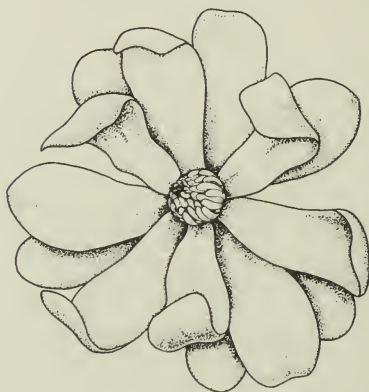
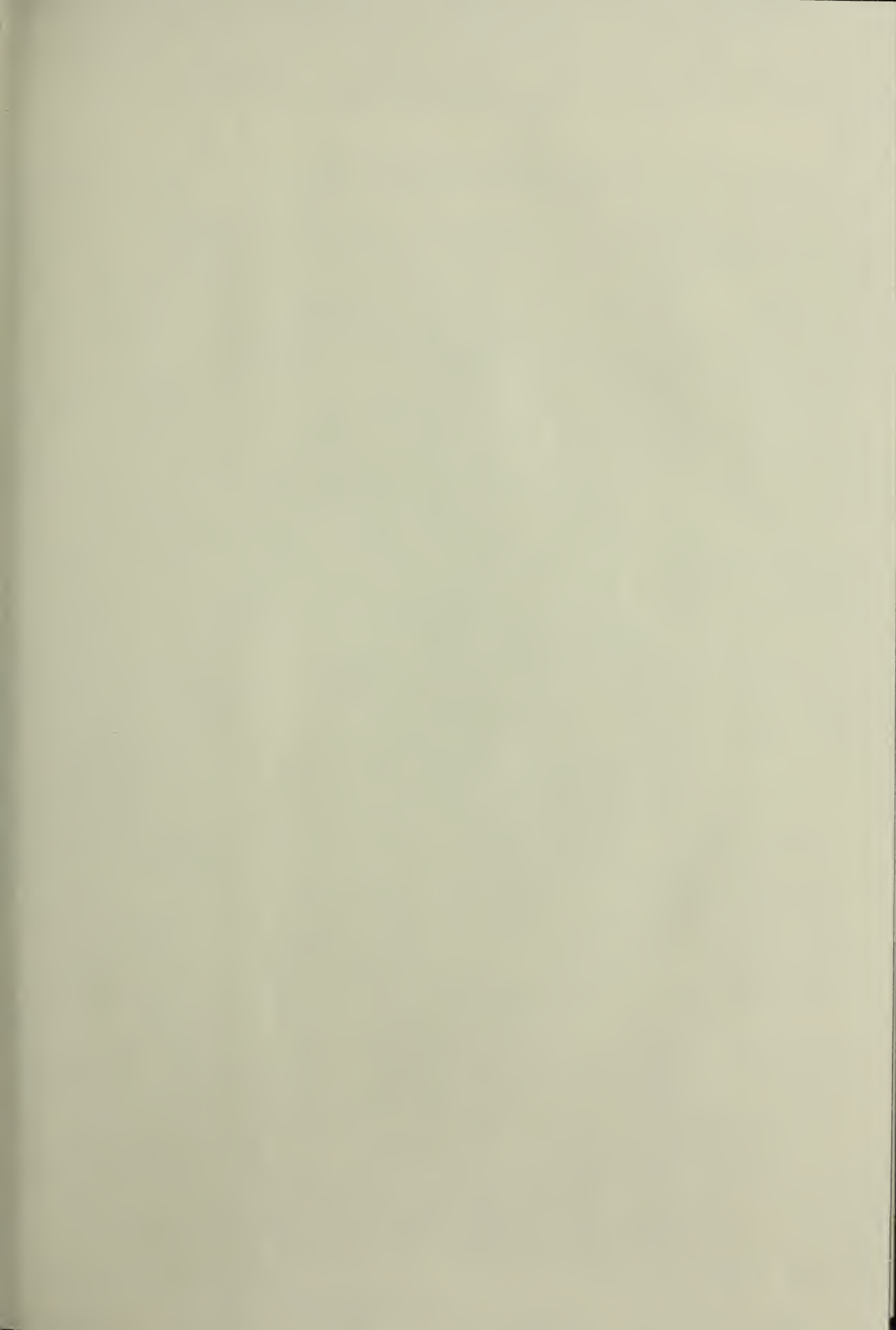


3 2044 105 171 706

LIBRARY
OF THE
ARNOLD ARBORETUM



HARVARD UNIVERSITY



The Gardens' Bulletin

Singapore

JUN 20 1994

VOL. 45 (Part 1) Jun 1993

ISSN 0374-7859



NATIONAL PARKS BOARD

Singapore Botanic Gardens Cluny Road Singapore 1025 Tel: 4741165 Telefax: 4754295

THE GARDENS' BULLETIN

EDITORIAL COMMITTEE

Chairman : Bernard T.G. Tan, B.Sc.Hons. (Singapore); D .Phil (Oxon.)

Members : Syed Yusoff Alsagoff
C.J. Goh, B.Sc.Hons. (Singapore); Ph.D (Newcastle upon Tyne)
Leo W.H. Tan, B.Sc., Ph.D. (Singapore)
W.K. Tan, B.A. (Wms Coll., Mass.); M.Sc. (M.S.U., Mich.);
Ph.D. (U.M., Fl.)
Lawrence L.C. Leong, B.Sc., M.Sc., Ph.D. (Malaya)
T.W. Foong, B.Sc.Hons., Ph.D. (Cant.)
Jennifer Ng-Lim Cheo Tee, B.Sc., M.A. (Dublin)

Editors : Chin See Chung, B.Sc.Hons (Singapore); M.Sc. (Malaya); M.S., M.
Phil., Ph.D.(Yale)
S.Y Geh, B.Sc.Hons., M.Sc. (Singapore); Dip.Hort.Sc. (Massey)

Reviewers : Hsuan Keng, Singapore
Chin See Chung, National Parks Board, Singapore

The Gardens' Bulletin is published twice yearly by the National Parks Board, Singapore. Neither the National Parks Board nor the Editorial Committee is responsible for the opinions or conclusions expressed by the contributing authors.

The Gardens' Bulletin is priced at Singapore \$40.00 excluding postage. Overseas subscribers are required to make payment in the form of bank drafts or international money orders in Singapore currency payable to the *Executive Director, National Parks Board, Singapore*.

Instructions for contributing authors are found behind the Contents Table.

M
1.3
AA

JUN 20 1994

ARNOLD
ARBORETUM

The Gardens' Bulletin

Singapore

VOL. 45(Part 1) Jun 1993

ISSN. 0374-7859

CONTENTS

TURNER, I.M.:

The Names Used for Singapore Plants Since 1900 1 — 287

CHIN, S.C.:

Book Reviews :

Keng, H.: The Concise Flora of Singapore,

Gymnosperms and Dicotyledons 289 — 290

Dransfield, S.: The Bamboos of Sabah 290 — 291

Published by

National Parks Board
Singapore Botanic Gardens
Cluny Road
Singapore 1025

INSTRUCTIONS TO AUTHORS

Manuscripts: The Editorial Committee of the Gardens' Bulletin will be glad to receive and consider for publication original research findings and reviews of progress in the field of botany, horticulture, and allied subjects. Contributions must be original and the material must not have been submitted or, if accepted, be submitted for publication elsewhere.

Two copies of the manuscript should be submitted, typed or type printed, and if typed, then the top copy must be one of the two. Type or print on one side only, with double-line spacing and a margin of at least 4 cm. Do not type all the letters of any word in capitals. Underline only in pencil: with a straight line for italic type face and wavy line for bold type face. Authors should see the layout of other papers recently published in this journal to ensure that papers submitted conform as closely as possible to the accepted pattern. Numerical data should only be included if it is essential to the argument and this can be presented either in the form of tables or diagrams.

Titles and authors: The title should give a concise description of the content of the paper. The name(s) and affiliation(s) of author(s) must be given below the title. Lengthy papers and those of a complex nature must have the contents listed at the beginning of the paper.

Scientific names: The complete scientific name – genus, species, authority, and cultivar where appropriate – must be cited for every organism at time of first mention. The generic name may be abbreviated to the initial thereafter except where intervening references to other genera with the same initial could cause confusion.

Tables: All tables should be numbered and carry headings describing their content. These should be comprehensive without reference to the text.

Abbreviations: Standard chemical symbols may be used in text (e.g. IAA, IBA, ATP), but the full term should be given on the first mention. Dates should be cited as: 3 May 1976. Units of measurement should be spelled out except when preceded by a numeral where they should be abbreviated in standard form: g, mg, ml, etc. and not followed by stops.

Literature citations: Citations in the text should take the form: King and Chan (1964). If several papers by the same author in the same year are cited, they should be lettered in sequence (1964a), (1964b), etc. When papers are by three or more authors they should be cited as e.g., Geesink et al. (1981). All references must be placed in alphabetic order according to the surname of the (first) author and in the following form:

Singh, H. (1976). Sclereids in *Fagraea*. *Gard. Bull. Sing.* 22, 193–212.

Abbreviations of titles of journals should be those of the World List of Scientific Periodicals (4th Edition) or the Selected Abbreviated Titles of Biological Journals (London: Institute of Biology).

References to books and monographs should be cited according to the following form:
Ridley, H.N. (1930). *The Dispersal of Plants Throughout the World*, L. Reeve; Ashford, Kent: 242–255.

For literature citations in taxonomic papers the following style is required:

Medinilla alternifolia Bl., Mus. Bot. Lugd.-Bat. I:2(1849) 19.

Sterculia acuminatissima Merr., Philip. J. Sci. 21 (1922) 524.

Illustrations: Drawings should be done in Indian ink. Authors should indicate where individual illustrations receive first mention in the text.

Offprints: Authors will be given 50 offprints *gratis*. Additional copies must be ordered and paid for, *prior* to publication.

Manuscripts should be sent to: THE EDITOR, GARDENS' BULLETIN, SINGAPORE, NATIONAL PARKS BOARD, SINGAPORE BOTANIC GARDENS, CLUNY ROAD, SINGAPORE 1025.

The Names Used for Singapore Plants Since 1900

I.M. TURNER

Department of Botany,
National University of Singapore,
Lower Kent Ridge Road,
Singapore 0511

Abstract

The native and naturalized vascular plant species of the Republic of Singapore are enumerated with important synonyms used in twentieth century botanical works. Particular emphasis is placed on Ridley's *Flora of Singapore* published in 1900. Appendices provide indexes to this flora and to the unpublished *Flora of Syonan*, a list compiled by staff of the Singapore Botanic Gardens at the time of the Japanese occupation of Singapore. One new combination in the Commelinaceae is introduced.

INTRODUCTION

Despite the reluctance with which non-taxonomists generally accept name changes, plant nomenclature (particularly in the tropics) remains relatively fluid and any one generation of botanists, agriculturalists, horticulturalists and foresters appears to possess a markedly different vocabulary of names from its predecessor's. Synonymy, though inevitably arid to the non-specialist, is vital as a key to understanding the literature of the past. This paper reviews the nomenclatural history of the vascular plant flora of Singapore for the twentieth century. The reasons for presenting this are as follows:

1. To provide a checklist of the native and naturalized vascular plants of the Republic of Singapore using the correct names. A preliminary list was presented by Turner, Chua and Tan (1990); here a few errors are corrected and some more recent revisions included.
2. To allow students of the Singapore flora better access to the early literature, in particular Ridley's (1900) flora of Singapore and the unpublished *Flora of Syonan*.
3. To assist those using well-known works, such as Ridley's *Flora of the Malay Peninsula* and Henderson's *Malayan Wild Flowers*, to be able to use the correct name for the species described in those floras.

There follows a list of the flora of Singapore with the main synonyms given for each species. The list is presented in phylogenetic order, starting with the pteridophytes, which are not broken down by family, but presented alphabetically by genus, because the suprageneric taxonomy of the ferns and fern-allies seems unsettled (Kramer & Green 1990, *viz.* *Flora Malesiana Series II*). The spermatophytes are presented alphabetically by family, in accordance with family circumscriptions of *Flora Malesiana Series I*, where these have been published. The synonymy is far from complete. No sources earlier than 1900 have been included and by no means a comprehensive list of twentieth century publications. The most important works on the Singapore and Malayan flora, including *Flora Malesiana*, were consulted, as were recent monographs and revisions. I have tended to take the more conservative line over more contentious name changes, quoting the debatable designation in the list of synonyms. Fern taxonomy appears particularly beset with controversial generic delimitation. Here, I have generally followed the late Professor Holttum's treatments as these are the most readily available to the general reader.

A series of appendices is given to update the names used by two earlier lists of Singapore plants. Ridley's turn-of-the-Century flora of Singapore (Ridley 1900) was the first comprehensive list of Singapore plants published, and is a valuable source of information on localities and for times of introduction of naturalized species. The staff of the Singapore Botanic Garden's Herbarium compiled the Flora of Syonan, a list (species names without authorities) of commonly cultivated, as well as wild, plants, during the Japanese Occupation, but this was never published and is only extant in typescript (Keng 1990). The native and naturalized species included in the Flora of Syonan are given in Appendix F referenced to the main list. H. Keng has produced annotated lists covering the gymnosperms, dicotyledons and some of the monocotyledonous families (Keng, 1973, 1974a, 1974b, 1976, 1978, 1980, 1982, 1983, 1985, 1986, 1987) which have been consolidated into a flora of the gymnosperms and the dicotyledons (Keng 1990). My list refers to Keng's (1990) flora and to the one paper covering monocots (Keng 1987).

Singapore Species List

Marginal notes represent the following: A = naturalized alien species, ? = doubtfully native species.

PTERIDOPHYTA

- 1 **Acrostichum aureum** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 55; HOLTUM, Rev. Fl. Malaya 2 (1955) 409; JOHNSON, Ferns of Singapore Island (1977) 71; PIGGOTT, Ferns of Malaysia in Colour (1988) 232.
- 2 **Acrostichum speciosum** WILLD.; HOLTUM, Rev. Fl. Malaya 2 (1955) 410; JOHNSON, Ferns of Singapore Island (1977) 71; PIGGOTT, Ferns of Malaysia in Colour (1988) 233.
- A 3 **Adiantum capillus-veneris** L.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 22; HOLTUM, Rev. Fl. Malaya 2 (1955) 600; JOHNSON, Ferns of Singapore Island (1977) 91; PIGGOTT, Ferns of Malaysia in Colour (1988) 417.
 Probably only naturalized in the rockery of the Botanic Gardens.
- 4 **Adiantum flabellulatum** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 22; HOLTUM, Rev. Fl. Malaya 2 (1955) 603; JOHNSON, Ferns of Singapore Island (1977) 93; PIGGOTT, Ferns of Malaysia in Colour (1988) 419.
- A 5 **Adiantum fruticosum** SPRENG.; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 127.
- 6 **Adiantum hispidulum** Sw.; HOLTUM, Rev. Fl. Malaya 2 (1955) 603; JOHNSON, Ferns of Singapore Island (1977) 93.
- A 7 **Adiantum latifolium** LAMK.; PIGGOTT, Ferns of Malaysia in Colour (1988) 420; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 127.
- 8 **Adiantum stenochlamys** BAK.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 22; HOLTUM, Rev. Fl. Malaya 2 (1955) 602; JOHNSON, Ferns of Singapore Island (1977) 93; PIGGOTT, Ferns of Malaysia in Colour (1988) 418.

- 9 **Aglaomorpha speciosa** (BL.) ROOS, *Blumea* 31 (1985) 153; — *Photinopteris rigida* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 55; — *Photinopteris speciosa* (BL.) PRESL; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 187; JOHNSON, *Ferns of Singapore Island* (1977) 50; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 142.
- A 10 **Amphineuron opulentum** (KAULF.) HOLTUM; HOLTUM, *Fl. Males. II* 1⁵ (1981) 548; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 215; — *Nephrodium extensum* (BL.) MOORE; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 36; — *Cyclosorus extensus* (BL.) CHING; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 264;
- 11 **Amphineuron terminans** (HOOK.) HOLTUM; HOLTUM, *Fl. Males. II* 1⁵ (1981) 545; — *Nephrodium pteroides sensu* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 36; — *Cyclosorus interruptus sensu* HOLTUM; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 262; JOHNSON, *Ferns of Singapore Island* (1977) 55.
- 12 **Angiopteris evecta** (FORST.) HOFFM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 58; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 44; JOHNSON, *Ferns of Singapore Island* (1977) 24; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 31.
- 13 **Antrophyum parvulum** BL.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 605; JOHNSON, *Ferns of Singapore Island* (1977) 114; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 434; — *A. reticulatum sensu* RIDLEY, J. Str. Br. R. As. Soc. 33 (1900).
- 14 **Asplenium batuense** v.A.v.R.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 423; JOHNSON, *Ferns of Singapore Island* (1977) 74; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 271.
- 15 **Asplenium longissimum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 27; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 427; JOHNSON, *Ferns of Singapore Island* (1977) 76; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 274.
- 16 **Asplenium macrophyllum** SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 191; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 28; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 431; JOHNSON, *Ferns of Singapore Island* (1977) 76; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 278.
- 17 **Asplenium nidus** L.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 419; JOHNSON, *Ferns of Singapore Island* (1977) 74; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 267; — *Thamnopteris nidus* (L.) PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 26 (*incl. var. musifolia* (J. SM.) BEDD.).
- 18 **Asplenium nitidum** SW.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 29; TAGAWA & IWATSUKI, *Fl. Thail.* 3 (1985) 286; — *A. glaucophyllum* v.A.v.R.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 440; JOHNSON, *Ferns of Singapore Island* (1977) 76; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 287.
- 19 **Asplenium phyllitidis** DON *subsp. malesicum* HOLTUM, *Gard. Bull. Sing.* 27 (1974) 153; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 268; — *A. phyllitidis*; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 420; JOHNSON, *Ferns of Singapore Island* (1977) 74; — *Thamnopteris nidus var. phyllitidis* (DON) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 27.

- 20 **Asplenium tenerum** FORST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 28; HOLTUM, Rev. Fl. Malaya 2 (1955) 432; JOHNSON, Ferns of Singapore Island (1977) 76; PIGGOTT, Ferns of Malaysia in Colour (1988) 280.
- A 21 **Azolla pinnata** R. Br. *subsp. asiatica* R.M.K. SAUNDERS & K. FOWLER, Bot. J. Linn. Soc. 109 (1992) 349; — *A. pinnata* R. Br. *var. imbricata* (ROXB.) BONAP.; PIGGOTT, Ferns of Malaysia in Colour (1988) 445; — *A. pinnata*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 196; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 161; HOLTUM, Rev. Fl. Malaya 2 (1955) 622; — *A. caroliniana* WILLD.; JOHNSON, Ferns of Singapore Island (1977) 97; CORLETT, J. Biogeog. (1988) 661.
- 22 **Blechnum finlaysonianum** WALL. *ex* HOOK. & GREV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 26; HOLTUM, Rev. Fl. Malaya 2 (1955) 445; JOHNSON, Ferns of Singapore Island (1977) 77; PIGGOTT, Ferns of Malaysia in Colour (1988) 399.
- 23 **Blechnum indicum** BURM.f.; HOLTUM, Rev. Fl. Malaya 2 (1955) 446; JOHNSON, Ferns of Singapore Island (1977) 76; PIGGOTT, Ferns of Malaysia in Colour (1988) 402; — *B. serrulatum sensu* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 26.
- 24 **Blechnum orientale** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 26; HOLTUM, Rev. Fl. Malaya 2 (1955) 446; JOHNSON, Ferns of Singapore Island (1977) 78; PIGGOTT, Ferns of Malaysia in Colour (1988) 400.
- 25 **Bolbitis appendiculata** (WILLD.) IWATSUKI; HENNIPMAN, Leiden Bot. Ser. 2 (1977) 185; HENNIPMAN, Fl. Males. II 1⁴ (1978) 322; PIGGOTT, Ferns of Malaysia in Colour (1988) 354; — *Polybotrya appendiculata* (WILLD.) J. SM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 54; — *Egenolfia appendiculata* (WILLD.) J. SM.; HOLTUM, Rev. Fl. Malaya 2 (1955) 459; JOHNSON, Ferns of Singapore Island (1977) 80.
- 26 **Bolbitis heteroclita** (PRESL) CHING; HOLTUM, Rev. Fl. Malaya 2 (1955) 462; JOHNSON, Ferns of Singapore Island (1977) 81; HENNIPMAN, Leiden Bot. Ser. 2 (1977) 221; HENNIPMAN, Fl. Males. II 1⁴ (1978) 325; PIGGOTT, Ferns of Malaysia in Colour (1988) 355; — *Gymnopteris flagellifera* (WALL. *ex* HOOK. & GREV.) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 54; — *B. simplicifolia* (HOLT.) CHING; HOLTUM, Rev. Fl. Malaya 2 (1955) 464.
- 27 **Bolbitis sinuata** (PRESL) HENNIPMAN; HENNIPMAN, Leiden Bot. Ser. 2 (1977) 232; HENNIPMAN, Fl. Males. II 1⁴ (1978) 326; PIGGOTT, Ferns of Malaysia in Colour (1988) 357; — *Gymnopteris subrepanda* J. SM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 54; — *B. diversifolia* (BL.) SCHOTT; HOLTUM, Rev. Fl. Malaya 2 (1955) 465; JOHNSON, Ferns of Singapore Island (1977) 81; — *B. malaccensis* (C. CHR.) CHING; HOLTUM, Rev. Fl. Malaya 2 (1955) 470.
- 28 **Bolbitis X singaporensis** HOLT.; HOLTUM, Rev. Fl. Malaya 2 (1955) 467; JOHNSON, Ferns of Singapore Island (1977) 81; HENNIPMAN, Leiden Bot. Ser. 2 (1977) 296; HENNIPMAN, Fl. Males. II 1⁴ (1978) 329.

- 29 **Ceratopteris thalictroides** (L.) BRONGN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 25; HOLTUM, Rev. Fl. Malaya 2 (1955) 578; JOHNSON, Ferns of Singapore Island (1977) 86; PIGGOTT, Ferns of Malaysia in Colour (1988) 440.
- 30 **Cheilanthes tenuifolia** (BURM. f.) SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 22; HOLTUM, Rev. Fl. Malaya 2 (1955) 590; JOHNSON, Ferns of Singapore Island (1977) 94; PIGGOTT, Ferns of Malaysia in Colour (1988) 412.
- 31 **Christella arida** (D. DON) HOLTUM; HOLTUM, Fl. Males. II 1⁵ (1981) 555; PIGGOTT, Ferns of Malaysia in Colour (1988) 216; — *Nephrodium aridum* (D. DON) J. SM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 191; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 37; — *Cyclosorus aridus* (D. DON) CHING; HOLTUM, Rev. Fl. Malaya 2 (1955) 259; JOHNSON, Ferns of Singapore Island (1977) 54.
- 32 **Christella dentata** (FORSK.) BROWNSEY & JERMY; HOLTUM, Fl. Males. II 1⁵ (1981) 557; PIGGOTT, Ferns of Malaysia in Colour (1988) 219; — *Cyclosorus subpubescens sensu* HOLTUM; HOLTUM, Rev. Fl. Malaya 2 (1955) 273; — *Cyclosorus dentatus* (FORSSK.) CHING; JOHNSON, Ferns of Singapore Island (1977) 56.
- 33 **Christella parasitica** (L.) LÉV.; HOLTUM, Fl. Males. II 1⁵ (1981) 559; PIGGOTT, Ferns of Malaysia in Colour (1988) 221; — *Nephrodium molle* var. *didymosorum* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; — *Nephrodium tectum* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 38; — *Polypodium parasiticum* L.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 41; — *Cyclosorus parasticus* (L.) FARW.; HOLTUM, Rev. Fl. Malaya 2 (1955) 281; JOHNSON, Ferns of Singapore Island (1977) 111.
- 34 **Christella subpubescens** (BL.) HOLTUM; HOLTUM, Fl. Males. II 1⁵ (1981) 558; PIGGOTT, Ferns of Malaysia in Colour (1988) 220; — *Nephrodium molle* var. *amboinense* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; — *Cyclosorus sumatranus* (v.A.v.R.) CHING; HOLTUM, Rev. Fl. Malaya 2 (1955) 275; JOHNSON, Ferns of Singapore Island (1977) 56; — *Cyclosorus latipinna* (BENTH.) TARD.; HOLTUM, Rev. Fl. Malaya 2 (1955) 276.
- 35 **Ctenopteris blechnoides** (GREV.) WAGNER & GREYER; PARRIS, Kew Bull. 41 (1986) 494; — *Polypodium decorum* BRACK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 42; — *C. moultonii* (COPEL.) C. CHR. & TARD.; HOLTUM, Rev. Fl. Malaya 2 (1955) 229.
- 36 **Cyathea glabra** (BL.) COPEL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 127; SINCLAIR, Gard. Bull. Sing. 15 (1956) 30; JOHNSON, Ferns of Singapore Island (1977) 40; PIGGOTT, Ferns of Malaysia in Colour (1988) 102; — *Alsophila dubia* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 9.
- 37 **Cyathea latebrosa** (WALL. ex HOOK.) COPEL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 120; JOHNSON, Ferns of Singapore Island (1977) 38; PIGGOTT, Ferns of Malaysia in Colour (1988) 95; — *Alsophila latebrosa* WALL. apud. HOOK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 188; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 8.

- 38 **Cyathea squamulata** (BL.) COPEL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 122; JOHNSON, Ferns of Singapore Island (1977) 40; — *Alsophila comosa* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 188; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 8; — *Alsophila ridleyi* BAKER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 188; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 8.
- 39 **Cyclosorus interruptus** (WILLD.) H. ITO; SINCLAIR, Gard. Bull. Sing. 14 (1953) 37; HOLTUM, Fl. Males. II 1⁵ (1981) 386; PIGGOTT, Ferns of Malaysia in Colour (1988) 191; — *Nephrodium unitum sensu* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 191; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 36; — *C. gongyloides* (SCHKUHR) LINK; HOLTUM, Rev. Fl. Malaya 2 (1955) 261; JOHNSON, Ferns of Singapore Island (1977) 55.
- 40 **Davallia denticulata** (BURM. f.) METT. ex KUHN; HOLTUM, Rev. Fl. Malaya 2 (1955) 359; JOHNSON, Ferns of Singapore Island (1977) 64; PIGGOTT, Ferns of Malaysia in Colour (1988) 392; — *D. elegans* SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 189; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 17.
- 41 **Davallia solida** (FORST.) SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 189; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 17; HOLTUM, Rev. Fl. Malaya 2 (1955) 360; JOHNSON, Ferns of Singapore Island (1977) 64; PIGGOTT, Ferns of Malaysia in Colour (1988) 395.
- 42 **Davallia triphylla** HOOK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 17; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 17; HOLTUM, Rev. Fl. Malaya 2 (1955) 357; JOHNSON, Ferns of Singapore Island (1977) 114; PIGGOTT, Ferns of Malaysia in Colour (1988) 391.
- 43 **Dicranopteris curranii** COPEL.; HOLTUM, Fl. Males. II 1¹ (1959) 31; PIGGOTT, Ferns of Malaysia in Colour (1988) 59; — *Gleichenia linearis* var. *malayana* V.A.V.R.; HOLTUM, Rev. Fl. Malaya 2 (1955) 70.
- 44 **Dicranopteris linearis** (BURM. f.) UNDERW.; HOLTUM, Fl. Males. II 1¹ (1959) 33; JOHNSON, Ferns of Singapore Island (1977) 32; PIGGOTT, Ferns of Malaysia in Colour (1988) 53-58; — *Gleichenia linearis* (BURM. f.) CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 188; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 7; HOLTUM, Rev. Fl. Malaya 2 (1955) 68.
- 45 **Diplazium cordifolium** BL.; JOHNSON, Ferns of Singapore Island (1977) 84; PIGGOTT, Ferns of Malaysia in Colour (1988) 293; — *Anisogonium cordifolium* (BL.) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 191; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 31; — *Athyrium cordifolium* (BL.) COPEL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 548.
- 46 **Diplazium crenatoserratum** (BL.) MOORE; JOHNSON, Ferns of Singapore Island (1977) 85; PIGGOTT, Ferns of Malaysia in Colour (1988) 308; — *Athyrium crenatoserratum* (BL.) MILDE; HOLTUM, Rev. Fl. Malaya 2 (1955) 561.
- 47 **Diplazium esculentum** (RETZ.) SW.; JOHNSON, Ferns of Singapore Island (1977) 84; PIGGOTT, Ferns of Malaysia in Colour (1988) 309; — *Athyrium esculentum* (RETZ.) COPEL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 562.
- 48 **Diplazium malaccense** PRESL; JOHNSON, Ferns of Singapore Island (1977) 85; PIGGOTT, Ferns of Malaysia in Colour (1988) 297; — *Athyrium malaccense* (PRESL) HOLTUM; HOLTUM, Rev. Fl. Malaya 2 (1955) 552.

- 49 **Diplazium polypodioides** BL.; TAGAWA & IWATSUKI, Fl. Thail. 3 (1985) 465; — *D. asperum* BL.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 31; JOHNSON, Ferns of Singapore Island (1977) 86; PIGGOTT, Ferns of Malaysia in Colour (1988) 313; — *Athyrium asperum* (BL.) MILDE; HOLTTUM, Rev. Fl. Malaya 2 (1955) 571.
- 50 **Diplazium prescottianum** (WALL. ex HOOK.) MOORE; TAGAWA & IWATSUKI, Fl. Thail. 3 (1985) 457; — *D. bantamense sensu* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 191; — *D. bantamense var. prescottianum sensu* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 30; — *Athyrium prescottianum* (WALL.) HOLTT.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 557.
- 51 **Diplazium riparium** HOLTT.; JOHNSON, Ferns of Singapore Island (1977) 86; PIGGOTT, Ferns of Malaysia in Colour (1988) 300; — *Athyrium riparium* (HOLTT.) HOLTT.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 554.
- 52 **Diplazium silvaticum** (BORY) SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 191; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 30; PIGGOTT, Ferns of Malaysia in Colour (1988) 307; — *Athyrium pinnatum* (BLANCO) COPEL.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 560.
- 53 **Diplazium sorzogonense** (PRESL) PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 191; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 31; JOHNSON, Ferns of Singapore Island (1977) 85; PIGGOTT, Ferns of Malaysia in Colour (1988) 296; — *Athyrium sorzogonense* (PRESL) MILDE; HOLTTUM, Rev. Fl. Malaya 2 (1955) 552.
- 54 **Diplazium tomentosum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 191; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 30; JOHNSON, Ferns of Singapore Island (1977) 85; PIGGOTT, Ferns of Malaysia in Colour (1988) 295; — *Athyrium tomentosum* (BL.) MILDE; HOLTTUM, Rev. Fl. Malaya 2 (1955) 551.
- 55 **Dipteris conjugata** REINW.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 135; JOHNSON, Ferns of Singapore Island (1977) 41; PIGGOTT, Ferns of Malaysia in Colour (1988) 103; — *D. horsfieldii* (R. Br.) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 44.
- 56 **Drynaria quercifolia** (L.) J. SM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 44; HOLTTUM, Rev. Fl. Malaya 2 (1955) 182; JOHNSON, Ferns of Singapore Island (1977) 43; PIGGOTT, Ferns of Malaysia in Colour (1988) 134.
- 57 **Drynaria sparsisora** (DESV.) MOORE.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 183; JOHNSON, Ferns of Singapore Island (1977) 44; PIGGOTT, Ferns of Malaysia in Colour (1988) 136; — *D. linnei* (BORY) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 45.
- 58 **Elaphoglossum amblyphyllum** BELL; HOLTTUM, Fl. Males. II 1⁴ (1978) 303; — *E. decurrens* (non DESV.) v.A.v.R.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 458; JOHNSON, Ferns of Singapore Island (1977) 80.
- 59 **Gleichenia truncata** (WILLD.) SPR.; HOLTTUM, Fl. Males. II 1¹ (1959) 20; JOHNSON, Ferns of Singapore Island (1977) 30; PIGGOTT, Ferns of Malaysia in Colour (1988) 51; — *G. flagellaris* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 7; — *G. laevigata* (WILLD.) HOOK.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 71.

- 60 **Goniophlebium percussum** (CAV.) WAGNER & GREITHER; RÖDL-LINDER, *Blumea* 34 (1990) 381; — *Polypodium verrucosum* (WALL. ex HOOK. & BAUER) METT.; — *G. verrucosum* (WALL. ex HOOK. & BAUER) J. SM.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 206; JOHNSON, *Ferns of Singapore Island* (1977) 50; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 154.
- 61 **Goniophlebium subauriculatum** (BL.) PRESL; RIDLEY, *J. Str. Br. R. As. Soc.* 50 (1908) 43; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 156; RÖDL-LINDER, *Blumea* 34 (1990) 400; — *Polypodium subauriculatum* BL.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 207.
- 62 **Heterogonium sagenoides** (METT.) HOLT.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 520; HOLTUM, *Kalikasan* 4 (1975) 211; — *H. gurupahense sensu* HOLTUM, *Reinwardtia* 3 (1955) 272; JOHNSON, *Ferns of Singapore Island* (1977) 82.
- 63 **Histiopteris incisa** (THUNB.) J. SM.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 391; JOHNSON, *Ferns of Singapore Island* (1977) 68; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 246; — *Litobrochia incisa* (THUNB.) PRESL; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 190; RIDLEY, *J. Str. Br. R. As. Soc.* 50 (1908) 25.
- 64 **Humata angustata** (HOOK. & GREV.) J. SM.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 189; RIDLEY, *J. Str. Br. R. As. Soc.* 50 (1908) 15; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 367; JOHNSON, *Ferns of Singapore Island* (1977) 66; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 388; — *Pachypleuria angustata* (HOOK. & GREV.) PRESL; TAGAWA & IWATSUKI, *Fl. Thail.* 3 (1989) 617.
- 65 **Humata heterophylla** (SM.) DESV.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 188; RIDLEY, *J. Str. Br. R. As. Soc.* 50 (1908) 15; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 366; JOHNSON, *Ferns of Singapore Island* (1977) 66; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 387; — *Davallia heterophylla* SM.; TAGAWA & IWATSUKI, *Fl. Thail.* 3 (1989) 616.
- 66 **Humata parvula** (WALL. ex HOOK. & GREV.) METT.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 369; JOHNSON, *Ferns of Singapore Island* (1977) 66; — *Leucostegia parvula* (WALL. ex HOOK. & GREV.) J. SM.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 189; RIDLEY, *J. Str. Br. R. As. Soc.* 50 (1908) 16; — *Pachypleuria parvula* (WALL. ex HOOK. & GREV.) KATO, *J. Fac. Sci. Univ. Tokyo III* 13 (1985) 572.
- 67 **Humata pectinata** (SM.) DESV.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 369; JOHNSON, *Ferns of Singapore Island* (1977) 67; — *H. parallela* (WALL.) BRACK.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 189; RIDLEY, *J. Str. Br. R. As. Soc.* 50 (1908) 15; — *Pachypleuria pectinata* (SM.) PRESL; TAGAWA & IWATSUKI, *Fl. Thail.* 3 (1989) 616.
- 68 **Humata repens** (L.f.) DIELS; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 371; JOHNSON, *Ferns of Singapore Island* (1977) 67; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 390; — *H. pedata* (SM.) J. SM.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 189; RIDLEY, *J. Str. Br. R. As. Soc.* 50 (1908) 16; — *H. pinnatifida* (BAK.) BEDD.; RIDLEY, *J. Str. Br. R. As. Soc.* 50 (1908) 16; — *Pachypleuria repens* (L.f.) KATO, *J. Fac. Sci. Univ. Tokyo III* 13 (1985) 573.
- 69 **Huperzia carinata** (POIRET) TREVISAN; ØLLGAARD, *Op. Bot.* 92 (1987) 165; — *Lycopodium carinatum* DESV. ex POIRET.

- 70 **Huperzia nummulariifolia** (BL.) JERMY; ØLLGAARD, Op. Bot. 92 (1987) 167; — *Lycopodium nummulariifolium* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 143.
- 71 **Huperzia phlegmaria** (L.) ROTHM.; ØLLGAARD, Op. Bot. 92 (1987) 166; — *Lycopodium phlegmaria* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 143; JOHNSON, Ferns of Singapore Island (1977) 103.
- 72 **Huperzia squarrosa** (G. FORST.) TREVISAN; ØLLGAARD, Op. Bot. 92 (1987) 167; — *Lycopodium squarrosus* G. FORST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 142.
- 73 **Hymenophyllum acanthoides** (BOSCH) ROSENST.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 80; JOHNSON, Ferns of Singapore Island (1977) 34; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 512; PIGGOTT, Ferns of Malaysia in Colour (1988) 66; — *Meringium acanthoides* (BOSCH) COPEL.; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 78.
- 74 **Hymenophyllum denticulatum** SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 188; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 11; HOLTTUM, Rev. Fl. Malaya 2 (1955) 79; JOHNSON, Ferns of Singapore Island (1977) 33; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 511; PIGGOTT, Ferns of Malaysia in Colour (1988) 65; — *H. neesii* (BL.) HOOK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 188; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 11; — *Meringium denticulatum* (SW.) COPEL.; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 77.
- 75 **Hymenophyllum holochilum** (V.D.B.) C. CHR.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 77; JOHNSON, Ferns of Singapore Island (1977) 33; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 511; — *Meringium holochilum* (BOSCH) COPEL.; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 77.
- 76 **Hymenophyllum polyanthos** SW.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 10; HOLTTUM, Rev. Fl. Malaya 2 (1955) 81; JOHNSON, Ferns of Singapore Island (1977) 34; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 516; PIGGOTT, Ferns of Malaysia in Colour (1988) 67.
- 77 **Hymenophyllum serrulatum** (PRESL) C. CHR.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 78; JOHNSON, Ferns of Singapore Island (1977) 33; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 511; PIGGOTT, Ferns of Malaysia in Colour (1988) 64; — *Meringium meyenianum* PRESL; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 76.
- 78 **Lecanopteris crustacea** COPEL.; Univ. Cal. Publ. Bot. 12 (1931) 406; — *Phymatodes crustacea* (COPEL.) HOLTT.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 190; JOHNSON, Ferns of Singapore Island (1977) 51; — *Myrmecophila crustacea* (COPEL.) TAGAWA; TAGAWA & IWATSUKI, Fl. Thail. 3 (1989) 535.
- 79 **Lepisorus longifolius** (BL.) HOLTT.; HOLTTUM, Rev. Fl. Malaya 2 (1955) ; JOHNSON, Ferns of Singapore Island (1977) ; PIGGOTT, Ferns of Malaysia in Colour (1988) 116; — *Pleopeltis longifolia* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 46.

- 80 ***Lindsaea borneensis*** HOOK. *ex* BAKER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 189; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 20; HOLTUM, Rev. Fl. Malaya 2 (1955) 331; KRAMER, Fl. Males. II 1³ (1971) 225; JOHNSON, Ferns of Singapore Island (1977) 61.
- 81 ***Lindsaea cultrata*** (WILLD.) SW.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 19; KRAMER, Fl. Males. II 1³ (1971) 222; — *L. decomposita* WILLD.; HOLTUM, Rev. Fl. Malaya 2 (1955) 333; JOHNSON, Ferns of Singapore Island (1977) 61; PIGGOTT, Ferns of Malaysia in Colour (1988) 260.
- 82 ***Lindsaea divergens*** HOOK. & GREV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 189; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 20; KRAMER, Fl. Males. II 1³ (1971) 233; — *Isoloma divergens* (HOOK. & GREV.) J. SM.; HOLTUM, Rev. Fl. Malaya 2 (1955) 337; JOHNSON, Ferns of Singapore Island (1977) 62.
- 83 ***Lindsaea doryophora*** KRAMER; KRAMER, Fl. Males. II 1³ (1971) 227; PIGGOTT, Ferns of Malaysia in Colour (1988) 254; — *L. trapeziformis quoad auctt. plur.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 189; — *L. lancea quoad auctt. plur.*; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 20; — *L. scandens* HOOK.; JOHNSON, Ferns of Singapore Island (1977) 60, *p.p.*; — *L. scandens var. terrestris* HOLTUM; HOLTUM, Rev. Fl. Malaya 2 (1955) 327.
- 84 ***Lindsaea ensifolia*** Sw. *ssp. coriacea* (V.A.V.R.) KRAMER; KRAMER, Fl. Males. II 1³ (1971) 212; — *Schizoloma ensifolium* (Sw.) J. SM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 21; HOLTUM, Rev. Fl. Malaya 2 (1955) 346; JOHNSON, Ferns of Singapore Island (1977) 63; — *L. ensifolia*; PIGGOTT, Ferns of Malaysia in Colour (1988) 265.
- 85 ***Lindsaea heterophylla*** DRYAND.; KRAMER, Fl. Males. II 1³ (1971) 210; PIGGOTT, Ferns of Malaysia in Colour (1988) 264; — *Schizoloma heterophyllum* (DRYAND.) J. SM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 21; HOLTUM, Rev. Fl. Malaya 2 (1955) 345; JOHNSON, Ferns of Singapore Island (1977) 64.
- 86 ***Lindsaea lucida*** BL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 328; KRAMER, Fl. Males. II 1³ (1971) 233; PIGGOTT, Ferns of Malaysia in Colour (1988) 255.
- 87a ***Lindsaea orbiculata*** (LAMK.) METT. *ex* KUHN *var. orbiculata*; KRAMER, Fl. Males. II 1³ (1971) 206; — *L. orbiculata*; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 20; PIGGOTT, Ferns of Malaysia in Colour (1988) 263; — *Schizoloma orbiculatum* (LAMK.) KUHN; HOLTUM, Rev. Fl. Malaya 2 (1955) 344; JOHNSON, Ferns of Singapore Island (1977) 63.
- 87b ***Lindsaea orbiculata var. commixta*** (TAGAWA) KRAMER; KRAMER, Fl. Males. II 1³ (1971) 207.
- 88 ***Lindsaea ovata*** J. SM.; KRAMER, Fl. Males. II 1³ (1971) 231; — *Isoloma ovatum* (J. SM.) PRESL; HOLTUM, Rev. Fl. Malaya 2 (1955) 338; JOHNSON, Ferns of Singapore Island (1977) 63.
- 89 ***Lindsaea parallelogramma*** V.A.V.R.; HOLTUM, Rev. Fl. Malaya 2 (1955) 335; KRAMER, Fl. Males. II 1³ (1971) 220; JOHNSON, Ferns of Singapore Island (1977) 61; PIGGOTT, Ferns of Malaysia in Colour (1988) 261.

- 90 **Lindsaea parasitica** (ROXB. *ex* GRIFF.) HIERON.; KRAMER, Fl. Males. II 1³ (1971) 244; — *L. scandens* HOOK.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 19; HOLTUM, Rev. Fl. Malaya 2 (1955) 325; JOHNSON, Ferns of Singapore Island (1977) 60; PIGGOTT, Ferns of Malaysia in Colour (1988) 253.
- 91 **Lindsaea repens** (BORY) THW. var. **pectinata** (BL.) METT. *ex* KUHN; KRAMER, Fl. Males. II 1³ (1971) 239; — *L. repens*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 189; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 19; — *L. macraeana* (HOOK. & ARN.) COPEL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 324; JOHNSON, Ferns of Singapore Island (1977) 59.
- 92 **Lindsaea walkerae** HOOK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 189; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 20; KRAMER, Fl. Males. II 1³ (1971) 229; — *Schizoloma walkerae* (HOOK.) KUHN; HOLTUM, Rev. Fl. Malaya 2 (1955) 344; JOHNSON, Ferns of Singapore Island (1977) 63.
- 93 **Lomariopsis lineata** (PRESL) HOLTUM; HOLTUM, Fl. Males. II 1⁴ (1978) 262; PIGGOTT, Ferns of Malaysia in Colour (1988) 361; — *Stenochlaena sorbifolia* [non (L.) J. SM.] BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 53; — *L. cochinchinensis* FÉÉ; HOLTUM, Rev. Fl. Malaya 2 (1955) 476; JOHNSON, Ferns of Singapore Island (1977) 80.
- 94 **Lycopodiella cernua** (L.) PICH.-SERM.; ØLLGAARD, Op. Bot. 92 (1987) 175; — *Lycopodium cernuum* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 144; JOHNSON, Ferns of Singapore Island (1977) 103.
- 95 **Lygodium circinnatum** (BURM. *f.*) SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 57; HOLTUM, Rev. Fl. Malaya 2 (1955) 55; HOLTUM, Fl. Males. II 1¹ (1959) 59; JOHNSON, Ferns of Singapore Island (1977) 24; PIGGOTT, Ferns of Malaysia in Colour (1988) 38;.
- 96 **Lygodium flexuosum** (L.) SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 58; HOLTUM, Rev. Fl. Malaya 2 (1955) 57, *p.p.*; HOLTUM, Fl. Males. II 1¹ (1959) 53; JOHNSON, Ferns of Singapore Island (1977) 26; PIGGOTT, Ferns of Malaysia in Colour (1988) 41.
- A 97 **Lygodium japonicum** (THUNB.) SW.; HOLTUM, Fl. Males. II 1¹ (1959) 51; WEE & CHUA, Fern Gaz. 13 (1988) 246.
- 98 **Lygodium longifolium** (WILLD.) SW.; HOLTUM, Fl. Males. II 1¹ (1959) 59; JOHNSON, Ferns of Singapore Island (1977) 25; PIGGOTT, Ferns of Malaysia in Colour (1988) 39; — *L. digitatum* PRESL; HOLTUM, Rev. Fl. Malaya 2 (1955) 55.
- 99 **Lygodium microphyllum** (CAV.) R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 58; HOLTUM, Fl. Males. II 1¹ (1959) 47; JOHNSON, Ferns of Singapore Island (1977) 28; PIGGOTT, Ferns of Malaysia in Colour (1988) 42; — *L. scandens* SW.; BURKILL, Dict. (1935) 1378; HOLTUM, Rev. Fl. Malaya 2 (1955) 58.
- 100 **Lygodium salicifolium** PRESL; HOLTUM, Fl. Males. II 1¹ (1959) 51; JOHNSON, Ferns of Singapore Island (1977) 110; PIGGOTT, Ferns of Malaysia in Colour (1988) 40; — *L. flexuosum sensu* HOLTUM; HOLTUM, Rev. Fl. Malaya 2 (1955) 57, *p.p.*

- A 101 **Macrothelypteris torresiana** (GAUD.) CHING; HOLTUM, Fl. Males. II 1⁵ (1981); 348; PIGGOTT, Ferns of Malaysia in Colour (1988) 179; — *Lastrea tenericaulis* (HOOK.) MOORE; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 36; — *Thelypteris uliginosa* (KUNZE) CHING; HOLTUM, Rev. Fl. Malaya 2 (1955) 241; — *Thelypteris torresiana* (GAUD.) ALSTON; JOHNSON, Ferns of Singapore Island (1977) 53.
- Ridley (1908, *loc. cit.*) reports this fern as established in Tanglin, Johnson (*loc. cit.*) says it is only cultivated in Singapore.
- 102 **Mesophlebion chlamydophorum** (ROSENST. ex C. CHR.) HOLT.; HOLTUM, Fl. Males. II 1⁵ (1981); 384; PIGGOTT, Ferns of Malaysia in Colour (1988) 189; — *Thelypteris chlamydophora* (C. CHR.) CHING; HOLTUM, Rev. Fl. Malaya 2 (1955) 246; JOHNSON, Ferns of Singapore Island (1977) 53.
- 103 **Mesophlebion motleyanum** (HOOK.) HOLT.; HOLTUM, Fl. Males. II 1⁵ (1981); 381; PIGGOTT, Ferns of Malaysia in Colour (1988) 187; — *Nephrodium brachyodus sensu* BAK.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908), *p.p.*; — *Thelypteris motleyana* (HOOK.) HOLT.; HOLTUM, Rev. Fl. Malaya 2 (1955) 247; JOHNSON, Ferns of Singapore Island (1977) 53.
- 104 **Metathelypteris dayi** (BEDD.) HOLT.; HOLTUM, Fl. Males. II 1⁵ (1981) 352; PIGGOTT, Ferns of Malaysia in Colour (1988) 181; — *Lastrea dayi* (BEDD.) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 35; — *Thelypteris singalensis sensu* HOLTUM; HOLTUM, Rev. Fl. Malaya 2 (1955) 243, *p.p.*; JOHNSON, Ferns of Singapore Island (1977) 111.
- 105a **Microlepia speluncae** (L.) MOORE. var. **hancei** (PRANTL) C. CHR.; HOLTUM, Rev. Fl. Malaya 2 (1955) 315; JOHNSON, Ferns of Singapore Island (1977) 59; PIGGOTT, Ferns of Malaysia in Colour (1988) 237; — *M. speluncae*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 189; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 18.
- 105b **Microlepia speluncae** var. **villosissima** C. CHR.; HOLTUM, Rev. Fl. Malaya 2 (1955) 315; JOHNSON, Ferns of Singapore Island (1977) 59; PIGGOTT, Ferns of Malaysia in Colour (1988) 238.
- 106 **Microsorium punctatum** (L.) COPEL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 179; JOHNSON, Ferns of Singapore Island (1977) 111; PIGGOTT, Ferns of Malaysia in Colour (1988) 133; BOSMAN, A Monograph of the Fern Genus *Microsorium* (Polypodiaceae) (1991) 97; — *Pleopeltis punctata* (L.) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 46.
- 107 **Monogramma dareicarpa** HOOK.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 48; HOLTUM, Rev. Fl. Malaya 2 (1955) 615; JOHNSON, Ferns of Singapore Island (1977) 87.
- 108 **Monogramma trichoidea** J. SM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 48; HOLTUM, Rev. Fl. Malaya 2 (1955) 618; JOHNSON, Ferns of Singapore Island (1977) 87; PIGGOTT, Ferns of Malaysia in Colour (1988) 432.

- 109 **Myrmecopteris sinuosa** (WALL. ex HOOK.) PIC. SER., Webbia 31 (1977) 240; — *Pleopeltis sinuosa* (WALL. ex HOOK.) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 46; — *Phymatodes sinuosa* (WALL. ex HOOK.) J. SM.; HOLTUM, Rev. Fl. Malaya 2 (1955) 190; JOHNSON, Ferns of Singapore Island (1977) 50; — *Myrmecophila sinuosa* (WALL. ex HOOK.) NAKAI ex H. ITO; TAGAWA & IWATSUKI, Fl. Thail. 3 (1989) 535.
- 110 **Nephrolepis acutifolia** (DESV.) CHR.; HOLTUM, Rev. Fl. Malaya 2 (1955) 375; JOHNSON, Ferns of Singapore Island (1977) 67; PIGGOTT, Ferns of Malaysia in Colour (1988) 372; — *Lindsaea lanuginosa* (SM.) HOOK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 189; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 21.
- 111 **Nephrolepis biserrata** (SW.) SCHOTT; HOLTUM, Rev. Fl. Malaya 2 (1955) 380; JOHNSON, Ferns of Singapore Island (1977) 68; PIGGOTT, Ferns of Malaysia in Colour (1988) 377; — *N. acuta* (SCHKUHR) PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 39.
- 112 **Nephrolepis falcata** (CAV.) C. CHR.; HOLTUM, Rev. Fl. Malaya 2 (1955) 381; JOHNSON, Ferns of Singapore Island (1977) 67; PIGGOTT, Ferns of Malaysia in Colour (1988) 380.
- 113 **Nephrolepis multiflora** (ROXB.) JARRETT; PIGGOTT, Ferns of Malaysia in Colour (1988) 381; — *N. hirsutula* (FORST.) PRESL; HOLTUM, Rev. Fl. Malaya 2 (1955) 382; JOHNSON, Ferns of Singapore Island (1977) 68.
- 114 **Nephrolepis radicans** (BURM. f.) KUHN; HOLTUM, Rev. Fl. Malaya 2 (1955) 381; JOHNSON, Ferns of Singapore Island (1977) 68; PIGGOTT, Ferns of Malaysia in Colour (1988) 379; — *N. volubilis* J. SM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 39.
- 115 **Ophioglossum nudicaule** L. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 59; PIGGOTT, Ferns of Malaysia in Colour (1988) 28; — *O. pedunculatum* DESV.; HOLTUM, Rev. Fl. Malaya 2 (1955) 39, *p.p.*
- 116 **Ophioglossum pendulum** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 59; HOLTUM, Rev. Fl. Malaya 2 (1955) 40; JOHNSON, Ferns of Singapore Island (1977) 22; PIGGOTT, Ferns of Malaysia in Colour (1988) 29.
- 117 **Ophioglossum reticulatum** L.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 59; JOHNSON, Ferns of Singapore Island (1977) 110; PIGGOTT, Ferns of Malaysia in Colour (1988) 28; — *O. pedunculatum* DESV.; HOLTUM, Rev. Fl. Malaya 2 (1955) 39, *p.p.*
- 118 **Phymatosorus longissimus** (BL.) PIC. SER., Webbia 28 (1973) 459; PIGGOTT, Ferns of Malaysia in Colour (1988) 144; — *Pleopeltis longissima* (BL.) J. SM.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 47; — *Phymatodes longissima* (BL.) J. SM.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 38; HOLTUM, Rev. Fl. Malaya 2 (1955) 191; JOHNSON, Ferns of Singapore Island (1977) 51; — *Microsorium rubidum* [non (KUNZE) COPEL.] TAGAWA & IWATSUKI, Fl. Thail. 3 (1989) 532.

- 119 **Phymatosorus nigrescens** (BL.) PIC. SER., *Webbia* 28 (1973) 459; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 145; — *Pleopeltis nigrescens* (BL.) CARR; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 47; — *Phymatodes nigrescens* (BL.) J. SM.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 193; JOHNSON, *Ferns of Singapore Island* (1977) 51; — *Microsorium nigrescens* (BL.) COPEL.; TAGAWA & IWATSUKI, *Fl. Thail.* 3 (1989) 532.
- 120 **Phymatosorus scolopendria** (BURM. f.) PIC. SER., *Webbia* 28 (1973) 460; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 143; — *Pleopeltis phymatodes* (L.) MOORE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 47; — *Phymatodes scolopendria* (BURM. f.) CHING; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 191; JOHNSON, *Ferns of Singapore Island* (1977) 51; — *Microsorium scolopendria* (BURM. f.) COPEL.; TAGAWA & IWATSUKI, *Fl. Thail.* 3 (1989) 533.
- A 121 **Pityrogramma calomelanos** (L.) LINK; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 593; JOHNSON, *Ferns of Singapore Island* (1977) 93; CORLETT, J. *Biogeog.* (1988) 661; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 424.
- 122 **Platycerium coronarium** (KOENIG) DESV.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 138; JOHNSON, *Ferns of Singapore Island* (1977) 44; HENNIPMAN & ROOS, *Verh. Kon. Ned. Akad. Wetensch. Afd. Natuur.*, Tweede Reeks 80 (1982) 92; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 105; — *P. biforme* (Sw.) BL., *nom. illeg.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 56.
- 123 **Platycerium ridleyi** CHRIST; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 140; JOHNSON, *Ferns of Singapore Island* (1977) 44; HENNIPMAN & ROOS, *Verh. Kon. Ned. Akad. Wetensch. Afd. Natuur.*, Tweede Reeks 80 (1982) 107; — *P. biforme* var. *erecta* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 56.
- 124 **Pleocnemia irregularis** (C. PRESL) HOLT.; HOLTUM, *Kew Bull.* 29 (1974) 347; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 333; HOLTUM, *Fl. Males.* II 2¹ (1991) 12; — *Dictyopteris difformis* (BL.) MOORE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 40; — *Arcypteris irregularis* (PRESL) CHING; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 538; JOHNSON, *Ferns of Singapore Island* (1977) 114.
- 125 **Pleocnemia olivacea** (COPEL.) HOLT.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 535; JOHNSON, *Ferns of Singapore Island* (1977) 82; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 331; HOLTUM, *Fl. Males.* II 2¹ (1991) 19.
- 126 **Pneumatopteris truncata** (POIR.) HOLT.; HOLTUM, *Fl. Males.* II. 1(5) 429; PIGGOTT, *Ferns of Malaysia in Colour* (1988) 198; — *Nephrodium truncatum auct. non* (GAUD.) PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 38; — *Cyclosorus truncatus* (POIR.) FARW.; HOLTUM, *Rev. Fl. Malaya* 2 (1955) 266; JOHNSON, *Ferns of Singapore Island* (1977) 56.
- 127 **Pronephrium menisciicarpon** (BL.) HOLT.; HOLTUM, *Fl. Males.* II 1⁵ (1981) 526; — *Meniscium cuspidatum* (non BL.) RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 50; — *Abacopteris menisciicarpa* (BL.) HOLT., *Rev. Fl. Malaya* 2 (1955) 290.

- 128 **Pronephrium repandum** (FÉE) HOLTT.; HOLTTUM, Fl. Males. II 1⁵ (1981) 533; PIGGOTT, Ferns of Malaysia in Colour (1988) 209; — *Nephrodium urophyllum* (METT.) KEYS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 37 (*p.p.*, incl. *var. pinwillii* BEDD.); — *Abacopteris urophylla* (METT.) CHING; HOLTTUM, Rev. Fl. Malaya 2 (1955) 296; — *Cyclosorus urophyllus* (METT.) TARD.; JOHNSON, Ferns of Singapore Island (1977) 111.
- 129 **Pronephrium triphyllum** (Sw.) HOLTT.; HOLTTUM, Fl. Males. II 1⁵ (1981) 534; — *Meniscium triphyllum* Sw.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 50; — *Abacopteris triphylla* (Sw.) CHING; HOLTTUM, Rev. Fl. Malaya 2 (1955) 287.
- 130 **Psilotum complanatum** Sw.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 196; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 146; — *P. flaccidum* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 196; JOHNSON, Ferns of Singapore Island (1977) 106.
- 131 **Psilotum nudum** (L.) P. BEAUV.; JOHNSON, Ferns of Singapore Island (1977) 106; — *P. triquetrum* Sw.; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 145; SINCLAIR, Gard. Bull. Sing. 14 (1953) 37.
- 132 **Pteridium aquilinum** (L.) KUHN; HOLTTUM, Rev. Fl. Malaya 2 (1955) 389; JOHNSON, Ferns of Singapore Island (1977) 70; PIGGOTT, Ferns of Malaysia in Colour (1988) 243; — *Pteris aquilina* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 24.
- 133 **Pteridium caudatum** (L.) MAXON ssp. **yarrabense** (DOMIN) PARRIS; PIGGOTT, Ferns of Malaysia in Colour (1988) 245; — *P. esculentum* (FORST.) NAKAI; HOLTTUM, Rev. Fl. Malaya 2 (1955) 390; — *P. caudatum*; JOHNSON, Ferns of Singapore Island (1977) 70.
- 134 **Pteris ensiformis** BURM.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 23; HOLTTUM, Rev. Fl. Malaya 2 (1955) 399; JOHNSON, Ferns of Singapore Island (1977) 114; PIGGOTT, Ferns of Malaysia in Colour (1988) 224.
- 135 **Pteris mertensioides** WILLD.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 404; JOHNSON, Ferns of Singapore Island (1977) 71; PIGGOTT, Ferns of Malaysia in Colour (1988) 227; — *P. patens* (*non* KUNTZE) HOOK.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 24.
- 136 **Pteris tripartita** Sw.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 408; JOHNSON, Ferns of Singapore Island (1977) 71; PIGGOTT, Ferns of Malaysia in Colour (1988) 231; — *Litobrochia marginata* (BORY) PRESL; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 25.
- 137 **Pteris vittata** L.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 396; JOHNSON, Ferns of Singapore Island (1977) 70; PIGGOTT, Ferns of Malaysia in Colour (1988) 223; — *P. longifolia sensu* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 190; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 23.

- 138 ***Pyrrosia angustata*** (Sw.) CHING; HOLTTUM, Rev. Fl. Malaya 2 (1955) 143; JOHNSON, Ferns of Singapore Island (1977) 46; HOVENKAMP, Leiden Bot. Ser. 9 (1986) 156; PIGGOTT, Ferns of Malaysia in Colour (1988) 108; — *Pleopeltis angustata* (Sw.) PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 46.
- 139 ***Pyrrosia lanceolata*** (L.) FARWELL; HOVENKAMP, Leiden Bot. Ser. 9 (1986) 191; PIGGOTT, Ferns of Malaysia in Colour (1988) 109; — *Niphobolus adnascens* (Sw.) KAULF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 43; — *P. adnascens* Sw.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 144; JOHNSON, Ferns of Singapore Island (1977) 47; — *P. varia* (KAULF.) FARW.; HOLTTUM, Rev. Fl. Malaya 2 (1955) 146; JOHNSON, Ferns of Singapore Island (1977) 47; PIGGOTT, Ferns of Malaysia in Colour (1988) 110.
- 140 ***Pyrrosia longifolia*** (BURM.) MORTON; HOLTTUM, Rev. Fl. Malaya 2 (1955) 148; JOHNSON, Ferns of Singapore Island (1977) 47; HOVENKAMP, Leiden Bot. Ser. 9 (1986) 209; PIGGOTT, Ferns of Malaysia in Colour (1988) 113; — *Niphobolus acrostichoides* [non PRESL] (FORST.) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 43.
- 141 ***Pyrrosia piloselloides*** (L.) PRICE; RAVENSBURG & HENNIPMAN, Leiden Bot. Ser. 9 (1986) 302; — *Drymoglossum piloselloides* (L.) PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 52; HOLTTUM, Rev. Fl. Malaya 2 (1955) 149; JOHNSON, Ferns of Singapore Island (1977) 48; PIGGOTT, Ferns of Malaysia in Colour (1988) 115.
- A 142 ***Salvinia molesta*** D.S. MITCHELL; JOHNSON, Ferns of Singapore Island (1977) 96; CORLETT, J. Biogeog. (1988) 661; PIGGOTT, Ferns of Malaysia in Colour (1988) 443; — *S. cucullata* ROXB. ex BORY; HOLTTUM, Rev. Fl. Malaya 2 (1955) 621.
- 143 ***Schizaea dichotoma*** (L.) SM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 57; HOLTTUM, Rev. Fl. Malaya 2 (1955) 50; HOLTTUM, Fl. Males. II 1¹ (1959) 41; JOHNSON, Ferns of Singapore Island (1977) 28.
- 144 ***Schizaea digitata*** (L.) Sw.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 57; HOLTTUM, Rev. Fl. Malaya 2 (1955) 51; HOLTTUM, Fl. Males. II 1¹ (1959) 41; JOHNSON, Ferns of Singapore Island (1977) 29; PIGGOTT, Ferns of Malaysia in Colour (1988) 36.
- 145 ***Schizaea wagneri*** SELLING; HOLTTUM, Rev. Fl. Malaya 2 (1955) 52; HOLTTUM, Fl. Males. II 1¹ (1959) 44; JOHNSON, Ferns of Singapore Island (1977) 30.
- 146 ***Selaginella ciliaris*** (RETZ.) SPRING; JOHNSON, Ferns of Singapore Island (1977) 99; WONG, Gard. Bull. Sing. 35 (1983) 130.
- 147 ***Selaginella intermedia*** (BL.) SPRING; WONG, Gard. Bull. Sing. 35 (1983) 124; — *S. atroviridis* (WALL.) SPRING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; ALSTON, Gard. Bull. Sing. 8 (1934) 53; JOHNSON, Ferns of Singapore Island (1977) 103; — *S. ascendens* v.A.v.R.; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 153; ALSTON, Gard. Bull. Sing. 8 (1934) 52; — *S. plumea* SPRING; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 151.

- 148 **Selaginella mayeri** Hieron.; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 149; ALSTON, Gard. Bull. Sing. 8 (1934) 42; WONG, Gard. Bull. Sing. 35 (1983) 126.
- 149 **Selaginella roxburghii** (Hook. & Grev.) Spring; ALSTON, Gard. Bull. Sing. 8 (1934) 51; JOHNSON, Ferns of Singapore Island (1977) 102; WONG, Gard. Bull. Sing. 35 (1983) 130; — *S. trichobasis* Bak.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 152.
- 150 **Selaginella wallichii** (Hook. & Grev.) Spring; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 153; ALSTON, Gard. Bull. Sing. 8 (1934) 48; JOHNSON, Ferns of Singapore Island (1977) 102; WONG, Gard. Bull. Sing. 35 (1983) 133.
- 151 **Selaginella willdenowii** (Desv.) Baker; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 195; ALSTON, Gard. Bull. Sing. 8 (1934) 45; JOHNSON, Ferns of Singapore Island (1977) 99; WONG, Gard. Bull. Sing. 35 (1983) 133; — *S. laevigatum*; RIDLEY, J. Str. Br. R. As. Soc. 80 (1919) 155.
- 152 **Selliguea heterocarpa** Bl.; HOLTUM, Rev. Fl. Malaya 2 (1955) 157; JOHNSON, Ferns of Singapore Island (1977) 49; — *S. féei* (non Bory) Bedd.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 49.
- 153 **Sphaerostephanos heterocarpus** (Bl.) Holtt.; HOLTUM, Fl. Males. II 1⁵ (1981) 457; PIGGOTT, Ferns of Malaysia in Colour (1988) 201; — ?*Nephrodium heterocarpum* (Bl.) Moore; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 38; — *Cyclosorus heterocarpus* (Bl.) Ching; HOLTUM, Rev. Fl. Malaya 2 (1955) 269; JOHNSON, Ferns of Singapore Island (1977) 58.
- 154 **Sphaerostephanos polycarpus** (Bl.) Copel.; HOLTUM, Fl. Males. II. 1(5) 448; PIGGOTT, Ferns of Malaysia in Colour (1988) 199; — *Nephrodium polycarpum* (Bl.) Keys.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; — *Mesochlaena polycarpa* (Bl.) Bedd.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 32; — *Nephrodium perakense* (Bedd.) Bak.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 39; — *Cyclosorus polycarpus* (Bl.) Holtt.; HOLTUM, Rev. Fl. Malaya 2 (1955) 283; JOHNSON, Ferns of Singapore Island (1977) 56.
- 155 **Sphaerostephanos unitus** (L.) Holtt.; HOLTUM, Fl. Males. II 1⁵ (1981) 477; — *Nephrodium cucullatum* (Bl.) Bak.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 191; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 36; — *Nephrodium haenkeanum* Presl; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 39; — *Cyclosorus unitus* (L.) Ching; HOLTUM, Rev. Fl. Malaya 2 (1955) 260; JOHNSON, Ferns of Singapore Island (1977) 54.
- 156 **Stenochlaena palustris** (Burm.) Bedd.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 53; HOLTUM, Rev. Fl. Malaya 2 (1955) 412; JOHNSON, Ferns of Singapore Island (1977) 73; PIGGOTT, Ferns of Malaysia in Colour (1988) 410.
- 157 **Syngamma alismifolia** (Presl) J. Sm.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 49; HOLTUM, Rev. Fl. Malaya 2 (1955) 581; JOHNSON, Ferns of Singapore Island (1977) 90; — *S. wallichii* (Hook.) Bedd.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 193; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 49; PIGGOTT, Ferns of Malaysia in Colour (1988) 422.

