 —, *ibid.* (1906) 63-73.—Addit. new *spp.*
 —, *ibid.* 3 (1911) 971-1046.—New & noteworthy *spp.*
 —, *ibid.* 4 (1912) 1327-1362.—New *spp.* & records from Palawan Island.
 —, *ibid.* 5 (1913) 1855-1905.—New *spp.* & records from Mt Urdaneta (Mindanao).
 —, *ibid.* 9 (1934) 3209-3216.—New *spp.* from Mt Pinatubo (Luzon).
 —, *ibid.* 9 (1937) 3242-3272.—Various new *spp.*
 —, *ibid.* 10 (1939) 3778-3781.—Two new *spp.*
 MERRILL, Philip. J. Sc. 8 (1913) Bot. 31-62, t. 1.—Descr. new *spp.*, records, critical notes on synon.
 —, *ibid.* 10 (1915) Bot. 99-144.—*Ditto*.
 —, *ibid.* 12 (1917) Bot. 159-176.—Descr. new *spp.*
 —, *ibid.* 17 (1920) 425-485.—Descr. new *spp.*
 —, *ibid.* 26 (1925) 492-496.—Descr. new *spp.*
 —, *ibid.* 27 (1925) 55-59.—Descr. new *spp.*
 —, *ibid.* 29 (1926) 489-495.—Descr. new gen. & *spp.* from Bohol & Mindanao.
 —, *ibid.* 35 (1928) 7-9.—New comb. for Philip. '*Plectronia*'.
 QUISUMBING, Philip. J. Sc. 41 (1930) 360-368.—Descr. new *spp.*
 — & MERRILL, Philip. J. Sc. 37 (1928) 200-211.—Descr. new *spp.*
- New Guinea:** DIELS, Bot. Jahrb. 62 (1929) 493-494.—New *Galium*.
 MERRILL & PERRY, J. Arn. Arb. 25 (1944) 183-205; *ibid.* 26 (1945) 1-36, 1 pl., 229-266; *ibid.* 27 (1946) 193-233.—Account BRASS coll.; no keys.
 —, *ibid.* 29 (1948) 164-167.—Descr. new *spp.*
 MOORE, J. Bot. 65 (1927) 241-247, 265-272.—Descr. & records coll. BRASS.
 —, *ibid.* 67 (1929) 49.—New *Psychotria*.
 VALETON, Bull. Dép. Agr. Ind. Néerl. 10 (1907) 61-67.—List.
 —, Nova Guinea 8 (1911) 437-519, (1912) 755-775.—Descr.
 —, in GIBBS, Contr. Fl. Phytog. Arfak Mts (1917) 180-182, 220-221.—Descr.
 —, Bot. Jahrb. 60 (1925) 1-104; 61 (1927) 32-163.—Descr.; keys!
 —, Nova Guinea 14 (1926) 229-274, t. 20-29.
 WERNHAM, J. Bot. 56 (1918) 68-77, 129-135.—List FORBES coll.; new records and descr. new *spp.*
 WHITE, Proc. R. Soc. Queensl. 34 (1922) 52-59.—List; descr. new *spp.*
 —, Proc. Linn. Soc. N.S.W. 51 (1926) 296, t. 17.—New *Plectronia*.
- New Caledonia:** GUILLAUMIN, in VIGUIER, Arch. Bot. 3 (1930) Mém. 5, p. 1-47.—Keys!

Genera¹

- Acranthera** (*Psilobium*, *Gonyanera*): BREMEKAMP, J. Arn. Arb. 28 (1947) 261-308.—Revision; key.
- Adina:** HAVILAND, J. Linn. Soc. Lond. Bot. 33 (1897) 42-48.—Revision; key.
- VERHOEF, Tectona 31 (1938) 802-814.—List.
- Antherostele:** BREMEKAMP, J. Arn. Arb. 21 (1940) 25-31.—Segregate of *Urophyllum*; 4 *spp.* in Philippines.
- Anthocephalus:** HAVILAND, J. Linn. Soc. Lond. Bot. 33 (1897) 22-24.—Revision; key.
- Antirrhoea:** VALETON, Bull. Dép. Agr. Ind. Néerl. 26 (1909) 31-32.
- WHITE, J. Arn. Arb. 27 (1946) 121-122, t. 1.—List 3 Australian *spp.*
- Aphaenandra:** BREMEKAMP, Blumea Suppl. 1 (1937) 116-122.
- JOCHEMS, Trop. Natuur 18 (1929) 153-154.—Descr.; fig.
- VAN STEENIS, Bull. Bot. Gard. Bitz III, 18 (1950) 457-458.
- DE VOOOG, Trop. Natuur 18 (1929) 110-111.—Descr.; photogr.
- Argostemma** (*Argostemmella*): BAKHUIZEN VAN

(1) Not all segregate genera proposed by BREMEKAMP are mentioned here separately.

- DEN BRINK Jr, *Blumea* 7 (1953) 329-334.—Sect. div.; descr. new *spp.*; critical notes.
- RIDLEY, J. Bot. 65 (1927) 25-42.—Census; no key.
- Asemanthia** (*Mussaenda* & *Asemanthia*): RIDLEY, Kew Bull. (1939) 499-500.—Segregate; Mal. Pen. & Borneo; list 4 *spp.*
- Bikkia**: BEUMÉE, Trop. Natuur 15 (1926) 198-200.—Distr. & descr. *B. grandiflora*.
GUILLAUMIN, Not. Syst. 1 (1909) 111-112.—Discuss. gen. syn. of New Caledon. *Bikkia*.
VALETON, Philip. J. Sc. 23 (1923) 573-574.—New *sp.* from Cebu.
- Boholia**: MERRILL, Philip. J. Sc. 29 (1926) 492-494.—Descr.; Bohol Isl.
- Borreria**: BACKER, Onkruidfl. Jav. Suiker. (1931) 714-722.—In Dutch; Jav. *spp.*; key.
- Canthium** (*Plectronia auct. non L.*): BURTT, Kew Bull. (1936) 463.—Recomb. in a *Canthium*.
MERRILL, Philip. J. Sc. 35 (1928) 7-9.—New comb. for Philippine '*Plectronia*'.
- Carlemannia**, See *Caprifoliaceae*; cf. Fl. Mal. I, 4 (1951) 192-194.
- Cinchona**: KUNTZE, O., Monographie der Gattung Cinchona. Leipzig (1878).—*Non vidi*.
MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 4 (1869) 263-275.—Descr. *spp.* cult. in Java.
- Coelospermum**: GUILLAUMIN, Arch. Bot. Caen 3 (1929) Mém. V, p. 15, 41.
- Coffea**: CHEVALIER, Rev. Int. Bot. Appl. & Agr. Col. 26 (1946) 81-94, map.—Ecol. & geogr. distr. of the species.
—, Les Caféiers du globe fasc. 3. Systématique (Encycl. Biol. 28, 1947, 117-263).—Revision; keys!
FROEHNER, Notizbl. Berl.-Dahlem 1 (1897) 230-238.—Revision; key.
—, Bot. Jahrb. 25 (1898) 233-295.—Revision; key.
VALETON, Bull. Inst. Bot. Btzig no 8 (1901) 15-25.—Discussion; no key.
- Coprosma**: OLIVER, Bern. P. Bish. Mus. Bull. 132 (1935) 1-207, t. 1-59, 67 fig.—Monogr.; key.
—, Rec. Dominion Mus. 1 (1942) 44-47, t. 14.—Descr. 3 new *spp.*, 2 from Papua, one from Hawaii.
- Coptosapelta**: VALETON, Versl. Kon. Akad. Wet. A'dam (Sept. 1908) 120-126.—Discussion; census.
—, Rec. Trav. Bot. Néerl. 19 (1922) 281-292, t. 10-11.—Descr.; key!
—, Versl. Kon. Akad. Wet. A'dam 26 (1923) 423-440, fig. 1-14.—Descr.
- Craterianthus** = *Pellacalyx* (*Rhizophoraceae*); cf. Bull. Bot. Gard. Btzig III, 17 (1948) 457.
- Dentella**: AIRY SHAW, Kew Bull. (1932) 289-292.—Descr. some extra-Mal. *spp.*
—, Kew Bull. (1934) 290-301.—Australian *spp.*; keys!
- Didymocium**: BREMEKAMP, Bull. Jard. Bot. Btzig III, 13 (1935) 425-428, 1 fig.—Descr.; monotypic; Sumatra.
- Dolianthus**: BREMEKAMP, Kew Bull. (1936) 103-105.—Formerly incl. in *Logan*. but closely allied to *Amarcarpus*. In my opinion at most a sect. of it (Ed.).
- Galium**: VAN STEENIS, Trop. Natuur 25 (1936) 152-155.—In Dutch; key to Mal. *spp.*
- Gardenia**: SPRAGUE, Kew Bull. (1929) 12-16.—Syn. of *G. jasminoides* ELLIS.
- Geocardia** (*Geophila* D. DON, non BERGERET): STANDLEY, Contr. U.S. Nat. Herb. 17 (1914) 444-445.—Census; no key.
- Guettarda**: BAILLON, Adansonia 12 (1879) 316-319.—Delimitation of the genus.
- Hedyotis** (*Oldenlandia*, *Pleiocraterium*): BACKER, Onkruidfl. Jav. Suiker. (1931) 688-700.—Key Jav. *spp.*
BREMEKAMP, Rec. Trav. Bot. Néerl. 36 (1939) 438-445.—Rev. *Pleiocraterium*.
—, Verh. Kon. Akad. Wet. 2e reeks, 48, no 2 (1952) 297 pp., 13 tab.—Rev. African *spp.*; keys.
FOSBERG, Bern. P. Bish. Mus. Bull. no 174 (1943) 102 pp., 9 fig., t. 1-4.—Revision Hawaiian *spp.*
KANEHIRA, Trans. Nat. Hist. Soc. Formosa 25 (1925) 2-7, 35-39.—List, descr. of records and new *spp.*
MERRILL & METCALF, J. Arn. Arb. 23 (1942) 226-230, 1 pl.—Discussion generic concept and synonymy; descr.
RIDLEY, Kew Bull. (1939) 511-513.—New *spp.*; records.
- Ixora**: BAILLON, Adansonia 12 (1878) 213-219.—Delimitation of the genus.
BREMEKAMP, Bull. Jard. Bot. Btzig III, 14 (1937) 197-367.—Revision; keys!
—, *ibid.* 16 (1940) 276-299.—Add. & emend. to revision.
—, J. Bot. 75 (1937) 108-111, 169-175, 260-266, 295-298, 318-326; *ibid.* 76 (1938) 330-336.—Census Andaman Isl. and Burma; no key.
—, J. Arn. Arb. 20 (1939) 216-219.—New *spp.* from Solomons.
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- Kajewskiella**: MERRILL & PERRY, J. Arn. Arb. 28 (1947) 331-332, t. 1.—Descr.; Solomons.
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 MOORE, J. Bot. (1925) *Suppl.* 90–92, 1 fig.—Descr. typ.
Phacellaria: DANSER, *Blumea* 3 (1939) 212–235, t. 3–12.—Monogr.; key.
Santalum: FISCHER, *Kew Bull.* (1927) 193–202.
 —, *J. Bomb. Nat. Hist. Soc.* 40 (1938) 458–466.
 —, *S. album* introd. in contin. Asia.
 SKOTTSBERG, *Act. Hort. Gothob.* 5 (1929) 135–145.—Disc. geogr. distr. & alliances Pacific *spp.*

SAPINDACEAE

- BLUME, C. L., De quibusdam Sapindaceis maxima parte Indiae orientali propriis (*Rumphia* 3, ?1849, 91–192, t. 166–167).—Descr.
 HERZOG, Th., *Pflanzenareale Reihe* 4, Heft 4 (1936) 35–42, Karte 31–37b.—Distr. tribes and genera, based on RADLKOFER's monogr.
 MIQUEL, F. A. W., *Ann. Mus. Bot. Lugd.-Bat.* 3 (1867) 88–89.
 RADLKOFER, L., Ueber die Sapindaceen Holländisch Indiens (*Act. Congr. Intern. Amsterdam* 1877 (1879), 70–133).—Precursory; descr. new *spp.* and genera; discussions; no keys.
 —, Nachträge *ibid.* 216–254.—*Ditto*. The reprint of these 2 papers is paged 1–63, 65–103.
 —, Ueber Capania und damit verwandte Pflanzen (*Sitz.-Ber. Math.-Phys. Kl. Akad. Wiss. München* 9, 1879, 457–678).—Survey of trib. *Cupanieae*; key to the genera of this tribe; list of all names used in the tribe; additions to *Arytera* with new *spp.*; *ditto* of *Cupania*; key & new *spp.* of *Cupaniopsis*; *ditto* of *Elatostachys*, *Guioa*, *Rhysoetochia* and some other small genera.
 —, Ueber die Gliederung der Sapindaceen

- (Sitz.-Ber. Math.-Phys. Kl. Bayer. Akad. Wiss. München 20, 1890, 105-379).—Delimitation of *Sapind.* against other families with special use of the anatomical method; conspectus of tribes and genera of the family (*non vidi*); from extract in Bot. Jahrb. 12 (1890) Lit.-Ber. p. 78-80.
- , Sapindaceae novae Indicae et Malaicae ex herbario Calcuttensi (Rec. Bot. Surv. Ind. 3, 1907, 341-355).—Descr.
- , Pflanzenreich Heft 98 (1931-34) 1-1539, fig. 1-46.

Local

- Indo-China:** RADLKOFER, Not. Syst. 1 (1910) 298-306.—Descr. new *spp.*
- Sumatra:** MERRILL, Pap. Mich. Acad. Sc. 23 (1937) 183-184 (1938).—New *Allophylus*.
- Malay Peninsula:** CORNER, Gard. Bull. Str. Settl. 10 (1939) 38-45, 263.—Disc. on specific delimitation in *Allophylus* and nomencl. in *Mischocarpus*.
- Borneo:** RIDLEY, Kew Bull. (1932) 178-179.—Record; one new *Otophora*.
- , *ibid.* (1933) 190-193.—New records and *spp.*
- Java:** ADELBERT, Blumea 6 (1948) 322-325.—Critical notes; no key.
- BACKER, Schoolfl. Java (1911) 256-272.—Keys; in Dutch.
- RADLKOFER, Flora 118-119 (1925) 399-401.—Descr. 3 new *spp.*
- VALETON, Bull. Inst. Bot. Btzg no 15 (1902) 1-12.—Some critical notes.
- Celebes:** KOORDERS, Suppl. Flora N. O. Celebes 2 (1922) t. 52-54; *ibid.* Suppl. 3 (1922) 26-27.—Descr. & pl. of two *spp.*
- Lesser Sunda Islands:** RADLKOFER, Med. Rijksherb. Leiden no 22 (1914) 10-20.—List records coll. ELBERT.
- Philippines:** MERRILL, Philip. J. Sc. 26 (1925) 468-470.—Descr. of a new *Allophylus*.
- QUISUMBING, Philip. J. Sc. 76 (1944) 44-45.—New *Allophylus* from Palawan.
- & MERRILL, Philip. J. Sc. 37 (1928) 163.—New *Otophora* from Mindanao.
- RADLKOFER, in PERKINS, Fragm. Fl. Philip. (1904) 56-66.—New records and *spp.*
- , in ELMER, Leaf. Philip. Bot. 1 (1907) 208-211.—Descr. new *spp.*
- , *ibid.* 5 (1913) 1601-1616.—*Ditto*.
- , Philip. J. Sc. 6 (1911) Bot. 181-183.—Descr. 4 new *spp.* from Polillo Isl.
- , *ibid.* 8 (1913) Bot. 443-473.—List; descr. new *spp.*
- , *ibid.* 20 (1922) 657-662.—Descr. new *spp.*
- Moluccas:** RADLKOFER, Philip. J. Sc. 12 (1917) 83.—A new *Guioa* from Ambon.
- New Guinea:** KANEHIRA & HATUSIMA, Bot. Mag. Tokyo 57 (1943) 74-83.—New records and several new *spp.*
- KOORDERS, Nova Guinea 8 (1909) 171-172.—Some records.
- MELCHIOR, J. Arn. Arb. 14 (1933) 63-65.—Suppl. records of BRASS coll.
- MERRILL & PERRY, J. Arn. Arb. 21 (1940) 511-527.—Descr. new *spp.* coll. BRASS.

RADLKOFER, Nova Guinea 8 (1911) 617-618.—Some records and a new *Harpullia*.

—, Bot. Jahrb. 50 (1913) 73-80.—List records coll. SCHLECHTER.

—, *ibid.* 56 (1920) 251-316.—Revision; keys.

—, in FEDDE, Rep. 20 (1924) 33-42.—Descr. some new *spp.*

—, Nova Guinea 14 (1926) 181-185.—Some records.

WHITE, Proc. R. Soc. Queensl. 34 (1922) 42.—Some records.