- 158 **Taenitis blechnoides** (WILLD.) SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 52; HOLTUM, Rev. Fl. Malaya 2 (1955) 586; JOHNSON, Ferns of Singapore Island (1977) 90; PIGGOTT, Ferns of Malaysia in Colour (1988) 437.
- 159 **Taenitis interrupta** HOOK. & GREV.; HOLTUM, Rev. Fl. Malaya 2 (1955) 587; JOHNSON, Ferns of Singapore Island (1977) 91; PIGGOTT, Ferns of Malaysia in Colour (1988) 438.
- 160 **Tapeinidium pinnatum** (CAV.) C. CHR.; HOLTUM, Rev. Fl. Malaya 2 (1955) 339; KRAMER, Fl. Males. II 1³ (1971) 193; JOHNSON, Ferns of Singapore Island (1977) 62; PIGGOTT, Ferns of Malaysia in Colour (1988) 249; — *Microlepia pinnata* (CAV.) J. SM.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 18.
- 161 **Tectaria angulata** (WILLD.) C. CHR.; HOLTUM, Rev. Fl. Malaya 2 (1955) 511; JOHNSON, Ferns of Singapore Island (1977) 83; HOLTUM, Gard. Bull. Sing. 34 (1981) 145; PIGGOTT, Ferns of Malaysia in Colour (1988) 343; HOLTUM, Fl. Males. II 2¹ (1991) 85; — *Aspidium angulatum* (WILLD.) J. SM. ex METT.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 33.
- 162 **Tectaria barberi** (HOOK.) COPEL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 508; JOHNSON, Ferns of Singapore Island (1977) 84; HOLTUM, Gard. Bull. Sing. 34 (1981) 138; PIGGOTT, Ferns of Malaysia in Colour (1988) 340; HOLTUM, Fl. Males. II 2¹ (1991) 52; — *Dictyopteris barberi* (HOOK.) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 192; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 40; — *Aspidium kunstleri* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 33.
- 163 **Tectaria grandidentata** (CESATI) HOLT.; HOLTUM, Rev. Fl. Malaya 2 (1955) 514; JOHNSON, Ferns of Singapore Island (1977) 83; HOLTUM, Gard. Bull. Sing. 34 (1981) 139; PIGGOTT, Ferns of Malaysia in Colour (1988) 348; HOLTUM, Fl. Males. II 2¹ (1991) 92.
- 164 **Tectaria griffithii** (BAK.) C. CHR. var. **singaporeana** HOLTUM, Blumea 35 (1991) 551; HOLTUM, Fl. Males. II 2¹ (1991) 55; — *T. griffithii*; HOLTUM, Gard. Bull. Sing. 34 (1981) 137; PIGGOTT, Ferns of Malaysia in Colour (1988) 339; — *Aspidium multicaudatum* (CLARKE) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 34; — *T. multicaudata* (CLARKE) CHING; HOLTUM, Rev. Fl. Malaya 2 (1955) 507; JOHNSON, Ferns of Singapore Island (1977) 83.
- 165 **Tectaria semipinnata** (ROXB.) MORTON; HOLTUM, Rev. Fl. Malaya 2 (1955) 515; HOLTUM, Gard. Bull. Sing. 34 (1981) 138; PIGGOTT, Ferns of Malaysia in Colour (1988) 347; HOLTUM, Fl. Males. II 2¹ (1991) 78; — *Selliguea maingayi* (BAK.) BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 49; — *T. maingayi* (BAK.) C. CHR.; HOLTUM, Rev. Fl. Malaya 2 (1955) 513; JOHNSON, Ferns of Singapore Island (1977) 83.
- 166 **Tectaria singaporeana** (HOOK. & GREV.) COPEL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 512; JOHNSON, Ferns of Singapore Island (1977) 82; HOLTUM, Gard. Bull. Sing. 34 (1981) 138; PIGGOTT, Ferns of Malaysia in Colour (1988) 345; HOLTUM, Fl. Males. II 2¹ (1991) 100; — *Aspidium singaporeanum* HOOK. & GREV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 191; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 32.

- 167 ***Teratophyllum aculeatum*** (BL.) METT. *ex* KUHN; HOLTUM, Rev. Fl. Malaya 2 (1955) 473; JOHNSON, Ferns of Singapore Island (1977) 78; HOLTUM, Fl. Males. II I(4) 269.
- 168 ***Teratophyllum ludens*** (FÉE) HOLT.; HOLTUM, Rev. Fl. Malaya 2 (1955) 474; JOHNSON, Ferns of Singapore Island (1977) 80; HOLTUM, Fl. Males. II I(4) 275.
- 169 ***Teratophyllum rotundifoliatum*** (R. BONAP.) HOLT.; HOLTUM, Rev. Fl. Malaya 2 (1955) 474; JOHNSON, Ferns of Singapore Island (1977) 78; HOLTUM, Fl. Males. II I(4) 270.
- 170 ***Trichomanes christii*** COPEL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 100; JOHNSON, Ferns of Singapore Island (1977) 38; PIGGOTT, Ferns of Malaysia in Colour (1988) 80; — *Crepidomanes christii* (COPEL.) COPEL.; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 88; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 540.
- 171 ***Trichomanes humile*** FORST. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 12; HOLTUM, Rev. Fl. Malaya 2 (1955) 98; JOHNSON, Ferns of Singapore Island (1977) 38; PIGGOTT, Ferns of Malaysia in Colour (1988) 78; — *Reedia humilis* (FORST.) PICHI-SER.; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 87; — *Crepidomanes humile* (FORST.) BOSCH; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 540.
- 172 ***Trichomanes javanicum*** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 188; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 13; HOLTUM, Rev. Fl. Malaya 2 (1955) 102; JOHNSON, Ferns of Singapore Island (1977) 35; PIGGOTT, Ferns of Malaysia in Colour (1988) 81; — *Cephalomanes javanicum* (BL.) BOSCH; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 96; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 548.
- 173 ***Trichomanes mindorense*** CHRIST; COPEL; Phil. J. Sci. 51 (1933) 209; — *T. muscoides sensu* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 188; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 12; — *T. binarginatum auct. plur.* [*non* (BOSCH) BOSCH]; HOLTUM, Rev. Fl. Malaya 2 (1955) 92, *p.p.*; JOHNSON, Ferns of Singapore Island (1977) 35; — *Microgonium mindorense* (CHRIST) COPEL.; CROXALL, Kew Bull. 41 (1986) 522.
- 174 ***Trichomanes minutum*** BL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 96; JOHNSON, Ferns of Singapore Island (1977) 110; — *Gonocormus saxifragoides* (PRESL) BOSCH; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 80; — *Crepidomanes minutum* (BL.) IWATSUKI; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 524; — *T. saxifragoides* PRESL; PIGGOTT, Ferns of Malaysia in Colour (1988) 75.
- 175 ***Trichomanes motleyi*** (BOSCH) BOSCH; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 12; HOLTUM, Rev. Fl. Malaya 2 (1955) 92; JOHNSON, Ferns of Singapore Island (1977) 34; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 54; — *Microgonium motleyi* BOSCH; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 44; CROXALL, Kew Bull. 41 (1986) 526.

- 176 **Trichomanes obscurum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 15; HOLTUM, Rev. Fl. Malaya 2 (1955) 108; JOHNSON, Ferns of Singapore Island (1977) 37; PIGGOTT, Ferns of Malaysia in Colour (1988) 87; — *T. rigidum sensu* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 188; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 13; — *Selenodesmium obscurum* (BL.) COPEL.; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 99; — *Cephalomanes obscurum* (BL.) IWATSUKI; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 547.
- 177 **Trichomanes pallidum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 12; HOLTUM, Rev. Fl. Malaya 2 (1955) 97; JOHNSON, Ferns of Singapore Island (1977) 37; PIGGOTT, Ferns of Malaysia in Colour (1988) 77; — *Pleuromanes pallidum* (BL.) PRESL; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 86; — *Crepidomanes pallidum* (BL.) IWATSUKI; IWATSUKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 523.
- 178 **Trichomanes singaporeanum** (BOSCH) v.A.v.R.; HOLTUM, Rev. Fl. Malaya 2 (1955) 103; JOHNSON, Ferns of Singapore Island (1977) 36; PIGGOTT, Ferns of Malaysia in Colour (1988) 82.
- 179 **Trichomanes sublimbatum** K. MUELL.; HOLTUM, Rev. Fl. Malaya 2 (1955) 92; JOHNSON, Ferns of Singapore Island (1977) 35; PIGGOTT, Ferns of Malaysia in Colour (1988) 72; — *Microgonium sublimbatum* (K. MUELL.) BOSCH; TAGAWA & IWATSUKI, Fl. Thail. 3 (1979) 94; CROXALL, Kew Bull. 41 (1986) 527.
- 180 **Trichomanes superbum** BACKH.; HOLTUM, Rev. Fl. Malaya 2 (1955) 108; JOHNSON, Ferns of Singapore Island (1977) 37; — *T. hispidulum* METT.; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 14.
- 181 **Vittaria elongata** SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 51; HOLTUM, Rev. Fl. Malaya 2 (1955) 614; JOHNSON, Ferns of Singapore Island (1977) 87; PIGGOTT, Ferns of Malaysia in Colour (1988) 431; — *V. scolopendrina* [non (BORY) THW.] RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 194; RIDLEY, J. Str. Br. R. As. Soc. 50 (1908) 51.
- 182 **Vittaria ensiformis** SW.; HOLTUM, Rev. Fl. Malaya 2 (1955) 613; JOHNSON, Ferns of Singapore Island (1977) 87; PIGGOTT, Ferns of Malaysia in Colour (1988) 430;

GYMNOSPERMAE

CYCADACEAE

- 183 **Cycas rumphii** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 151; RIDLEY, Fl. Mal. Pen. 5 (1925) 284; KENG, Conc. Fl. Sing. (1990) 1.

GNETACEAE

- 184 **Gnetum gnemon** L.; RIDLEY, Fl. Mal. Pen. 5 (1925) 273; BURKILL, Dict. (1935) 1091; CORNER, Ways. Trees 1st ed. (1940) 276; MARKGRAF, Fl. Males. I 4³ (1951) 340; WHITMORE, Tree Fl. Malaya 1 (1972) 54; CORNER, Ways. Trees, 3rd ed. (1988) 774; KENG, Conc. Fl. Sing. (1990) 6; — *G. brunonianum* GRIFF.; RIDLEY, Fl. Mal. Pen. 5 (1925) 274.

- 185 **Gnetum gnemonoides** BRONGN.; MARKGRAF, Fl. Males. I 4³ (1951) 344; KENG, Conc. Fl. Sing. (1990) 6; — *G. edule* (non BL.) HASSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 151; — *G. wrayi* GAMBLE; RIDLEY, Fl. Mal. Pen. 5 (1925) 276.
- 186 **Gnetum latifolium** BL. var. **funiculare** MARKGRAF; MARKGRAF, Fl. Males. I 4³ (1951) 343; KENG, Conc. Fl. Sing. (1990) 7; — *G. funiculare* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 151; — *G. kingianum* GAMBLE; RIDLEY, Fl. Mal. Pen. 5 (1925) 276.
- 187 **Gnetum macrostachyum** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 151; RIDLEY, Fl. Mal. Pen. 5 (1925) 274; MARKGRAF, Fl. Males. I 4³ (1951) 346; KENG, Conc. Fl. Sing. (1990) 7.
- 188 **Gnetum microcarpum** BL.; MARKGRAF, Fl. Males. I 4³ (1951) 343; KENG, Conc. Fl. Sing. (1990) 7; — *G. neglectum* (non BL.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 151; — *G. campestre* GAMBLE; RIDLEY, Fl. Mal. Pen. 5 (1925) 275; — *G. sylvestre* GAMBLE; RIDLEY, Fl. Mal. Pen. 5 (1925) 275.

PODOCARPACEAE

- 189 **Nageia wallichiana** (PRESL) O. KUNTZE; DE LAUBENFELS, Fl. Males. I 10³ (1988) 391; — *Podocarpus blumei* ENDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 281; CORNER, Ways. Trees 1st ed. (1940) 717; — *Decussocarpus wallichianus* (PRESL) DE LAUBENFELS; DE LAUBENFELS, J. Arn. Arb. 50 (1969) 349; — *Podocarpus wallichianus* PRESL; KENG, Tree Fl. Malaya 1 (1972) 53; KENG, Conc. Fl. Sing. (1990) 3.
- 190 **Podocarpus polystachyus** R. BR. ex ENDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 282; KENG, Tree Fl. Malaya 1 (1972) 53; CORNER, Ways. Trees, 3rd ed. (1988) 772; DE LAUBENFELS, Fl. Males. I 10³ (1988) 417; KENG, Conc. Fl. Sing. (1990) 3; — *P. nerifolius* non D. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 151.

ANGIOSPERMAE

ACANTHACEAE

- 191 **Acanthus ebracteatus** VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121; RIDLEY, Fl. Mal. Pen. 2 (1923) 577; HENDERSON, Mal. Wild Fl. Dic. (1959) 367; KENG, Conc. Fl. Sing. (1990) 187.
- 192 **Acanthus ilicifolius** L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 577.
- 193 **Acanthus volubilis** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121; RIDLEY, Fl. Mal. Pen. 2 (1923) 577; KENG, Conc. Fl. Sing. (1990) 187.
- A 194 **Andrographis paniculata** (BURM. f.) WALL. ex NEES; RIDLEY, Fl. Mal. Pen. 2 (1923) 582; SINCLAIR, Gard. Bull. Sing. 15 (1956) 25; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 187.
- A 195 **Asystasia gangetica** (L.) T. ANDERS.; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 187; — *A. coromandeliana* NEES; RIDLEY, Fl. Mal. Pen. 2 (1923) 586; HENDERSON, Mal. Wild Fl. Dic. (1959) 373.

- 196 **Asystasia nemorum** NEES; KENG, Conc. Fl. Sing. (1990) 187; — *A. intrusa* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121; RIDLEY, Fl. Mal. Pen. 2 (1923) 585; HENDERSON, Mal. Wild Fl. Dic. (1959) 373.
- 197 **Calophanoides quadrifaria** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 593; KENG, Conc. Fl. Sing. (1990) 188.
- A 198 **Hemigraphis confinis** T. ANDERS.; RIDLEY, Fl. Mal. Pen. 2 (1923) 569; SINCLAIR, Gard. Bull. Sing. 14 (1953) 34.
- A 199 **Hemigraphis primulifolia** (NEES) F.-VILL.; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 128.
- 200 **Hygrophila erecta** (BURM. f.) HOCHR.; KENG, Conc. Fl. Sing. (1990) 189; — *H. quadrivalvis* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121; RIDLEY, Fl. Mal. Pen. 2 (1923) 566.
- 201 **Hygrophila meianthos** CLARKE; RIDLEY, Fl. Mal. Pen. 2 (1923) 566; KENG, Conc. Fl. Sing. (1990) 189.
- 202 **Hygrophila phlomoides** NEES; RIDLEY, Fl. Mal. Pen. 2 (1923) 567; HENDERSON, Mal. Wild Fl. Dic. (1959) 370; KENG, Conc. Fl. Sing. (1990) 189; — *H. salicifolia* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121.
- A 203 **Hygrophila spinosa** T. ANDERS.; RIDLEY, Fl. Mal. Pen. 2 (1923) 567; KENG, Conc. Fl. Sing. (1990) 189.
- A 204 **Jacobinia coccinea** (AUBL.) HIERN; KENG, Conc. Fl. Sing. (1990) 189.
- 205 **Justicia vasculosa** WALL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 598; KENG, Conc. Fl. Sing. (1990) 189; — *J. andrographoides* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121.
- 206 **Peristrophe acuminata** NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 122; RIDLEY, Fl. Mal. Pen. 2 (1923) 609; HENDERSON, Mal. Wild Fl. Dic. (1959) 369; KENG, CONC. FL. SING. (1990) 189.
- 207 **Peristrophe roxburghiana** (SCHULT.) BREMEK.; KENG, Conc. Fl. Sing. (1990) 189; — *P. montana* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 122; — *P. tinctoria* NEES; RIDLEY, Fl. Mal. Pen. 2 (1923) 609.
- 208 **Pseuderanthemum kingii** (CLARKE) RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 591; KENG, Conc. Fl. Sing. (1990) 190.
- 209 **Ruellia repens** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121; RIDLEY, Fl. Mal. Pen. 2 (1923) 564; HENDERSON, Mal. Wild Fl. Dic. (1959) 371; KENG, Conc. Fl. Sing. (1990) 190.
- 210 **Staurogyne griffithiana** (NEES) O. KUNTZE; RIDLEY, Fl. Mal. Pen. 4 (1924) 561; BREMEKAMP, Reinwardtia 3 (1955) 181; KENG, Conc. Fl. Sing. (1990) 190; — *Ebermaiera griffithiana* (NEES) T. ANDERS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121.
- 211 **Staurogyne kingiana** CLARKE; RIDLEY, Fl. Mal. Pen. 4 (1924) 560; HENDERSON, Mal. Wild Fl. Dic. (1959) 369; SINCLAIR, Gard. Bull. Sing. 14 (1953) 34; BREMEKAMP, Reinwardtia 3 (1955) 193.

- 212 **Staurogyne setigera** (NEES) O. KUNTZE; RIDLEY, Fl. Mal. Pen. 4 (1924) 559; HENDERSON, Mal. Wild Fl. Dic. (1959) 369; BREMEKAMP, Reinwardtia 3 (1955) 187; KENG, Conc. Fl. Sing. (1990) 190; — *Ebermaiera setigera* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121.
- 213 **Strobilanthes palawanensis** ELM.; TERAQ, Acta Phytotax. Geobot. 34 (1983) 120; — *Endopogon ridleyi* CLARKE; RIDLEY, Fl. Mal. Pen. 2 (1923) 570; KENG, Conc. Fl. Singapore (1990) 188.
- A 214 **Thunbergia alata** BOJ. *ex* SIMS; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121; RIDLEY, Fl. Mal. Pen. 2 (1923) 557; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 190.
- 215 **Thunbergia dasychlamys** BREMEKAMP, Verhand. Konin. Ned. Akad. Weten., Afd. Natuur. 4 (1955) 53.
- 216 **Thunbergia fragrans** ROXB., RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 121; RIDLEY, Fl. Mal. Pen. 2 (1923) 557; HENDERSON, Mal. Wild Fl. Dic. (1959) 366; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 191.
- A 217 **Thunbergia grandiflora** (ROXB. *ex* ROTTL.) ROXB.; RIDLEY, Fl. Mal. Pen. 2 (1923) 557; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 191.

ACTINIDIACEAE

- 218 **Saurauia pentapetala** (JACK) HOOGL.; HOOGLAND, Tree Fl. Malaya 4 (1989) 5; KENG, Conc. Fl. Sing. (1990) 46; — *S. tristyla* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48 ("*Saurauja*"), RIDLEY, Fl. Mal. Pen. 1 (1922) 207, *p.p.*

AGAVACEAE

- 219 **Dracaena aurantiaca** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 169; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 99; RIDLEY, Fl. Mal. Pen. 4 (1924) 336; KENG, Gard. Bull. Sing. 40 (1987) 117.
- 220 **Dracaena brachystachys** HOOK. *f.*; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 96; RIDLEY, Fl. Mal. Pen. 4 (1924) 336 ("*trachystachys*"); KENG, Gard. Bull. Sing. 40 (1987) 117.
- 221 **Dracaena elliptica** THUNB.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 100; RIDLEY, Fl. Mal. Pen. 4 (1924) 337; KENG, Gard. Bull. Sing. 40 (1987) 117; — *D. gracilis* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 1696.
- 222 **Dracaena granulata** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 168; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 95; RIDLEY, Fl. Mal. Pen. 4 (1924) 332; KENG, Gard. Bull. Sing. 40 (1987) 118.
- 223 **Dracaena maingayi** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 169; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 98; RIDLEY, Fl. Mal. Pen. 4 (1924) 335; MAXWELL, Gard. Bull. Sing. 35 (1983) 191; KENG, Gard. Bull. Sing. 40 (1987) 118.

- 224 **Dracaena porteri** BAK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 169; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 97; RIDLEY, Fl. Mal. Pen. 4 (1924) 333; KENG, Gard. Bull. Sing. 40 (1987) 118.
- 225 **Dracaena singapurensis** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 169; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 97; RIDLEY, Fl. Mal. Pen. 4 (1924) 334; KENG, Gard. Bull. Sing. 40 (1987) 118.
- 226 **Dracaena umbratica** RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 334; HENDERSON, Mal. Wild Fl. Monoc. (1954) 182; KENG, Gard. Bull. Sing. 40 (1987) 118; — *D. terniflora* (non ROXB.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 169; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 97.

AIZOACEAE

- 227 **Mollugo pentaphylla** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 867; BURKILL, Dict. (1935) 1484; HENDERSON, Mal. Wild Fl. Dic. (1959) 172; BACKER, Fl. Males. I 4³ (1951) 268; KENG, Conc. Fl. Sing. (1990) 58; — *M. stricta* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 88.
- 228 **Sesuvium portulacastrum** (L.) L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 866; BURKILL, Dict. (1935) 1998; HENDERSON, Mal. Wild Fl. Dic. (1959) 171; BACKER, Fl. Males. I 4³ (1951) 272; KENG, Conc. Fl. Sing. (1990) 58.

ALANGIACEAE

- 229a **Alangium ebenaceum** (CLARKE) HARMS var. **ebenaceum**; RIDLEY, Fl. Mal. Pen. 1 (1922) 893; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 57; — *Marlea ebenacea* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 89.
- 229b **Alangium ebenaceum** var. **tutela** (RIDL.) KOCHUMMEN; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 57; KENG, Conc. Fl. Sing. (1990) 130; — *A. tutela* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 894, — *Marlea* sp. "*Kayu Tas*", RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 90.
- 230 **Alangium griffithii** (CLARKE) HARMS; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 58; — *A. uniloculare* (GRIFF.) KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 894 — *Marlea griffithii* CLARKE, RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 90.
- 231 **Alangium nobile** (CLARKE) HARMS; RIDLEY, Fl. Mal. Pen. 1 (1922) 892; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 58; KENG, Conc. Fl. Sing. (1990) 130; — *Marlea nobilis* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 89.
- 232 **Alangium ridleyi** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 893; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 59; KENG, Conc. Fl. Sing. (1990) 130.
- 233 **Alangium salviifolium** (L.f.) WANG.; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 57; — *A. lamarckii* THW.; RIDLEY, Fl. Mal. Pen. 1 (1922) 892.

AMARANTHACEAE

- 234 **Achyranthes aspera** L.; RIDLEY, Fl. Mal. Pen. 3 (1924) 8; BACKER, Fl. Males. I 4² (1949) 88; HENDERSON, Mal. Wild Fl. Dic. (1959) 413; KENG, Conc. Fl. Sing. (1990) 57.
- 235 **Allmania nodiflora** R. BR. *ex* WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; RIDLEY, Fl. Mal. Pen. 3 (1924) 5; BACKER, Fl. Males. I 4² (1949) 74; HENDERSON, Mal. Wild Fl. Dic. (1959) 409; KENG, Conc. Fl. Sing. (1990) 57.
- A 236 **Alternanthera bettzichiana** (REGEL) VOSS; MEARS, Proc. Acad. Nat. Sci. Philadelphia 129 (1977) 16; — *A. ficoidea* (L.) R. BR. *ex* R. & S.; BACKER, Fl. Males. I 4² (1949) 93; SINCLAIR, Gard. Bull. Sing. 14 (1952) 35; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 57.
- A 237 **Alternanthera philoxeroides** (MART.) GRISEB.; BACKER, Fl. Males. I 4² (1949) 93; SINCLAIR, Gard. Bull. Sing. 14 (1952) 35; CORLETT, J. Biogeog. (1988) 661.
- 238 **Alternanthera sessilis** (L.) R. BR. *ex* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 126; RIDLEY, Fl. Mal. Pen. 3 (1924) 10; BACKER, Fl. Males. I 4² (1949) 92; KENG, Conc. Fl. Sing. (1990) 57; — *A. triandra* LAMK.; BURKILL, Dict. (1935) 116; HENDERSON, Mal. Wild Fl. Dic. (1959) 412.
- 239 **Amaranthus blitum** L.; HENDERSON, Mal. Wild Fl. Dic. (1959) 411; FILLIAS, GAULLIEZ & GUÉDÈS, Taxon 29 (1980) 149; — *A. lividus* L.; BACKER, Fl. Males. I 4² (1949) 77; KENG, Conc. Fl. Sing. (1990) 57.
- A 240 **Amaranthus spinosus** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; RIDLEY, Fl. Mal. Pen. 3 (1924) 6; BACKER, Fl. Males. I 4² (1949) 78; HENDERSON, Mal. Wild Fl. Dic. (1959) 410; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 57.
- A 241 **Celosia argentea** L.; RIDLEY, Fl. Mal. Pen. 3 (1924) 5; BACKER, Fl. Males. I 4² (1949) 73; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 57.
- 242 **Cyathula prostrata** (L.) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; RIDLEY, Fl. Mal. Pen. 3 (1924) 7; BACKER, Fl. Males. I 4² (1949) 82; HENDERSON, Mal. Wild Fl. Dic. (1959) 413; KENG, Conc. Fl. Sing. (1990) 57.

AMARYLLIDACEAE

- 243 **Crinum asiaticum** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 167; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 68; RIDLEY, Fl. Mal. Pen. 4 (1924) 301; HENDERSON, Mal. Wild Fl. Monoc. (1954) 164; KENG, Gard. Bull. Sing. 40 (1987) 120.

ANACARDIACEAE

- A 244 **Anacardium occidentale** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68; RIDLEY, Fl. Mal. Pen. 1 (1922) 526; BURKILL, Dict. (1935) 143; CORNER, Ways. Trees 1st ed. (1940) 100; DING HOU, Fl. Males. I 8² (1977) 421; CORNER, Ways. Trees, 3rd ed. (1988) 109; KENG, Conc. Fl. Sing. (1990) 123.

- 245 **Bouea macrophylla** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; RIDLEY, Fl. Mal. Pen. 1 (1922) 520; BURKILL, Dict. (1935) 355; CORNER, Ways. Trees 1st ed. (1940) 101; DING HOU, Fl. Males. I 8² (1977) 468; CORNER, Ways. Trees, 3rd ed. (1988) 110; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 14; KENG, Conc. Fl. Sing. (1990) 123.
- 246 **Bouea oppositifolia** (ROXB.) MEISN.; DING HOU, Fl. Males. I 8² (1977) 466; CORNER, Ways. Trees, 3rd ed. (1988) 110; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 14; KENG, Conc. Fl. Sing. (1990) 123; — *B. burmanica* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; — *B. microphylla* GRIFF.; RIDLEY, Fl. Mal. Pen. 1 (1922) 519; BURKILL, Dict. (1935) 355; CORNER, Ways. Trees 1st ed. (1940) 101.
- 247 **Buchanania arborescens** (BL.) BL.; DING HOU, Fl. Males. I 8² (1977) 415; CORNER, Ways. Trees, 3rd ed. (1988) 111; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 16; KENG, Conc. Fl. Sing. (1990) 123; — *B. florida* SCHAU.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67 (*incl. var. lucida & var. petiolaris*); — *B. lucida* BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 518; BURKILL, Dict. (1935) 378, CORNER, Ways. Trees 1st ed. (1940) 102.
- 248 **Buchanania sessifolia** BL.; (“*sessilifolia*”) RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; RIDLEY, Fl. Mal. Pen. 1 (1922) 519; BURKILL, Dict. (1935) 378; DING HOU, Fl. Males. I 8² (1977) 418; CORNER, Ways. Trees, 3rd ed. (1988) 111; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 16; KENG, Conc. Fl. Sing. (1990) 123.
- 249 **Camptosperma auriculatum** (BL.) HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68; RIDLEY, Fl. Mal. Pen. 1 (1922) 534 (*incl. var. wallichii* (KING) RIDL.); BURKILL, Dict. (1935) 421; CORNER, Ways. Trees 1st ed. (1940) 104; DING HOU, Fl. Males. I 8² (1977) 529; CORNER, Ways. Trees, 3rd ed. (1988) 112; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 18; KENG, Conc. Fl. Sing. (1990) 123; — *C. wallichii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68; — *C. griffithii* (non March.) HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68.
- ? 250 **Camptosperma coriaceum** (JACK) HALL. f. ex STEENIS; DING HOU, Fl. Males. I 8² (1977) 530; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 20; — *C. griffithii* MARCH.; RIDLEY, Fl. Mal. Pen. 1 (1922) 534.
- One specimen, Cantley's collector *s.n.*, *s.loc.*, 188?, Flora of Singapore, det. Ding Hou
- 251 **Camptosperma squamatum** RIDL.; DING HOU, Fl. Males. I 8² (1977) 532; CORNER, Ways. Trees, 3rd ed. (1988) 113; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 20; KENG, Conc. Fl. Sing. (1990) 123; — *C. minor* CORNER; CORNER, Ways. Trees 1st ed. (1940) 104.
- 252 **Gluta wallichii** (HOOK. f.) DING HOU; DING HOU, Fl. Males. I 8² (1977) 456; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 30; KENG, Conc. Fl. Sing. (1990) 123; — *Melanorrhoea maingayi* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68; — *Melanorrhoea wallichii* HOOK. f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 529; BURKILL, Dict. (1935) 1438; CORNER, Ways. Trees 1st ed. (1940) 120; CORNER, Ways. Trees, 3rd ed. (1988) 130; — *Melanorrhoea woodsiana* SCORT. ex KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 530; CORNER, Ways. Trees 1st ed. (1940) 120; CORNER, Ways. Trees, 3rd ed. (1988) 130.

- 253 ***Mangifera caesia*** JACK; RIDLEY, Fl. Mal. Pen. 1 (1922) 525; BURKILL, Dict. (1935) 1401; CORNER, Ways. Trees 1st ed. (1940) 108; DING HOU, Fl. Males. I 8² (1977) 438; CORNER, Ways. Trees, 3rd ed. (1988) 117; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 33; KENG, Conc. Fl. Sing. (1990) 124; — *M. kemanga* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68; RIDLEY, Fl. Mal. Pen. 1 (1922) 525.
- 254 ***Mangifera foetida*** LOUR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; RIDLEY, Fl. Mal. Pen. 1 (1922) 524; BURKILL, Dict. (1935) 1402; CORNER, Ways. Trees 1st ed. (1940) 109; DING HOU, Fl. Males. I 8² (1977) 435; CORNER, Ways. Trees, 3rd ed. (1988) 118; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 35; KENG, Conc. Fl. Sing. (1990) 124.
- 255 ***Mangifera griffithii*** HOOK. f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 521; DING HOU, Fl. Males. I 8² (1977) 430; CORNER, Ways. Trees, 3rd ed. (1988) 118; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 35; KENG, Conc. Fl. Sing. (1990) 124; — *M. sclerophylla* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; RIDLEY, Fl. Mal. Pen. 1 (1922) 521; — *M. microphylla* GRIFF. ex HOOK. f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 521; BURKILL, Dict. (1935) 1407; CORNER, Ways. Trees 1st ed. (1940) 111.
- 256 ***Mangifera lagenifera*** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; RIDLEY, Fl. Mal. Pen. 1 (1922) 525; BURKILL, Dict. (1935) 1406; CORNER, Ways. Trees 1st ed. (1940) 110; DING HOU, Fl. Males. I 8² (1977) 433; CORNER, Ways. Trees, 3rd ed. (1988) 120; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 36; KENG, Conc. Fl. Sing. (1990) 124.
- 257 ***Mangifera macrocarpa*** BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 524; MAXWELL, Gard. Bull. Sing. 35 (1983) 191; DING HOU, Fl. Males. I 8² (1977) 439; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 37; KENG, Conc. Fl. Sing. (1990) 124.
- 258 ***Mangifera odorata*** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; RIDLEY, Fl. Mal. Pen. 1 (1922) 524; BURKILL, Dict. (1935) 1407; CORNER, Ways. Trees 1st ed. (1940) 111; DING HOU, Fl. Males. I 8² (1977) 437; CORNER, Ways. Trees, 3rd ed. (1988) 120; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 37; KENG, Conc. Fl. Sing. (1990) 124.
- 259 ***Melanochyla auriculata*** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68; RIDLEY, Fl. Mal. Pen. 1 (1922) 540; BURKILL, Dict. (1935) 1434; CORNER, Ways. Trees 1st ed. (1940) 119; DING HOU, Fl. Males. I 8² (1977) 495; CORNER, Ways. Trees, 3rd ed. (1988) 128; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 41; KENG, Conc. Fl. Sing. (1990) 124.
- 260 ***Melanochyla bracteata*** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 540; DING HOU, Fl. Males. I 8² (1977) 496; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 42.
- 261 ***Melanochyla caesia*** (BL.) DING HOU; DING HOU, Fl. Males. I 8² (1977) 498; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 42; — *M. maingayi* HOOK. f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 540; BURKILL, Dict. (1935) 1434; — *M. kunstleri* HOOK. f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 539; DING HOU, Fl. Males. I 8² (1977) 499; KENG, Conc. Fl. Sing. (1990) 124; — *M. tomentosa* var. *glabrescens* K. & V.; RIDLEY, Fl. Mal. Pen. 1 (1922) 539.

- 262 **Parishia insignis** HOOK. f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 536; BURKILL, Dict. (1935) 1668; CORNER, Ways. Trees 1st ed. (1940) 112; DING HOU, Fl. Males. I 8² (1977) 545; CORNER, Ways. Trees, 3rd ed. (1988) 121; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 45; KENG, Conc. Fl. Sing. (1990) 124; — *P. pubescens* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68; RIDLEY, Fl. Mal. Pen. 1 (1922) 535; CORNER, Ways. Trees 1st ed. (1940) 113; CORNER, Ways. Trees, 3rd ed. (1988) 122.
- 263 **Parishia maingayi** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68; RIDLEY, Fl. Mal. Pen. 1 (1922) 535; CORNER, Ways. Trees 1st ed. (1940) 112; DING HOU, Fl. Males. I 8² (1977) 543; CORNER, Ways. Trees, 3rd ed. (1988) 122; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 45.
- 264 **Parishia paucijuga** ENGL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68; RIDLEY, Fl. Mal. Pen. 1 (1922) 536; CORNER, Ways. Trees 1st ed. (1940) 113; DING HOU, Fl. Males. I 8² (1977) 544; CORNER, Ways. Trees, 3rd ed. (1988) 122; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 46; KENG, Conc. Fl. Sing. (1990) 124.
- 265 **Swintonia schwenkii** (T. & B.) T. & B.; RIDLEY, Fl. Mal. Pen. 1 (1922) 532; DING HOU, Fl. Males. I 8² (1977) 443; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 57; KENG, Conc. Fl. Sing. (1990) 124.

ANCISTROCLADACEAE

- 266 **Ancistrocladus tectorius** (LOUR.) MERR.; VAN STEENIS, Fl. Males. I 4¹ (1948) 9; KENG, Conc. Fl. Sing. (1990) 53; — *A. pinangianus* (WALL.) PLANCH.; RIDLEY, Fl. Mal. Pen. 1 (1922) 251; — *A. extensus* (WALL.) PLANCH.; BURKILL, Dict. (1935) 155.

ANNONACEAE

- 267 **Alphonsea maingayi** HOOK. f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 98; SINCLAIR, Gard. Bull. Sing. 14 (1955) 384; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 67; KENG, Conc. Fl. Sing. (1990) 11.
- 268a **Anaxagorea javanica** BL. *var. javanica*; CORNER, Ways. Trees 1st ed. (1940) 129; SINCLAIR, Gard. Bull. Sing. 14 (1955) 347; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 68; MAAS & WESTRA, Bot. Jahrb. Syst. 105 (1985) 182; CORNER, Ways. Trees, 3rd ed. (1988) 138; KENG, Conc. Fl. Sing. (1990) 11.
- 268b **Anaxagorea javanica** *var. dipetala* CORNER; MAAS & WESTRA, Bot. Jahrb. Syst. 105 (1985) 184.
- 269 **Artabotrys costatus** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 43; SINCLAIR, Gard. Bull. Sing. 14 (1955) 255; KENG, Conc. Fl. Sing. (1990) 11.
- 270 **Artabotrys crassifolius** HOOK. f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 40; SINCLAIR, Gard. Bull. Sing. 14 (1955) 249; KENG, Conc. Fl. Sing. (1990) 11.
- 271 **Artabotrys maingayi** HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 42; SINCLAIR, Gard. Bull. Sing. 14 (1955) 259; KENG, Conc. Fl. Sing. (1990) 11.

- 272 **Artabotrys suaveolens** (BL.) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 42; SINCLAIR, Gard. Bull. Sing. 14 (1955) 256; KENG, Conc. Fl. Sing. (1990) 11.
- 273 **Artabotrys wrayi** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 40; SINCLAIR, Gard. Bull. Sing. 14 (1955) 248; KENG, Conc. Fl. Sing. (1990) 12.
- 274 **Cyathocalyx ramuliflorus** (MAINGAY *ex* HOOK. *f.* & THOMS.) SCHEFF.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 243; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 71; CORNER, Ways. Trees, 3rd ed. (1988) 143; KENG, Conc. Fl. Sing. (1990) 13; — *Drepananthus ramuliflorus* MAINGAY *ex* HOOK. *f.* & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 38; — *Drepananthus pruniferus* [*non* MAINGAY *ex* HOOK. *f.* & THOMS.] RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39.
- 275 **Cyathocalyx ridleyi** (KING) SINCLAIR; SINCLAIR, Gard. Bull. Sing. 14 (1955) 237; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 71; KENG, Conc. Fl. Sing. (1990) 13; — *Xylopia ridleyi* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 95.
- 276 **Cyathocalyx sumatranus** SCHEFF.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 236; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 71; KENG, Conc. Fl. Sing. (1990) 13; — *Xylopia curtisii* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 90.
- ? 277 **Cyathostemma excelsum** (HOOK. *f.* & THOMS.) SINCLAIR; SINCLAIR, Gard. Bull. Sing. 14 (1955) 226; — *Uvaria excelsa* WALL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 34.
- One Singapore sheet with no other information.
- 278 **Cyathostemma hookeri** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 38; RIDLEY, Fl. Mal. Pen. 1 (1922) 28; SINCLAIR, Gard. Bull. Sing. 14 (1955) 223; KENG, Conc. Fl. Sing. (1990) 12.
- 279 **Cyathostemma viridiflorum** GRIFF.; RIDLEY, Fl. Mal. Pen. 1 (1922) 27; SINCLAIR, Gard. Bull. Sing. 14 (1955) 221; KENG, Conc. Fl. Sing. (1990) 12; — *C. scortechinii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 38.
- ? 280 **Desmos chinensis** LOUR.; RIDLEY, Fl. Mal. Pen. 1 (1922) 46; SINCLAIR, Gard. Bull. Sing. 14 (1955) 266; KENG, Conc. Fl. Sing. (1990) 12; — *Unona discolor* VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39.
- Doubtfully wild in Singapore.
- 281 **Desmos dasymaschala** (BL.) SAFFORD; RIDLEY, Fl. Mal. Pen. 1 (1922) 46; SINCLAIR, Gard. Bull. Sing. 14 (1955) 269; KENG, Conc. Fl. Sing. (1990) 12; — *Unona dasymaschala* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39.
- 282 **Desmos dumosus** (ROXB.) SAFFORD; RIDLEY, Fl. Mal. Pen. 1 (1922) 46; SINCLAIR, Gard. Bull. Sing. 14 (1955) 268; KENG, Conc. Fl. Sing. (1990) 12; — *Unona dumosa* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39.
- 283 **Ellipeia cuneifolia** HOOK. *f.* & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 35; SINCLAIR, Gard. Bull. Sing. 14 (1955) 230; KENG, Conc. Fl. Sing. (1990) 12.

- 284 **Fissistigma fulgens** (HOOK. f. & THOMS.) MERR.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 353; KENG, Conc. Fl. Sing. (1990) 12; — *Melodorum fulgens* HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 83.
- 285 **Fissistigma lanuginosum** (HOOK. f. & THOMS.) MERR.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 357; KENG, Conc. Fl. Sing. (1990) 12; — *Melodorum lanuginosum* HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 86.
- 286 **Fissistigma latifolium** (DUNAL) MERR. var. **ovoideum** (KING) SINCLAIR; SINCLAIR, Gard. Bull. Sing. 14 (1955) 359; KENG, Conc. Fl. Sing. (1990) 12; — *Melodorum latifolium* (DUNAL) HOOK. f. & THOMS. var. *ovoideum* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 85.
- 287 **Fissistigma manubriatum** (HOOK. f. & THOMS.) MERR.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 355; — *Melodorum manubriatum* HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 84.
- 288 **Friesodielsia biglandulosa** (BL.) STEENIS, Blumea 12 (1964) 358; KENG, Conc. Fl. Sing. (1990) 12; — *Oxymitra biglandulosa* (BL.) SCHEFF.; RIDLEY, Fl. Mal. Pen. 1 (1922) 81; SINCLAIR, Gard. Bull. Sing. 14 (1955) 459.
- 289 **Friesodielsia borneensis** (MIQ.) STEENIS, Blumea 12 (1964) 358; — *Oxymitra borneensis* MIQ. var. *sumatrana* MIQ.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 458.
- ? 290 **Friesodielsia calycina** (KING) STEENIS, Blumea 12 (1964) 358; — *Oxymitra calycina* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 81; SINCLAIR, Gard. Bull. Sing. 14 (1955) 451.
- One doubtful specimen.
- 291 **Friesodielsia excisa** (MIQ.) STEENIS, Blumea 12 (1964) 359; — *Oxymitra calycina* MIQ.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 452.
- 292 **Friesodielsia glauca** (HOOK. f. & THOMS.) STEENIS, Blumea 12 (1964) 359; KENG, Conc. Fl. Sing. (1990) 12; — *Oxymitra glauca* HOOK. f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 82; SINCLAIR, Gard. Bull. Sing. 14 (1955) 460.
- 293 **Friesodielsia latifolia** (HOOK. f. & THOMS.) STEENIS, Blumea 12 (1964) 360; KENG, Conc. Fl. Sing. (1990) 12; — *Oxymitra latifolia* HOOK. f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 81; SINCLAIR, Gard. Bull. Sing. 14 (1955) 456.
- 294 **Goniothalamus macrophyllus** (BL.) HOOK. f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 66; SINCLAIR, Gard. Bull. Sing. 14 (1955) 446; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 76; MAXWELL, Gard. Bull. Sing. 36 (1983) 229; KENG, Conc. Fl. Sing. (1990) 13.
- 295 **Goniothalamus malayanus** HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 66; SINCLAIR, Gard. Bull. Sing. 14 (1955) 432; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 75; KENG, Conc. Fl. Sing. (1990) 13.

- 296 **Goniothalamus ridleyi** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 68; SINCLAIR, Gard. Bull. Sing. 14 (1955) 437; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 76; KENG, Conc. Fl. Sing. (1990) 13.
- 297 **Goniothalamus tapis** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 67; SINCLAIR, Gard. Bull. Sing. 14 (1955) 444; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 76; CORNER, Ways. Trees, 3rd ed. (1988) 144; KENG, Conc. Fl. Sing. (1990) 13.
- ? 298 **Melodorum aberrans** (MAING. *ex* HOOK. *f.* & THOMS.) SINCLAIR; SINCLAIR, Gard. Bull. Sing. 14 (1955) 369.
- One poorly localised specimen.
- 299 **Meiogyne virgata** (BL.) MIQ.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 277; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 77; KENG, Conc. Fl. Sing. (1990) 13; — *Cyathocalyx virgatus* (BL.) KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 36.
- 300 **Mezzettia parviflora** BECC.; VAN DER HEIJDEN & KESSLER, Blumea 35 (1990) 222; — *M. leptopoda* (HOOK. *f.* & THOMS.) OLIV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 42; RIDLEY, Fl. Mal. Pen. 1 (1922) 100; SINCLAIR, Gard. Bull. Sing. 14 (1955) 327; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 78; KENG, Conc. Fl. Sing. (1990) 13; — *M. curtisii* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 101; SINCLAIR, Gard. Bull. Sing. 14 (1955) 328; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 78.
- 301 **Miliusa longipes** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 96; SINCLAIR, Gard. Bull. Sing. 14 (1955) 379; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 79; KENG, Conc. Fl. Sing. (1990) 13.
- 302 **Mitrella kentii** (BL.) MIQ.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 365; KENG, Conc. Fl. Sing. (1990) 13; — *Melodorum pisocarpum* HOOK. *f.* & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 88; — *Melodorum elegans* HOOK. *f.* & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 88.
- ? 303 **Monocarpia marginalis** (SCHEFF.) SINCLAIR; SINCLAIR, Gard. Bull. Sing. 14 (1955) 273; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 80; KENG, Conc. Fl. Sing. (1990) 13; — *Cyathocalyx maingayi* HOOK. *f.* THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 37.
- Sinclair (*loc. cit.*) says not recorded from Singapore.
- 304 **Orophea hastata** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 71; SINCLAIR, Gard. Bull. Sing. 14 (1955) 397; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 83.
- 305 **Phaeanthus ophthalmicus** (ROXB. *ex* G. DON) SINCLAIR; SINCLAIR, Gard. Bull. Sing. 14 (1955) 374; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 84; KENG, Conc. Fl. Sing. (1990) 13; — *P. nutans* HOOK. *f.* & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 95.

- 306 ***Polyalthia angustissima*** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 53; SINCLAIR, Gard. Bull. Sing. 14 (1955) 286; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 86; KENG, Conc. Fl. Sing. (1990) 13.
- ? 307 ***Polyalthia bullata*** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 55; SINCLAIR, Gard. Bull. Sing. 14 (1955) 300; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 86.
- One doubtful specimen.
- 308 ***Polyalthia cauliflora*** HOOK. f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 53; SINCLAIR, Gard. Bull. Sing. 14 (1955) 292; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 86; KENG, Conc. Fl. Sing. (1990) 13; — *Unona desmantha* HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; — *P. beccarii* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 50; — *P. desmantha* (HOOK. f. & THOMS.) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 49; — *P. pycnantha* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 51.
- According to Sinclair (*loc. cit.* p. 295) all specimens from Singapore are *var. cauliflora* except one intermediate to *var. beccarii*
- 309 ***Polyalthia clavigera*** KING; SINCLAIR, Gard. Bull. Sing. 14 (1955) 318; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 87; KENG, Conc. Fl. Sing. (1990) 14; — *P. glomerata* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 59.
- 310 ***Polyalthia glauca*** (HASSK.) MUELL.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 321; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 88; ROGSTAD, J. Arn. Arb. 70 (1989) 209; KENG, Conc. Fl. Sing. (1990) 13.
- 311 ***Polyalthia hookeriana*** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 58; SINCLAIR, Gard. Bull. Sing. 14 (1955) 312; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 87; KENG, Conc. Fl. Sing. (1990) 13.
- 312 ***Polyalthia hypoleuca*** HOOK. f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 53; SINCLAIR, Gard. Bull. Sing. 14 (1955) 320; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 88; ROGSTAD, J. Arn. Arb. 70 (1989) 227; KENG, Conc. Fl. Sing. (1990) 13.
- 313 ***Polyalthia jenkinsii*** (H. & T.) HOOK. f. & THOMS.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 305; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 88; KENG, Conc. Fl. Sing. (1990) 13.
- 314 ***Polyalthia lateriflora*** (BL.) KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 59; SINCLAIR, Gard. Bull. Sing. 14 (1955) 310; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 88; KENG, Conc. Fl. Sing. (1990) 13.
- 315 ***Polyalthia macropoda*** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 60; SINCLAIR, Gard. Bull. Sing. 14 (1955) 316; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 87; KENG, Conc. Fl. Sing. (1990) 14.
- 316 ***Polyalthia rumphii*** MERR.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 306; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 89; KENG, Conc. Fl. Sing. (1990) 14; — *P. scortechinii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 56.

- 317 ***Polyalthia sclerophylla*** HOOK.f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 58; SINCLAIR, Gard. Bull. Sing. 14 (1955) 311; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 87; KENG, Conc. Fl. Sing. (1990) 14.
- 318 ***Polyalthia sumatrana*** (MIQ.) KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 52; SINCLAIR, Gard. Bull. Sing. 14 (1955) 319; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 91; ROGSTAD, J. Arn. Arb. 70 (1989) 220; KENG, Conc. Fl. Sing. (1990) 14.
- 319 ***Popowia fusca*** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 76; SINCLAIR, Gard. Bull. Sing. 14 (1955) 471; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 92; KENG, Conc. Fl. Sing. (1990) 14.
- 320 ***Popowia pisocarpa*** (BL.) ENDL.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 468; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 91; KENG, Conc. Fl. Sing. (1990) 14; — *P. ramosissima* HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 75.
- 321 ***Popowia tomentosa*** MAING. ex HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 40; RIDLEY, Fl. Mal. Pen. 1 (1922) 77; SINCLAIR, Gard. Bull. Sing. 14 (1955) 474; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 92; KENG, Conc. Fl. Sing. (1990) 14.
- 322 ***Pyramidanthe prismatica*** (HOOK.f. & THOMS.) MERR.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 362; KENG, Conc. Fl. Sing. (1990) 14; VAN SETTEN & MAAS, Taxon 39 (1990) 686; — *Melodorum prismaticum* HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 87; — *Melodorum cylindricum* HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 84.
- 323 ***Trivalvaria macrophylla*** (BL.) MIQ.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 196; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 94; — *Popowia nervifolia* MAING. ex HOOK.f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 77.
- 324 ***Uvaria cordata*** (DUNAL) ALSTON; SINCLAIR, Gard. Bull. Sing. 14 (1955) 207; KENG, Conc. Fl. Sing. (1990) 14; — *U. macrophylla* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 30.
- 325 ***Uvaria curtisii*** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 32; SINCLAIR, Gard. Bull. Sing. 14 (1955) 206; KENG, Conc. Fl. Sing. (1990) 14.
- 326 ***Uvaria grandiflora*** ROXB.; SINCLAIR, Gard. Bull. Sing. 14 (1955) 202; KENG, Conc. Fl. Sing. (1990) 14; — *U. purpurea* BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 31.
- 327 ***Uvaria hirsuta*** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 31; SINCLAIR, Gard. Bull. Sing. 14 (1955) 203; KENG, Conc. Fl. Sing. (1990) 14.
- 328 ***Uvaria leptopoda*** (KING) R.E. FRIES; SINCLAIR, Gard. Bull. Sing. 14 (1955) 212; KENG, Conc. Fl. Sing. (1990) 14; — *U. ridleyi* (non KING) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 32.

- 329 **Uvaria lobbiana** HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 30; SINCLAIR, Gard. Bull. Sing. 14 (1955) 208; KENG, Conc. Fl. Sing. (1990) 14; — *U. subrepanda* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 39; RIDLEY, Fl. Mal. Pen. 1 (1922) 34.
- 330 **Uvaria pauci-ovulata** HOOK.f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 32; SINCLAIR, Gard. Bull. Sing. 14 (1955) 217; KENG, Conc. Fl. Sing. (1990) 14.
- 331 **Xylopia caudata** HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 93; SINCLAIR, Gard. Bull. Sing. 14 (1955) 339; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 95; KENG, Conc. Fl. Sing. (1990) 14.
- 332a **Xylopia ferruginea** (HOOK.f. & THOMS.) HOOK.f. & THOMS. var. **ferruginea**; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 93; CORNER, Ways. Trees 1st ed. (1940) 136; SINCLAIR, Gard. Bull. Sing. 14 (1955) 343; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 95; CORNER, Ways. Trees, 3rd ed. (1988) 146; KENG, Conc. Fl. Sing. (1990) 14.
- 332b **Xylopia ferruginea** var. **oxyantha** (HOOK.f. & THOMS.) SINCLAIR; SINCLAIR, Gard. Bull. Sing. 14 (1955) 345; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 96; — *X. oxyantha* HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 90.
- 333 **Xylopia fusca** MAING. ex HOOK.f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 92; SINCLAIR, Gard. Bull. Sing. 14 (1955) 337; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 96.
- 334 **Xylopia magna** MAING. ex HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 93; SINCLAIR, Gard. Bull. Sing. 14 (1955) 338; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 97; KENG, Conc. Fl. Sing. (1990) 14.
- 335 **Xylopia malayana** HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, Fl. Mal. Pen. 1 (1922) 91; SINCLAIR, Gard. Bull. Sing. 14 (1955) 340; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 98; KENG, Conc. Fl. Sing. (1990) 14; — *X. dicarpa* HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 41; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 91, p.p..

APOCYNACEAE

- 336 **Alstonia angustifolia** WALL. ex A. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 110; RIDLEY, Fl. Mal. Pen. 2 (1923) 348; CORNER, Ways. Trees 1st ed. (1940) 141; WHITMORE, Tree Fl. Malaya 2 (1973) 8; CORNER, Ways. Trees, 3rd ed. (1988) 151; KENG, Conc. Fl. Sing. (1990) 143.
- 337 **Alstonia angustiloba** MIQ.; RIDLEY, Fl. Mal. Pen. 2 (1923) 347; WHITMORE, Tree Fl. Malaya 2 (1973) 9; CORNER, Ways. Trees, 3rd ed. (1988) 151; KENG, Conc. Fl. Sing. (1990) 143; — *A. scholaris* [non (L.) R.Br.] RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 110.

- 338 **Alstonia spatulata** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 110 ("spathulata"); RIDLEY, Fl. Mal. Pen. 2 (1923) 346; BURKILL, Dict. (1935) 116; CORNER, Ways. Trees 1st ed. (1940) 142; SINCLAIR, Gard. Bull. Sing. 15 (1956) 29; WHITMORE, Tree Fl. Malaya 2 (1973) 12; CORNER, Ways. Trees, 3rd ed. (1988) 152; KENG, Conc. Fl. Sing. (1990) 143.
- 339 **Alyxia pilosa** MIQ.; RIDLEY, Fl. Mal. Pen. 2 (1923) 332; MARKGRAF, Blumea 23 (1977) 382.
- 340a **Alyxia reinwardtii** BL. var. **lucida** (WALL.) MARKGRAF; MARKGRAF, Blumea 23 (1977) 389; KENG, Conc. Fl. Sing. (1990) 143; — *A. lucida* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109; RIDLEY, Fl. Mal. Pen. 2 (1923) 332; HENDERSON, Mal. Wild Fl. Dic. (1959) 279.
- 340b **Alyxia reinwardtii** var. **meiantha** (STAPF) MARKGRAF; MARKGRAF, Blumea 23 (1977) 389; — *A. forbesii* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 334.
- 341 **Anodendron candolleianum** WIGHT; RIDLEY, Fl. Mal. Pen. 2 (1923) 362; KENG, Conc. Fl. Sing. (1990) 143.
- A 342 **Catharanthus roseus** (L.) G. DON; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 144; — *Vinca rosea* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 110; — *Lochnera rosea* L. RCHB. ex STEUD.; HENDERSON, Mal. Wild Fl. Dic. (1959) 281.
- 343 **Cerbera manghas** L.; WHITMORE, Tree Fl. Malaya 2 (1973) 12; CORNER, Ways. Trees, 3rd ed. (1988) 153; KENG, Conc. Fl. Sing. (1990) 144; — *C. lactaria* HAM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109; RIDLEY, Fl. Mal. Pen. 2 (1923) 339.
- 344 **Cerbera odollam** GAERTN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109; RIDLEY, Fl. Mal. Pen. 2 (1923) 339; CORNER, Ways. Trees 1st ed. (1940) 144; WHITMORE, Tree Fl. Malaya 2 (1973) 12; CORNER, Ways. Trees, 3rd ed. (1988) 153; KENG, Conc. Fl. Sing. (1990) 144.
- 345 **Chilocarpus vernicosus** BL.; MARKGRAF, Blumea 19 (1971) 161.
- 346 **Dyera costulata** (MIQ.) HOOK. f.; RIDLEY, Fl. Mal. Pen. 2 (1923) 345; BURKILL, Dict. (1935) 513; CORNER, Ways. Trees 1st ed. (1940) 143; WHITMORE, Tree Fl. Malaya 2 (1973) 13; CORNER, Ways. Trees, 3rd ed. (1988) 154; KENG, Conc. Fl. Sing. (1990) 144; — *D. laxiflora* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 110; RIDLEY, Fl. Mal. Pen. 2 (1923) 345.
- 347 **Epigynum forbesii** KING & GAMBLE; MAXWELL, Gard. Bull. Sing. 35 (1983) 192.
- 348 **Kopsia singapurensis** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 336; WHITMORE, Tree Fl. Malaya 2 (1973) 19; MARKGRAF, Blumea 20 (1972) 409; KENG, Conc. Fl. Sing. (1990) 144; — *K. macrophylla* (non HOOK. f.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 110.

Type of *Kopsia macrophylla* HOOK. f. is a Lobb collection reportedly from Singapore but probably actually from Penang.

- 349 **Leuconotis griffithii** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109; RIDLEY, Fl. Mal. Pen. 2 (1923) 329; KENG, Conc. Fl. Sing. (1990) 144.
- 350 **Leuconotis maingayi** DYER *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109; RIDLEY, Fl. Mal. Pen. 2 (1923) 329; KENG, Conc. Fl. Sing. (1990) 144.
- 351 **Melodinus micranthus** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109; RIDLEY, Fl. Mal. Pen. 2 (1923) 331; KENG, Conc. Fl. Sing. (1990) 144.
- 352 **Neisosperma oppositifolium** (LAMK.) FOSB. & SACH.; MARKGRAF, Blumea 25 (1979) 243; — *Ochrosia borbonica* auct. non GMEL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 340; — *Ochrosia oppositifolia* (LAMK.) K. SCHUM.; BURKILL, Dict. (1935) 1597; CORNER, Ways. Trees 1st ed. (1940) 147; WHITMORE, Tree Fl. Malaya 2 (1973) 20; LEEUWENBERG, Agric. Univ. Wageningen Papers 87-5 (1987) 51; CORNER, Ways. Trees, 3rd ed. (1988) 157; KENG, Conc. Fl. Sing. (1990) 145.
- 353 **Parameria glandulifera** BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 358; KENG, Conc. Fl. Sing. (1990) 145.
- 354 **Parameria polyneura** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 359; KENG, Conc. Fl. Sing. (1990) 145.
- 355 **Parsonsia helicandra** HOOK. & ARN.; HENDERSON, Mal. Wild Fl. Dic. (1959) 280; KENG, Conc. Fl. Sing. (1990) 145; — *P. spiralis* WALL. *ex* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 110; RIDLEY, Fl. Mal. Pen. 2 (1923) 350.
- 356 **Strophanthus caudatus** (L.) KURZ; BEENTJE, Meded. Landbouwhogeschool Wageningen 82-4 (1982) 54; — *S. dichotomus* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 356; KENG, Conc. Fl. Sing. (1990) 145.
- 357 **Strophanthus singaporianus** (WALL. *ex* G. DON) GILG; BEENTJE, Meded. Landbouwhogeschool Wageningen 82-4 (1982) 139; — *S. brevicaudatus* WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 354; KENG, Conc. Fl. Sing. (1990) 145.
- 358 **Tabernaemontana corymbosa** ROXB. *ex* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 110; WHITMORE, Tree Fl. Malaya 2 (1973) 23; LEEUWENBERG, Agric. Univ. Wageningen Papers 87-5 (1987) 5; CORNER, Ways. Trees, 3rd ed. (1988) 161; KENG, Conc. Fl. Sing. (1990) 145; — *T. hirta* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 110; — *Ervatamia corymbosa* (ROXB. *ex* WALL.) K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 341; — *Ervatamia jasminiflora* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 342.
- 359 **Tabernaemontana pauciflora** BL.; LEEUWENBERG, Agric. Univ. Wageningen Papers 87-5 (1987) 20; — *T. malaccensis* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 110; HENDERSON, Mal. Wild Fl. Dic. (1959) 282; WHITMORE, Tree Fl. Malaya 2 (1973) 23; CORNER, Ways. Trees, 3rd ed. (1988) 161; KENG, Conc. Fl. Sing. (1990) 145; — *Ervatamia malaccensis* (HOOK. *f.*) K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 343.
- 360 **Urceola brachysepala** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 357; KENG, Conc. Fl. Sing. (1990) 146.

- 361 **Urceola lucida** (DC.) HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 358; KENG, Conc. Fl. Sing. (1990) 146.
- 362 **Urceola maingayi** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 357; KENG, Conc. Fl. Sing. (1990) 146.
- 363 **Urceola malaccensis** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 357; KENG, Conc. Fl. Sing. (1990) 146.
- 364 **Urceola torulosa** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 358; KENG, Conc. Fl. Sing. (1990) 146.
- 365 **Urnularia flavescens** (HOOK. *f.*) STAPF; MARKGRAF, Blumea 20 (1972) 409; — *Willughbeia flavescens* DYER *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109, *p.p.*; RIDLEY, Fl. Mal. Pen. 2 (1923) 325 (*excl. var. rufescens*); — *W. apiculata* MIQ.; KENG, Conc. Fl. Sing. (1990) 146, *p.p.*
- 366 **Urnularia rufescens** (HOOK. *f.*) STAPF *ex* S. MOORE; MARKGRAF, Blumea 20 (1972) 409; — *Willughbeia flavescens* DYER *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109, *p.p.*; — *Willughbeia flavescens* DYER *ex* HOOK. *f. var. rufescens* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 325; — *W. apiculata* MIQ.; KENG, Conc. Fl. Sing. (1990) 146, *p.p.*
- 367 **Willughbeia angustifolia** (MIQ.) MARKGRAF; MARKGRAF, Blumea 20 (1972) 414; — *W. sp.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109; — *W. apiculata* MIQ.; KENG, Conc. Fl. Sing. (1990) 146, *p.p.*
- 368 **Willughbeia coriacea** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 108; RIDLEY, Fl. Mal. Pen. 2 (1923) 323; MARKGRAF, Blumea 20 (1972) 412; KENG, Conc. Fl. Sing. (1990) 146; — *W. firma* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 108; RIDLEY, Fl. Mal. Pen. 2 (1923) 323.
- 369 **Willughbeia dulcis** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 325; BURKILL, Dict. (1935) 2301; MARKGRAF, Blumea 20 (1972) 414.
- 370 **Willughbeia grandiflora** DYER *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109; RIDLEY, Fl. Mal. Pen. 2 (1923) 322; MARKGRAF, Blumea 20 (1972) 411.
- 371 **Willughbeia tenuiflora** DYER *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 109; RIDLEY, Fl. Mal. Pen. 2 (1923) 325; MARKGRAF, Blumea 20 (1972) 413; KENG, Conc. Fl. Sing. (1990) 146.
- 372 **Wrightia laevis** HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 2 (1923) 353; NGAN, Ann. Miss. Bot. Gard. 52 (1965) 136; WHITMORE, Tree Fl. Malaya 2 (1973) 24.

AQUIFOLIACEAE

- 373 **Ilex cymosa** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 62; RIDLEY, Fl. Mal. Pen. 1 (1922) 442; CORNER, Ways. Trees 1st ed. (1940) 328; KIEW, Tree Fl. Malaya 3 (1978) 3; CORNER, Ways. Trees, 3rd ed. (1988) 163; KENG, Conc. Fl. Sing. (1990) 114.

- 374 ***Ilex macrophylla*** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 62; RIDLEY, Fl. Mal. Pen. 1 (1922) 442; CORNER, Ways. Trees 1st ed. (1940) 329; KIEW, Tree Fl. Malaya 3 (1978) 8; CORNER, Ways. Trees, 3rd ed. (1988) 164; KENG, Conc. Fl. Sing. (1990) 114; — *I. venulosa* HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 1 (1922) 442.
- 375 ***Ilex maingayi*** HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 1 (1922) 440; CORNER, Ways. Trees 1st ed. (1940) 329; KIEW, Tree Fl. Malaya 3 (1978) 8; CORNER, Ways. Trees, 3rd ed. (1988) 164; KENG, Conc. Fl. Sing. (1990) 114.

ARACEAE

- 376 ***Aglaodorum griffithii*** (SCHOTT) SCHOTT; NICOLSON, Smithsonian Contrb. Bot. 1 (1969) 61; — *Aglaonema griffithii* SCHOTT; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 19; RIDLEY, Fl. Mal. Pen. 5 (1925) 100; HENDERSON, Mal. Wild Fl. Monoc. (1954) 227.
- 377 ***Aglaonema nebulosum*** N.E. BROWN; NICOLSON, Smithsonian Contrb. Bot. 1 (1969) 31; — *A. minus* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 1; — *A. pictum* [non (ROXB.) KUNTH] RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 102, HENDERSON, Mal. Wild Fl. Monoc. (1954) 228.
- 378 ***Aglaonema nitidum*** (JACK) KUNTH; NICOLSON, Smithsonian Contrb. Bot. 1 (1969) 34; — *A. oblongifolium* SCHOTT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 20; RIDLEY, Fl. Mal. Pen. 5 (1925) 100; HENDERSON, Mal. Wild Fl. Monoc. (1954) 228.
- 379 ***Aglaonema simplex*** BL.; NICOLSON, Smithsonian Contrb. Bot. 1 (1969) 39; — *A. nitidum* N.E. BROWN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; — *A. schottianum* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 20; RIDLEY, Fl. Mal. Pen. 5 (1925) 101; — *A. angustifolium* N.E. BROWN; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 20; RIDLEY, Fl. Mal. Pen. 5 (1925) 101; HENDERSON, Mal. Wild Fl. Monoc. (1954) 228.
- 380 ***Alocasia denudata*** ENGL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 17; RIDLEY, Fl. Mal. Pen. 5 (1925) 97; HENDERSON, Mal. Wild Fl. Monoc. (1954) 226.
- A 381 ***Alocasia macrorrhizos*** (L.) G. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 18; RIDLEY, Fl. Mal. Pen. 5 (1925) 99; HENDERSON, Mal. Wild Fl. Monoc. (1954) 226; HAY & WISE, Blumea 35 (1991) 532; — *A. indica* (LOUR.) KOCH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177.
- 382 ***Amorphophallus prainii*** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 13; RIDLEY, Fl. Mal. Pen. 5 (1925) 94.

- 383 **Amydrium medium** (Z. & M.) NICOLSON; NICOLSON, *Blumea* 16 (1968) 124; — *Anadendrum medium* (Z. & M.) SCHOTT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178; — *Raphidophora huegelii* SCHOTT; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 45 (“*huegeliana*”); — *Epipremnopsis media* (Z. & M.) ENGL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 120; HENDERSON, Mal. Wild Fl. Monoc. (1954) 236.
- 384 **Anadendrum montanum** (BL.) SCHOTT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 36; RIDLEY, Fl. Mal. Pen. 5 (1925) 115; HENDERSON, Mal. Wild Fl. Monoc. (1954) 234.
- 385 **Colocasias esculenta** (L.) SCHOTT; HENDERSON, Mal. Wild Fl. Monoc. (1954) 223; — *C. antiquorum* SCHOTT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 13; RIDLEY, Fl. Mal. Pen. 5 (1925) 94.
- 386 **Cryptocoryne ciliata** (ROXB.) FISCHER *ex* WYDLER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 4; RIDLEY, Fl. Mal. Pen. 5 (1925) 86; HENDERSON, Mal. Wild Fl. Monoc. (1954) 218.
- 387 **Cryptocoryne griffithii** SCHOTT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 5; RIDLEY, Fl. Mal. Pen. 5 (1925) 87.
- 388 **Cyrtosperma merkusii** (HASSK.) SCHOTT; HAY, *Blumea* 33 (1988) 430; — *C. lasioides* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 47; RIDLEY, Fl. Mal. Pen. 5 (1925) 127; HENDERSON, Mal. Wild Fl. Monoc. (1954) 242.
- 389 **Epipremnum giganteum** (ROXB.) SCHOTT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179; RIDLEY, Fl. Mal. Pen. 5 (1925) 119; HENDERSON, Mal. Wild Fl. Monoc. (1954) 235; — *Raphidophora gigantea* (ROXB.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 44.
- 390 **Epipremnum pinnatum** (L.) ENGL.; NICOLSON, Rev. Handb. Fl. Ceyl. 6 (1988) 32; — *Raphidophora caudata* SCHOTT; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 46; — *E. mirabile* SCHOTT; RIDLEY, Fl. Mal. Pen. 5 (1925) 119.
- 391 **Homalomena griffithii** (SCHOTT) HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 26; RIDLEY, Fl. Mal. Pen. 5 (1925) 106; HENDERSON, Mal. Wild Fl. Monoc. (1954) 230; — *H. ovata* (SCHOTT) ENGL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178; — *H. kingii* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178.
- 392 **Homalomena humilis** (JACK) HOOK. *f. var. pumila* (HOOK. *f.*) FURTADO; HOTTA, Diversity and Dynamics of Plant Life in Sumatra (1986) 88 (in Appendix); — *H. pumila* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 26; RIDLEY, Fl. Mal. Pen. 5 (1925) 104.
- 393 **Homalomena pendula** (BL.) BAKH. *f.*; HOTTA, Diversity and Dynamics of Plant Life in Sumatra (1986) 96 (in Appendix); — *H. coerulescens* JUNGH. *ex* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 24; RIDLEY, Fl. Mal. Pen. 5 (1925) 104.