— & FRANCIS, *ibid.* 38 (1927) 238.—Some records coll. LANE-POOLE.

Melanesia: MELCHIOR, Notizbl. Berl.-Dahlem 10 (1930) 227-281.—New *Aphania* and *Harpullia* from New Britain.

Genera

Allophylus: CORNER, Gard. Bull. Str. Settl. 10 (1939) 38-45.—Severe critic on RADLKOFER's species concept in this genus; in Mal. only one species with some varieties.

RADLKOFER, Sitz.-Ber. Math.-Phys. Kl. Kgl. Bayer. Akad. Wiss. München 38 (1909) 201-240.—Keys to all *spp.* of the genus.

Cardiospermum: ALSTON, Handb. Fl. Ceyl. 6 Suppl. (1931) 54.—Key to 3 *spp.*

Dodonaea: SHERFF, Field Mus. Nat. Hist. Publ. Bot. 23 (1947) 269-317.—Descr.

Mischocarpus: CORNER, Gard. Bull. Str. Settl. 10 (1939) 263.—Disputes MERRILL's recombinations based on doubtful LOUREIRO descriptions.

Napaeodendron = *Walsura* (*Meliaceae*), cf. Kew Bull. (1937) 319.

Paranephelium (*Mildea*): MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 3 (1867) 88-89.—Recombination.

SAPOTACEAE

(excl. *Boerlagellaceae* and *Sarcospermataceae*)

BAEHNI, CH., Mémoires sur les Sapotacées. I. Système de classification (Candollea 7, 1938, 394-508).—Crit. notes on morph.; system of the family; critical notes on the genera; key to the genera.

BOERLAGE, J. G., Sapotacées (Bull. Inst. Bot. Btzg no 5, 1900, 20-27).—List caoutchouc furnishing *spp.* coll. VAN ROMBURGH.

BURCK, W., Sur les Sapotacées des Indes néerlandaises et les origines botaniques de la gutta-percha (Ann. Jard. Bot. Btzg 5, 1886, 1-85, t. 1-10).—Descr.; no key.

DUBARD, M., Les Sapotacées du groupe des Iso-nandrées (Rev. Gén. Bot. 21, 1909, 392-398, fig. 1-3).—General discussion; struct. of genera; no descr. of *spp.*; no keys.

—, *ditto* des Sideroxylinées (Ann. Mus. Col. Marseille (II), 10 20, 1912, 1-90).—Key to genera; enum. *spp.*

—, *ditto* des Sideroxylinées - *Mimusopées* (*ibid.* (III), 3 23, 1915, 1-62, fig. 1-27).—Census; no keys.

ENGLER, A., Beiträge zur Kenntnis der Sapotaceen (Bot. Jahrb. 12, 1890, 496-525).—Discussion delimitation genera.

HASSKARL, J. K., Ueber einige neue Gattungen

- der Sapotaceae welche Getah-pertjah liefern (Flora 38, 1855, 577-579).—Descr. 2 new gen. and a new sp.
- LAM, H. J., The Sapotaceae, Sarcospermaceae, and Boerlagellaceae of the Dutch East Indies and surrounding countries (Bull. Jard. Bot. Btzg III, 7, 1925, 1-289).—Revision; keys.
- , Further studies on Malayan Sapotaceae I (*ibid.* III, 8, 1927, 381-493).—Addition to the revision; no keys.
- , On the system of the Sapotaceae, with some remarks on taxonomical methods (Rec. Trav. Bot. Néerl. 36, 1939, 509-525).—Discussion of BAEHNI's work; scheme of a new system of the family.
- , Note on the Sapotaceae-Mimusopoideae in general and the Far-Eastern *Manilkara*-allies in particular (Blumea 4, 1941, 323-358).—*Mimusops p. p.* and *Northia auct.* reduced to *Manilkara*; key to Far-Eastern spp. of *Manilkara*.
- & B. J. D. MEEUSE, Monograph of the genus *Nesoluma* (Sapotaceae). A primitive Polynesian endemic of supposed Antarctic origin (Occas. Pap. Bern. P. Bish. Mus. 14, 1938, 127-165, t. 1-5).—Contains new system of the family; a key to *Planchonellidae* of the Pacific; monograph of *Nesoluma* (Pac.).
- PIERRE, L., Notes botaniques, Sapotacées (1890-91) 1-68 (not finished).—Critical notes on genera and their circumscription.
- VALETON, TH., Bull. Inst. Bot. Btzg no 15 (1902) 13-16, 2 fig.—New *Payena*.
- VRIESE, W. H. DE, Plant. Ind. Batav. Orient. (1856) 57-63.—List of misc. records and descr.
- Local*
- Malay Peninsula: GAMBLE, Kew Bull. (1907) 109-121.—Discussion on getah-pertja trees.
- LAM, Gard. Bull. Str. Settl. 9 (1935) 105-106, t. 7.—*Madhuca ridleyi* n. sp.
- Borneo: LAM, Kew Bull. (1936) 17-19; *ibid.* (1938) 306-307.—Descr. new *Palaquium* and some records.
- , in Hook. Ic. Pl. 34 (1938) t. 3360, 2 pp.—Descr. new *Aulandra*.
- PIERRE, Arch. Néerl. Sc. Nat. 19 (1884) 104-106, t. 4.—Descr. *Diploknema sebifera* n.g. n.sp.
- RIDLEY, Kew Bull. (1934) 121.—Descr. new *Madhuca*.
- Celebes: KOORDERS, Suppl. Fl. N.O. Celebes 2 (1922) t. 104; *ibid.* 3 (1922) 51.—*Sideroxylon koordersii* PIERRE.
- Philippines: DUBARD, Bull. Mus. Hist. Nat. Paris 15 (1909) 379-385.—Records & descr. of new spp. of *Palaquium*.
- ELMER, Leaf. Philip. Bot. 3 (1910) 867-874.—Records & new spp. from Sibuyan Isl.
- , *ibid.* 10 (1939) 3788-3790.—2 new *Palaquiums* from Sorsogon Isl.
- MERRILL, Philip. J. Sc. 27 (1925) 46-48.—2 new *Palaquiums* from Luzon.
- Moluccas: HOLTHUIS & LAM, Blumea 5 (1942) 226-228.—List records Talaud & Morotai.
- New Guinea: BURCK, Nova Guinea 8 (1910) 435.—Unimportant record.
- KRAUSE, Bot. Jahrb. 58 (1924) 463-487.—Revision; keys!
- LAM, Nova Guinea 14 (1931) 549-570, t. 94-129.—Enum; keys!
- , Boissiera 7 (1943) 91-99, 6 fig.—3 new spp. of *Planchonella*; new comb. in *Krausella*.
- WHITE & FRANCIS, Proc. R. Soc. Queensl. 38 (1927) 252-255, fig. 15-16.—Descr. new spp. in *Sideroxylon* and *Achradotypus*.
- Pacific: LAM, Proc. 6th Pac. Sc. Congr. 4 (1940) 673-683, 4 maps.—Geogr. distr. *Sapot.* in Pacific; some new comb. in Philip. *Planchonella*.
- , Blumea 5 (1942) 1-46.—Revision Melanesian-Polynesian spp.; keys; New Caledonia excluded.
- Genera*
- Aulandra*: LAM, in Hook. Ic. Pl. 34 (1938) t. 3360, pp. 1-2.—Second sp. from Borneo quite distinct from the other one.
- Burckella*: LAM & VAN ROYEN, Blumea 6 (1952) 580-593, 3 fig.—Revision; key.
- Ganua*: VAN DEN ASSEM, Blumea 7 (1953) 364-400.—Revision; key.
- , Blumea 7 (1954) 481-483.—Additional note.
- Isonandra*: JEUKEN, Blumea 6 (1952) 547-579, 4 fig.
- Manilkara* (*Northiopsis*, *Achras*): LAM, Blumea 4 (1941) 323-343.—Key to Mal.-Pac. spp.
- VAN ROYEN, Blumea 7 (1953) 401-412.—Revision; key.
- Mimusops*: VAN ROYEN, Blumea 6 (1952) 594-595.—Only *M. elengi*.
- Palaquium*: DUBARD, Mémoire 16, Soc. Bot. France (Déc. 1909) 1-24.—Revision; species listed; several Bornean spp. distinguished by PIERRE.
- Planchonella*: DUBARD, C. R. Acad. Sc. Paris 152 (1911) 392-393.—Delimitation of the genus.
- Pouteria*: BAEHNI, Candollea 9 (1942) 147-476.—Revision; some recombinations of *Planchonellas*.
- LAM, Blumea 5 (1943) 336-338.—Some transfers from *Planchonella*.
- SARCOSPERMATACEAE**
- LAM, H. J., Bull. Jard. Bot. Btzg III, 7 (1925) 248-250.—One Mal. sp.
- , Concise revision of the Sarcospermaceae (Bull. Jard. Bot. Btzg III, 8, 1926, 18-24, 2 fig.).—Key to all spp.
- , Fl. Mal. I, 4 (1948) 32-34, fig. 1.
- & P. VAN ROYEN, Concise revision of the Sarcospermataceae (Blumea 7, 1952, 148-153, map).—Key to all spp.
- & W. W. VAROSSIEAU, Revision of the Sarcospermataceae (Blumea 3, 1938, 183-200).—Key to all spp.
- , Additional notes on *Sarcosperma* (Blumea 3, 1939, 261-262).—Notes & records.
- Local*
- Indo-China: MERRILL, J. Arn. Arb. 20 (1939) 351.—Syn. & disc. of *S. kachinense*.
- Philippines: LAM, Philip. J. Sc. 19 (1932) 143-146.—Reduction of *Apolia* to *Sarcosperma*.
- New Guinea: LAM, Blumea 4 (1941) 322.—Record.

SAURAUICEAE

See *Actinidiaceae*

SAURURACEAE

GROFF, G. W., in *Piperales of Kwantung China* (Lign. Sc. J. 11, 1932, 81–86).—Key to *Saururus* and *Houttuynia*; descr. of species.

P'EI, CHIEN, The Saururaceae and Chloranthaceae of Eastern China (Bot. Bull. Acad. Sinica 1, no 2, 1947, 111–117).—Keys to genera and species.

STEENIS, C. G. G. J. VAN, *Blumea* 6 (1948) 244–245.—Key to genera.

—, *Fl. Mal. I*, 4 (1949) 47–48, fig. 1.

Local

Java: VAN STEENIS, *Blumea Suppl.* 1 (1937) 137–139.—Note on *Houttuynia*.

SAXIFRAGACEAE

ENGELER, A., *Pflanzenfamilien* ed. 2, 18a (1930) 74–226, fig. 64–132.

HUTCHINSON, J., The genera of Hydrangeaceae and J. E. DANDY *ditto* of Saxifragaceae (Kew Bull. 1927, 101–118, 6 maps).—Keys!

MAXIMOWICZ, C. J., Revision Hydrangeearum Asiae Orientalis (Mém. Acad. Imp. Sc. St.-Petersb. VII, 10¹⁶, 1867, 1–48, t. 1–3).—Incl. also key to *spp.* of *Hydrangea* and *Deutzia*.

STEENIS, C. G. G. J. VAN, *Bull. Jard. Bot. Btzg III*, 13 (1934) 249–250.—List *spp.* of mountain genera.

Local

Sumatra: MERRILL, *Contr. Arn. Arb.* 8 (1934) 66–67.—Small list; one new *Polyosma*.

—, *Pap. Mich. Acad. Sc. Arts & Lett.* 20 (1935) 97–98.—Records of some *Polyosma*.

—, *Not. Nat. Acad. Nat. Sc. Philad.* no 47 (1940) 2.—Record of *Parnassia*.

Malay Peninsula: KING, J. As. Soc. Beng. 66, ii (1897) 297–305.—Keys!

Borneo: MERRILL, *Sarawak Mus. J.* 3 (1928) 523–524.—New *Polyosma*.

Java: BACKER, *Schoolfl. Java* (1911) 466–472.—Key; in Dutch.

Philippines: ELMER, *Leaf. Philip. Bot.* 2 (1908) 527–529.—Key of 2 *Philip. spp.*

—, *ibid.* 5 (1913) 1633–1639.—Records & new *spp.* of *Polyosma*.

MERRILL, *En. Philip. Fl. Pl.* 2 (1923) 218–221.—List.

Moluccas: MERRILL, *Philip. J. Sc.* 11 (1916) Bot. 273–274.—New *Polyosma*.

New Guinea: KANEHIRA & HATUSIMA, *Bot. Mag. Tokyo* 56 (1942) 304–308.—New *Polyosmas*.

LAUTERBACH, *Nova Guinea* 8 (1912) 821.—New *Polyosma*.

MATTFELD, *Bot. Jahrb.* 69 (1938) 273–275.—Two new *Polyosmas*.

—, *ibid.* 70 (1940) 469–470.—New *Quintinia*.

REEDER, J. *Arn. Arb.* 27 (1946) 275–288.—New *spp.* in *Quintinia*, *Carpodetus*, and *Polyosma*.

SCHLECHTER, *Nova Guinea* 12 (1912) 487–490.—Descr. new *spp.* in *Astilbe*, *Dichroa*, *Quintinia*, and *Carpodetus*.

—, *Bot. Jahrb.* 52 (1914) 118–138.—Important; keys!

New Caledonia: GUILLAUMIN, *Bull. Soc. Bot. Fr.* 86 (1939) 275–278.—Keys.

Genera

Astilbe: HENRY, *Gard. Chron.* III, 32 (1902) 95, 154–156, 171.—Revision; species listed; new *Philip. sp.*

KNOLL, *Sitz.-Ber. Math.-Nat. Kl. Akad. Wiss. Wien* 118, Abt. 1 (1909) 45–88, 11 fig., t. 1–4.—Key & descr.; nomencl. antedated.

Deutzia: LEMOINE, *J. Soc. Nat. Hort. Fr.* IV, 3 (1902) 298–314, fig. 8–9.—Hortic. monograph; no keys.

AIRY SHAW, *Kew Bull.* (1934) 177–182.—Key to the *spp.* of the Asiatic *Mesodeutzia*.

Dichroa: HALLIER f., *Meded. Rijksherb. Leiden* no 37 (1918) 11–12.—Small note.

WU, *Bot. Jahrb.* 71 (1941) 180.—Key to Chinese *spp.*

Heuchera: ROSENDAHL, BUTTERS & LAKELA, *Minnesota Stud. Pl. Sc.* 2 (1936) 1–180, 5 fig.—Monogr. with descr. & keys.

Itea: WU, *Bot. Jahrb.* 71 (1941) 178.—Key to Chinese *spp.*

YAMAMOTO, *Acta Phytotax. & Geobot.* 6 (1937) 245–250, fig. 1–3.—Key & descr. Formosan *spp.*

Parnassia: FRANCHET, *Bull. Soc. Bot. Fr.* 44 (1897) 244–263.—Synopsis with partial key!

HANDEL-MAZZETTI, *Oester. Bot. Z.* 90 (1941) 127–136.—Key to Chinese *spp.*

KERR, J. *Siam Soc., Nat. Hist. Suppl.* 9 (1934) 327–328, 1 fig.—Occurrence in Siam.

MERRILL, *Not. Nat. Ac. Nat. Sc. Philad.* no 47 (1940) 2.—Record from Sumatra.

Polyosma: BLUME, *Mus. Bot. Lugd.-Bat.* 1 (1850) 258–261.—List; descr.

Saxifraga: ENGELER & IRMSCHER, *Pflanzenreich* Heft 67 (1916) 1–448; Heft 69 (1919) 449–709, pars generalis 1–47, fig. 101–124.

SCHEUCHZERIAEAE

See *Juncaginaceae*

SCHISANDRACEAE

BLUME, C. L., *Flora Javae fasc.* 33 (1830) 18 pp., 5 tab.

SMITH, A. C., The families Illiciaceae and Schisandraceae (Sargentia 7, 1947, 79–224).—Monograph; keys! Comprises *Kadsura* and *Schizandra*.

SCROPHULARIACEAE

BENTHAM, G.; *Scrophularineae Indicae*. A synopsis of the East Indian Scrophularineae (1835) 1–57.—No key to genera; short descr.; partial keys to *spp.*

—, Synopsis of the Buchnereae, a tribe of the Scrophulariaceae (in Hook. Comp. Bot. Mag. 1, 1836, 356–384).—Conspectus incl. *Striga* and *Buchnera*.

—, Synopsis of the Gerardieae, a tribe of Scro-

- phulariaceae (in Hook. Comp. Bot. Mag. 1, 1836, 192-212, t. 11).—Synopsis; no key.
- , in DC. Prod. 10 (1846) 186-586, 589-598.
- PENNELL, F. W., The Scrophulariaceae of the Southeastern United States (Proc. Ac. Nat. Sc. Philad. 71, 1920, 224-291).—Revision; keys.
- , Scrophulariaceae of Cuba (*ibid.* 75, 1923, 1-21).
- , Genotypes of the Scrophulariaceae in the first edition of Linné's 'Species Plantarum' (Proc. Acad. Nat. Sc. Philad. 82 (1931) 9-26).—Typification.
- , The Scrophulariaceae of Eastern temperate North America (Acad. Nat. Sc. Philad. Monogr. 1, 1935, 1-650).—Revision; keys to tribes, genera and *spp.*
- , The Scrophulariaceae of the Western Himalayas (Acad. Nat. Sc. Philad. Monogr. 5, 1943, i-vii, 1-163, t. 1-25).
- PRAIN, D., Some additional Scrophulariaceae (J. As. Soc. Beng. 72, 1904, 11-23).—A number of additions to Fl. Br. Ind. incl. Malay Peninsula; critical notes on synonymy; no keys.
- STEENIS, C. G. G. J. VAN, Bull. Jard. Bot. Btzg III, 13 (1934) 250-253.—List of *spp.* of mountain genera in Mal.
- Local*
- East Asia: YAMAZAKI, J. Jap. Bot. 25 (1950) 209-217, 3 fig.; *ibid.* 27 (1952) 61-68.—Misc. notes; some new *spp.* and comb.
- India: SANTAPAU, J. Bomb. Nat. Hist. Soc. 49 (1950) 25-49.—Keys, synonymy, and notes on Bombay *spp.*, based on PENNELL's work.
- Indo-China: BONATI, Not. Syst. 1 (1911) 331-339.—Descr. new *spp.*
- , Bull. Soc. Bot. Fr. 71 (1924) 1091-1100.—Descr. new *spp.* No key.
- Formosa: LI, Quart. J. Taiwan Mus. 3 (1950) 55-80.—Critical review; no key.
- Sumatra: MERRILL, Pap. Mich. Acad. Sc. 23 (1937) (1938) 189-191.—Records.
- Borneo: MERRILL, Sarawak Mus. J. 3 (1928) 549.—Record of a *Lindernia*.
- Java: BACKER, Onkruidfl. Jav. Suiker. (1931) 598-629.—In Dutch; key.
- Philippines: QUISUMBING, Philip. J. Sc. 41 (1930) 345.—Record of *Veronica javanica* in Luzon.
- & MERRILL, Philip. J. Sc. 37 (1928) 198-199.—New record of a *Torenia* from Luzon.
- DU RIETZ, Svensk Bot. Tidskr. 25 (1931) 500-542, 11 fig.—Descr. 2 new Philip. *Euphrasias* and their plant-geogr. significance.
- Moluccas: MERRILL, Philip. J. Sc. 11 (1916) Bot. 312.—Ambon records; 2 new comb.
- New Guinea: DIELS, Bot. Jahrb. 62 (1929) 490-492.—Records and *Detzneria n.g.*
- & LANJOUW, Nova Guinea 14 (1928) 534-539.—List; one new *Euphrasia*.
- PENNELL, Brittonia 2 (1936) 177-188.—Enum. Pap. *spp.* coll. BRASS.
- , J. Arn. Arb. 24 (1943) 243-275, t. 1-5.—Second revision; keys!
- DU RIETZ, Svensk Bot. Tidskr. 25 (1931) 526-539.—Some new names (*nom. nud.*) of proposed

New Guinean *Euphrasias* are mentioned in a discussion on plant geography.

SCHLECHTER, Bot. Jahrb. 59 (1924) 99-117.—Rev. Pap. *spp.*; keys!

Genera

- Alectra:** HANDEL-MAZZETTI, Symb. Sin. 7 (1936) 843. Cf. YAMAZAKI, J. Jap. Bot. 25 (1950) 213.—*A. arvensis* reduced to *Melasma arvense*.
- MELCHIOR, Notizbl. Berl.-Dahlem 15 (1941) 423-447.—Revision of the genus; keys.
- Bacopa (Herpestis):** PENNELL, Proc. Acad. Nat. Sc. Philad. 98 (1946) 83-98.—Redefinition of the genus; complete revision; keys!
- Brookea:** HALLIER f., Bull. Herb. Boiss. II, 3 (1903) 194, 206.—H. assumes this genus to belong to the *Gesneriaceae*.
- Calceolaria:** KRAENZLIN, Pflanzenreich Heft 28 (1907) 21-128.—Monograph; keys.
- Centranthera (Razumovia) SPR.** 1807, non SPR. 1805): MERRILL, Bull. Torr. Bot. Club 64 (1937) 589-598.—*Spp.* under *Razumovia*; key!
- , 150th Anniv. vol. Ann. R. Bot. Gard. Calcutta (1942) 53-58.—Revision; key.
- YAMAZAKI, J. Jap. Bot. 25 (1950) 209.—New comb. for *C. tranquebarica*.
- Ellisiophyllum:** BAILLON, Bull. Soc. Linn. Paris 103 (1890) 817-818.—Transfers the genus from *Hydrophyllaceae* to *Scrophulariaceae*.
- MAKINO, Tokyo Bot. Mag. 20 (1906) 91-92, t. 5.—Syn.; new comb.
- YAMAZAKI, J. Jap. Bot. 27 (1952) 61, fig. 1.—Descr. new variety from Japan.
- Euphrasia:** LI, Not. Nat. Ac. Sc. Philad. no 254 (1953) 1-6.—Key to Chinese *spp.*
- VON WETTSTEIN, Oester. Bot. Z. 43 (1893) 77-83, 126-133, 193-202, 238-241, 305-310, t. 6; *ibid.* 44 (1894) 5-11, 53-60, 92-97, 132-138, 169-173, 244-249, 288-294, 328-333, 374-381, 405-410, 448-455; *ibid.* 45 (1895) 14-17, 111-112, t. 3.—Revision; descr. *spp.*; key to Austrian *spp.* (1895).
- , Monographie der Gattung *Euphrasia*. Leipzig (1896) 316 pp., 18 Taf.—Key to *spp.*; no Mal. *spp.* included.
- Hemiphragma:** YAMAZAKI, J. Jap. Bot. 25 (1950) 212.—Philip. sheets represent a variety.
- Limnophila:** AIRY SHAW, Kew Bull. (1951) (1952) 370.—*L. viscosa* RIDL. appears to be *Staurogyne glauca*.
- Lindernia (Ilysanthes):** HARA, J. Jap. Bot. 19 (1943) 203-209.—*Spp.* of Japan; several new comb. of Mal. *spp.* and their syn.
- MUKERJEE, J. Ind. Bot. Soc. 24 (1945) 127-134.—Revision Indo-Burmese *Lindernias*; key to 28 *spp.*
- URBAN, Ber. Deut. Bot. Ges. 2 (1884) 429-442.—Discussion of alliance *Ilysanthes*, *Bonnaya*, *Lindernia*, *Vandellia*. Survey of *Ilysanthes* *spp.*
- Mazus:** BONATI, Bull. Herb. Boiss. II, 8 (1908) 525-539.—Revision; key.
- LI, Brittonia 8 (1954) 29-38.—Revision; key.
- Mimulus:** GRANT, Ann. Missouri Bot. Gard. 11 (1924) 99-388, t. 3-10, fig. 1-3.—Monogr.; keys!

- VAN STEENIS, Reinwardtia 1 (1952) 472-474.—First record from Sumatra.
- Pentstemon:** KRAUTTER, Contr. Bot. Lab. Univ. Philad. 3 (1908) 93-206.—Monogr.; key.
- Picria** (*Curanga*): MERRILL, Trans. Am. Phil. Soc. n. s. 24 (2) (1935) 353.—Nomencl.
- Russelia:** BOR & RAIZADA, J. Bomb. Nat. Hist. Soc. 46 (1946) 411-413, t. 26, 1-4.—Key to 2 cult. spp.
- HOLTUM, M. A. H. A. Mag. 11 (1941) 73-75, 1 fig.—Spp. in Malaya.
- ROBINSON, Proc. Amer. Ac. Arts & Sc. 35 (1900) 319-321 (repr. in Contr. Gray Herb. new ser. 18).—Revision; key.
- STANDLEY, Contr. U. S. Nat. Herb. 23 (1924) 1308-1310.—Key Mexic. spp.
- Scoparia:** CHODAT, Bull. Herb. Boiss. II, 8 (1908) 1-16.—Revision; key!
- FRIES, Arkiv Bot. 6 (no 9) (1907) 1-31, t. 1-8.—Revision; key.
- , Bull. Herb. Boiss. II, 8 (1908) 934-940.—Some remarks on CHODAT's revision.
- Striga:** BARNES, J. Ind. Bot. Soc. 15 (1936) 125-130, t. 11.—Key to 4 spp.
- BURNS, *ibid.* 1 (1920) 212-216, 4 fig.—Variation in flower colour of Bombay spp.
- Veronica:** LEHMANN, Ann. Jard. Bot. Btzg 25 (1912) 189-201.—Precurs. study on syn. & distr. of *V. javanica*.
- RIEK, in FEDDE, Rep. Beih. 79 (1935) 1-68.—Syst. notes on § *Chamaedrys*; no keys!
- RÖMPF, in FEDDE, Rep. Beih. 50 (1928) 1-172.—Precursory to monograph; keys!
- Wightia:** HALLIER f., Bull. Herb. Boiss. II, 3 (1903) 194-196, 206.—H. assumes this genus to belong to the *Bignoniaceae*.
- VAN STEENIS, Bull. Bot. Gard. Btzg III, 18 (1949) 213-227.—Revision; key.

SCYPHOSTEGIACEAE

- BAEHNI, CH., L'inflorescence mâle du *Scyphostegia borneensis* (C. R. Sc. Soc. Phys. Hist. Nat. Genève 54, 1937, 91-92).—Extract of next paper.
- , Note sur les inflorescences mâles et femelles du *Scyphostegia borneensis* Stapf (Bull. Soc. Bot. Suisse 48, 1938, 22-28, 3 fig.).—Descr. of ♂ flowers & discussion of taxon. position.
- STAPP, O., Trans. Linn. Soc. Lond. II, Bot. 4 (1893) 217-219, t. 17.

SIMAROUBACEAE

(incl. *Irvingiaceae*)

- BOAS, F., Beiträge zur Anatomie und Systematik der Simarubaceae (Beih. Bot. Centralbl. 29, ii (1913) 303-356, fig. 1-7).—*Non vidi*.
- CRONQUIST, A., Studies in the Simaroubaceae IV. Resumé of the American genera (Brittonia 5, 1944, 128-147).—Keys to genera & spp.; descr.
- , Additional notes on the Simaroubaceae (Brittonia 5, 1945, 469-470).—Revised key to the genera.
- ENGLER, A., Pflanzenfamilien ed. 2, 19a (1931) 359-405, fig. 166-190.
- JADIN, F., Contribution à l'étude des Simarubacées (Ann. Sc. Nat. Bot. VIII, 13, 1901, 201-304).—Morph. & anat. of genera.
- PLANCHON, J. E., Revue de la famille des Simaroubacées (Hook. Lond. J. Bot. 5, 1846, 560-584).—List of genera and spp.
- TIEGHEM, PH. VON, Sur les Irvingiacées (Ann. Sc. Nat. IX, 1, 1905, 247-320).—Treatment of *Irvingia* and *Irvingella* as belonging to a separate family.

Local

- Indo-China & China:** LECOMTE, Not. Syst. 1 (1909) 101-105.—List.
- Sumatra:** MERRILL, Contr. Arn. Arb. 8 (1934) 80-81.—2 records.
- Borneo:** MERRILL, Philip. J. Sc. 30 (1926) 82.—First record of *Harrisonia*.
- Java:** BACKER, Schoolfl. Java (1911) 189-194.—Keys; in Dutch.
- Philippines:** RADLKOFER, Philip. J. Sc. 6 (1911) Bot. 365-367.—Descr. *Hebonga n.g.* with 2 new spp.
- New Guinea:** LAUTERBACH, Bot. Jahrb. 56 (1921) 341-344.—Census.
- WHITE, J. Arn. Arb. 31 (1950) 91.—Records of *Ailanthus*.
- Melanesia:** MELCHIOR, Notizbl. Berl.-Dahlem 10 (1930) 893-896.—New *Ailanthus* from Bismarck Arch.
- New Caledonia:** GUILLAUMIN, Bull. Soc. Bot. Fr. 85 (1938) 19-20.—Genera *Suriana* and *Soulamea*; with keys.

SIPHONODONTACEAE

See *Celastraceae*

SOLANACEAE

- BAEHNI, CH., L'ouverture du bouton chez les Solanées (Candollea 10, 1946, 399-492).—New classification of tribes and genera based on the opening of the bud.
- BITTER, G., Weitere Untersuchungen über das Vorkommen von Steinzellkonkretionen im Fruchtfleisch beerentragender Solanaceen (Abh. Naturw. Ver. Bremen 23, 1915, 114-163).—Anat.
- DUNAL, F., in DC. Prod. 13, 1 (1852) 1-690.
- MORTON, C. V., in Studies of tropical American plants (Contr. U. S. Nat. Herb. 29, 1944, 54-55).—Reduces *Lycianthes* to a section of *Solanum*.

Local

- India:** NEES VON ESENBECK, Trans. Linn. Soc. 17 (1837) 37-82.—Monogr. East Indian *Solanaceae*; no keys.
- SANTAPAU, J. Bombay Nat. Hist. Soc. 47 (1948) 652-662.—Revision spp. Bombay Pres.; keys.
- Sumatra:** WITASEK, Oester. Bot. Z. 80 (1931) 162-167.—Enum. coll. SCHIFFNER.
- Java:** ADELBERT, Blumea 6 (1948) 327-333.—Critical notes; one new sp.
- WITASEK, Oester. Bot. Z. 80 (1931) 162-167.—List coll. SCHIFFNER.
- Philippines:** ELMER, Leaf. Philip. Bot. 2 (1910) 729-734.—Account of *Solanums* from Mt Apo; some new spp.

New Guinea: BITTER, Bot. Jahrb. 55 (1917) 59-113.—*Solanum* spp.; key!
MERRILL & PERRY, J. Arn. Arb. 30 (1949) 45-52.
—New spp. and records.
WHITE, Proc. R. Soc. Queensl. 34 (1922) 51-52.
—Some records.

Genera

Brugmansia (*Pseudodatura*): LAGERHEIM, Bot. Jahrb. 20 (1895) 655-668, t. 11.—Monogr. Ecuador spp.; key.
SAFFORD, J. Wash. Acad. Sc. 11 (1921) 182-189.
—Treated as *Datura* §; key!
VAN STEENIS, Bull. Jard. Bot. Btzg III, 11 (1930) 15-18.—Syn. Mal. spp.
—, Trop. Natuur 30 (1941) 33-37, fig. 1-2.—Key 2 Mal. spp.; in Dutch.
VAN ZIJP, Nat. Tijd. Ned. Ind. 80 (1920) 24-28.
Capsicum: BITTER, in FEDDE, Rep. 15 (1917) 96-98.—Crit. notes on a Philip. sp.
IRISH, 9th Ann. Rep. Missouri Bot. Gard. (1898) 53-110, t. 8-28.—Key! With special regard to garden varieties.
PAUL, Trop. Agric. Ceylon 94 (1940) 10-18, 198-213, 332-354.—With keys to the varieties of the spp.
Cestrum: FRANCEY, Candollea 6 (1935) 46-398; *ibid.* 7 (1936) 1-132, 5 pl.—Monograph; key!
PITTIER, J. Wash. Acad. Sc. 22 (1932) 25-37.—Venezuelan spp., several new; key!
Cyphomandra: SENDTNER, Flora 28 (1845) 161-176, t. 1-9.—Monograph Brazilian spp.; key; differences with other genera.
Datura: SAFFORD, J. Wash. Acad. Sc. 11 (1921) 173-189, fig. 1-3.—Revision; key! Includes *Brugmansia*.
VAN STEENIS, Trop. Natuur 30 (1941) 35-38.—Key 2 Mal. spp.; in Dutch.
Lycianthes: AMSHOFF, Act. Bot. Neerl. 3 (1954) 419-420.—Suggests that *Parascopolia* is the oldest name for this segregate.
BITTER, Abh. Naturw. Ges. Bremen 24 (1919) 292-520.—Precursory revision; no key; segregate of *Solanum*.
—, in FEDDE, Rep. 18 (1922) 314-321.—Addition to the above.
Lycium: HITCHCOCK, Ann. Missouri Bot. Gard. 19 (1932) 179-374.—Monograph of New World spp.
Nicandra: BITTER, Beibl. Bot. Centralbl. 14 (1903) 145-176, Taf. 9-14.—Races of *N. physaloides*.
Nicotiana: COMES, Atti Reale Istituto d'Incorrag. Napoli V, 1 (1899) 1-80, t. 1-7 (fig. 1-14).—Monogr.; infrageneric subdivis.; enum. spp.; no keys.
—, Monographie du genre *Nicotiana*, etc. Naples (1899), 1-80, t. 1-7.—French translation of the above. *Non vidi*.
GOODSPEED, Univ. Cal. Publ. Bot. 18 (1945) 345-368, 7 fig.—Sect. div.; no keys.
WHEELER, Univ. Calif. Publ. Bot. 18 (1935) 45-68.—Revision of Australasian spp.; key!
Petunia: FRIES, Kungl. Svenska Vet.-Ak. Handl. 46, no 5 (1911) 1-72, t. 1-5.—Monograph; key.
Salpichroa: BENOIST, Bull. Soc. Bot. Fr. 85 (1938)

408-410.—S. American; some new spp.; provisional key!