- 394 **Homalomena rostrata** GRIFF.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 24; RIDLEY, Fl. Mal. Pen. 5 (1925) 103; HOTTA, Diversity and Dynamics of Plant Life in Sumatra (1986) 100 (in Appendix); — *H. paludosa* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178.
- 395 **Homalomena sagittifolia** JUNGH. ex SCHOTT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 23; RIDLEY, Fl. Mal. Pen. 5 (1925) 103.
- 396 **Lasia spinosa** (L.) THW.; HAY, Blumea 33 (1988) 459; — *L. heterophylla* (ROXB.) SCHOTT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179; — *L. aculeata* LOUR.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 46; RIDLEY, Fl. Mal. Pen. 5 (1925) 125; HENDERSON, Mal. Wild Fl. Monoc. (1954) 241.
- A 397 **Pistia stratiotes** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 177; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 3; RIDLEY, Fl. Mal. Pen. 5 (1925) 85; HENDERSON, Mal. Wild Fl. Monoc. (1954) 216.
- 398 **Pothos latifolius** HOOK. f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 49; RIDLEY, Fl. Mal. Pen. 5 (1925) 129; HENDERSON, Mal. Wild Fl. Monoc. (1954) 241; — *P. curtisii* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179.
- 399 **Rhaphidophora korthalsii** SCHOTT; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 45; RIDLEY, Fl. Mal. Pen. 5 (1925) 124; HENDERSON, Mal. Wild Fl. Monoc. (1954) 238.
- 400 **Rhaphidophora lobbii** SCHOTT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 41; RIDLEY, Fl. Mal. Pen. 5 (1925) 122; HENDERSON, Mal. Wild Fl. Monoc. (1954) 238.
- 401 **Rhaphidophora maingayi** HOOK. f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 43; RIDLEY, Fl. Mal. Pen. 5 (1925) 123.
- 402 **Rhaphidophora minor** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 41; RIDLEY, Fl. Mal. Pen. 5 (1925) 121.
- 403 **Rhaphidophora sylvestris** (BL.) ENGL. var. **montana** (BL.) NICOLSON
- 404 **Schismatoglottis calyptрата** (ROXB.) Z. & M.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 31; RIDLEY, Fl. Mal. Pen. 5 (1925) 111; HENDERSON, Mal. Wild Fl. Monoc. (1954) 231; — *S. longipes* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178.
- 405 **Schismatoglottis wallichii** (ROXB.) HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 33; RIDLEY, Fl. Mal. Pen. 5 (1925) 112; HENDERSON, Mal. Wild Fl. Monoc. (1954) 232.
- 406 **Scindapsus hederaceus** (Z. & M.) MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 38; RIDLEY, Fl. Mal. Pen. 5 (1925) 117; HENDERSON, Mal. Wild Fl. Monoc. (1954) 235.
- 407 **Scindapsus pictus** HASSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 178; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 37; RIDLEY, Fl. Mal. Pen. 5 (1925) 117.

- 408 **Typhonium flagelliforme** (LODD.) BL.; NICOLSON & SIVADASAN, *Blumea* 27 (1981) 489; — *T. cuspidatum* (BL.) BL.; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 11; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 91.
- 409 **Typhonium roxburghii** SCHOTT; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 177; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 10; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 90; NICOLSON & SIVADASAN, *Blumea* 27 (1981) 492.
- 410 **Typhonium trilobatum** (L.) SCHOTT; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 90; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 220; NICOLSON & SIVADASAN, *Blumea* 27 (1981) 488.

ARALIACEAE

- 411 **Arthrophyllum diversifolium** BL.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 89; STONE, *Tree Fl. Malaya* 3 (1978) 17; PHILIPSON, *Fl. Males.* 19¹ (1979) 60; CORNER, *Ways. Trees*, 3rd ed. (1988) 166; KENG, *Conc. Fl. Sing.* (1990) 131; — *A. ovalifolium* JUNGH. & DE VRIESE; (*A. ovalifolium* MIQ.) RIDLEY, *Fl. Mal. Pen.* 1 (1922) 885.
- 412 **Schefflera cephalotes** (CLARKE) HARMS; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 875; FRODIN, *Tree Fl. Malaya* 3 (1978) 31; KENG, *Conc. Fl. Sing.* (1990) 131; — *Heptapleurum cephalotes* CLARKE; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 89; — *S. capitellata* RIDL.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 876.
- 413 **Schefflera elliptica** (BL.) HARMS; FRODIN, *Tree Fl. Malaya* 3 (1978) 29; KENG, *Conc. Fl. Sing.* (1990) 131; — *S. micrantha* [non (CLARKE) GAMBLE] (MIQ.) RIDL.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 881; — *S. venulosa* [non (W. & A.) HARMS] RIDL.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 880 (*incl. var. curtisii* RIDL.); HENDERSON, *Mal. Wild Fl. Dic.* (1959) 179.
- 414 **Schefflera hullettii** (KING) VIGUIER; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 877; FRODIN, *Tree Fl. Malaya* 3 (1978) 32; KENG, *Conc. Fl. Sing.* (1990) 131; — *Heptapleurum hullettii* KING; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 89; — *S. elegans* (RIDL.) RIDL.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 878; — *S. scortechinii* (KING) VIGUIER; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 876.
- 415 **Schefflera lanceolata** RIDL.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 875; FRODIN, *Tree Fl. Malaya* 3 (1978) 28; KENG, *Conc. Fl. Sing.* (1990) 131; — *Heptapleurum avene* (non SEEMANN) KING; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 89.
- 416 **Schefflera oxyphylla** (MIQ.) VIGUIER; FRODIN, *Tree Fl. Malaya* 3 (1978) 35; KENG, *Conc. Fl. Sing.* (1990) 132; — *Heptapleurum subulatum* MIQ.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 89; — *S. subulata* (MIQ.) VIGUIER; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 878; HENDERSON, *Mal. Wild Fl. Dic.* (1959) 178; FRODIN, *Tree Fl. Malaya* 3 (1978) 30; — *S. subracemosa* (KING) VIGUIER; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 878; — *S. klossii* RIDL.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 876.
- 417 **Schefflera ridleyi** (KING) VIGUIER; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 879; HENDERSON, *Mal. Wild Fl. Dic.* (1959) 179; FRODIN, *Tree Fl. Malaya* 3 (1978) 29; KENG, *Conc. Fl. Sing.* (1990) 132; — *Heptapleurum ridleyi* KING; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 89.

- 418 **Trevesia burckii** BOERL.; STONE, Tree Fl. Malaya 3 (1978) 33, PHILIPSON, Fl. Males. I 9¹ (1979) 97; KENG, Conc. Fl. Sing. (1990) 132; — *T. cheirantha* (CLARKE) O.K.; RIDLEY, Fl. Mal. Pen. 1 (1922) 882; CORNER, Ways. Trees, 3rd ed. (1988) 170.

ARISTOLOCHIACEAE

- 419 **Aristolochia jackii** STEUD.; DING HOU, Fl. Males. I 10¹ (1984) 88; KENG, Conc. Fl. Sing. (1990) 55; — *A. unguifolia* MAST.; 126; RIDLEY, Fl. Mal. Pen. 3 (1924) 18; HENDERSON, Mal. Wild Fl. Dic. (1959) 422.
- 420 **Thottea dependens** (PLANCH.) KLOTSCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 127; RIDLEY, Fl. Mal. Pen. 3 (1924) 16; BURKILL, Dict. (1935) 2156; HENDERSON, Mal. Wild Fl. Dic. (1959) 424; DING HOU, Fl. Males. I 10¹ (1984) 71; KENG, Conc. Fl. Sing. (1990) 55.
- 421 **Thottea grandiflora** ROTTB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 127; RIDLEY, Fl. Mal. Pen. 3 (1924) 16; BURKILL, Dict. (1935) 2156; DING HOU, Fl. Males. I 10¹ (1984) 75; KENG, Conc. Fl. Sing. (1990) 55.

ASCLEPIADACEAE

- A 422 **Asclepias curassavica** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 379; HENDERSON, Mal. Wild Fl. Dic. (1959) 288; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 147.
- 423 **Cynanchum ovalifolium** WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 381; HENDERSON, Mal. Wild Fl. Dic. (1959) 293; KENG, Conc. Fl. Sing. (1990) 147.
- 424 **Dischidia albida** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 407; RINTZ, Blumea 26 (1980) 100.
- 425 **Dischidia albiflora** GRIFF.; RINTZ, Blumea 26 (1980) 94; KENG, Conc. Fl. Sing. (1990) 148; — *D. collyris* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 404.
- 426 **Dischidia bengalensis** COLEBR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 405; HENDERSON, Mal. Wild Fl. Dic. (1959) 300; RINTZ, Blumea 26 (1980) 97; KENG, Conc. Fl. Sing. (1990) 148.
- 427 **Dischidia cochleata** BL.; RINTZ, Blumea 26 (1980) 90; KENG, Conc. Fl. Sing. (1990) 148; — *D. coccinea* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 404; HENDERSON, Mal. Wild Fl. Dic. (1959) 301.
- 428 **Dischidia hirsuta** (BL.) DECNE.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 406; HENDERSON, Mal. Wild Fl. Dic. (1959) 302; RINTZ, Blumea 26 (1980) 94; KENG, Conc. Fl. Sing. (1990) 148.
- 429 **Dischidia major** (VAHL) MERR.; RINTZ, Blumea 26 (1980) 92; KENG, Conc. Fl. Sing. (1990) 148; — *D. rafflesiana* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 405; HENDERSON, Mal. Wild Fl. Dic. (1959) 300.

- 430 **Dischidia nummularia** R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RINTZ, Blumea 26 (1980) 98; KENG, Conc. Fl. Sing. (1990) 148; — *D. gaudichaudii* DECNE.; RIDLEY, Fl. Mal. Pen. 2 (1923) 406; HENDERSON, Mal. Wild Fl. Dic. (1959) 301.
- 431 **Dischidia singaporensis** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 407; RINTZ, Blumea 26 (1980) 92; KENG, Conc. Fl. Sing. (1990) 148.
- 432 **Finlaysonia obovata** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 89; RIDLEY, Fl. Mal. Pen. 2 (1923) 373; KENG, Conc. Fl. Sing. (1990) 148; — *F. maritima* (non BACKER ex HEYNE) HEYNE; HENDERSON, Mal. Wild Fl. Dic. (1959) 289.
- 433 **Genianthus maingayi** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 378; KENG, Conc. Fl. Sing. (1990) 148.
- 434 **Hoya campanulata** BL.; RINTZ, Malay. Nat. J. 30 (1978) 495; — *Physostelma wallichii* WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 411; HENDERSON, Mal. Wild Fl. Dic. (1959) 295; KENG, Conc. Fl. Sing. (1990) 149.
- 435 **Hoya coriacea** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 397; RINTZ, Malay. Nat. J. 30 (1978) 495; KENG, Conc. Fl. Sing. (1990) 148.
- 436 **Hoya coronaria** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 400; HENDERSON, Mal. Wild Fl. Dic. (1959) 298; RINTZ, Malay. Nat. J. 30 (1978) 505; KENG, Conc. Fl. Sing. (1990) 148.
- 437 **Hoya diversifolia** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 396; HENDERSON, Mal. Wild Fl. Dic. (1959) 298; RINTZ, Malay. Nat. J. 30 (1978) 517; KENG, Conc. Fl. Sing. (1990) 148.
- 438 **Hoya finlaysonii** WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 397; RINTZ, Malay. Nat. J. 30 (1978) 511; KENG, Conc. Fl. Sing. (1990) 148.
- 439 **Hoya lacunosa** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 395; RINTZ, Malay. Nat. J. 30 (1978) 490; KENG, Conc. Fl. Sing. (1990) 148.
- 440 **Hoya latifolia** G. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 395; HENDERSON, Mal. Wild Fl. Dic. (1959) 297; RINTZ, Malay. Nat. J. 30 (1978) 508; KENG, Conc. Fl. Sing. (1990) 148.
- 441 **Hoya obtusifolia** WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 399; RINTZ, Malay. Nat. J. 30 (1978) 520; KENG, Conc. Fl. Sing. (1990) 149.
- 442 **Hoya parasitica** (ROXB.) WALL. ex WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 396; RINTZ, Malay. Nat. J. 30 (1978) 514; KENG, Conc. Fl. Sing. (1990) 149; — *H. ridleyi* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 401; HENDERSON, Mal. Wild Fl. Dic. (1959) 299.

- 443 **Hoya revoluta** WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 113; RIDLEY, Fl. Mal. Pen. 2 (1923) 401.
- 444 **Sarcolobus globosus** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 382; HENDERSON, Mal. Wild Fl. Dic. (1959) 290; RINTZ, Blumea 26 (1980) 72; KENG, Conc. Fl. Sing. (1990) 149.
- 445 **Secamone elliptica** R. BR., FORSTER, Austrobaileya 3 (1989) 70; KLACKENBERG, Kew Bull. 47 (1992) 606; — *S. micrantha* (DECNE.) DECNE.; RIDLEY, Fl. Mal. Pen. 2 (1923) 375; HENDERSON, Mal. Wild Fl. Dic. (1959) 294.
- 446 **Stephanotis maingayi** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 389; KENG, Conc. Fl. Sing. (1990) 149.
- 447 **Toxocarpus griffithii** DECNE.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 111; RIDLEY, Fl. Mal. Pen. 2 (1923) 376; HENDERSON, Mal. Wild Fl. Dic. (1959) 292; KENG, Conc. Fl. Sing. (1990) 149.
- 448 **Tylophora indica** (BURM. f.) MERR.; HUBER, Rev. Handb. Fl. Ceyl. 4 (1983) 91; — *T. asthmatica* (ROXB.) W. & A.; RIDLEY, Fl. Mal. Pen. 2 (1923) 392; KENG, Conc. Fl. Sing. (1990) 149.
- 449 **Tylophora squarrosa** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 392; KENG, Conc. Fl. Sing. (1990) 149; — *T. wallichii* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 391.
- 450 **Tylophora tenuissima** (ROXB.) WIGHT & ARN. ex WIGHT; HUBER, Rev. Handb. Fl. Ceyl. 4 (1983) 96; — *T. tenuis* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 112; RIDLEY, Fl. Mal. Pen. 2 (1923) 391; HENDERSON, Mal. Wild Fl. Dic. (1959) 294; KENG, Conc. Fl. Sing. (1990) 149.

AVICENNIACEAE

- 451 **Avicennia alba** BL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 641; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 299; KENG, Conc. Fl. Sing. (1990) 192; DUKE, Aust. Syst. Bot. 4 (1991) 307.
- 452 **Avicennia marina** (FORSK.) VIERH.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 300; KENG, Conc. Fl. Sing. (1990) 192; DUKE, Aust. Syst. Bot. 4 (1991) 311; — *A. intermedia* GRIFF.; RIDLEY, Fl. Mal. Pen. 2 (1923) 641; — *A. spherocarpa* STAFF ex RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 642.
- 453 **Avicennia officinalis** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 124; RIDLEY, Fl. Mal. Pen. 2 (1923) 640; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 300; KENG, Conc. Fl. Sing. (1990) 192; DUKE, Aust. Syst. Bot. 4 (1991) 319.
- 454 **Avicennia rumphiana** HALL. f.; DUKE, Aust. Syst. Bot. 4 (1991) 321; — *A. lanata* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 641; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 300; KENG, Conc. Fl. Sing. (1990) 192.

BALSAMINACEAE

- A 455 **Hydrocera triflora** (L.) WIGHT & ARN.; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 128.

BIGNONIACEAE

- 456 **Deplanchea bancana** (SCHEFF.) STEEN.; VAN STEENIS, Fl. Males. I 8² (1977) 137; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 37; CORNER, Ways. Trees, 3rd ed. (1988) 175; KENG, Conc. Fl. Sing. (1990) 183; — *Diplanthera bancana* SCHEFF.; RIDLEY, Fl. Mal. Pen. 2 (1923) 552.
- 457 **Dolichandrone spathacea** (L.f.) K. SCHUM.; VAN STEENIS, Fl. Males. I 8² (1977) 142; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 39; CORNER, Ways. Trees, 3rd ed. (1988) 176; KENG, Conc. Fl. Sing. (1990) 183; — *D. rheedii* SEEM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 120; RIDLEY, Fl. Mal. Pen. 2 (1923) 549.
- 458 **Pajanelia longifolia** (WILLD.) K. SCHUM.; VAN STEENIS, Fl. Males. I 8² (1977) 163; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 40; CORNER, Ways. Trees, 3rd ed. (1988) 179; KENG, Conc. Fl. Sing. (1990) 183; — *P. multijuga* DC.; RIDLEY, Fl. Mal. Pen. 2 (1923) 549.
- 459 **Radermachera pinnata** (BLANCO) SEEM. *ssp. acuminata* (STEEN.) STEEN.; VAN STEENIS, Fl. Males. I 8² (1977) 154; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 42; CORNER, Ways. Trees, 3rd ed. (1988) 181; — *Stereospermum hypostictum* (non MIQ.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 120; — *R. amoena* [non (WALL.) SEEM.] GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 551; — *R. lobbii* (T. & B.) MIQ.; CORNER, Ways. Trees 1st ed. (1940) 168; — *R. gigantea* [non (BL.) MIQ.] BURK.; KENG, Conc. Fl. Sing. (1990) 184.
- A 460 **Spathodea campanulata** P. BEAUV.; VAN STEENIS, Fl. Males. I 8² (1977) 185; CORNER, Ways. Trees, 3rd ed. (1988) 182; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 184.
- 461 **Stereospermum personatum** (HASSK.) CHATTERJEE; VAN STEENIS, Fl. Males. I 8² (1977) 148; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 44; CORNER, Ways. Trees, 3rd ed. (1988) 184; KENG 184; — *S. chelonoides* [non (L.f.) DC.] DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 120; RIDLEY, Fl. Mal. Pen. 2 (1923) 550; CORNER, Ways. Trees 1st ed. (1940) 172; — *S. colais* (BUCH.-HAM. ex DILLWYN) MABBERLEY, Taxon 27 (1979) 553.

BOMBACACEAE

- 462 **Coelostegia griffithii** BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 52; RIDLEY, Fl. Mal. Pen. 1 (1922) 266; CORNER, Ways. Trees 1st ed. (1940) 436; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 106; CORNER, Ways. Trees, 3rd ed. (1988) 191; KENG, Conc. Fl. Sing. (1990) 91.
- 463 **Durio griffithii** (MAST.) BAKH.; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 110; CORNER, Ways. Trees, 3rd ed. (1988) 194; KENG, Conc. Fl. Sing. (1990) 91; — *Boschia griffithii* MAST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 52; RIDLEY, Fl. Mal. Pen. 1 (1922) 265.
- 464 **Durio singaporensis** RIDL.; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 113; CORNER, Ways. Trees, 3rd ed. (1988) 195; KENG, Conc. Fl. Sing. (1990) 91; — *D. oblongus* (non MAST.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 51; CORNER, Ways. Trees 1st ed. (1940) 438.

- 465 **Neesia altissima** (BL.) BL.; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 118; KENG, Conc. Fl. Sing. (1990) 91.
- 466 **Neesia malayana** BAKH.; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 118; KENG, Conc. Fl. Sing. (1990) 91.
- 467 **Neesia synandra** MAST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 51; RIDLEY, Fl. Mal. Pen. 1 (1922) 265; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 119; KENG, Conc. Fl. Sing. (1990) 91.

BONNETIACEAE

- 468 **Ploiarium alternifolium** (VAHL) MELCHIOR; KENG, Tree Fl. Malaya 3 (1978) 288; CORNER, Ways. Trees, 3rd ed. (1988) 724; KENG, Conc. Fl. Sing. (1990) 50; — *Archytaea vahlii* CHOISY; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 49; RIDLEY, Fl. Mal. Pen. 1 (1922) 208; CORNER, Ways. Trees, 2nd ed. (1952) 627.

BORAGINACEAE

- A 469 **Carmona retusa** (VAHL) MASAM.; NG, Tree Fl. Malaya 4 (1989) 59; KENG, Conc. Fl. Sing. (1990) 175; — *Ehretia buxifolia* ROXB.; RIDLEY, Fl. Mal. Pen. 2 (1923) 442.
- A 470 **Cordia cylindristachya** R. & S.; CORNER, Ways. Trees 1st ed. (1940) 176; HENDERSON, Mal. Wild Fl. Dic. (1959) 311; CORNER, Ways. Trees, 3rd ed. (1988) 198; CORLETT, J. Biogeog. (1988) 661; NG, Tree Fl. Malaya 4 (1989) 60; KENG, Conc. Fl. Sing. (1990) 175.
- 471 **Cordia dichotoma** FORSTER f.; CORNER, Ways. Trees, 3rd ed. (1988) 198; NG, Tree Fl. Malaya 4 (1989) 60; KENG, Conc. Fl. Sing. (1990) 175; — *C. myxa* (non L.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 115; — *C. obliqua* WILLD.; RIDLEY, Fl. Mal. Pen. 2 (1923) 439; — *C. griffithii* CLARKE; RIDLEY, Fl. Mal. Pen. 2 (1923) 439; CORNER, Ways. Trees, 3rd ed. (1988) 198; — *C. premnifolia* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 439.
- 472 **Cordia subcordata** LAMK.; RIDLEY, Fl. Mal. Pen. 2 (1923) 439; CORNER, Ways. Trees 1st ed. (1940) 175; SINCLAIR, Gard. Bull. Sing. 14 (1953) 33; CORNER, Ways. Trees, 3rd ed. (1988) 199; NG, Tree Fl. Malaya 4 (1989) 62; KENG, Conc. Fl. Sing. (1990) 175.
- 473 **Heliotropium indicum** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 115; RIDLEY, Fl. Mal. Pen. 2 (1923) 441; HENDERSON, Mal. Wild Fl. Dic. (1959) 310; NG, Tree Fl. Malaya 4 (1989) 58; KENG, Conc. Fl. Sing. (1990) 175.
- 474 **Pteleocarpa lamponga** (MIQ.) BAKH. ex HEYNE; NG, Tree Fl. Malaya 4 (1989) 64; KENG, Conc. Fl. Sing. (1990) 175; — *P. malaccensis* OLIV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; RIDLEY, Fl. Mal. Pen. 2 (1923) 464.
- 475 **Tournefortia tetrandra** BL.; NG, Tree Fl. Malaya 4 (1989) 58; KENG, Conc. Fl. Sing. (1990) 175; — *T. wallichii* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 115; RIDLEY, Fl. Mal. Pen. 2 (1923) 441; HENDERSON, Mal. Wild Fl. Dic. (1959) 309.

BURMANNIACEAE

- 476 **Burmannia championii** THW.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 72; RIDLEY, Fl. Mal. Pen. 4 (1924) 306; JONKER, Fl. Males. I 4¹ (1948) 17; HENDERSON, Mal. Wild Fl. Monoc. (1954) 172; KENG, Gard. Bull. Sing. 40 (1987) 123; — *B. tuberosa* BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 152; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 72; RIDLEY, Fl. Mal. Pen. 4 (1924) 306.
- 477 **Burmannia coelestis** D. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 152; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 71; RIDLEY, Fl. Mal. Pen. 4 (1924) 304; JONKER, Fl. Males. I 4¹ (1948) 17; HENDERSON, Mal. Wild Fl. Monoc. (1954) 171; KENG, Gard. Bull. Sing. 40 (1987) 123.
- 478 **Gymnosiphon aphyllus** BL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 73; RIDLEY, Fl. Mal. Pen. 4 (1924) 306; JONKER, Fl. Males. I 4¹ (1948) 20; KENG, Gard. Bull. Sing. 40 (1987) 123; — *G. borneense* BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 153.
- 479 **Thismia aseroe** BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 153; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 74; RIDLEY, Fl. Mal. Pen. 4 (1924) 308; JONKER, Fl. Males. I 4¹ (1948) 23; KENG, Gard. Bull. Sing. 40 (1987) 123.
- 480 **Thismia fumida** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 153; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 74; RIDLEY, Fl. Mal. Pen. 4 (1924) 307; JONKER, Fl. Males. I 4¹ (1948) 23; KENG, Gard. Bull. Sing. 40 (1987) 123.

BURSERACEAE

- 481 **Canarium grandifolium** (RIDL.) LAM; LEENHOUTS, Fl. Males. I 5² (1955) 275; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 129; KENG, Conc. Fl. Sing. (1990) 99; — *Trigonochlamys grandifolia* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 381.
- 482 **Canarium littorale** BL.; LEENHOUTS, Fl. Males. I 5² (1955) 256; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 130; KENG, Conc. Fl. Sing. (1990) 99; — *C. purpurascens* BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 370; — *C. rufum* BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 372; — *C. secundum* BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 375.
- 483 **Canarium patentinervium** MIQ.; LEENHOUTS, Fl. Males. I 5² (1955) 258; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 134; KENG, Conc. Fl. Sing. (1990) 100; — *C. nitidum* BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 373.
- 484 **Canarium pilosum** BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 372; LEENHOUTS, Fl. Males. I 5² (1955) 281; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 134; KENG, Conc. Fl. Sing. (1990) 100; — *C. grandiflorum* BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 370.
- 485 **Dacryodes costata** (BENN.) LAM; LEENHOUTS, Fl. Males. I 5² (1955) 222; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 140; — *Santiria costata* BENN.; RIDLEY, Fl. Mal. Pen. 1 (1922) 380.

- 486 **Dacryodes laxa** (BENN.) LAM; LEENHOUTS, Fl. Males. I 5² (1955) 224; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 141; KENG, Conc. Fl. Sing. (1990) 100; — *Santiria laxa* (BENN.) KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 380.
- 487 **Dacryodes rostrata** (BL.) LAM; LEENHOUTS, Fl. Males. I 5² (1955) 225; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 143; KENG, Conc. Fl. Sing. (1990) 100; — *Canarium kadondon* BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 373.
- 488 **Santiria apiculata** BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 378; LEENHOUTS, Fl. Males. I 5² (1955) 234; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 146; KENG, Conc. Fl. Sing. (1990) 100; — *S. minutiflora* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 377.
- 489 **Santiria conferta** BENN.; RIDLEY, Fl. Mal. Pen. 1 (1922) 379; LEENHOUTS, Fl. Males. I 5² (1955) 233; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 146; — *Santiria wrayi* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 379.
- 490 **Santiria griffithii** (HOOK. f.) ENGL.; LEENHOUTS, Fl. Males. I 5² (1955) 236; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 147; KENG, Conc. Fl. Sing. (1990) 100; — *Trigonochlamys griffithii* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 381.
- 491 **Santiria laevigata** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 378; LEENHOUTS, Fl. Males. I 5² (1955) 232; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 147; KENG, Conc. Fl. Sing. (1990) 100.
- 492 **Santiria rubiginosa** BL.; LEENHOUTS, Fl. Males. I 5² (1955) 236; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 151; — *Canarium planchonii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; — *Icicaster planchonii* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 381.
- 493 **Santiria tomentosa** BL.; LEENHOUTS, Fl. Males. I 5² (1955) 231; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 151; — *Santiria multiflora* BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 380.
- 494 **Triomma malaccensis** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 369; LEENHOUTS, Fl. Males. I 5² (1955) 218; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 154; KENG, Conc. Fl. Sing. (1990) 100.

BUTOMACEAE

- A 495 **Limnocharis flava** (L.) BUCH.; VAN STEENIS, Fl. Males. I 5¹ (1954) 120; KENG, Gard. Bull. Sing. 40 (1987) 113; CORLETT, J. Biogeog. (1988) 663.

CAMPANULACEAE

- A 496 **Hippobroma longiflora** (L.) G. DON; SKOG, Smith. Contrib. Bot. 77 (1991) 129; — *Isotoma longiflora* (L.) PRESL; RIDLEY, Fl. Mal. Pen. 2 (1923) 201; HENDERSON, Mal. Wild Fl. Dic. (1959) 254; — *Laurentia longiflora* (L.) PETERM.; MOELIONO & TUYN, Fl. Males. I 6¹ (1960) 140; KENG, Conc. Fl. Sing. (1990) 164.
- A 497 **Lobelia chinensis** LOUR.; MOELIONO & TUYN, Fl. Males. I 6¹ (1960) 130.

- 498 **Lobelia zeylanica** L.; MOELIONO & TUYN, Fl. Males. I 6¹ (1960) 128; KENG, Conc. Fl. Sing. (1990) 164; — *Pratia begonifolia* (non LINDL.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 102; — *L. affinis* WALL. ex G. DON; RIDLEY, Fl. Mal. Pen. 2 (1923) 200; HENDERSON, Mal. Wild Fl. Dic. (1959) 255.

CANNACEAE

- A 499 **Canna indica** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 128.

CAPPARACEAE

- 500 **Capparis micracantha** DC. *ssp. korthalsiana* (MIQ.) JACOBS; JACOBS, Fl. Males. I 6¹ (1960) 86; KENG, Conc. Fl. Sing. (1990) 23; — *C. finlaysoniana* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 43; RIDLEY, Fl. Mal. Pen. 1 (1922) 124.
- A 501 **Cleome aculeata** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 43; RIDLEY, Fl. Mal. Pen. 1 (1922) 120; JACOBS, Fl. Males. I 6¹ (1960) 104; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 23.
- A 502 **Cleome gynandra** L.; JACOBS, Fl. Males. I 6¹ (1960) 101; KENG, Conc. Fl. Sing. (1990) 23; — *Gynandropsis pentaphylla* (L.) DC.; RIDLEY, Fl. Mal. Pen. 1 (1922) 120; — *Gynandropsis gynandra* (L.) BRIQ.; BURKILL, Dict. (1935) 1119; HENDERSON, Mal. Wild Fl. Dic. (1959) 25.
- A 503 **Cleome rutidosperma** DC.; JACOBS, Fl. Males. I 6¹ (1960) 104; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990).
- A 504 **Cleome speciosa** RAFIN.; JACOBS, Fl. Males. I 6¹ (1960) 101; KENG, Conc. Fl. Sing. (1990) 23; — *Gynandropsis speciosa* DC.; BURKILL, Dict. (1935) 1119.
- A 505 **Cleome viscosa** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 43; RIDLEY, Fl. Mal. Pen. 1 (1922) 119; JACOBS, Fl. Males. I 6¹ (1960) 103; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 23; — *C. icosandra* L.; BURKILL, Dict. (1935) 581; HENDERSON, Mal. Wild Fl. Dic. (1959) 24.

CAPRIFOLIACEAE

- 506 **Viburnum sambucinum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 90; RIDLEY, Fl. Mal. Pen. 2 (1923) 1; CORNER, Ways. Trees 1st ed. (1940) 183; KERN & VAN STEENIS, Fl. Males. I 4³ (1951) 186; CORNER, Ways. Trees, 3rd ed. (1988) 205; WONG & SAW, Tree Fl. Malaya 4 (1989) 67; KENG, Conc. Fl. Sing. (1990) 164.

CARYOPHYLLACEAE

- A 507 **Drymaria cordata** (L.) WILLD. ex SCHULTES; SINCLAIR, Gard. Bull. Sing. 14 (1953) 31; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 56.

CASUARINACEAE

- 508 **Casuarina equisetifolia** J. R. & G. FORST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; RIDLEY, Fl. Mal. Pen. 3 (1924) 372; NG, Tree Fl. Malaya 3 (1978) 46; CORNER, Ways. Trees, 3rd ed. (1988) 210; KENG, Conc. Fl. Sing. (1990) 63.

CECROPIACEAE

- A 509 **Cecropia peltata** L.; KENG, Conc. Fl. Sing. (1990) 67.

CELASTRACEAE

- 510 **Bhesa paniculata** ARN.; DING HOU, Fl. Males. I 6² (1962) 282; KOCHUMMEN & WHITMORE, Tree Fl. Malaya 1 (1972) 160; CORNER, Ways. Trees, 3rd ed. (1988) 213; KENG, Conc. Fl. Sing. (1990) 115; — *Kurrimia paniculata* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 62; RIDLEY, Fl. Mal. Pen. 1 (1922) 452; CORNER, Ways. Trees 1st ed. (1940) 189.
- 511 **Bhesa robusta** (ROXB.) DING HOU; DING HOU, Fl. Males. I 6² (1962) 283; KOCHUMMEN & WHITMORE, Tree Fl. Malaya 1 (1972) 161; CORNER, Ways. Trees, 3rd ed. (1988) 214; KENG, Conc. Fl. Sing. (1990) 115; — *Kurrimia pulcherrima* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 62; RIDLEY, Fl. Mal. Pen. 1 (1922) 452; — *Kurrimia robusta* KURZ; CORNER, Ways. Trees 1st ed. (1940) 190.
- 512 **Cassine viburnifolia** (JUSS.) DING HOU; DING HOU, Fl. Males. I 6² (1962) 286; KOCHUMMEN & WHITMORE, Tree Fl. Malaya 1 (1972) 161; KENG, Conc. Fl. Sing. (1990) 115; — *Elaeodendron subrotundum* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 453.
- 513 **Euonymus javanicus** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 62; RIDLEY, Fl. Mal. Pen. 1 (1922) 445; DING HOU, Fl. Males. I 6² (1962) 248; KOCHUMMEN & WHITMORE, Tree Fl. Malaya 1 (1972) 162; KENG, Conc. Fl. Sing. (1990) 115.
- 514 **Glyptopetalum quadrangulare** PRAIN *ex* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 445; DING HOU, Fl. Males. I 6² (1962) 257; KOCHUMMEN & WHITMORE, Tree Fl. Malaya 1 (1972) 162.
- 515 **Kokoona littoralis** LAWS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 62; DING HOU, Fl. Males. I 6² (1962) 261; KOCHUMMEN & WHITMORE, Tree Fl. Malaya 1 (1972) 164; KENG, Conc. Fl. Sing. (1990) 115; — *Lophopetalum littoralis* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 450.
- 516 **Kokoona reflexa** (LAWS.) DING HOU; DING HOU, Fl. Males. I 6² (1962) 262; KOCHUMMEN & WHITMORE, Tree Fl. Malaya 1 (1972) 164; KENG, Conc. Fl. Sing. (1990) 115; — *Lophopetalum reflexum* LAWS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 449.
- 517 **Loeseneriella macrantha** (KORTH.) A.C. SMITH; DING HOU, Fl. Males. I 6² (1962) 398; — *Hippocratea cumingii* (non LAWS.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 62; — *Hippocratea macrantha* KORTH.; RIDLEY, Fl. Mal. Pen. 1 (1922) 455.
- 518 **Lophopetalum multinervium** RIDL.; DING HOU, Fl. Males. I 6² (1962) 270; KOCHUMMEN & WHITMORE, Tree Fl. Malaya 1 (1972) 168.

- 519 **Lophopetalum wightianum** ARN.; DING HOU, Fl. Males. I 6² (1962) 267; KOCHUMMEN & WHITMORE, Tree Fl. Malaya 1 (1972) 169; KENG, Conc. Fl. Sing. (1990) 115; — *L. fimbriatum* WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 62; RIDLEY, Fl. Mal. Pen. 1 (1922) 448.
- 520 **Maytenus emarginata** (WILLD.) DING HOU; DING HOU, Fl. Males. I 6² (1962) 241; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 128.
- 521 **Reissantia indica** (WILLD.) HALLÉ; DING HOU, Fl. Males. I 6² (1962) 401; KENG, Conc. Fl. Sing. (1990) 115; — *Hippocratea indica* WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 62; RIDLEY, Fl. Mal. Pen. 1 (1922) 455.
- 522 **Salacia chinensis** L.; DING HOU, Fl. Males. I 6² (1962) 419; KENG, Conc. Fl. Sing. (1990) 116; — *S. prinoidea* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 63; RIDLEY, Fl. Mal. Pen. 1 (1922) 459; — *S. latifolia* WALL. *ex* LAWS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 63; RIDLEY, Fl. Mal. Pen. 1 (1922) 459.
- 523 **Salacia exsculpata** KORTH.; DING HOU, Fl. Males. I 6² (1962) 417; KENG, Conc. Fl. Sing. (1990) 116; — *S. rubra* LAWS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 460.
- 524 **Salacia grandiflora** KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 63 (*incl. var longifolia*) RIDLEY, Fl. Mal. Pen. 1 (1922) 458; DING HOU, Fl. Males. I 6² (1962) 413; KENG, Conc. Fl. Sing. (1990) 116.
- 525 **Salacia korthalsiana** MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 447; DING HOU, Fl. Males. I 6² (1962) 406; KENG, Conc. Fl. Sing. (1990) 116.
- 526 **Salacia macrophylla** BL.; DING HOU, Fl. Males. I 6² (1962) 412; KENG, Conc. Fl. Sing. (1990) 116; — *S. flavescens* KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 63; RIDLEY, Fl. Mal. Pen. 1 (1922) 459; — *S. sp.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 63.
- 527 **Salacia viminea** WALL. *ex* LAWS.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 456; DING HOU, Fl. Males. I 6² (1962) 418; KENG, Conc. Fl. Sing. (1990) 116.

CHLORANTHACEAE

- 528 **Chloranthus erectus** (BUCH.-HAM.) VERDCOURT; VERDCOURT, Fl. Males. I 10(1) 131; KENG, Conc. Fl. Sing. (1990) 63; — *C. officinalis* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 128; RIDLEY, Fl. Mal. Pen. 3 (1924) 52; BURKILL, Dict. (1935) 535; HENDERSON, Mal. Wild Fl. Dic. (1959) 443.

CHRYSOBALANACEAE

- 529 **Atuna racemosa** RAFIN.; PRANCE, Fl. Males. I 10⁴ (1989) 669; — *Parinarium asperulum* MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 670; — *A. excelsa* (JACK) KOSTERM.; PRANCE & WHITMORE, Tree Fl. Malaya 2 (1973) 324; — *Parinari excelsa* (JACK) KOSTERM.; KENG, Conc. Fl. Sing. (1990) 27.
- A 530 **Chrysobalanus icaco** L.; PRANCE, Fl. Males. I 10⁴ (1989) 643; KENG, Conc. Fl. Sing. (1990) 27.

- 531 **Licania splendens** (KORTH.) PRANCE; PRANCE & WHITMORE, Tree Fl. Malaya 2 (1973) 329; PRANCE, Fl. Males. I 10⁴ (1989) 646; CORNER, Ways. Trees, 3rd ed. (1988) 616; KENG, Conc. Fl. Sing. (1990) 27; — *Parinarium nitidum* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; — *Coccomelia nitida* (HOOK. f.) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 671; — *Angelesia splendens* KORTH.; CORNER, Ways. Trees 1st ed. (1940) 526.
- 532 **Maranthes corymbosa** BL.; PRANCE & WHITMORE, Tree Fl. Malaya 2 (1973) 330; PRANCE, Fl. Males. I 10⁴ (1989) 673; KENG, Conc. Fl. Sing. (1990) 27; — *Parinarium griffithianum* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; RIDLEY, Fl. Mal. Pen. 1 (1922) 670; — *Parinarium corymbosum* (BL.) MIQ.; BURKILL, Dict. (1935) 1695; CORNER, Ways. Trees 1st ed. (1940) 527; CORNER, Ways. Trees, 3rd ed. (1988) 618.
- 533 **Parastemon urophyllus** (WALL. ex A. DC.) A. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 672; BURKILL, Dict. (1935) 1693; CORNER, Ways. Trees 1st ed. (1940) 526; PRANCE & WHITMORE, Tree Fl. Malaya 2 (1973) 331; PRANCE, Fl. Males. I 10⁴ (1989) 649; CORNER, Ways. Trees, 3rd ed. (1988) 617; KENG, Conc. Fl. Sing. (1990) 27.
- 534 **Parinari costata** (KORTH.) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; RIDLEY, Fl. Mal. Pen. 1 (1922) 666; BURKILL, Dict. (1935) 1667; PRANCE & WHITMORE, Tree Fl. Malaya 2 (1973) 333; PRANCE, Fl. Males. I 10⁴ (1989) 663; — *P. sumatrana* (JACK) BENTH.; KENG, Conc. Fl. Sing. (1990) 27.
- 535 **Parinari oblongifolia** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; RIDLEY, Fl. Mal. Pen. 1 (1922) 668; CORNER, Ways. Trees 1st ed. (1940) 527; PRANCE & WHITMORE, Tree Fl. Malaya 2 (1973) 335; PRANCE, Fl. Males. I 10⁴ (1989) 659; CORNER, Ways. Trees, 3rd ed. (1988) 618; KENG, Conc. Fl. Sing. (1990) 27.

COMBRETACEAE

- 536 **Combretum sundaicum** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 80; RIDLEY, Fl. Mal. Pen. 1 (1922) 708; BURKILL, Dict. (1935) 644; EXELL, Fl. Males. I 4⁴ (1953) 542; KENG, Conc. Fl. Sing. (1990) 75.
- 537 **Lumnitzera littorea** (JACK) VOIGT; CORNER, Ways. Trees 1st ed. (1940) 191; EXELL, Fl. Males. I 4⁴ (1953) 586; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 174; CORNER, Ways. Trees, 3rd ed. (1988) 214; KENG, Conc. Fl. Sing. (1990) 75; — *L. coccinea* W. & A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 707; BURKILL, Dict. (1935) 1372.
- 538 **Lumnitzera racemosa** WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 707; BURKILL, Dict. (1935) 1373; CORNER, Ways. Trees 1st ed. (1940) 191; EXELL, Fl. Males. I 4⁴ (1953) 588 (*var. racemosa*); KOCHUMMEN, Tree Fl. Malaya 1 (1972) 173; CORNER, Ways. Trees, 3rd ed. (1988) 214; KENG, Conc. Fl. Sing. (1990) 75.
- A 539 **Quisqualis indica** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 711; BURKILL, Dict. (1935) 1860; EXELL, Fl. Males. I 4⁴ (1953) 547; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 75.

- 540 ***Terminalia catappa*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 705; BURKILL, Dict. (1935) 2137; CORNER, Ways. Trees 1st ed. (1940) 193; EXELL, Fl. Males. I 4⁴ (1953) 566; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 176; CORNER, Ways. Trees, 3rd ed. (1988) 217; KENG, Conc. Fl. Sing. (1990) 75.
- 541 ***Terminalia phellocarpa*** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 705; BURKILL, Dict. (1935) 2141; CORNER, Ways. Trees 1st ed. (1940) 194; EXELL, Fl. Males. I 4⁴ (1953) 579; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 178; CORNER, Ways. Trees, 3rd ed. (1988) 218; KENG, Conc. Fl. Sing. (1990) 75.
- 542 ***Terminalia subspatulata*** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 705; BURKILL, Dict. (1935) 2141; CORNER, Ways. Trees 1st ed. (1940) 195; EXELL, Fl. Males. I 4⁴ (1953) 558; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 178; CORNER, Ways. Trees, 3rd ed. (1988) 218; KENG, Conc. Fl. Sing. (1990) 75.

COMMELINACEAE

- 543 ***Amischotolype gracilis*** (RIDL.) I.M. TURNER *comb. nov.*; — *Forrestia gracilis* RIDLEY, J. Str. Br. R. As. Soc. 41 (1903) 37; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 123; RIDLEY, Fl. Mal. Pen. 4 (1924) 359; KENG, Gard. Bull. Sing. 40 (1987) 124; — *F. mollis* HASSK. *sensu* RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170.
- 544 ***Amischotolype marginata*** HASSK.; Flora 46 (1863) 391; — *Forrestia marginata* (HASSK.) HASSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 124; KENG, Gard. Bull. Sing. 40 (1987) 124.
- 545 ***Commelina attenuata*** KOEN.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 116; RIDLEY, Fl. Mal. Pen. 4 (1924) 352; KENG, Gard. Bull. Sing. 40 (1987) 124.
- 546 ***Commelina benghalensis*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 116; RIDLEY, Fl. Mal. Pen. 4 (1924) 353; HENDERSON, Mal. Wild Fl. Monoc. (1954) 198; KENG, Gard. Bull. Sing. 40 (1987) 124.
- 547 ***Commelina diffusa*** BURM. f.; KENG, Gard. Bull. Sing. 40 (1987) 124; — *C. nudiflora* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 115; RIDLEY, Fl. Mal. Pen. 4 (1924) 352; HENDERSON, Mal. Wild Fl. Monoc. (1954) 198.
- 548 ***Cyanotis cristata*** (L.) D. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 121; RIDLEY, Fl. Mal. Pen. 4 (1924) 358; HENDERSON, Mal. Wild Fl. Monoc. (1954) 197; KENG, Gard. Bull. Sing. 40 (1987) 124; — *C. barbata* D. DON; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 120; RIDLEY, Fl. Mal. Pen. 4 (1924) 358.
- 549 ***Floscopa scandens*** LOUR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 122; RIDLEY, Fl. Mal. Pen. 4 (1924) 359; HENDERSON, Mal. Wild Fl. Monoc. (1954) 200; KENG, Gard. Bull. Sing. 40 (1987) 124.

- 550 **Murdannia nudiflora** (L.) BRENNAN; KENG, Gard. Bull. Sing. 40 (1987) 125; — *Aneilema nudiflorum* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 118; RIDLEY, Fl. Mal. Pen. 4 (1924) 355; HENDERSON, Mal. Wild Fl. Monoc. (1954) 201.
- 551 **Murdannia vaginata** (L.) BRUECKN.; KENG, Gard. Bull. Sing. 40 (1987) 125; — *Aneilema vaginatum* (L.) R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 119; RIDLEY, Fl. Mal. Pen. 4 (1924) 356.
- 552 **Pollia sorzogonensis** ENDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 114; RIDLEY, Fl. Mal. Pen. 4 (1924) 351; HENDERSON, Mal. Wild Fl. Monoc. (1954) 200; KENG, Gard. Bull. Sing. 40 (1987) 125; — *Aclisia secundiflora* (BL.) BAKH. f., Fl. Java 3 (1968) 658.

COMPOSITAE

- A 553 **Acanthospermum australe** (LOEFL.) O. KUNTZE; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 166; — *A. brasiliun* SCHRANK; RIDLEY, Fl. Mal. Pen. 2 (1923) 181.
- 554 **Acmella uliginosa** (SW.) CASS.; SMITH, Fl. Vit. Nov. 5 (1991) 287; — *Spilanthes acmella* (L.) MURR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 102; RIDLEY, Fl. Mal. Pen. 2 (1923) 184; HENDERSON, Mal. Wild Fl. Dic. (1959) 240; — *Spilanthes iabadicensis* A. H. MOORE; KENG, Conc. Fl. Sing. (1990) 170.
- 555 **Adenostemma viscosum** J.R. & G. FORST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 182; SMITH, Fl. Vit. Nov. 5 (1991) 272; — *Adenostemma lavenia auctt., non* (L.) O. KUNTZE; HENDERSON, Mal. Wild Fl. Dic. (1959) 242; KENG, Conc. Fl. Sing. (1990) 166.
- A 556 **Ageratum conyzoides** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 182; HENDERSON, Mal. Wild Fl. Dic. (1959) 241; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 166.
- A 557 **Bidens pilosa** L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 183; HENDERSON, Mal. Wild Fl. Dic. (1959) 239; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 167.
- 558 **Blumea balsamifera** (L.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 192; HENDERSON, Mal. Wild Fl. Dic. (1959) 247; KENG, Conc. Fl. Sing. (1990) 167.
- 559 **Blumea junghuhniana** (MIQ.) BOERL.; RANDERIA, Blumea 10 (1960) 235.
- 560 **Blumea lacera** (BURM. f.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 193; KENG, Conc. Fl. Sing. (1990) 167.
- 561 **Blumea membranacea** DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 193; RANDERIA, Blumea 10 (1960) 269.
- 562 **Blumea riparia** (BL.) DC.; RANDERIA, Blumea 10 (1960) 213; — ?*Vernonia scandens*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 100; — *B. chinensis* DC.; RIDLEY, Fl. Mal. Pen. 2 (1923) 192 (*incl. var. riparia*).

- A 563 **Centipeda minima** (L.) A. BR. & ASCH.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 39; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 167; — *C. orbicularis* LOUR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 195.
- 564 **Chromolaena odorata** (L.) R.M. KING & ROBINSON; CORLETT, J. Biogeog. (1988) 661; — *Eupatorium odoratum* L.; KENG, Conc. Fl. Sing. (1990) 168..
- 565 **Conyza bonariensis** (L.) CRONQUIST; SMITH, Fl. Vit. Nov. 5 (1991) 307; — *Erigeron linifolius* WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; — *Erigeron sumatrensis* RETZ.; RIDLEY, Fl. Mal. Pen. 2 (1923) 196; HENDERSON, Mal. Wild Fl. Dic. (1959) 251; KENG, Conc. Fl. Sing. (1990) 168; — *C. floribunda* HBK.; GRIERSON; Rev. Handb. Fl. Ceyl. 1 (1980) 157.
- A 566 **Crassocephalum crepidioides** (BENTH.) S. MOORE; CORLETT, J. Biogeog. (1988) 661.
- 567 **Eclipta prostrata** (L.) L.; KENG, Conc. Fl. Sing. (1990) 168; — *E. alba* (L.) HASSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 185; HENDERSON, Mal. Wild Fl. Dic. (1959) 240.
- 568 **Elephantopus scaber** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 180; HENDERSON, Mal. Wild Fl. Dic. (1959) 235; KENG, Conc. Fl. Sing. (1990) 168.
- A 569 **Eleutheranthera ruderalis** (SW.) SCH.-BIP.; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 168.
- 570 **Emilia sonchifolia** (L.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 102; RIDLEY, Fl. Mal. Pen. 2 (1923) 191; HENDERSON, Mal. Wild Fl. Dic. (1959) 250; KENG, Conc. Fl. Sing. (1990) 168.
- 571 **Enydra fluctuans** LOUR.; RIDLEY, Fl. Mal. Pen. 2 (1923) 183; HENDERSON, Mal. Wild Fl. Dic. (1959) 237; KENG, Conc. Fl. Sing. (1990) 168.
- A 572 **Erechtites hieracifolia** (L.) RAFIN. *ex* DC.; HENDERSON, Mal. Wild Fl. Dic. (1959) 249; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 168.
- A 573 **Erechtites valerianifolia** (SPRENG.) DC.; RIDLEY, Fl. Mal. Pen. 2 (1923) 191; HENDERSON, Mal. Wild Fl. Dic. (1959) 249; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 168; — *Gynura pseudochina* [non (L.) DC.] RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 102.
- 574 **Gynura procumbens** (LOUR.) MERR.; HENDERSON, Mal. Wild Fl. Dic. (1959) 246; KENG, Conc. Fl. Sing. (1990) 169; — *G. sarmentosa* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 102; RIDLEY, Fl. Mal. Pen. 2 (1923) 189.
- 575 **Mikania cordata** (BURM. f.) B.L. ROBINSON; HENDERSON, Mal. Wild Fl. Dic. (1959) 233; KENG, Conc. Fl. Sing. (1990) 169; — *M. scandens* auct. non (L.) WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 181.
- A 576 **Mikania micrantha** H.B.K.; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 169.

- 577 **Pluchea indica** (L.) LESS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 194; HENDERSON, Mal. Wild Fl. Dic. (1959) 245; KENG, Conc. Fl. Sing. (1990) 169.
- A 578 **Porophyllum ruderale** (JACQ.) CASS.; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 129.
- 579 **Sigesbeckia orientalis** L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 184; KENG, Conc. Fl. Sing. (1990) 170.
- A 580 **Sparganophorus sparganophora** (L.) C. JEFFREY, Kew Bull. 43 (1988) 272; — *S. vaillantii* CRANTZ, *nom. illegit. superfl.*; RIDLEY, Fl. Mal. Pen. 2 (1923) 179; HENDERSON, Mal. Wild Fl. Dic. (1959) 243; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 170; — *Struchium sparganophora* (L.) O. KTZE.; GRIERSON, Rev. Handb. Fl. Ceyl. 1 (1980) 120.
- 581 **Sphaeranthus africanus** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 180; HENDERSON, Mal. Wild Fl. Dic. (1959) 243; KENG, Conc. Fl. Sing. (1990) 170.
- A 582 **Synedrella nodiflora** (L.) GAERTN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 102; RIDLEY, Fl. Mal. Pen. 2 (1923) 184; HENDERSON, Mal. Wild Fl. Dic. (1959) 237; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 170.
- A 583 **Tridax procumbens** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 102; RIDLEY, Fl. Mal. Pen. 2 (1923) 186; HENDERSON, Mal. Wild Fl. Dic. (1959) 238; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 170.
- 584 **Vernonia arborea** BUCH.-HAM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 100; CORNER, Ways. Trees 1st ed. (1940) 196; CORNER, Ways. Trees, 3rd ed. (1988) 220; KENG, Tree Fl. Malaya 4 (1989) 70; KENG, Conc. Fl. Sing. (1990) 170; — *V. javanica* DC.; RIDLEY, Fl. Mal. Pen. 2 (1923) 187; — *V. wallichii* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 186.
- 585 **Vernonia cinerea** (L.) LESS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 100; RIDLEY, Fl. Mal. Pen. 2 (1923) 188; HENDERSON, Mal. Wild Fl. Dic. (1959) 252; KENG, Conc. Fl. Sing. (1990) 171.
- 586 **Vernonia patula** (DRYAND.) MERR.; HENDERSON, Mal. Wild Fl. Dic. (1959) 252; KENG, Conc. Fl. Sing. (1990) 171; — *V. chinensis* LESS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 100; RIDLEY, Fl. Mal. Pen. 2 (1923) 188.
- 587 **Wedelia biflora** (L.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 101; RIDLEY, Fl. Mal. Pen. 2 (1923) 185; HENDERSON, Mal. Wild Fl. Dic. (1959) 234; KENG, Conc. Fl. Sing. (1990) 171; — *Melanthera biflora* (L.) WILD, Kirkia 5 (1965) 4; — *Wollastonia biflora* (L.) DC.; SMITH, Fl. Vit. Nov. 5 (1991) 271.
- A 585 **Wedelia trilobata** (L.) HITCH.; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 171; — *Complaya trilobata* (L.) STROTHER, Syst. Bot. Monog. 33 (1991) 14.
- A 589 **Xanthium inequilaterum** DC.; KENG, Conc. Fl. Sing. (1990) 171; — *X. strumarium auct. non L.*; RIDLEY, Fl. Mal. Pen. 2 (1923) 181.

- 590 **Youngia japonica** (L.) DC.; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 171; — *Crepis japonica* (L.) BENTH.; RIDLEY, Fl. Mal. Pen. 2 (1923) 197; HENDERSON, Mal. Wild Fl. Dic. (1959) 236.

CONNARACEAE

- 591 **Agelaea borneensis** (HOOK. f.) MERR.; LEENHOUTS, Fl. Males. I 5⁴ (1958) 504; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 48; KENG, Conc. Fl. Sing. (1990) 28; — *A. vestita* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 553.
- 592 **Agelaea macrophylla** (ZOLL.) LEENH.; LEENHOUTS, Fl. Males. I 5⁴ (1958) 502; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 48; JONGKIND, Agric. Univ. Wageningen Papers 89-6 (1989) 167; KENG, Conc. Fl. Sing. (1990) 28; — *A. hullettii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 553; — *A. trinervis* (LLANOS) MERR.; LEENHOUTS, Fl. Males. I 5⁴ (1958) 502; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 48; KENG, Conc. Fl. Sing. (1990) 28; — *A. wallichii* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 553.
- 593 **Cnestis palala** (LOUR.) MERR.; LEENHOUTS, Fl. Males. I 5⁴ (1958) 499; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 48; LEMMENS, Agric. Univ. Wageningen Papers 89-6 (1989) 215; — *C. ramiflora* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 554; — *C. platantha* GRIFF.; LEENHOUTS, Fl. Males. I 5⁴ (1958) 499; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 48; KENG, Conc. Fl. Sing. (1990) 28;
- 594 **Connarus ferrugineus** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 68; RIDLEY, Fl. Mal. Pen. 1 (1922) 545; LEENHOUTS, Fl. Males. I 5⁴ (1958) 530; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 49; KENG, Conc. Fl. Sing. (1990) 28.
- 595 **Connarus grandis** JACK; LEENHOUTS, Fl. Males. I 5⁴ (1958) 529; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 49; KENG, Conc. Fl. Sing. (1990) 29; — *C. ellipticus* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 547.
- 596 **Connarus monocarpus** L. *ssp. malayensis* LEENH.; LEENHOUTS, Fl. Males. I 5⁴ (1958) 538; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 50; KENG, Conc. Fl. Sing. (1990) 29; — *C. oligophyllus* WALL. *ex* PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 546.
- 597 **Connarus planchonianus** SCHELLENB.; LEENHOUTS, Fl. Males. I 5⁴ (1958) 528; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 49; — *C. grandis* (*non* JACK) HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 547.
- 598 **Connarus semidecandrus** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 546; LEENHOUTS, Fl. Males. I 5⁴ (1958) 534; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 49; KENG, Conc. Fl. Sing. (1990) 29.
- 599 **Ellipanthus tomentosus** KURZ; LEENHOUTS, Fl. Males. I 5⁴ (1958) 521; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 50; KENG, Conc. Fl. Sing. (1990) 29; — *E. griffithii* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 548; — *E. curtisii* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 548; — *E. gibbosus* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 549.

- 600 **Rourea fulgens** PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 551; LEENHOUTS, Fl. Males. I 5⁴ (1958) 519; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 51; KENG, Conc. Fl. Sing. (1990) 29.
- 601 **Rourea mimosoides** (VAHL) PLANCH.; LEENHOUTS, Fl. Males. I 5⁴ (1958) 517; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 51; KENG, Conc. Fl. Sing. (1990) 29; — *R. concolor* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 551; — *R. parallela* PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; — *R. similis* BL.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 551.
- 602 **Rourea minor** (GAERTN.) LEENH.; LEENHOUTS, Fl. Males. I 5⁴ (1958) 514; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 51; KENG, Conc. Fl. Sing. (1990) 29; — *R. acuminata* Hook. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 550; — *R. pulchella* PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 550.
- 603 **Rourea rugosa** PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 69; RIDLEY, Fl. Mal. Pen. 1 (1922) 550; LEENHOUTS, Fl. Males. I 5⁴ (1958) 514; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 51; KENG, Conc. Fl. Sing. (1990) 29.

CONVOLVULACEAE

- A 604 **Aniseia martinicensis** (JACQ.) CHOISY; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 435; NG, Tree Fl. Malaya 4 (1989) 73; KENG, Conc. Fl. Sing. (1990) 172.
- 605 **Argyrea ridleyi** PRAIN. *ex* OOSTR.; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 503; KENG, Conc. Fl. Sing. (1990) 172; — ?*Lettsomia tomentosa*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116; — *Lettsomia ridleyi* PRAIN; RIDLEY, Fl. Mal. Pen. 2 (1923) 451 (*incl. var. velutina* PRAIN).
- 606 **Bonamia semidigyna** (ROXB.) HALL. f.; RIDLEY, Fl. Mal. Pen. 2 (1923) 454; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 398; NG, Tree Fl. Malaya 4 (1989) 73; KENG, Conc. Fl. Sing. (1990) 172.
- 607 **Cuscuta australis** R. BR.; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 392; KENG, Conc. Fl. Sing. (1990) 172; — *C. hygrophilae* PEARSON; RIDLEY, Fl. Mal. Pen. 2 (1923) 444.
- 608 **Erycibe citriniflora** GRIFF.; RIDLEY, Fl. Mal. Pen. 2 (1923) 445; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 425; NG, Tree Fl. Malaya 4 (1989) 75.
- 609 **Erycibe festiva** PRAIN; RIDLEY, Fl. Mal. Pen. 2 (1923) 447; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 417; NG, Tree Fl. Malaya 4 (1989) 76; KENG, Conc. Fl. Sing. (1990) 172.
- 610 **Erycibe griffithii** CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116, *p.p.*; RIDLEY, Fl. Mal. Pen. 2 (1923) 447, *p.p.*; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 411; NG, Tree Fl. Malaya 4 (1989) 75; KENG, Conc. Fl. Sing. (1990) 173.
- 611 **Erycibe leucoxyloides** KING *ex* PRAIN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116; RIDLEY, Fl. Mal. Pen. 2 (1923) 446; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 415; NG, Tree Fl. Malaya 4 (1989) 74; KENG, Conc. Fl. Sing. (1990) 173.

- 612 **Erycibe maingayi** CLARKE; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 417; NG, Tree Fl. Malaya 4 (1989) 76; KENG, Conc. Fl. Sing. (1990) 173; — *E. griffithii* (*non* CLARKE) PRAIN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116, *p.p.*; RIDLEY, Fl. Mal. Pen. 2 (1923) 447, *p.p.*; *syon, p.p.*.
- 613 **Erycibe malaccensis** CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116; RIDLEY, Fl. Mal. Pen. 2 (1923) 446; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 428; NG, Tree Fl. Malaya 4 (1989) 76; KENG, Conc. Fl. Sing. (1990) 173.
- 614a **Erycibe tomentosa** BL. *var. tomentosa*; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 426; NG, Tree Fl. Malaya 4 (1989) 76; — *E. princi* WALL. *ex* CHOISY; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116; RIDLEY, Fl. Mal. Pen. 2 (1923) 446; BURKILL, Dict. (1935) 944; HENDERSON, Mal. Wild Fl. Dic. (1959) 313 ("*princei*").
- 614b **Erycibe tomentosa** *var. hirsuta* (HALLIER *f.*) HOOGL.; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 428; NG, Tree Fl. Malaya 4 (1989) 75.
- 615 **Evolvulus alsinoides** (L.) L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 117; RIDLEY, Fl. Mal. Pen. 2 (1923) 454; HENDERSON, Mal. Wild Fl. Dic. (1959) 314; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 395; KENG, Conc. Fl. Sing. (1990) 173.
- 616 **Ipomoea aquatica** FORSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 117; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 473; KENG, Conc. Fl. Sing. (1990) 173; — *I. reptans* POIR.; RIDLEY, Fl. Mal. Pen. 2 (1923) 462.
- A 617 **Ipomoea cairica** (L.) SWEET; HENDERSON, Mal. Wild Fl. Dic. (1959) 320; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 478; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 173; — *I. palmata* FORSSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116; — *I. pulchella* (*non* ROTH) RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 460.
- 618 **Ipomoea campanulata** L.; AUSTIN, Rev. Handb. Fl. Ceyl. 1 (1980) 327; — *I. illustris* (CLARKE) PRAIN; RIDLEY, Fl. Mal. Pen. 2 (1923) 460; SINCLAIR, Gard. Bull. Sing. 14 (1953) 34; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 467; KENG, Conc. Fl. Sing. (1990) 173.
- 619 **Ipomoea littoralis** BL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 461; VAN OOSTSTROOM, Fl. Males. I 6⁶ (1972) 941; — *I. denticulata* CHOISY; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116; — *I. gracilis auctt. plur.*, *non* R. BR.; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 470; KENG, Conc. Fl. Sing. (1990) 173.
- 620 **Ipomoea mauritiana** JACQ.; SMITH, Fl. Vit. Nov. 5 (1991) 63; — *I. digitata auct.*, *non* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116; RIDLEY, Fl. Mal. Pen. 2 (1923) 460; HENDERSON, Mal. Wild Fl. Dic. (1959) 320; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 483; KENG, Conc. Fl. Sing. (1990) 173.
- 621 **Ipomoea obscura** (L.) KER-GAWL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 461; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 471; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 129.
- 622 **Ipomoea pes-caprae** (L.) R. BR.; RIDLEY, Fl. Mal. Pen. 2 (1923) 460; HENDERSON, Mal. Wild Fl. Dic. (1959) 319; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 475 (*ssp. brasiliensis* (L.) OOSTSTR.); KENG, Conc. Fl. Sing. (1990) 173; — *I. biloba* FORSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116.

- A 623 ***Ipomoea pes-tigridis*** L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 460; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 467; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 129.
- 624 ***Ipomoea sepiaria*** KOEN. *ex* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 117; VAN OOSTSTROOM, Fl. Males. 6(6) 941; — ?*I. sagittaeifolia* BURM. f.; RIDLEY, Fl. Mal. Pen. 2 (1923) 461; — *I. maxima auct. plur., non* (L. f.) DON *ex* SWEET; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 472;.
- A 625 ***Ipomoea triloba*** L.; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 468; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 174.
- 626 ***Ipomoea violacea*** L.; MANITZ, Feddes. Rep. 88 (1977) 265; — *I. tuba* (SCHLECH.) G. DON; SINCLAIR, Gard. Bull. Sing. 14 (1953) 33; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 487; KENG, Conc. Fl. Sing. (1990) 174; — *I. macrantha* R. & S.; VAN STEENIS, Fl. Males. I 9³ (1982) 558.
- 627 ***Merremia hederacea*** (BURM. f.) HALLIER f.; HENDERSON, Mal. Wild Fl. Dic. (1959) 317; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 441; KENG, Conc. Fl. Sing. (1990) 174; — *Ipomoea chryseides* KER-GAWL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116; — *M. convolvulacea* DENNST.; RIDLEY, Fl. Mal. Pen. 2 (1923) 458.
- 628 ***Merremia hirta*** (L.) MERR.; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 442; KENG, Conc. Fl. Sing. (1990) 174; — *Ipomoea linifolia* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116; — *M. caespitosa* HALLIER f.; RIDLEY, Fl. Mal. Pen. 2 (1923) 458.
- 629 ***Merremia tridentata*** (L.) HALLIER f.; RIDLEY, Fl. Mal. Pen. 2 (1923) 458; HENDERSON, Mal. Wild Fl. Dic. (1959) 316; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 445; KENG, Conc. Fl. Sing. (1990) 174; — *Ipomoea tridentata* (L.) ROTH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116; — *Ipomoea angustifolia* JACQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 116.
- 630 ***Merremia umbellata*** (L.) HALLIER f.; RIDLEY, Fl. Mal. Pen. 2 (1923) 459; HENDERSON, Mal. Wild Fl. Dic. (1959) 317; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 449 (*ssp. orientalis* (HALLIER f.) OOSTSTR.); KENG, Conc. Fl. Sing. (1990) 174.
- 631 ***Neuropeltis racemosa*** WALL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 453; VAN OOSTSTROOM, Fl. Males. I 4⁴ (1953) 400; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 129.

CORNACEAE

- 632 ***Aralidium pinnatifidum*** (JUNGH. & DE VRIESE) MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 89; RIDLEY, Fl. Mal. Pen. 1 (1922) 895; STONE, Tree Fl. Malaya 3 (1978) 34; PHILIPSON, Fl. Males. I 9¹ (1979) 16; CORNER, Ways. Trees, 3rd ed. (1988) 221; KENG, Conc. Fl. Sing. (1990) 130.
- 633 ***Mastixia trichotoma*** BL. *var. maingayi* (CLARKE) DANSER; MATTHEW, Fl. Males. I 8² (1977) 93; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 54; KENG, Conc. Fl. Sing. (1990) 130; — *M. maingayi* CLARKE, RIDLEY, Fl. Mal. Pen. 1 (1922) 890; — *M. junghuhniana* (*non* MIQ.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 90.

CRASSULACEAE

- A 634 **Kalanchoe pinnata** (LAMK.) PERS.; BACKER, Fl. Males. I 4³ (1951) 199; KENG, Conc. Fl. Sing. (1990) 25; — *Bryophyllum calycinum* SALISB.; RIDLEY, Fl. Mal. Pen. 1 (1922) 689; — *Bryophyllum pinnatum* (LAMK.) OKEN; BURKILL, Dict. (1935) 376.

CRUCIFERAE

- 635 **Cardamine hirsuta** L.; JONSELL, Fl. Males. I 10³ (1988) 554.
- 636 **Rorippa heterophylla** (BL.) WILLIAMS; JONSELL, Fl. Males. I 10³ (1988) 559; — *Nasturtium indicum auct. non.* (L.) DC.; RIDLEY, Fl. Mal. Pen. 1 (1922) 119; BURKILL, Dict. (1935) 1534; HENDERSON, Mal. Wild Fl. Dic. (1959) 24; — *R. indica* (L.) HIERN; KENG, Conc. Fl. Sing. (1990) 24.

CRYPTERONIACEAE

- 637 **Crypteronia griffithii** CLARKE; RIDLEY, Fl. Mal. Pen. 1 (1922) 822; CORNER, Ways. Trees 1st ed. (1940) 198; VAN BEUSEKOM-OSINGA; Fl. Males. I 8² (1977) 196; CORNER, Ways. Trees, 3rd ed. (1988) 222; NG, Tree Fl. Malaya 4 (1989) 80; — *C. cumingii* (PLANCH.) PLANCH. *ex* ENDL. *var. griffithii* (CLARKE) OSINGA; KENG, Conc. Fl. Sing. (1990) 83.

CTENOLOPHONACEAE

- 638 **Ctenolophon parvifolius** OLIVER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 425; BURKILL, Dict. (1935) 695; COCKBURN, Tree Fl. Malaya 1 (1972) 306; VAN HOOREN & NOOTEBOOM, Fl. Males. I 10³ (1988) 631; — *C. grandifolius* OLIVER; RIDLEY, Fl. Mal. Pen. 1 (1922) 423.

CUCURBITACEAE

- 639 **Gymnopetalum cochinchinense** KURZ; RIDLEY, Fl. Mal. Pen. 1 (1922) 846; KENG, Conc. Fl. Sing. (1990) 44; — *G. quinquelobum* MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 847.
- 640 **Trichosanthes celebica** COGN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 845; KENG, Conc. Fl. Sing. (1990) 44.
- 641 **Trichosanthes wallichiana** WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 845; HENDERSON, Mal. Wild Fl. Dic. (1959) 155; KENG, Conc. Fl. Sing. (1990) 44.
- 642 **Trichosanthes wawraei** COGN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 845; KENG, Conc. Fl. Sing. (1990) 44.

CYPERACEAE

- 643 **Bulbostylis barbata** (ROTTB.) CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 77; RIDLEY, Fl. Mal. Pen. 5 (1925) 160; HENDERSON, Mal. Wild Fl. Monoc. (1954) 265; KERN, Fl. Males. I 7³ (1974) 539.

- 644 **Bulbostylis puberula** (POIR.) CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 78; RIDLEY, Fl. Mal. Pen. 5 (1925) 160; HENDERSON, Mal. Wild Fl. Monoc. (1954) 265; KERN, Fl. Males. I 7³ (1974) 540.
- 645 **Carex cryptostachys** BRONGN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184 ("cyrtostachys"); RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 116; RIDLEY, Fl. Mal. Pen. 5 (1925) 181; HENDERSON, Mal. Wild Fl. Monoc. (1954) 291; KERN & NOOTEBOOM, Fl. Males. I 9¹ (1979) 148.
- A 646 **Cyperus aromaticus** (RIDL.) MATTF. & KÜK.; KERN, Fl. Males. I 7³ (1974) 656; CORLETT, J. Biogeog. (1988) 663.
- 647 **Cyperus brevifolius** (ROTTB.) HASSK.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 269; KERN, Fl. Males. I 7³ (1974) 656; — *Kyllinga brevifolia* ROTTB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 58; RIDLEY, Fl. Mal. Pen. 5 (1925) 138.
- 648 **Cyperus compactus** RETZ.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 271; KERN, Fl. Males. I 7³ (1974) 638; — *Mariscus microcephalus* PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 74; RIDLEY, Fl. Mal. Pen. 5 (1925) 149.
- 649 **Cyperus compressus** L.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 67; RIDLEY, Fl. Mal. Pen. 5 (1925) 144; HENDERSON, Mal. Wild Fl. Monoc. (1954) 274; KERN, Fl. Males. I 7³ (1974) 617.
- 650 **Cyperus cuspidatus** KUNTH; KERN, Fl. Males. I 7³ (1974) 629; — *C. uncinatus* (non POIR.) CLARKE; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 64; RIDLEY, Fl. Mal. Pen. 5 (1925) 141.
- 651 **Cyperus cyperinus** (RETZ.) VALCK. SUR.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 271; KERN, Fl. Males. I 7³ (1974) 641; — *Mariscus cyperinus* VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 73; RIDLEY, Fl. Mal. Pen. 5 (1925) 149.
- 652 **Cyperus cyperoides** (L.) O. KUNTZE; HENDERSON, Mal. Wild Fl. Monoc. (1954) 271; KERN, Fl. Males. I 7³ (1974) 642; — *Mariscus sieberianus* VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 72; RIDLEY, Fl. Mal. Pen. 5 (1925) 148.
- 653 **Cyperus diffusus** VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 65; RIDLEY, Fl. Mal. Pen. 5 (1925) 142; HENDERSON, Mal. Wild Fl. Monoc. (1954) 276; KERN, Fl. Males. I 7³ (1974) 619.
- 654 **Cyperus digitatus** ROXB.; KERN, Fl. Males. I 7³ (1974) 601; — *Mariscus sieberianus* NEES ex CLARKE var. *evolutior* (non CLARKE) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 73; RIDLEY, Fl. Mal. Pen. 5 (1925) 149.
- 655 **Cyperus distans** L.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 69; RIDLEY, Fl. Mal. Pen. 5 (1925) 145; HENDERSON, Mal. Wild Fl. Monoc. (1954) 277; KERN, Fl. Males. I 7³ (1974) 610.

- 656 **Cyperus dubius** ROTTB.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 271; KERN, Fl. Males. I 7³ (1974) 643; — *Mariscus dregianus* KUNTH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 72; RIDLEY, Fl. Mal. Pen. 5 (1925) 148.
- 657 **Cyperus elatus** L.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 71; RIDLEY, Fl. Mal. Pen. 5 (1925) 148; KERN, Fl. Males. I 7³ (1974) 601; — *C. digitatus* (non ROXB.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 71; RIDLEY, Fl. Mal. Pen. 5 (1925) 147.
- 658 **Cyperus exaltatus** RETZ.; KERN, Fl. Males. I 7³ (1974) 602.
- 659 **Cyperus halpan** L. ("haspan"); RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 64; RIDLEY, Fl. Mal. Pen. 5 (1925) 142; HENDERSON, Mal. Wild Fl. Monoc. (1954) 276; KERN, Fl. Males. I 7³ (1974) 624.
- 660 **Cyperus imbricatus** RETZ.; KERN, Fl. Males. I 7³ (1974) 603; — *C. radiatus* VAHL; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 70; RIDLEY, Fl. Mal. Pen. 5 (1925) 147.
- 661 **Cyperus iria** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 66; RIDLEY, Fl. Mal. Pen. 5 (1925) 143; HENDERSON, Mal. Wild Fl. Monoc. (1954) 278; KERN, Fl. Males. I 7³ (1974) 616.
- 662 **Cyperus javanicus** HOUTT.; KERN, Fl. Males. I 7³ (1974) 635; — *Mariscus albens* GAUDICH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 74; RIDLEY, Fl. Mal. Pen. 5 (1925) 149; — *C. pennatus* LAMK.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 271.
- 663 **Cyperus kyllingia** ENDL.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 269; KERN, Fl. Males. I 7³ (1974) 659; — *Kyllinga monocephala* ROTTB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 58; RIDLEY, Fl. Mal. Pen. 5 (1925) 138.
- 664 **Cyperus malaccensis** LAMK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 70; RIDLEY, Fl. Mal. Pen. 5 (1925) 147; HENDERSON, Mal. Wild Fl. Monoc. (1954) 278; KERN, Fl. Males. I 7³ (1974) 613.
- 665 **Cyperus melanospermus** (NEES) VALCK. SUR.; KERN, Fl. Males. I 7³ (1974) 655; — *Kyllinga melanosperma* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 58; RIDLEY, Fl. Mal. Pen. 5 (1925) 138.
- 666 **Cyperus pedunculatus** (R. BR.) KERN; KERN, Fl. Males. I 7³ (1974) 644; — *Remirea maritima* AUBL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 99; RIDLEY, Fl. Mal. Pen. 5 (1925) 169; HENDERSON, Mal. Wild Fl. Monoc. (1954) 286.
- 667 **Cyperus pilosus** VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 67; RIDLEY, Fl. Mal. Pen. 5 (1925) 144; HENDERSON, Mal. Wild Fl. Monoc. (1954) 278; KERN, Fl. Males. I 7³ (1974) 611.

- 668 **Cyperus polystachyos** ROTTB.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 273; KERN, Fl. Males. I 7³ (1974) 649; — *Pycrus polystachyos* (ROTTB.) BEAUV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 60; RIDLEY, Fl. Mal. Pen. 5 (1925) 139.
- 669 **Cyperus pumilus** L.; KERN, Fl. Males. I 7³ (1974) 650; — *Pycrus nitens* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 61; RIDLEY, Fl. Mal. Pen. 5 (1925) 140.
- 670 **Cyperus radians** NEES & MEYEN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 66; RIDLEY, Fl. Mal. Pen. 5 (1925) 143; HENDERSON, Mal. Wild Fl. Monoc. (1954) 274; KERN, Fl. Males. I 7³ (1974) 623.
- 671 **Cyperus rotundus** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 68; RIDLEY, Fl. Mal. Pen. 5 (1925) 145; HENDERSON, Mal. Wild Fl. Monoc. (1954) 278; KERN, Fl. Males. I 7³ (1974) 604.
- 672 **Cyperus sanguinolentus** VAHL ssp. *cyrtostachys* (MIQ.) KERN; SINCLAIR, Gard. Bull. Sing. 15 (1956) 28; KERN, Fl. Males. I 7³ (1974) 647; — *Pycrus sanguinolentus* (VAHL) NEES; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 60; RIDLEY, Fl. Mal. Pen. 5 (1925) 139.
- A 673 **Cyperus sphacelatus** ROTTB.; KERN, Fl. Males. I 7³ (1974) 609; CORLETT, J. Biogeog. (1988) 663.
- 674 **Cyperus stoloniferus** RETZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 69; RIDLEY, Fl. Mal. Pen. 5 (1925) 145; HENDERSON, Mal. Wild Fl. Monoc. (1954) 274; KERN, Fl. Males. I 7³ (1974) 606.
- 675 **Cyperus tenuiculmis** BOECK.; KERN, Fl. Males. I 7³ (1974) 608; — *C. zollingeri* (non STEUD.) CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 68; RIDLEY, Fl. Mal. Pen. 5 (1925) 144; HENDERSON, Mal. Wild Fl. Monoc. (1954) 275.
- 676 **Cyperus trialatus** (BOECK.) KERN; KERN, Fl. Males. I 7³ (1974) 621; — *C. bancanus* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 65; RIDLEY, Fl. Mal. Pen. 5 (1925) 143.
- A 677 **Cyperus triceps** ENDL.; KERN, Fl. Males. I 7³ (1974) 659; — *Kyllinga cylindrica* (non NEES) CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 59; RIDLEY, Fl. Mal. Pen. 5 (1925) 137.
- 678 **Eleocharis acutangula** (ROXB.) SCHULT.; KERN, Fl. Males. I 7³ (1974) 525; — *E. fistulosa* SCHULT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 76; RIDLEY, Fl. Mal. Pen. 5 (1925) 151.
- 679 **Eleocharis dulcis** (BURM. f.) HENSCHEL; KERN, Fl. Males. I 7³ (1974) 529; — *E. plantaginea* R. & S.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 75; RIDLEY, Fl. Mal. Pen. 5 (1925) 150.
- 680 **Eleocharis geniculata** (L.) R. & S.; KERN, Fl. Males. I 7³ (1974) 536; — *E. capitata* R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 77; RIDLEY, Fl. Mal. Pen. 5 (1925) 151.

- 681 **Eleocharis ochrostachys** STEUD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 76; RIDLEY, Fl. Mal. Pen. 5 (1925) 151; KERN, Fl. Males. I 7³ (1974) 528; — *E. variegata* (POIR.) PRESL var. *laxiflora* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 76; RIDLEY, Fl. Mal. Pen. 5 (1925) 151.
- 682 **Eleocharis retroflexa** (POIR.) URB.; KERN, Fl. Males. I 7³ (1974) 534; — *E. chaetaria* R. & S.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 77; RIDLEY, Fl. Mal. Pen. 5 (1925) 151; HENDERSON, Mal. Wild Fl. Monoc. (1954) 259.
- 683 **Eleocharis spiralis** (ROTTB.) R. & S.; KERN, Fl. Males. I 7³ (1974) 527.
- 684 **Fimbristylis acuminata** VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 89; RIDLEY, Fl. Mal. Pen. 5 (1925) 153; HENDERSON, Mal. Wild Fl. Monoc. (1954) 261; KERN, Fl. Males. I 7³ (1974) 588; — *F. setacea* (non BENTH.) CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 89; RIDLEY, Fl. Mal. Pen. 5 (1925) 153.
- 685 **Fimbristylis complanata** (RETZ.) LINK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 96; RIDLEY, Fl. Mal. Pen. 5 (1925) 158; KERN, Fl. Males. I 7³ (1974) 548.
- 686 **Fimbristylis cymosa** R.Br.; KERN, Fl. Males. I 7³ (1974) 557; — *F. spathacea* ROTH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 93; RIDLEY, Fl. Mal. Pen. 5 (1925) 156; HENDERSON, Mal. Wild Fl. Monoc. (1954) 263.
- 687 **Fimbristylis dichotoma** (L.) VAHL; KERN, Fl. Males. I 7³ (1974) 575; — *F. diphylla* VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 91; RIDLEY, Fl. Mal. Pen. 5 (1925) 155; HENDERSON, Mal. Wild Fl. Monoc. (1954) 264.
- 688 **Fimbristylis dura** (ZOLL. & MOR.) MERR.; KERN, Fl. Males. I 7³ (1974) 554; — *F. asperrima* BOECK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 96; RIDLEY, Fl. Mal. Pen. 5 (1925) 158.
- 689 **Fimbristylis ferruginea** (L.) VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 92; RIDLEY, Fl. Mal. Pen. 5 (1925) 156; HENDERSON, Mal. Wild Fl. Monoc. (1954) 263; KERN, Fl. Males. I 7³ (1974) 572.
- 690 **Fimbristylis fusca** (NEES) CLARKE; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 97; RIDLEY, Fl. Mal. Pen. 5 (1925) 160; KERN, Fl. Males. I 7³ (1974) 567.
- 691 **Fimbristylis globulosa** (RETZ.) KUNTH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 95; RIDLEY, Fl. Mal. Pen. 5 (1925) 158; HENDERSON, Mal. Wild Fl. Monoc. (1954) 263; KERN, Fl. Males. I 7³ (1974) 551.
- 692 **Fimbristylis griffithii** BOECK.; KERN, Fl. Males. I 7³ (1974) 584; — *F. aestivalis* (non VAHL) CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 92; RIDLEY, Fl. Mal. Pen. 5 (1925) 155.

- 693 **Fimbristylis leptoclada** BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 96; RIDLEY, Fl. Mal. Pen. 5 (1925) 159; KERN, Fl. Males. I 7³ (1974) 560.
- 694 **Fimbristylis littoralis** GAUDICH.; KERN, Fl. Males. I 7³ (1974) 551; — *F. miliacea* VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 95; RIDLEY, Fl. Mal. Pen. 5 (1925) 158; HENDERSON, Mal. Wild Fl. Monoc. (1954) 263.
- 695 **Fimbristylis nutans** (RETZ.) VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 89; RIDLEY, Fl. Mal. Pen. 5 (1925) 154; KERN, Fl. Males. I 7³ (1974) 589.
- 696 **Fimbristylis obtusata** (CLARKE) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 157; KERN, Fl. Males. I 7³ (1974) 559; — *F. tenera* R. & S. var. *obtusata* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 94.
- 697 **Fimbristylis ovata** (BURM. f.) KERN; KERN, Fl. Males. I 7³ (1974) 565.
- 698 **Fimbristylis pauciflora** R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 90; RIDLEY, Fl. Mal. Pen. 5 (1925) 154; HENDERSON, Mal. Wild Fl. Monoc. (1954) 261; KERN, Fl. Males. I 7³ (1974) 564.
- 699 **Fimbristylis polytrichoides** (RETZ.) R. BR.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 90; RIDLEY, Fl. Mal. Pen. 5 (1925) 154; KERN, Fl. Males. I 7³ (1974) 586.
- 700 **Fimbristylis schoenoides** (RETZ.) VAHL; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 90; RIDLEY, Fl. Mal. Pen. 5 (1925) 154; HENDERSON, Mal. Wild Fl. Monoc. (1954) 263; KERN, Fl. Males. I 7³ (1974) 573.
- 701 **Fimbristylis tetragona** R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 181; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 88; RIDLEY, Fl. Mal. Pen. 5 (1925) 153; KERN, Fl. Males. I 7³ (1974) 590.
- 702 **Fimbristylis tristachya** R. BR.; KERN, Fl. Males. I 7³ (1974) 573.
- 703 **Fuirena umbellata** ROTTB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 80; RIDLEY, Fl. Mal. Pen. 5 (1925) 162; HENDERSON, Mal. Wild Fl. Monoc. (1954) 257; KERN, Fl. Males. I 7³ (1974) 518.
- 704 **Gahnia tristis** NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 98; RIDLEY, Fl. Mal. Pen. 5 (1925) 168; HENDERSON, Mal. Wild Fl. Monoc. (1954) 285; KERN, Fl. Males. I 7³ (1974) 710.
- 705a **Hypolytrum nemorum** (VAHL) SPRENG. var. **nemorum**; KERN, Fl. Males. I 7³ (1974) 491; — *H. latifolium* L. C. RICH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 100; RIDLEY, Fl. Mal. Pen. 5 (1925) 170, HENDERSON, Mal. Wild Fl. Monoc. (1954) 253.
- 705b **Hypolytrum nemorum** var. **proliferum** (BOECK.) KERN; KERN, Fl. Males. I 7³ (1974) 492; — *H. proliferum* BOECK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 101; RIDLEY, Fl. Mal. Pen. 5 (1925) 170, HENDERSON, Mal. Wild Fl. Monoc. (1954) 254.

- 706 **Lepironia articulata** (RETZ.) DOMIN; HENDERSON, Mal. Wild Fl. Monoc. (1954) 249; KERN, Fl. Males. I 7³ (1974) 462; — *L. mucronata* L.C. RICH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 107; RIDLEY, Fl. Mal. Pen. 5 (1925) 175.
- 707 **Lipocarpha chinensis** (OSB.) KERN; KERN, Fl. Males. I 7³ (1974) 521; — *L. argentea* R.BR. ex NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 81; RIDLEY, Fl. Mal. Pen. 5 (1925) 163, HENDERSON, Mal. Wild Fl. Monoc. (1954) 256.
- 708 **Lipocarpha microcephala** (R. BR.) KUNTH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 82; RIDLEY, Fl. Mal. Pen. 5 (1925) 163; HENDERSON, Mal. Wild Fl. Monoc. (1954) 257; KERN, Fl. Males. I 7³ (1974) 522.
- 709 **Machaerina rubiginosa** (SPRENG.) KOYAMA; KERN, Fl. Males. I 7³ (1974) 700; — *Cladium glomeratum* R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 85; RIDLEY, Fl. Mal. Pen. 5 (1925) 166.
- 710 **Mapania cuspidata** (MIQ.) UITTEN; KERN, Fl. Males. I 7³ (1974) 473; — *M. humilis* F.-VILL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 105; RIDLEY, Fl. Mal. Pen. 5 (1925) 174 (*incl. var. petiolaris*), — *M. triquetra* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 06; RIDLEY, Fl. Mal. Pen. 5 (1925) 174.
- 711 **Mapania enodis** (MIQ.) CLARKE; KERN, Fl. Males. I 7³ (1974) 480; — *M. longa* (RIDL.) ex CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 105; RIDLEY, Fl. Mal. Pen. 5 (1925) 173.
- 712 **Mapania kurzii** CLARKE; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 104; RIDLEY, Fl. Mal. Pen. 5 (1925) 172; KERN, Fl. Males. I 7³ (1974) 478; — *M. multispicata* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; — *M. valida* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 104; RIDLEY, Fl. Mal. Pen. 5 (1925) 172.
- 713 **Mapania longiflora** CLARKE; KERN, Fl. Males. I 7³ (1974) 475.
- 714 **Mapania lorea** UITTEN; KERN, Fl. Males. I 7³ (1974) 480; — *M. tenuiscapa* (non CLARKE) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 105; RIDLEY, Fl. Mal. Pen. 5 (1925) 173.
- 715 **Mapania palustris** (HASSK. ex STEUD.) F.-VILL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 103; RIDLEY, Fl. Mal. Pen. 5 (1925) 172; HENDERSON, Mal. Wild Fl. Monoc. (1954) 250; KERN, Fl. Males. I 7³ (1974) 477.
- 716 **Mapania squamata** (KURZ) CLARKE; KERN, Fl. Males. I 7³ (1974) 479.
- 717 **Mapania wallichii** CLARKE; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 105; RIDLEY, Fl. Mal. Pen. 5 (1925) 173; KERN, Fl. Males. I 7³ (1974) 479.

- 718 **Rhynchospora corymbosa** (L.) BRITT.; KERN, Fl. Males. I 7³ (1974) 713; — *R. aurea* VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 83; RIDLEY, Fl. Mal. Pen. 5 (1925) 164; HENDERSON, Mal. Wild Fl. Monoc. (1954) 282.
- 719 **Rhynchospora malasica** CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 83; RIDLEY, Fl. Mal. Pen. 5 (1925) 164; HENDERSON, Mal. Wild Fl. Monoc. (1954) 281; KERN, Fl. Males. I 7³ (1974) 715.
- 720 **Rhynchospora rubra** (LOUR.) MAKINO; KERN, Fl. Males. I 7³ (1974) 715; — *R. wallichiana* KUNTH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 82; RIDLEY, Fl. Mal. Pen. 5 (1925) 164; HENDERSON, Mal. Wild Fl. Monoc. (1954) 281.
- 721 **Rhynchospora rugosa** (VAHL) GALE; KERN, Fl. Males. I 7³ (1974) 720; — *R. glauca* VAHL *nom. illegit. var. chinensis* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 84; RIDLEY, Fl. Mal. Pen. 5 (1925) 165; — *R. glauca*; HENDERSON, Mal. Wild Fl. Monoc. (1954) 283.
- 722 **Schoenus calostachyus** (R. BR.) POIR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 85; RIDLEY, Fl. Mal. Pen. 5 (1925) 166; KERN, Fl. Males. I 7³ (1974) 675.
- 723 **Scirpodendron ghaeri** (GAERTN.) MERR.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 248; KERN, Fl. Males. I 7³ (1974) 456; — *S. costatum* KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 106; RIDLEY, Fl. Mal. Pen. 5 (1925) 175.
- 724 **Scirpus grossus** L. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Fl. Mal. Pen. 5 (1925) 162; HENDERSON, Mal. Wild Fl. Monoc. (1954) 254; KERN, Fl. Males. I 7³ (1974) 498.
- 725 **Scirpus mucronatus** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 182; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 79; RIDLEY, Fl. Mal. Pen. 5 (1925) 161; HENDERSON, Mal. Wild Fl. Monoc. (1954) 255; KERN, Fl. Males. I 7³ (1974) 510.
- 726 **Scirpus squarrosus** L.; KERN, Fl. Males. I 7³ (1974) 516.
- 727 **Scleria biflora** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 114; RIDLEY, Fl. Mal. Pen. 5 (1925) 180; KERN, Fl. Males. I 7³ (1974) 743.
- 728 **Scleria caricina** (R. BR.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 111; RIDLEY, Fl. Mal. Pen. 5 (1925) 178; KERN, Fl. Males. I 7³ (1974) 749.
- 729 **Scleria ciliaris** NEES; KERN, Fl. Males. I 7³ (1974) 734; — *S. bancana* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 112; RIDLEY, Fl. Mal. Pen. 5 (1925) 178; HENDERSON, Mal. Wild Fl. Monoc. (1954) 289.

- 730 ***Scleria corymbosa*** ROXB.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 109; RIDLEY, Fl. Mal. Pen. 5 (1925) 176; KERN, Fl. Males. I 7³ (1974) 740; — *S. ridleyi* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 109; RIDLEY, Fl. Mal. Pen. 5 (1925) 177.
- 731 ***Scleria levis*** RETZ.; KERN, Fl. Males. I 7³ (1974) 732; — *S. hebecarpa* NEES; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 113; RIDLEY, Fl. Mal. Pen. 5 (1925) 179.
- 732 ***Scleria oblata*** S.T. BLAKE; KERN, Fl. Males. I 7³ (1974) 733; — *S. levis* (non RETZ.) WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 111; RIDLEY, Fl. Mal. Pen. 5 (1925) 177; HENDERSON, Mal. Wild Fl. Monoc. (1954) 289 ("*laevis*").
- 733 ***Scleria poaeformis*** RETZ.; KERN, Fl. Males. I 7³ (1974) 736; — *S. oryzoides* PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 110; RIDLEY, Fl. Mal. Pen. 5 (1925) 177.
- 734 ***Scleria purpurascens*** STEUD.; KERN, Fl. Males. I 7³ (1974) 739; — *S. multifoliata* BOECK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 112; RIDLEY, Fl. Mal. Pen. 5 (1925) 178.
- 735 ***Scleria rugosa*** R. BR.; KERN, Fl. Males. I 7³ (1974) 749; — *S. zeylanica* (non POIR.) CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 110; RIDLEY, Fl. Mal. Pen. 5 (1925) 177; — *S. lateriflora* BOECK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184.
- 736 ***Scleria sumatrensis*** RETZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 13; RIDLEY, Fl. Mal. Pen. 5 (1925) 179; HENDERSON, Mal. Wild Fl. Monoc. (1954) 289; KERN, Fl. Males. I 7³ (1974) 736.
- 737 ***Scleria terrestris*** (L.) FASS.; KERN, Fl. Males. I 7³ (1974) 733; — *S. radula* HANCE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 111; RIDLEY, Fl. Mal. Pen. 5 (1925) 178.
- 738 ***Thoracostachyum bancanum*** (MIQ.) KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 183; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 02; RIDLEY, Fl. Mal. Pen. 5 (1925) 171; HENDERSON, Mal. Wild Fl. Monoc. (1954) 251; KERN, Fl. Males. I 7³ (1974) 465.

DAPHNIPHYLLACEAE

- 739 ***Daphniphyllum laurinum*** (BENTH.) BAILL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137; RIDLEY, Fl. Mal. Pen. 3 (1924) 234; WHITMORE, Tree Fl. Malaya 1 (1972) 181; KENG, Conc. Fl. Sing. (1990) 114.

DICHAPETALACEAE

- 740 ***Dichapetalum sordidum*** (RIDL.) LEENH.; LEENHOUTS, Fl. Males. I 5³ (1957) 309; KENG, Conc. Fl. Sing. (1990) 26; — *Chailletia deflexifolia* TURCZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; — *Chailletia sordida* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 418.

DILLENIACEAE

- 741 **Dillenia excelsa** (JACK) GILG; HOOGLAND, Fl. Males. I 4³ (1951) 169; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 186; CORNER, Ways. Trees, 3rd ed. (1988) 228; KENG, Conc. Fl. Sing. (1990) 45; — *Wormia tomentella* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 37; RIDLEY, Fl. Mal. Pen. 1 (1922) 10; — *Wormia excelsa* JACK; CORNER, Ways. Trees 1st ed. (1940) 206.
- 742 **Dillenia grandifolia** WALL. ex HOOK. f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 11; CORNER, Ways. Trees 1st ed. (1940) 203; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 188; CORNER, Ways. Trees, 3rd ed. (1988) 229; KENG, Conc. Fl. Sing. (1990) 45; — *Wormia scortechinii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 37; — *D. scortechinii* (KING) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 12.
- 743 **Dillenia indica** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 38; RIDLEY, Fl. Mal. Pen. 1 (1922) 10; BURKILL, Dict. (1935) 809; CORNER, Ways. Trees 1st ed. (1940) 208; HOOGLAND, Fl. Males. I 4³ (1951) 171; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 188; CORNER, Ways. Trees, 3rd ed. (1988) 229; KENG, Conc. Fl. Sing. (1990) 46.
- 744 **Dillenia pulchella** (JACK) GILG; HOOGLAND, Fl. Males. I 4³ (1951) 171; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 191; CORNER, Ways. Trees, 3rd ed. (1988) 231; KENG, Conc. Fl. Sing. (1990) 46; — *Wormia pulchella* JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 37; RIDLEY, Fl. Mal. Pen. 1 (1922) 9; BURKILL, Dict. (1935) 2265; CORNER, Ways. Trees 1st ed. (1940) 206.
- 745 **Dillenia reticulata** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 11; BURKILL, Dict. (1935) 810; HOOGLAND, Fl. Males. I 4³ (1951) 168; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 191; CORNER, Ways. Trees, 3rd ed. (1988) 231; KENG, Conc. Fl. Sing. (1990) 46.
- 746 **Dillenia suffruticosa** (GRIFF.) MART.; HOOGLAND, Fl. Males. I 4³ (1951) 162; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 192; CORNER, Ways. Trees, 3rd ed. (1988) 232; KENG, Conc. Fl. Sing. (1990) 46; — *Wormia suffruticosa* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 37; RIDLEY, Fl. Mal. Pen. 1 (1922) 8; BURKILL, Dict. (1935) 2265; CORNER, Ways. Trees 1st ed. (1940) 207; — *Wormia subsessilis* MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 7.
- 747 **Tetracera akara** (BURM. f.) MERR.; HOOGLAND, Fl. Males. I 4³ (1951) 146; KENG, Conc. Fl. Sing. (1990) 46; — *T. sylvestris* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 5; — *T. assa* var., RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 37.
- 748 **Tetracera arborescens** JACK; HOOGLAND, Fl. Males. I 4³ (1951) 148; KENG, Conc. Fl. Sing. (1990) 46; — *T. euryandra* (non VAHL) HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 37; — *T. lucida* WALL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 5.
- 749 **Tetracera fagifolia** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 37; RIDLEY, Fl. Mal. Pen. 1 (1922) 6; HOOGLAND, Fl. Males. I 4³ (1951) 148; KENG, Conc. Fl. Sing. (1990) 46; — *T. sumatrana* MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 6.

- 750 **Tetracera indica** (CHRISTM. & PANZ.) MERR.; HENDERSON, Mal. Wild Fl. Dic. (1959) 20; HOOGLAND, Fl. Males. I 4³ (1951) 146; KENG, Conc. Fl. Sing. (1990) 46; — *T. assa* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 37; RIDLEY, Fl. Mal. Pen. 1 (1922) 5.
- 751 **Tetracera macrophylla** WALL. *ex* HOOK. *f.* & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 37; RIDLEY, Fl. Mal. Pen. 1 (1922) 4; HOOGLAND, Fl. Males. I 4³ (1951) 147; KENG, Conc. Fl. Sing. (1990) 46.

DIOSCOREACEAE

- 752 **Dioscorea bulbifera** L.; RIDLEY, Fl. Mal. Pen. 4 (1924) 315; BURKILL, Fl. Males. I 4³ (1951) 311; KENG, Gard. Bull. Sing. 40 (1987) 121; — *D. sativa* (*non* L.) THUNB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 168; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 84.
- 753 **Dioscorea glabra** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 168; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 83; RIDLEY, Fl. Mal. Pen. 4 (1924) 319; BURKILL, Fl. Males. I 4³ (1951) 331; KENG, Gard. Bull. Sing. 40 (1987) 121.
- 754 **Dioscorea hispida** DENNSTEDT; BURKILL, Fl. Males. I 4³ (1951) 318; KENG, Gard. Bull. Sing. 40 (1987) 121; — *D. daemona* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 167; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 80; — *D. triphylla* (*non* L.) L.; RIDLEY, Fl. Mal. Pen. 4 (1924) 314.
- 755 **Dioscorea laurifolia** WALL. *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 167; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 83; RIDLEY, Fl. Mal. Pen. 4 (1924) 319; BURKILL, Fl. Males. I 4³ (1951) 323; KENG, Gard. Bull. Sing. 40 (1987) 122.
- 756 **Dioscorea polyclades** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 168; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 81; RIDLEY, Fl. Mal. Pen. 4 (1924) 315; BURKILL, Fl. Males. I 4³ (1951) 334; KENG, Gard. Bull. Sing. 40 (1987) 122.
- 757 **Dioscorea prainiana** R. KNUTH; BURKILL, Fl. Males. I 4³ (1951) 324; KENG, Gard. Bull. Sing. 40 (1987) 122;; — *D. deflexa* (*non* GRIS.) HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 168; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 83; — *D. zollingeriana* (*non* KUNTH) MIQ.; RIDLEY, Fl. Mal. Pen. 4 (1924) 317, *p.p.*
- 758 **Dioscorea pyrifolia** KUNTH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 167; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 82; RIDLEY, Fl. Mal. Pen. 4 (1924) 316; BURKILL, Fl. Males. I 4³ (1951) 332; HENDERSON, Mal. Wild Fl. Monoc. (1954) 175; KENG, Gard. Bull. Sing. 40 (1987) 122; — *D. cornifolia* (*non* KUNTH) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 81.
- A 759 **Dioscorea sansibarensis** PAX; CORLETT, J. Biogeog. (1988) 663.
- 760 **Dioscorea stenomeriflora** PRAIN & BURK.; RIDLEY, Fl. Mal. Pen. 4 (1924) 319; BURKILL, Fl. Males. I 4³ (1951) 306; KENG, Gard. Bull. Sing. 40 (1987) 122; — *Peripetasma polyanthum* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 103.

- 761 **Dioscorea tenuifolia** RIDL.; BURKILL, Fl. Males. I 4³ (1951) 326; — *D. oppositifolia* (non L.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 167; — *D. zollingeriana* (non KUNTH) MIQ.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 82; RIDLEY, Fl. Mal. Pen. 4 (1924) 317, *p.p.*

DIPTEROCARPACEAE

- 762 **Anisoptera costata** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 49 *p.p.*; RIDLEY, Fl. Mal. Pen. 1 (1922) 218, *p.p.*; SYMINGTON, Malay. Forest Rec. 16 (1943) 204; ASHTON, Fl. Males. I 9² (1982) 330; KENG, Conc. Fl. Sing. (1990) 51.
- 763 **Anisoptera laevis** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 219; SYMINGTON, Malay. Forest Rec. 16 (1943) 205; ASHTON, Fl. Males. I 9² (1982) 335; — *A. glabra* (non KURZ) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 49.
- 764 **Anisoptera megistocarpa** SLOOT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 49 *p.p.*; RIDLEY, Fl. Mal. Pen. 1 (1922) 218, *p.p.*; BURKILL, Dict. (1935) 164; SYMINGTON, Malay. Forest Rec. 16 (1943) 207; ASHTON, Fl. Males. I 9² (1982) 332; KENG, Conc. Fl. Sing. (1990) 51.
- 765 **Cotylelobium lanceolatum** CRAIB; ASHTON, Fl. Males. I 9² (1982) 343; — *C. flavum* (non PIERRE) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; RIDLEY, Fl. Mal. Pen. 1 (1922) 239; — *C. malayanum* SLOOT.; BURKILL, Dict. (1935) 673; SYMINGTON, Malay. Forest Rec. 16 (1943) 349.
- 766 **Dipterocarpus caudatus** FOXW. *ssp. penangianus* (FOXW.) ASHTON; ASHTON, Fl. Males. I 9² (1982) 305; KENG, Conc. Fl. Sing. (1990) 51; 1 — *D. penangianus* FOXW.; SYMINGTON, Malay. Forest Rec. 16 (1943) 185.
- 767 **Dipterocarpus cornutus** DYER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 49; RIDLEY, Fl. Mal. Pen. 1 (1922) 215; BURKILL, Dict. (1935) 842; SYMINGTON, Malay. Forest Rec. 16 (1943) 172; ASHTON, Fl. Males. I 9² (1982) 312; KENG, Conc. Fl. Sing. (1990) 51.
- 768 **Dipterocarpus grandiflorus** BLANCO; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 49; RIDLEY, Fl. Mal. Pen. 1 (1922) 216; BURKILL, Dict. (1935) 843; SYMINGTON, Malay. Forest Rec. 16 (1943) 178; ASHTON, Fl. Males. I 9² (1982) 317; KENG, Conc. Fl. Sing. (1990) 51.
- 769 **Dipterocarpus sublamellatus** FOXW.; SYMINGTON, Malay. Forest Rec. 16 (1943) 92; ASHTON, Fl. Males. I 9² (1982) 322; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 129.
- 770 **Hopea griffithii** KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; SYMINGTON, Malay. Forest Rec. 16 (1943) 127; ASHTON, Fl. Males. I 9² (1982) 406; KENG, Conc. Fl. Sing. (1990) 51; — *H. pierrei* (non HANCE) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 238, *p.p.*
- 771 **Hopea mengarawan** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; RIDLEY, Fl. Mal. Pen. 1 (1922) 238; BURKILL, Dict. (1935) 1190; SYMINGTON, Malay. Forest Rec. 16 (1943) 132; ASHTON, Fl. Males. I 9² (1982) 400; KENG, Conc. Fl. Sing. (1990) 51.

- 772 **Hopea sangal** KORTH.; SYMINGTON, Malay. Forest Rec. 16 (1943) 141; ASHTON, Fl. Males. 19² (1982) 420; — *H. curtisii* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 212; — *H. globosa* BRANDIS; RIDLEY, Fl. Mal. Pen. 1 (1922) 236; — *H. lowii* DYER *ex* BRANDIS; RIDLEY, Fl. Mal. Pen. 1 (1922) 237.
- 773 **Neobalanocarpus heimii** (KING) ASHTON; ASHTON, Fl. Males. 19² (1982) 388; — *Balanocarpus heimii* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 247; BURKILL, Dict. (1935) 204; CORNER, Ways. Trees 1st ed. (1940) 210; SYMINGTON, Malay. Forest Rec. 16 (1943) 147; CORNER, Ways. Trees, 3rd ed. (1988) 236.
- 774 **Shorea bracteolata** DYER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; RIDLEY, Fl. Mal. Pen. 1 (1922) 229; BURKILL, Dict. (1935) 2007; SYMINGTON, Malay. Forest Rec. 16 (1943) 34; ASHTON, Fl. Males. 19² (1982) 496; KENG, Conc. Fl. Sing. (1990) 51.
- ? 775 **Shorea collina** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 231; SYMINGTON, Malay. Forest Rec. 16 (1943) 12; SINCLAIR, Gard. Bull. Sing. 15 (1956) 22; ASHTON, Fl. Males. 19² (1982) 447.
- Known from one sterile collection.
- 776 **Shorea curtisii** DYER *ex* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 223; BURKILL, Dict. (1935) 2009; CORNER, Ways. Trees 1st ed. (1940) 213; SYMINGTON, Malay. Forest Rec. 16 (1943) 38; ASHTON, Fl. Males. 19² (1982) 541; CORNER, Ways. Trees, 3rd ed. (1988) 239; KENG, Conc. Fl. Sing. (1990) 51.
- 777 **Shorea gibbosa** BRANDIS; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; RIDLEY, Fl. Mal. Pen. 1 (1922) 229; SYMINGTON, Malay. Forest Rec. 16 (1943) 51; ASHTON, Fl. Males. 19² (1982) 482; KENG, Conc. Fl. Sing. (1990) 51.
- 778 **Shorea gratissima** DYER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; RIDLEY, Fl. Mal. Pen. 1 (1922) 226; BURKILL, Dict. (1935) 2011; SYMINGTON, Malay. Forest Rec. 16 (1943) 36; ASHTON, Fl. Males. 19² (1982) 487; KENG, Conc. Fl. Sing. (1990) 51.
- 779 **Shorea leprosula** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; RIDLEY, Fl. Mal. Pen. 1 (1922) 222; SYMINGTON, Malay. Forest Rec. 16 (1943) 75; ASHTON, Fl. Males. 19² (1982) 540; KENG, Conc. Fl. Sing. (1990) 51.
- 780 **Shorea macroptera** DYER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; RIDLEY, Fl. Mal. Pen. 1 (1922) 225; BURKILL, Dict. (1935) 2016; SYMINGTON, Malay. Forest Rec. 16 (1943) 78; ASHTON, Fl. Males. 19² (1982) 532; KENG, Conc. Fl. Sing. (1990) 51.
- 781 **Shorea ovalis** BL.; SYMINGTON, Malay. Forest Rec. 16 (1943) 80; ASHTON, Fl. Males. 19² (1982) 548; KENG, Conc. Fl. Sing. (1990) 51; — *S. sericea* DYER; RIDLEY, Fl. Mal. Pen. 1 (1922) 223; BURKILL, Dict. (1935) 2022; — *S. rigida* BRANDIS; RIDLEY, Fl. Mal. Pen. 1 (1922) 223; — *S. furfuracea* (*non* MIQ.) BRANDIS; RIDLEY, Fl. Mal. Pen. 1 (1922) 232, *p.p.*
- 782 **Shorea parvifolia** DYER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; RIDLEY, Fl. Mal. Pen. 1 (1922) 224; SYMINGTON, Malay. Forest Rec. 16 (1943) 137; ASHTON, Fl. Males. 19² (1982) 546; KENG, Conc. Fl. Sing. (1990) 51; — *S. scutulata* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 222; BURKILL, Dict. (1935) 2022.

- 783 ***Shorea pauciflora*** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; RIDLEY, Fl. Mal. Pen. 1 (1922) 228; BURKILL, Dict. (1935) 2020; SYMINGTON, Malay. Forest Rec. 16 (1943) 87; ASHTON, Fl. Males. I 9² (1982) 511; KENG, Conc. Fl. Sing. (1990) 51.
- 784 ***Shorea platycarpa*** HEIM; SYMINGTON, Malay. Forest Rec. 16 (1943) 88; ASHTON, Fl. Males. I 9² (1982) 541; KENG, Conc. Fl. Sing. (1990) 51; — *S. palustris* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 224; BURKILL, Dict. (1935) 2019.
- 785 ***Vatica maingayi*** DYER; BURKILL, Dict. (1935) 2224; SYMINGTON, Malay. Forest Rec. 16 (1943) 223; ASHTON, Fl. Males. I 9² (1982) 369; KENG, Conc. Fl. Sing. (1990) 52; — *Synaptea maingayi* (DYER) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 240, *p.p.*; — *Synaptea lowii* (KING) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 241, *p.p.*
- 786 ***Vatica pauciflora*** BL.; ASHTON, Fl. Males. I 9² (1982) 351; KENG, Conc. Fl. Sing. (1990) 52; — *Pachynocarpus wallichii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50, *p.p.*; RIDLEY, Fl. Mal. Pen. 1 (1922) 250, *p.p.*; — *V. ridleyana* (*non* BRANDIS) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50, *p.p.*; — *Pachynocarpus ridleyanus* (*non* ANDERS.) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 250, *p.p.*; — *Pachynocarpus umbonatus* (*non* HOOK. *f.*) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 249, *p.p.*; — *V. wallichii* DYER; Burk. 2225; SYMINGTON, Malay. Forest Rec. 16 (1943) 230.
- 787 ***Vatica ridleyana*** BRANDIS; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50, *p.p.*; BURKILL, Dict. (1935) 224; SYMINGTON, Malay. Forest Rec. 16 (1943) 227; ASHTON, Fl. Males. I 9² (1982) 352; KENG, Conc. Fl. Sing. (1990) 52; — *Pachynocarpus ridleyanus* (BRAND.) ANDERSON; RIDLEY, Fl. Mal. Pen. 1 (1922) 250, *p.p.*

EBENACEAE

- 788 ***Diospyros apiculata*** HIERN; RIDLEY, Fl. Mal. Pen. 2 (1923) 285; NG, Tree Fl. Malaya 3 (1978) 61.
- 789 ***Diospyros argentea*** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107; RIDLEY, Fl. Mal. Pen. 2 (1923) 289; NG, Tree Fl. Malaya 3 (1978) 63; CORNER, Ways. Trees, 3rd ed. (1988) 241; KENG, Conc. Fl. Sing. (1990) 136.
- 790 ***Diospyros buxifolia*** (BL.) HIERN; NG, Tree Fl. Malaya 3 (1978) 64; KENG, Conc. Fl. Sing. (1990) 136; — *D. microphylla* BEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106; RIDLEY, Fl. Mal. Pen. 2 (1923) 283.
- 791 ***Diospyros clavigera*** CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107; RIDLEY, Fl. Mal. Pen. 2 (1923) 288; NG, Tree Fl. Malaya 3 (1978) 65; KENG, Conc. Fl. Sing. (1990) 136.
- 792 ***Diospyros confusa*** BAKH.; NG, Tree Fl. Malaya 3 (1978) 67.
- 793 ***Diospyros coriacea*** HIERN; NG, Tree Fl. Malaya 3 (1978) 67.
- 794 ***Diospyros diepenhorstii*** MIQ.; NG, Tree Fl. Malaya 3 (1978) 68; KENG, Conc. Fl. Sing. (1990) 136; — *D. pyrifera* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 294; — *D. sp.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107.

- 795 **Diospyros ferrea** (WILLD.) BAKH.; NG, Tree Fl. Malaya 3 (1978) 71; CORNER, Ways. Trees, 3rd ed. (1988) 242; KENG, Conc. Fl. Sing. (1990) 136; — *Maba buxifolia* PERS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106; RIDLEY, Fl. Mal. Pen. 2 (1923) 281.
- 796 **Diospyros lanceifolia** ROXB.; NG, Tree Fl. Malaya 3 (1978) 76; CORNER, Ways. Trees, 3rd ed. (1988) 242; KENG, Conc. Fl. Sing. (1990) 136; — *D. lucida* WALL. ex A. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107; RIDLEY, Fl. Mal. Pen. 2 (1923) 286; — *D. clavigera* var. *pachyphylla* (CL.) RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 288.
- 797 **Diospyros latiseipala** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 294; NG, Tree Fl. Malaya 3 (1978) 76.
- 798 **Diospyros maingayi** (HIERN) BAKH.; NG, Tree Fl. Malaya 3 (1978) 77; KENG, Conc. Fl. Sing. (1990) 136; — *D. bilocularis* OLIV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107; RIDLEY, Fl. Mal. Pen. 2 (1923) 288.
- 799 **Diospyros pilosanthera** BLANCO var. **oblonga** (WALL. ex G. DON) NG; NG, Tree Fl. Malaya 3 (1978) 81; KENG, Conc. Fl. Sing. (1990) 136; — *D. oblonga* WALL. ex G. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107; RIDLEY, Fl. Mal. Pen. 2 (1923) 291; CORNER, Ways. Trees, 3rd ed. (1988) 243.
- 800 **Diospyros siamang** BAKH.; NG, Tree Fl. Malaya 3 (1978) 86.
- 801 **Diospyros styraciformis** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 288; NG, Tree Fl. Malaya 3 (1978) 87; KENG, Conc. Fl. Sing. (1990) 136.
- 802 **Diospyros sumatrana** MIQ.; NG, Tree Fl. Malaya 3 (1978) 87; — *D. flavicans* (WALL.) HIERN; RIDLEY, Fl. Mal. Pen. 2 (1923) 285; — *D. graciliflora* (non HIERN) K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 284; — *D. dumosa* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 285; — *D. tubicalyx* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 285; — *D. hendersoni* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 320.
- 803 **Diospyros venosa** WALL. ex A. DC.; NG, Tree Fl. Malaya 3 (1978) 93; KENG, Conc. Fl. Sing. (1990) 136; — *Maba venosa* (WALL. ex G. DON) K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 279; — *Maba merguensis* HIERN; RIDLEY, Fl. Mal. Pen. 2 (1923) 280.

ELAEOCARPACEAE

- 804 **Elaeocarpus acmosepalus** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 314; MAXWELL, Gard. Bull. Sing. 36 (1983) 229; NG, Tree Fl. Malaya 4 (1989) 86; KENG, Conc. Fl. Sing. (1990) 87.
- 805 **Elaeocarpus ferrugineus** (JACK) STEUD.; CORNER, Ways. Trees, 3rd ed. (1988) 247; NG, Tree Fl. Malaya 4 (1989) 87; KENG, Conc. Fl. Sing. (1990) 87; — *E. jackianus* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 318.
- 806 **Elaeocarpus floribundus** BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 313; CORNER, Ways. Trees, 3rd ed. (1988) 248; NG, Tree Fl. Malaya 4 (1989) 88; KENG, Conc. Fl. Sing. (1990) 87.

- 807 ***Elaeocarpus griffithii*** (WIGHT) A. GRAY; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 54; RIDLEY, Fl. Mal. Pen. 1 (1922) 316; CORNER, Ways. Trees, 3rd ed. (1988) 248; NG, Tree Fl. Malaya 4 (1989) 89; KENG, Conc. Fl. Sing. (1990) 87; — *E. paniculatus* WALL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 315; CORNER, Ways. Trees, 3rd ed. (1988) 249.
- 808 ***Elaeocarpus macrocerus*** (TURCZ.) MERR.; CORNER, Ways. Trees, 3rd ed. (1988) 248; NG, Tree Fl. Malaya 4 (1989) 90; KENG, Conc. Fl. Sing. (1990) 87; — *E. obtusus* (non BL.) KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 317.
- 809 ***Elaeocarpus mastersii*** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 319; CORNER, Ways. Trees, 3rd ed. (1988) 248; NG, Tree Fl. Malaya 4 (1989) 90; KENG, Conc. Fl. Sing. (1990) 87.
- 810a ***Elaeocarpus nitidus*** JACK var. ***nitidus***; NG, Tree Fl. Malaya 4 (1989) 91; — *E. parvifolius* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 54; RIDLEY, Fl. Mal. Pen. 1 (1922) 310; — *E. nitidus*; RIDLEY, Fl. Mal. Pen. 1 (1922) 314; CORNER, Ways. Trees, 3rd ed. (1988) 249; KENG, Conc. Fl. Sing. (1990) 87.
- 810b ***Elaeocarpus nitidus*** var. ***salicifolius*** (KING) NG; NG, Tree Fl. Malaya 4 (1989) 91; — *E. salicifolius* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 54; RIDLEY, Fl. Mal. Pen. 1 (1922) 313; CORNER, Ways. Trees, 3rd ed. (1988) 250; KENG, Conc. Fl. Sing. (1990) 88.
- 811 ***Elaeocarpus palembanicus*** (MIQ.) CORNER; CORNER, Ways. Trees, 3rd ed. (1988) 249; NG, Tree Fl. Malaya 4 (1989) 91; — *E. hullettii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 316; KENG, Conc. Fl. Sing. (1990) 87; — *E. leptomischus* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 320.
- 812 ***Elaeocarpus pedunculatus*** WALL. ex MAST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 316; CORNER, Ways. Trees, 3rd ed. (1988) 249; NG, Tree Fl. Malaya 4 (1989) 92; KENG, Conc. Fl. Sing. (1990) 88.
- 813 ***Elaeocarpus petiolatus*** (JACK) WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 54; RIDLEY, Fl. Mal. Pen. 1 (1922) 315; CORNER, Ways. Trees, 3rd ed. (1988) 249; NG, Tree Fl. Malaya 4 (1989) 92; KENG, Conc. Fl. Sing. (1990) 88.
- 814 ***Elaeocarpus polystachyus*** WALL. ex C. MUELL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 319; CORNER, Ways. Trees, 3rd ed. (1988) 250; NG, Tree Fl. Malaya 4 (1989) 92; KENG, Conc. Fl. Sing. (1990) 88.
- 815 ***Elaeocarpus rugosus*** ROXB.; RIDLEY, Fl. Mal. Pen. 1 (1922) 318 (*incl. var. singaporensis* RIDL.); NG, Tree Fl. Malaya 4 (1989) 94; KENG, Conc. Fl. Sing. (1990) 88; — *E. kunstleri* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 317.
- 816 ***Elaeocarpus stipularis*** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 54; RIDLEY, Fl. Mal. Pen. 1 (1922) 311; CORNER, Ways. Trees, 3rd ed. (1988) 251; NG, Tree Fl. Malaya 4 (1989) 95; KENG, Conc. Fl. Sing. (1990) 88.
- A 817 ***Muntingia calabura*** L.; CORNER, Ways. Trees, 3rd ed. (1988) 251; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 88.

- 818 **Sloanea javanica** (MIQ.) SZYSZ. *ex* K. SCHUM.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 308; NG, Tree Fl. Malaya 4 (1989) 97; KENG, Conc. Fl. Sing. (1990) 88; — *Echinocarpus sp.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 54.

EPACRIDACEAE

- 819 **Styphelia malayana** (JACK) SPR.; SLEUMER, Fl. Males. I 6³ (1964) 426; WHITMORE, Tree Fl. Malaya 2 (1973) 32; CORNER, Ways. Trees, 3rd ed. (1988) 252; KENG, Conc. Fl. Sing. (1990) 133; — *Leucopogon malayanus* JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 103; RIDLEY, Fl. Mal. Pen. 2 (1923) 223; BURKILL, Dict. (1935) 1340; CORNER, Ways. Trees 1st ed. (1940) 218; HENDERSON, Mal. Wild Fl. Dic. (1959) 265.

ERICACEAE

- 820 **Rhododendron longiflorum** LINDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 219; HENDERSON, Mal. Wild Fl. Dic. (1959) 262; SLEUMER, Fl. Males. I 6⁴ (1966) 640; NG, Tree Fl. Malaya 3 (1978) 104; KENG, Conc. Fl. Sing. (1990) 133; — *R. lampongum* (*non* MIQ.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 103; — *R. javanicum* (BL.) BENN. *var. tubiflorum* HOOK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 103.
- 821 **Vaccinium acuminatissimum** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 103; RIDLEY, Fl. Mal. Pen. 2 (1923) 210; SLEUMER, Fl. Males. I 6⁴ (1966) 761; NG, Tree Fl. Malaya 3 (1978) 105.
- 822 **Vaccinium bracteatum** THUNB.; SLEUMER, Fl. Males. I 6⁴ (1966) 801; NG, Tree Fl. Malaya 3 (1978) 105; CORNER, Ways. Trees, 3rd ed. (1988) 254; — *V. malaccense* WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 103; RIDLEY, Fl. Mal. Pen. 2 (1923) 211; BURKILL, Dict. (1935) 2217; CORNER, Ways. Trees 1st ed. (1940) 219; HENDERSON, Mal. Wild Fl. Dic. (1959) 259.
- 823 **Vaccinium littoreum** MIQ.; SLEUMER, Fl. Males. I 6⁴ (1966) 854; NG, Tree Fl. Malaya 3 (1978) 107; — *V. bancanum* (*non* MIQ.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 103; — *V. hasseltii* MIQ.; RIDLEY, Fl. Mal. Pen. 2 (1923) 209; BURKILL, Dict. (1935) 2217.

ERIOCAULACEAE

- 824 **Eriocaulon longifolium** NEES; KENG, Gard. Bull. Sing. 40 (1987) 126; — *E. sexangulare* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 54; RIDLEY, Fl. Mal. Pen. 5 (1925) 133; HENDERSON, Mal. Wild Fl. Monoc. (1954) 212.
- 825 **Eriocaulon truncatum** BUCH.-HAM. *ex* MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 54; RIDLEY, Fl. Mal. Pen. 5 (1925) 135; HENDERSON, Mal. Wild Fl. Monoc. (1954) 212; KENG, Gard. Bull. Sing. 40 (1987) 126.

ERYTHROXYLACEAE

- 826 **Erythroxylum cuneatum** (MIQ.) KURZ; BURKILL, Dict. (1935) 950; CORNER, Ways. Trees 1st ed. (1940) 220; PAYENS, Fl. Males. I 5⁴ (1958) 548; COCKBURN, Tree Fl. Malaya 1 (1972) 194; CORNER, Ways. Trees, 3rd ed. (1988) 255; KENG, Conc. Fl. Sing. (1990) 94; — *E. burmanicum* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 324.

EUPHORBIACEAE

- 827 **Acalypha boehmerioides** MIQ.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 35.
- 828 **Acalypha indica** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 140; RIDLEY, Fl. Mal. Pen. 3 (1924) 274; WHITMORE, Tree Fl. Malaya 2 (1973) 51; KENG, Conc. Fl. Sing. (1990) 105.
- 829 **Actephila excelsa** (DALZ.) M.A. *var. javanica* (MIQ.) P. & H.; WHITMORE, Tree Fl. Malaya 2 (1973) 52; KENG, Conc. Fl. Sing. (1990) 106; — *A. excelsa*; RIDLEY, Fl. Mal. Pen. 3 (1924) 196; — *A. javanica* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 135; RIDLEY, Fl. Mal. Pen. 3 (1924) 196.
- 830 **Agrostistachys gaudichaudii** M.A.; RIDLEY, Fl. Mal. Pen. 3 (1924) 268; WHITMORE, Tree Fl. Malaya 2 (1973) 57; — *A. filipendula* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 140.
- 831 **Agrostistachys longifolia** (WIGHT) BENTH. *ex* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 140 (*var. malayana* HOOK. f.); WHITMORE, Tree Fl. Malaya 2 (1973) 53; CORNER, Ways. Trees, 3rd ed. (1988) 264; KENG, Conc. Fl. Sing. (1990) 106; — *A. borneensis* BECC.; RIDLEY, Fl. Mal. Pen. 3 (1924) 268; — *A. sessilifolia* (KURZ) P. & H.; RIDLEY, Fl. Mal. Pen. 3 (1924) 267; CORNER, Ways. Trees 1st ed. (1940) 229; CORNER, Ways. Trees, 3rd ed. (1988) 264.
- 832 **Alchornea rugosa** (LOUR.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 141; WHITMORE, Tree Fl. Malaya 2 (1973) 53; KENG, Conc. Fl. Sing. (1990) 106; — *A. javensis* (ENDL. *ex* HASSK.) M.A.; RIDLEY, Fl. Mal. Pen. 3 (1924) 278.
- 833 **Alchornea villosa** (BENTH.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 141; RIDLEY, Fl. Mal. Pen. 3 (1924) 277; WHITMORE, Tree Fl. Malaya 2 (1973) 54; CORNER, Ways. Trees, 3rd ed. (1988) 265; KENG, Conc. Fl. Sing. (1990) 106.
- 834 **Antidesma coriaceum** TUL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 233; WHITMORE, Tree Fl. Malaya 2 (1973) 57; KENG, Conc. Fl. Sing. (1990) 106; — *A. fallax* M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 138; — *Embelia lucida* WALL. *ex* A. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 104.
- 835 **Antidesma cuspidatum** M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 138; RIDLEY, Fl. Mal. Pen. 3 (1924) 232; WHITMORE, Tree Fl. Malaya 2 (1973) 58; KENG, Conc. Fl. Sing. (1990) 106.
- 836 **Antidesma neurocarpum** MIQ.; WHITMORE, Tree Fl. Malaya 2 (1973) 57; CORNER, Ways. Trees, 3rd ed. (1988) 269; KENG, Conc. Fl. Sing. (1990) 106; — *A. alatum* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 138; RIDLEY, Fl. Mal. Pen. 3 (1924) 227; CORNER, Ways. Trees 1st ed. (1940) 232.

- 837 **Antidesma velutinosum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137; RIDLEY, Fl. Mal. Pen. 3 (1924) 231; WHITMORE, Tree Fl. Malaya 2 (1973) 55; CORNER, Ways. Trees, 3rd ed. (1988) 270; KENG, Conc. Fl. Sing. (1990) 106.
- 838 **Aporusa benthamiana** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137; RIDLEY, Fl. Mal. Pen. 3 (1924) 236; WHITMORE, Tree Fl. Malaya 2 (1973) 59; CORNER, Ways. Trees, 3rd ed. (1988) 271; KENG, Conc. Fl. Sing. (1990) 106.
- 839 **Aporusa bracteosa** P. & H.; RIDLEY, Fl. Mal. Pen. 3 (1924) 237; WHITMORE, Tree Fl. Malaya 2 (1973) 60; KENG, Conc. Fl. Sing. (1990) 106.
- 840 **Aporusa confusa** GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 238; WHITMORE, Tree Fl. Malaya 2 (1973) 59; KENG, Conc. Fl. Sing. (1990) 106.
- 841 **Aporusa falcifera** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137; RIDLEY, Fl. Mal. Pen. 3 (1924) 236; WHITMORE, Tree Fl. Malaya 2 (1973) 60; KENG, Conc. Fl. Sing. (1990) 106.
- 842 **Aporusa frutescens** BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 241; WHITMORE, Tree Fl. Malaya 2 (1973) 59; CORNER, Ways. Trees, 3rd ed. (1988) 272; KENG, Conc. Fl. Sing. (1990) 106; — *A. fruticosa* (BL.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137.
- 843 **Aporusa lunata** (MIQ.) KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137; RIDLEY, Fl. Mal. Pen. 3 (1924) 237; WHITMORE, Tree Fl. Malaya 2 (1973) 59; KENG, Conc. Fl. Sing. (1990) 106.
- 844 **Aporusa microstachya** (TUL.) M.A.; WHITMORE, Tree Fl. Malaya 2 (1973) 61; CORNER, Ways. Trees, 3rd ed. (1988) 273; KENG, Conc. Fl. Sing. (1990) 107; — *A. maingayi* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137; RIDLEY, Fl. Mal. Pen. 3 (1924) 241; CORNER, Ways. Trees 1st ed. (1940) 237.
- 845 **Aporusa nervosa** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 238; WHITMORE, Tree Fl. Malaya 2 (1973) 61; KENG, Conc. Fl. Sing. (1990) 107.
- 846 **Aporusa nigricans** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137; RIDLEY, Fl. Mal. Pen. 3 (1924) 239; WHITMORE, Tree Fl. Malaya 2 (1973) 61; KENG, Conc. Fl. Sing. (1990) 107.
- 847 **Aporusa prainiana** KING ex GAGE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137; RIDLEY, Fl. Mal. Pen. 3 (1924) 240; WHITMORE, Tree Fl. Malaya 2 (1973) 60; KENG, Conc. Fl. Sing. (1990) 107.
- 848 **Aporusa symplocoides** (HOOK. f.) GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 240; WHITMORE, Tree Fl. Malaya 2 (1973) 60; KENG, Conc. Fl. Sing. (1990) 107; — *Baccaurea symplocoides* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 139.
- 849 **Austrobuxus nitidus** MIQ.; WHITMORE, Tree Fl. Malaya 2 (1973) 63; CORNER, Ways. Trees, 3rd ed. (1988) 273; KENG, Conc. Fl. Sing. (1990) 107; — *Choriophyllum malayanum* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137; — *Longetia malayana* (BENTH.) P. & H.; RIDLEY, Fl. Mal. Pen. 3 (1924) 224; CORNER, Ways. Trees 1st ed. (1940) 260.

- 850 **Baccaurea bracteata** M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 138; RIDLEY, Fl. Mal. Pen. 3 (1924) 246; WHITMORE, Tree Fl. Malaya 2 (1973) 67; CORNER, Ways. Trees, 3rd ed. (1988) 275; KENG, Conc. Fl. Sing. (1990) 107.
- 851 **Baccaurea griffithii** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 248; WHITMORE, Tree Fl. Malaya 2 (1973) 66; KENG, Conc. Fl. Sing. (1990) 107.
- 852 **Baccaurea hookeri** GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 247; WHITMORE, Tree Fl. Malaya 2 (1973) 67; KENG, Conc. Fl. Sing. (1990) 107; — *Baccaurea sp. B*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 138.
- 853 **Baccaurea kunstleri** KING *ex* GAGE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 139; RIDLEY, Fl. Mal. Pen. 3 (1924) 248; WHITMORE, Tree Fl. Malaya 2 (1973) 65; KENG, Conc. Fl. Sing. (1990) 107.
- 854 **Baccaurea lanceolata** (MIQ.) M.A.; RIDLEY, Fl. Mal. Pen. 3 (1924) 248; WHITMORE, Tree Fl. Malaya 2 (1973) 65; CORNER, Ways. Trees, 3rd ed. (1988) 276; KENG, Conc. Fl. Sing. (1990) 107.
- 855 **Baccaurea latifolia** KING *ex* HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 249; WHITMORE, Tree Fl. Malaya 2 (1973) 67.
- 856 **Baccaurea macrophylla** (M.A.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 138; RIDLEY, Fl. Mal. Pen. 3 (1924) 247; WHITMORE, Tree Fl. Malaya 2 (1973) 66; KENG, Conc. Fl. Sing. (1990) 107.
- 857 **Baccaurea maingayi** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 246; WHITMORE, Tree Fl. Malaya 2 (1973) 65; KENG, Conc. Fl. Sing. (1990) 107.
- 858 **Baccaurea minor** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 139; RIDLEY, Fl. Mal. Pen. 3 (1924) 245; WHITMORE, Tree Fl. Malaya 2 (1973) 66; KENG, Conc. Fl. Sing. (1990) 107.
- 859 **Baccaurea motleyana** (M.A.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 138; RIDLEY, Fl. Mal. Pen. 3 (1924) 250; WHITMORE, Tree Fl. Malaya 2 (1973) 66; CORNER, Ways. Trees, 3rd ed. (1988) 277; KENG, Conc. Fl. Sing. (1990) 107.
- 860 **Baccaurea parviflora** (M.A.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 138; RIDLEY, Fl. Mal. Pen. 3 (1924) 243; WHITMORE, Tree Fl. Malaya 2 (1973) 64; CORNER, Ways. Trees, 3rd ed. (1988) 277; KENG, Conc. Fl. Sing. (1990) 107; — *B. scortechinii* HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 244; CORNER, Ways. Trees 1st ed. (1940) 242; CORNER, Ways. Trees, 3rd ed. (1988) 278.
- 861 **Baccaurea pyriformis** GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 249; WHITMORE, Tree Fl. Malaya 2 (1973) 67; CORNER, Ways. Trees, 3rd ed. (1988) 277; KENG, Conc. Fl. Sing. (1990) 107.
- 862 **Baccaurea racemosa** (REINW.) M.A.; WHITMORE, Tree Fl. Malaya 2 (1973) 64; KENG, Conc. Fl. Sing. (1990) 107; — *B. wallichii* HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 245.
- 863 **Baccaurea reticulata** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 139; RIDLEY, Fl. Mal. Pen. 3 (1924) 246; WHITMORE, Tree Fl. Malaya 2 (1973) 67; CORNER, Ways. Trees, 3rd ed. (1988) 278; KENG, Conc. Fl. Sing. (1990) 107.

- 864 **Baccaurea sumatrana** (MIQ.) M.A.; WHITMORE, Tree Fl. Malaya 2 (1973) 65; KENG, Conc. Fl. Sing. (1990) 107; — *B. kingii* GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 245.
- 865 **Blumeodendron tokbrai** (BL.) KURZ; WHITMORE, Tree Fl. Malaya 2 (1973) 71; AIRY SHAW, Euphorbs of Borneo (1975) 60; KENG, Conc. Fl. Sing. (1990) 107; — *Mallotus vernicosus* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 141; — *B. vernicosum* (HOOK. f.) GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 282.
- 866 **Breynia coronata** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 218; WHITMORE, Tree Fl. Malaya 2 (1973) 73; CORNER, Ways. Trees, 3rd ed. (1988) 318; KENG, Conc. Fl. Sing. (1990) 108.
- 867 **Breynia discigera** M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 136; RIDLEY, Fl. Mal. Pen. 3 (1924) 217; WHITMORE, Tree Fl. Malaya 2 (1973) 73; CORNER, Ways. Trees, 3rd ed. (1988) 318; KENG, Conc. Fl. Sing. (1990) 108.
- 868 **Breynia reclinata** (ROXB.) HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 136; RIDLEY, Fl. Mal. Pen. 3 (1924) 219; WHITMORE, Tree Fl. Malaya 2 (1973) 73; CORNER, Ways. Trees, 3rd ed. (1988) 318; KENG, Conc. Fl. Sing. (1990) 108.
- 869 **Breynia vitis-idaea** (BURM. f.) C.E.C. FISCH.; WHITMORE, Tree Fl. Malaya 2 (1973) 73; KENG, Conc. Fl. Sing. (1990) 108; — *B. rhamnoides* (RETZ.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 136; RIDLEY, Fl. Mal. Pen. 3 (1924) 218; — *B. keithii* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 219.
- 870 **Bridelia cinnamomea** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 185; WHITMORE, Tree Fl. Malaya 2 (1973) 74.
- 871 **Bridelia griffithii** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 185; WHITMORE, Tree Fl. Malaya 2 (1973) 75.
- 872 **Bridelia pustulata** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 135; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 90; RIDLEY, Fl. Mal. Pen. 3 (1924) 185; WHITMORE, Tree Fl. Malaya 2 (1973) 74; KENG, Conc. Fl. Sing. (1990) 108.
- 873 **Bridelia stipularis** (L.) BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 183; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 90; WHITMORE, Tree Fl. Malaya 2 (1973) 74; CORNER, Ways. Trees, 3rd ed. (1988) 279; KENG, Conc. Fl. Sing. (1990) 108.
- 874 **Bridelia tomentosa** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 135; RIDLEY, Fl. Mal. Pen. 3 (1924) 184; WHITMORE, Tree Fl. Malaya 2 (1973) 74; CORNER, Ways. Trees, 3rd ed. (1988) 280; KENG, Conc. Fl. Sing. (1990) 108.
- 875 **Cheilosa malayana** (HOOK. f.) CORNER *ex* AIRY SHAW; WHITMORE, Tree Fl. Malaya 2 (1973) 77; — *Baccaurea malayana* KING *ex* HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 247.
- 876 **Claoxylon indicum** (REINW. *ex* BL.) ENDL. *ex* HASSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 140; RIDLEY, Fl. Mal. Pen. 3 (1924) 271; WHITMORE, Tree Fl. Malaya 2 (1973) 78; CORNER, Ways. Trees, 3rd ed. (1988) 282; KENG, Conc. Fl. Sing. (1990) 108.