Solanum: BITTER, in FEDDE, Rep. 10 (1912) 529-565; *ibid.* 11 (1912) 1-18, 202-237, 241-260, 349-394, 431-473, 481-491, 561-562; *ibid.* 12 (1913) 1-10, 49-90, 136-162, 433-467, 542-555; *ibid.* 13 (1914) 88-103, 169-173; *ibid.* 15 (1917) 93-98; *ibid.* 16 (1919) 10-15, 79-103; (1920) 389-409.—Descr. and notes on new and noteworthy spp. all over the world, mostly the New World.
—, Bot. Jahrb. 49 (1913) 560-569; *ibid.* 54 (1917) 416-506; *ibid.* 57 (1921) 248-286.—Revision, keys; descr., and notes on new and noteworthy spp. from Africa.
—, in FEDDE, Rep. Beih. 16 (1923) 1-320.—*Ditto*.
CORRELL, U. S. Dep. Agric., Agr. Monogr. no 11 (1952) 1-243, fig. 1-168.—Revision sect. *Tuberrarium* of N. & Central America; keys.
VAN STEENIS, Bull. Jard. Bot. Btzg III, 13 (1934) 253.—Some records of mountain spp.

SONNERATIACEAE

BACKER, C. A. & C. G. G. J. VAN STEENIS, Fl. Mal. I, 4 (1951) 280-289, fig. 1-6.—Complete revisions of the genera *Sonneratia* and *Duabanga*.

Local

New Guinea: MERRILL & PERRY, J. Arn. Arb. 22 (1941) 269.—2 Records.
PULLE, Nova Guinea 8 (1911) 677.—One record.
WHITE, Proc. R. Soc. Queensl. 34 (1922) 45-46.—Records.

Genera

Sonneratia: BACKER, Bull. Jard. Bot. Btzg III, 2 (1920) 329-330.—Excellent key to 3 spp.; one new.
PARKER, Ind. For. 51 (1925) 505-510.—Revision.

SPARGANIACEAE

BACKER, C. A., Fl. Mal. I, 4 (1951) 233-234, fig. 1.
GRAEBNER, P., Pflanzenreich Heft 2² (1900) 1-26.

SPHENOCLEACEAE

SHAW, H. K. AIRY, Fl. Mal. I, 4 (1948) 27-28, fig. 1.

STACKHOUSIACEAE

BROUWER, F. I., Fl. Mal. I, 4 (1948) 35-36, fig. 1-2.
MATTFELD, J., Pflanzenfamilien ed. 2, 20b (1942) 240-254.
PAMPANINI, R. & G. BARGAGLI-PETRUCCI, Monografia della famiglia delle Stackhousiacee (Bull. Herb. Boiss. II, 5, 1905, 901-916, 1045-1060, 1145-1160, t. 10-15; *ibid.* 6, 1906, 39-44).

Local

New Guinea: VAN STEENIS, Nova Guinea 14 (1927) 307.—New variety.
—, J. Arn. Arb. 28 (1947) 422.—Record.

Genera

Stackhousia: BROUWER, Blumea 3 (1938) 174-178.—Revision.

STAPHYLEACEAE

KRAUSE, J., Pflanzenfamilien ed. 2, 20b (1942) 255-321.

Local

- Philippines:** ELMER, Leaf. Philip. Bot. 9 (1934) 3217-3218.—Descr. new *Turpinia*.
MERRILL, Philip. J. Sc. 27 (1925) 33-35.—Descr. 2 new Philip. *spp.*, one 1-foliolate.

Genera

- Turpinia:** MERRILL & PERRY, J. Arn. Arb. 22 (1941) 543-555.

STEMONACEAE

(Roxburghiaceae)

- KRAUSE**, K., Pflanzenfamilien ed. 2, 15a (1930) 224-227.
PRAIN, D., Notes on the Roxburghiaceae, etc. (J. As. Soc. Beng. 73, 1904, 39-44).—Key to *spp.*

Local

- Indo-China:** GAGNEPAIN, Bull. Soc. Bot. Fr. 81 (1934) 146-148.—Descr. 5 new *spp.* from Siam & Indo-China.
Java: BACKER, Handb. Fl. Java 3 (1924) 44-45.—One *sp.*
New Guinea: SCHLECHTER, Bot. Jahrb. 59 (1924) 541-543.—Descr. 2 new *spp.*; key!
SMITH, Nova Guinea 8 (1909) 198.—Record.
 —, *ibid.* 14 (1926) 208-209.—Descr.

Genera

- Stemona:** KRAUSE, Notizbl. Berl.-Dahlem 10 (1928) 289-290.—Notes on synonym. & distr. of some *spp.*
PRAIN, J. As. Soc. Beng. 73 (1904) 39-43.—Key!
SCHLECHTER, Notizbl. Berl.-Dahlem 9 (1924) 190-196, fig. 7.—Infrageneric division; key to sections; enumeration of all *spp.*; descr. 2 new Chin. *spp.*
SMITH, Ic. Bog. 3 (1907) 244-246.—Discussion *St. javanica* and *St. moluccana*.
 —, Bull. Jard. Bot. Btzg III, 6 (1924) 73-78.—Descr. new *spp.*
WRIGHT, J. Linn. Soc. Bot. 32 (1896) 490-496.—Revision; key!

STERCULIACEAE

- BENTHAM**, G., Notes on Malvaceae and Sterculiaceae (J. & Proc. Linn. Soc. Lond. 6, 1862, 110-122).—Generic distinction.
HOCHREUTINER, B. P. G., Ann. Jard. Bot. Btzg Suppl. 3 (1910) 821-831.—Descr. *spp.* cult. in Hort. Bog.
KORTHALS, P. W., Overzicht der Sterculiaceae en Buttneriaceae van de Nederlandsche Oost-Indische Bezittingen (Ned. Kruidk. Arch. 1, 1848, 301-313).—In Dutch; list of Neth.-Ind. *spp.*, incl. also *Bombacaceae* and *Tiliaceae*; descr. *Covilhamia* and *Schoutenia*.

Local

- Sumatra:** MERRILL, Contr. Arn. Arb. 8 (1934) 103-104.—Records; synonym.
 —, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 169-171.—3 new *spp.* of *Sterculia*.

- Malay Peninsula:** BURKILL, Kew Bull. (1935) 317.—New comb. in *Firmiana*.
CORNER, Gard. Bull. Str. Settl. 10 (1939) 262.—Record of *Pterospermum acerifolium*.
SYMINGTON, Kew Bull. (1937) 319.—*Peniculifera* reduced to *Trigonopleura*.

- Borneo:** MERRILL, Philip. J. Sc. 21 (1922) 524-529.—Descr. 5 new *Sterculias*.
 —, *ibid.* 29 (1926) 394-395.—Descr. 2 *Sterculias*.
 —, *ibid.* 30 (1926) 84.—Record of a *Pterospermum*.

- RIDLEY**, Kew Bull. (1938) 222-226.—List; descr. new *spp.* in *Sterculia*, *Tarrietia* and *Buettneria*.
AIRY SHAW, Kew Bull. (1949) 160-162.—List Oxford Exp.; one new *Sterculia*.
WARBURG, in FEDDE, Rep. 18 (1922) 330.—Descr. new *Buettneria*.

- Java:** ADELBERT, Blumea 5 (1945) 505-507.—Critical notes; a new *Melhania* and *Sterculia*.
BACKER, Schoofl. Java (1911) 133-146.—Keys! In Dutch.

- Celebes:** KOORDERS, Suppl. Flora N. O. Celebes 2 (1922) t. 66-68; *ibid.* 3 (1922) 32-34.—Pl. of 3 *spp.*

- Philippines:** ELMER, Leaf. Philip. Bot. 5 (1913) 1641-1644.—List Philip. *Trichospermums*; descr. 2 new *spp.*
MERRILL, Philip. J. Sc. 30 (1926) 409-411.—Descr. new *Sterculia*.

- New Guinea:** KANEHIRA & HATUSIMA, Bot. Mag. Tokyo 55 (1941) 389.—Some records.
MERRILL & PERRY, J. Arn. Arb. 30 (1949) 40-44.—Additions; some new *spp.* of *Sterculia*.
MILDBRAED, Bot. Jahrb. 62 (1929) 347-367.—Revision; keys!

- VON MUELLER**, Vict. Nat. 3 (1886) 45-52.—Some new *Pterygota*, *Sterculias*, and *Brachychiton*.
PULLE, Nova Guinea 8 (1911) 665-666.—Some records.

- WHITE**, J. Arn. Arb. 10 (1929) 239-240.—Misc. records.

- Melanesia:** MILDBRAED, Notizbl. Berl.-Dahlem 10 (1930) 281-282.—Descr. new *Sterculia*.
VON MUELLER, Australas. J. Pharm. 2 (1887) 43-45.—Descr. 2 new *spp.* New Britain.

Genera

- Abroma:** MIQUEL, Ill. Fl. Arch. Ind. (1871) 105.—Notes.

- Buettneria:** MIQUEL, Ill. Fl. Arch. Ind. (1870) 90-92.—List; descr.

- Commersonia:** GAGNEPAIN, Not. Syst. 1 (1909) 96-97.—Varieties of *C. echinata*.

- Covilhamia* = *Stixis* (*Capparidaceae*).

- Erythropsis:** BURKILL, Gard. Bull. Str. Settl. 5 (1932) 231.—Discussion; one new comb.

- RIDLEY**, Kew Bull. (1934) 215-216.—List of Mal. *spp.*; one new *sp.* from India.

- Firmiana:** RIDLEY, Kew Bull. (1934) 214-215.—List of *spp.*

- Hildegardia:** KOSTERMANS, J. Sc. Res. Indon. 2 (1953) 11.—Revision; one new *sp.* in Mal.

- Melochia** (*Aleurodendron*): GARCKE, Bot. Jahrb. 12 (1890) Beibl. no 27, 29-32.—Discussion synonym. and confusion with *Waltheria* and other genera.

Leptonychia: BURRET, Notizbl. Berl.-Dahlem 9 (1926) 727-731.—Several *spp.* of *Grewia* appear to belong to *L.*

Peniculifera = *Trigonopleura* (*Euphorbiaceae*), cf. SYMINGTON, Kew Bull. (1937) 319.

Pterocymbium: KOSTERMANS, Reinwardtia 1 (1950) 41-50.—Revision *Mal. spp.*; key!; descr.; one new comb. in *Sterculia*.

—, *ibid.* 2 (1953) 363-365, fig. 3.—New *sp.*; revised key.

Pterospermum: MIQUEL, Ill. Fl. Arch. Ind. (1870) 84-89.—List; descr.

Pterygota: KOSTERMANS, Reinwardtia 2 (1953) 365-366, fig. 4.—New comb.; *Tetradia* incorporated in *Pterygota*.

Reevesia: ANTHONY, Not. R. Bot. Gard. Edinb. 15 (1926) 121-129, 2 fig.—Revision of the genus; enum. and key!

—, *ibid.* 15 (1927) 237-238.—Revision of specimens from Java.

Scaphium: KOSTERMANS, J. Sc. Res. Indon. 2 (1953) 2-11, fig. 1-6, tab.—Revision *Mal. spp.*; key; remarks on other genera.

Sterculia: SCHUMANN, Bot. Jahrb. 24 (1898) Beibl. 58, 14-21.—BECCARI collection.

Tarrietia: SPRAGUE, Kew Bull. (1916) 85-86.—Some critical notes concerning distinction *Heritiera*, *Tarrietia*, & *Argyrodendron*.

Theobroma: BERNOULLI, Neue Denkschr. Allg. Schweiz. Ges. Naturwiss. Zürich 24 (1871) 1-15, t. 1-7.—Revision; no key.

CHEVALIER, Rev. Bot. Appl. & Agric. Trop. 26 (1946) 265-285, t. 5-6.—Revision; key; based on the coll. of the Paris Herbarium.

Triumfetta: SPRAGUE & HUTCHINSON, J. Linn. Soc. Bot. 39 (1909) 231-276, t. 17.—Revision African *spp.*; key!

STYLIDIACEAE

GOOD, R. D., New Phytol. 24 (1925) 225-240, 3 maps.—Discuss. of geogr. distr.

MILDBRAED, J., Pflanzenreich Heft 35 (1908) 1-98, fig. 1-26.

SLOOTEN, D. F. VAN, Bull. Jard. Bot. Btzg III, 6 (1924) 65-67.—Revision; key!

—, *ibid.* III, 14 (1937) 169-174.—New revision; key!

—, Fl. Mal. I, 4 (1954) 529-532, fig. 1-5.

Local

New Guinea: VAN SLOOTEN, Nova Guinea 14 (1926) 195.—Record.

STYRACACEAE

PERKINS, J., Pflanzenreich Heft 30 (1907) 1-111, fig. 1-18.

—, Uebersicht über die Gattungen der *Styracaceae*, etc. Leipzig (1928) 1-36, fig. 1-19.—Separately published account of the genera intended for 2nd ed. of the *Pflanzenfamilien*.

STEENIS, C. G. G. J. VAN, Bull. Jard. Bot. Btzg III, 12 (1932) 212-272.—Revision; keys!

—, Fl. Mal. I, 4 (1949) 49-56, fig. 1-12.

Local

Sumatra: SMITH, J. J., Tectona 10 (1917) 204-206; Bull. Jard. Bot. Btzg III, 4 (1922) 238-240, t. 10.—Descr. new *sp.*

DE VRIESE, Pl. Nov. Ind. Bat. Orient. (1845) 9-10, t. 3.—Descr. new *sp.*

Philippines: MERRILL & QUISUMBING, Philip. J. Sc. 56 (1935) 313-317, t. 1.—Descr. new *sp.*

New Guinea: VAN STEENIS, J. Arn. Arb. 28 (1947) 422-423.—Ident. Pap. specim.

Melanesia: VAN STEENIS, J. Arn. Arb. 20 (1939) 220-221.—Record of *Styrax* in the Solomons.

SYMPHOREMACEAE

See Verbenaceae

SYMPLOCACEAE

BRAND, A., Pflanzenreich Heft 6 (1901) 1-100, fig. 1-9.

—, Ueber einige Symplocaceen des Herbar Delessert (Ann. Cons. Jard. Bot. Genève 7-8, 1904, 277-287).—Addit. to monogr.; list; no keys.

—, Additamenta nova, etc. (Bull. Herb. Boiss. II, 6, 1906, 747-750).—Some new *spp.* and comb. from W. Malaysia.

—, Decas specierum novarum (in FEDDE, Rep. 14, 1916, 323-326).—Some new *spp.* from the Philippines, one from Malaya.

Local

China: HANDEL-MAZZETTI & PETER-STIBAL, Beih. Bot. Centralbl. 62 B (1943) 1-42.—Revision; key!

Indo-China: GUILLAUMIN, Bull. Soc. Bot. Fr. 71 (1924) 273-288.—Descr.; key!

MERRILL, Univ. Calif. Publ. Bot. 13 (1926) 140-141. — Descr. new *sp.*

Sumatra & Java: RIDLEY, J. Fed. Mal. St. Mus. 8, part 4 (1917) 60-61.—New *sp.* from Mt Kerintji.

DE VRIESE, Pl. Nov. Ind. Bat. Or. (1845) 11-12. — Descr. 3 new *spp.* from Sumatra and Java.

Borneo: MERRILL, Sarawak Mus. J. 3 (1928) 545-546.—Descr. 2 new *spp.*

—, Pl. Elm. Born. (1929) 248-249.—New records.

AIRY SHAW, Kew Bull. (1939) 508-509.—2 records.

STAPP, Trans. Linn. Soc. II, Bot. 4 (1894) 204-206.—Descr. 5 good new *spp.*

Philippines: BRAND, in PERKINS, Fragm. Fl. Philip. (1904) 36.—Records; descr. new *sp.*

—, Philip. J. Sc. 3 (1908) Bot. 1-10.—Revision; key!

—, *ibid.* 4 (1909) 107-110.—Descr. new *spp.*; key!

—, *ibid.* 7 (1912) 29-36.—Addit. new *spp.*; new key!

ELMER, Leaf. Philip. Bot. 2 (1908) 508-511.—Descr. 3 new *spp.*

—, *ibid.* 7 (1914) 2319-2324.—Descr. 4 new *spp.*

—, *ibid.* 10 (1939) 3792-3794.—Descr. 2 new *spp.*

MERRILL, Philip. J. Sc. 35 (1928) 7.—Nomencl. note; nom. nov.