- 877 **Claoxylon longifolium** ENDL. *ex* HASSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 140 (*var. brachystachys* HOOK. *f.*); RIDLEY, Fl. Mal. Pen. 3 (1924) 272 (*incl. var. brachystachys* HOOK. *f.*); WHITMORE, Tree Fl. Malaya 2 (1973) 79; CORNER, Ways. Trees, 3rd ed. (1988) 282; KENG, Conc. Fl. Sing. (1990) 108.
- 878 **Cleistanthus hirsutulus** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 135; RIDLEY, Fl. Mal. Pen. 3 (1924) 192; WHITMORE, Tree Fl. Malaya 2 (1973) 81; KENG, Conc. Fl. Sing. (1990) 108.
- 879 **Cleistanthus macrophyllus** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 135; RIDLEY, Fl. Mal. Pen. 3 (1924) 192; WHITMORE, Tree Fl. Malaya 2 (1973) 81; KENG, Conc. Fl. Sing. (1990) 108.
- 880 **Cleistanthus malaccensis** HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 3 (1924) 189; WHITMORE, Tree Fl. Malaya 2 (1973) 82; KENG, Conc. Fl. Sing. (1990) 108.
- 881 **Cleistanthus myrianthus** (HASSK.) KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 135; RIDLEY, Fl. Mal. Pen. 3 (1924) 194; WHITMORE, Tree Fl. Malaya 2 (1973) 82; KENG, Conc. Fl. Sing. (1990) 108.
- 882 **Cleistanthus sumatranus** (MIQ.) M.A.; RIDLEY, Fl. Mal. Pen. 3 (1924) 192; WHITMORE, Tree Fl. Malaya 2 (1973) 82; KENG, Conc. Fl. Sing. (1990) 108; — *C. laevis* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 135; — *C. heterophyllus* HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 3 (1924) 190.
- 883 **Croton argyratus** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 139; RIDLEY, Fl. Mal. Pen. 3 (1924) 260; WHITMORE, Tree Fl. Malaya 2 (1973) 85; CORNER, Ways. Trees, 3rd ed. (1988) 283; KENG, Conc. Fl. Sing. (1990) 108.
- A 884 **Croton bonplandianus** BAILL.; WHITMORE, Tree Fl. Malaya 2 (1973) 84; KENG, Conc. Fl. Sing. (1990) 109; — *C. sparsiflorus* MORONG; CORLETT, J. Biogeog. (1988) 661.
- 885 **Croton caudatus** GEISEL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 140; RIDLEY, Fl. Mal. Pen. 3 (1924) 259 (*var. malaccanus*); WHITMORE, Tree Fl. Malaya 2 (1973) 85; KENG, Conc. Fl. Sing. (1990) 108.
- 886 **Croton heterocarpus** M.A.; WHITMORE, Tree Fl. Malaya 2 (1973) 85; CORNER, Ways. Trees, 3rd ed. (1988) 284; KENG, Conc. Fl. Sing. (1990) 108; — *C. heteropetalum* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 262.
- A 887 **Croton hirtus** L'HÉRIT.; WHITMORE, Tree Fl. Malaya 2 (1973) 84; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 109.
- 888 **Croton laevifolius** BL.; WHITMORE, Tree Fl. Malaya 2 (1973) 85; CORNER, Ways. Trees, 3rd ed. (1988) 284; KENG, Conc. Fl. Sing. (1990) 108; — *C. griffithii* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 140; RIDLEY, Fl. Mal. Pen. 3 (1924) 261; — *C. confusus* GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 261.
- 889 **Drypetes pendula** RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 222; WHITMORE, Tree Fl. Malaya 2 (1973) 89; CORNER, Ways. Trees, 3rd ed. (1988) 285; KENG, Conc. Fl. Sing. (1990) 109; — *Cyclostemon longifolius* (*non* BL.) HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137.

- 890 **Endospermum diadenum** (MIQ.) AIRY SHAW; CORNER, Ways. Trees, 3rd ed. (1988) 288; KENG, Conc. Fl. Sing. (1990) 109; — *E. malaccense* BENTH. ex M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 142; RIDLEY, Fl. Mal. Pen. 3 (1924) 305; WHITMORE, Tree Fl. Malaya 2 (1973) 93; — *E. ovalifolium* P. & H.; RIDLEY, Fl. Mal. Pen. 3 (1924) 305.
- 891 **Euphorbia atoto** FORST. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; RIDLEY, Fl. Mal. Pen. 3 (1924) 181; HENDERSON, Mal. Wild Fl. Dic. (1959) 462; KENG, Conc. Fl. Sing. (1990) 109.
- A 892 **Euphorbia heterophylla** L.; RIDLEY, Fl. Mal. Pen. 3 (1924) 181; HENDERSON, Mal. Wild Fl. Dic. (1959) 462; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 109; HUFT, Man. Fl. Pl. Hawai'i 1 (1990) 619.
- A 893 **Euphorbia hirta** L.; RIDLEY, Fl. Mal. Pen. 3 (1924) 181; HENDERSON, Mal. Wild Fl. Dic. (1959) 462; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 109; — *E. pilulifera* auct. plur., non L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; — *Chamaesyce hirta* (L.) MILLSP.; HUFT, Man. Fl. Pl. Hawai'i 1 (1990) 609
- 894 **Euphorbia thymifolia** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; RIDLEY, Fl. Mal. Pen. 3 (1924) 182; HENDERSON, Mal. Wild Fl. Dic. (1959) 461; KENG, Conc. Fl. Sing. (1990) 109; — *Chamaesyce thymifolia* (L.) MILLSP.; HUFT, Man. Fl. Pl. Hawai'i 1 (1990) 615.
- 895 **Excoecaria agallocha** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; RIDLEY, Fl. Mal. Pen. 3 (1924) 314; WHITMORE, Tree Fl. Malaya 2 (1973) 96; KENG, Conc. Fl. Sing. (1990) 109.
- 896 **Fahrenheitia pendula** (HASSK.) AIRY SHAW; WHITMORE, Tree Fl. Malaya 2 (1973) 97; KENG, Conc. Fl. Sing. (1990) 110; — *Ostodes macrophylla* (M.A.) BENTH. ex P. & H.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 140; RIDLEY, Fl. Mal. Pen. 3 (1924) 269.
- 897 **Galearia fulva** (TUL.) MIQ.; RIDLEY, Fl. Mal. Pen. 3 (1924) 257; WHITMORE, Tree Fl. Malaya 2 (1973) 98; KENG, Conc. Fl. Sing. (1990) 110; — *G. affinis* (R. BR) MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 139; RIDLEY, Fl. Mal. Pen. 3 (1924) 255; — *G. phlebocarpa* (R. BR) MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 139; RIDLEY, Fl. Mal. Pen. 3 (1924) 255; — *G. subulata* (M.A.) HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 139; RIDLEY, Fl. Mal. Pen. 3 (1924) 258; — *G. wallichii* (R. BR.) KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 139; RIDLEY, Fl. Mal. Pen. 3 (1924) 256; — *G. finlaysonii* (R. BR) MIQ.; RIDLEY, Fl. Mal. Pen. 3 (1924) 257; — *G. fusca* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 257; — *G. lindleyana* (TUL.) HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 255; — *G. minor* GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 256; — *G. pedicellata* (R. BR) MIQ.; RIDLEY, Fl. Mal. Pen. 3 (1924) 257; — *G. ridleyi* GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 256.
- 898 **Glochidion arborescens** BL.; WHITMORE, Tree Fl. Malaya 2 (1973) 100.

- 899 **Glochidion brunneum** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 136; RIDLEY, Fl. Mal. Pen. 3 (1924) 207; WHITMORE, Tree Fl. Malaya 2 (1973) 100; CORNER, Ways. Trees, 3rd ed. (1988) 323; KENG, Conc. Fl. Sing. (1990) 110; — *G. goniocarpum* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 136; RIDLEY, Fl. Mal. Pen. 3 (1924) 211; — *G. maingayi* HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 3 (1924) 210; — *G. pedunculatum* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 207.
- 900 **Glochidion fuscum** (M.A.) BOERL.; WHITMORE, Tree Fl. Malaya 2 (1973) 100.
- 901 **Glochidion glomerulatum** (MIQ.) BOERL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 209; WHITMORE, Tree Fl. Malaya 2 (1973) 100; CORNER, Ways. Trees, 3rd ed. (1988) 323; KENG, Conc. Fl. Sing. (1990) 110; — *G. nanogynum* (M.A.) HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 3 (1924) 214.
- 902 **Glochidion hypoleucum** (MIQ.) BOERL.; WHITMORE, Tree Fl. Malaya 2 (1973) 101; KENG, Conc. Fl. Sing. (1990) 110; — *G. laevigatum* (M.A.) HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 3 (1924) 215; — *G. lutescens*; CORNER, Ways. Trees, 3rd ed. (1988) 324.
- 903 **Glochidion kunstlerianum** GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 210; WHITMORE, Tree Fl. Malaya 2 (1973) 102.
- 904 **Glochidion littorale** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 136; RIDLEY, Fl. Mal. Pen. 3 (1924) 207; WHITMORE, Tree Fl. Malaya 2 (1973) 101; CORNER, Ways. Trees, 3rd ed. (1988) 323; KENG, Conc. Fl. Sing. (1990) 110.
- 905 **Glochidion microbotrys** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 136; RIDLEY, Fl. Mal. Pen. 3 (1924) 209; WHITMORE, Tree Fl. Malaya 2 (1973) 99; KENG, Conc. Fl. Sing. (1990) 110; — *G. trilobum* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 210, *p.p.*
- 906 **Glochidion perakense** HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 3 (1924) 213; WHITMORE, Tree Fl. Malaya 2 (1973) 101; CORNER, Ways. Trees, 3rd ed. (1988) 325; — *G. glaberrimum* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 208; — *G. zeylanicum* (GAERTN.) A. JUSS.; KENG, Conc. Fl. Sing. (1990) 110.
- 907 **Glochidion rubrum** BL.; WHITMORE, Tree Fl. Malaya 2 (1973) 101; CORNER, Ways. Trees, 3rd ed. (1988) 325; — *G. leiostylum* KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 136; RIDLEY, Fl. Mal. Pen. 3 (1924) 212; CORNER, Ways. Trees, 3rd ed. (1988) 323; — *G. laevigatum* var. *cuspidatum* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 215.
- 908 **Glochidion sericeum** (BL.) ZOLL. & MOR.; RIDLEY, Fl. Mal. Pen. 3 (1924) 215; WHITMORE, Tree Fl. Malaya 2 (1973) 101; AIRY SHAW, Euphorbs of Borneo (1975) 132; CORNER, Ways. Trees, 3rd ed. (1988) 326; KENG, Conc. Fl. Sing. (1990) 110.
- 909 **Glochidion singaporense** GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 209; WHITMORE, Tree Fl. Malaya 2 (1973) 101; CORNER, Ways. Trees, 3rd ed. (1988) 326; KENG, Conc. Fl. Sing. (1990) 110.
- 910 **Glochidion superbum** BAILL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 136; RIDLEY, Fl. Mal. Pen. 3 (1924) 208; WHITMORE, Tree Fl. Malaya 2 (1973) 99; CORNER, Ways. Trees, 3rd ed. (1988) 326; KENG, Conc. Fl. Sing. (1990) 110.

- 911 **Glochidion wallichianum** M.A.; RIDLEY, Fl. Mal. Pen. 3 (1924) 213; WHITMORE, Tree Fl. Malaya 2 (1973) 99; CORNER, Ways. Trees, 3rd ed. (1988) 326; KENG, Conc. Fl. Sing. (1990) 110; — *G. desmocarpaceum* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 136; RIDLEY, Fl. Mal. Pen. 3 (1924) 214; — *G. trilobum* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 210, *p.p.*.
- A 912 **Hevea brasiliensis** (WILLD. *ex* A. JUSS.) M.A.; CORNER, Ways. Trees, 3rd ed. (1988) 292; KENG, Conc. Fl. Sing. (1990) 110.
- 913 **Koelodepas longifolium** HOOK. f.; WHITMORE, Tree Fl. Malaya 2 (1973) 104; KENG, Conc. Fl. Sing. (1990) 111; — *Coelodepas glanduligerum* P. & H.; RIDLEY, Fl. Mal. Pen. 3 (1924) 275.
- 914 **Macaranga caladiifolia** BECC.; WHITMORE, Euphorbs of Borneo (1975) 150; — *M. puncticulata* GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 302; WHITMORE, Tree Fl. Malaya 2 (1973) 111; CORNER, Ways. Trees, 3rd ed. (1988) 303; KENG, Conc. Fl. Sing. (1990) 111.
- 915 **Macaranga conifera** (ZOLL.) M.A.; WHITMORE, Tree Fl. Malaya 2 (1973) 112; CORNER, Ways. Trees, 3rd ed. (1988) 300; KENG, Conc. Fl. Sing. (1990) 111; — *M. populifolia* (MIQ.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 142; RIDLEY, Fl. Mal. Pen. 3 (1924) 304.
- 916 **Macaranga gigantea** (RCHB. f. & ZOLL.) M.A.; WHITMORE, Tree Fl. Malaya 2 (1973) 107; CORNER, Ways. Trees, 3rd ed. (1988) 301; KENG, Conc. Fl. Sing. (1990) 111; — *M. megalophylla* (M.A.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 141; RIDLEY, Fl. Mal. Pen. 3 (1924) 298.
- 917 **Macaranga griffithiana** M.A.; RIDLEY, Fl. Mal. Pen. 3 (1924) 299; WHITMORE, Tree Fl. Malaya 2 (1973) 107; CORNER, Ways. Trees, 3rd ed. (1988) 301; KENG, Conc. Fl. Sing. (1990) 111.
- 918 **Macaranga heynei** I.M. JOHNSTON; WHITMORE, Tree Fl. Malaya 2 (1973) 112; KENG, Conc. Fl. Sing. (1990) 111; — *M. rubiginosa* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 303; — *M. javanica* [*non* (BL.) M.A.] HOOK. f.; CORNER, Ways. Trees, 3rd ed. (1988) 302.
- 919 **Macaranga hosei** KING *ex* HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 298; WHITMORE, Tree Fl. Malaya 2 (1973) 111; CORNER, Ways. Trees, 3rd ed. (1988) 301; KENG, Conc. Fl. Sing. (1990) 111.
- 920 **Macaranga hullettii** KING *ex* HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 301; WHITMORE, Tree Fl. Malaya 2 (1973) 107; KENG, Conc. Fl. Sing. (1990) 111; — *M. cornuta sensu* CORNER; CORNER, Ways. Trees, 3rd ed. (1988) 300.
- 921 **Macaranga hypoleuca** (RCHB. f. & ZOLL.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 141; RIDLEY, Fl. Mal. Pen. 3 (1924) 300; WHITMORE, Tree Fl. Malaya 2 (1973) 106; CORNER, Ways. Trees, 3rd ed. (1988) 302; KENG, Conc. Fl. Sing. (1990) 111.
- 922 **Macaranga lowii** KING *ex* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 142; RIDLEY, Fl. Mal. Pen. 3 (1924) 304; WHITMORE, Tree Fl. Malaya 2 (1973) 112; KENG, Conc. Fl. Sing. (1990) 111.

- 923 **Macaranga pruinosa** (MIQ.) M.A.; WHITMORE, Tree Fl. Malaya 2 (1973) 106; CORNER, Ways. Trees, 3rd ed. (1988) 303; KENG, Conc. Fl. Sing. (1990) 111; — *M. maingayi* HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 298.
- 924 **Macaranga recurvata** GAGE; RIDLEY, Fl. Mal. Pen. 3 (1924) 301; WHITMORE, Tree Fl. Malaya 2 (1973) 111; CORNER, Ways. Trees, 3rd ed. (1988) 303; KENG, Conc. Fl. Sing. (1990) 111.
- 925 **Macaranga trichocarpa** (RCHB. f. & ZOLL.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 142; RIDLEY, Fl. Mal. Pen. 3 (1924) 303; WHITMORE, Tree Fl. Malaya 2 (1973) 112; CORNER, Ways. Trees, 3rd ed. (1988) 304; KENG, Conc. Fl. Sing. (1990) 111.
- 926 **Macaranga triloba** (BL.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 142; RIDLEY, Fl. Mal. Pen. 3 (1924) 298; WHITMORE, Tree Fl. Malaya 2 (1973) 107; CORNER, Ways. Trees, 3rd ed. (1988) 304; KENG, Conc. Fl. Sing. (1990) 112.
- 927 **Mallotus macrostachyus** (MIQ.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 141; RIDLEY, Fl. Mal. Pen. 3 (1924) 288; WHITMORE, Tree Fl. Malaya 2 (1973) 114; CORNER, Ways. Trees, 3rd ed. (1988) 306; KENG, Conc. Fl. Sing. (1990) 112.
- 928 **Mallotus paniculatus** (LAMK.) M.A.; WHITMORE, Tree Fl. Malaya 2 (1973) 114; CORNER, Ways. Trees, 3rd ed. (1988) 307; KENG, Conc. Fl. Sing. (1990) 112; — *M. cochinchinensis* LOUR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 141; RIDLEY, Fl. Mal. Pen. 3 (1924) 289.
- 929 **Mallotus penangensis** M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 141; RIDLEY, Fl. Mal. Pen. 3 (1924) 293; WHITMORE, Tree Fl. Malaya 2 (1973) 116; KENG, Conc. Fl. Sing. (1990) 112.
- A 930 **Manihot esculenta** CRANTZ; KENG, Conc. Fl. Sing. (1990) 112.
- A 931 **Manihot glaziovii** M.A.; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 112.
- 932 **Megistostigma malaccense** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 142; WHITMORE, Tree Fl. Malaya 2 (1973) 83; KENG, Conc. Fl. Sing. (1990) 112; — *Sphaerostylis malaccensis* (HOOK. f.) P. & H.; RIDLEY, Fl. Mal. Pen. 3 (1924) 308.
- 933 **Micrococca mercurialis** (L.) BENTH.; RIDLEY, Fl. Mal. Pen. 3 (1924) 273; WHITMORE, Tree Fl. Malaya 2 (1973) 118; KENG, Conc. Fl. Sing. (1990) 112.
- 934 **Microdesmis caseariifolia** PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 139; RIDLEY, Fl. Mal. Pen. 3 (1924) 258; WHITMORE, Tree Fl. Malaya 2 (1973) 119; KENG, Conc. Fl. Sing. (1990) 112.
- 935 **Neoscortechinia kingii** (HOOK. f.) P. & H.; WHITMORE, Tree Fl. Malaya 2 (1973) 120; MAXWELL, Gard. Bull. Sing. 35 (1983) 192; KENG, Conc. Fl. Sing. (1990) 112; — *Scortechinia kingii* HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 251.
- A 936 **Phyllanthus amarus** SCHUM. & THONN.; WHITMORE, Tree Fl. Malaya 2 (1973) 122; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 112; — *P. niruri auct., non* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 135; RIDLEY, Fl. Mal. Pen. 3 (1924) 199; HENDERSON, Mal. Wild Fl. Dic. (1959) 463.

- A 937 **Phyllanthus debilis** KLEIN *ex* WILLD.
- 938 **Phyllanthus emblica** L.; WHITMORE, Tree Fl. Malaya 2 (1973) 123; KENG, Conc. Fl. Sing. (1990) 112; — *P. pectinatus* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 135; — *Emblipa pectinata* (HOOK. *f.*) RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 217; — *Emblipa officinalis* GAERTN.; BURKILL, Dict. (1935) 920; CORNER, Ways. Trees 1st ed. (1940) 282; CORNER, Ways. Trees, 3rd ed. (1988) 319.
- A 939 **Phyllanthus urinaria** L.; RIDLEY, Fl. Mal. Pen. 3 (1924) 200; HENDERSON, Mal. Wild Fl. Dic. (1959) 464; WHITMORE, Tree Fl. Malaya 2 (1973) 122; KENG, Conc. Fl. Sing. (1990) 113.
- 940 **Pimeleodendron griffithianum** (M.A.) BENTH.; RIDLEY, Fl. Mal. Pen. 3 (1924) 313; WHITMORE, Tree Fl. Malaya 2 (1973) 125; KENG, Conc. Fl. Sing. (1990) 113.
- 941 **Pterococcus corniculatus** (SM.) P. & H.; WHITMORE, Tree Fl. Malaya 2 (1973) 84; KENG, Conc. Fl. Sing. (1990) 113; — *P. glaberrimus* HASSK.; RIDLEY, Fl. Mal. Pen. 3 (1924) 309.
- 942 **Ptychopyxis caput-medusae** (HOOK. *f.*) RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 295; WHITMORE, Tree Fl. Malaya 2 (1973) 127; KENG, Conc. Fl. Sing. (1990) 113.
- 943 **Ptychopyxis costata** MIQ. *var. oblanceolata* AIRY SHAW; WHITMORE, Tree Fl. Malaya 2 (1973) 127; KENG, Conc. Fl. Sing. (1990) 113; — *P. costata*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 142; RIDLEY, Fl. Mal. Pen. 3 (1924) 295.
- A 944 **Ricinus communis** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 142; RIDLEY, Fl. Mal. Pen. 3 (1924) 309; CORNER, Ways. Trees, 3rd ed. (1988) 309; KENG, Conc. Fl. Sing. (1990) 113.
- 945 **Sapium discolor** (CHAMP. *ex* BENTH.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; RIDLEY, Fl. Mal. Pen. 3 (1924) 316; WHITMORE, Tree Fl. Malaya 2 (1973) 129; CORNER, Ways. Trees, 3rd ed. (1988) 311; KENG, Conc. Fl. Sing. (1990) 113.
- 946 **Sapium indicum** WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; RIDLEY, Fl. Mal. Pen. 3 (1924) 317; WHITMORE, Tree Fl. Malaya 2 (1973) 129; CORNER, Ways. Trees, 3rd ed. (1988) 312; KENG, Conc. Fl. Sing. (1990) 113.
- 947 **Sauropus androgynus** (L.) MERR.; WHITMORE, Tree Fl. Malaya 2 (1973) 131; KENG, Conc. Fl. Sing. (1990) 113; — *S. albicans* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 137; RIDLEY, Fl. Mal. Pen. 3 (1924) 220; — *S. sumatranus* MIQ.; RIDLEY, Fl. Mal. Pen. 3 (1924) 220.
- 948 **Sebastiania chamalaea** (L.) M.A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; RIDLEY, Fl. Mal. Pen. 3 (1924) 317; HENDERSON, Mal. Wild Fl. Dic. (1959) 464; WHITMORE, Tree Fl. Malaya 2 (1973) 131; KENG, Conc. Fl. Sing. (1990) 113.
- A 949 **Securinega virosa** (ROXB. *ex* WILLD.) BAILL.; WHITMORE, Tree Fl. Malaya 2 (1973) 131; CORNER, Ways. Trees, 3rd ed. (1988) 313; KENG, Conc. Fl. Sing. (1990) 113; — *Flueggia microcarpa* BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 216; — *Flueggia virosa* (ROXB. *ex* WILLD.) BAILL.; CORNER, Ways. Trees 1st ed. (1940) 255.

- 950 **Suregada multiflora** (JUSS.) BAILL.; WHITMORE, Tree Fl. Malaya 2 (1973) 133; KENG, Conc. Fl. Sing. (1990) 113; — *Gelonium bifarium* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 142; RIDLEY, Fl. Mal. Pen. 3 (1924) 311; — *Gelonium multiflorum* JUSS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 142; RIDLEY, Fl. Mal. Pen. 3 (1924) 311; — *Gelonium glomerulatum* (BL.) HASSK.; RIDLEY, Fl. Mal. Pen. 3 (1924) 311.
- 951 **Synostemon bacciformis** (L.) G.L. WEBSTER; WHITMORE, Tree Fl. Malaya 2 (1973) 133; KENG, Conc. Fl. Sing. (1990) 114; — *Agyneia bacciformis* (L.) JUSS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 135; RIDLEY, Fl. Mal. Pen. 3 (1924) 198.
- 952 **Trigonostemon longifolius** BAILL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 140; RIDLEY, Fl. Mal. Pen. 3 (1924) 264; WHITMORE, Tree Fl. Malaya 2 (1973) 136; KENG, Conc. Fl. Sing. (1990) 114.

FAGACAEAE

- 953 **Castanopsis inermis** (LINDL. *ex* WALL.) BENTH. & HOOK. *f.*; CORNER, Ways. Trees 1st ed. (1940) 292; SOEPADMO, Fl. Males. I 7² (1972) 315; COCKBURN, Tree Fl. Malaya 1 (1972) 204; CORNER, Ways. Trees, 3rd ed. (1988) 330; KENG, Conc. Fl. Sing. (1990) 64; — *C. sumatrana* (MIQ.) A. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; RIDLEY, Fl. Mal. Pen. 3 (1924) 390.
- 954 **Castanopsis javanica** (BL.) A. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; SOEPADMO, Fl. Males. I 7² (1972) 306; COCKBURN, Tree Fl. Malaya 1 (1972) 205; CORNER, Ways. Trees, 3rd ed. (1988) 330; — *Pasania discocarpa* (HANCE) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 386; — *Quercus discocarpa* HANCE; BURKILL, Dict. (1935) 1855; CORNER, Ways. Trees 1st ed. (1940) 302.
- 955 **Castanopsis lucida** (NEES) SOEPADMO; SOEPADMO, Fl. Males. I 7² (1972) 318; COCKBURN, Tree Fl. Malaya 1 (1972) 205; KENG, Conc. Fl. Sing. (1990) 64; — *C. hullettii* KING *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; RIDLEY, Fl. Mal. Pen. 3 (1924) 389; BURKILL, Dict. (1935) 487; — *Alseodaphne lucida* NEES; RIDLEY, Fl. Mal. Pen. 3 (1924) 100.
- 956 **Castanopsis malaccensis** GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 388; CORNER, Ways. Trees 1st ed. (1940) 293; SOEPADMO, Fl. Males. I 7² (1972) 303; COCKBURN, Tree Fl. Malaya 1 (1972) 206; CORNER, Ways. Trees, 3rd ed. (1988) 330; KENG, Conc. Fl. Sing. (1990) 64.
- 957 **Castanopsis megacarpa** GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 390; CORNER, Ways. Trees 1st ed. (1940) 293; SOEPADMO, Fl. Males. I 7² (1972) 305; COCKBURN, Tree Fl. Malaya 1 (1972) 206; CORNER, Ways. Trees, 3rd ed. (1988) 330; KENG, Conc. Fl. Sing. (1990) 64.
- 958 **Castanopsis nephelioides** KING *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; RIDLEY, Fl. Mal. Pen. 3 (1924) 391; SOEPADMO, Fl. Males. I 7² (1972) 298; COCKBURN, Tree Fl. Malaya 1 (1972) 207; KENG, Conc. Fl. Sing. (1990) 64.
- 959 **Castanopsis schefferiana** HANCE; SOEPADMO, Fl. Males. I 7² (1972) 310; COCKBURN, Tree Fl. Malaya 1 (1972) 207; KENG, Conc. Fl. Sing. (1990) 65; — *C. andersonii* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 389.

- 960 ***Castanopsis wallichii*** KING *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; RIDLEY, Fl. Mal. Pen. 3 (1924) 391; CORNER, Ways. Trees 1st ed. (1940) 293; SOEPADMO, Fl. Males. I 7² (1972) 300; COCKBURN, Tree Fl. Malaya 1 (1972) 208; CORNER, Ways. Trees, 3rd ed. (1988) 331; KENG, Conc. Fl. Sing. (1990) 65.
- 961 ***Lithocarpus bennettii*** (MIQ.) REHD.; SOEPADMO, Fl. Males. I 7² (1972) 356; COCKBURN, Tree Fl. Malaya 1 (1972) 215; CORNER, Ways. Trees, 3rd ed. (1988) 339; KENG, Conc. Fl. Sing. (1990) 65; — *Quercus bennettii* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; BURKILL, Dict. (1935) 1854; CORNER, Ways. Trees 1st ed. (1940) 301; — *Pasania bennettii* (MIQ.) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 381.
- 962 ***Lithocarpus cantleyanus*** (KING *ex* HOOK. *f.*) REHD.; SOEPADMO, Fl. Males. I 7² (1972) 352; COCKBURN, Tree Fl. Malaya 1 (1972) 216; KENG, Conc. Fl. Sing. (1990) 65; — *Quercus cantleyana* KING *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; BURKILL, Dict. (1935) 1854; — *Pasania cantleyana* (KING *ex* HOOK. *f.*) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 381.
- 963 ***Lithocarpus conocarpus*** (OUDEM.) REHD.; SOEPADMO, Fl. Males. I 7² (1972) 349; COCKBURN, Tree Fl. Malaya 1 (1972) 217; CORNER, Ways. Trees, 3rd ed. (1988) 340; KENG, Conc. Fl. Sing. (1990) 65; — *Quercus conocarpa* OUDEM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 149; BURKILL, Dict. (1935) 1854; CORNER, Ways. Trees 1st ed. (1940) 302; — *Pasania conocarpa* (OUDEM.) SCHOTTKY; RIDLEY, Fl. Mal. Pen. 3 (1924) 380.
- 964 ***Lithocarpus cyclophorus*** (ENDL.) A. CAMUS; SOEPADMO, Fl. Males. I 7² (1972) 345; COCKBURN, Tree Fl. Malaya 1 (1972) 218; CORNER, Ways. Trees, 3rd ed. (1988) 340; KENG, Conc. Fl. Sing. (1990) 65; — *Quercus cyclophora* ENDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; BURKILL, Dict. (1935) 1855; CORNER, Ways. Trees 1st ed. (1940) 302; — *Pasania cyclophora* (ENDL.) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 384.
- 965 ***Lithocarpus elegans*** (BL.) HATUS. *ex* SOEPADMO; SOEPADMO, Fl. Males. I 7² (1972) 366; COCKBURN, Tree Fl. Malaya 1 (1972) 219; CORNER, Ways. Trees, 3rd ed. (1988) 340; KENG, Conc. Fl. Sing. (1990) 65; — *Quercus spicata* SM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 149 (*var. gracilipes* (MIQ.) MIQ.); CORNER, Ways. Trees 1st ed. (1940) 304; — *Pasania spicata* OERST.; RIDLEY, Fl. Mal. Pen. 3 (1924) 376 (*incl. var. gracilipes*).
- 966 ***Lithocarpus encleisacarpus*** (KORTH.) A. CAMUS; SOEPADMO, Fl. Males. I 7² (1972) 338; COCKBURN, Tree Fl. Malaya 1 (1972) 219; CORNER, Ways. Trees, 3rd ed. (1988) 340; KENG, Conc. Fl. Sing. (1990) 65; — *Quercus encleisacarpa* KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; BURKILL, Dict. (1935) 1856; CORNER, Ways. Trees 1st ed. (1940) 302; — *Pasania encleisacarpa* (KORTH.) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 386.
- 967 ***Lithocarpus ewyckii*** (KORTH.) REHD.; SOEPADMO, Fl. Males. I 7² (1972) 351; COCKBURN, Tree Fl. Malaya 1 (1972) 220; KENG, Conc. Fl. Sing. (1990) 65; — *Quercus ewyckii* KORTH.; BURKILL, Dict. (1935) 1856; — *Pasania ewyckii* (KORTH.) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 380 (*incl. var. latifolia*); — *Pasania lamponga var. ewyckiioides* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 378.

- 968 **Lithocarpus hystrix** (KORTH.) REHD.; SOEPADMO, Fl. Males. I 7² (1972) 384; — *Quercus hystrix* KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 149; CORNER, Ways. Trees 1st ed. (1940) 303; — *Pasania hystrix* (KORTH.) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924).
- Cockburn (*loc. cit.* 226) opines that this species is not present in Malaya.
- 969 **Lithocarpus gracilis** (KORTH.) SOEPADMO; Fl. Males. I 7² (1972) 362; 362; COCKBURN, Tree Fl. Malaya 1 (1972) 220; — *Pasania cyrtorhyncha* (MIQ.) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 381.
- 970 **Lithocarpus lucidus** (ROXB.) REHD.; SOEPADMO, Fl. Males. I 7² (1972) 341; COCKBURN, Tree Fl. Malaya 1 (1972) 223; CORNER, Ways. Trees, 3rd ed. (1988) 341; KENG, Conc. Fl. Sing. (1990) 65; — *Quercus lucida* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 150; BURKILL, Dict. (1935) 1857; CORNER, Ways. Trees 1st ed. (1940) 304; — *Pasania lucida* (ROXB.) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 383; — *Quercus omalokos* KORTH.; BURKILL, Dict. (1935) 1857; — *Pasania omalokos* (KORTH.) SCHOTTKY; RIDLEY, Fl. Mal. Pen. 3 (1924) 383.
- 971 **Lithocarpus sundaicus** (BL.) REHD.; SOEPADMO, Fl. Males. I 7² (1972) 375; COCKBURN, Tree Fl. Malaya 1 (1972) 226; CORNER, Ways. Trees, 3rd ed. (1988) 342; — *Quercus sundaica* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 149; BURKILL, Dict. (1935) 1858; CORNER, Ways. Trees 1st ed. (1940) 305; SINCLAIR, Gard. Bull. Sing. 15 (1956) 25; — *Quercus lamponga* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 149; BURKILL, Dict. (1935) 1857; CORNER, Ways. Trees 1st ed. (1940) 303; — *Pasania sundaica* (BL.) OERST.; RIDLEY, Fl. Mal. Pen. 3 (1924) 379; — *Pasania lamponga* (MIQ.) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 378 (*excl. var. ewyckoides*); — *Pasania grandifrons* (KING *ex* HOOK. *f.*) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 377; — *Quercus grandifrons* KING *ex* HOOK. *f.*; CORNER, Ways. Trees 1st ed. (1940) 303.
- 972 **Lithocarpus wallichianus** (LINDL. *ex* HANCE) REHD.; SOEPADMO, Fl. Males. I 7² (1972) 368; COCKBURN, Tree Fl. Malaya 1 (1972) 227; MAXWELL, Gard. Bull. Sing. 35 (1983) 192; CORNER, Ways. Trees, 3rd ed. (1988) 342; KENG, Conc. Fl. Sing. (1990) 65; — *Quercus wallichiana* LINDL. *ex* HANCE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 149; BURKILL, Dict. (1935) 1859; CORNER, Ways. Trees 1st ed. (1940) 305; — *Pasania wallichiana* (LINDL. *ex* HANCE) GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 378.
- 973 **Quercus argentata** KORTH.; RIDLEY, Fl. Mal. Pen. 3 (1924) 373; SOEPADMO, Fl. Males. I 7² (1972) 389; COCKBURN, Tree Fl. Malaya 1 (1972) 228; KENG, Conc. Fl. Sing. (1990) 65

FLACOURTIACEAE

- 974 **Casearia capitellata** BL.; SLEUMER, Fl. Males. I 5¹ (1954) 102; WHITMORE, Tree Fl. Malaya 2 (1973) 141; KENG, Conc. Fl. Sing. (1990) 41; — ?*C. esculenta* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; — *C. latifolia* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 831.
- 975 **Casearia clarkei** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 833; SLEUMER, Fl. Males. I 5¹ (1954) 99; WHITMORE, Tree Fl. Malaya 2 (1973) 141; KENG, Conc. Fl. Sing. (1990) 41.

- 976 **Casearia lobbiana** TURCZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 830; SLEUMER, Fl. Males. I 5¹ (1954) 89; WHITMORE, Tree Fl. Malaya 2 (1973) 140.
- 977 **Casearia tuberculata** BL.; SLEUMER, Fl. Males. I 5¹ (1954) 99; WHITMORE, Tree Fl. Malaya 2 (1973) 141; KENG, Conc. Fl. Sing. (1990) 41; — *C. coriacea* (non VENT.) MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 832; BURKILL, Dict. (1935) 472.
- 978 **Flacourtia rukam** Z. & M.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 44; RIDLEY, Fl. Mal. Pen. 1 (1922) 157; BURKILL, Dict. (1935) 1024; CORNER, Ways. Trees 1st ed. (1940) 207; SLEUMER, Fl. Males. I 5¹ (1954) 73; WHITMORE, Tree Fl. Malaya 2 (1973) 144; CORNER, Ways. Trees, 3rd ed. (1988) 346; KENG, Conc. Fl. Sing. (1990) 41.
- 979 **Homalium grandiflorum** BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 837; BURKILL, Dict. (1935) 1184; SLEUMER, Fl. Males. I 5¹ (1954) 62; WHITMORE, Tree Fl. Malaya 2 (1973) 146; KENG, Conc. Fl. Sing. (1990) 41.
- 980 **Osmelia maingayi** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 834; BURKILL, Dict. (1935) 1610; SLEUMER, Fl. Males. I 5¹ (1954) 78; WHITMORE, Tree Fl. Malaya 2 (1973) 153.
- 981 **Osmelia philippina** (TURCZ.) BENTH.; SLEUMER, Fl. Males. I 5¹ (1954) 79; WHITMORE, Tree Fl. Malaya 2 (1973) 153; KENG, Conc. Fl. Sing. (1990) 41.
- 982 **Ryparosa hullettii** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 44; RIDLEY, Fl. Mal. Pen. 1 (1922) 165; BURKILL, Dict. (1935) 1923; SLEUMER, Fl. Males. I 5¹ (1954) 48; WHITMORE, Tree Fl. Malaya 2 (1973) 159; KENG, Conc. Fl. Sing. (1990) 41.
- 983 **Ryparosa scortechinii** KING; SLEUMER, Fl. Males. I 5¹ (1954) 42; WHITMORE, Tree Fl. Malaya 2 (1973) 159; — *R. wallichii* RIDL. (*Singapore specimen* Ridley 14163 *only*); RIDLEY, Fl. Mal. Pen. 1 (1922) 165; KENG, Conc. Fl. Sing. (1990) 41.
- 984 **Scolopia macrophylla** (W. & A.) CLOS; SLEUMER, Fl. Males. I 5¹ (1954) 8; WHITMORE, Tree Fl. Malaya 2 (1973) 161; CORNER, Ways. Trees, 3rd ed. (1988) 348; KENG, Conc. Fl. Sing. (1990) 41; — *S. rhinantha* CLOS; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 44; RIDLEY, Fl. Mal. Pen. 1 (1922) 155; BURKILL, Dict. (1935) 1983; CORNER, Ways. Trees 1st ed. (1940) 309.

FLAGELLARIACEAE

- 985 **Flagellaria indica** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 130; RIDLEY, Fl. Mal. Pen. 4 (1924) 368; BURKILL, Dict. (1935) 1024; BACKER, Fl. Males. I 4³ (1951) 246; HENDERSON, Mal. Wild Fl. Monoc. (1954) 206; KENG, Gard. Bull. Sing. 40 (1987) 125.

GENTIANACEAE

- 986 **Nymphoides indica** (L.) O. KUNTZE; KENG, Conc. Fl. Sing. (1990) 141; — *Limnantheum indicum* GRISEB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 115; RIDLEY, Fl. Mal. Pen. 2 (1923) 436; HENDERSON, Mal. Wild Fl. Dic. (1959) 307.

GESNERIACEAE

- 987 **Aeschynanthus parvifolia** R. BR.; RIDLEY, Fl. Mal. Pen. 2 (1923) 500; HENDERSON, Mal. Wild Fl. Dic. (1959) 342; KENG, Conc. Fl. Sing. (1990) 182; — *A. lobbiana* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119.
- 988 **Aeschynanthus purpurascens** HASSK.; RIDLEY, Fl. Mal. Pen. 2 (1923) 497; HENDERSON, Mal. Wild Fl. Dic. (1959) 340; KENG, Conc. Fl. Sing. (1990) 182; — *A. motleyi* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119.
- 989 **Aeschynanthus radicans** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 120; RIDLEY, Fl. Mal. Pen. 2 (1923) 500; KENG, Conc. Fl. Sing. (1990) 182.
- 990 **Aeschynanthus wallichii** R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 120; RIDLEY, Fl. Mal. Pen. 2 (1923) 500; MAXWELL, Gard. Bull. Sing. 35 (1983) 195; KENG, Conc. Fl. Sing. (1990) 182.
- 991 **Cyrtandra pendula** BL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 544; HENDERSON, Mal. Wild Fl. Dic. (1959) 362; KENG, Conc. Fl. Sing. (1990) 182; — *C. bicolor* JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 120.
- 992 **Didymocarpus platypus** CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 120; RIDLEY, Fl. Mal. Pen. 2 (1923) 517; HENDERSON, Mal. Wild Fl. Dic. (1959) 348; KENG, Conc. Fl. Sing. (1990) 182.
- 993 **Didymocarpus puncticulatus** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 522; KIEW, Malay. Nat. J. 41 (1987) 220; — *D. sp.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 120; — *D. perdita* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 522; KENG, Conc. Fl. Sing. (1990) 182.

GONYSTYLACEAE

- 994 **Gonystylus confusus** AIRY SHAW; AIRY SHAW, Fl. Males. I 4⁴ (1953) 357; WHITMORE, Tree Fl. Malaya 2 (1973) 391.
- 995 **Gonystylus maingayi** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 85; RIDLEY, Fl. Mal. Pen. 1 (1922) 322; AIRY SHAW, Fl. Males. I 4⁴ (1953) 359; WHITMORE, Tree Fl. Malaya 2 (1973) 391; KENG, Conc. Fl. Sing. (1990) 86.

GOODENIACEAE

- 996 **Scaevola sericea** VAHL; LEENHOUTS, Fl. Males. I 5³ (1957) 339; KENG, Conc. Fl. Sing. (1990) 165; — *S. koenigii* VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 102; RIDLEY, Fl. Mal. Pen. 2 (1923) 199; — *S. frutescens* KRAUSE; CORNER, Ways. Trees 1st ed. (1940) 310; HENDERSON, Mal. Wild Fl. Dic. (1959) 253; — *S. taccada* (GAERTN.) ROXB.; CORNER, Ways. Trees, 3rd ed. (1988) 348.

GRAMINEAE

- 997 **Acroceras munroanum** (BALANSA) HENR.; GILLILAND, Rev. Fl. Malaya 3 (1971) 165; — ?*Panicum latifolium* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; — *Panicum oryzoides* (non Sw.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 138, p.p.; — *A. ridleyi* (HACK. ex RIDL.) STAPP ex RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 229; — *A. crassipiculatum* (MERR.) ALSTON; BURKILL, Dict. (1935) 39.

- 998 **Acroceras tonkinense** (BALANSA) C.E. HUBB. *ex* BOR; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 165; — *Panicum oryzoides* (non Sw.) RIDL.; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 138, *p.p.*; — *A. sparsum* STAPF *ex* RIDL.; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 229; BURKILL, *Dict.* (1935) 39.
- 999 **Alloteropsis cimicina** (L.) STAPF; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 223; BURKILL, *Dict.* (1935) 104; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 198; — *Axonopus cimicinus* (L.) P. BEAUV.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 185; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 144.
- A 1000 **Axonopus affinis** CHASE; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 189; CORLETT, *J. Biogeog.* (1988) 663.
- A 1001 **Axonopus compressus** (SWARTZ) BEAUV.; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 216; BURKILL, *Dict.* (1935) 276; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 337; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 187; CORLETT, *J. Biogeog.* (1988) 663; — *Paspalum platycaulon* POIR.; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 125.
- 1002 **Bambusa heterostachya** (MUNRO) HOLTT.; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 18; — *Gigantochloa heterostachya* MUNRO; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 188; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 262; — *Gigantochloa latispiculata* GAMBLE; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 189; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 263.
- 1003 **Bambusa ridleyi** GAMBLE; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 187; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 184; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 257; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 21.
- 1004 **Bambusa vulgaris** SCHRAD.; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 256; BURKILL, *Dict.* (1935) 300; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 19.
- 1005 **Bothriochloa bladhii** (RETZ.) S.T. BLAKE; LAZARIDES, *Trop. Grass. SE Asia* (1980) 24; — *Andropogon intermedius* R. BR.; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 166; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 346; — *Amphilophis glabra* (ROXB.) STAPF; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 209; BURKILL, *Dict.* (1935) 141; — *B. intermedia* (R. BR.) CAMUS; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 281.
- 1006 **Brachiaria distachya** (L.) STAPF; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 219; BURKILL, *Dict.* (1935) 356; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 342; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 176; — *Panicum distachyon* L.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 185; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 133.
- A 1007 **Brachiaria mutica** (FORSK.) STAPF; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 219; BURKILL, *Dict.* (1935) 356; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 178; CORLETT, *J. Biogeog.* (1988) 663; — *Panicum muticum* FORSK.; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 133.
- 1008 **Brachiaria paspaloides** (PRESL) C.E. HUBBARD; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 342; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 179.
- A 1009 **Cenchrus echinatus** L.; SINCLAIR, *Gard. Bull. Sing.* 14 (1953) 36; CORLETT, *J. Biogeog.* (1988) 663.

- 1010 ***Centotheca latifolia*** (OSB.) TRIN.; MONOD DE FROIDEVILLE, *Blumea* 19 (1971) 59; — *C. lappacea* DESV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 181; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 253; BURKILL, *Dict.* (1935) 508; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 309; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 53.
- 1011 ***Centotheca longilamina*** OHWI; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 53.
- A 1012 ***Chloris barbata*** SWARTZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 173; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 250; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 315; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 86; CORLETT, J. *Biogeog.* (1988) 663.
- 1013 ***Chrysopogon aciculatus*** (RETZ.) TRIN.; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 207; BURKILL, *Dict.* (1935) 535; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 344; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 236; — *Andropogon aciculatus* RETZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 166.
- A 1014 ***Coix lacryma-jobi*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 151; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 191; BURKILL, *Dict.* (1935) 629; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 354; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 304.
- 1015 ***Cymbopogon flexuosus*** (NEES *ex* STEUD.) W. WATS.; SINCLAIR, *Gard. Bull. Sing.* 14 (1953) 36; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 297.
- 1016 ***Cynodon dactylon*** (L.) PERS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 173; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 249; BURKILL, *Dict.* (1935) 729; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 314; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 90.
- 1017 ***Cyrtococcum accrescens*** (TRIN.) STAPF; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 234; BURKILL, *Dict.* (1935) 744; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 149; — *Panicum patens* (non L.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 142.
- 1018 ***Cyrtococcum oxyphyllum*** (STEUD) STAPF; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 233; BURKILL, *Dict.* (1935) 744; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 148; — *Panicum pilipes* NEES & ARN. *ex* BEUSE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 141; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 331.
- 1019 ***Dactyloctenium aegyptium*** (L.) WILLD.; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 251; BURKILL, *Dict.* (1935) 747; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 316; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 81; LAZARIDES, *Trop. Grass. SE Asia* (1980) 168; — *Eleusine aegyptia* (L.) DESF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 174.
- A 1020 ***Dichanthium annulatum*** (FORSSK.) STAPF; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 284; CORLETT, J. *Biogeog.* 19 (1992) 428; — *Ischaemum beccarii* (non HACK.) RIDL.; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 160; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 204.

- 1021 **Dichanthium caricosum** (L.) A. CAMUS; RIDLEY, Fl. Mal. Pen. 5 (1925) 210; BURKILL, Dict. (1935) 802; GILLILAND, Rev. Fl. Malaya 3 (1971) 284.
- 1022 **Digitaria bicornis** (LAMK.) R. & S.; VELDKAMP, Blumea 21 (1973) 30.
- 1023 **Digitaria ciliaris** (RETZ.) KOEL.; GILLILAND, Rev. Fl. Malaya 3 (1971) 196; VELDKAMP, Blumea 21 (1973) 32; — *Paspalum sanguinale* (non LAMK.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 125; — *D. marginata* LINK; RIDLEY, Fl. Mal. Pen. 5 (1925) 213; BURKILL, Dict. (1935) 808; HENDERSON, Mal. Wild Fl. Monoc. (1954) 340.
- 1024 **Digitaria didactyla** WILLD.; BURKILL, Dict. (1935) 807; GILLILAND, Rev. Fl. Malaya 3 (1971) 195; VELDKAMP, Blumea 21 (1973) 44.
- 1025 **Digitaria fuscescens** (PRESL) HENRARD; GILLILAND, Rev. Fl. Malaya 3 (1971) 193; VELDKAMP, Blumea 21 (1973) 61.
- 1026 **Digitaria longiflora** (RETZ.) PERS.; RIDLEY, Fl. Mal. Pen. 5 (1925) 214; BURKILL, Dict. (1935) 808; HENDERSON, Mal. Wild Fl. Monoc. (1954) 342; GILLILAND, Rev. Fl. Malaya 3 (1971) 192; VELDKAMP, Blumea 21 (1973) 66; — *Paspalum longiflorum* RETZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 126, *p.p.*; — *D. caespitosa* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 215.
- 1027 **Digitaria mollicoma** (KUNTH) HENR.; VELDKAMP, Blumea 21 (1973) 69.
- 1028 **Digitaria nuda** SCHUMACH.; VELDKAMP, Blumea 21 (1973) 41.
- 1029 **Digitaria radicata** (PRESL) MIQ.; VELDKAMP, Blumea 21 (1973) 35; — *Paspalum sanguinale* LAMK. *var. debile* (non HOOK. *f.*) HOOK. *f.*; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 125; — *D. marginata* LINK *var. debilis* (non HOOK. *f. ex* RIDL.) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 214; — *D. timorensis* (KUNTH) BALANSA; GILLILAND, Rev. Fl. Malaya 3 (1971) 198.
- 1030a **Digitaria setigera** R. & S. *var. setigera*; VELDKAMP, Blumea 21 (1973) 39; — *Paspalum sanguinale* LAMK. *var. pruriens* HOOK. *f.*; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 125; — *D. marginata* LINK *var. debilis* HOOK. *f. ex* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 214; — *D. microbachne* (PRESL) HENR.; GILLILAND, Rev. Fl. Malaya 3 (1971) 198.
- 1030b **Digitaria setigera var. calliblepharata** (HENR.) VELDK.; VELDKAMP, Blumea 21 (1973) 40; — *Paspalum sanguinale* LAMK. *var. ciliare* (non HOOK. *f.*) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 125; — *D. marginata* LINK *var. ciliaris* (non RIDL.) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 214; — *D. microbachne* (PRESL) HENR. *ssp. calliblepharata* HENR.; GILLILAND, Rev. Fl. Malaya 3 (1971) 198.
- 1031 **Digitaria violascens** LINK; GILLILAND, Rev. Fl. Malaya 3 (1971) 191; VELDKAMP, Blumea 21 (1973) 40; — *Paspalum longiflorum* RETZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 126, *p.p.*; — *D. chinensis* (non HORNEB.) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 215; — *D. pertenuis* BUSE; RIDLEY, Fl. Mal. Pen. 5 (1925) 214; GILLILAND, Rev. Fl. Malaya 3 (1971) 192; — *D. longiflora* (non RETZ.) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 214, *p.p.*

- 1032a ***Dimeria ornithopoda*** TRIN. *var. ornithopoda*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 151; RIDLEY, Fl. Mal. Pen. 5 (1925) 192; BURKILL, Dict. (1935) 810; HENDERSON, Mal. Wild Fl. Monoc. (1954) 346; GILLILAND, Rev. Fl. Malaya 3 (1971) 214.
- 1032b ***Dimeria ornithopoda var. glabra*** (RIDL.) JANSEN; GILLILAND, Rev. Fl. Malaya 3 (1971) 216; — *D. glabra* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 192.
- 1033 ***Echinochloa colona*** (L.) LINK; RIDLEY, Fl. Mal. Pen. 5 (1925) 222; BURKILL, Dict. (1935) 888; HENDERSON, Mal. Wild Fl. Monoc. (1954) 336; GILLILAND, Rev. Fl. Malaya 3 (1971) 167; — *Panicum colonum* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 132.
- 1034 ***Echinochloa crus-galli*** (L.) P. BEAUV.; RIDLEY, Fl. Mal. Pen. 5 (1925) 222; BURKILL, Dict. (1935) 889; GILLILAND, Rev. Fl. Malaya 3 (1971) 168; — *Panicum crus-galli* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 132.
- 1035 ***Echinochloa stagnina*** (RETZ.) P. BEAUV.; GILLILAND, Rev. Fl. Malaya 3 (1971) 166.
- One collection from 1883.
- 1036 ***Eleusine coracana*** (L.) GAERTN.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 174; BURKILL, Dict. (1935) 916; GILLILAND, Rev. Fl. Malaya 3 (1971) 80; — *E. indica* (L.) GAERTN. *var. coracana* GAERTN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, Fl. Mal. Pen. 5 (1925) 250.
- 1037 ***Eleusine indica*** (L.) GAERTN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 174; RIDLEY, Fl. Mal. Pen. 5 (1925) 250; BURKILL, Dict. (1935) 917; HENDERSON, Mal. Wild Fl. Monoc. (1954) 313; GILLILAND, Rev. Fl. Malaya 3 (1971) 78.
- 1038 ***Eragrostis atrovirens*** (DESF.) NEES *ex* STEUD.; GILLILAND, Rev. Fl. Malaya 3 (1971) 68; LAZARIDES, Trop. Grass. SE Asia (1980) 173; — *E. elegantula* STEUD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 179; RIDLEY, Fl. Mal. Pen. 5 (1925) 248; HENDERSON, Mal. Wild Fl. Monoc. (1954) 312.
- 1039 ***Eragrostis cambessediana*** STEUD.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 36.
- 1040 ***Eragrostis elongata*** (WILLD.) JACQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 179; RIDLEY, Fl. Mal. Pen. 5 (1925) 248; HENDERSON, Mal. Wild Fl. Monoc. (1954) 313.
- 1041 ***Eragrostis gangetica*** (ROXB.) STEUD.; GILLILAND, Rev. Fl. Malaya 3 (1971) 68.
- 1042 ***Eragrostis malayana*** STAPF; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 178; RIDLEY, Fl. Mal. Pen. 5 (1925) 247; GILLILAND, Rev. Fl. Malaya 3 (1971) 65.
- 1043 ***Eragrostis pilosa*** (L.) P. BEAUV.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 179; RIDLEY, Fl. Mal. Pen. 5 (1925) 247; GILLILAND, Rev. Fl. Malaya 3 (1971) 69.

- 1044 **Eragrostis tenella** (L.) P. BEAUV. *ex* ROEM. & SCHULT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 177; RIDLEY, Fl. Mal. Pen. 5 (1925) 245; GILLILAND, Rev. Fl. Malaya 3 (1971) 71; — *E. amabilis* (L.) HOOK. & ARN.; BURKILL, Dict. (1935) 933; HENDERSON, Mal. Wild Fl. Monoc. (1954) 312.
- 1045 **Eragrostis unioides** (RETZ.) NEES *ex* STEUD.; BURKILL, Dict. (1935) 934; HENDERSON, Mal. Wild Fl. Monoc. (1954) 313; GILLILAND, Rev. Fl. Malaya 3 (1971) 66; — *E. amabilis* (*non* WIGHT & ARN.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 175; RIDLEY, Fl. Mal. Pen. 5 (1925) 246.
- 1046 **Eragrostis viscosa** (RETZ.) TRIN.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 177; RIDLEY, Fl. Mal. Pen. 5 (1925) 246; GILLILAND, Rev. Fl. Malaya 3 (1971) 71.
- 1047 **Eriachne pallescens** R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 172; RIDLEY, Fl. Mal. Pen. 5 (1925) 240; BURKILL, Dict. (1935) 936; HENDERSON, Mal. Wild Fl. Monoc. (1954) 316; GILLILAND, Rev. Fl. Malaya 3 (1971) 94; VAN ECK-BORSBOOM, Blumea 26 (1980) 133.
- 1048 **Eriachne trisetata** NEES *ex* STEUD.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 172; RIDLEY, Fl. Mal. Pen. 5 (1925) 240; MAXWELL, Gard. Bull. Sing. 36 (1983) 231; VAN ECK-BORSBOOM, Blumea 26 (1980) 136; — *Massia trisetata* (NEES *ex* STEUD.) BALANSA; GILLILAND, Rev. Fl. Malaya 3 (1971) 94.
- 1049 **Eriochloa procera** (RETZ.) C.E. HUBB.; GILLILAND, Rev. Fl. Malaya 3 (1971) 202; — *E. polystachya* (*non* H.B.K.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 127; — *E. annulata* (FLUEGGE) KUNTH; RIDLEY, Fl. Mal. Pen. 5 (1925) 223; HENDERSON, Mal. Wild Fl. Monoc. (1954) 325; — *E. ramosa* O. KTZE.; BURKILL, Dict. (1935) 938.
- 1050 **Eustachys tener** (PRESL) C.E. HUBB.; GILLILAND, Rev. Fl. Malaya 3 (1971) 88 (“*tenera*”); LAZARIDES, Trop. Grass. SE Asia (1980) 161.
- 1051 **Heteropogon contortus** (L.) P. BEAUV. *ex* R. & S.; RIDLEY, Fl. Mal. Pen. 5 (1925) 213; BURKILL, Dict. (1935) 1143; GILLILAND, Rev. Fl. Malaya 3 (1971) 292; LAZARIDES, Trop. Grass. SE Asia (1980) 47; — *Andropogon contortus* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 167.
- 1052 **Hymenachne acutigluma** (STEUD.) GILLILAND; GILLILAND, Rev. Fl. Malaya 3 (1971) 155; — *Panicum myuros* (*non* H.B.K.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 135; — *H. myuros* (*non* BEAUV.) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 230; BURKILL, Dict. (1935) 1214.
- 1053 **Imperata conferta** (PRESL) OHWI; GILLILAND, Rev. Fl. Malaya 3 (1971) 222; — *I. exaltata* (*non* BRONGN.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 152; RIDLEY, Fl. Mal. Pen. 5 (1925) 193; — *I. contracta* HITCH.; BURKILL, Dict. (1935) 1228.

- 1054 ***Imperata cylindrica*** (L.) P. BEAUV. var. **major** (NEES) C.E. HUBBARD ex HUBB. & VAUGHAN; GILLILAND, Rev. Fl. Malaya 3 (1971) 220; — *I. arundinacea* CYR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 152; RIDLEY, Fl. Mal. Pen. 5 (1925) 193; — *I. cylindrica* (L.) P. BEAUV.; BURKILL, Dict. (1935) 1228; HENDERSON, Mal. Wild Fl. Monoc. (1954) 343.
- 1055 ***Isachne globosa*** (THUNB.) O. KTZE.; BURKILL, Dict. (1935) 1252; HENDERSON, Mal. Wild Fl. Monoc. (1954) 327; GILLILAND, Rev. Fl. Malaya 3 (1971) 120; — *I. australis* R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 129; RIDLEY, Fl. Mal. Pen. 5 (1925) 239.
- 1056 ***Isachne kunthiana*** (WIGHT & ARN. ex STEUD.) MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 128; GILLILAND, Rev. Fl. Malaya 3 (1971) 122; — *I. semitalis* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 237.
- 1057 ***Isachne pulchella*** ROTH ex ROEM. & SCHULT.; GILLILAND, Rev. Fl. Malaya 3 (1971) 120; — *I. miliacea* ROTH ex R. & S.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 129; RIDLEY, Fl. Mal. Pen. 5 (1925) 239; BURKILL, Dict. (1935) 1253.
- 1058 ***Ischaemum barbatum*** RETZ.; GILLILAND, Rev. Fl. Malaya 3 (1971) 260; — *I. imbricatum* (MUNRO) STAPF ex RIDLEY, FL. MAL. PEN. 5 (1925) 200.
- 1059 ***Ischaemum ciliare*** RETZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. fl. Mal. Pen. (Monoc.) 3 (1907) 160; VELDKAMP, Blumea 36 (1991) 180; — *I. aristatum* (non L.) RIDL.; RIDLEY, FL. MAL. PEN. 5 (1925) 203; BURKILL, Dict. (1935) 1253; HENDERSON, Mal. Wild Fl. Monoc. (1954) 351; — *I. indicum* auct., non (HOULT.) MERR.; GILLILAND, Rev. Fl. Malaya 3 (1971) 263.
- 1060 ***Ischaemum magnum*** RENDLE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 158; RIDLEY, Fl. Mal. Pen. 5 (1925) 200; GILLILAND, Rev. Fl. Malaya 3 (1971) 261; — *I. laeve* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 158; RIDLEY, Fl. Mal. Pen. 5 (1925) 201.
- 1061 ***Ischaemum muticum*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 159; RIDLEY, Fl. Mal. Pen. 5 (1925) 201; BURKILL, Dict. (1935) 1253; HENDERSON, Mal. Wild Fl. Monoc. (1954) 350; GILLILAND, Rev. Fl. Malaya 3 (1971) 255.
- 1062 ***Ischaemum rugosum*** SALISB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 157; RIDLEY, Fl. Mal. Pen. 5 (1925) 200; BURKILL, Dict. (1935) 1253; HENDERSON, Mal. Wild Fl. Monoc. (1954) 350; GILLILAND, Rev. Fl. Malaya 3 (1971) 259.
- 1063 ***Ischaemum timorense*** KUNTH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 160; RIDLEY, Fl. Mal. Pen. 5 (1925) 203; HENDERSON, Mal. Wild Fl. Monoc. (1954) 351; GILLILAND, Rev. Fl. Malaya 3 (1971) 264; — *I. macrurum* STAPF ex RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 203.

- 1064 **Leersia hexandra** SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 148; RIDLEY, Fl. Mal. Pen. 5 (1925) 253; BURKILL, Dict. (1935) 1327; HENDERSON, Mal. Wild Fl. Monoc. (1954) 320; GILLILAND, Rev. Fl. Malaya 3 (1971) 97.
- 1065 **Leptaspis urceolata** (ROXB.) R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 150; RIDLEY, Fl. Mal. Pen. 5 (1925) 255; BURKILL, Dict. (1935) 1333; HENDERSON, Mal. Wild Fl. Monoc. (1954) 307; GILLILAND, Rev. Fl. Malaya 3 (1971) 47.
- 1066 **Leptochloa chinensis** (L.) NEES; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 175; RIDLEY, Fl. Mal. Pen. 5 (1925) 249; BURKILL, Dict. (1935) 1333; GILLILAND, Rev. Fl. Malaya 3 (1971) 73.
- 1067 **Lepturus repens** (FORST. f.) R. BR.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 182; RIDLEY, Fl. Mal. Pen. 5 (1925) 254; GILLILAND, Rev. Fl. Malaya 3 (1971) 83.
- 1068 **Lophatherum gracile** BRONGN.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 181; RIDLEY, Fl. Mal. Pen. 5 (1925) 253; HENDERSON, Mal. Wild Fl. Monoc. (1954) 308; GILLILAND, Rev. Fl. Malaya 3 (1971) 55; — *L. lehmanni* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185.
- 1069 **Melinis repens** (WILLD.) ZIZKA; ZIZKA, Fl. Zambesiaca 10(3) (1989) 116; — *Tricholaena rosea* NEES; HENDERSON, Mal. Wild Fl. Monoc. (1954) 325; — *Rhynchelytrum repens* (WILLD.) C.E. HUBB.; GILLILAND, Rev. Fl. Malaya 3 (1971) 150; Corlett, J. Biogeog. (1988) 663.
- 1070 **Mnesithea glandulosa** (TRIN.) KONING & SOSEF; VELDKAMP, DE KONING & SOSEF, Blumea 31 (1986) 290; — *Rottboellia glandulosa* TRIN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 161; — *Coelorachis glandulosa* (TRIN.) STAPF ex RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 204; BURKILL, Dict. (1935) 618; HENDERSON, Mal. Wild Fl. Monoc. (1954) 347; GILLILAND, Rev. Fl. Malaya 3 (1971) 270.
- 1071 **Mnesithea granularis** (L.) KONING & SOSEF; VELDKAMP, DE KONING & SOSEF, Blumea 31 (1986) 295; — *Manisuris granularis* L.f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 163; RIDLEY, Fl. Mal. Pen. 5 (1925) 205; BURKILL, Dict. (1935) 1422; — *Hackelochloa granularis* (L.) O. KTZE.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 37; GILLILAND, Rev. Fl. Malaya 3 (1971) 277.
- 1072 **Oryza rufipogon** GRIFF.; GILLILAND, Rev. Fl. Malaya 3 (1971) 100; DUISTERMAAT, Blumea 32 (1987) 170; — *O. fatua* KOENIG ex TRIN. var. *longe-aristata* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 252.
- 1073 **Ottochloa nodosa** (KUNTH) DANDY; GILLILAND, Rev. Fl. Malaya 3 (1971) 143; — *Panicum nodosum* KUNTH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 137; — *Hemigymnia multinodis* STAPF; RIDLEY, Fl. Mal. Pen. 5 (1925) 228; BURKILL, Dict. (1935) 1138; — *Hemigymnia fusca* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 228; BURKILL, Dict. (1935) 1138.

- 1074 ***Panicum auritum*** PRESL *ex* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 135; RIDLEY, Fl. Mal. Pen. 5 (1925) 226; BURKILL, Dict. (1935) 1655; HENDERSON, Mal. Wild Fl. Monoc. (1954) 332; GILLILAND, Rev. Fl. Malaya 3 (1971) 137; ZUBOAGA, ELLIS & MORRONE, Ann. Miss. Bot. Gards. 79 (1992) 791.
- 1075 ***Panicum brevifolium*** L.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 329; GILLILAND, Rev. Fl. Malaya 3 (1971) 139; — *P. ovalifolium* POIR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 141; RIDLEY, Fl. Mal. Pen. 5 (1925) 227; — *P. hirtifolium* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 141; RIDLEY, Fl. Mal. Pen. 5 (1925) 228.
- 1076 ***Panicum cambogiense*** BALANSA; GILLILAND, Rev. Fl. Malaya 3 (1971) 141; — *P. luzonense* PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 136; — *P. caesium* NEES; RIDLEY, Fl. Mal. Pen. 5 (1925) 225; — *P. tuberculatum* PRESL; BURKILL, Dict. (1935) 1658.
- A 1077 ***Panicum maximum*** JACQ.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 140; RIDLEY, Fl. Mal. Pen. 5 (1925) 226; BURKILL, Dict. (1935) 1656; GILLILAND, Rev. Fl. Malaya 3 (1971) 132; CORLETT, J. Biogeog. (1988) 663.
- 1078 ***Panicum repens*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 139; RIDLEY, Fl. Mal. Pen. 5 (1925) 225; BURKILL, Dict. (1935) 1657; HENDERSON, Mal. Wild Fl. Monoc. (1954) 330; GILLILAND, Rev. Fl. Malaya 3 (1971) 135.
- 1079 ***Panicum sarmentosum*** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 140; RIDLEY, Fl. Mal. Pen. 5 (1925) 227; BURKILL, Dict. (1935) 1657; HENDERSON, Mal. Wild Fl. Monoc. (1954) 332; GILLILAND, Rev. Fl. Malaya 3 (1971) 139.
- A 1080 ***Paspalum conjugatum*** BERG.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 124; RIDLEY, Fl. Mal. Pen. 5 (1925) 218; BURKILL, Dict. (1935) 1673; HENDERSON, Mal. Wild Fl. Monoc. (1954) 339; GILLILAND, Rev. Fl. Malaya 3 (1971) 180; DE KONING & SOSEF, Blumea 30 (1985) 290; CORLETT, J. Biogeog. (1988) 663.
- A 1081 ***Paspalum dilatatum*** POIR.; BURKILL, Dict. (1935) 1674; GILLILAND, Rev. Fl. Malaya 3 (1971) 183; DE KONING & SOSEF, Blumea 30 (1985) 293.
- 1082 ***Paspalum longifolium*** ROXB.; RIDLEY, Fl. Mal. Pen. 5 (1925) 217; GILLILAND, Rev. Fl. Malaya 3 (1971) 182; DE KONING & SOSEF, Blumea 30 (1985) 297; — *P. platycoleum* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 217.
- 1083 ***Paspalum orbiculare*** FORST. f.; RIDLEY, Fl. Mal. Pen. 5 (1925) 217; BURKILL, Dict. (1935) 1674; GILLILAND, Rev. Fl. Malaya 3 (1971) 184; DE KONING & SOSEF, Blumea 30 (1985) 299.
- 1084 ***Paspalum scrobiculatum*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 184; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 123; BURKILL, Dict. (1935) 1674; HENDERSON, Mal. Wild Fl. Monoc. (1954) 340; GILLILAND, Rev. Fl. Malaya 3 (1971) 185; DE KONING & SOSEF, Blumea 30 (1985) 302; — *P. commersonii* (non LAMK.) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 218.

- 1085 **Paspalum vaginatum** SWARTZ; BURKILL, Dict. (1935) 1675; GILLILAND, Rev. Fl. Malaya 3 (1971) 182; DE KONING & SOSEF, Blumea 30 (1985) 309; — *P. distichum* (non L.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 124; RIDLEY, Fl. Mal. Pen. 5 (1925) 218.
- A 1086 **Pennisetum polystachyon** (L.) SCHULT.; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 130.
- A 1087 **Pennisetum purpureum** SCHUMACH.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 325; GILLILAND, Rev. Fl. Malaya 3 (1971) 162; CORLETT, J. Biogeog. (1988) 663.
- 1088 **Perotis indica** (L.) O. KTZE.; BURKILL, Dict. (1935) 1696; HENDERSON, Mal. Wild Fl. Monoc. (1954) 319; GILLILAND, Rev. Fl. Malaya 3 (1971) 113; — *P. latifolia* AIT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 149; RIDLEY, Fl. Mal. Pen. 5 (1925) 243.
- 1089 **Phragmites vallatoria** (PLUK. *ex* L.) VELDKAMP, Blumea 37 (1992) 233; — *P. karka* (RETZ.) TRIN. *ex* STEUD.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 175; — *P. communis* (non TRIN.) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 240; BURKILL, Dict. (1935) 1715; HENDERSON, Mal. Wild Fl. Monoc. (1954) 309.
- 1090 **Pogonatherum paniceum** (LAMK.) HACK.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 37; GILLILAND, Rev. Fl. Malaya 3 (1971) 251; — *P. saccharoideum* P. BEAUV.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 154; RIDLEY, Fl. Mal. Pen. 5 (1925) 195; HENDERSON, Mal. Wild Fl. Monoc. (1954) 348; — *P. crinitum apud* BURKILL; BURKILL, Dict. (1935) 1780.
- 1091 **Polytrias indica** (HOULT.) VELDK., BLUMEA 36 (1991) 180; — *P. praemorsa* (NEES) HACK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 164; — *Eulalia praemorsa* (NEES) STAPF *ex* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 197; BURKILL, Dict. (1935) 975; — *P. amaura* (BEUSE) O. KTZE.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 348; GILLILAND, Rev. Fl. Malaya 3 (1971) 244.
- 1092 **Saccharum arundinaceum** RETZ.; RIDL. Fl. Mal. Pen. 3 153; RIDLEY, Fl. Mal. Pen. 5 (1925) 193; BURKILL, Dict. (1935) 1924; HENDERSON, Mal. Wild Fl. Monoc. (1954) 344; GILLILAND, Rev. Fl. Malaya 3 (1971) 226.
- A 1093 **Saccharum spontaneum** L.; GILLILAND, Rev. Fl. Malaya 3 (1971) 224; CORLETT, J. Biogeog. (1988) 663.
- 1094 **Sacciolepis indica** (L.) CHASE; HENDERSON, Mal. Wild Fl. Monoc. (1954) 334; GILLILAND, Rev. Fl. Malaya 3 (1971) 152; — *Panicum indicum* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 134; — *S. angusta* (non STAPF) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 232; BURKILL, Dict. (1935) 1940, — *S. turgida* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 231; BURKILL, Dict. (1935) 1941.
- 1095 **Sacciolepis myosuroides** (R. BR.) A. CAMUS; RIDLEY, Fl. Mal. Pen. 5 (1925) 232; BURKILL, Dict. (1935) 1941; HENDERSON, Mal. Wild Fl. Monoc. (1954) 335; GILLILAND, Rev. Fl. Malaya 3 (1971) 152; — *Panicum myosuroides* R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 134.

- 1096 **Schizachyrium sanguineum** (RETZ.) ALSTON; GILLILAND, Rev. Fl. Malaya 3 (1971) 289; — *Andropogon pseudograyia* STEUD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; — *Andropogon hirtiflorus* (non KUNTH) RIDL.; Ridl. Met. Fl. Mal. Pen. 3 166; — *S. semiberbe* NEES; RIDLEY, Fl. Mal. Pen. 5 (1925) 210; BURKILL, Dict. (1935) 1975.
- 1097 **Schizostachyum gracile** (MUNRO) HOLTT.; GILLILAND, Rev. Fl. Malaya 3 (1971) 39; — *S. tenue* GAMBLE; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 194; RIDLEY, Fl. Mal. Pen. 5 (1925) 268; BURKILL, Dict. (1935) 1977; — *S. chilianthum* KURZ; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 194; RIDLEY, Fl. Mal. Pen. 5 (1925) 269; BURKILL, Dict. (1935) 1977.
- 1098 **Schizostachyum latifolium** GAMBLE; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 196; RIDLEY, Fl. Mal. Pen. 5 (1925) 270; BURKILL, Dict. (1935) 1977; DRANSFIELD, Kew Bull. 38 (1983) 331; — *Ochlandra ridleyi* GAMBLE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 187; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 197; RIDLEY, Fl. Mal. Pen. 5 (1925) 272; BURKILL, Dict. (1935) 1567; — *S. longispiculatum* auct., non (KURZ ex MUNRO) KURZ; RIDLEY, Fl. Mal. Pen. 5 (1925) 270; BURKILL, Dict. (1953) 1977; GILLILAND, Rev. Fl. Malaya 3 (1971) 40.
- 1099 **Schizostachyum zolleringi** STEUD.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 195; RIDLEY, Fl. Mal. Pen. 5 (1925) 269; BURKILL, Dict. (1935) 1978; GILLILAND, Rev. Fl. Malaya 3 (1971) 41.
- 1100 **Setaria barbata** (LAMK.) KUNTH; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 130.
- 1101 **Setaria palmifolia** (KOEN.) STAPF; BURKILL, Dict. (1935) 1999; HENDERSON, Mal. Wild Fl. Monoc. (1954) 324; GILLILAND, Rev. Fl. Malaya 3 (1971) 157; — *Panicum plicata* (non LAMK.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 136; — *S. plicata* (non COOKE) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 236.
- 1102 **Setaria pumila** (POIR.) ROEM. & SCHULT.; CLAYTON, Fl. Zambesiaca 10(3) (1989) 100; — *S. glauca* (non BEAUV.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 144; — *S. rubiginosa* (STEUD.) MIQ.; RIDLEY, Fl. Mal. Pen. 5 (1925) 234; — *S. geniculata* (non BEAUV.) BURKILL; BURKILL, Dict. (1935) 1999, HENDERSON, Mal. Wild Fl. Monoc. (1954) 323; — *S. pallide-fusca* (SCHUM.) STAPF & HUBB.; GILLILAND, Rev. Fl. Malayas 3 (1971) 159.
- A 1103 **Sorghum propinquum** (KUNTH) HITCH.; SINCLAIR, Gard. Bull. Sing. 15 (1956) 28; GILLILAND, Rev. Fl. Malaya 3 (1971) 229; CORLETT, J. Biogeog. (1988) 663; — *S. affine sensu* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 195.
- 1104 **Sphaerocaryum malaccense** (TRIN.) PILGER; HENDERSON, Mal. Wild Fl. Monoc. (1954) 317; GILLILAND, Rev. Fl. Malaya 3 (1971) 126; — *S. elegans* NEES ex STEUD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 170; RIDLEY, Fl. Mal. Pen. 5 (1925) 241.

- 1105a **Sporobolus indicus** (L.) R.Br. *var. flaccidus* (R. & S.) VELDKAMP; BAAIJENS & VELDKAMP, *Blumea* 35 (1991) 433; — *S. indicus* R. Br.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 171; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 244; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 318 — *S. diandrus* (RETZ.) P. BEAUV.; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 170; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 244; BURKILL, *Dict.* (1935) 2069; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 318; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 106 (“*diander*”).
- 1105b **Sporobolus indicus** *var. major* (BUSE) BAAIJENS; BAAIJENS & VELDKAMP, *Blumea* 35 (1991) 437; — *S. berteruanus* (*non* HITCH. & CHASE) BACKER & SLOOT.; BURKILL, *Dict.* (1935) 2069; — *S. fertilis* (STEUD.) W.D. CLAYTON; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 106.
- 1106 **Sporobolus virginicus** (L.) KUNTH; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 108; BAAIJENS & VELDKAMP, *Blumea* 35 (1991) 445.
- A 1107 **Stenotaphrum dimidiatum** (L.) BRONGN.; SINCLAIR, *Gard. Bull. Sing.* 14 (1953) 37; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 205; CORLETT, J. *Biogeog.* (1988) 663.
- 1108 **Themeda arguens** (L.) HACK.; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 212; BURKILL, *Dict.* (1935) 2146; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 351; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 300; — *Anthistiria arguens* WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 168.
- 1109 **Themeda villosa** (POIR.) A. CAMUS; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 212; BURKILL, *Dict.* (1935) 2147; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 352; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 301; — *Anthistiria gigantea* HACK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 186 (*var. villosa* HACK.); RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 169.
- 1110 **Thuarea involuta** (FORST.) R. Br. *ex* ROEM. & SCHULT.; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 207; — *T. sarmentosa* PERS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 146; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 236; BURKILL, *Dict.* (1935) 2157; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 335.
- A 1111 **Thysanolaena latifolia** (ROXB. *ex* HORNEB.) HONDA; BAAIJENS & VELDKAMP, *Blumea* 35 (1991) 451; TAN *et al.*, *Gard. Bull. Sing.* 44 (1992) 130; — *T. agrostis* NEES; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 143; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 241; — *T. maxima* (ROXB.) O.KTZE.; BURKILL, *Dict.* (1935) 2160; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 321; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 45;.
- A 1112 **Tripsacum dactyloides** (L.) L.; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 309.
- A 1113 **Vetiveria zizanioides** (L.) NASH; BURKILL, *Dict.* (1935) 2228; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 232; — *V. odorata* VIREY; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 208.
- 1114 **Zoysia matrella** (L.) MERR.; HENDERSON, *Mal. Wild Fl. Monoc.* (1954) 318; GILLILAND, *Rev. Fl. Malaya* 3 (1971) 109; GOUDSWAARD, *Blumea* 26 (1980) 171; — *Z. pungens* WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 185; RIDLEY, *Mat. Fl. Mal. Pen. (Monoc.)* 3 (1907) 149; RIDLEY, *Fl. Mal. Pen.* 5 (1925) 243.

GUTTIFERAE

- 1115 ***Calophyllum biflorum*** HEND. & WYATT-SMITH; WHITMORE, Tree Fl. Malaya 2 (1973) 176; STEVENS, J. Arn. Arb. 61 (1980) 472; KENG, Conc. Fl. Sing. (1990) 48.
- 1116 ***Calophyllum calaba*** L. *var. bracteatum* (WIGHT) P.F. STEVENS; STEVENS, J. Arn. Arb. 61 (1980) 261; KENG, Conc. Fl. Sing. (1990) 48.
- 1117 ***Calophyllum costulatum*** HEND. & WYATT-SMITH; WHITMORE, Tree Fl. Malaya 2 (1973) 173; STEVENS, J. Arn. Arb. 61 (1980) 470; KENG, Conc. Fl. Sing. (1990) 48.
- 1118 ***Calophyllum dispar*** P.F. STEVENS; STEVENS, J. Arn. Arb. 61 (1980) 524; KENG, Conc. Fl. Sing. (1990) 48.
- 1119 ***Calophyllum ferrugineum*** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 184; WHITMORE, Tree Fl. Malaya 2 (1973) 180; STEVENS, J. Arn. Arb. 61 (1980) 459; KENG, Conc. Fl. Sing. (1990) 48; — *C. retusum* WALL. *ex* CHOISY; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 184.
- 1120 ***Calophyllum inophyllum*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48; RIDLEY, Fl. Mal. Pen. 1 (1922) 186; WHITMORE, Tree Fl. Malaya 2 (1973) 186; STEVENS, J. Arn. Arb. 61 (1980) 324; CORNER, Ways. Trees, 3rd ed. (1988) 350; KENG, Conc. Fl. Sing. (1990) 48.
- 1121 ***Calophyllum lanigerum*** MIQ. *var. austrocoriaceum* (T.C. WHITMORE) P.F. STEVENS; STEVENS, J. Arn. Arb. 61 (1980) 358; KENG, Conc. Fl. Sing. (1990) 48; — *C. austrocoriaceum* WHITMORE; WHITMORE, Tree Fl. Malaya 2 (1973) 174.
- 1122 ***Calophyllum macrocarpum*** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48; RIDLEY, Fl. Mal. Pen. 1 (1922) 187; WHITMORE, Tree Fl. Malaya 2 (1973) 187; STEVENS, J. Arn. Arb. 61 (1980) 452; KENG, Conc. Fl. Sing. (1990) 48.
- 1123 ***Calophyllum pulcherrimum*** WALL. *ex* CHOISY; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 182; WHITMORE, Tree Fl. Malaya 2 (1973) 181; STEVENS, J. Arn. Arb. 61 (1980) 395; KENG, Conc. Fl. Sing. (1990) 48.
- 1124 ***Calophyllum rigidum*** MIQ.; STEVENS, J. Arn. Arb. 61 (1980) 294; KENG, Conc. Fl. Sing. (1990) 48; — *C. kunstleri* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 182, *p.p.*; WHITMORE, Tree Fl. Malaya 2 (1973) 187.
- 1125 ***Calophyllum rubiginosum*** HEND. & WYATT-SMITH; WHITMORE, Tree Fl. Malaya 2 (1973) 189; STEVENS, J. Arn. Arb. 61 (1980) 638; KENG, Conc. Fl. Sing. (1990) 48; — *C. wallichianum* *auct. non* PLANCH. & TRIANA; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48; RIDLEY, Fl. Mal. Pen. 1 (1922) 187, *p.p.*.
- 1126 ***Calophyllum rufigemmatum*** HEND. & WYATT-SMITH; STEVENS, J. Arn. Arb. 61 (1980) 350; KENG, Conc. Fl. Sing. (1990) 48; — *C. wallichianum* *auct. non* PLANCH. & TRIANA; WHITMORE, Tree Fl. Malaya 2 (1973) 193, *p.p.*

- 1127 **Calophyllum soulattri** BURM. f.; WHITMORE, Tree Fl. Malaya 2 (1973) 192; STEVENS, J. Arn. Arb. 61 (1980) 277; KENG, Conc. Fl. Sing. (1990) 48; — *C. spectabile auct. non WILLD.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 185, *p.p.*.
- 1128 **Calophyllum** *sp.* 151; STEVENS, J. Arn. Arb. 61 (1980) 626.
- 1129 **Calophyllum sundaicum** P.F. STEVENS; STEVENS, J. Arn. Arb. 61 (1980) 467; KENG, Conc. Fl. Sing. (1990) 48; — *C. retusum auct. non WALL. ex CHOISY*; WHITMORE, Tree Fl. Malaya 2 (1973) 188.
- 1130 **Calophyllum tetrapterum** MIQ.; STEVENS, J. Arn. Arb. 61 (1980) 506; KENG, Conc. Fl. Sing. (1990) 48; — *C. floribundum* HOOK. f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 184, *p.p.*; WHITMORE, Tree Fl. Malaya 2 (1973) 180, *p.p.*; — *C. foetidum* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 186, *p.p.*; — *C. lanceola* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 182; — *C. praineianum* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 183; — *C. venustum* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 186.
- 1131 **Calophyllum teysmannii** MIQ.; STEVENS, J. Arn. Arb. 61 (1980) 432; KENG, Conc. Fl. Sing. (1990) 48; — *C. inophylloide (non KING)* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 186, *p.p.*; — *C. inophylloide* KING var. *singaporense* HENDERSON & WYATT-SMITH; WHITMORE, Tree Fl. Malaya 2 (1973) 186.
- 1132 **Calophyllum wallichianum** PLANCH. & TR. var. **incrassatum** (HENDERSON & WYATT-SMITH) P.F. STEVENS; STEVENS, J. Arn. Arb. 61 (1980) 294; KENG, Conc. Fl. Sing. (1990) 48; — *C. griffithii (non KING)* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48; RIDLEY, Fl. Mal. Pen. 1 (1922) 187; — *C. incrassatum* HENDERSON & WYATT-SMITH; WHITMORE, Tree Fl. Malaya 2 (1973) 183.
- 1133 **Garcinia atroviridis** GRIFF. & T. ANDERS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 173; BURKILL, Dict. (1935) 1047; CORNER, Ways. Trees 1st ed. (1940) 314; WHITMORE, Tree Fl. Malaya 2 (1973) 206; CORNER, Ways. Trees, 3rd ed. (1988) 353; KENG, Conc. Fl. Sing. (1990) 48.
- 1134 **Garcinia bancana** (MIQ.) MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 174; CORNER, Ways. Trees 1st ed. (1940) 314; WHITMORE, Tree Fl. Malaya 2 (1973) 206; CORNER, Ways. Trees, 3rd ed. (1988) 353; KENG, Conc. Fl. Sing. (1990) 48.
- 1135 **Garcinia eugeniaefolia** WALL. ex T. ANDERS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 46; RIDLEY, Fl. Mal. Pen. 1 (1922) 169; WHITMORE, Tree Fl. Malaya 2 (1973) 210; KENG, Conc. Fl. Sing. (1990) 48.
- 1136 **Garcinia forbesii** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 175; CORNER, Ways. Trees 1st ed. (1940) 316; WHITMORE, Tree Fl. Malaya 2 (1973) 211; CORNER, Ways. Trees, 3rd ed. (1988) 355; KENG, Conc. Fl. Sing. (1990) 48.

- 1137 ***Garcinia griffithii*** T. ANDERS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 174; CORNER, Ways. Trees 1st ed. (1940) 317; WHITMORE, Tree Fl. Malaya 2 (1973) 211; CORNER, Ways. Trees, 3rd ed. (1988) 356; KENG, Conc. Fl. Sing. (1990) 49.
- 1138 ***Garcinia hombroniana*** PIERRE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 46; RIDLEY, Fl. Mal. Pen. 1 (1922) 171; CORNER, Ways. Trees 1st ed. (1940) 318; WHITMORE, Tree Fl. Malaya 2 (1973) 212; CORNER, Ways. Trees, 3rd ed. (1988) 357; KENG, Conc. Fl. Sing. (1990) 49.
- 1139 ***Garcinia nervosa*** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 179; CORNER, Ways. Trees 1st ed. (1940) 318; WHITMORE, Tree Fl. Malaya 2 (1973) 217; CORNER, Ways. Trees, 3rd ed. (1988) 357; KENG, Conc. Fl. Sing. (1990) 49.
- 1140 ***Garcinia nigrolineata*** PLANCH. *ex* T. ANDERS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 176; CORNER, Ways. Trees 1st ed. (1940) 319; WHITMORE, Tree Fl. Malaya 2 (1973) 218; CORNER, Ways. Trees, 3rd ed. (1988) 358; KENG, Conc. Fl. Sing. (1990) 49; — *G. kunstleri* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 177.
- 1141 ***Garcinia parvifolia*** (MIQ.) MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 47; RIDLEY, Fl. Mal. Pen. 1 (1922) 177; CORNER, Ways. Trees 1st ed. (1940) 319; WHITMORE, Tree Fl. Malaya 2 (1973) 219; CORNER, Ways. Trees, 3rd ed. (1988) 358; KENG, Conc. Fl. Sing. (1990) 49; — *G. globulosa* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 176.
- 1142 ***Garcinia pyrifera*** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 180; WHITMORE, Tree Fl. Malaya 2 (1973) 220.
- 1143 ***Garcinia rostrata*** (HASSK.) MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 46; RIDLEY, Fl. Mal. Pen. 1 (1922) 169; WHITMORE, Tree Fl. Malaya 2 (1973) 220; KENG, Conc. Fl. Sing. (1990) 49.
- 1144 ***Garcinia scortechinii*** KING; WHITMORE, Tree Fl. Malaya 2 (1973) 221; KENG, Conc. Fl. Sing. (1990) 49; — *G. gaudichaudii* PLANCH. & TRIANA; RIDLEY, Fl. Mal. Pen. 1 (1922) 177; BURKILL, Dict. (1935) 1049; CORNER, Ways. Trees 1st ed. (1940) 317; CORNER, Ways. Trees, 3rd ed. (1988) 356.
- 1145 ***Mesua elegans*** (KING) KOSTERM.; WHITMORE, Tree Fl. Malaya 2 (1973) 229; — *Kayea elegans* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 191; — *Kayea caudata* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 191.

HALORAGACEAE

- 1146 ***Haloragis chinensis*** (LOUR.) MERR.; KENG, Mal. Nat. J. 23 (1970) 123; VAN DER MEIJDEN & CASPERS, Fl. Males. 17¹ (1971) 243; KENG, Conc. Fl. Sing. (1990) 85.

HANGUANACEAE

- 1147 **Hanguana malayana** (JACK) MERR.; BACKER, Fl. Males. I 4³ (1951) 249; KENG, Gard. Bull. Sing. 40 (1987) 125 — *Susum anthelminticum* BL. ex R. & S.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 131; RIDLEY, Fl. Mal. Pen. 4 (1924) 369; BURKILL, Dict. (1935) 2109; — *Susum malayanum* PLANCH. ex HOOK. f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 132; RIDLEY, Fl. Mal. Pen. 4 (1924) 369; BURKILL, Dict. (1935) 2109; HENDERSON, Mal. Wild Fl. Monoc. (1954) 207.

HERNANDIACEAE

- 1148 **Hernandia nymphaeifolia** (PRESL) KUBITZKI; NG, Tree Fl. Malaya 2 (1973) 245; CORNER, Ways. Trees, 3rd ed. (1988) 363; KENG, Conc. Fl. Sing. (1990) 20; — *H. peltata* MEISSN.; RIDLEY, Fl. Mal. Pen. 3 (1924) 138; BURKILL, Dict. (1935) 1141; — *H. ovigera* L.; CORNER, Ways. Trees 1st ed. (1940) 323.
- 1149 **Illigera trifoliata** (GRIFF.) DUNN.; NG, Tree Fl. Malaya 2 (1973) 247; KENG, Conc. Fl. Sing. (1990) 20; — *I. appendiculata* (non BL.) KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 80; RIDLEY, Fl. Mal. Pen. 3 (1924) 139; HENDERSON, Mal. Wild Fl. Dic. (1959) 445.

HYDROCHARITACEAE

- 1150 **Blyxa alternifolia** (MIQ.) HARTOG; DEN HARTOG, Fl. Males. I 5⁴ (1958) 392; KENG, Gard. Bull. Sing. 40 (1987) 114; — *Enhydrias angustipetala* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 4; RIDLEY, Fl. Mal. Pen. 4 (1924) 4.
- 1151 **Blyxa auberti** RICH.; DEN HARTOG, Fl. Males. I 5⁴ (1958) 390; KENG, Gard. Bull. Sing. 40 (1987) 114; — *B. malayana* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 4; RIDLEY, Fl. Mal. Pen. 4 (1924) 3; HENDERSON, Mal. Wild Fl. Monoc. (1954) 7.
- 1152 **Enhalus acoroides** (L.f.) ROYLE; HENDERSON, Mal. Wild Fl. Monoc. (1954) 10; DEN HARTOG, Fl. Males. I 5⁴ (1958) 402; DEN HARTOG, The Sea-grasses of the World (1970) 215; KENG, Gard. Bull. Sing. 40 (1987) 114; — *E. koenigii* RICH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 152; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 6; RIDLEY, Fl. Mal. Pen. 4 (1924) 4.
- 1153 **Halophila beccarii** ASCHERS.; DEN HARTOG, Fl. Males. I 5⁴ (1958) 411; DEN HARTOG, The Sea-grasses of the World (1970) 261.
- 1154 **Halophila minor** (ZOLL.) HARTOG; SACHET & FOSBERG, Taxon 22 (1973) 439; DEN HARTOG, Fl. Males. I 5⁴ (1958) 410; KENG, Gard. Bull. Sing. 40 (1987) 114; — *H. ovata* GAUD.; DEN HARTOG, The Sea-grasses of the World (1970) 251; —

- 1155 **Halophila ovalis** (R. Br.) Hook. f.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 11; DEN HARTOG, Fl. Males. I 5⁴ (1958) 408; DEN HARTOG, The Sea-grasses of the World (1970) 240; KENG, Gard. Bull. Sing. 40 (1987) 114; — *H. ovata* (non GAUD.) ASCHERS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 152; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 6; RIDLEY, Fl. Mal. Pen. 4 (1924) 4.
- 1156 **Halophila spinulosa** (R. Br.) ASCHERS.; SINCLAIR, Gard. Bull. Sing. 15 (1956) 30; DEN HARTOG, Fl. Males. I 5⁴ (1958) 412; DEN HARTOG, The Sea-grasses of the World (1970) 263; KENG, Gard. Bull. Sing. 40 (1987) 114.
- 1157 **Hydrilla verticillata** (L. f.) ROYLE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 152; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 3; RIDLEY, Fl. Mal. Pen. 4 (1924) 1; DEN HARTOG, Fl. Males. I 5⁴ (1958) 385; COOK & LÜÖND, Aquatic Botany 13 (1982) 485; KENG, Gard. Bull. Sing. 40 (1987) 114.
- 1158 **Thalassia hemprichii** (EHRENB.) ASCHERS.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 35; DEN HARTOG, Fl. Males. I 5⁴ (1958) 406; DEN HARTOG, The Sea-grasses of the World (1970) 232; KENG, Gard. Bull. Sing. 40 (1987) 114.

HYDROPHYLLACEAE

- 1159 **Hydrolea zeylanica** (L.) VAHL; RIDLEY, Fl. Mal. Pen. 2 (1923) 438; BURKILL, Dict. (1935) 1213; HENDERSON, Mal. Wild Fl. Dic. (1959) 308; BACKER, Fl. Males. I 4³ (1951) 207; KENG, Conc. Fl. Sing. (1990) 174.

HYPERICACEAE

- 1160 **Cratoxylum arborescens** (VAHL) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 46; RIDLEY, Fl. Mal. Pen. 1 (1922) 153; GOGELIN, Blumea 15 (1967) 471; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 248; CORNER, Ways. Trees, 3rd ed. (1988) 365; KENG, Conc. Fl. Sing. (1990) 47.
- 1161 **Cratoxylum cochinchinense** (LOUR.) BL.; GOGELIN, Blumea 15 (1967) 463; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 251; CORNER, Ways. Trees, 3rd ed. (1988) 365; KENG, Conc. Fl. Sing. (1990) 47; — *C. polyanthum* KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 46; RIDLEY, Fl. Mal. Pen. 1 (1922) 152; — *C. ligustrinum* (SPACH) BL.; CORNER, Ways. Trees 1st ed. (1940) 327.
- 1162 **Cratoxylum formosum** (JACK) DYER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 46; RIDLEY, Fl. Mal. Pen. 1 (1922) 153; GOGELIN, Blumea 15 (1967) 467; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 251; CORNER, Ways. Trees, 3rd ed. (1988) 365; KENG, Conc. Fl. Sing. (1990) 47.
- 1163 **Cratoxylum maingayi** DYER; GOGELIN, Blumea 15 (1967) 470.
- 1164 **Hypericum japonicum** THUNB. ex MURRAY; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 46; RIDLEY, Fl. Mal. Pen. 1 (1922) 152; HENDERSON, Mal. Wild Fl. Dic. (1959) 35; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 248; KENG, Conc. Fl. Sing. (1990) 47.

HYPOXIDACEAE

- 1165 **Curculigo capitulata** (LOUR.) KUNTZE; GEERINCK, fl. Males. I 11² (1993) 367; — *C. recurvata* DRYAND.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; RIDLEY, Mat. Fl. Mal. Pen. (MONOC.) 2 (12907) 65; RIDLEY, fl. Mal. Pen. 4 (1924) 299; KENG, Gard. Bull. Sing. 40 (1987) 121.
- 1166 **Curculigo latifolia** DRYAND.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 66; RIDLEY, Fl. Mal. Pen. 4 (1924) 300; HENDERSON, Mal. Wild Fl. Monoc. (1954) 167; GEERINCK, Fl. Males. I 11² (1993) 369; — *C. villosa* WALL. ex KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 66; RIDLEY, fl. Mal. Pen. 4 (1924) 300; KENG, Gard. Bull. Sing. 40 (1987) 121.

ICACINACEAE

- 1167 **Cantleya corniculata** (BECC.) HOWARD; SLEUMER, Fl. Males. I 7¹ (1971) 51; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 110; — *C. johorica* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 436; — *Stemomurus corniculatus* (BECC.) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 297.
- 1168a **Gomphandra quadrifida** (BL.) SLEUM. var. **angustifolia** (KING) SLEUM.; SLEUMER, Fl. Males. I 7¹ (1971) 34; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 111; — *G. lanceolata* (MAST.) KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; — *G. lanceolata* (MAST.) KING var. *angustifolia* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 428.
- 1168b **Gomphandra quadrifida** var. **ovalifolia** (RIDL.) SLEUM.; SLEUMER, Fl. Males. I 7¹ (1971) 34; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 111; — *G. penangiana* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; — *G. affinis* (MIERS) MAST.; RIDLEY, Fl. Mal. Pen. 1 (1922) 427.
- 1169 **Gonocaryum gracile** MIQ.; SLEUMER, Fl. Males. I 7¹ (1971) 17; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 113; KENG, Conc. Fl. Sing. (1990) 126; *G. longeracemosum* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; RIDLEY, — Fl. Mal. Pen. 1 (1922) 431; BURKILL, Dict. (1935) 1099.
- 1170 **Iodes ovalis** BL.; SLEUMER, Fl. Males. I 7¹ (1971) 68; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 109; KENG, Conc. Fl. Sing. (1990) 126; — *I. oblonga* PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; RIDLEY, Fl. Mal. Pen. 1 (1922) 435.
- 1171 **Iodes velutina** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; RIDLEY, Fl. Mal. Pen. 1 (1922) 434; SLEUMER, Fl. Males. I 7¹ (1971) 72; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 109; KENG, Conc. Fl. Sing. (1990) 126.
- 1172 **Phytocrene bracteata** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; RIDLEY, Fl. Mal. Pen. 1 (1922) 432; SLEUMER, Fl. Males. I 7¹ (1971) 85; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 109; KENG, Conc. Fl. Sing. (1990) 126.
- 1173 **Platea latifolia** BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 426; BURKILL, Dict. (1935) 1768; SLEUMER, Fl. Males. I 7¹ (1971) 11; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 114; KENG, Conc. Fl. Sing. (1990) 126.

- 1174 **Stemonurus malaccensis** (MAST.) SLEUM.; SLEUMER, Fl. Males. I 7¹ (1971) 60; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 117; KENG, Conc. Fl. Sing. (1990) 126; — *S. capitatus* BECC.; RIDLEY, Fl. Mal. Pen. 1 (1922) 431; BURKILL, Dict. (1935) 2074.
- 1175 **Stemonurus scorpioides** BECC.; RIDLEY, Fl. Mal. Pen. 5 (1925) 296; BURKILL, Dict. (1935) 2074; SLEUMER, Fl. Males. I 7¹ (1971) 58; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 117; KENG, Conc. Fl. Sing. (1990) 126; — *Lasianthera secundiflora* [non (BL.) MIQ.] KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; — *S. secundiflorus* (non BL.) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 430.

IRIDACEAE

- A 1176 **Trimezia martinicensis** (JACQ.) HERBERT; HENDERSON, Mal. Wild Fl. Monoc. (1954) 168; KENG, Gard. Bull. Sing. 40 (1987) 123; CORLETT, J. Biogeog. (1988) 663.

IXONANTHACEAE

- 1177 **Ixonanthes icosandra** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 325; CORNER, Ways. Trees 1st ed. (1940) 221; COCKBURN, Tree Fl. Malaya 1 (1972) 307; KOOL, Fl. Males. I 10³ (1988) 625; CORNER, Ways. Trees, 3rd ed. (1988) 256; KENG, Conc. Fl. Sing. (1990) 94.
- 1178 **Ixonanthes reticulata** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 326; CORNER, Ways. Trees 1st ed. (1940) 221; COCKBURN, Tree Fl. Malaya 1 (1972) 307; KOOL, Fl. Males. I 10³ (1988) 626; CORNER, Ways. Trees, 3rd ed. (1988) 256; KENG, Conc. Fl. Sing. (1990) 94.

JUGLANDACEAE

- 1179 **Engelhardtia serrata** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 149; JACOBS, Fl. Males. I 6¹ (1960) 150; NG, Tree Fl. Malaya 1 (1972) 236; CORNER, Ways. Trees, 3rd ed. (1988) 370; KENG, Conc. Fl. Sing. (1990) 66; — *E. wallichiana* [non (LINDL. ex WALL.) DC.] RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 149; — *E. nudiflora* HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 369; CORNER, Ways. Trees 1st ed. (1940) 333.

LABIATAE

- 1180 **Anisomeles indica** (L.) O. KTZE.; KENG, Fl. Males. I 8² (1977) 328; KENG, Conc. Fl. Sing. (1990) 196; — *A. ovata* R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; RIDLEY, Fl. Mal. Pen. 2 (1923) 649.
- A 1181 **Hyptis brevipes** POIT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; RIDLEY, Fl. Mal. Pen. 2 (1923) 645; HENDERSON, Mal. Wild Fl. Dic. (1959) 390; KENG, Fl. Males. I 8² (1977) 369; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 196.
- A 1182 **Hyptis capitata** JACQ.; HENDERSON, Mal. Wild Fl. Dic. (1959) 391; KENG, Fl. Males. I 8² (1977) 369; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 196.

- A 1183 ***Hyptis suaveolens*** (L.) POIT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 124; RIDLEY, Fl. Mal. Pen. 2 (1923) 645; HENDERSON, Mal. Wild Fl. Dic. (1959) 391; KENG, Fl. Males. I 8² (1977) 371; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 197.
- A 1184 ***Leonotis nepetifolia*** (L.) AIT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; SINCLAIR, Gard. Bull. Sing. 14 (1953) 34; KENG, Fl. Males. I 8² (1977) 335; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 197 "*nepetaefolia*".
- A 1185 ***Leonurus sibiricus*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; RIDLEY, Fl. Mal. Pen. 2 (1923) 651; HENDERSON, Mal. Wild Fl. Dic. (1959) 389; KENG, Fl. Males. I 8² (1977) 336; KENG, Conc. Fl. Sing. (1990) 197.
- 1186 ***Leucas linifolia*** SPRENG.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; KENG, Conc. Fl. Sing. (1990) 197; — *L. lavendulifolia* J. E. SM.; RIDLEY, Fl. Mal. Pen. 2 (1923) 651; BURKILL, Dict. (1935) 1338; HENDERSON, Mal. Wild Fl. Dic. (1959) 393; KENG, Fl. Males. I 8² (1977) 338.
- 1187 ***Leucas zeylanica*** (L.) R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; RIDLEY, Fl. Mal. Pen. 2 (1923) 650; BURKILL, Dict. (1935) 1338; HENDERSON, Mal. Wild Fl. Dic. (1959) 392; KENG, Fl. Males. I 8² (1977) 336; KENG, Conc. Fl. Sing. (1990) 197.
- 1188 ***Ocimum americanum*** L.; KENG, Fl. Males. I 8² (1977) 376; KENG, Conc. Fl. Sing. (1990) 197; — *O. canum* SIMS; RIDLEY, Fl. Mal. Pen. 2 (1923) 644; BURKILL, Dict. (1935) 1574.
- 1189 ***Ocimum basilicum*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; RIDLEY, Fl. Mal. Pen. 2 (1923) 643; HENDERSON, Mal. Wild Fl. Dic. (1959) 395; KENG, Fl. Males. I 8² (1977) 377; KENG, Conc. Fl. Sing. (1990) 197.
- 1190 ***Ocimum tenuiflorum*** L.; KENG, Fl. Males. I 8² (1977) 378; PRESS & SIVARAJAN, Bull. Brit. Mus. Nat. Hist. (Bot.) 19 (1989) 116; KENG, Conc. Fl. Sing. (1990) 197; — *O. sanctum* L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 643; BURKILL, Dict. (1935) 1575.
- 1191 ***Plectranthus scutellarioides*** (L.) R. BR.; KENG, Fl. Males. I 8² (1977) 389; KENG, Conc. Fl. Sing. (1990) 197; — *Coleus atropurpureus* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 124; RIDLEY, Fl. Mal. Pen. 2 (1923) 646; BURKILL, Dict. (1935) 635; HENDERSON, Mal. Wild Fl. Dic. (1959) 396; — *Coleus blumei* BENTH.; RIDLEY, Fl. Mal. Pen. 2 (1923) 646; BURKILL, Dict. (1935) 635; HENDERSON, Mal. Wild Fl. Dic. (1959) 396; — *Solenostemon scutellarioides* (L.) CODD; SMITH, Fl. Vit. Nov. 5 (1991) 222.
- 1192 ***Pogostemon auricularius*** (L.) HASSK.; KENG, Fl. Males. I 8² (1977) 356; KENG, Conc. Fl. Sing. (1990) 198; *Dysophylla auricularia* (L.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 1—25; RIDLEY, Fl. Mal. Pen. 1 (1922) 648; HENDERSON, Mal. Wild Fl. Dic. (1959) 393.

LAURACEAE

- 1193 **Actinodaphne glomerata** (BL.) NEES; RIDLEY, Fl. Mal. Pen. 3 (1924) 108; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 104; KENG, Conc. Fl. Sing. (1990) 18.
- 1194 **Actinodaphne macrophylla** (BL.) NEES; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 105; KENG, Conc. Fl. Sing. (1990) 18; — *A. maingayi* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131; RIDLEY, Fl. Mal. Pen. 3 (1924) 108; CORNER, Ways. Trees 1st ed. (1940) 345; CORNER, Ways. Trees, 3rd ed. (1988) 382.
- 1195 **Actinodaphne malaccensis** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 108; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 105; KENG, Conc. Fl. Sing. (1990) 18; — *A. hullettii* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 110; KENG, Conc. Fl. Sing. (1990) 18.
- 1196 **Actinodaphne pruinosa** NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131; RIDLEY, Fl. Mal. Pen. 3 (1924) 110 (*incl. var. kunstleri* GAMBLE); KOCHUMMEN, Tree Fl. Malaya 4 (1989) 106; KENG, Conc. Fl. Sing. (1990) 18.
- 1197 **Alseodaphne bancana** MIQ.; RIDLEY, Fl. Mal. Pen. 3 (1924) 98; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 111; KENG, Conc. Fl. Sing. (1990) 18; — *A. decipiens* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131.
- 1198 **Alseodaphne intermedia** KOSTERMANS, Candollea 28 (1973) 113; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 113.
- 1199 **Alseodaphne nigrescens** (GAMBLE) KOSTERMANS; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 114; — *Dehaasia nigrescens* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 88; KENG, Conc. Fl. Sing. (1990) 19.
- 1200 **Beilschmiedia kunstleri** GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 83; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 120; KENG, Conc. Fl. Sing. (1990) 18.
- 1201 **Beilschmiedia madang** BL.; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 120; KENG, Conc. Fl. Sing. (1990) 18; — *B. malaccensis* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130; RIDLEY, Fl. Mal. Pen. 3 (1924) 83; — *B. curtisii* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 84; — *B. scortechinii* Gamble; RIDLEY, Fl. Mal. Pen. 3 (1924) 84.
- 1202 **Cassytha filiformis** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 132; RIDLEY, Fl. Mal. Pen. 3 (1924) 137; HENDERSON, Mal. Wild Fl. Dic. (1959) 444; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 102; KENG, Conc. Fl. Sing. (1990) 18.
- 1203 **Cinnamomum iners** REINW. ex BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131; RIDLEY, Fl. Mal. Pen. 3 (1924) 92 (*incl. var. angustifolium* RIDL.); CORNER, Ways. Trees, 3rd ed. (1988) 377; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 126; KENG, Conc. Fl. Sing. (1990) 18; — *C. nitidum* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131; — *C. paraneuron* MIQ.; RIDLEY, Fl. Mal. Pen. 3 (1924) 92.
- 1204 **Cinnamomum javanicum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130; RIDLEY, Fl. Mal. Pen. 3 (1924) 94; CORNER, Ways. Trees, 3rd ed. (1988) 378; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 126; KENG, Conc. Fl. Sing. (1990) 18.

- 1205 **Cinnamomum subavenium** MIQ.; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 131; KENG, Conc. Fl. Sing. (1990) 18; — *C. ridleyi* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 93.
- 1206 **Cryptocarya caesia** BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 81; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 133; KENG, Conc. Fl. Sing. (1990) 18.
- 1207 **Cryptocarya ferrea** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130; RIDLEY, Fl. Mal. Pen. 3 (1924) 79; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 134; KENG, Conc. Fl. Sing. (1990) 18.
- 1208 **Cryptocarya griffithiana** WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130; RIDLEY, Fl. Mal. Pen. 3 (1924) 77; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 134; KENG, Conc. Fl. Sing. (1990) 18.
- 1209 **Cryptocarya impressa** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130; RIDLEY, Fl. Mal. Pen. 3 (1924) 78; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 135; KENG, Conc. Fl. Sing. (1990) 19.
- 1210 **Cryptocarya kurzii** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 80; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 135; KENG, Conc. Fl. Sing. (1990) 19; — *C. argentea* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 81.
- 1211 **Cryptocarya rugulosa** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 78; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 136.
- 1212 **Dehaasia incrassata** (JACK) KOSTERM.; CORNER, Ways. Trees, 3rd ed. (1988) 380; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 139; KENG, Conc. Fl. Sing. (1990) 19; — *D. microcarpa* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130; RIDLEY, Fl. Mal. Pen. 3 (1924) 87.
- 1213 **Lindera lucida** (BL.) BOERL.; CORNER, Ways. Trees, 3rd ed. (1988) 383; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 146; KENG, Conc. Fl. Sing. (1990) 19; — *L. malaccensis* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 132; RIDLEY, Fl. Mal. Pen. 3 (1924) 133; — *L. selangorensis* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 134.
- 1214 **Litsea accedens** (BL.) BOERL.; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 151; KENG, Conc. Fl. Sing. (1990) 19; — *L. singaporensis* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 122.
- 1215 **Litsea castanea** HOOK. f.; KOSTERMANS, Reinwardtia 8 (1970) 89; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 152; — *L. quercina* GAMBLE, RIDLEY, Fl. Mal. Pen. 3 (1924) 131.
- 1216 **Litsea cordata** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 118; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 154; KENG, Conc. Fl. Sing. (1990) 19.
- 1217 **Litsea costalis** (BL.) KOSTERM.; CORNER, Ways. Trees, 3rd ed. (1988) 384; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 154; KENG, Conc. Fl. Sing. (1990) 19; — *Alseodaphne costalis* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131; — *L. megacarpa* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 127.

- 1218 ***Litsea costata*** (BL.) BOERL.; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 154; KENG, Conc. Fl. Sing. (1990) 19; — *L. perakensis* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 122; — *L. kunstleri* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 125; — *L. patellaris* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 123; — *L. pustulata* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 122.
- 1219 ***Litsea elliptica*** BL.; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 156; KENG, Conc. Fl. Sing. (1990) 19; — *L. petiolata* HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 132; RIDLEY, Fl. Mal. Pen. 3 (1924) 119.
- 1220 ***Litsea erectinervia*** KOSTERM.; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 156; KENG, Conc. Fl. Sing. (1990) 19.
- 1221 ***Litsea ferruginea*** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 132; RIDLEY, Fl. Mal. Pen. 3 (1924) 129; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 156; KENG, Conc. Fl. Sing. (1990) 19; — *L. griffithii* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 129.
- 1222 ***Litsea firma*** HOOK.f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 116; CORNER, Ways. Trees, 3rd ed. (1988) 385; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 156; KENG, Conc. Fl. Sing. (1990) 19.
- 1223 ***Litsea gracilipes*** HOOK.f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 130; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 158.
- 1224 ***Litsea grandis*** HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131; RIDLEY, Fl. Mal. Pen. 3 (1924) 115; CORNER, Ways. Trees, 3rd ed. (1988) 385; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 158; KENG, Conc. Fl. Sing. (1990) 19.
- 1225 ***Litsea lanceolata*** (BL.) KOSTERM.; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 159; KENG, Conc. Fl. Sing. (1990) 19; — *L. sarawacensis* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 130.
- 1226 ***Litsea lancifolia*** (ROXB.) HOOK.f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 130; MAXWELL, Gard. Bull. Sing. 35 (1983) 195; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 160; KENG, Conc. Fl. Sing. (1990) 19.
- 1227 ***Litsea machilifolia*** GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 126; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 160; KENG, Conc. Fl. Sing. (1990) 19.
- 1228 ***Litsea myristicaefolia*** (WALL. ex NEES) HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131; RIDLEY, Fl. Mal. Pen. 3 (1924) 125; CORNER, Ways. Trees, 3rd ed. (1988) 385; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 161; KENG, Conc. Fl. Sing. (1990) 19.
- 1229 ***Litsea ridleyi*** GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 120; MAXWELL, Gard. Bull. Sing. 35 (1983) 195; KENG, Conc. Fl. Sing. (1990) 19.
- 1230 ***Litsea robusta*** BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 129; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 163; KENG, Conc. Fl. Sing. (1990) 19.

- 1231 ***Litsea umbellata*** (LOUR.) MERR.; CORNER, Ways. Trees, 3rd ed. (1988) 385; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 166; KENG, Conc. Fl. Sing. (1990) 19; — *L. amara* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131; RIDLEY, Fl. Mal. Pen. 3 (1924) 117.
- 1232 ***Neolitsea zeylanica*** (NEES) MERR.; RIDLEY, Fl. Mal. Pen. 3 (1924) 132; CORNER, Ways. Trees, 3rd ed. (1988) 386; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 169; — *Litsea zeylanica* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 132.
- 1233 ***Nothaphoebe coriacea*** KOSTERM.; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 170; KENG, Conc. Fl. Sing. (1990) 19.
- 1234 ***Nothaphoebe umbelliflora*** (BL.) BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 101; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 172; KENG, Conc. Fl. Sing. (1990) 19; — *Alseodaphne umbelliflora* (BL.) HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131.
- 1235 ***Persea declinata*** (BL.) KOSTERM.; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 173; KENG, Conc. Fl. Sing. (1990) 19; — *Phoebe declinata* NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131; RIDLEY, Fl. Mal. Pen. 3 (1924) 104.
- 1236 ***Phoebe grandis*** MERR.; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 176; KENG, Conc. Fl. Sing. (1990) 19; — *P. opaca* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 131; RIDLEY, Fl. Mal. Pen. 3 (1924) 105 (*incl. var. cuspidata* GAMBLE); — *P. cuneata* BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 106; — *P. kunstleri* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 105.

LECYTHIDACEAE

- 1237 ***Barringtonia asiatica*** (L.) KURZ; WHITMORE, Tree Fl. Malaya 2 (1973) 258; CORNER, Ways. Trees, 3rd ed. (1988) 391; KENG, Conc. Fl. Sing. (1990) 79; — *B. speciosa* FORST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 83; RIDLEY, Fl. Mal. Pen. 1 (1922) 756.
- 1238 ***Barringtonia conoidea*** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 83; RIDLEY, Fl. Mal. Pen. 1 (1922) 757; WHITMORE, Tree Fl. Malaya 2 (1973) 258; CORNER, Ways. Trees, 3rd ed. (1988) 391; KENG, Conc. Fl. Sing. (1990) 79.
- 1239 ***Barringtonia macrostachya*** (JACK) KURZ; RIDLEY, Fl. Mal. Pen. 1 (1922) 758; WHITMORE, Tree Fl. Malaya 2 (1973) 260; CORNER, Ways. Trees, 3rd ed. (1988) 392; KENG, Conc. Fl. Sing. (1990) 79; — *B. cylindrostachya* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 83.
- 1240 ***Barringtonia racemosa*** (L.) SPRENG.; RIDLEY, Fl. Mal. Pen. 1 (1922) 757; WHITMORE, Tree Fl. Malaya 2 (1973) 259; CORNER, Ways. Trees, 3rd ed. (1988) 392; KENG, Conc. Fl. Sing. (1990) 80; — *B. inclitya* MIERS; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 83.
- 1241 ***Barringtonia reticulata*** (BL.) MIQ.; WHITMORE, Tree Fl. Malaya 2 (1973) 260; CORNER, Ways. Trees, 3rd ed. (1988) 392; KENG, Conc. Fl. Sing. (1990) 80; — *B. sumatrana* MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 758; CORNER, Ways. Trees 1st ed. (1940) 356.

- 1242 **Planchonia grandis** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 760; WHITMORE, Tree Fl. Malaya 2 (1973) 264; KENG, Conc. Fl. Sing. (1990) 80; — *Careya n. sp.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 83.

LEEACEAE

- 1243 **Leea aequata** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 486; RIDSDALE, Fl. Males. I 7⁴ (1976) 775; LATIFF, CORNER, Ways. Trees, 3rd ed. (1988) 757; Tree Fl. Malaya 4 (1989) 481; — *L. robusta* (non ROXB.) RIDL. RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 65, RIDLEY, Fl. Mal. Pen. 1 (1922) 486.
- 1244 **Leea angulata** KORTH. ex MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 65; RIDLEY, Fl. Mal. Pen. 1 (1922) 485; CORNER, Ways. Trees 1st ed. (1940) 97; RIDSDALE, Fl. Males. I 7⁴ (1976) 772; CORNER, Ways. Trees, 3rd ed. (1988) 757; LATIFF, Tree Fl. Malaya 4 (1989) 481, KENG, Conc. Fl. Sing. (1990) 118.
- 1245 **Leea indica** (BURM.f.) MERR.; CORNER, Ways. Trees 1st ed. (1940) 97; RIDSDALE, Fl. Males. I 7⁴ (1976) 779; CORNER, Ways. Trees, 3rd ed. (1988) 758; LATIFF, Tree Fl. Malaya 4 (1989) 482; KENG, Conc. Fl. Sing. (1990) 118; — *L. sambucina* WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 65 (incl. var. *biserrata*); RIDLEY, Fl. Mal. Pen. 1 (1922) 484; — *L. javanica* (non BL.) KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 65; RIDLEY, Fl. Mal. Pen. 1 (1922) 486.
- 1246 **Leea rubra** BL. ex SPRENG.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 65; RIDLEY, Fl. Mal. Pen. 1 (1922) 485; CORNER, Ways. Trees 1st ed. (1940) 97; RIDSDALE, Fl. Males. I 7⁴ (1976) 776; CORNER, Ways. Trees, 3rd ed. (1988) 758; LATIFF, Tree Fl. Malaya 4 (1989) 482; KENG, Conc. Fl. Sing. (1990) 118.

LEGUMINOSAE

- A 1247 **Abrus precatorius** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 70; RIDLEY, Fl. Mal. Pen. 1 (1922) 558; HENDERSON, Mal. Wild Fl. Dic. (1959) 85; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 31.
- A 1248 **Acacia auriculiformis** A. CUNN. ex BENTH.; CORLETT, J. Biogeog. (1988) 662; CORNER, Ways. Trees, 3rd ed. (1988) 448; KENG, Conc. Fl. Sing. (1990) 31; NIELSEN, Fl. Males. I 11¹ (1992) 58.
- 1249 **Acacia concinna** (WILLD.) A. DC.; NIELSEN, Fl. Males. I 11¹ (1992) 48.
- 1250 **Acacia kekapur** I. NIELS.; KENG, Conc. Fl. Sing. (1990) 31; NIELSEN, Fl. Males. I 11¹ (1992) 50; — *A. pseudointsia* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 76; RIDLEY, Fl. Mal. Pen. 1 (1922) 657.
- 1251 **Adenanthera malayana** KOSTERMANS; NIELSEN, Fl. Males. I 11¹ (1992) 170; — *A. bicolor* auctt., non MOON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 76; RIDLEY, Fl. Mal. Pen. 1 (1922) 654; WHITMORE, Tree Fl. Malaya 1 (1972) 276; CORNER, Ways. Trees, 3rd ed. (1988) 450; KENG, Conc. Fl. Sing. (1990) 31.

- A 1252 **Adenanthera pavonina** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 76; RIDLEY, Fl. Mal. Pen. 1 (1922) 653; WHITMORE, Tree Fl. Malaya 1 (1972) 276; CORNER, Ways. Trees, 3rd ed. (1988) 450; KENG, Conc. Fl. Sing. (1990) 31; NIELSEN, Fl. Males. I 11¹ (1992) 173.
- A 1253 **Aeschynomene americana** L.; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 130.
- 1254 **Aeschynomene indica** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73; RIDLEY, Fl. Mal. Pen. 1 (1922) 602; HENDERSON, Mal. Wild Fl. Dic. (1959) 82; KENG, Conc. Fl. Sing. (1990) 31.
- 1255 **Albizia pedicellata** BAKER *ex* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 76; RIDLEY, Fl. Mal. Pen. 1 (1922) 659; WHITMORE, Tree Fl. Malaya 1 (1972) 279; CORNER, Ways. Trees, 3rd ed. (1988) 453; KENG, Conc. Fl. Sing. (1990) 31; NIELSEN, Fl. Males. I 11¹ (1992) 78.
- 1256 **Albizia retusa** BENTH.; WHITMORE, Tree Fl. Malaya 1 (1972) 280; CORNER, Ways. Trees, 3rd ed. (1988) 454; KENG, Conc. Fl. Sing. (1990) 31; NIELSEN, Fl. Males. I 11¹ (1992) 80; — *A. littoralis* T. & B.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 76; RIDLEY, Fl. Mal. Pen. 1 (1922) 659.
- 1257 **Albizia splendens** MIQ.; KENG, Conc. Fl. Sing. (1990) 31; NIELSEN, Fl. Males. I 11¹ (1992) 83; — *Pithecellobium confertum* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; RIDLEY, Fl. Mal. Pen. 1 (1922) 661; — *Pithecellobium splendens* (MIQ.) CORNER; WHITMORE, Tree Fl. Malaya 1 (1972) 287; CORNER, Ways. Trees, 3rd ed. (1988) 465.
- 1258 **Alysicarpus vaginalis** (L.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73 (*incl. var. nummularifolius*); RIDLEY, Fl. Mal. Pen. 1 (1922) 604; HENDERSON, Mal. Wild Fl. Dic. (1959) 90; KENG, Conc. Fl. Sing. (1990) 31; — *A. nummularifolius* DC.; RIDLEY, Fl. Mal. Pen. 1 (1922) 604.
- 1259 **Archidendron clypearia** (JACK) I. NIELS.; NIELSEN, Fl. Thail. 4 (1985) 208; NIELSEN, Fl. Males. I 11¹ (1992) 97; — *Pithecellobium clypearia* (JACK) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; RIDLEY, Fl. Mal. Pen. 1 (1922) 64; WHITMORE, Tree Fl. Malaya 1 (1972) 284; CORNER, Ways. Trees, 3rd ed. (1988) 462; KENG, Conc. Fl. Sing. (1990) 37; — *Pithecellobium angulatum* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; RIDLEY, Fl. Mal. Pen. 1 (1922) 664; CORNER, Ways. Trees, 3rd ed. (1988) 462.
- 1260 **Archidendron contortum** (MART.) NIELS.; NIELSEN, Fl. Thail. 4 (1985) 211; NIELSEN, Fl. Males. I 11¹ (1992) 100; — *Pithecellobium contortum* MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; RIDLEY, Fl. Mal. Pen. 1 (1922) 664; WHITMORE, Tree Fl. Malaya 1 (1972) 285; CORNER, Ways. Trees, 3rd ed. (1988) 462; KENG, Conc. Fl. Sing. (1990) 37.
- 1261 **Archidendron ellipticum** (BL.) NIELS.; NIELSEN, Fl. Thail. 4 (1984) 215; NIELSEN, Fl. Males. I 11¹ (1992) 100; — *Pithecellobium ellipticum* (BL.) HASSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; RIDLEY, Fl. Mal. Pen. 1 (1922) 662; WHITMORE, Tree Fl. Malaya 1 (1972) 286; CORNER, Ways. Trees, 3rd ed. (1988) 463; KENG, Conc. Fl. Sing. (1990) 38.

- 1262 **Archidendron globosum** (BL.) NIELS., *Adansonia* 19 (1979) 18; NIELSEN, Fl. Males. I 11¹ (1992) 104; — *Pithecellobium affine* BAKER *ex* BENTH.; RIDLEY, Fl. Mal. Pen. 1 (1922) 662; BURKILL, Dict. (1935) 1759; CORNER, Ways. Trees 1st ed. (1940) 418; — *Pithecellobium globosum* (BL.) KOSTERM.; WHITMORE, Tree Fl. Malaya 1 (1972) 286; CORNER, Ways. Trees, 3rd ed. (1988) 464; KENG, Conc. Fl. Sing. (1990) 38.
- 1263 **Archidendron jiringa** (JACK) NIELS.; NIELSEN, Fl. Thail. 4 (1985) 218; NIELSEN, Fl. Males. I 11¹ (1992) 106; — *Pithecellobium lobatum* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; RIDLEY, Fl. Mal. Pen. 1 (1922) 661; — *Pithecellobium jiringa* (JACK) PRAIN; WHITMORE, Tree Fl. Malaya 1 (1972) 286; CORNER, Ways. Trees, 3rd ed. (1988) 464; KENG, Conc. Fl. Sing. (1990) 38.
- 1264 **Archidendron microcarpum** (BENTH.) NIELS., *Adansonia* 19 (1979) 17; NIELSEN, Fl. Males. I 11¹ (1992) 109; — *Pithecellobium microcarpum* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 77; RIDLEY, Fl. Mal. Pen. 1 (1922) 663; WHITMORE, Tree Fl. Malaya 1 (1972) 287; CORNER, Ways. Trees, 3rd ed. (1988) 464; KENG, Conc. Fl. Sing. (1990) 38.
- 1265 **Bauhinia semibifida** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 627; KENG, Conc. Fl. Sing. (1990) 32.
- 1266 **Caesalpinia bonduc** ROXB. *emend.* DANDY & EXELL; RIDLEY, Fl. Mal. Pen. 1 (1922) 649; HATTINK, *Reinwardtia* 9 (1974) 17; KENG, Conc. Fl. Sing. (1990) 32.
- 1267 **Caesalpinia crista** L.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 32; HATTINK, *Reinwardtia* 9 (1974) 20; KENG, Conc. Fl. Sing. (1990) 32; — *C. nuga* AIT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 650.
- 1268 **Caesalpinia sumatrana** ROXB.; HATTINK, *Reinwardtia* 9 (1974) 56; — *Mezoneuron sumatranum* (ROXB.) W. & A. *ex* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 647; KENG, Conc. Fl. Sing. (1990) 36.
- 1269 **Caesalpinia tortuosa** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 651; HATTINK, *Reinwardtia* 9 (1974) 57; — ?*C. globulorum non* BAKH. *f.* & VAN ROYEN; KENG, Conc. Fl. Sing. (1990) 32.
- A 1270 **Calopogonium mucunoides** DESV.; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 32.
- 1271 **Canavalia cathartica** THOU.; KENG, Conc. Fl. Sing. (1990) 33; — *C. obtusifolia* (*non* DC.) PRAIN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 71; — *C. turgida* GRAH. *ex* A. GRAY; RIDLEY, Fl. Mal. Pen. 1 (1922) 573; — *C. microcarpa* (DC.) PIPER; HENDERSON, Mal. Wild Fl. Dic. (1959) 89.
- 1272 **Canavalia maritima** (AUBL.) THOU.; KENG, Conc. Fl. Sing. (1990) 33; — *C. lineata* (*non* DC.) PRAIN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 71; — *C. obtusifolia* (LAM.) DC.; RIDLEY, Fl. Mal. Pen. 1 (1922) 572; — *C. rosea* (SW.) DC.; HENDERSON, Mal. Wild Fl. Dic. (1959) 88; RUDD, Rev. Handb. Fl. Ceyl. 7 (1991) 274.

Debate rages over whether *maritima* or *rosea* is the correct epithet for this taxon.

- 1273 **Centrosema plumieri** (TURP. *ex* PERS.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 70; RIDLEY, Fl. Mal. Pen. 1 (1922) 615; KENG, Conc. Fl. Sing. (1990) 33.
- A 1274 **Centrosema pubescens** BENTH.; CORLETT, J. Biogeog. (1988) 662.
- A 1275 **Chamaecrista nictinans** (L.) MOENCH; LOCK, Legumes of Africa (1989) 32; — *Cassia lechenaultiana* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 619; — *Cassia aeschinomene* DC. *ex* COLLAD.; RUDD, Rev. Handb. Fl. Ceyl. 7 (1991) 88.
- A 1276 **Chamaecrista mimosoides** (L.) GREENE; LOCK, Legumes of Africa (1989) 32; — *Cassia mimosoides* L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 619; HENDERSON, Mal. Wild Fl. Dic. (1959) 97; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 33.
- A 1277 **Clitoria laurifolia** POIR.; HENDERSON, Mal. Wild Fl. Dic. (1959) 72; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 33; — *C. cajanaefolia* (PRESL) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 70; RIDLEY, Fl. Mal. Pen. 1 (1922) 569.
- A 1278 **Clitoria ternatea** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 70; RIDLEY, Fl. Mal. Pen. 1 (1922) 569; HENDERSON, Mal. Wild Fl. Dic. (1959) 73; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 33.
- A 1279 **Crotalaria bialata** SCHRANK; KENG, Conc. Fl. Sing. (1990) 33; — *C. alata* BUCH.-HAM. *ex* G. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 70; RIDLEY, Fl. Mal. Pen. 1 (1922) 560; HENDERSON, Mal. Wild Fl. Dic. (1959) 67.
- A 1280 **Crotalaria incana** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 562; SINCLAIR, Gard. Bull. Sing. 14 (1953) 31; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 34.
- 1281 **Crotalaria juncea** L.; KENG, Conc. Fl. Sing. (1990) 34.
- A 1282 **Crotalaria pallida** AIT.; POLHILL, *Crotalaria* in Africa & Madagascar (1982) 184; — *C. saltiana* (*non* ANDR.) PRAIN *ex* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 70; RIDLEY, Fl. Mal. Pen. 1 (1922) 562; — *C. mucronata* DESV.; KENG, Conc. Fl. Sing. (1990) 34.
- 1283 **Crotalaria quinquefolia** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 70; RIDLEY, Fl. Mal. Pen. 1 (1922) 563; HENDERSON, Mal. Wild Fl. Dic. (1959) 72; KENG, Conc. Fl. Sing. (1990) 34.
- 1284 **Crotalaria retusa** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 70; RIDLEY, Fl. Mal. Pen. 1 (1922) 561; HENDERSON, Mal. Wild Fl. Dic. (1959) 68; KENG, Conc. Fl. Sing. (1990) 34.
- 1285 **Cynometra ramiflora** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 635; BURKILL, Dict. (1935) 731; WHITMORE, Tree Fl. Malaya 1 (1972) 254; CORNER, Ways. Trees, 3rd ed. (1988) 434; KENG, Conc. Fl. Sing. (1990) 34.

- 1286 **Dalbergia candenatensis** (DENNST.) PRAIN; KENG, Conc. Fl. Sing. (1990) 34; — *D. torta* GRAH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73; RIDLEY, Fl. Mal. Pen. 1 (1922) 591.
- 1287 **Dalbergia hullettii** PRAIN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73; RIDLEY, Fl. Mal. Pen. 1 (1922) 590; KENG, Conc. Fl. Sing. (1990) 34.
- 1288 **Dalbergia junghuhnii** BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 72 (*incl. var. scortechinii*); KENG, Conc. Fl. Sing. (1990) 34; — *D. scortechinii* BENTH.; RIDLEY, Fl. Mal. Pen. 1 (1922) 589; — *D. stercoracea* MAING.; RIDLEY, Fl. Mal. Pen. 1 (1922) 589.
- 1289 **Dalbergia parviflora** ROXB.; RIDLEY, Fl. Mal. Pen. 1 (1922) 589; KENG, Conc. Fl. Sing. (1990) 34.
- 1290 **Dalbergia rostrata** HASSK.; RIDLEY, Fl. Mal. Pen. 1 (1922) 590; KENG, Conc. Fl. Sing. (1990) 34; — *D. pseudosissoo* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73.
- 1291 **Dalbergia velutina** BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73; RIDLEY, Fl. Mal. Pen. 1 (1922) 592; KENG, Conc. Fl. Sing. (1990) 34.
- 1292 **Derris amoena** BENTH. *var. maingayana* (BAKER) PRAIN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 72; RIDLEY, Fl. Mal. Pen. 1 (1922) 597; MAXWELL, Gard. Bull. Sing. 36 (1983) 231; KENG, Conc. Fl. Sing. (1990) 34.
- 1293 **Derris heptaphylla** (L.) MERR.; KENG, Conc. Fl. Sing. (1990) 34; — *D. sinuata* BENTH. *ex* THW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 72; RIDLEY, Fl. Mal. Pen. 1 (1922) 594; — *Aganope heptaphylla* (L.) POLHILL, Kew Bull. 25 (1971) 268.
- 1294 **Derris scandens** (ROXB.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 72; RIDLEY, Fl. Mal. Pen. 1 (1922) 595; KENG, Conc. Fl. Sing. (1990) 34.
- 1295 **Derris thyrsoflora** (BENTH.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 72; RIDLEY, Fl. Mal. Pen. 1 (1922) 594; KENG, Conc. Fl. Sing. (1990) 34; — *Aganope thyrsoflora* (BENTH.) POLHILL, Kew Bulletin 25 (1971) 268.
- 1296 **Derris trifoliata** LOUR.; KENG, Conc. Fl. Sing. (1990) 34; — *D. uliginosa* (ROXB. *ex* WILLD.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 72; RIDLEY, Fl. Mal. Pen. 1 (1922) 595.
- A 1297 **Desmanthus virgatus** (L.) WILLD.; NIELSEN, Fl. Males. I 11¹ (1992) 213; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 130.
- A 1298 **Desmodium caudatum** (THUNB.) DC.; KNAAP-VAN MEEUWEN, Reinwardtia 6 (1962) 248; OHASHI, Ginkgoana 1 (1973) 91; — *D. laburnifolium* (POIR.) DC.; RIDLEY, Fl. Mal. Pen. 1 (1922) 608; SINCLAIR, Gard. Bull. Sing. 15 (1956) 23; CORLETT, J. Biogeog. (1988) 662.
- 1299 **Desmodium heterocarpon** (L.) DC.; HENDERSON, Mal. Wild Fl. Dic. (1959) 80; KENG, Conc. Fl. Sing. (1990) 35; — *D. polycarpum* (POIR.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73 (*incl. var. ovalifolia*); RIDLEY, Fl. Mal. Pen. 1 (1922) 609; — *D. ovalifolium* WALL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 610; HENDERSON, Mal. Wild Fl. Dic. (1959) 76.