PERKINS, Fragm. Fl. Philip. (1904) 37.—Syn. *S. polyandra*.

New Guinea: BRAND, Bot. Jahrb. 54 (1916) 212–225.—Descr. new *sp.*; key!
—, Nova Guinea 14 (1924) 186–189.—Descr. 9 new *sp.*

—, in FEDDE, Rep. 26 (1929) 172.—*S. oranjeensis* n. sp.

KANEHIRA & HATUSIMA, Bot. Mag. Tokyo 56 (1942) 485–489.—Descr. some new *sp.*

LAUTERBACH, Nova Guinea 8 (1912) 857.—Record.

WHITE & FRANCIS, Proc. R. Soc. Queensl. 38 (1927) 256–257, fig. 17.—Descr. new *sp.*

Fiji: TURRILL, J. Linn. Soc. Bot. 43 (1915) 30–31.—Descr. new *sp.*

New Caledonia: GUILLAUMIN, Bull. Soc. Bot. Fr. 71 (1924) 939–946.—Census; key!

Genera

Symplocos: BRAND, Bull. Herb. Boiss. II, 6 (1906) 750.—Revision sect. *Cordylolabste*.

VAN STEENIS, Bull. Bot. Gard. Btzg III, 17 (1948) 429–446, 2 fig. —*Ditto*.

TACCACEAE

LIMPRICHT, W., Beitrag zur Kenntnis der Taccaceae. Inaug. Diss. Bot. Gart. Univ. Breslau (1902) 1–59.—Monogr.; keys.

—, Pflanzenreich Heft 92 (1928) 1–32, fig. 1–5. —Practically a copy of the thesis.

PAX, F., Pflanzenfamilien ed. 2, 15a (1930) 434–437, fig. 192–193.

Local

Malay Peninsula: RIDLEY, Mat. Fl. Mal. Pen. (Monocot.) 2 (1907) 75–78.—Key.

Borneo: MERRILL, Philip. J. Sc. 29 (1926) 356–357.—Descr. new *sp.*

Java: BACKER, Handb. Fl. Java pt 3 (1924) 106–108.—Key; in Dutch.

Celebes: SMITH, Bull. Jard. Bot. Btzg III, 6 (1924) 79–80.—Descr. new *sp.*

Philippines: ELMER, Leaf. Philip. Bot. 10 (1939) 3794–3796.—Descr. new *sp.*

KRAUSE, in ELMER, Leaf. Philip. Bot. 6 (1914) 2283–2284.—Descr. new *sp.*

QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 137–138.—Crit. notes; synon.

Genera

Tacca: MERRILL, J. Arn. Arb. 26 (1945) 85–92, 2 pl.—Syn. *T. leontopetaloides*; morph. rhizome.

TAMARICACEAE

NIEDENZU, FR., Pflanzenfamilien ed. 2, 21 (1925) 282–289.

TAXACEAE

See *Coniferae*

THEACEAE

(*Ternstroemiaceae*, incl. *Tetrameristaceae*)
(excl. *Pentaphyllaceae*)

CHOISY, J., Mémoire sur les familles des Ternstroemiaceae et Camelliaceae (Mém. Soc. Phys. Hist. Nat. Genève 14, 1854, 91–186, t. 1–3). —Generic descr. and delimitation.

KORTHALS, P. W., Bijdrage tot de kennis der Ternstroemiaceae (in TEMMINCK, Verh. Nat. Gesch. Bot. 1841–42, 93–149, t. 25–31).—Descr. in Latin of *sp.* and genera.

MELCHIOR, H., Pflanzenfamilien ed. 2, 21 (1925) 109–154, fig. 59–67.

—, Ueber die systematische Gliederung und Phylogenie der Theaceen (in FEDDE, Rep. Beih. 56, 1929, 232–235).—Validation of morphology for the system.

—, Notizbl. Berl.-Dahlem 11 (1934) 1093–1100. —Survey of the few Afr. representatives.

MIQUEL, F. A. W., Adnotationes de Ternstroemiaceis (Ann. Mus. Bot. Lugd.-Bat. 4, 1869, 103–105, 112–114).—Various notes; list; many new *sp.*

SHAW, H. K. AIRY, The classification of the Camellioideae (Kew Bull. 1936, 498–499).—Modified version of MELCHIOR's treatment excluding several genera which are assigned to other families.

Local

Formosa: KENG, Taiwania 1 (1950) 223–268.—Revision; key.

Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 106–107.—List misc. records.

Borneo: MERRILL, J. Str. Br. R. As. Soc. no 86 (1922) 331.—New *sp.* & new comb. in *Gordonia*. RIDLEY, Kew Bull. (1938) 173–175.—List; new records in *Ternstroemia*; new *sp.* of *Adinandra* & *Ternstroemia*.

AIRY SHAW, in HOOK. Ic. Pl. (1936) t. 3309.—New *Schima*.

—, Kew Bull. (1939) 404–408 (*sphalm.* 504–508). —List RICHARDS coll.; new records and *sp.* of *Adinandra* & *Ternstroemia*.

—, in HOOK. Ic. Pl. V, 5 (1940) t. 3408.—Descr. & pl. of *Ternstroemia magnifica*.

WARBURG, in FEDDE, Rep. 18 (1922) 329.—New *Schima*.

Java: BACKER, Schoolfl. Java (1911) 95–105.—Key; in Dutch.

Philippines: BURKILL, Philip. J. Sc. 15 (1919) 475–478.—Revision; key!; descr.

New Guinea: DIELS, Bot. Jahrb. 57 (1923) 431–435.—Keys.

—, *ibid.* 62 (1929) 483.—Descr. new *Eurya*.

HATUSIMA, J. Jap. Bot. 26 (1951) 371.—New comb. in *Eurya*.

KOBUSKI, J. Arn. Arb. 21 (1940) 134–162.—Census; no key; descr. new *sp.*

—, Bot. Mag. Tokyo 55 (1941) 504–507, fig. 2. —Records; one new *Ternstroemia*.

KURATA, Bull. Tokyo Univ. For. no 36 (1948) 132–133, 1 fig.—Descr. new *Ternstroemia*.

WHITE, J. Arn. Arb. 10 (1929) 241.—Record of a Philippine *Ternstroemia*.

Genera

Adinandra: KOBUSKI, J. Arn. Arb. 28 (1947) 1–98.—Revision; keys (geogr.)!

—, J. Arn. Arb. 34 (1953) 125–134.—Descr. misc. new *sp.*

Anneslea: KOBUSKI, J. Arn. Arb. 33 (1952) 79–90.—Revision; key.

- Camellia** (*Thea*): COHEN STUART, Bull. Jard. Bot. Btzg III, 1 (1919) 193–320, 3 maps, pl. 21–31.—Monogr.; key.
- KOCHS, Bot. Jahrb. 27 (1900) 577–635, t. 8.—Monograph; key; varieties of cult. *spp.*; anat.
- REHDER, J. Arn. Arb. 5 (1924) 238–239.—R. accepts *Thea* as the correct name on page priority basis which is, according to the Rules, nomenclaturally inadmissible.
- SEALY, Kew Bull. (1949) 215–222.—Descr. new *spp.* & new comb. of SE. Asia, precursory to a revision of the genus.
- SEEMANN, Trans. Linn. Soc. Lond. 22 (1859) 337–352, t. 60–61.—*Camellia* & *Thea* kept distinct; synopsis of *spp.*; no keys.
- Cleyera**: KOBUSKI, J. Arn. Arb. 18 (1937) 118–129.—Asia & Japan.
- , *ibid.* 28 (1947) 34, 44.—New var. from Luzon, originally descr. in *Adinandra*.
- Eurya**: KOBUSKI, Ann. Missouri Bot. Gard. 25 (1938) 299–359.—Revision of subg. *Euryodes* and *Pentaneurya*; keys!
- , J. Arn. Arb. 20 (1939) 361–374.—Misc. notes and descr. new *spp.*
- VESQUE, Bull. Soc. Bot. Fr. 42 (1895) 151–161.—Revision; key.
- DE WIT, Bull. Bot. Gard. Btzg III, 17 (1947) 329–375, 5 fig.—Revision; keys!; *spp.* of the Philippines and the Malay Peninsula are not treated.
- Gordonia**: BURKILL, J. Str. Br. R. As. Soc. no 76 (1917) 133–159, fig. 1–15.—Enum. of *spp.*
- Laplacea**: SPRAGUE, J. Bot. 61 (1923) 17–19, 83–85.—Proposed to be conserved against *Lindleya*; nomencl.
- Pentaphylax**. See *Pentaphyllaceae*.
- Ploiarium** (*Archytaea auct.*): HALLIER f., Beih. Bot. Centralbl. 34, ii (1916) 34, note 1.—Short note on the genus.
- KOBUSKI, J. Arn. Arb. 31 (1950) 201–207.—Revision; key.
- Schima**: BLOEMBERGEN, Reinwardtia 2 (1952) 133–183, fig. A–J.—The genus is reduced to one *sp.* with a number of *subsp.*; key!
- AIRY SHAW, Kew Bull. (1936) 496–497.—Various critical notes.
- Ternstroemia** (*Cyclandra*): HATUSIMA, Bot. Mag. Tokyo 65 (1952) 109–111.—*Cyclandra* (formerly *Guttiferae*) is reduced to *Ternstroemia*; 1 new comb.
- Tetramerista**: HALLIER f., Beih. Bot. Centralbl. 34, ii (1916) 35–40.—Revision.
- Trematanthera** = *Saurauia* (*Actinidiaceae*). (Adansonia 11, 1875, 326–329).—General discussion.
- DECAISNE, J., Description des genres *Drymispermum*, *Pseudals* et *Gyrinopsis* du groupe des *Aquilariées* (Ann. Sc. Nat. II, 19, 1843, 35–42, t. 1).—Descr. *n. g.* & *n. spp.*; list of *Phaleria* (under *Drymispermum*), *Pseudals* and *Gyrinopsis*.
- DOMKE, W., Zur Kenntnis einiger Thymelaeaceae (Notizbl. Berl.-Dahlem 11, 1932, 348–362).—For Malaysia only new *Aquilaria*, new *sp.* & comb. in *Gyrinops*.
- , Untersuchungen über die systematische und geographische Gliederung der Thymelaeaceen nebst einer Neubeschreibung ihrer Gattungen (Bibl. Bot. Heft 111, 1934, 1–151, 1 fig., t. 1–7, 5 maps).—Subdiv. of fam.; keys to and descr. of genera.
- HALLIER f., H., Beiträge zur Kenntnis der Thymelaeaceen und ihrer natürlichen Umgrenzung (Med. Rijksherb. Leiden no 44, 1922, 1–31).—Discussion on affinities within the family. List of Malayan representatives with critical syn.; descr. new *spp.*; no keys.
- MEISNER, K. F., Ueber die Ostindischen Thymeläen (Denkschr. Bot. Ges. Regensb. 3, 1841, 271–294, t. 6–7).—Taxonomy, tribes; mostly Asiatic *spp.*
- MIQUEL, F. A. W., Thymelaeacearum genera nova (Ann. Mus. Bot. Lugd.-Bat. 1, 1863, 132–133, t. 4).—Descr. *Lachnolepis* and *Gonystylus*.
- QUISUMBING, E., A critical study of Philippine species of the tribe *Aquilariæ* (J. Arn. Arb. 27, 1946, 401–407).—Various new comb. of Mal. *spp.* in this tribe.
- SHAW, H. K. AIRY, Thymelaeaceae-Gonystyloideae (Fl. Mal. I, 4, 1953, 349–365, 6 fig.).
- STEENIS, C. G. J. VAN, Bull. Jard. Bot. Btzg III, 13 (1934) 254.—List of *Daphne* and *Kelleria* & *Drapetes* records.

Local

- Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 111.—Syn. of *Eriolosena*.
- Borneo: DOMKE & VAN STEENIS, Notizbl. Berl.-Dahlem 12 (1934) 233–235.—Descr. new *Gonystylus*.
- AIRY SHAW, Kew Bull. (1940) 261–262.—Some records.
- , in HOOK. Ic. Pl. V, 5 (1947) t. 3474–3475.
- Java: BACKER, Bekn. Fl. Java (em. ed.) 4A (1942) fam. 77, p. 1–5.
- , Blumea 5 (1945) 494–495.—New *Phaleria* and a new name in *Wikstroemia*.
- Celebes: KOORDERS, Suppl. Flora N. O. Celebes 2 (1922) t. 98; *ibid.* 3, p. 48.—*Phaleria urens*.
- Philippines: ELMER, Leaf. Philip. Bot. 5 (1913) 1629–1632.—Survey of *Gyrinopsis*; 3 new *spp.*
- QUISUMBING, J. Arn. Arb. 27 (1946) 401–407.—Crit. study of *Aquilariæ*; various new comb. and new *spp.*
- WARBURG, in PERKINS, Fragm. Fl. Philip. (1905) 171–172.—New *Wikstroemia*.
- Moluccas: MERRILL, Philip. J. Sc. 11 (1916) Bot. 294–295.—New *Phaleria* from Ambon.
- , J. Arn. Arb. 31 (1950) 283.—New comb. in *Aquilaria*.

THEOPHRASTACEAE

See *Myrsinaceae*

THYMELAEACEAE

(incl. also *Gonystylaceae*)

- BAILLON, H., Nouvelles observations sur les *Aquilariées* (*Adansonia* 11, 1875, 313–322).—General discussion.
- , Sur les *Aquilariées* des herbiers de la Hollande et sur une affinité peu connue de ce groupe

New Guinea: DOMKE, Bot. Jahrb. 62 (1929) 484–485.—New *Kelleria* (*Drapetes*).
 GILG, Nova Guinea 8 (1910) 411–412.—New *Phaleria* and *Brachythalamus*.
 MERRILL & PERRY, J. Arn. Arb. 22 (1941) 264–267.—New *spp.* and records in *Phaleria*, *Wikstroemia*, and *Kelleria*.
 VAN STEENIS, Nova Guinea 14 (1927) 306.—Record *Gonystylus*.

Genera

Aetoxylon: AIRY SHAW, Kew Bull. (1950) 145.
 —, Fl. Mal. I, 4 (1952) 364–365, fig. 6.
Amyxa: AIRY SHAW, in HOOK. Ic. Pl. V, 5 (1947) t. 3475.
 —, Fl. Mal. I, 4 (1952) 362–363, fig. 5.
Aquilaria: GILG, Bot. Jahrb. 28 (1901) 145–146.—Enum. *spp.*; key!; new *sp.* from New Guinea.
Gonystylus: AIRY SHAW, Kew Bull. (1947) 9–17.—Key; 3 sections; some new *spp.*
 —, in HOOK. Ic. Pl. V, 5 (1947) t. 3474.—§ *Auxanthus*; descr. *G. augescens*.
 —, Kew Bull. (1950) 138–147.—New or noteworthy *spp.* of *Gonystylus* and allied genera.
 —, Fl. Mal. I, 4 (1952) 350–361.
Gyrinops (*Brachythalamus*): DOMKE, Notizbl. Berl.-Dahlem 11 (1932) 349–350.
 GILG, Bot. Jahrb. 28 (1901) 146–147.—Descr. 2 Papuan *spp.*
Phaleria: VALETON, Ic. Bog. 4 (1913) t. 368–371.—Critical notes & fig. of several *spp.*
Pimelea: ENGLER, Bot. Jahrb. 7 (1886) 459–460.—Nomencl. Timor *sp.*
 FAWCETT, in FORBES, Wanderings ed. 2 (1885) 516.—Descr. new *sp.* from Timor.

TILIACEAE

BENTHAM, G., Notes on Tiliaceae (J. Proc. Linn. Soc. 2nd Suppl. to vol. 5, 1861, 52–62).—Census of the family with keys to gen. & *spp.*; many new *spp.*
 BURRET, M., Beiträge zur Kenntnis der Tiliaceen (Notizbl. Bot. Gart. Berl.-Dahlem 9, 1926, 592–880).—Important precursory to a revision; subdivision of the family; see also under genera.
 —, ditto II (*ibid.* 1927, 1161–1174).—Additions to paper above.
 —, ditto III (*ibid.* 12, 1934, 160–167).—Ditto.
 —, ditto IV (*ibid.* 12, 1935, 602–605).—Ditto.
 —, ditto V (*ibid.* 13, 1936, 252–255).—Descr. new *Brownlowia* (Borneo), *Grewia* and *Trichospermum* (Celebes).
 HOCHREUTNER, B. P. G., Notes sur les Tiliacées (Ann. Cons. Jard. Bot. Genève 18/19, 1914, 68–128).—New subdiv. of family; descr. of *spp.*, practically none Malaysian.