- 1300 **Desmodium heterophyllum** (WILLD.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73; RIDLEY, Fl. Mal. Pen. 1 (1922) 606; HENDERSON, Mal. Wild Fl. Dic. (1959) 75; KENG, Conc. Fl. Sing. (1990) 35.
- 1301 **Desmodium triflorum** (L.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73; RIDLEY, Fl. Mal. Pen. 1 (1922) 606; HENDERSON, Mal. Wild Fl. Dic. (1959) 74; KENG, Conc. Fl. Sing. (1990) 35.
- 1302 **Desmodium umbellatum** (L.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73; RIDLEY, Fl. Mal. Pen. 1 (1922) 607; CORNER, Ways. Trees, 3rd ed. (1988) 406; KENG, Conc. Fl. Sing. (1990) 35; — *Dendrolobium umbellatum* (L.) BENTH.; OHASHI, Ginkgoana 1 (1973) 82.
- 1303 **Dialium indum** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 622; WHITMORE, Tree Fl. Malaya 1 (1972) 259; — *D. laurinum* BAKER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 622; WHITMORE, Tree Fl. Malaya 1 (1972) 260; KENG, Conc. Fl. Sing. (1990) 35.
- 1304 **Dialium maingayi** BAKER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 622; WHITMORE, Tree Fl. Malaya 1 (1972) 260; KENG, Conc. Fl. Sing. (1990) 35.
- 1305 **Dialium patens** BAKER; WHITMORE, Tree Fl. Malaya 1 (1972) 260.
- 1306 **Dialium platysepalum** BAKER; RIDLEY, Fl. Mal. Pen. 1 (1922) 623; WHITMORE, Tree Fl. Malaya 1 (1972) 261; — *D. wallichii* PRAIN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 623; WHITMORE, Tree Fl. Malaya 1 (1972) 261; KENG, Conc. Fl. Sing. (1990) 35.
- 1307 **Dioclea hexandra** (RALPH) MABBERLEY var. **javanica** (BENTH.) DEN HENGST; — *Dioclea reflexa* HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 571.
- 1308 **Entada spiralis** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 655; KENG, Conc. Fl. Sing. (1990) 35; NIELSEN, Fl. Males. I 11¹ (1992) 180.
- 1309 **Flemingia strobilifera** (L.) AIT.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 70; RIDLEY, Fl. Mal. Pen. 1 (1922) 565; HENDERSON, Mal. Wild Fl. Dic. (1959) 63; — *Moghania strobilifera* (L.) ST. HIL. ex JACKSON; KENG, Conc. Fl. Sing. (1990) 36.
- A 1310 **Indigofera hirsuta** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 71; RIDLEY, Fl. Mal. Pen. 1 (1922) 580; HENDERSON, Mal. Wild Fl. Dic. (1959) 84; KENG, Conc. Fl. Sing. (1990) 35.
- 1311 **Indigofera spicata** FORSK.; DE KORT & THUISSE, Blumea 30 (1984) 132.
- A 1312 **Indigofera suffruticosa** MILL.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 32; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 35.
- A 1313 **Indigofera tinctoria** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 581; BURKILL, Dict. (1935) 1259; KENG, Conc. Fl. Sing. (1990) 36.
- 1314 **Indigofera zollingeriana** MIQ.; DE KORT & THUISSE, Blumea 30 (1984) 132.

- 1315 **Intsia bijuga** (COLEBR.) O. KTZE.; WHITMORE, Tree Fl. Malaya 1 (1972) 262; CORNER, Ways. Trees, 3rd ed. (1988) 438; KENG, Conc. Fl. Sing. (1990) 36; — *Afzelia retusa* KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 639; — *Afzelia bijuga* A. GRAY; RIDLEY, Fl. Mal. Pen. 1 (1922) 639.
- 1316 **Koompassia malaccensis** MAING. *ex* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 620; WHITMORE, Tree Fl. Malaya 1 (1972) 265; CORNER, Ways. Trees, 3rd ed. (1988) 439; KENG, Conc. Fl. Sing. (1990) 36.
- 1317 **Kunstleria ridleyi** PRAIN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 72; RIDLEY, Fl. Mal. Pen. 1 (1922) 600; KENG, Conc. Fl. Sing. (1990) 36.
- A 1318 **Leucaena leucocephala** (LMK.) DE WIT; CORNER, Ways. Trees, 3rd ed. (1988) 456; KENG, Conc. Fl. Sing. (1990) 36; NIELSEN, Fl. Males. I 11¹ (1992) 182; — *L. glauca* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 76; RIDLEY, Fl. Mal. Pen. 1 (1922) 655.
- A 1319 **Millettia atropurpurea** (WALL.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 72; WHITMORE, Tree Fl. Malaya 1 (1972) 296; CORNER, Ways. Trees, 3rd ed. (1988) 413; KENG, Conc. Fl. Sing. (1990) 36; — *Adinobotrys atropurpureus* (WALL.) DUNN; RIDLEY, Fl. Mal. Pen. 1 (1922) 587; — *Whitfordiodendron pubescens* (CRAIB) BURKILL; BURKILL, Dict. (1935) 2256.
- 1320 **Millettia eriantha** BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 71; KENG, Conc. Fl. Sing. (1990) 36; — *Adinobotrys erianthus* (BENTH.) DUNN; RIDLEY, Fl. Mal. Pen. 1 (1922) 586.
- 1321 **Millettia maingayi** BAKER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 72; KENG, Conc. Fl. Sing. (1990) 36; — *Padebruggea maingayi* (BAKER) DUNN; RIDLEY, Fl. Mal. Pen. 1 (1922) 587.
- A 1322 **Mimosa bimucronata** (DC.) O. KUNTZE; NIELSEN, Fl. Males. I 11¹ (1992) 184; — *M. sepiaria* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 76; RIDLEY, Fl. Mal. Pen. 1 (1922) 656; HENDERSON, Mal. Wild Fl. Dic. (1959) 103; KENG, Conc. Fl. Sing. (1990) 36.
- A 1323 **Mimosa diplotricha** C. WRIGHT *ex* SAUVALLE; NIELSEN, Fl. Males. I 11¹ (1992) 184; — *M. invis auct., non* MART. *ex* COLLA; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 36.
- A 1324 **Mimosa pigra** L.; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 36; NIELSEN, Fl. Males. I 11¹ (1992) 185.
- A 1325 **Mimosa pudica** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 76; RIDLEY, Fl. Mal. Pen. 1 (1922) 656; HENDERSON, Mal. Wild Fl. Dic. (1959) 102; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 36; NIELSEN, Fl. Males. I 11¹ (1992) 185.
- 1326 **Mucuna gigantea** (WILLD.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 71; RIDLEY, Fl. Mal. Pen. 1 (1922) 577; KENG, Conc. Fl. Sing. (1990) 37.

- A 1327 **Neptunia oleracea** LOUR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 76; RIDLEY, Fl. Mal. Pen. 1 (1922) 653; HENDERSON, Mal. Wild Fl. Dic. (1959) 101; CORLETT, J. Biogeog. (1988) 662; NIELSEN, Fl. Males. I 11¹ (1992) 189; — *N. natans* (L. f.) DRUCE; KENG, Conc. Fl. Sing. (1990) 37.; —
- A 1328 **Neptunia plena** (L.) BENTH.; MAXWELL, Gard. Bull. Sing. 36 (1983) 231; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 37; NIELSEN, Fl. Males. I 11¹ (1992) 214.
- 1329 **Ormocarpum cochinchinense** (LOUR.) MERR.; RUDD, Rev. Handb. Fl. Ceyl. 7 (1991) 169; — *O. glabrum* TEYSM. & BINN.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 32.
- 1330 **Ormosia bancana** (MIQ.) MERR.; WHITMORE, Tree Fl. Malaya 1 (1972) 300; CORNER, Ways. Trees, 3rd ed. (1988) 414; KENG, Conc. Fl. Sing. (1990) 37; — *O. parvifolia* BAKER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 614.
- 1331 **Ormosia macrodisca** BAK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 613; WHITMORE, Tree Fl. Malaya 1 (1972) 301; KENG, Conc. Fl. Sing. (1990) 37.
- 1332 **Ormosia sumatrana** (MIQ.) PRAIN; RIDLEY, Fl. Mal. Pen. 1 (1922) 614; WHITMORE, Tree Fl. Malaya 1 (1972) 301; KENG, Conc. Fl. Sing. (1990) 37; — *O. microsperma* BAKER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 614.
- A 1333 **Paraserianthes falcataria** (L.) I. NIELSEN; NIELSEN, Fl. Males. I 11¹ (1992) 151; — *A. moluccana* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 76; RIDLEY, Fl. Mal. Pen. 1 (1922) 659; — *A. falcata* (L.) BACKER; WHITMORE, Tree Fl. Malaya 1 (1972) 277; — *A. falcataria* (L.) FOSBERG; CORLETT, J. Biogeog. (1988) 662; CORNER, Ways. Trees, 3rd ed. (1988) 452; KENG, Conc. Fl. Sing. (1990) 31.
- 1334 **Parkia speciosa** HASSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 652; WHITMORE, Tree Fl. Malaya 1 (1972) 281; CORNER, Ways. Trees, 3rd ed. (1988) 458; KENG, Conc. Fl. Sing. (1990) 37; FORTUNE-HOPKINS, Fl. Males. I 11¹ (1992) 198.
- 1335 **Peltophorum pterocarpum** (DC.) BACKER *ex* HEYNE; WHITMORE, Tree Fl. Malaya 1 (1972) 268; CORNER, Ways. Trees, 3rd ed. (1988) 440; KENG, Conc. Fl. Sing. (1990) 37; — *P. ferrugineum* (DECNE.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 646.
- 1336 **Pongamia pinnata** (L.) PIERRE; WHITMORE, Tree Fl. Malaya 1 (1972) 303; CORNER, Ways. Trees, 3rd ed. (1988) 415; KENG, Conc. Fl. Sing. (1990) 38; — *P. glabra* VENT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 72; RIDLEY, Fl. Mal. Pen. 1 (1922) 593.
- A 1337 **Pseudarthria viscida** (L.) W. & A.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 32; CORLETT, J. Biogeog. (1988) 662.
- A 1338 **Pueraria phaseoloides** (ROXB.) BENTH.; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 38.

- A 1339 ***Senna alata*** (L.) ROXB.; LOCK, Legumes of Africa (1989) 36; — *Cassia alata* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 619; HENDERSON, Mal. Wild Fl. Dic. (1959) 98; CORLETT, J. Biogeog. (1988) 662; CORNER, Ways. Trees, 3rd ed. (1988) 429; KENG, Conc. Fl. Sing. (1990) 33.
- A 1340 ***Senna hirsuta*** (L.) IRWIN & BARNEBY; LOCK, Legumes of Africa (1989) 37; — *Cassia hirsuta* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 618; HENDERSON, Mal. Wild Fl. Dic. (1959) 96; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 33.
- A 1341 ***Senna obtusifolia*** (L.) T. & B.; LOCK, Legumes of Africa (1989) 38; — *Cassia obtusifolia* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 618; KENG, Conc. Fl. Sing. (1990) 33.
- A 1342 ***Senna occidentalis*** (L.) LINK; LOCK, Legumes of Africa (1989) 38; — *Cassia occidentalis* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 74; RIDLEY, Fl. Mal. Pen. 1 (1922) 618; HENDERSON, Mal. Wild Fl. Dic. (1959) 99; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 33.
- A 1343 ***Senna tora*** (L.) ROXB.; LOCK, Legumes of Africa (1989) 40; — *Cassia tora* L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 618; HENDERSON, Mal. Wild Fl. Dic. (1959) 99; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 33.
- 1344 ***Serianthes grandiflora*** BENTH.; RIDLEY, Fl. Mal. Pen. 1 (1922) 657; SINCLAIR, Gard. Bull. Sing. 14 (1953) 39; NIELSEN, Fl. Thail. 4 (1985) 220; NIELSEN, Fl. Males. I 11¹ (1992) 160; — *S. dilmyi* FOSBERG; WHITMORE, Tree Fl. Malaya 1 (1972) 289; KENG, Conc. Fl. Sing. (1990) 38.
- A 1345 ***Sesbania cannabina*** (RETZ.) POIRET; BURBRIDGE, Aust. J. Bot. 13 (1965) 118.
- 1346 ***Sindora wallichii*** GRAH. *ex* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 637; WHITMORE, Tree Fl. Malaya 1 (1972) 273; KENG, Conc. Fl. Sing. (1990) 39; — *S. intermedia* (BAKER) PRAIN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 75; RIDLEY, Fl. Mal. Pen. 1 (1922) 638.
- 1347 ***Spatholobus ferrugineus*** (ZOLL. & MOR.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 71; RIDLEY, Fl. Mal. Pen. 1 (1922) 574; RIDDER-NUMAN & WIRIADINATA, Reinwardtia 10 (1985) 170; KENG, Conc. Fl. Sing. (1990) 39.
- 1348 ***Spatholobus maingayi*** PRAIN *ex* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 71; RIDLEY, Fl. Mal. Pen. 1 (1922) 575; RIDDER-NUMAN & WIRIADINATA, Reinwardtia 10 (1985) 180; KENG, Conc. Fl. Sing. (1990) 39.
- 1349 ***Spatholobus ridleyi*** PRAIN *ex* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 71; RIDLEY, Fl. Mal. Pen. 1 (1922) 575; RIDDER-NUMAN & WIRIADINATA, Reinwardtia 10 (1985) 194; KENG, Conc. Fl. Sing. (1990) 39.
- A 1350 ***Stylosanthes guianensis*** (AUBL.) SW.; CORLETT, J. Biogeog. (1988) 662.
- 1351 ***Stylosanthes humilis*** H.B.K.; RUDD, Rev. Handb. Fl. Ceyl. 7 (1991) 180; — *S. sundaica* TAUB.; KENG, Conc. Fl. Sing. (1990) 39.

- A 1352 **Tephrosia noctiflora** BOJER *ex* BAKER; BURKILL, Dict. (1935) 2132; BOSMAN & DE HAAS, Blumea 28 (1983) 458; CORLETT, J. Biogeog. (1988) 662; — *T. hookeriana* W. & A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 71; — *T. subamoena* PRAIN; RIDLEY, Fl. Mal. Pen. 1 (1922) 581.
- A 1353 **Uraria crinita** (L.) DESV. *ex* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73; RIDLEY, Fl. Mal. Pen. 1 (1922) 602; HENDERSON, Mal. Wild Fl. Dic. (1959) 65; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 39.
- 1354 **Vigna marina** (BURM.) MERR.; HENDERSON, Mal. Wild Fl. Dic. (1959) 87; KENG, Conc. Fl. Sing. (1990) 39; — *V. retusa* (E. MEYER) WALP.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 70; RIDLEY, Fl. Mal. Pen. 1 (1922) 568.
- A 1355 **Vigna unguiculata** (L.) WALP.; CORLETT, J. Biogeog. 19 (1992) 427.
- A 1356 **Zornia diphylla** (L.) PERS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 73; RIDLEY, Fl. Mal. Pen. 1 (1922) 601; HENDERSON, Mal. Wild Fl. Dic. (1959) 91; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 39.

LEMNACEAE

- 1357 **Lemna perpusilla** TORREY; VAN DER PLAS, Fl. Males. I 7¹ (1971) 230; — *L. paucicostata* HEGELM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179, RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 52; RIDLEY, Fl. Mal. Pen. 5 (1925) 132; HENDERSON, Mal. Wild Fl. Monoc. (1954) 210.
- 1358 **Lemna tenera** KURZ; RIDLEY, Fl. Mal. Pen. 5 (1925) 132; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 52; VAN DER PLAS, Fl. Males. I 7¹ (1971) 235; — *L. sp.* near *L. trisulca* RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179.
- 1359 **Spirodela polyrhiza** (L.) SCHLEID.; VAN DER PLAS, Fl. Males. I 7¹ (1971) 224; — *L. polyrhiza* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179, RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 53; RIDLEY, Fl. Mal. Pen. 5 (1925) 132.
- 1360 **Wolffia globosa** (ROXB.) HARTOG & PLAS; VAN DER PLAS, Fl. Males. I 7¹ (1971) 236; — *W. arrhiza* (*non* WIMMER) MARTENS; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179, RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 53; RIDLEY, Fl. Mal. Pen. 5 (1925) 132; HENDERSON, Mal. Wild Fl. Monoc. (1954) 210.

LENTIBULARIACEAE

- 1361 **Utricularia aurea** LOUR.; TAYLOR, Fl. Males. I 8² (1977) 296; — *U. flexuosa* VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119; RIDLEY, Fl. Mal. Pen. 2 (1923) 491; HENDERSON, Mal. Wild Fl. Dic. (1959) 336.
- 1362 **Utricularia bifida** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119; RIDLEY, Fl. Mal. Pen. 2 (1923) 492; HENDERSON, Mal. Wild Fl. Dic. (1959) 337; TAYLOR, Fl. Males. I 8² (1977) 281; KENG, Conc. Fl. Sing. (1990) 181.

- 1363 **Utricularia caerulea** L.; TAYLOR, Fl. Males. I 8² (1977) 287; KENG, Conc. Fl. Sing. (1990) 181; — *U. racemosa* WALL. ex WALP.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119; — *U. albina* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 493; — *U. ophirensis* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 495.
- 1364 **Utricularia gibba** L.; TAYLOR, The Genus *Utricularia* (1989) 572; — *U. exoleta* R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119; RIDLEY, Fl. Mal. Pen. 2 (1923) 491; TAYLOR, Fl. Males. I 8² (1977) 294; KENG, Conc. Fl. Sing. (1990) 181.
- 1365 **Utricularia punctata** WALL. ex A. DC.; TAYLOR, Fl. Males. I 8² (1977) 293; KENG, Conc. Fl. Sing. (1990) 181; — *U. fluitans* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 491.
- 1366 **Utricularia uliginosa** VAHL; TAYLOR, Fl. Males. I 8² (1977) 282; KENG, Conc. Fl. Sing. (1990) 181; — *U. affinis* var. *griffithii* (WIGHT) OLIV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119; — *U. griffithii* WIGHT; RIDLEY, Fl. Mal. Pen. 2 (1923) 492.

LILIACEAE

- 1367 **Dianella ensifolia** (L.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 168; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 92; RIDLEY, Fl. Mal. Pen. 4 (1924) 329; HENDERSON, Mal. Wild Fl. Monoc. (1954) 186; JESSOP, Fl. Males. I 9¹ (1979) 207; KENG, Gard. Bull. Sing. 40 (1987) 116.
- 1368 **Peliosanthes teta** ANDR. ssp. *humilis* (ANDR.) JESSOP; JESSOP, Fl. Males. I 9¹ (1979) 229; KENG, Gard. Bull. Sing. 40 (1987) 117; — *P. violacea* WALL. ex BAKER, RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; Mat. Fl. Mal. Pen. 2 89; RIDLEY, Fl. Mal. Pen. 4 (1924) 324; HENDERSON, Mal. Wild Fl. Monoc. (1954) 184; — *P. viridis* RIDL., RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; Mat. Fl. Mal. Pen. 2 89; RIDLEY, Fl. Mal. Pen. 4 (1924) 325; HENDERSON, Mal. Wild Fl. Monoc. (1954) 184;

LINACEAE

- 1369 **Indorouchera griffithiana** (PLANCH.) HALLIER f.; COCKBURN, Tree Fl. Malaya 1 (1972) 306; VAN HOOREN & NOOTEBOOM, Fl. Males. I 10³ (1988) 617; KENG, Conc. Fl. Sing. (1990) 93; — *Roucheria griffithiana* PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 323.

LOGANIACEAE

- 1370 **Fagraea acuminatissima** MERR.; LEENHOUTS, Fl. Males. I 6² (1962) 319; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 271; — *F. obovata* (non WALL.) KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 114; RIDLEY, Fl. Mal. Pen. 2 (1923) 418.
- 1371 **Fagraea auriculata** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 114; RIDLEY, Fl. Mal. Pen. 2 (1923) 416; BURKILL, Dict. (1935) 993; SINCLAIR, Gard. Bull. Sing. 14 (1953) 39; LEENHOUTS, Fl. Males. I 6² (1962) 326; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 270; KENG, Conc. Fl. Sing. (1990) 140.

- 1372 **Fagraea fragrans** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 114; CORNER, Ways. Trees 1st ed. (1940) 424; LEENHOUTS, Fl. Males. I 6² (1962) 304 (*in part*); KOCHUMMEN, Tree Fl. Malaya 2 (1973) 273; CORNER, Ways. Trees, 3rd ed. (1988) 468; KENG, Conc. Fl. Sing. (1990) 140 (*in part*); — *Cyrtophyllum peregrinum* REINW.; RIDLEY, Fl. Mal. Pen. 2 (1923) 421.
- 1373 **Fagraea gigantea** RIDL.; CORNER, Ways. Trees 1st ed. (1940) 425; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 273; CORNER, Ways. Trees, 3rd ed. (1988) 469; — *F. speciosa* (non BL.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 114; — *Cyrtophyllum giganteum* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 421; — *F. fragrans* ROXB.; LEENHOUTS, Fl. Males. I 6² (1962) 304 (*in part*); KENG, Conc. Fl. Sing. (1990) 140 (*in part*).
- 1374 **Fagraea racemosa** JACK ex WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 114; RIDLEY, Fl. Mal. Pen. 2 (1923) 418; BURKILL, Dict. (1935) 996; CORNER, Ways. Trees 1st ed. (1940) 425; LEENHOUTS, Fl. Males. I 6² (1962) 311; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 270; CORNER, Ways. Trees, 3rd ed. (1988) 469; KENG, Conc. Fl. Sing. (1990) 140; — *F. ligustrina* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 114; RIDLEY, Fl. Mal. Pen. 2 (1923) 420; — *F. morindaefolia* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 114.
- 1375 **Fagraea ridleyi** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 417; LEENHOUTS, Fl. Males. I 6² (1962) 320; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 271; KENG, Conc. Fl. Sing. (1990) 140; — *F. carnosa* (non JACK) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 114.
- 1376 **Norrisia maior** SOLERED.; LEENHOUTS, Fl. Males. I 6² (1962) 341; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 274; KENG, Conc. Fl. Sing. (1990) 141; — *N. malaccensis* (non GARDN.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 114; BURKILL, Dict. (1935) 1561; — *N. malaccensis* GARDN. var. *major* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 414.
- 1377 **Strychnos axillaris** COLEBR.; LEENHOUTS, Fl. Males. I 6² (1962) 358; KENG, Conc. Fl. Sing. (1990) 141; — *S. malaccensis* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 115; RIDLEY, Fl. Mal. Pen. 2 (1923) 425; — *S. pubescens* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 115; RIDLEY, Fl. Mal. Pen. 2 (1923) 424; BURKILL, Dict. (1935) 2098.
- 1378 **Strychnos ignatii** BERG; BURKILL, Dict. (1935) 2095; LEENHOUTS, Fl. Males. I 6² (1962) 347; KENG, Conc. Fl. Sing. (1990) 141; — *S. tieute* LESCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 115; — *S. ovalifolia* WALL. ex G. DON; RIDLEY, Fl. Mal. Pen. 2 (1923) 425; BURKILL, Dict. (1935) 2097.
- 1379 **Strychnos maingayi** CLARKE; RIDLEY, Fl. Mal. Pen. 2 (1923) 423; LEENHOUTS, Fl. Males. I 6² (1962) 350; KENG, Conc. Fl. Sing. (1990) 141.
- 1380 **Strychnos ridleyi** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 424; LEENHOUTS, Fl. Males. I 6² (1962) 360; KENG, Conc. Fl. Sing. (1990) 141.

LORANTHACEAE

- 1381 **Amylothea duthieana** (KING) DANSER; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 244; KENG, Conc. Fl. Sing. (1990) 129; — *Loranthus duthieanus* KING; RIDLEY, Fl. Mal. Pen. 3 (1924) 156.
- 1382 **Barathranthus axsanthus** (KORTH.) MIQ.; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 393; — *Loranthus lobbii* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; RIDLEY, Fl. Mal. Pen. 3 (1924) 153; HENDERSON, Mal. Wild Fl. Dic. (1959) 451.
- 1383 **Dendrophthoe falcata** (L. f.) ETTINGSH.; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 403; — *Loranthus longiflora* DESR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134.
- 1384 **Dendrophthoe pentandra** (L.) MIQ.; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 417; KENG, Conc. Fl. Sing. (1990) 129; *Loranthus crassus* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; RIDLEY, Fl. Mal. Pen. 3 (1924) 155; — *Loranthus pentandrus* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; RIDLEY, Fl. Mal. Pen. 3 (1924) 155; HENDERSON, Mal. Wild Fl. Dic. (1959) 454.
- 1385 **Elytranthe albida** (BL.) BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 158; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 305; KENG, Conc. Fl. Sing. (1990) 129; — *Loranthus albidus* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134.
- 1386 **Elytranthe arnottiana** (KORTH.) MIQ.; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 307; KENG, Conc. Fl. Sing. (1990) 129; — *Loranthus maingayi* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; — *Elytranthe maingayi* (HOOK. f.) TIEGH.; RIDLEY, Fl. Mal. Pen. 3 (1924) 158.
- 1387 **Helixanthera coccinea** (JACK) DANSER; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 374; KENG, Conc. Fl. Sing. (1990) 129; — *Loranthus coccineus* JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; RIDLEY, Fl. Mal. Pen. 3 (1924) 152; HENDERSON, Mal. Wild Fl. Dic. (1959) 452.
- 1388 **Helixanthera parasitica** LOUR.; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 381; — *Loranthus pentapetalus* ROXB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 152; HENDERSON, Mal. Wild Fl. Dic. (1959) 452.
- 1389 **Macrosolen cochinchinensis** (LOUR.) TIEGH.; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 279; KENG, Conc. Fl. Sing. (1990) 129; — *Loranthus ampullaceus* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; — *Elytranthe globosa* (ROXB.) G. DON; RIDLEY, Fl. Mal. Pen. 3 (1924) 161; — *Loranthus globosus* ROXB.; HENDERSON, Mal. Wild Fl. Dic. (1959) 453.
- 1390 **Macrosolen papillosus** (GAMBLE) DANSER; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 293; — *Elytranthe papillosa* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 160.
- 1391 **Macrosolen retusus** (JACK) MIQ.; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 296; KENG, Conc. Fl. Sing. (1990) 129; — *Loranthus retusus* JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; — *Elytranthe retusa* (JACK) G. DON; RIDLEY, Fl. Mal. Pen. 3 (1924) 160.

- 1392 **Scurrula ferruginea** (JACK) DANSER; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 432; KENG, Conc. Fl. Sing. (1990) 129; — *Loranthus ferrugineus* JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; RIDLEY, Fl. Mal. Pen. 3 (1924) 153; HENDERSON, Mal. Wild Fl. Dic. (1959) 449.
- 1393 **Scurrula parasitica** L.; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 130.
- 1394 **Viscum articulatum** BURM. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; RIDLEY, Fl. Mal. Pen. 3 (1924) 165; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 460; HENDERSON, Mal. Wild Fl. Dic. (1959) 455; KENG, Conc. Fl. Sing. (1990) 130; — *V. flexuosum* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 165.
- 1395 **Viscum ovalifolium** WALL. *ex* DC.; KENG, Conc. Fl. Sing. (1990) 130; — *V. orientale* (*non* WILLD.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 134; RIDLEY, Fl. Mal. Pen. 3 (1924) 164; DANSER, Bull. Jard. Bot. Buitenzorg Sér. III 11 (1931) 466; HENDERSON, Mal. Wild Fl. Dic. (1959) 455.

LYTHRACEAE

- A 1396 **Ammania baccifera** L.; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 131.
- 1397 **Pemphis acidula** J.R. & G. FORST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86; RIDLEY, Fl. Mal. Pen. 1 (1922) 821; HENDERSON, Mal. Wild Fl. Dic. (1959) 146; EVERETT & WHITMORE, Tree Fl. Malaya 2 (1973) 276; CORNER, Ways. Trees, 3rd ed. (1988) 475; KENG, Conc. Fl. Sing. (1990) 83.

MAGNOLIACEAE

- 1398 **Magnolia candolii** (BL.) H. KENG *var. singapurensis* (RIDL.) NOOT.; NOOTEBOOM, Fl. Males. I 10³ (1988) 586; — *Talauma lanigera* (*non* HOOK. f. & THOMS.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 38; — *Talauma singapurensis* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 16; KENG, Tree Fl. Malaya 2 (1973) 293; KENG, Conc. Fl. Sing. (1990) 9.
- 1399 **Magnolia elegans** (BL.) H. KENG; NOOTEBOOM, Fl. Males. I 10³ (1988) 573; — *Aromadendron elegans* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 38 (*also called Talauma elegans* (BL.) MIQ.); RIDLEY, Fl. Mal. Pen. 1 (1922) 17; BURKILL, Dict. (1935) 241; KENG, Tree Fl. Malaya 2 (1973) 283; KENG, Conc. Fl. Sing. (1990) 8.
- 1400 **Magnolia maingayi** KING; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 13; BURKILL, Dict. (1935) 1393; KENG, Tree Fl. Malaya 2 (1973) 285; NOOTEBOOM, Fl. Males. I 10³ (1988) 573; KENG, Conc. Fl. Sing. (1990) 9.
- 1401 **Magnolia villosa** (MIQ.) H. KENG; NOOTEBOOM, Fl. Males. I 10³ (1988) 588; — *Talauma lanigera* HOOK. f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 15; — *Talauma villosa* MIQ.; KENG, Tree Fl. Malaya 2 (1973) 293; KENG, Conc. Fl. Sing. (1990) 9.

MALPIGHIACEAE

- 1402 **Aspidopteris concava** (WALL.) JUSS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 329; JACOBS, Fl. Males. I 5² (1955) 129; MAXWELL, Gard. Bull. Sing. 35 (1983) 195; KENG, Conc. Fl. Sing. (1990) 95.
- 1403 **Hiptage sericea** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55; RIDLEY, Fl. Mal. Pen. 1 (1922) 328; JACOBS, Fl. Males. I 5² (1955) 131; KENG, Conc. Fl. Sing. (1990) 95.
- 1404 **Tristellateia australasiae** A. RICH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 55 (*australasica*); RIDLEY, Fl. Mal. Pen. 1 (1922) 327; JACOBS, Fl. Males. I 5² (1955) 136; KENG, Conc. Fl. Sing. (1990) 95.

MALVACEAE

- A 1405 **Abelmoschus moschatus** MEDIK.; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 310; KENG, Conc. Fl. Sing. (1990) 89; — *Hibiscus abelmoschus* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 51; RIDLEY, Fl. Mal. Pen. 1 (1922) 258.
- 1406 **Abutilon indicum** (L.) SWEET; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 51; RIDLEY, Fl. Mal. Pen. 1 (1922) 256; HENDERSON, Mal. Wild Fl. Dic. (1959) 37; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 310; KENG, Conc. Fl. Sing. (1990) 89.
- 1407 **Hibiscus surattensis** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 51; RIDLEY, Fl. Mal. Pen. 1 (1922) 258; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 311; KENG, Conc. Fl. Sing. (1990) 90.
- 1408 **Hibiscus tiliaceus** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 51; RIDLEY, Fl. Mal. Pen. 1 (1922) 259; BURKILL, Dict. (1935) 1163; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 312; CORNER, Ways. Trees, 3rd ed. (1988) 482; KENG, Conc. Fl. Sing. (1990) 90.
- 1409 **Sida acuta** BURM. f.; HENDERSON, Mal. Wild Fl. Dic. (1959) 37; KENG, Conc. Fl. Sing. (1990) 90; — *Sida carpinifolia* L. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 50; RIDLEY, Fl. Mal. Pen. 1 (1922) 255.
- 1410 **Sida cordifolia** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 254; HENDERSON, Mal. Wild Fl. Dic. (1959) 39; KENG, Conc. Fl. Sing. (1990) 90.
- 1411 **Sida rhombifolia** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 51; RIDLEY, Fl. Mal. Pen. 1 (1922) 254; HENDERSON, Mal. Wild Fl. Dic. (1959) 38; KENG, Conc. Fl. Sing. (1990) 90.
- 1412 **Thespesia populnea** (L.) SOLAND. ex CORREA; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 51; RIDLEY, Fl. Mal. Pen. 1 (1922) 260; BURKILL, Dict. (1935) 2152; CORNER, Ways. Trees 1st ed. (1940) 444; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 313; CORNER, Ways. Trees, 3rd ed. (1988) 483; KENG, Conc. Fl. Sing. (1990) 90.
- 1413 **Urena lobata** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 51; RIDLEY, Fl. Mal. Pen. 1 (1922) 256; HENDERSON, Mal. Wild Fl. Dic. (1959) 36; KOCHUMMEN, Tree Fl. Malaya 1 (1972) 310; KENG, Conc. Fl. Sing. (1990) 90.

MARANTACEAE

- 1414 **Donax grandis** (MIQ.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 56; RIDLEY, Fl. Mal. Pen. 4 (1924) 286; HOLTTUM, Gard. Bull. Sing. 13 (1951) 268; HENDERSON, Mal. Wild Fl. Monoc. (1954) 129.
- 1415 **Phrynium parvum** (RIDL.) HOLTT., Gard. Bull. Sing. 13 (1951) 283; — *Stachyphrynium minus* (non SCHUM.) RIDL., RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 59; — *Stachyphrynium parvum* RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 288.
- 1416 **Phrynium villosulum** MIQ.; KENNEDY, Kew Bull. 43 (1988) 728; — *P. basiflorum* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 60; RIDLEY, Fl. Mal. Pen. 4 (1924) 289; HOLTTUM, Gard. Bull. Sing. 13 (1951) 292.
- Possibly merely planted at Bukit Timah Nature Reserve.
- 1417 **Schumannianthus dichotomus** (ROXB.) GAGNEP.; HOLTTUM, Gard. Bull. Sing. 13 (1951) 272; — *Donax arundastrum* (non LOUR.) SCHUM.; RIDLEY, Fl. Mal. Pen. 4 (1924) 286.
- 1418 **Stachyphrynium griffithii** (BAK.) K. SCHUM.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 57; RIDLEY, Fl. Mal. Pen. 4 (1924) 287; HOLTTUM, Gard. Bull. Sing. 13 (1951) 276; HENDERSON, Mal. Wild Fl. Monoc. (1954) 181; — *Phrynium griffithii* BAK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166.

MELASTOMATACEAE

- A 1419 **Clidemia hirta** (L.) D. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85; RIDLEY, Fl. Mal. Pen. 1 (1922) 807; HENDERSON, Mal. Wild Fl. Dic. (1959) 128; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 81.
- 1420 **Diplectria divaricata** (WILLD.) O. KTZE.; VELDKAMP, FRANKEN, ROOS & NAYAR, Blumea 24 (1978) 417; — *Anplectrum glaucum* (JACK) TRIANA; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 799; BURKILL, Dict. (1935) 172; HENDERSON, Mal. Wild Fl. Dic. (1959) 131; — *Anplectrum divaricatum* (WILLD.) TRIANA; RIDLEY, Fl. Mal. Pen. 1 (1922) 800; BURKILL, Dict. (1935) 172; HENDERSON, Mal. Wild Fl. Dic. (1959) 131; — *D. glaucum* (JACK) VELDK.; KENG, Conc. Fl. Sing. (1990) 81.
- 1421 **Diplectria stipularis** (BL.) O. KTZE.; VELDKAMP, FRANKEN, ROOS & NAYAR, Blumea 24 (1978) 424; — *Anplectrum annulatum* (WALL.) TRIANA; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; — *Anplectrum lepto-setosum* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 799.
- 1422 **Diplectria viminalis** (JACK) O. KTZE.; VELDKAMP, FRANKEN, ROOS & NAYAR, Blumea 24 (1978) 427; KENG, Conc. Fl. Sing. (1990) 81; — *Anplectrum pallens* (BL.) TRIANA; RIDLEY, Fl. Mal. Pen. 1 (1922) 800 (*incl. var. petiolare* RIDL.); HENDERSON, Mal. Wild Fl. Dic. (1959) 132.
- 1423 **Dissochaeta annulata** HOOK. f. ex TRIANA; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 796; KENG, Conc. Fl. Sing. (1990) 81.

- 1424 **Dissochaeta celebica** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 798; HENDERSON, Mal. Wild Fl. Dic. (1959) 130; KENG, Conc. Fl. Sing. (1990) 81.
- 1425 **Dissochaeta gracilis** (JACK) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 797; HENDERSON, Mal. Wild Fl. Dic. (1959) 130; KENG, Conc. Fl. Sing. (1990) 81.
- 1426 **Dissochaeta intermedia** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 798; KENG, Conc. Fl. Sing. (1990) 81.
- 1427 **Dissochaeta pallida** (JACK) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 797; KENG, Conc. Fl. Sing. (1990) 81.
- 1428 **Dissochaeta punctulata** HOOK. *f. ex* TRIANA; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 796; KENG, Conc. Fl. Sing. (1990) 81.
- 1429 **Macrolenes echinulata** (NAUD.) BAKH. *f.*; MAXWELL, Malay. Nat. J. 35 (1982) 161; KENG, Conc. Fl. Sing. (1990) 81 ("*echinata*"); — *Marumia rhodocarpa* COGN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 795.
- 1430 **Macrolenes nemorosa** (JACK) BAKH. *f.*; MAXWELL, Malay. Nat. J. 35 (1982) 161; KENG, Conc. Fl. Sing. (1990) 81; — *Marumia nemorosa* (JACK) BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 795; HENDERSON, Mal. Wild Fl. Dic. (1959) 129.
- 1431 **Medinilla crassifolia** (REINW. *ex* BL.) BL.; MAXWELL, Gard. Bull. Sing. 31 (1978) 157; — *M. hasseltii* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85; RIDLEY, Fl. Mal. Pen. 1 (1922) 802; HENDERSON, Mal. Wild Fl. Dic. (1959) 138.
- 1432 **Medinilla radicans** (BL.) BL.; MAXWELL, Gard. Bull. Sing. 31 (1978) 169; KENG, Conc. Fl. Sing. (1990) 81; — *M. macrocarpa* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85; — *M. crassinervia* (*non* BL.) KING; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 804; HENDERSON, Mal. Wild Fl. Dic. (1959) 137.
- 1433 **Melastoma malabathricum** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 764; HENDERSON, Mal. Wild Fl. Dic. (1959) 141; CORNER, Ways. Trees, 3rd ed. (1988) 486; KENG, Conc. Fl. Sing. (1990) 81; — *M. polyanthum* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 83; RIDLEY, Fl. Mal. Pen. 1 (1922) 765.
- 1434 **Memecylon acuminatum** SMITH; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 817; MAXWELL, Gard. Bull. Sing. 33 (1980) 57; CORNER, Ways. Trees, 3rd ed. (1988) 488; MAXWELL, Tree Fl. Malaya 4 (1989) 187.
- 1435 **Memecylon amplexicaule** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 815; MAXWELL, Gard. Bull. Sing. 33 (1980) 58; CORNER, Ways. Trees, 3rd ed. (1988) 488; MAXWELL, Tree Fl. Malaya 4 (1989) 187; KENG, Conc. Fl. Sing. (1990) 81; — *M. microstomum* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88.
- 1436 **Memecylon caeruleum** JACK; RIDLEY, Fl. Mal. Pen. 1 (1922) 816; MAXWELL, Gard. Bull. Sing. 33 (1980) 61; CORNER, Ways. Trees, 3rd ed. (1988) 489; MAXWELL, Tree Fl. Malaya 4 (1989) 188; KENG, Conc. Fl. Sing. (1990) 81.

- 1437 **Memecylon campanulatum** CLARKE; RIDLEY, Fl. Mal. Pen. 1 (1922) 818; MAXWELL, Gard. Bull. Sing. 33 (1980) 63; MAXWELL, Tree Fl. Malaya 4 (1989) 188.
- 1438 **Memecylon cantleyi** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 818; MAXWELL, Gard. Bull. Sing. 33 (1980) 64; MAXWELL, Gard. Bull. Sing. 35 (1983) 196; MAXWELL, Tree Fl. Malaya 4 (1989) 188; KENG, Conc. Fl. Sing. (1990) 81.
- 1439 **Memecylon cinereum** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 817; MAXWELL, Gard. Bull. Sing. 33 (1980) 66; MAXWELL, Tree Fl. Malaya 4 (1989) 187.
- 1440a **Memecylon edule** ROXB. *var. edule*; MAXWELL, Gard. Bull. Sing. 33 (1980) 72; MAXWELL, Tree Fl. Malaya 4 (1989) 189; KENG, Conc. Fl. Sing. (1990) 81; — *M. edule*; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 819; CORNER, Ways. Trees, 3rd ed. (1988) 489.
- 1440b **Memecylon edule** *var. ovatum* (SM.) CL.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; MAXWELL, Gard. Bull. Sing. 33 (1980) 74; MAXWELL, Tree Fl. Malaya 4 (1989) 190; KENG, Conc. Fl. Sing. (1990) 81; — *M. laxiflorum* WALL. *ex* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 815.
- 1441 **Memecylon excelsum** BL.; MAXWELL, Gard. Bull. Sing. 33 (1980) 76; MAXWELL, Gard. Bull. Sing. 35 (1983) 196; CORNER, Ways. Trees, 3rd ed. (1988) 489; MAXWELL, Tree Fl. Malaya 4 (1989) 190; — *M. heteropleurum* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 813; — *M. maingayi* CL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 813.
- 1442 **Memecylon floridum** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 816; MAXWELL, Gard. Bull. Sing. 33 (1980) 78; MAXWELL, Tree Fl. Malaya 4 (1989) 190.
- 1443 **Memecylon fruticosum** KING; MAXWELL, Gard. Bull. Sing. 33 (1980) 79; MAXWELL, Tree Fl. Malaya 4 (1989) 187; KENG, Conc. Fl. Sing. (1990) 81; — *M. sp.* (5753); RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86; — *M. campanulatum* (non CLARKE) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; — *M. epiphyticum* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 811; — *M. tenuifolium* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 812.
- 1444 **Memecylon garcinioides** BL.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 818; MAXWELL, Gard. Bull. Sing. 33 (1980) 81; CORNER, Ways. Trees, 3rd ed. (1988) 489; MAXWELL, Tree Fl. Malaya 4 (1989) 191.
- 1445 **Memecylon globosum** BAKH. *f.*; MAXWELL, Gard. Bull. Sing. 33 (1980) 82; MAXWELL, Tree Fl. Malaya 4 (1989) 186; — *M. sp.* (6788), RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86.
- 1446 **Memecylon intermedium** BL.; MAXWELL, Gard. Bull. Sing. 33 (1980) 84; MAXWELL, Tree Fl. Malaya 4 (1989) 186.
- 1447 **Memecylon lancifolium** RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 311; MAXWELL, Gard. Bull. Sing. 33 (1980) 107; — *M. sp.* (3840); RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86.

Only known from type which is in poor condition.

- 1448 **Memecylon lilacinum** Z. & M.; MAXWELL, Gard. Bull. Sing. 33 (1980) 87; MAXWELL, Tree Fl. Malaya 4 (1989) 190; KENG, Conc. Fl. Sing. (1990) 82; — *M. myrsinoides* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88 (*var. lilacinum* (Z. & M.) KING); RIDLEY, Fl. Mal. Pen. 1 (1922) 817; CORNER, Ways. Trees, 3rd ed. (1988) 490; — *M. laevigatum* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 817.
- 1449 **Memecylon megacarpum** FURTADO; MAXWELL, Gard. Bull. Sing. 33 (1980) 91; MAXWELL, Tree Fl. Malaya 4 (1989) 193; KENG, Conc. Fl. Sing. (1990) 82.
- 1450 **Memecylon minutiflorum** MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 818; MAXWELL, Gard. Bull. Sing. 33 (1980) 93; MAXWELL, Tree Fl. Malaya 4 (1989) 193.
- 1451 **Memecylon oleifolium** BL.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 814; MAXWELL, Gard. Bull. Sing. 33 (1980) 95; MAXWELL, Tree Fl. Malaya 4 (1989) 193; KENG, Conc. Fl. Sing. (1990) 82; — *M. grande* RETZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86.
- 1452 **Memecylon oligoneurum** BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 811; MAXWELL, Gard. Bull. Sing. 33 (1980) 99.
- 1453 **Memecylon paniculatum** JACK; MAXWELL, Gard. Bull. Sing. 33 (1980) 101; MAXWELL, Tree Fl. Malaya 4 (1989) 194; KENG, Conc. Fl. Sing. (1990) 82.
- 1454 **Memecylon pauciflorum** BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 816; MAXWELL, Gard. Bull. Sing. 33 (1980) 102.
- 1455 **Memecylon pubescens** (CL.) KING; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 814; MAXWELL, Gard. Bull. Sing. 33 (1980) 104; MAXWELL, Tree Fl. Malaya 4 (1989) 195.
- 1456 **Ochthocharis borneensis** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 775; HENDERSON, Mal. Wild Fl. Dic. (1959) 144; KENG, Conc. Fl. Sing. (1990) 82.
- 1457 **Ochthocharis javanica** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 775; HENDERSON, Mal. Wild Fl. Dic. (1959) 145; KENG, Conc. Fl. Sing. (1990) 82.
- 1458 **Ochthocharis paniculata** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 774; KENG, Conc. Fl. Sing. (1990) 82.
- 1459 **Pachycentria constricta** (BL.) BL.; MAXWELL, Gard. Bull. Sing. 31 (1978) 202; KENG, Conc. Fl. Sing. (1990) 82; — *P. macrorrhiza* BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85; — *P. tuberculata* KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 805; HENDERSON, Mal. Wild Fl. Dic. (1959) 140.

- 1460 **Pachycentria maingayi** (CLARKE) MAXW.; MAXWELL, Gard. Bull. Sing. 31 (1978) 203; MAXWELL, Gard. Bull. Sing. 35 (1983) 196; KENG, Conc. Fl. Sing. (1990) 82; — *P. glauca* TRIANA; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85; — *Medinilla maingayi* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 803; HENDERSON, Mal. Wild Fl. Dic. (1959) 134.
- 1461 **Plethiandra sessiliflora** (COGN.) MERR.; RIDLEY, Fl. Mal. Pen. 1 (1922) 806; NAYAR, Reinwardtia 9 (1974) 149; KENG, Conc. Fl. Sing. (1990) 82.
- 1462 **Pogonanthera pulverulenta** (JACK) BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 805; HENDERSON, Mal. Wild Fl. Dic. (1959) 139; MAXWELL, Gard. Bull. Sing. 31 (1978) 209; KENG, Conc. Fl. Sing. (1990) 82; — *P. reflexa* (REINW. ex BL.) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85.
- 1463 **Pternandra coerulescens** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 808; CORNER, Ways. Trees 2nd ed. (1952) 452; MAXWELL, Gard. Bull. Sing. 34 (1981) 26; CORNER, Ways. Trees, 3rd ed. (1988) 491; MAXWELL, Tree Fl. Malaya 4 (1989) 196; KENG, Conc. Fl. Sing. (1990) 82; — *P. capitellata* JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85; RIDLEY, Fl. Mal. Pen. 1 (1922) 808; CORNER, Ways. Trees, 3rd ed. (1988) 491; — *P. paniculata* BENTH. ex CL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85; — *P. jackiana* (WALP.) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 808.
- 1464 **Pternandra echinata** JACK; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 809 (*incl. vars*); MAXWELL, Gard. Bull. Sing. 34 (1981) 42; CORNER, Ways. Trees, 3rd ed. (1988) 491; MAXWELL, Tree Fl. Malaya 4 (1989) 197; KENG, Conc. Fl. Sing. (1990) 82; — *Kibessia echinata* (JACK) COGN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85; — *Kibessia acuminata* DECNE.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 85.
- 1465 **Pternandra tuberculata** (KORTH.) NAYAR; MAXWELL, Gard. Bull. Sing. 34 (1981) 73; MAXWELL, Tree Fl. Malaya 4 (1989) 198; KENG, Conc. Fl. Sing. (1990) 82; — *P. paniculata* BENTH. ex RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 809.
- 1466 **Sonerila heterostemon** NAUD.; RIDLEY, Fl. Mal. Pen. 1 (1922) 787; HENDERSON, Mal. Wild Fl. Dic. (1959) 116; MAXWELL, Gard. Bull. Sing. 35 (1983) 196; KENG, Conc. Fl. Sing. (1990) 82; — *S. obliqua* (*non* KORTH.) COGN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84.
- 1467 **Sonerila moluccana** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; KENG, Conc. Fl. Sing. (1990) 82; — *S. heterophylla* HERB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 84; — *S. begoniifolia* BL. "*begoniaefolia*"; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 790; HENDERSON, Mal. Wild Fl. Dic. (1959) 123.

MELIACEAE

- 1468 **Aglaia aspera** TEJISM. & BINN.; PANNELL, Tree Fl. Malaya 4 (1989) 213; — *A. cinerea* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 404.
- 1469 **Aglaia cordata** HIERN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 409; PANNELL, Tree Fl. Malaya 4 (1989) 213; KENG, Conc. Fl. Sing. (1990) 101.

- 1470 ***Aglaia cucullata*** (ROXB.) PELLEGRIN; PANNELL, Tree Fl. Malaya 4 (1989) 214; KENG, Conc. Fl. Sing. (1990) 101; — *Amoora cucullata* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 399.
- 1471 ***Aglaia exstipulata*** (GRIFF.) THEOB.; PANNELL, Tree Fl. Malaya 4 (1989) 215; — *A. griffithii* (HIERN) KURZ; RIDLEY, Fl. Mal. Pen. 1 (1922) 409.
- 1472 ***Aglaia glabriflora*** HIERN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 404; PANNELL, Tree Fl. Malaya 4 (1989) 217; KENG, Conc. Fl. Sing. (1990) 101.
- 1473 ***Aglaia meliosmoides*** CRAIB; PANNELL, Tree Fl. Malaya 4 (1989) 219; — *Beddomea racemosa* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 414.
- 1474 ***Aglaia odoratissima*** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 404; CORNER, Ways. Trees, 3rd ed. (1988) 496; PANNELL, Tree Fl. Malaya 4 (1989) 221; KENG, Conc. Fl. Sing. (1990) 101.
- 1475 ***Aglaia oligophylla*** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 403; PANNELL, Tree Fl. Malaya 4 (1989) 222; KENG, Conc. Fl. Sing. (1990) 101.
- 1476 ***Aglaia palembanica*** MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 409; PANNELL, Tree Fl. Malaya 4 (1989) 223; KENG, Conc. Fl. Sing. (1990) 101.
- 1477 ***Aglaia ridleyi*** (KING) PANNELL; PANNELL, Tree Fl. Malaya 4 (1989) 223; — *Amoora ridleyi* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 398.
- 1478 ***Aglaia rubescens*** (HIERN) PANNELL; PANNELL, Tree Fl. Malaya 4 (1989) 223; KENG, Conc. Fl. Sing. (1990) 101; — *Amoora rubescens* HIERN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 399.
- 1479 ***Aglaia rubiginosa*** (HIERN) PANNELL; PANNELL, Tree Fl. Malaya 4 (1989) 225; KENG, Conc. Fl. Sing. (1990) 101; — *Amoora rubiginosa* HIERN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 398.
- 1480 ***Aglaia* sp. 3**, PANNELL, Tree Fl. Malaya 4 (1989) 228; — *Amoora lanceolata* HIERN; RIDLEY, Fl. Mal. Pen. 1 (1922) 399.
- 1481 ***Aglaia tenuicaulis*** HIERN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 408; PANNELL, Tree Fl. Malaya 4 (1989) 226.
- 1482 ***Aglaia trichostemon*** DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 407; PANNELL, Tree Fl. Malaya 4 (1989) 227; KENG, Conc. Fl. Sing. (1990) 101.
- 1483 ***Aphanamixis polystachya*** (WALL.) PARKER; MABBERLEY, Tree Fl. Malaya 4 (1989) 230; KENG, Conc. Fl. Sing. (1990) 101; — *Amoora aphanamixis* SCHULTES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; — *A. rohituka* (ROXB.) PIERRE; RIDLEY, Fl. Mal. Pen. 1 (1922) 401.
- 1484 ***Aphanamixis sumatrana*** (MIQ.) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 400; MABBERLEY, Tree Fl. Malaya 4 (1989) 231.

- 1485 **Chisocheton erythrocarpus** HIERN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 388; MABBERLEY, Tree Fl. Malaya 4 (1989) 235; KENG, Conc. Fl. Sing. (1990) 101.
- 1486 **Chisocheton macrophyllus** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 389; MABBERLEY, Tree Fl. Malaya 4 (1989) 235; KENG, Conc. Fl. Sing. (1990) 102.
- 1487 **Chisocheton patens** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; MABBERLEY, Tree Fl. Malaya 4 (1989) 235; KENG, Conc. Fl. Sing. (1990) 102; — *C. divergens* BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 390; — *C. glomeratus* HIERN; RIDLEY, Fl. Mal. Pen. 1 (1922) 389.
- 1488 **Chisocheton pauciflorus** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 387; MABBERLEY, Tree Fl. Malaya 4 (1989) 237; KENG, Conc. Fl. Sing. (1990) 102.
- 1489 **Chisocheton pentandrus** (BLANCO) MERR. *ssp. paucijugus* (MIQ.) MABB.; MABBERLEY, Tree Fl. Malaya 4 (1989) 238; KENG, Conc. Fl. Sing. (1990) 102; — *C. spicatus* HIERN; RIDLEY, Fl. Mal. Pen. 1 (1922) 387.
- 1490 **Dysoxylum acutangulum** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 393; MABBERLEY, Tree Fl. Malaya 4 (1989) 240; KENG, Conc. Fl. Sing. (1990) 102.
- 1491 **Dysoxylum alliaceum** (BL.) BL.; MABBERLEY, Tree Fl. Malaya 4 (1989) 240; KENG, Conc. Fl. Sing. (1990) 102; — *D. costulatum* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 394; — *D. pulchrum* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 395; — *D. thyrsoides* GRIFF.; RIDLEY, Fl. Mal. Pen. 1 (1922) 393; BURKILL, Dict. (1935) 886.
- 1492 **Dysoxylum cauliflorum** HIERN; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 396; CORNER, Ways. Trees, 3rd ed. (1988) 501; MABBERLEY, Tree Fl. Malaya 4 (1989) 242; KENG, Conc. Fl. Sing. (1990) 102.
- 1493 **Dysoxylum cyrtobotryum** MIQ.; MABBERLEY, Tree Fl. Malaya 4 (1989) 242; — *D. alternatum* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 397; — *D. venulosum* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 393; BURKILL, Dict. (1935) 886.
- 1494 **Dysoxylum densiflorum** (BL.) MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 396; MABBERLEY, Tree Fl. Malaya 4 (1989) 243.
- 1495 **Dysoxylum excelsum** BL.; MABBERLEY, Tree Fl. Malaya 4 (1989) 244; KENG, Conc. Fl. Sing. (1990) 102; — *D. macrothyrsus* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 394; — *D. turbinatum* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 394.
- 1496 **Dysoxylum flavescens** HIERN; RIDLEY, Fl. Mal. Pen. 1 (1922) 396; MABBERLEY, Tree Fl. Malaya 4 (1989) 244; KENG, Conc. Fl. Sing. (1990) 102.
- 1497 **Dysoxylum sp. 1**, MABBERLEY, Tree Fl. Malaya 4 (1989) 246.
- 1498 **Sandoricum beccarianum** BAILL.; MABBERLEY, Tree Fl. Malaya 4 (1989) 249; — *S. emarginatum* HIERN; RIDLEY, Fl. Mal. Pen. 1 (1922) 385; BURKILL, Dict. (1935) 1946.

- 1499 **Sandoricum koetjape** (BURM. f.) MERR.; CORNER, Ways. Trees, 3rd ed. (1988) 504; MABBERLEY, Tree Fl. Malaya 4 (1989) 249; KENG, Conc. Fl. Sing. (1990) 102; — *S. indicum* CAV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; RIDLEY, Fl. Mal. Pen. 1 (1922) 385; — *S. radiatum* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 59; — *S. maingayi* HIERN; RIDLEY, Fl. Mal. Pen. 1 (1922) 385; — *S. nervosum* BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 385; BURKILL, Dict. (1935) 1948.
- 1500 **Turraea breviflora** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 383; MABBERLEY, Tree Fl. Malaya 4 (1989) 252; KENG, Conc. Fl. Sing. (1990) 103.
- 1501 **Walsura chrysogyne** (MIQ.) BAKH. f.; MABBERLEY, Tree Fl. Malaya 4 (1989) 254; — *W. multijuga* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 412.
- 1502 **Xylocarpus granatum** KOEN.; MABBERLEY, Tree Fl. Malaya 4 (1989) 260; KENG, Conc. Fl. Sing. (1990) 103; — *Carapa obovata* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; WATSON, Malay. For. Rec. 6 (1927) 73; — *Carapa moluccensis* (non LAMK.) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 414; — *Carapa granatum* (KOEN.) ALSTON; BURKILL, Dict. (1935) 452; CORNER, Ways. Trees 1st ed. (1940) 458; CORNER, Ways. Trees, 3rd ed. (1988) 497.
- 1503 **Xylocarpus moluccensis** ROEM.; MABBERLEY, Tree Fl. Malaya 4 (1989) 260; KENG, Conc. Fl. Sing. (1990) 103; — *Carapa obovata* (non BL.) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 414; — *Carapa moluccensis* LAMK.; WATSON, Malay. For. Rec. 6 (1927) 70; CORNER, Ways. Trees 1st ed. (1940) 459, *p.p.*; CORNER, Ways. Trees, 3rd ed. (1988) 498, *p.p.*
- 1504 **Xylocarpus rumphii** (KOSTEL.) MABB.; MABBERLEY, Tree Fl. Malaya 4 (1989) 260; KENG, Conc. Fl. Sing. (1990) 103; — *Carapa moluccensis* LAMK. *sensu* CORNER; CORNER, Ways. Trees 1st ed. (1940) 459 *p.p.*; CORNER, Ways. Trees, 3rd ed. (1988), 498 *p.p.*

MENISPERMACEAE

- 1505 **Cocculus orbiculatus** (L.) DC.; FORMAN, Fl. Males. I 10¹ (1984) 231; KENG, Conc. Fl. Sing. (1990) 21; — *Limacia kunstleri* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 42; — *C. ovalifolius* (VAHL *ex* PERS.) DC.; RIDLEY, Fl. Mal. Pen. 1 (1922) 110; — *C. elegans* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 111; — *C. sarmentosus* (LOUR.) DIELS; HENDERSON, Mal. Wild Fl. Dic. (1959) 417.
- 1506 **Coscinium fenestratum** (GAERTN.) COLEBR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 42; FORMAN, Fl. Males. I 10¹ (1984) 215; KENG, Conc. Fl. Sing. (1990) 21; — *C. wallichianum* MIERS; RIDLEY, Fl. Mal. Pen. 1 (1922) 106; BURKILL, Dict. (1935) 669; — *C. blumeianum sensu* HOOK. f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 106, *p.p.*
- 1507 **Cyclea laxiflora** MIERS; RIDLEY, Fl. Mal. Pen. 1 (1922) 114; BURKILL, Dict. (1935) 722; HENDERSON, Mal. Wild Fl. Dic. (1959) 415; FORMAN, Fl. Males. I 10¹ (1984) 241; KENG, Conc. Fl. Sing. (1990) 21; — *C. peltata* [non (LAMK.) HOOK. f. & THOMS.] BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 43 (“*var. arnotti* MIERS”).

- 1508 **Fibraurea tinctoria** LOUR.; FORMAN, Fl. Males. I 10¹ (1984) 207; KENG, Conc. Fl. Sing. (1990) 21; — *F. chloroleuca* MIERS; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 42; RIDLEY, Fl. Mal. Pen. 1 (1922) 105; BURKILL, Dict. (1935) 1000.
- 1509 **Hypserpa nitida** MIERS; FORMAN, Fl. Males. I 10¹ (1984) 219; KENG, Conc. Fl. Sing. (1990) 21; — *H. triflora* [non (DC.) MIERS] MIERS; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 42; — *Limacia triandra* MIERS; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 84; — *H. cuspidata* (HOOK.f. & THOMS.) MIERS; RIDLEY, Fl. Mal. Pen. 1 (1922) 111; BURKILL, Dict. (1935) 1219.
- 1510 **Limacia oblonga** HOOK. f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 109; BURKILL, Dict. (1935) 1343; FORMAN, Fl. Males. I 10¹ (1984) 223; KENG, Conc. Fl. Sing. (1990) 21.
- 1511 **Limacia scandens** LOUR.; FORMAN, Fl. Males. I 10¹ (1984) 223; KENG, Conc. Fl. Sing. (1990) 21; — *L. velutina* HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 42; RIDLEY, Fl. Mal. Pen. 1 (1922) 109; HENDERSON, Mal. Wild Fl. Dic. (1959) 378.
- 1512 **Stephania capitata** (BL.) SPRENG.; RIDLEY, Fl. Mal. Pen. 1 (1922) 113; MAXWELL, Gard. Bull. Sing. 35 (1983) 197; FORMAN, Fl. Males. I 10¹ (1984) 252; KENG, Conc. Fl. Sing. (1990) 21.
- 1513 **Tinomisium petiolare** MIERS *ex* HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 42; RIDLEY, Fl. Mal. Pen. 1 (1922) 105; BURKILL, Dict. (1935) 2163; FORMAN, Fl. Males. I 10¹ (1984) 205; KENG, Conc. Fl. Sing. (1990) 21; — *T. phytocrenoides* KURZ *ex* T. & B.; BURKILL, Dict. (1935) 2136; — *T. philippinense* DIELS; BURKILL, Dict. (1935) 2163.
- 1514 **Tinospora crispa** (L.) HOOK.f. & THOMS.; RIDLEY, Fl. Mal. Pen. 1 (1922) 103; FORMAN, Fl. Males. I 10¹ (1984) 194; KENG, Conc. Fl. Sing. (1990) 21; — *T. tuberculata* (LAMK.) BEUMÉE *ex* HEYNE; BURKILL, Dict. (1935) 2164.
- 1515 **Tinospora macrocarpa** DIELS; RIDLEY, Fl. Mal. Pen. 1 (1922) 103; FORMAN, Fl. Males. I 10¹ (1984) 198.

MONIMIACEAE

- 1516 **Kibara coriacea** (BL.) TULASNE; RIDLEY, Fl. Mal. Pen. 3 (1924) 75; PHILIPSON, Fl. Males. I 10² (1986) 298; NG, Tree Fl. Malaya 4 (1989) 261; — *K. chartacea* BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 74; — *K. serrulata* PERKINS; RIDLEY, Fl. Mal. Pen. 3 (1924) 75.
- 1517 **Matthaea sancta** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130; RIDLEY, Fl. Mal. Pen. 3 (1924) 73; PHILIPSON, Fl. Males. I 10² (1986) 323; NG, Tree Fl. Malaya 4 (1989) 263; KENG, Conc. Fl. Sing. (1990) 17.

MORACEAE

- 1518 **Antiaris toxicaria** LESCH.; RIDLEY, Fl. Mal. Pen. 3 (1924) 351; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 120; CORNER, Ways. Trees, 3rd ed. (1988) 510; KENG, Conc. Fl. Sing. (1990) 68.

- 1519 **Artocarpus anisophyllus** MIQ.; CORNER, Ways. Trees 1st ed. (1940) 652; SINCLAIR, Gard. Bull. Sing. 14 (1953) 38; SINCLAIR, Gard. Bull. Sing. 15 (1956) 30; JARRETT, J. Arn. Arb. 40 (1959) 138; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 123; CORNER, Ways. Trees, 3rd ed. (1988) 515; KENG, Conc. Fl. Sing. (1990) 68; — *A. superba* BECC.; RIDLEY, Fl. Mal. Pen. 3 (1924) 356; — *A. sp.* “large tree with pinnate leaves”; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 148.
- 1520 **Artocarpus dadah** MIQ.; CORNER, Ways. Trees 1st ed. (1940) 653; JARRETT, J. Arn. Arb. 41 (1960) 91; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 124; CORNER, Ways. Trees, 3rd ed. (1988) 516; KENG, Conc. Fl. Sing. (1990) 69; — *A. lakoocha* (non ROXB.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 355.
- 1521 **Artocarpus elasticus** REINW. *ex* BL.; BURKILL, Dict. (1935) 251; CORNER, Ways. Trees 1st ed. (1940) 653; JARRETT, J. Arn. Arb. 40 (1959) 346; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 124; CORNER, Ways. Trees, 3rd ed. (1988) 516; KENG, Conc. Fl. Sing. (1990) 69; — *A. kunstleri* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 353.
- 1522 **Artocarpus fulvicortex** JARRETT, J. Arn. Arb. 41 (1960) 116; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 126; CORNER, Ways. Trees, 3rd ed. (1988) 517; — *A. sp.*; CORNER, Ways. Trees 1st ed. (1940) 658.
- 1523 **Artocarpus gomezianus** WALL. *ex* TREC.; JARRETT, J. Arn. Arb. 41 (1960) 88; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 126; CORNER, Ways. Trees, 3rd ed. (1988) 517; KENG, Conc. Fl. Sing. (1990) 69.
- 1524 **Artocarpus hispidus** JARRETT, J. Arn. Arb. 40 (1959) 149; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 126.
- 1525 **Artocarpus kemando** MIQ.; BURKILL, Dict. (1935) 256; CORNER, Ways. Trees 1st ed. (1940) 656; JARRETT, J. Arn. Arb. 40 (1959) 352; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 129; CORNER, Ways. Trees, 3rd ed. (1988) 519.
- 1526 **Artocarpus lanceifolius** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 354; CORNER, Ways. Trees 1st ed. (1940) 656; JARRETT, J. Arn. Arb. 40 (1959) 140; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 129; CORNER, Ways. Trees, 3rd ed. (1988) 519; KENG, Conc. Fl. Sing. (1990) 69.
- 1527 **Artocarpus lowii** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 353; BURKILL, Dict. (1935) 257; CORNER, Ways. Trees 1st ed. (1940) 656; JARRETT, J. Arn. Arb. 40 (1959) 339; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 131; CORNER, Ways. Trees, 3rd ed. (1988) 519; KENG, Conc. Fl. Sing. (1990) 69.
- 1528 **Artocarpus maingayi** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 354; CORNER, Ways. Trees 1st ed. (1940) 657; JARRETT, J. Arn. Arb. 40 (1959) 357; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 131; CORNER, Ways. Trees, 3rd ed. (1988) 520; KENG, Conc. Fl. Sing. (1990) 69.

- 1529 **Artocarpus nitidus** Tréc. *ssp. griffithii* (KING) JARRETT, J. Arn. Arb. 41 (1960) 128; — *A. gomezianus auct. non* Tréc.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 355.
- 1530 **Artocarpus rigidus** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 352; CORNER, Ways. Trees 1st ed. (1940) 657; JARRETT, J. Arn. Arb. 40 (1959) 150; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 131; CORNER, Ways. Trees, 3rd ed. (1988) 521; KENG, Conc. Fl. Sing. (1990) 69.
- 1531 **Artocarpus scortechinii** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 355; CORNER, Ways. Trees 1st ed. (1940) 657; JARRETT, J. Arn. Arb. 40 (1959) 344; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 134; CORNER, Ways. Trees, 3rd ed. (1988) 521; KENG, Conc. Fl. Sing. (1990) 69.
- 1532 **Ficus albipila** (MIQ.) KING; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 139; KENG, Conc. Fl. Sing. (1990) 69.
- 1533 **Ficus annulata** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; RIDLEY, Fl. Mal. Pen. 3 (1924) 333; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 140; CORNER, Ways. Trees, 3rd ed. (1988) 538; KENG, Conc. Fl. Sing. (1990) 69.
- 1534 **Ficus apiocarpa** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 146; RIDLEY, Fl. Mal. Pen. 3 (1924) 338; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 140; KENG, Conc. Fl. Sing. (1990) 69.
- 1535 **Ficus aurantiacea** GRIFF.; RIDLEY, Fl. Mal. Pen. 3 (1924) 338; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 140; KENG, Conc. Fl. Sing. (1990) 69; — *F. callicarpa* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 146; RIDLEY, Fl. Mal. Pen. 3 (1924) 338.
- 1536 **Ficus aurata** MIQ.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 140; CORNER, Ways. Trees, 3rd ed. (1988) 546; KENG, Conc. Fl. Sing. (1990) 70; — *F. chrysocarpa* REINW. *ex* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 348.
- A 1537 **Ficus benjamina** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; RIDLEY, Fl. Mal. Pen. 3 (1924) 336; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 141; CORNER, Ways. Trees, 3rd ed. (1988) 539; KENG, Conc. Fl. Sing. (1990) 70.
- 1538a **Ficus binnendykii** MIQ. *var. binnendykii*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; RIDLEY, Fl. Mal. Pen. 3 (1924) 336; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 141; KENG, Conc. Fl. Sing. (1990) 70.
- 1538b **Ficus binnendykii** *var. coriacea* CORNER; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 141.
- 1539 **Ficus botryocarpa** MIQ.; KENG, Conc. Fl. Sing. (1990) 70; — *F. miquelii* HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 3 (1924) 341; CORNER, Ways. Trees 1st ed. (1940) 685; — *F. schwarzii* KOORD.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 155; CORNER, Ways. Trees, 3rd ed. (1988) 552.
- 1540 **Ficus bracteata** WALL. *ex* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; RIDLEY, Fl. Mal. Pen. 3 (1924) 331; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 142; KENG, Conc. Fl. Sing. (1990) 70.