Local

Sumatra: RIDLEY, Kew Bull. (1924) 262.—New *Grewia* from Mal. Pen. & Sumatra.
Borneo: MERRILL, Philip. J. Sc. 30 (1926) 82–83.—Record of and new *Pentace*.
 —, Pl. Elm. Born. (1929) 184–188.—Records; new *spp.* in *Pentace*, *Brownlowia* and *Microcos*.
 RIDLEY, Kew Bull. (1938) 226–229.—List re-

cords; new *spp.* of *Brownlowia*, *Pentace* and *Microcos*.

AIRY SHAW, Kew Bull. (1949) 159–160.—Record and new *spp.* of *Microcos*.
 WARBURG, in FEDDE, Rep. 18 (1922) 330.—New *spp.* of *Pentace*.
Java: ADELBERT, Blumea 5 (1945) 503–505.—Critical notes on delimitation.
 BACKER, Schoofl. Java (1911) 147–157.—Keys!; in Dutch.
 —, Bekn. Fl. Java (em. ed.) 4B (1944) fam. 105, p. 1–25.—Keys!
Philippines: ELMER, Leaf. Philip. Bot. 2 (1909) 631–632.—New *Grewia* from Negros.
 —, *ibid.* 5 (1913) 1641–1644.—List of Philip. *Trichospermum*; 2 new *spp.*; no key.
 QUISUMBING & MERRILL, Philip. J. Sc. 37 (1928) 167–170.—Verif. Philip. nomencl. with BURRET's work.
New Guinea: BURRET, Notizbl. Berl.-Dahlem 11 (1932) 511–512.—2 new *spp.* of *Trichospermum*.
 MERRILL & PERRY, J. Arn. Arb. 20 (1939) 339–345.—New *spp.* in *Berrya*, *Trichospermum*, *Microcos*, and *Colona*.
 PULLE, Nova Guinea 8 (1911) 663–664.—Misc. records; new *Grewia*.
 WHITE, Proc. R. Soc. Queensl. 34 (1922) 43.—Misc. records.
 —, J. Arn. Arb. 10 (1929) 238.—Records BRASS coll.
 —, Proc. R. Soc. Queensl. 47 (1936) 54.—Record of a Pap. *Grewia* in Queensland.
 — & FRANCIS, Proc. R. Soc. Queensl. 38 (1927) 240–241.—Descr. new *Columbia*.

Genera

Althoffia: BURRET, Notizbl. Berl.-Dahlem 9 (1926) 857–861.—Revision; key.
 WHITE, Proc. R. Soc. Queensl. 34 (1922) 43.—Crit. note on 2 Pap. *spp.* of *Althoffia*.
Berrya: BURRET, Notizbl. Berl.-Dahlem 9 (1926) 605–607.—Revision; key!
 KOORDERS & VALETON, Ic. Bog. 1 (1897) 19–20, t. 5.—New *Berrya* from Java.
Brownlowia: BURRET, Notizbl. Berl.-Dahlem 9 (1926) 613–619, 869.—Revision; key!
 —, *ibid.* 9 (1927) 1163–1165.—New comb.; additions.
 —, *ibid.* 12 (1934) 160–161.—Correction; identical with 9 (1927) 1163–1164 (*sic*).
Colona (*Diplophractum*): BURRET, Notizbl. Berl.-Dahlem 9 (1926) 796.—Revision; key!
 —, *ibid.* 12 (1934) 161–162.—Some notes; new *sp.* from Celebes.
Diplodiscus: BURRET, Notizbl. Berl.-Dahlem 9 (1926) 618–619.—Enum.
 —, *ibid.* 12 (1934) 162.—New comb. from Borneo.
Eleutherostylis: BURRET, Notizbl. Berl.-Dahlem 9 (1926) 629–632.—Monotypic; New Guinea!
Grewia: BURRET, Notizbl. Berl.-Dahlem 9 (1926) 632–736; *ibid.* (1927) 1165–1171.—Key to sections; *Microcos* split off as separate genus; revision & key to non-African *spp.*!
 —, *ibid.* 12 (1935) 604–605.—New Papuan *spp.*
 CORNER, Gard. Bull. Str. Settl. 10 (1939) 262.—

- Criticism on generic distinction of *Grewia* & *Microcos*; new name in *Grewia*.
 DRUMMOND, J. Bot. 49 (1911) 329-337, 357-363.
 —Critical notes on ROXBURGH's *spp.*
 GAGNEPAIN, Not. Syst. 1 (1909) 119-132.—Revision; enum. & key of *spp.*
 GARCKE, Bonplandia 5 (1857) 257-258.—Critical notes on 2 wrongly placed Philip. *Grewias* by WALPERS.
 —, Bot. Zeit. 22 (1864) 337-339, 345-347.—Miscell. notes on *Grewia*.
 NARAYANASWAMI & RAO, J. Ind. Bot. Soc. 29 (1950) 177-190.—Notes Indo-Burm. *spp.*
Microcos (*Omphacarpus*, *Inodaphnis*): BURRET, Notizbl. Berl.-Dahlem 9 (1926) 728-736, 756-795.—Revision & key to Malaysian *spp.*!; not all *spp.* are keyed out.
 —, *ibid.* (1927) 1171-1173.—Some additions.
 —, *ibid.* 12 (1934) 162-165.—New *spp.* from Borneo and New Guinea.
 —, *ibid.* 12 (1935) 602-604.—2 new *spp.* from Borneo & New Guinea.
 KORTHALS, Kruidkunde in TEMMINCK, Verh. Nat. Gesch. (1842) 192-194, t. 42.—Descr. 2 new *spp.*
 KURZ, Flora 55 (1872) 397-398.—Reduction.
Pentace: BURRET, Notizbl. Berl.-Dahlem 9 (1926) 619-621, 814.—Notes; new comb.
Schoutenia (*Actinophora*, *Chartacalyx*): BURRET, Notizbl. Berl.-Dahlem 9 (1926) 625-628.—Revision; key!
 KORTHALS, Ned. Kruidk. Arch. 1 (1846) 312-313.—Type descr.
Trichospermum (*Bixagrewia*): BURRET, Notizbl. Berl.-Dahlem 9 (1926) 846-855.—Revision; key!
 —, *ibid.* 11 (1932) 511-512.—2 new Pap. *spp.*
 KURZ, J. Bot. 13 (1875) 325, 373.
 MERRILL, Philip. J. Sc. 11 (1916) Bot. 288-290.—New *sp.* from Ambon.
Triumfetta: BACKER, Trop. Natuur 8 (1919) 6-7, fig. 12.—Distinction *T. repens* and *procumbens*.
 GAGNEPAIN, Not. Syst. 1 (1910) 170-174.—Crit. notes on 3 *spp.* allied to *T. procumbens*; key to these *spp.*
 HEMSLEY, J. Bot. 28 (1890) 1-2, t. 293.—Critical note on *T. procumbens*.
 LAY, Ann. Missouri Bot. Gard. 37 (1950) 315-395.—Revision Amer. *spp.*; keys!

TRAPACEAE

See *Hydrocaryaceae*

TRIGONIACEAE

- MIQUEL, F. A. W., Fl. Ind. Bat. Suppl. 1 (1860) 394-395.—Descr. *Trigoniastrum*.
 STEENIS, C. G. G. J. VAN, Fl. Mal. I, 4 (1949) 58-60, 1 fig.

Local

- Borneo: AIRY SHAW, Kew Bull. (1940) 253-254.—Record; 2 new varieties.

TRIURIDACEAE

- BECCARI, O., Le Triuridaceae della Malesia (Malesia) 3, 1890, 318-344, t. 39-42.—Revision; key!

- GIESEN, H., Pflanzenreich Heft 104 (1938) 1-84, fig. 1-18, 3 maps.

Local

- Java**: BACKER, Handb. Fl. Java 1 (1925) 64-66.—Key!; in Dutch.
Moluccas: SMITH, Bull. Jard. Bot. Btzg III, 16 (1939) 111-112, fig. 1.—Descr. new *sp.* from Buru.
New Guinea: SCHLECHTER, Bot. Jahrb. 49 (1913) 70-89, 3 fig.—Descr. new gen. & *spp.*; no key.
 SMITH, Nova Guinea 14 (1927) 323-327, t. 35-36.—Records & descr. new *spp.*
 WENT Sr, Nova Guinea 8 (1909) 165-167, t. 47.—*Ditto*.
Micronesia: TUYAMA, Bot. Mag. Tokyo 52 (1938) 61-65, fig. 1-4.—New *Andruris*; key to *Andruris*.

TROPAEOLACEAE

- BUCHENAU, F., Pflanzenreich Heft 10 (1902) 1-36, fig. 1-14.
 FARENHOLTZ, H., Pflanzenfamilien ed. 2, 19a (1931) 67-82, fig. 35-42.

Genera

- Tropaeolum**: BUCHENAU, Bot. Jahrb. 15 (1893) 180-259.—Revision; key!
 —, *ibid.* 22 (1895) 157-183.—Additions.

TURNERACEAE

- BACKER, C. A., Fl. Mal. I, 4 (1951) 235-238, fig. 1-2.
 GILG, E., Pflanzenfamilien ed. 2, 21 (1925) 459-466.
 URBAN, I., Monographie der Familie der Turneraceen (Jahrb. Bot. Gart. Berlin 2, 1883, 1-152, t. 1-11).—Monograph with keys!

Genera

- Turnera**: VAN STEENIS, Trop. Natuur 20 (1931) 227-231, fig. 1-3.—Distinction Mal. *spp.*

TYPHACEAE

- BACKER, C. A., Fl. Mal. I, 4 (1951) 242-244, fig. 1.
 GRAEBNER, P., Pflanzenreich Heft 2, pt 1 (1900) 1-18, fig. 1-4.

Local

- Java**: BACKER, Handb. Fl. Java 1 (1925) 31.—In Dutch.
New Guinea: HALLIER f., Nova Guinea 8 (1913) 911-914.—New revision of the genus!

Genera

- Typha**: GÈZE, Bull. Soc. Bot. Fr. 58 (1911) 457-461.—Critical remarks on the syn. of some *spp.*
 —, Études botaniques et agronomiques sur les Typha, etc. Villefranche-de-Bouergue (1912) 1-174, t. 1-7.—Monograph; keys!
 KRONFELD, Verh. K. K. Zool.-Bot. Ges. Wien 39 (1889) 89-192, t. 4-5.—Monograph; key!

ULMACEAE

- BERNARD, CH., Sur la distribution géographique des Ulmacees (Bull. Herb. Boiss. II, 5, 1905, 1098-1112; *ibid.* II, 6, 1906, 23-38, pl. 1-7).—Geogr. distr. of the family.

PLANCHON, J. E., Sur les Umacées (Ulmacées et Celtidées de quelques auteurs) considérées comme tribu de la famille des Urticées (Ann. Sc. Nat. Bot. III, 10, 1848, 244–341).—Census; no keys!

Local

East Asia: P'ei, Bot. Bull. Acad. Sin. 1 (1947) 283–297.—Revision; keys!

Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 44.—Record of *Ulmus*!

Java: SMITH, in KOORD. & VAL. Bijdr. Booms. Java 13 (1910) 638–671.

Philippines: ELMER, Leaf. Philip. Bot. 9 (1934) 3218–3219.—New *Trema*.

—, *ibid.* 10 (1939) 3796–3797.—New *Celtis*.

WARBURG, in PERKINS, Fragm. Fl. Philip. (1905) 164–165.—Descr. new *Celtis*.

New Guinea: LAUTERBACH, Bot. Jahrb. 50 (1913) 308–327.—Keys!

MERRILL & PERRY, J. Arn. Arb. 20 (1939) 324–327.—New *Parasponia* and *Gironniera*.

—, *ibid.* 22 (1941) 253–256.—2 new *Celtis* and 2 new *Parasponias*.

SMITH, Nova Guinea 8 (1912) 891–892, t. 158.—New *Parasponia*, and new var. in *Gironniera*.

Genera

Aphananthe: LEROY, Bull. Mus. Hist. Nat. Paris 18 (1946) 118–123, 180–184.—Discussion; no key; 4 *spp.* distinguished.

Gironniera: KURZ, Flora 55 (1872) 446–448.—Sub-division of the *Celtideae*; some notes on *spp.*

Trema: LAUTERBACH, Bot. Jahrb. 50 (1913) 312–325.—Revision Indo-Mal. *spp.*

DE WITT, Bull. Bot. Gard. Btzg III, 18 (1949) 184–192.—Revision Mal. *spp.*; key.

Ulmus: SCHNEIDER, Oester. Bot. Z. 66 (1916) 21–34, 65–82.—Revision of genera & *spp.*; keys!; 2nd part treats nomencl. of Europ. *spp.*

UMBELLIFERAE

BUWALDA, P., The Umbelliferae of the Netherlands Indies (Blumea 2, 1936, 119–220, 6 fig.).—Revision; key.

— (& STEENIS, C. G. G. J. VAN): Fl. Mal. 4 (1949) 113–140, fig. 1–11; *ibid.* (1954) 595–597, fig. 5a.

MIQUEL, F. A. W., Ombellifères, in III. Fl. Arch. Ind. (1870) 36–43.—Census; no key.

MOLKENBOER, J. H., in MIQUEL, Plant. Jungh. (1851) 89–98.—List; descr. new *spp.*

WOLFF, H., Pflanzenreich Heft 43 (1910) 1–214, fig. 1–24.—*Apiodeae-Ammineae heteroclitae*. Genus *Bupleurum*, etc.

—, *ibid.* Heft 61 (1913) 1–305, fig. 1–42.—*Saniculoideae*. Genera *Sanicula*, *Eryngium*.

—, *ibid.* Heft 90 (1927) 1–398, fig. 1–26.—*Apiodeae-Ammineae-Carinae*, etc. Genera *Apium*, *Cryptotaenia*, *Cuminum*, *Petroselinum*, *Pimpinella*, *Trachyspermum*, etc.

Local

Java: VAN STEENIS, Trop. Natuur 19 (1930) 78.—Reduction of *Pimpinella leeuwenii*.

WOLFF, in FEDDE, Rep. 20 (1924) 159–160.—Descr. new *Pimpinella* from Java.

Borneo: MERRILL, Amer. J. Bot. 5 (1918) 514–515, t. 36.—Descr. new *Oreomyrrhis*.

Lesser Sunda Islands: NORMAN, J. Bot. 69 (1931) 287.—New *Trachymene* from Timor.

Celebes: HEMSLEY, Kew Bull. (1896) 37–38.—New *Trachymene*.

WOLFF, in FEDDE, Rep. 17 (1921)

new *Didiscus* from Celebes.

Philippines: ELMER, Leaf. Philip. Bot. 2 (1909) 627–629.—Key!; 2 new *spp.*

MERRILL, Philip. J. Sc. 29 (1926) 482–483.—Descr. new *Pimpinella* from Luzon.

—, *ibid.* 30 (1926) 418–419.—Record of *Peucedanum* from Batan Isl.

— & QUISUMBING, *ibid.* 82 (1953) 332.—Record of *Apium leptophyllum*.

Moluccas: VAN STEENIS, Fl. Mal. I, 4 (1954) 595–597, fig. 5a.—*Eryngium* from Ceram.

New Guinea: BUWALDA, J. Arn. Arb. 32 (1951) 59–66, 1 fig.—List BRASS records; descr. new *spp.*

DANSER, Brittonia 2 (1936) 135–136, t. 2.—New *Trachymene*.

HEMSLEY, in HOOK. Ic. Pl. 26 (1899) t. 2590.—Descr. & pl. of *Oreomyrrhis linearis*.

Genera

Centella: DOMIN, Bot. Jahrb. 41 (1908) 148–169.—Monograph; no key.

Petroselinum: AIRY SHAW, Kew Bull. (1938) 256–258.—Nomencl. *P. crispum* = *vulgare*.

Sanicula: SHAN & CONSTANCE, Univ. Calif. Publ. Bot. 25 (1951) 1–78.—World revision; keys!

Trachymene (*Didiscus*): BURTT, J. Bot. 79 (1941) 44–46.—New comb.

DOMIN, Bull. Acad. Intern. Géogr. Bot. 18 (1908) 481–494.—Revision *Trachymene sens. str.*; key; Australian *spp.*

—, Sitz.-Ber. Kön. Böhm. Ges. Wiss. Prag. II. Classe (1908) no 10, p. 1–77, t. 1–4.—Monogr.; key!

NORMAN, J. Bot. 69 (1931) 287–288.—Notes on congenericy of *Trachymene* and *Didiscus*.

URTICACEAE

BIGALKE, H., Die Blattspodogramme der Urticaceae und ihre Verwendbarkeit für die Systematik (in COHN's Beitr. z. Biol. der Pfl. 21, 1933, 1–58, t. 1–5).—Anat. of the cystoliths examined in all genera found useful for taxon. aims. Keys to the *spp.* on the basis of the crystal configuration which represents a constant specific character.

BLUME, C. L., Mus. Bot. Lugd.-Bat. 2 (1852) 43–57; *ibid.* (1855) 137–160; *ibid.* (1856) 161–170, 193–256, fig. 12–24, 48–49, 54–58.—List gen. & *spp.* in Herb. Lugd.

MIQUEL, F. A. W., Plantae Junghuhnianae (1851) 18–41.—List.

—, Observations de Urticeis quibusdam et de Fatoua (Ann. Mus. Lugd.-Bat. 4, 1869, 301–307).—Enum.

UNRUH, M., Anisophyllie und Wechselbeziehungen des Wachstums und Spross bei Urticaceen (Ber. Deut. Bot. Ges. 58, 1940, 484–488).

—Morph.

- VRIESE, W. H. DE, Pl. Ind. Bat. Or. (1856) 143–148.—List; records copied from WEDDELL.
- WEDDELL, H. A., Revue de la famille des Urticées (Ann. Sc. Nat. Bot. IV, 1, 1854, 173–212).—Preliminary census; no keys!
- , Monographie de la famille des Urticées (Arch. Mus. Hist. Nat. Paris 9, 1856–57, 1–592, t. 1–20).—Monograph! With keys to tribes and genera.
- , Considérations générales sur la famille des Urticées suivie de la description des tribus et des genres (Ann. Sc. Nat. IV, 7, 1857, 307–396).—Extr. from monogr. above.
- , in DC. Prod. 16, 1 (1869) 32–235.⁶⁴—Conspicuous tribes, genera, and species; partial keys.

Local

- Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 52–53.—Some misc. records.
- , Pap. Mich. Acad. Sc. 23 (1937) (1938) 177.—New comb. in *Pseudopipturus*.
- Borneo: HALLIER f., Ann. Jard. Bot. Btzig 13 (1896) 300–316, t. 25–27.—Descr. some new spp.; many recomb. under *Elatostema*.
- , Bull. Herb. Boiss. 6 (1898) 352–356.—Descr. new *Elatostemas*.
- , Meded. Rijksherb. Leiden no 26 (1915) 1–4.—Records and descr. new spp.
- ROBINSON, Philip. J. Sc. 6 (1911) Bot. 291–314.—Misc. records coll. Sarawak Mus.
- SCHRÖTER & HUB. WINKLER, Mitt. Inst. Allg. Bot. Hamburg 7 (1937) 263–268.—*Elatostemas* coll. HANS WINKLER; some new spp.
- Java: AMSHOFF, Blumea 5 (1945) 515–517.—Critical notes & records.
- BAKHUIZEN VAN DEN BRINK f., Blumea 6 (1950) 363–365.—Addit. critical notes & records.
- SMITH, in KOORD. & VAL. Bijdr. Booms. Java 12 (1910) 672–753.—Only arboreous spp.; excellent treatment; keys!
- VAN STEENIS, Trop. Natuur 30 (1941) 154–155.—Distinction 2 *Pileas*: *pepoides* & *microphylla*.
- , Bull. Bot. Gard. Btzig III, 17 (1948) 400.—Record of *Parietaria*.
- Celebes: AMSHOFF, Blumea 5 (1945) 593–594.—Record of a *Chamabainia* and an *Elatostema*.
- Philippines: ELMER, Leaf. Philip. Bot. 3 (1910) 875–901.—List spp. from Mt Apo, Mindanao; many new spp.
- , Leaf. Philip. Bot. 9 (1934) 3219–3222, 3227–3241.—New *Elatostemas* and a *Pipturus*.
- MERRILL, Philip. J. Sc. 27 (1925) 23.—New *Pilea* from Luzon.
- QUISUMBING, Philip. J. Sc. 41 (1930) 317–322, fig. 1–3.—Descr. new *Laportea* and 2 *Elatostemas*.
- , in FEDDE, Rep. 36 (1934) 284–285, t. 178.—New *Elatostema*.
- & MERRILL, Philip. J. Sc. 37 (1928) 142–143.—Descr. new *Elatostema* from Bohol.
- ROBINSON, Philip. J. Sc. 5 (1910) Bot. 465–543; *ibid.* 6 (1911) Bot. 1–31, t. 1–3.—Revision; keys!
- , *ibid.* 6 (1911) Bot. 299–314.—Additions to revision; new spp.
- WARBURG, in PERKINS, Fragm. Fl. Philip. (1905) 168.—3 records of *Laportea*.

- Moluccas: VAN STEENIS, Bull. Bot. Gard. Btzig III, 18 (1950) 458.—Record of *Poikilospermum*.
- New Guinea: DIELS, J. Arn. Arb. 10 (1929) 75–76.—New *Elatostema* and *Cypholophus*.
- GIBBS (& RENDLE), in GIBBS, Contr. Fl. Phytog. Arfak Mts (1917) 128–132, 209–210, fig. 8.—List records and descr. new gen. & spp.
- PERRY, J. Arn. Arb. 32 (1951) 369–389.—List records and new spp. coll. BRASS.
- WINKLER, HUB., in FEDDE, Rep. 15 (1919) 418–419.—3 new *Pileas*.
- , *ibid.* 16 (1919) 175–176.—3 new *Pipturus*.
- , *ibid.* 18 (1922) 238.—New *Elatostema*.
- , Bot. Jahrb. 57 (1922) 501–608, fig. 1–15.—Revision; keys!
- , Nova Guinea 14 (1924) 119–134.—Records and descr. new spp.

Genera

- Boehmeria: WARBURG, Notizbl. Berl.-Dahlem 7, no 68 (1920) 345–351 (*sphalm.* 1–7).—Discussion on various names of fibre yielding spp.
- Elatostema (*Pellionia*, *Weddellia*, *Elatostemoides*): SCHRÖTER & HUB. WINKLER, in FEDDE, Rep. Beih. 83¹ (1935) 1–56; *ibid.* 83² (1936) 1–174, t. 9–40.—Monogr.; keys!
- Fatoua: MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 4 (1869) 306–307.—List; no key.
- Leucosyke: UNRUH, Bot. Jahrb. 73 (1943) 191–258.—Monograph; key!
- Oreocnide (*Villebrunea*): SPRAGUE, Kew Bull. (1928) 395–397.—Generic nomencl.
- Pipturus: SKOTTSBERG, Medd. Göteborg. Bot. Trädg. 7 (1932) 43–63, 49 fig.—Differential studies between *P. argenteus* and *P. incanus*.
- , *ibid.* 8 (1933) 111–117, 13 fig.—On the complex *P. albidus*; *Pseudopipturus* n.g. proposed.
- , Bull. Bern. P. Bish. Mus. no 117 (1934) 38–77, fig. 13–32, t. 16–38.—Revision Hawaiian spp.; key!
- Procris: SCHRÖTER, in FEDDE, Rep. 45 (1938) 179–192, 257–300.—Monograph; key!
- Pseudopipturus. See under *Pipturus*.

VACCINIACEAE

See Ericaceae

VALERIANACEAE

- BACKER, C. A., Fl. Mal. I, 4 (1951) 253–254, 1 fig.
- GRAEBNER, P., Die Gattungen der natürlichen Familie der Valerianaceae (Bot. Jahrb. 37, 1906, 464–480).—Genera of the family.
- HÖCK, F., Beiträge zur Morphologie, Gruppierung und geographischen Verbreitung der Valerianaceen (Bot. Jahrb. 3, 1882, 1–73).—Comparative morphology; geogr. distr.

VERBENACEAE

(incl. *Avicenniaceae* & *Symphoremaceae*)

- HALLIER f., H., Verbenaceae (Med. Rijksherb. Leiden no 37, 1918, 17–91).—Properly a paper on ELBERT's Lesser Sunda Islands coll., but with numerous other data on the family; descr. new spp. and critical notes.

JUNELL, S., Zur Gynäceummorphologie und Systematik der Verbenaceen und Labiaten, etc. (Symb. Bot. Uppsala 1, no 4, 1934, 1-219, fig. 1-257).—Delimitation of the families on the basis of ♀ morph.; result very deviating from current usage.

LAM, H. J., The Verbenaceae of the Malayan Archipelago, etc. Thesis Utrecht. Groningen (1919) 1-371, t. 1-3.—Revision of Mal. spp. based on materials at Leyden, Utrecht, and Berlin; keys!

— & BAKHUIZEN VAN DEN BRINK, R. C., Revision of Verbenaceae of the Dutch East-Indies and surrounding countries (Bull. Jard. Bot. Btzig III, 3, 1921, 1-116, iii).—New revision; only descr. of new taxa; keys!

MOLDENKE, H. N., An alphabetic list of invalid and incorrect scientific names proposed in the Verbenaceae and Avicenniaceae (New York, 1942, 59 pp.).

—, ditto. Suppl. 1 (New York, 1947, 30 pp.).

—, The known geographic distribution of the members of the Verbenaceae and Avicenniaceae (New York, 1942, 104 pp.).—List of names arranged by countries.

—, ditto. Suppl. 1 (New York, 1943, 4 pp.).

—, ditto. Suppl. 2 (Bot. Gaz. 106, 1944, 158-164).

—, ditto. Suppl. 3 (Castanea 10, 1945, 35-46).

—, ditto. Suppl. 4 (Amer. J. Bot. 32, 1945, 609-612).

—, Many other Supplements in Phytologia.—*Non vidi.*

—, The known geographic distribution of the members of the Verbenaceae, Avicenniaceae, Stilbaceae, Symphoremaceae, and Eriocaulaceae (New York, 1949, 215 pp.).

—, Phytologia 4 (1953) 173-184, 285-295.—Some transfers and new var. of Mal. Verb.

Local

China: P'EI, Mem. Sc. Soc. China 1, no 3 (1932) 1-193, t. 1-33.—Revision Chin. Verben.; keys!

Siam: FLETCHER, Kew Bull. (1938) 199-209.—Descr. new spp.

—, Kew Bull. (1938) 401-445.—Important revision with syn., distr. and full keys!

Malaysia (general): KING & GAMBLE, Kew Bull. (1908) 105-114.—Descr. various new spp.

Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 146-148.—Records; crit. syn. of some spp.

MOLDENKE, Phytologia 4 (1953) 286-287, 294.—New *Callicarpa* and *Vitex*.

Malay Peninsula: HENDERSON, J. Mal. Br. Roy. As. Soc. 5 (1927) 262-263.—New *Vitex*.

—, Gard. Bull. Str. Sett. 7 (1933) 118-119, t. 29.—New *Clerodendron*.

Java: BACKER, Trop. Natuur 5 (1916) 87-94.—Key to spp. in Java; in Dutch.

MEEUSE, Blumea 5 (1942) 66-80.—Critical notes. —, in BACKER, Bekn. Fl. Java (em. ed.) 9 (1949) fam. 200, p. 1-45.—Keys; in Dutch.

Borneo: MOLDENKE, Phytologia 4 (1953) 285-286, 368.—New *Callicarpa* and *Sphenodesme*.

RIDLEY, Kew Bull. (1929) 260-262.—New spp.

Lesser Sunda Islands: HALLIER f., Med. Rijksherb. Leiden no 37 (1918) 17-91.—List ELBERT coll.

Philippines: ELMER, Leaf. Philip. Bot. 3 (1910) 861-866.—*Callicarpa* of Mt Apo, Mindanao.

—, *ibid.* 9 (1934) 3222-3225.—New *Callicarpa* and *Clerodendron*.

—, *ibid.* 10 (1939) 3797-3799.—New *Vitex* and *Callicarpa*.

MERRILL, Philip. J. Sc. 30 (1926) 424-426.—Descr. new *Clerodendron* and *Callicarpa* from Sulu Arch.

—, Phytologia 2 (1941) 5-6.—New *Premna*. *Non vidi.*

PERKINS, Fragm. Fl. Philip. (1904) 1-3.—Syn. of *Symphorema*.

QUISUMBING, Philip. J. Sc. 41 (1930) 343-345, fig. 15.—Descr. new *Clerodendron*.

— & MERRILL, Philip. J. Sc. 37 (1928) 195-198.—Descr. 2 new *Callicarpas* and a *Clerodendron*.

Moluccas: MOLDENKE, Amer. J. Bot. 32 (1945) 612.—New comb. in *Geunsia*, new *Clerodendron* from Manipa Isl.

New Guinea: BAKHUIZEN VAN DEN BRINK, J. Arn. Arb. 10 (1929) 69-75, t. 16, 17.—List BRASS coll. East N. Guinea; one new *Gmelina*.

— & LAM, Nova Guinea 14 (1924) 167-172.—List; no key.

BEER & LAM, Blumea 2 (1936) 221-228, 3 fig.—List BRASS coll.; some new spp. in *Premna* and *Clerodendron*.

KURATA, Bull. Tokyo Univ. For. no 35, art. 17 (1947) 201-207, 1 fig.—List coll. INOKUMA & HARA; one new *Teymanniodendron*.

LAM, Bot. Jahrb. 59 (1924) 87-98.—List records. —, Blumea 7 (1954) 553-556, fig. 1-2.—New *Premna*.

PULLE, Nova Guinea 8 (1910) 401-403; 8 (1911) 685-687.—Lists.

WHITE, Proc. R. Soc. Queensl. 34 (1922) 50.—Small list.

— & FRANCIS, Proc. R. Soc. Queensl. 38 (1927) 257-259, fig. 18.—One new *Gmelina* and some records coll. LANE-POOLE.

Solomon Isl.: BAKHUIZEN VAN DEN BRINK, J. Arn. Arb. 16 (1935) 70-75, t. 120-122.—List records some new comb. and varieties; one new *Gmelina*.

Micronesia: LAM, Bot. Jahrb. 59 (1924) 24-29.—List of records.

Genera

Archboldia: BEER & LAM, Blumea 2 (1936) 31-33, 1 fig.—Monotypic; New Guinea.

Avicennia: BAKHUIZEN VAN DEN BRINK, Bull. Jard. Bot. Btzig III, 3 (1921) 199-226, t. 14-22.—Revision; key!

BISWAS, Notes R. Bot. Gard. Edinb. 18 (1934) 159-166, t. 243-246.—Revision; key to Indian spp.

WYATT-SMITH, Mal. For. 16 (1953) 156-161, fig. 1-5.—Key to 5 spp. of the Mal. Pen.

Callicarpa: MERRILL, Frans. Am. Phil. Soc. n.s. 24² (1935) 332-333.—Synon. of a *Callicarpa*.

MOLDENKE, in FEDDE, Rep. 39 (1936) 288-317; *ibid.* 40 (1936) 38-131.—Monogr. of cultivated and American spp.; keys.

- Faradaya:** LAM & MEEUSE, *Blumea* 3 (1938) 201.—*F. chrysoclada* is a *Bignon*.
SEEMANN, J. Bot. 3 (1865) 256–258.—Revision; no key.
Garrettia: FLETCHER, Kew Bull. (1937) 70–74, fig. 1.—Type descr.; Siam.
 LAM & MEEUSE, *Blumea* 3 (1939) 248–254, fig. 1.—The *Vitex* described proved later to be a *Garrettia*, cf. next reference.
 MEEUSE, *Blumea* 5 (1942) 67–68.—A second *sp.* occurs in Mal.
Lantana: BACKER, Trop. Natuur 2 (1913) 27–31, 33–36, 4 fig.—Key.
Petraea: MOLDENKE, in FEDDE, Rep. 43 (1938) 1–48, 161–221.—Monograph; key!
Phyla (Lippia): GREENE, Pittonia 4 (1899) 45–48.—*Lippia* versus *Phyla*.
Premna (Pygmaeopremna, Tatea): DOP, Bull. Soc. Bot. Fr. 70 (1923) 437–446, 829–836.—Descr. & records from Indo-China.
 FLETCHER, Not. R. Bot. Gard. Edinb. 19 (1936) 177–178.—*P. integrifolia* = *P. corymbosa*.
 MEEUSE, *Blumea* 5 (1942) 71.
 MERRILL, J. Arn. Arb. 32 (1951) 73–78.—Reduction of *Tatea* and *Pygmaeopremna* to *Premna*.
Priva: KOBUSKI, Ann. Missouri Bot. Gard. 13 (1926) 1–34, t. 1–5.—Revision; key!
 MOLDENKE, in FEDDE, Rep. 41 (1936) 1–76.—Revision; key!
Stachytarpheta: DANSER, Ann. Jard. Bot. Btzig 40 (1929) 1–43, t. 1–10.—Revision Mal. *spp.*; key!; hybrids!
Teysmanniodendron (Xerocarpa): KOORDERS, Ann. J. Bot. Btzig 19 (1904) 19–31, t. 2–3.—Orig. descr.
 KOSTERMANS, Reinwardtia 1 (1951) 75–106.—Monograph; key!
Vitex: LAM, Bull. Jard. Bot. Btzig III, 5 (1922) 175–178.—Additions and records; one new *sp.*

VIOLACEAE

- BURGERSDIJK, L. A. J.,** in MIQUEL, Plant. Jungh. (1852) 118–122.—List records; several new *spp.* in Java & Sumatra.
KORTHALS, P. W., Aanteekeningen op de familie der Violarieae van den Indischen Archipel (Ned. Kruidk. Arch. 1, 1848, 356–363, t. 1).—Survey of the family; no keys; 2 new *Rinorea*s.
MELCHIOR, H. & W. BECKER, Pflanzenfamilien ed. 2, 21 (1925) 329–377, fig. 148–162.
MIQUEL, F. A. W., Violacearum quarundam recensio (Ann. Mus. Bot. Lugd.-Bat. 4, 1869, 214–218).—Survey of fam. in Mal.
OUDEMANS, C. A. J. A., in MIQUEL, Ann. Mus. Bot. Lugd.-Bat. 3 (1867) 67–78.—Revision; keys!

Local

- Sumatra:** MERRILL, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 171–174.—New records and *spp.* of *Rinorea*.
Borneo: MERRILL, Philip. J. Sc. 29 (1926) 400.—Some records in *Rinorea*.
Celebes: MELCHIOR, Notizbl. Berl.-Dahlem 12

- (1934) 205–207.—Records KJELLBERG coll.; one new *sp.*
 VAN OOSTSTROOM, *Blumea* 5 (1945) 594–595.—Misc. records of *Viola*.
Philippines: BECKER, Philip. J. Sc. 19 (1921) 707–722.—Revision; key!
 MERRILL, Philip. J. Sc. 30 (1926) 413.—Records of a Bornean *sp.* in Sulu.
Moluccas: MERRILL, Philip. J. Sc. 11 (1916) Bot. 292–293.—New *Rinorea* from Ambon.
New Guinea: KANEHIRA & HATUSIMA, Bot. Mag. Tokyo 55 (1941) 390–391.—Some records.
 MELCHIOR, Bot. Jahrb. 62 (1929) 368–375.—Revision; keys!
 MERRILL & PERRY, J. Arn. Arb. 24 (1943) 208–210.—Descr. & records; new *Agatea* from the Solomons.
 PULLE, Nova Guinea 8 (1911) 669–670.—Descr. of a new *Viola* and *Rinorea*.

Genera

- Indovethia:** BOERLAGE, in Feestbundel Taal-, Letter-, Geschied.- en Aardrijkskundige Bijdragen 80sten geboortedag P. J. VETH (1894) p. 89–90, 1 pl.; repr. in Ic. Bog. 1 (1897) t. 1.
Hybanthus (Ionidium): BACKER, Onkruidfl. Jav. Suiker. (1930) 454–455.—Descr.; in Dutch.
 SCHULZE, Bot. Jahrb. 67 (1936) 437–492.—Revision; keys!
Viola: BECKER, Beih. Bot. Centralbl. 34, ii (1916) 208–266; *ibid.* 34, ii (1917) 373–433; *ibid.* 36, ii (1918) 15–59; *ibid.* 40, ii (1923) 20–171.—Misc. notes and descr. on *spp.* from Asia, Malaysia, Australia, and the Pacific; no keys.
 —, Bot. Jahrb. 54 (1917) Beibl. 120, p. 156–189.—*Ditto*.
 BOISSIEU & CAPITAINE, Bull. Soc. Bot. Fr. 57 (1910) 337–344, pl. 11–13.—Account of violets of Herb. Bog.; 1 new *sp.*, 1 new var.
 LIN, Taiwania 1 (1950) 269–283.—Key to Formosan *spp.*
 RIDLEY, J. Bot. 73 (1935) 13–19.—Critical notes and new *spp.* and var. from West Malaysia.
 VAN STEENIS, Bull. Jard. Bot. Btzig III, 13 (1934) 258–260¹.—List.

VITACEAE

(Ampelidaceae, incl. Leeaceae)

- GAGNEPAIN, F.,** Révision des Ampélidacées Asiatiques et Malaises (Bull. Soc. Nat. Autun 24, 1911, 1–41).—Key to genera & *spp.*; no descr.; enum. coll.; several transfers but no new *spp.*
KING, G., Notes on the Indian species of *Vitis* (J. As. Soc. Beng. 65, ii, 1896, 108–114).—Critical notes; no key.
MIQUEL, F. A. W., Ampelideae novae (Ann. Mus. Bot. Lugd.-Bat. 1, 1863, 72–101).—Survey Mal. *spp.*; no keys.
PLANCHON, J. E., Monographie des Ampélidées

(1) Dr BECKER determined all sheets of Herb. Bog. before he died; unfortunately no MS was left. The list is made according to his identifications.

vraies (in DC. Mon. Phan. 5, 1887, 305-654).—Monogr. without *Leea*.

SUESSENGUTH, K., Pflanzenfamilien ed. 2, 20d (1953) 174-398, fig. 50-104.

Local

Sumatra: MERRILL, Contr. Arn. Arb. 8 (1934) 97-99.—List.

—, Pap. Mich. Acad. Sc. Arts & Lett. 19 (1934) 167-168, t. 30.—New *Pterisanthes*.

—, *ibid.* 23 (1938) 184-185.—2 records of *Ampelocissus*.

Java: BACKER, Schoolfl. Java (1911) 244-256.—In Dutch; key.

Borneo: WINKLER, HUB., Bot. Jahrb. 44 (1910) 534-537.—Records; new *spp.* of *Ampelocissus*.

Celebes: SUESSENGUTH, in FEDDE, Rep. 49 (1940) 13-14.—New *Ampelopsis* and *Ampelocissus* leg. RIEDEL.

Philippines: ELMER, Leaf. Philip. Bot. 10 (1939) 3799-3803.—New *sp.* of *Leea*, *Cayratia*, and *Tetrastigma*.

MERRILL, Philip. J. Sc. 11 (1916) Bot. 125-145.—Records and new *spp.* in *Ampelocissus*, *Cissus*, *Columella*, *Tetrastigma*, and *Leea*.

QUISUMBING, Philip. J. Sc. 76 (1944) 45-47.—Recombinations of Philip. *Cayratias*; new *Leea*.

— & MERRILL, Philip. J. Sc. 37 (1928) 164-166.—Descr. 2 new *Ampelocissus* and one new *Leea*.

New Guinea: LAUTERBACH, Nova Guinea 8 (1910) 301-303; (1912) 831-833; 14 (1924) 136-138.

—, Bot. Jahrb. 59 (1925) 505-534; *ibid.* 61 (1927) 31.—Revision; keys.

MERRILL & PERRY, J. Arn. Arb. 22 (1941) 375-383.—Records; new *spp.* of *Leea*, also from Solomons.

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Genera

Cayratia (*Columella*): GAGNEPAIN, Not. Syst. 1 (1911) 339-362.—Segreg. of the genus; revision; key for Mal. & As. *spp.*

Cissus: GAGNEPAIN, Not. Syst. 1 (1911) 339-362.—Key to 23 *spp.*

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CLARKE, J. Bot. 19 (1881) 100-106, 135-142, 163-167.—Revision of Indian *spp.*, including several Malaysian ones.

CORNER, Gard. Bull. Str. Settl. 10 (1939) 45-46.—Critical note on *L. gigantea*.

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HALLIER f., Ann. Jard. Bot. Btzg 14 (1897) 241-247.—Descr. *L. amabilis* from Borneo; anat. & ecol. of this *sp.* with water-containing buds.

Parthenocissus (*Landukia*): MERRILL, Philip. J. Sc. 11 (1916) Bot. 129.—Nomencl.

Pterisanthes: BACKER, Trop. Natuur 6 (1917) 12-16, 2 fig.—Key & descr. of 2 Jav. *spp.*

Tetrastigma: GAGNEPAIN, Not. Syst. 1 (1910) 261-271, 306-326; *ibid.* (1911) 376-379.—New

spp. from Indo-China, China, and Mal.; revision; key!

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SMITH, A. C., Taxonomic notes on the Old World species of Winteraceae (J. Arn. Arb. 24, 1943, 119-164, 6 fig.).—Precursory to monograph; keys to genera and species.

—, Geographical distribution of the Winteraceae (J. Arn. Arb. 26, 1945, 48-59).

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—, Kew Bull. (1938) 458-460.—Reduction of *Tetrathalamus* to *Bubbia*.

DANDY, J. Bot. 72 (1934) 41-42.—Transfers from *Drimys* to *Bubbia*, mostly New Cal.

DIELS, Bot. Jahrb. 54 (1916) 240-245.—Key to *Drimys*!

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—, Xyridaceae Indiae Batavae (Bull. Jard. Bot. Btzg III, 10, 1929, 385-392).—Incomplete revision Mal. *spp.*; key.

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NILSON, A., Studien über die Xyrideen (Kongl. Svenska Vet. Akad. Handl. 24, no 14, 1892, 1-75, pl. 1-6).—Descr. of two *Xyris* from Malaya & Sum.; further on Amer. *Abolboda*.

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—, Blumea 7 (1953) 307-309.—Descr. new *spp.* & var.

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ZINGIBERACEAE

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HORANINOW, P., Prodrum monographiae Sci-

- taminarum, etc. (1862) 1-45, t. 1-4.—Survey; no keys.
- LOESENER, TH., *Zingiberaceae novae vel minus cognitae* (Notizbl. Berl.-Dahlem 10, 1927, 62-68).—Critical notes on *Achasma*, *Geanthus*, and *Costus*.
- , *ditto* (*ibid.* 10, 1929, 706-716).
- , *Pflanzenfamilien* ed. 2, 15a (1930) 541-640, fig. 236-289.
- MIQUEL, F. A. W., *Observations de Zingiberaceis* (Ann. Mus. Bot. Lugd.-Bat. 4, 1869, 99-102).—Notes & descr. of *Hedychium* and *Tapeinocheilos*.
- SCHUMANN, K., *Monographie der Zingiberaceae von Malaisien und Papuasien* (Bot. Jahrb. 27, 1899, 259-350, t. 2-6).—Keys to genera and *spp.*
- , *Pflanzenreich* Heft 20 (1904) 1-458, fig. 1-52.
- VALETON, TH., *lc. Bog.* 2 (1904-1906) t. 154-175, 188-200; *ibid.* 3 (1906-1909) t. 202-203, 249, 275, 300; *ibid.* 4 (1913-1914) t. 350, 372-378. —Descr. various new or noteworthy *spp.*
- , *Bull. Jard. Bot. Btzig II*, no 27 (1919) 1-167, pl. 1-30.—New notes on *Zing.* of Java and Mal. Arch.; no keys!
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- Indo-China: GAGNEPAIN, *Bull. Soc. Bot. Fr.* (1906) 132-150.—Descr. new *spp.* Herb. PIERRE.
- Sumatra: BURKILL, *Gard. Bull. Str. Settl.* 3 (1923) 18-19.—New *Haplochorema*.
- RIDLEY, *J. Fed. Mal. Stat. Mus.* 8, 4 (1917) 114-115.—List of records.
- , *J. Mal. Br. R. As. Soc.* no 87 (1923) 98-100. —Descr. several new *spp.* Sum. East Coast.
- VALETON, *Bull. Jard. Bot. Btzig III*, 3 (1921) 148-149, t. 9.—Descr. new *Elettariopsis*.
- Malay Peninsula: HOLTUM, *Gard. Bull. Sing.* 13 (1950) 1-249, 33 fig.—Complete revision; of great value for a future monograph of Mal. *spp.*; keys!
- RIDLEY, *J. Str. Br. Roy. As. Soc.* no 32 (1899) 87-175.—Descr. revision; no keys.
- RIDLEY, *Mat. Fl. Mal. Pen. (Monocot.)* 2 (1907) 1-55.—Keys!
- Borneo: MERRILL, *Sarawak Mus. J.* 3 (1928) 519.
- RIDLEY, *J. Str. Br. R. As. Soc.* no 46 (1906) 229-245.—Records & descr. new *spp.*
- , *J. Str. Br. R. As. Soc.* no 63 (1912) 62.
- , *J. Bot.* 51 (1913) 247.—Descr. new *Alpinia*.
- , *J. Linn. Soc. Bot.* 42 (1914) 162-164.—List; descr. 2 new *Globbas* and 2 new *Alpinias*.
- & HUB, *Winkler, Bot. Jahrb.* 44 (1910) 529-532.—List; several new *spp.*
- Java: VALETON, *Bull. Inst. Bot. Btzig I*, no 20 (1904) 1-99.—Descr. new and noteworthy *spp.*; keys!
- , *Bull. Jard. Bot. Btzig II*, no 27 (1919) 1-167, t. 1-30.—New notes on *Jav. Zing.*; no keys.
- VAN ZUP, *Rec. Trav. Néerl.* 12 (1915) 340-347, t. 2-3.—Descr. new *Curcuma* & notes on a *Zingiber*.
- & VALETON, *ibid.* 14 (1917) 127-142, t. 11-13. —Further notes on *Curcuma* with descr. new *spp.*
- Celebes: VALETON, *Bull. Jard. Bot. Btzig III*, 5 (1923) 343-344.—Key to 5 *spp.*
- Philippines: ELMER, *Leaff. Philip. Bot.* 8 (1915) 2885-2919.—Descr. many new *spp.*
- , *ibid.* 8 (1919) 2963-2995.—Descr. new *spp.* Sorsogon Peninsula.
- , *ibid.* 9 (1934) 3225-3226.—New *Alpinia*.
- , *ibid.* 10 (1939) 3803-3806.—Descr. 2 new *spp.*
- MERRILL, *Philip. J. Sc.* 30 (1926) 390-391.—Record of *Amomum* and new *Boesenbergia* from Sulu Arch.
- QUISUMBING & MERRILL, *Philip. J. Sc.* 37 (1928) 138-141.—Descr. 2 new *Alpinias* (Languas).
- RIDLEY, *Govt Lab. Publ. Philip.* no 35 (1905) 83-87.—List records with descr. new *spp.*
- , *Philip. J. Sc.* 4 (1909) Bot. 155-193.—Survey; descr. new *spp.*; keys!
- , in ELMER, *Leaff. Philip. Bot.* 2 (1909) 569-572.—Records and descr. new genera (*Elmeria*) and new *spp.*
- , *ibid.* 2 (1909) 603-607.—Records and new *spp.* from S. Negros; *Adelmeria* new name for *Elmeria*.
- Moluccas: VALETON, *Bull. Jard. Bot. Btzig III*, 5 (1923) 343-345, t. 39.—Descr. new *spp.*
- New Guinea: RIDLEY, *J. Bot.* 24 (1886) 356-358. —New *spp.* coll. FORBES.
- , *Trans. Linn. Soc. Lond.* II, Bot. 9 (1916) 209-226.—List; several new genera, many new *spp.*
- , *Proc. R. Soc. Queensl.* 34 (1922) 19-21.—Records; 2 new *Riedelias*, 1 new *Eriolopha*.
- VALETON, *Nova Guinea* 8 (1913) 923-988, t. 162-179.—List; many new *spp.*; subdivision of *Riedelia*.
- , *Bot. Jahrb.* 52 (1914) 40-100, 11 fig.—List and descr. new *spp.*; keys!; only German New Guinea.
- , in GIBBS, *Contr. Fl. Phytog. Arfak Mts* (1917) 102-103.—List; one new *Riedelia*.
- Genera*
- Amomum: VALETON, *Bull. Jard. Bot. Btzig III*, 2 (1920) 354-356.—Records and descr. new *spp.*
- Burbridgea: RIDLEY, *J. Bot.* 75 (1937) 202-203.—2 new *spp.* Borneo.
- Elettariopsis: VALETON, *Bull. Jard. Bot. Btzig III*, 3 (1921) 148-149, t. 9.—Descr. new *sp.* from Sumatra.
- Eriolopha: RIDLEY, *Trans. Linn. Soc. II*, Bot. 9 (1916) 217-222.—Descr. new *sp.*; key!
- Geanthus: VALETON, *Bull. Jard. Bot. Btzig III*, 3 (1921) 143-146, t. 7-8.—Descr. 2 new *spp.* from Java & Sumatra.
- Geostachys: VALETON, *Bull. Jard. Bot. Btzig III*, 3 (1921) 146-147.—Descr. new *sp.* from Sumatra.
- Globba: GAGNEPAIN, *Bull. Soc. Bot. Fr.* 48 (1901) 201-216, t. 4-8.—Survey of *Globbas* preserved at Paris; no key!
- VALETON, *Ann. Jard. Bot. Btzig* 31 (1921) 18-25, t. 5-6.—Descr. 3 new *spp.*, from Sumatra (2) and Borneo (1).
- Hedychium: TURRILL, *Kew Bull.* (1914) 368-372, 2 pl., 8 fig.—Key to 8 *spp.* aff. *H. coronarium*.
- Hornstedtia (subg. of *Amomum*): VALETON, *Bull. Jard. Bot. Btzig III*, 3 (1921) 150-179, t. 9-13.—Reconsideration of generic limits; key!

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tischen Gliederung (Abh. K. Preuss. Akad. Wiss., Phys. Abh. 1896 ii, 1–36, 1 map).

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