- 1541 **Ficus caulocarpa** MIQ.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 142; CORNER, Ways. Trees, 3rd ed. (1988) 539; KENG, Conc. Fl. Sing. (1990) 70.
- 1542 **Ficus chartacea** WALL. *ex* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 350; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 142; CORNER, Ways. Trees, 3rd ed. (1988) 547; KENG, Conc. Fl. Sing. (1990) 70.
- 1543 **Ficus consociata** BL. *var. murtoni* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 144; KENG, Conc. Fl. Sing. (1990) 70; — *F. consociata*; RIDLEY, Fl. Mal. Pen. 3 (1924) 331; CORNER, Ways. Trees, 3rd ed. (1988) 540.
- 1544 **Ficus crassiramea** MIQ.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 144; CORNER, Ways. Trees, 3rd ed. (1988) 540; KENG, Conc. Fl. Sing. (1990) 70; — *F. procera* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; RIDLEY, Fl. Mal. Pen. 3 (1924) 332; CORNER, Ways. Trees 1st ed. (1940) 678.
- 1545 **Ficus delosyce** CORNER; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 144.
- 1546 **Ficus deltoidea** JACK; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 145; CORNER, Ways. Trees, 3rd ed. (1988) 554; KENG, Conc. Fl. Sing. (1990) 70; — *F. diversifolia* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 146; RIDLEY, Fl. Mal. Pen. 3 (1924) 346; CORNER, Ways. Trees 1st ed. (1940) 687.
- 1547 **Ficus dubia** WALL. *ex* KING; RIDLEY, Fl. Mal. Pen. 3 (1924) 333; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 146; CORNER, Ways. Trees, 3rd ed. (1988) 541; KENG, Conc. Fl. Sing. (1990) 70.
- 1548 **Ficus excavata** KING; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 146; KENG, Conc. Fl. Sing. (1990) 70.
- 1549 **Ficus fistulosa** REINW. *ex* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 146; RIDLEY, Fl. Mal. Pen. 3 (1924) 343; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 146; CORNER, Ways. Trees, 3rd ed. (1988) 550; KENG, Conc. Fl. Sing. (1990) 70.
- 1550 **Ficus glandulifera** (WALL. *ex* MIQ.) KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 146; RIDLEY, Fl. Mal. Pen. 3 (1924) 347; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 147; CORNER, Ways. Trees, 3rd ed. (1988) 547; KENG, Conc. Fl. Sing. (1990) 70.
- 1551 **Ficus globosa** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; RIDLEY, Fl. Mal. Pen. 3 (1924) 333; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 147; KENG, Conc. Fl. Sing. (1990) 70.
- 1552 **Ficus grossularioides** BURM. *f.*; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 148; CORNER, Ways. Trees, 3rd ed. (1988) 547; KENG, Conc. Fl. Sing. (1990) 71; — *F. alba* REINW. *ex* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 147; RIDLEY, Fl. Mal. Pen. 3 (1924) 347; CORNER, Ways. Trees 1st ed. (1940) 681.
- 1553 **Ficus heteropleura** BL.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 148; KENG, Conc. Fl. Sing. (1990) 71; — *F. urophylla* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 144; RIDLEY, Fl. Mal. Pen. 3 (1924) 330.

- 1554 **Ficus kerkhovenii** VAL.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 149; CORNER, Ways. Trees, 3rd ed. (1988) 541; KENG, Conc. Fl. Sing. (1990) 71.
- 1555 **Ficus laevis** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 146; RIDLEY, Fl. Mal. Pen. 3 (1924) 344; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 149; KENG, Conc. Fl. Sing. (1990) 71.
- 1556 **Ficus lamponga** MIQ.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 150; KENG, Conc. Fl. Sing. (1990) 71; — *F. lepidosa* WALL. ex KURZ; RIDLEY, Fl. Mal. Pen. 3 (1924) 350.
- 1557 **Ficus microcarpa** L. f.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 151; CORNER, Ways. Trees, 3rd ed. (1988) 542; KENG, Conc. Fl. Sing. (1990) 71; — *F. retusa auct. non* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145 (var. *nitida*); RIDLEY, Fl. Mal. Pen. 3 (1924) 335; CORNER, Ways. Trees 1st ed. (1940) 679.
- 1558 **Ficus microsyce** RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 335; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 151; KENG, Conc. Fl. Sing. (1990) 70.
- 1559 **Ficus obscura** BL. var. **borneensis** (MIQ.) CORNER; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 152; KENG, Conc. Fl. Sing. (1990) 71; — *F. pisifera* WALL. ex MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 144; RIDLEY, Fl. Mal. Pen. 3 (1924) 329; — *F. obscura*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 146; RIDLEY, Fl. Mal. Pen. 3 (1924) 339.
- 1560 **Ficus pellucido-punctata** GRIFF.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 153; KENG, Conc. Fl. Sing. (1990) 71; — *F. indica* L. var. *gelderi* (MIQ.) KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; RIDLEY, Fl. Mal. Pen. 3 (1924) 334.
- 1561 **Ficus pisocarpa** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900); RIDLEY, Fl. Mal. Pen. 3 (1924) 336; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 153; KENG, Conc. Fl. Sing. (1990) 71; — *F. microstoma* WALL. ex KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; RIDLEY, Fl. Mal. Pen. 3 (1924) 334.
- A 1562 **Ficus pumila** L.; KENG, Conc. Fl. Sing. (1990) 71.
- 1563 **Ficus recurva** BL. var. **ribesoides** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 146; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 154; — *F. recurva*; RIDLEY, Fl. Mal. Pen. 3 (1924) 345; KENG, Conc. Fl. Sing. (1990) 71.
- A 1564 **Ficus religiosa** L.; RIDLEY, Fl. Mal. Pen. 3 (1924) 337; CORNER, Ways. Trees, 3rd ed. (1988) 548; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 71.
- 1565 **Ficus retusa** L.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 154; KENG, Conc. Fl. Sing. (1990) 71; — *F. truncata* MIQ.; RIDLEY, Fl. Mal. Pen. 3 (1924) 335.
- 1566 **Ficus ruginervia** L.; KENG, Conc. Fl. Sing. (1990) 71.
- 1567 **Ficus sagittata** VAHL; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 155; KENG, Conc. Fl. Sing. (1990) 72; — *F. ramentacea* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 146; RIDLEY, Fl. Mal. Pen. 3 (1924) 345.

- 1568 **Ficus scortechinii** KING; RIDLEY, Fl. Mal. Pen. 3 (1924) 343; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 156; KENG, Conc. Fl. Sing. (1990) 72; — *F. fasciculata* Hook. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 343.
- 1569 **Ficus sinuata** THUNB.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 156; CORNER, Ways. Trees, 3rd ed. (1988) 554; KENG, Conc. Fl. Sing. (1990) 72; — *F. rostrata* LAMK.; RIDLEY, Fl. Mal. Pen. 3 (1924) 340.
- 1570a **Ficus subgelderi** CORNER var. **subgelderi**; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 157; KENG, Conc. Fl. Sing. (1990) 72.
- 1570b **Ficus subgelderi** var. **rigida** CORNER; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 157; KENG, Conc. Fl. Sing. (1990) 72; — *F. rigida* MIQ.; RIDLEY, Fl. Mal. Pen. 3 (1924) 332.
- 1571 **Ficus sundaica** BL.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 158; CORNER, Ways. Trees, 3rd ed. (1988) 543; KENG, Conc. Fl. Sing. (1990) 72; — *F. indica* (non L.) KING; RIDLEY, Fl. Mal. Pen. 3 (1924) 334 (excl. var. *gelderi*); CORNER, Ways. Trees 1st ed. (1940) 678.
- 1572 **Ficus superba** MIQ.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 159; CORNER, Ways. Trees, 3rd ed. (1988) 544; KENG, Conc. Fl. Sing. (1990) 72.
- 1573 **Ficus variegata** BL.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 160; CORNER, Ways. Trees, 3rd ed. (1988) 553; KENG, Conc. Fl. Sing. (1990) 72; — *F. polysyce* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 342.
- 1574 **Ficus vasculosa** WALL. ex MIQ.; RIDLEY, Fl. Mal. Pen. 3 (1924) 337; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 160; CORNER, Ways. Trees, 3rd ed. (1988) 549; KENG, Conc. Fl. Sing. (1990) 72.
- 1575 **Ficus villosa** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 146; RIDLEY, Fl. Mal. Pen. 3 (1924) 345; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 161; KENG, Conc. Fl. Sing. (1990) 72.
- 1576 **Ficus virens** AIT. var. **glabella** (BL.) CORNER; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 161; CORNER, Ways. Trees, 3rd ed. (1988) 544; KENG, Conc. Fl. Sing. (1990) 72; — *F. glabella* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; RIDLEY, Fl. Mal. Pen. 3 (1924) 336; EHC1 677.
- 1577 **Ficus xylophylla** WALL. ex MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 145; RIDLEY, Fl. Mal. Pen. 3 (1924) 332; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 162; CORNER, Ways. Trees, 3rd ed. (1988) 545; KENG, Conc. Fl. Sing. (1990) 72.
- 1578 **Parartocarpus bracteatus** (KING) BECC.; JARRETT, J. Arn. Arb. 41 (1960) 324; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 164; KENG, Conc. Fl. Sing. (1990) 72; — *Artocarpus bracteatus* KING; RIDLEY, Fl. Mal. Pen. 3 (1924) 352.
- 1579 **Parartocarpus venenosus** (ZOLL. & MOR.) BECC. ssp. **forbesii** (KING) JARRETT, J. Arn. Arb. 41 (1960) 137; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 165; KENG, Conc. Fl. Sing. (1990) 72; — *Artocarpus forbesii* KING; RIDLEY, Fl. Mal. Pen. 3 (1924) 352.

- 1580 ***Streblus elongatus*** (MIQ.) CORNER, Gard. Bull. Sing. 19 (1962) 227; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 168; CORNER, Ways. Trees, 3rd ed. (1988) 556; KENG, Conc. Fl. Sing. (1990) 72; — *Sloetia sideroxylon* T. & B. ex KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; RIDLEY, Fl. Mal. Pen. 3 (1924) 324; — *Sloetia elongata* (MIQ.) KOORD.; CORNER, Ways. Trees 1st ed. (1940) 690.

MYRICACEAE

- 1581 ***Myrica esculenta*** BUCH.-HAM.; BACKER, Fl. Males. I 4³ (1951) 278; WHITMORE, Tree Fl. Malaya 2 (1973) 295; CORNER, Ways. Trees, 3rd ed. (1988) 559; KENG, Conc. Fl. Sing. (1990) 65; — *M. nagi* (non THUNB.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 149; — *M. farquhariana* WALL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 370; BURKILL, Dict. (1935) 1521; CORNER, Ways. Trees 1st ed. (1940) 471.

MYRISTICACEAE

- 1582 ***Endocomia canarioides*** (KING) DE WILDE, Blumea 30 (1984) 190; — *Embelia ridleyi* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 234; KENG, Conc. Fl. Sing. (1990) 139; — *Horsfieldia canarioides* (KING) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 55; — *Horsfieldia racemosa* (KING) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 60; — *Horsfieldia macrocoma* (MIQ.) WARB. var. *canarioides* (KING) SINCLAIR; SINCLAIR, Gard. Bull. Sing. 16 (1958) 389; WHITMORE, Tree Fl. Malaya 1 (1972) 327; KENG, Conc. Fl. Sing. (1990) 16.
- 1583 ***Gymnacranthera bancana*** (MIQ.) SINCLAIR; SINCLAIR, Gard. Bull. Sing. 16 (1958) 436; WHITMORE, Tree Fl. Malaya 1 (1972) 319; SCHOUTEN, Blumea 31 (1986) 463; KENG, Conc. Fl. Sing. (1990) 15; — *G. murtonii* HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 61; — *Myristica ferruginea* WALL. ex KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129.
- 1584a ***Gymnacranthera farquhariana*** (HOOK. f. & THOMS.) WARB. var. *farquhariana*; SCHOUTEN, Blumea 31 (1986) 477; — *Myristica farquhariana* WALL. ex HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129; — *G. farquhariana* var. *griffithii* (HOOK. f.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 62; — *G. farquhariana* var. *major* (KING); RIDLEY, Fl. Mal. Pen. 3 (1924) 62; — *G. eugeniifolia* (A. DC.) SINCLAIR var. *griffithii* (HOOK. f.) SINCLAIR; SINCLAIR, Gard. Bull. Sing. 16 (1958) 447; WHITMORE, Tree Fl. Malaya 1 (1972) 320.
- 1584b ***Gymnacranthera farquhariana*** var. *eugeniifolia* (A. DC.) SCHOUTEN; SCHOUTEN, Blumea 31 (1986) 480; KENG, Conc. Fl. Sing. (1990) 15; — *Myristica farquhariana* auct. non HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129; — *G. farquhariana* auct. non (HOOK. f. & THOMS.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 62; — *G. eugeniifolia* (A. DC.) SINCLAIR var. *eugeniifolia*; SINCLAIR, Gard. Bull. Sing. 16 (1958) 444; WHITMORE, Tree Fl. Malaya 1 (1972) 320.
- 1584c ***Gymnacranthera farquhariana*** var. *zippeliana* (MIQ.) SCHOUTEN; SCHOUTEN, Blumea 31 (1986) 482; KENG, Conc. Fl. Sing. (1990) 15.

- 1585 **Gymnacranthera forbesii** (KING) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 61; SINCLAIR, Gard. Bull. Sing. 16 (1958) 441; WHITMORE, Tree Fl. Malaya 1 (1972) 320; SCHOUTEN, Blumea 31 (1986) 472; KENG, Conc. Fl. Sing. (1990) 15; — *Myristica forbesii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129.
- 1586 **Horsfieldia crassifolia** (HOOK. f. & THOMS.) WARB. RIDLEY, Fl. Mal. Pen. 3 (1924) 59; SINCLAIR, Gard. Bull. Sing. 16 (1958) 386; WHITMORE, Tree Fl. Malaya 1 (1972) 324; DE WILDE, Gard. Bull. Sing. 38 (1985) 219; KENG, Conc. Fl. Sing. (1990) 15; — *Myristica crassifolia* HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129.
- 1587 **Horsfieldia grandis** (HOOK. f.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 56; SINCLAIR, Gard. Bull. Sing. 16 (1958) 400; WHITMORE, Tree Fl. Malaya 1 (1972) 323; DE WILDE, Gard. Bull. Sing. 38 (1985) 203.
- 1588 **Horsfieldia irya** (GAERTN.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 58; CORNER, Ways. Trees 1st ed. (1940) 476; SINCLAIR, Gard. Bull. Sing. 16 (1958) 382; WHITMORE, Tree Fl. Malaya 1 (1972) 326; DE WILDE, Gard. Bull. Sing. 37 (1985) 55; CORNER, Ways. Trees, 3rd ed. (1988) 564; KENG, Conc. Fl. Sing. (1990) 15; — *Myristica irya* GAERTN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129.
- A 1589 **Horsfieldia parviflora** (ROXB.) SINCLAIR; DE WILDE, Gard. Bull. Sing. 38 (1985) 69; — *Myristica bivalvis* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129; — *H. bivalvis* (HOOK. f.) MERR.; SINCLAIR, Gard. Bull. Sing. 16 (1958) 379; — *H. globularia* (BL.) Warb.; RIDLEY, Fl. Mal. Pen. 3 (1924) 54.

Introduced species established in the Botanic Gardens' Jungle.

- 1590a **Horsfieldia polyspherula** (HOOK. f. emend. KING) J. SINCLAIR var. **polyspherula**; DE WILDE, Gard. Bull. Sing. 39 (1986) 19; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica polyspherula* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129; — *H. polyspherula*; SINCLAIR, Gard. Bull. Sing. 16 (1958) 422, WHITMORE, Tree Fl. Malaya 1 (1972) 325; — *H. lemmaniana auct. non* (A. DC.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 59.
- 1590b **Horsfieldia polyspherula** (HOOK. f. emend. KING) J. SINCLAIR var. **sumatrana** (MIQ.) DE WILDE; DE WILDE, Gard. Bull. Sing. 39 (1986) 20; KENG, Conc. Fl. Sing. (1990) 16; — *H. subglobosa auct. non* (MIQ.) WARB. RIDLEY, Fl. Mal. Pen. 3 (1924) 60; — *H. subglobosa* var. *subglobosa auct.*; SINCLAIR, Gard. Bull. Sing. 16 (1958) 425; — *H. brachiata* (KING) MIQ. var. *sumatrana* (MIQ.) SINCLAIR ex WHITMORE nom. inval.; WHITMORE, Tree Fl. Malaya 1 (1972) 325; — *Myristica majuscula* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129; — *H. majuscula* (KING) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 57.
- 1591 **Horsfieldia punctatifolia** J. SINCLAIR, Gard. Bull. Sing. 16 (1958) 413; WHITMORE, Tree Fl. Malaya 1 (1972) 327; DE WILDE, Gard. Bull. Sing. 39 (1986) 54.
- 1592 **Horsfieldia sparsa** DE WILDE Gard. Bull. Sing. 38 (1985) 194; — *H. sucosa auct. non* (KING) WARB.; SINCLAIR, Gard. Bull. Sing. 16 (1958) 416.

- 1593 **Horsfieldia sucosa** (KING) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 58; SINCLAIR, Gard. Bull. Sing. 16 (1958) 416; WHITMORE, Tree Fl. Malaya 1 (1972) 328; DE WILDE, Gard. Bull. Sing. 38 (1985) 188; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica sucosa* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129; — *H. amygdalina* (WALL.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 57; — *H. bracteosa* HENDERSON; SINCLAIR, Gard. Bull. Sing. 16 (1958) 419, WHITMORE, Tree Fl. Malaya 1 (1972) 326.
- 1594 **Horsfieldia superba** (HOOK.f. & THOMS.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 55; CORNER, Ways. Trees 1st ed. (1940) 476, EJHC2 476; SINCLAIR, Gard. Bull. Sing. 16 (1958) 393; WHITMORE, Tree Fl. Malaya 1 (1972) 328; DE WILDE, Gard. Bull. Sing. 38 (1985) 200; CORNER, Ways. Trees, 3rd ed. (1988) 564; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica superba* HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129.
- 1595 **Horsfieldia tomentosa** WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 56; SINCLAIR, Gard. Bull. Sing. 16 (1958) 403; WHITMORE, Tree Fl. Malaya 1 (1972) 324; DE WILDE, Gard. Bull. Sing. 38 (1985) 210; KENG, Conc. Fl. Sing. (1990) 16.
- 1596 **Horsfieldia wallichii** (HOOK.f. & THOMS.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 57; SINCLAIR, Gard. Bull. Sing. 16 (1958) 405; WHITMORE, Tree Fl. Malaya 1 (1972) 330; DE WILDE, Gard. Bull. Sing. 38 (1985) 204; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica wallichii* HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129.
- 1597 **Knema communis** SINCLAIR, Gard. Bull. Sing. 16 (1958) 297; WHITMORE, Tree Fl. Malaya 1 (1972) 334; DE WILDE, Gard. Bull. Sing. 38 (1985) 461.
- 1598 **Knema conferta** (KING) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 70, SINCLAIR, Gard. Bull. Sing. 16 (1958) 286; WHITMORE, Tree Fl. Malaya 1 (1972) 335; DE WILDE, Blumea 25 (1979) 472; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica conferta* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130.
- 1599 **Knema curtisii** (KING) WARB. var. **paludosa** J. SINCLAIR; DE WILDE, Blumea 25 (1979) 420; — *Knema curtisii* (KING) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 69, SINCLAIR, Gard. Bull. Sing. 16 (1958) 281; WHITMORE, Tree Fl. Malaya 1 (1972) 334; KENG, Conc. Fl. Sing. (1990) 16.
- 1600 **Knema furfuracea** (HOOK.f. & THOMS.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 70, CORNER, Ways. Trees 1st ed. (1940) 476; SINCLAIR, Gard. Bull. Sing. 16 (1958) 275; WHITMORE, Tree Fl. Malaya 1 (1972) 335; DE WILDE, Blumea 25 (1979) 387; CORNER, Ways. Trees, 3rd ed. (1988) 564; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica longifolia* (non BL.) HOOK.f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130.
- 1601 **Knema glaucescens** JACK; SINCLAIR, Gard. Bull. Sing. 16 (1958) 302 p.p.; DE WILDE, Blumea 25 (1979) 411; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica glauca* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) — *Myristica wrayi* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129; — *K. wrayi* (KING) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 70; — *K. cinerea* (POIR.) WARB. var. *sumatrana* (MIQ.) J. SINCLAIR; WHITMORE, Tree Fl. Malaya 1 (1972) 334

- 1602 ***Knema globularia*** (LAMK.) WARB.; SINCLAIR, Gard. Bull. Sing. 16 (1958) 325; WHITMORE, Tree Fl. Malaya 1 (1972) 336; DE WILDE, Blumea 25 (1979) 411; CORNER, Ways. Trees, 3rd ed. (1988) 564; KENG, Conc. Fl. Sing. (1990) 16; — *K. missionis* WALL. ex KING; RIDLEY, Fl. Mal. Pen. 3 (1924) 71, CORNER, Ways. Trees 1st ed. (1940) 477.
- 1603 ***Knema hookeriana*** (WALL. ex HOOK. f. & THOMS.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 67, CORNER, Ways. Trees 1st ed. (1940) 476; SINCLAIR, Gard. Bull. Sing. 16 (1958) 272; WHITMORE, Tree Fl. Malaya 1 (1972) 336; DE WILDE, Blumea 25 (1979) 387; CORNER, Ways. Trees, 3rd ed. (1988) 565; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica hookeriana* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130.
- 1604 ***Knema intermedia*** (BL.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 68, CORNER, Ways. Trees 1st ed. (1940) 477; SINCLAIR, Gard. Bull. Sing. 16 (1958) 315; WHITMORE, Tree Fl. Malaya 1 (1972) 334; DE WILDE, Blumea 25 (1979) 427; CORNER, Ways. Trees, 3rd ed. (1988) 565; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica intermedia* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130.
- 1605 ***Knema latericia*** ELM. ssp. ***ridleyi*** (GANDOGGER) DE WILDE; DE WILDE, Blumea 25 (1979) 396; — *Knema latericia* ELM.; SINCLAIR, Gard. Bull. Sing. 16 (1958) 278; KENG, Conc. Fl. Sing. (1990) 16.
- 1606 ***Knema laurina*** (BL.) WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 72, SINCLAIR, Gard. Bull. Sing. 16 (1958) 379; WHITMORE, Tree Fl. Malaya 1 (1972) 338; DE WILDE, Blumea 25 (1979) 379; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica laurina* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129; — *Myristica cantleyi* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 130; — *K. cantleyi* (HOOK. f.) WARB. p.p.; RIDLEY, Fl. Mal. Pen. 3 (1924) 68.
- 1607 ***Knema malayana*** WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 69, SINCLAIR, Gard. Bull. Sing. 16 (1958) 293; WHITMORE, Tree Fl. Malaya 1 (1972) 338; DE WILDE, Blumea 25 (1979) 456; KENG, Conc. Fl. Sing. (1990) 16; — *Myristica glaucescens* HOOK. f. & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129.
- 1608 ***Knema rubens*** (SINCLAIR) DE WILDE; DE WILDE, Blumea 25 (1979) 379; — *K. glaucescens* JACK var. *glaucescens forma rubens* J. SINCLAIR; Gard. Bull. Sing. 16 (1958) 307; — *K. glaucescens* JACK var. *rubens* (J. SINCLAIR) J. SINCLAIR; WHITMORE, Tree Fl. Malaya 1 (1972) 334.
- 1609 ***Myristica cinnamomea*** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 128; RIDLEY, Fl. Mal. Pen. 3 (1924) 63; CORNER, Ways. Trees 1st ed. (1940) 477; CORNER, Ways. Trees, 2nd ed. (1952) 477; SINCLAIR, Gard. Bull. Sing. 16 (1958) 358; SINCLAIR, Gard. Bull. Sing. 23 (1968) 210; WHITMORE, Tree Fl. Malaya 1 (1972) 342; CORNER, Ways. Trees, 3rd ed. (1988) 565; KENG, Conc. Fl. Sing. (1990) 16.
- 1610 ***Myristica crassa*** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 128; RIDLEY, Fl. Mal. Pen. 3 (1924) 66; SINCLAIR, Gard. Bull. Sing. 16 (1958) 366; SINCLAIR, Gard. Bull. Sing. 23 (1968) 435; WHITMORE, Tree Fl. Malaya 1 (1972) 341; KENG, Conc. Fl. Sing. (1990) 16.

- 1611 *Myristica elliptica* WALL. *ex* HOOK. *f.* & THOMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 128; RIDLEY, Fl. Mal. Pen. 3 (1924) 65; CORNER, Ways. Trees 1st ed. (1940) 477; SINCLAIR, Gard. Bull. Sing. 16 (1958) 353; SINCLAIR, Gard. Bull. Sing. 23 (1968) 188; WHITMORE, Tree Fl. Malaya 1 (1972) 342; CORNER, Ways. Trees, 3rd ed. (1988) 565; KENG, Conc. Fl. Sing. (1990) 16.
- 1612 *Myristica iners* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 129; RIDLEY, Fl. Mal. Pen. 3 (1924) 64; SINCLAIR, Gard. Bull. Sing. 16 (1958) 363; SINCLAIR, Gard. Bull. Sing. 23 (1968) 177; WHITMORE, Tree Fl. Malaya 1 (1972) 343.
- 1613 *Myristica lowiana* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 128; RIDLEY, Fl. Mal. Pen. 3 (1924) 66; SINCLAIR, Gard. Bull. Sing. 16 (1958) 345; SINCLAIR, Gard. Bull. Sing. 23 (1968) 164; WHITMORE, Tree Fl. Malaya 1 (1972) 344.
- 1614 *Myristica maingayi* HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 3 (1924) 64; SINCLAIR, Gard. Bull. Sing. 16 (1958) 348; SINCLAIR, Gard. Bull. Sing. 23 (1968) 166; WHITMORE, Tree Fl. Malaya 1 (1972) 344; CORNER, Ways. Trees, 3rd ed. (1988) 566; KENG, Conc. Fl. Sing. (1990) 16.
- 1615 *Myristica maxima* WARB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 63; SINCLAIR, Gard. Bull. Sing. 16 (1958) 339; SINCLAIR, Gard. Bull. Sing. 23 (1968) 131; WHITMORE, Tree Fl. Malaya 1 (1972) 345; KENG, Conc. Fl. Sing. (1990) 16; — *M. bracteata* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 128.

MYRSINACEAE

- 1616 *Aegiceras corniculatum* (L.) BLANCO; CORNER, Ways. Trees 1st ed. (1940) 479; HENDERSON, Mal. Wild Fl. Dic. (1959) 273; CORNER, Ways. Trees, 3rd ed. (1988) 567; STONE, Tree Fl. Malaya 4 (1989) 26; KENG, Conc. Fl. Sing. (1990) 138; — *A. majus* GAERTN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 105; RIDLEY, Fl. Mal. Pen. 2 (1923) 238; WATSON, Malay. For. Rec. 6 (1928) 87.
- 1617 *Ardisia colorata* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 104; RIDLEY, Fl. Mal. Pen. 2 (1923) 246; CORNER, Ways. Trees, 3rd ed. (1988) 568; STONE, Tree Fl. Malaya 4 (1989) 276; KENG, Conc. Fl. Sing. (1990) 138.
- 1618 *Ardisia crassa* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 104; RIDLEY, Fl. Mal. Pen. 2 (1923) 249; STONE, Tree Fl. Malaya 4 (1989) 274; KENG, Conc. Fl. Sing. (1990) 138.
- 1619 *Ardisia crenata* SIMS; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 105; RIDLEY, Fl. Mal. Pen. 2 (1923) 253; STONE, Tree Fl. Malaya 4 (1989) 270; KENG, Conc. Fl. Sing. (1990) 138.
- 1620 *Ardisia elliptica* THUNB.; HENDERSON, Mal. Wild Fl. Dic. (1959) 271; CORNER, Ways. Trees, 3rd ed. (1988) 568; STONE, Tree Fl. Malaya 4 (1989) 275; KENG, Conc. Fl. Sing. (1990) 138; — *A. littoralis* ANDR.; RIDLEY, Fl. Mal. Pen. 2 (1923) 241.
- 1621 *Ardisia lanceolata* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 104; RIDLEY, Fl. Mal. Pen. 2 (1923) 249; CORNER, Ways. Trees, 3rd ed. (1988) 568; STONE, Tree Fl. Malaya 4 (1989) 276; KENG, Conc. Fl. Sing. (1990) 138.

- 1622 *Ardisia miqueliana* SCHEFF.; STONE, Tree Fl. Malaya 4 (1989) 273.
- 1623 *Ardisia ridleyi* KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 253; STONE, Tree Fl. Malaya 4 (1989) 271; KENG, Conc. Fl. Sing. (1990) 138.
- 1624 *Ardisia sessilis* SCHEFF.; STONE, Tree Fl. Malaya 4 (1989) 273.
- 1625 *Ardisia singaporensis* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 251; STONE, Tree Fl. Malaya 4 (1989) 270; KENG, Conc. Fl. Sing. (1990) 138; — *A. sp. near villosa*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 105.
- 1626 *Ardisia teysmanniana* SCHEFF.; RIDLEY, Fl. Mal. Pen. 2 (1923) 240; STONE, Tree Fl. Malaya 4 (1989) 272; KENG, Conc. Fl. Sing. (1990) 138; — *Pimelandra wallichii* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 105.
- 1627 *Ardisia tuberculata* WALL. ex A. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 104; RIDLEY, Fl. Mal. Pen. 2 (1923) 245; STONE, Tree Fl. Malaya 4 (1989) 273; KENG, Conc. Fl. Sing. (1990) 138.
- 1628 *Ardisia villosa* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 105; RIDLEY, Fl. Mal. Pen. 2 (1923) 251; HENDERSON, Mal. Wild Fl. Dic. (1959) 272; SINCLAIR, 15 (1956) 29; STONE, Tree Fl. Malaya 4 (1989) 271; KENG, Conc. Fl. Sing. (1990) 138.
- 1629 *Embelia amentacea* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 104; RIDLEY, Fl. Mal. Pen. 2 (1923) 234; STONE, Tree Fl. Malaya 4 (1989) 278; KENG, Conc. Fl. Sing. (1990) 138.
- 1630 *Embelia canescens* JACK; RIDLEY, Fl. Mal. Pen. 2 (1923) 232; STONE, Tree Fl. Malaya 4 (1989) 279; KENG, Conc. Fl. Sing. (1990) 139.
- 1631 *Embelia coriacea* WALL. ex A. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 104; RIDLEY, Fl. Mal. Pen. 2 (1923) 233; STONE, Tree Fl. Malaya 4 (1989) 279; KENG, Conc. Fl. Sing. (1990) 139.
- 1632 *Embelia dasythyrsa* MIQ.; RIDLEY, Fl. Mal. Pen. 2 (1923) 232; STONE, Tree Fl. Malaya 4 (1989) 279.
- 1633 *Embelia lampani* SCHEFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 104; RIDLEY, Fl. Mal. Pen. 2 (1923) 234; STONE, Tree Fl. Malaya 4 (1989) 279; KENG, Conc. Fl. Sing. (1990) 139.
- 1634 *Embelia ribes* BURM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 104; HENDERSON, Mal. Wild Fl. Dic. (1959) 269; STONE, Tree Fl. Malaya 4 (1989) 279; KENG, Conc. Fl. Sing. (1990) 139; — *E. garciniaefolia* WALL. ex MIQ.; RIDLEY, Fl. Mal. Pen. 2 (1923) 232.
- 1635 *Labisia pumila* (BL.) F.-VILL.; STONE, Tree Fl. Malaya 4 (1989) 281; KENG, Conc. Fl. Sing. (1990) 139; — *L. pothoina* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 104; RIDLEY, Fl. Mal. Pen. 2 (1923) 237; HENDERSON, Mal. Wild Fl. Dic. (1959) 270.

Present as *var. lanceolata* (SCHEFF.) MIQ. as well as *var. pumila*.

- 1636 **Maesa ramentacea** WALL. ex ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 103; RIDLEY, Fl. Mal. Pen. 2 (1923) 227; CORNER, Ways. Trees 1st ed. (1940) 481; CORNER, Ways. Trees, 3rd ed. (1988) 569; STONE, Tree Fl. Malaya 4 (1989) 283; KENG, Conc. Fl. Sing. (1990) 139.
- 1637 **Rapanea porteriana** WALL. ex A. DC.; STONE, Tree Fl. Malaya 4 (1989) 284; — *Myrsine avenis* (BL.) DC.; RIDLEY, Fl. Mal. Pen. 2 (1923) 230; KENG, Conc. Fl. Sing. (1990) 139; — *Myrsine porteriana* WALL. ex A. DC.; RIDLEY, Fl. Mal. Pen. 2 (1923) 230; CORNER, Ways. Trees, 3rd ed. (1988) 570; — *Myrsine umbellulata* (WALL.) DC.; RIDLEY, Fl. Mal. Pen. 2 (1923) 231; CORNER, Ways. Trees, 3rd ed. (1988) 570; KENG, Conc. Fl. Sing. (1990) 139.

MYRTACEAE

- 1638 **Aphanomyrtus rostrata** MIQ.; MERRILL, Blumea Suppl. 1 (1937) 109; — *Pseudo-eugenia singaporensis* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 755; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 250.
- 1639 **Decaspermum fruticosum** J.R. & G. FORST.; CORNER, Ways. Trees 1st ed. (1940) 484; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 171; CORNER, Ways. Trees, 3rd ed. (1988) 573; KENG, Conc. Fl. Sing. (1990) 76; — *D. paniculatum* KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 81; RIDLEY, Fl. Mal. Pen. 1 (1922) 717.
- 1640 **Eugenia attenuata** KOORD. & VALET.; HENDERSON, Gard. Bull. Sing. 12 (1949) 238; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 183; CORNER, Ways. Trees, 3rd ed. (1988) 582; KENG, Conc. Fl. Sing. (1990) 77; — *E. penangiana* DUTHIE; RIDLEY, Fl. Mal. Pen. 1 (1922) 740; *p.p.*; CORNER, Ways. Trees 1st ed. (1940) 501.
- 1641 **Eugenia avenis** (MIQ.) HENDERS.; HENDERSON, Gard. Bull. Sing. 12 (1949) 171; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 184; KENG, Conc. Fl. Sing. (1990) 77; — *E. scoparia* DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 748.
- 1642 **Eugenia caudata** KING; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 185.
- One specimen (M.R. Henderson SFN 35931, Bukit Timah) possibly this species.
- 1643a **Eugenia cerina** HENDERS. var. **cerina**; HENDERSON, Gard. Bull. Sing. 12 (1949) 168; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 185; CORNER, Ways. Trees, 3rd ed. (1988) 583; KENG, Conc. Fl. Sing. (1990) 77; — *E. punctulata* (non F.M. BAILEY) KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 747; CORNER, Ways. Trees 1st ed. (1940) 502.
- 1643b **Eugenia cerina** var. **turbinata** HENDERSON, Gard. Bull. Sing. 12 (1949) 170; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 186.
- 1644 **Eugenia chlorantha** DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 734; CORNER, Ways. Trees 1st ed. (1940) 494; HENDERSON, Gard. Bull. Sing. 12 (1949) 107; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 186; CORNER, Ways. Trees, 3rd ed. (1988) 583; — *E. hullettiana* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 735.

- 1645 ***Eugenia claviflora*** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 742; CORNER, Ways. Trees 1st ed. (1940) 495; HENDERSON, Gard. Bull. Sing. 12 (1949) 252; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 186; CORNER, Ways. Trees, 3rd ed. (1988) 584; KENG, Conc. Fl. Sing. (1990) 77.
- 1646 ***Eugenia conglomerata*** DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 83; RIDLEY, Fl. Mal. Pen. 1 (1922) 742; HENDERSON, Gard. Bull. Sing. 12 (1949) 198; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 188; KENG, Conc. Fl. Sing. (1990) 77.
- 1647 ***Eugenia cumingiana*** VIDAL; CORNER, Ways. Trees 1st ed. (1940) 496; HENDERSON, Gard. Bull. Sing. 12 (1949) 260; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 188; CORNER, Ways. Trees, 3rd ed. (1988) 585; KENG, Conc. Fl. Sing. (1990) 77; — *E. acuminatissima* KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 747.
- 1648 ***Eugenia densiflora*** (BL.) MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 81; RIDLEY, Fl. Mal. Pen. 1 (1922) 728; CORNER, Ways. Trees 1st ed. (1940) 497; HENDERSON, Gard. Bull. Sing. 12 (1949) 78; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 189; CORNER, Ways. Trees, 3rd ed. (1988) 585; KENG, Conc. Fl. Sing. (1990) 77.
- 1649 ***Eugenia duthieana*** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 731; HENDERSON, Gard. Bull. Sing. 12 (1949) 118; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 190; KENG, Conc. Fl. Sing. (1990) 77.
- 1650a ***Eugenia filiformis*** DUTHIE *var. filiformis*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 81; RIDLEY, Fl. Mal. Pen. 1 (1922) 740; CORNER, Ways. Trees 1st ed. (1940) 497; HENDERSON, Gard. Bull. Sing. 12 (1949) 145; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 191; CORNER, Ways. Trees, 3rd ed. (1988) 586; KENG, Conc. Fl. Sing. (1990) 77.
- 1650b ***Eugenia filiformis var. clavimyrthus*** (KOORD. & VALET.) HENDERSON; HENDERSON, Gard. Bull. Sing. 12 (1949) 147; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 191.
- 1651 ***Eugenia flosculifera*** HENDERSON; HENDERSON, Gard. Bull. Sing. 12 (1949) 237; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 191.
- 1652 ***Eugenia glauca*** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 737; HENDERSON, Gard. Bull. Sing. 12 (1949) 112; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 193; KENG, Conc. Fl. Sing. (1990) 77.
- 1653 ***Eugenia grandis*** WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 81; RIDLEY, Fl. Mal. Pen. 1 (1922) 729; CORNER, Ways. Trees 1st ed. (1940) 498; HENDERSON, Gard. Bull. Sing. 12 (1949) 87; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 195; CORNER, Ways. Trees, 3rd ed. (1988) 586; KENG, Conc. Fl. Sing. (1990) 77.
- 1654 ***Eugenia griffithii*** DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 83; RIDLEY, Fl. Mal. Pen. 1 (1922) 731; HENDERSON, Gard. Bull. Sing. 12 (1949) 120; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 195; KENG, Conc. Fl. Sing. (1990) 77; — *E. subrufa* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 733, *incl. var. robusta* KING.
- 1655 ***Eugenia inophylla*** (DC.) ROXB.; RIDLEY, Fl. Mal. Pen. 1 (1922) 750; HENDERSON, Gard. Bull. Sing. 12 (1949) 141; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 197.

- 1656 **Eugenia kunstleri** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 746; HENDERSON, Gard. Bull. Sing. 12 (1949) 209; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 199.
- 1657 **Eugenia leptostemon** (KORTH.) MIQ.; HENDERSON, Gard. Bull. Sing. 12 (1949) 201; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 199; — *E. urceolata* [non (KORTH.) CORDEM.] KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 742.
- 1658 **Eugenia leucoxylon** (KORTH.) MIQ.; HENDERSON, Gard. Bull. Sing. 12 (1949) 235; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 199; CORNER, Ways. Trees, 3rd ed. (1988) 588; — *E. verecunda* DUTHIE; RIDLEY, Fl. Mal. Pen. 1 (1922) 748 (*incl. var. major* RIDL.); CORNER, Ways. Trees 1st ed. (1940) 504.
- 1659 **Eugenia linocieroides** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 749; HENDERSON, Gard. Bull. Sing. 12 (1949) 163; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 201; KENG, Conc. Fl. Sing. (1990) 78.
- 1660 **Eugenia longiflora** (PRESL) F.-VILL.; CORNER, Ways. Trees 1st ed. (1940) 499; HENDERSON, Gard. Bull. Sing. 12 (1949) 159; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 201; CORNER, Ways. Trees, 3rd ed. (1988) 588; KENG, Conc. Fl. Sing. (1990) 77; — *E. lineata* (non LAMK.) DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 738.
- 1661a **Eugenia microcalyx** DUTHIE *var. microcalyx*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 83; RIDLEY, Fl. Mal. Pen. 1 (1922) 745 (*incl. var. obovata* KING, *p.p.*); HENDERSON, Gard. Bull. Sing. 12 (1949) 205; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 202; KENG, Conc. Fl. Sing. (1990) 78.
- 1661b **Eugenia microcalyx** *var. irregularis* (CRAIB) HENDERSON; HENDERSON, Gard. Bull. Sing. 12 (1949) 207; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 202; — *E. microcalyx*; CORNER, Ways. Trees 1st ed. (1940) 500; CORNER, Ways. Trees, 3rd ed. (1988) 588.
- 1662 **Eugenia muelleri** MIQ.; HENDERSON, Gard. Bull. Sing. 12 (1949) 186; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 202; CORNER, Ways. Trees, 3rd ed. (1988) 589; KENG, Conc. Fl. Sing. (1990) 78; — *E. venulosa* DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 746; CORNER, Ways. Trees 1st ed. (1940) 504.
- 1663 **Eugenia nemestrina** HENDERSON; HENDERSON, Gard. Bull. Sing. 12 (1949) 192; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 203.
- 1664 **Eugenia ngadimaniana** HENDERS.; HENDERSON, Gard. Bull. Sing. 12 (1949) 108; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 203; KENG, Conc. Fl. Sing. (1990) 78.
- 1665 **Eugenia nigricans** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 751; HENDERSON, Gard. Bull. Sing. 12 (1949) 194; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 203; KENG, Conc. Fl. Sing. (1990) 78.
- 1666 **Eugenia oblata** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 749; HENDERSON, Gard. Bull. Sing. 12 (1949) 136; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 204.

- 1667 ***Eugenia oblongifolia*** DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 744; HENDERSON, Gard. Bull. Sing. 12 (1949) 184; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 204; KENG, Conc. Fl. Sing. (1990) 78.
- 1668 ***Eugenia oleina*** WIGHT; HENDERSON, Gard. Bull. Sing. 12 (1949) 150; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 205; KENG, Conc. Fl. Sing. (1990) 78; — *E. myrtifolia* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 750.
- 1669 ***Eugenia pachyphylla*** KURZ; RIDLEY, Fl. Mal. Pen. 1 (1922) 733; CORNER, Ways. Trees 1st ed. (1940) 500; HENDERSON, Gard. Bull. Sing. 12 (1949) 90; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 206; CORNER, Ways. Trees, 3rd ed. (1988) 589; KENG, Conc. Fl. Sing. (1990) 78.
- 1670 ***Eugenia palembanica*** (MIQ.) MERR.; CORNER, Ways. Trees 1st ed. (1940) 500; HENDERSON, Gard. Bull. Sing. 12 (1949) 85; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 206; CORNER, Ways. Trees, 3rd ed. (1988) 589; KENG, Conc. Fl. Sing. (1990) 78; — *E. lepidocarpa* KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 81; RIDLEY, Fl. Mal. Pen. 1 (1922) 730; — *E. selangorensis* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 730; HENDERSON, Gard. Bull. Sing. 12 (1949) 84.
- 1671 ***Eugenia papillosa*** DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 730; CORNER, Ways. Trees 1st ed. (1940) 501; HENDERSON, Gard. Bull. Sing. 12 (1949) 77; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 207; CORNER, Ways. Trees, 3rd ed. (1988) 589; KENG, Conc. Fl. Sing. (1990) 78.
- 1672 ***Eugenia pauper*** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 745; HENDERSON, Gard. Bull. Sing. 12 (1949) 178; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 207.
- 1673 ***Eugenia pendens*** DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 81; RIDLEY, Fl. Mal. Pen. 1 (1922) 726; HENDERSON, Gard. Bull. Sing. 12 (1949) 71; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 209.
- 1674 ***Eugenia polyantha*** WIGHT; RIDLEY, Fl. Mal. Pen. 1 (1922) 742; CORNER, Ways. Trees 1st ed. (1940) 501; HENDERSON, Gard. Bull. Sing. 12 (1949) 211; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 210; CORNER, Ways. Trees, 3rd ed. (1988) 590; KENG, Conc. Fl. Sing. (1990) 78; — *E. nitida* DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 83; — *E. balsamea* (non WIGHT) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 754.
- 1675 ***Eugenia pseudocrenulata*** HENDERS.; HENDERSON, Gard. Bull. Sing. 12 (1949) 216; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 211; KENG, Conc. Fl. Sing. (1990) 78; — *E. crenulata* (non WILLD.) DUTHIE; RIDLEY, Fl. Mal. Pen. 1 (1922) 751.
- 1676 ***Eugenia pseudoformosa*** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 725; HENDERSON, Gard. Bull. Sing. 12 (1949) 69; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 211; KENG, Conc. Fl. Sing. (1990) 78.
- 1677 ***Eugenia pseudosubtilis*** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 746; CORNER, Ways. Trees 1st ed. (1940) 502; HENDERSON, Gard. Bull. Sing. 12 (1949) 202; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 212; CORNER, Ways. Trees, 3rd ed. (1988) 590; KENG, Conc. Fl. Sing. (1990) 78; — *E. cinerea* (non KURZ) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 744.
- 1678 ***Eugenia pustulata*** DUTHIE; RIDLEY, Fl. Mal. Pen. 1 (1922) 736; HENDERSON, Gard. Bull. Sing. 12 (1949) 188; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 212; KENG, Conc. Fl. Sing. (1990) 78.

- 1679 **Eugenia ridleyi** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 735; CORNER, Ways. Trees 1st ed. (1940) 503; HENDERSON, Gard. Bull. Sing. 12 (1949) 125; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 214; CORNER, Ways. Trees, 3rd ed. (1988) 591; KENG, Conc. Fl. Sing. (1990) 78.
- 1680 **Eugenia rugosa** (KORTH.) MERR.; HENDERSON, Gard. Bull. Sing. 12 (1949) 244 (*incl. var. saxitana* (RIDL.) HEND.); KOCHUMMEN, Tree Fl. Malaya 3 (1978) 215; KENG, Conc. Fl. Sing. (1990) 78; — *E. goodenovii* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 731, *p.p.*; — *E. johorensis* (*non* RIDL.) RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 308.
- ? 1681 **Eugenia scortechinii** KING; HENDERSON, Gard. Bull. Sing. 12 (1949) 66; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 216.
- One doubtful specimen from Singapore.
- 1682 **Eugenia spicata** LAMK.; CORNER, Ways. Trees 1st ed. (1940) 503; HENDERSON, Gard. Bull. Sing. 12 (1949) 231; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 217; CORNER, Ways. Trees, 3rd ed. (1988) 591; KENG, Conc. Fl. Sing. (1990) 78; — *E. zeylanica* (*non* WILLD.) WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 738; — *E. grata* WIGHT; RIDLEY, Fl. Mal. Pen. 1 (1922) 739; CORNER, Ways. Trees 1st ed. (1940) 498; HENDERSON, Gard. Bull. Sing. 12 (1949) 233; CORNER, Ways. Trees, 3rd ed. (1988) 587.
- 1683 **Eugenia sp. 8**; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 225.
- 1684 **Eugenia sp. 39**; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 237.
- 1685 **Eugenia subdecussata** DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 752; CORNER, Ways. Trees 1st ed. (1940) 503; HENDERSON, Gard. Bull. Sing. 12 (1949) 95; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 218; CORNER, Ways. Trees, 3rd ed. (1988) 591; KENG, Conc. Fl. Sing. (1990) 78.
- 1686 **Eugenia syzygioides** HENDERS.; HENDERSON, Gard. Bull. Sing. 12 (1949) 154; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 219; CORNER, Ways. Trees, 3rd ed. (1988) 592; KENG, Conc. Fl. Sing. (1990) 78; — *E. cymosa* WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 81; RIDLEY, Fl. Mal. Pen. 1 (1922) 737, *p.p.*; CORNER, Ways. Trees 1st ed. (1940) 496; — *E. pseudosyzygioides* HEND.; HENDERSON, Gard. Bull. Sing. 12 (1949) 157.
- 1687 **Eugenia tumida** DUTHIE; CORNER, Ways. Trees 1st ed. (1940) 504; HENDERSON, Gard. Bull. Sing. 12 (1949) 161; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 221; CORNER, Ways. Trees, 3rd ed. (1988) 592; KENG, Conc. Fl. Sing. (1990) 78; — *E. pyrifolia* [*non* DESV.] (BL.) DUTHIE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 82; RIDLEY, Fl. Mal. Pen. 1 (1922) 738.
- 1688 **Eugenia virens** (BL.) KOORD. & VALET.; HENDERSON, Gard. Bull. Sing. 12 (1949) 249; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 222; — *E. fusiformis* DUTHIE; RIDLEY, Fl. Mal. Pen. 1 (1922) 727.

- 1689 **Melaleuca cajuputi** POWELL; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 248; KENG, Conc. Fl. Sing. (1990) 78; — *M. leucadendron* L. s.l.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 80; RIDLEY, Fl. Mal. Pen. 1 (1922) 713; BURKILL, Dict. (1935) 1431; CORNER, Ways. Trees 1st ed. (1940) 506; CORNER, Ways. Trees, 3rd ed. (1988) 594.
- 1690 **Rhodamnia cinerea** JACK; RIDLEY, Fl. Mal. Pen. 1 (1922) 716; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 250; CORNER, Ways. Trees, 3rd ed. (1988) 596; KENG, Conc. Fl. Sing. (1990) 79; — *R. trinervia* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 80; BURKILL, Dict. (1935) 1902; CORNER, Ways. Trees 1st ed. (1940) 507.
- 1691 **Rhodomyrtus tomentosa** (AIT.) HASSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 80; RIDLEY, Fl. Mal. Pen. 1 (1922) 717; BURKILL, Dict. (1935) 1903; CORNER, Ways. Trees 1st ed. (1940) 508; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 251; CORNER, Ways. Trees, 3rd ed. (1988) 597; KENG, Conc. Fl. Sing. (1990) 79.
- 1692 **Tristaniopsis merguensis** (GRIFF.) WILSON & WATERHOUSE, Aust. J. Bot. 30 (1982) 439; — *Tristania merguensis* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 80; RIDLEY, Fl. Mal. Pen. 1 (1922) 715; CORNER, Ways. Trees 1st ed. (1940) 509; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 252; CORNER, Ways. Trees, 3rd ed. (1988) 598; KENG, Conc. Fl. Sing. (1990) 79; — *Tristania maingayi* DUTHIE; RIDLEY, Fl. Mal. Pen. 1 (1922) 715; — *Tristania subauriculata* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 714.
- 1693 **Tristaniopsis obovata** (R. BR.) WILSON & WATERHOUSE, Aust. J. Bot. 30 (1982) 439; — *Tristania obovata* R. BR.; CORNER, Ways. Trees 1st ed. (1940) 509; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 253; CORNER, Ways. Trees, 3rd ed. (1988) 598; KENG, Conc. Fl. Sing. (1990) 79; — *Tristania spathulata* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 715.
- 1694 **Tristaniopsis whiteana** (GRIFF.) WILSON & WATERHOUSE, Aust. J. Bot. 30 (1982) 440; — *Tristania whiteana* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 80; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 253; KENG, Conc. Fl. Sing. (1990) 79; — *Tristania sumatrana* MIQ.; CORNER, Ways. Trees 1st ed. (1940) 509; CORNER, Ways. Trees, 3rd ed. (1988) 598.

NAJADACEAE

- 1695 **Najas indica** (WILLD.) CHAM.; DE WILDE, Fl. Males. I 6² (1962) 166; — *N. minor* (non ALL.) HOOK. f.; RIDLEY, Fl. Mal. Pen. 4 (1924) 366 — *N. kingii* RENDLE; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 129; RIDLEY, Fl. Mal. Pen. 4 (1924) 366; HENDERSON, Mal. Wild Fl. Monoc. (1954) 205; KENG, Gard. Bull. Sing. 40 (1987) 115.
- 1696 **Najas malesiana** DELILE; DE WILDE, Fl. Males. I 6² (1962) 169; — *N. minor* (non ALL.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 180; — *N. graminea* var. *angustifolia* RENDLE; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 90; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 28; RIDLEY, Fl. Mal. Pen. 4 (1924) 366; — *N. graminea* (non DEL.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 128; RIDLEY, Fl. Mal. Pen. 4 (1924) 365; HENDERSON, Mal. Wild Fl. Monoc. (1954) 205; KENG, Gard. Bull. Sing. 40 (1987) 115.

NEPENTHACEAE

- 1697 **Nepenthes ampullaria** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 126; RIDLEY, Fl. Mal. Pen. 3 (1924) 21; HENDERSON, Mal. Wild Fl. Dic. (1959) 428; KENG, Conc. Fl. Sing. (1990) 55.
- 1698 **Nepenthes gracilis** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 126; RIDLEY, Fl. Mal. Pen. 3 (1924) 24; HENDERSON, Mal. Wild Fl. Dic. (1959) 430; KENG, Conc. Fl. Sing. (1990) 55.
- 1699 **Nepenthes hookeriana** LINDL.; KENG, Conc. Fl. Sing. (1990) 56.
- 1700 **Nepenthes rafflesiana** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 126; RIDLEY, Fl. Mal. Pen. 3 (1924) 24; HENDERSON, Mal. Wild Fl. Dic. (1959) 432; KENG, Conc. Fl. Sing. (1990) 55.
- 1701 **Nepenthes trichocarpa** MIQ.; KENG, Conc. Fl. Sing. (1990) 56; — *N. phyllamphora* WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 126; RIDLEY, Fl. Mal. Pen. 3 (1924) 25.

NYCTAGINACEAE

- 1702 **Boerhavia diffusa** L.; RIDLEY, Fl. Mal. Pen. 3 (1924) 1; HENDERSON, Mal. Wild Fl. Dic. (1959) 406; STEMMERIK, Fl. Males. I 6³ (1964) 454; KENG, Conc. Fl. Sing. (1990) 59; — *B. repens* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125.

NYMPHAEACEAE

- 1703 **Hydrostemma motleyi** (HOOK. f.) MABBERL.; KENG, Conc. Fl. Sing. (1990) 22; — *Barclaya motleyi* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 43; RIDLEY, Fl. Mal. Pen. 1 (1922) 116.

OCHNACEAE

- 1704 **Brackenridgea hookeri** (PLANCH.) A. GRAY; KANIS, Fl. Males. I 7¹ (1971) 102; NG, Tree Fl. Malaya 3 (1978) 256; KENG, Conc. Fl. Sing. (1990) 53; — *Gomphia hookeri* PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 57; RIDLEY, Fl. Mal. Pen. 1 (1922) 366; — *Ouratea hookeri* (PLANCH.) BURK.; Burkill, Dict. (1935) 1615.
- 1705 **Brackenridgea palustris** BARTELL.; KANIS, Fl. Males. I 7¹ (1971) 102; NG, Tree Fl. Malaya 3 (1978) 256; KENG, Conc. Fl. Sing. (1990) 53; — *Gomphia hookeri* var. *corymbosa* KING; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 84; — *Gomphia corymbosa* (KING) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 367.
- 1706 **Euthemis leucocarpa** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 57; RIDLEY, Fl. Mal. Pen. 1 (1922) 368; KANIS, Fl. Males. I 7¹ (1971) 108; NG, Tree Fl. Malaya 3 (1978) 257; KENG, Conc. Fl. Sing. (1990) 53.
- 1707 **Euthemis minor** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 58; RIDLEY, Fl. Mal. Pen. 1 (1922) 368; KANIS, Fl. Males. I 7¹ (1971) 108; NG, Tree Fl. Malaya 3 (1978) 257; KENG, Conc. Fl. Sing. (1990) 54.

- 1708 **Gomphia serrata** (GAERTN.) KANIS; KANIS, Fl. Males. 17¹ (1971) 105; NG, Tree Fl. Malaya 3 (1978) 258; KENG, Conc. Fl. Sing. (1990) 54; — *G. sumatrana* JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 57; RIDLEY, Fl. Mal. Pen. 1 (1922) 365; — *G. oblongifolia* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 296; — *Ouratea crocea* (GRIFF.) BURK. *p. p. excl. type*; Burkill, Dict. 1614

OLACACEAE

- 1709 **Anacalosa frutescens** (BL.) BL.; SLEUMER, Fl. Males. I 10¹ (1984) 25; — *A. heptandra* MAING. *ex* MAST.; RIDLEY, Fl. Mal. Pen. 1 (1922) 425; WHITMORE, Tree Fl. Malaya 2 (1973) 299.
- 1710 **Erythralium scandens** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; RIDLEY, Fl. Mal. Pen. 1 (1922) 436; BURKILL, Dict. (1935) 949; WHITMORE, Tree Fl. Malaya 2 (1973) 299; SLEUMER, Fl. Males. I 10¹ (1984) 17; KENG, Conc. Fl. Sing. (1990) 127.
- 1711 **Ochanostachys amentacea** MAST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 422; WHITMORE, Tree Fl. Malaya 2 (1973) 302; SLEUMER, Fl. Males. I 10¹ (1984) 14; KENG, Conc. Fl. Sing. (1990) 127.
- 1712 **Olex imbricata** ROXB.; RIDLEY, Fl. Mal. Pen. 1 (1922) 421; WHITMORE, Tree Fl. Malaya 2 (1973) 300; SLEUMER, Fl. Males. I 10¹ (1984) 8.
- 1713 **Scorodocarpus borneensis** BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; RIDLEY, Fl. Mal. Pen. 1 (1922) 424; WHITMORE, Tree Fl. Malaya 2 (1973) 303; SLEUMER, Fl. Males. I 10¹ (1984) 15; KENG, Conc. Fl. Sing. (1990) 127.
- 1714 **Strombosia ceylanica** GARDN.; SLEUMER, Fl. Males. I 10¹ (1984) 22; KENG, Conc. Fl. Sing. (1990) 127; — *S. rotundifolia* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 1 (1922) 425; — *S. multiflora* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 425; WHITMORE, Tree Fl. Malaya 2 (1973) 306; — *S. maingayi* (MAST.) WHITMORE; WHITMORE, Tree Fl. Malaya 2 (1973) 306.
- 1715 **Strombosia javanica** BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 425; WHITMORE, Tree Fl. Malaya 2 (1973) 306; SLEUMER, Fl. Males. I 10¹ (1984) 21; KENG, Conc. Fl. Sing. (1990) 127.
- 1716 **Ximenia americana** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 61; RIDLEY, Fl. Mal. Pen. 1 (1922) 424; CORNER, Ways. Trees 1st ed. (1940) 728; WHITMORE, Tree Fl. Malaya 2 (1973) 300; SLEUMER, Fl. Males. I 10¹ (1984) 11; CORNER, Ways. Trees, 3rd ed. (1988) 600; KENG, Conc. Fl. Sing. (1990) 127.

OLEACEAE

- 1717 **Chionanthus macrocarpus** BL.; KIEW, Mal. Forest. 42 (1979) 271; KIEW, Gard. Bull. Sing. 37 (1984) 209; KIEW, Tree Fl. Malaya 4 (1989) 288; — *C. elaeocarpus* (STAPF) KIEW; KIEW, Mal. Forest. 42 (1979) 267.

- 1718 **Chionanthus ramiflorus** ROXB.; CORNER, Ways. Trees, 3rd ed. (1988) 601; KIEW, Tree Fl. Malaya 4 (1989) 289; KENG, Conc. Fl. Sing. (1990) 150; — *Linociera pauciflora* (WALL.) CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 108; RIDLEY, Fl. Mal. Pen. 2 (1923) 317.
- 1719 **Jasminum bifarium** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 108; RIDLEY, Fl. Mal. Pen. 2 (1923) 313; HENDERSON, Mal. Wild Fl. Dic. (1959) 276; KENG, Conc. Fl. Sing. (1990) 150.
- 1720 **Jasminum griffithii** CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 108; RIDLEY, Fl. Mal. Pen. 2 (1923) 311; KENG, Conc. Fl. Sing. (1990) 150.
- 1721 **Jasminum longipetalum** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 314; KENG, Conc. Fl. Sing. (1990) 150.
- 1722 **Olea brachiata** (LOUR.) MERR.; CORNER, Ways. Trees, 3rd ed. (1988) 603; KIEW, Tree Fl. Malaya 4 (1989) 291; KENG, Conc. Fl. Sing. (1990) 150; — *O. maritima* WALL. ex DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 108; RIDLEY, Fl. Mal. Pen. 2 (1923) 318; HENDERSON, Mal. Wild Fl. Dic. (1959) 277.

ONAGRACEAE

- 1723 **Ludwigia adscendens** (L.) HARA; RAVEN, Fl. Males. I 8² (1977) 104; KENG, Conc. Fl. Sing. (1990) 84; — *Jussiaea repens* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 827; HENDERSON, Mal. Wild Fl. Dic. (1959) 148.
- 1724 **Ludwigia hyssopifolia** (G. DON) EXELL; RAVEN, Fl. Males. I 8² (1977) 104; KENG, Conc. Fl. Sing. (1990) 84; — *Jussiaea suffruticosa* (non L.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 827; — *Jussiaea linifolia* VAHL; HENDERSON, Mal. Wild Fl. Dic. (1959) 148.
- 1725 **Ludwigia octovalvis** (JACQ.) RAVEN; RAVEN, Fl. Males. I 8² (1977) 101; KENG, Conc. Fl. Sing. (1990) 85; — *Jussiaea angustifolia* LAMK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; — *Jussiaea erecta* (non L.) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 827; — *Jussiaea villosa* LAMK.; RIDLEY, Fl. Mal. Pen. 1 (1922) 828; HENDERSON, Mal. Wild Fl. Dic. (1959) 149.
- 1726 **Ludwigia peruviana** (L.) HARA; RAVEN, Fl. Males. I 8² (1977) 100; KENG, Conc. Fl. Sing. (1990) 85; — *Jussiaea speciosa* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 828.
- 1727 **Ludwigia prostrata** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 829; HENDERSON, Mal. Wild Fl. Dic. (1959) 150; RAVEN, Fl. Males. I 8² (1977) 103; KENG, Conc. Fl. Sing. (1990) 85.

I can find no evidence of **Ludwigia erecta** (L.) HARA (KENG, Conc. Fl. Sing. (1990) 84) ever having occurred in Singapore.

OPILIACEAE

- 1728 **Cansjera rheedii** J.F. GMELIN; HIEPKO, Fl. Males. I 10¹ (1984) 50; NG, Tree Fl. Malaya 4 (1989) 294; KENG, Conc. Fl. Sing. (1990) 128; — *C. zizyphifolia* GRIFF.; RIDLEY, Fl. Mal. Pen. 3 (1924) 172; SINCLAIR, Gard. Bull. Sing. 14 (1953) 35.

- 1729 **Champereia manillana** (BL.) MERR.; CORNER, Ways. Trees 1st ed. (1940) 514; HIEPKO, Fl. Males. I 10¹ (1984) 35; CORNER, Ways. Trees, 3rd ed. (1988) 604; NG, Tree Fl. Malaya 4 (1989) 294; KENG, Conc. Fl. Sing. (1990) 128; — *C. griffithiana* PLANCH. ex KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 133; — *C. griffithii* PLANCH. ex KURZ (*nom. illeg.*); RIDLEY, Fl. Mal. Pen. 3 (1924) 172; BURKILL, Dict. (1935) 520.
- 1730 **Lepionurus sylvestris** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 60; RIDLEY, Fl. Mal. Pen. 3 (1924) 172; BURKILL, Dict. (1935) 1353; CORNER, Ways. Trees 1st ed. (1940) 515; HIEPKO, Fl. Males. I 10¹ (1984) 43; CORNER, Ways. Trees, 3rd ed. (1988) 605; NG, Tree Fl. Malaya 4 (1989) 295; KENG, Conc. Fl. Sing. (1990) 128; — *L. oblongifolius* (GRIFF.) MAST.; RIDLEY, Fl. Mal. Pen. 3 (1924) 173.

ORCHIDACEAE

- 1731 **Acriopsis javanica** REINW. ex BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 187; RIDLEY, Fl. Mal. Pen. 4 (1924) 190; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 555; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 563.
- 1732 **Acriopsis ridleyi** HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 188; RIDLEY, Fl. Mal. Pen. 4 (1924) 190; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 556; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 563.
- 1733 **Adenoncos sumatrana** J.J. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 596; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 583; — *A. virens* (*non* BL.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161, RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 149; RIDLEY, Fl. Mal. Pen. 4 (1924) 154.
- 1734 **Agrostophyllyum bicuspidatum** J.J.S.; RIDLEY, Fl. Mal. Pen. 4 (1924) 108; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 487; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 319; — *Appendicula callosa* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; — *Podochilus callosa* SCHLECHT.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 197.
- 1735 **Agrostophyllyum majus** HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 107; RIDLEY, Fl. Mal. Pen. 4 (1924) 108; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 489; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 321.
- 1736 **Anoectochilus geniculatus** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 213; RIDLEY, Fl. Mal. Pen. 4 (1924) 213; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 127; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 73.
- 1737 **Aphyllorchis pallida** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 205; RIDLEY, Fl. Mal. Pen. 4 (1924) 205; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 102; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 44.

- 1738 ***Apostasia nuda*** R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 233; RIDLEY, Fl. Mal. Pen. 4 (1924) 297; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 66; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 37.
- 1739 ***Appendicula anceps*** BL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 195; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 505; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 329; — *A. lewisii* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; — *Podochilus anceps* (BL.) SCHLECHT.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 193.
- 1740 ***Appendicula cornuta*** BL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 196; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 509; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 332; — *A. bifaria* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; — *Podochilus cornutus* (BL.) SCHLECHT.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 194.
- 1741 ***Appendicula lucida*** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; RIDLEY, Fl. Mal. Pen. 4 (1924) 196; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 509; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 330; — *Podochilus lucidus* (RIDL.) SCHLECHT.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 195.
- 1742 ***Appendicula uncata*** RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 196; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 508; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 330; — *Podochilus uncatus* (RIDL.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 194.
- 1743 ***Arachnis hookeriana*** (HOOK. f.) SCHLTR.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 614; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 633; — *Renanthera alba* (RIDL.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 155; — *A. alba* (RIDL.) SCHLTR.; RIDLEY, Fl. Mal. Pen. 4 (1924) 159.
- 1744 ***Arachnis maingayi*** (HOOK. f.) RCHB. f.; RIDLEY, Fl. Mal. Pen. 4 (1924) 159; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 618; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 633; — *Renanthera maingayi* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 155.
- 1745 ***Arundina graminifolia*** (DON) HOCHR.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 188; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 146; — *A. bambusifolia* LINDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 125; — *A. speciosa* BL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 126; — *A. revoluta* HOOK. f.; RIDLEY, Fl. Mal. Pen. 4 (1924) 126.
- 1746 ***Biermannia laciniata*** (CARR) GARAY; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 685; — *Chamaeanthus laciniatus* CARR; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 680.
- 1747 ***Bromheadia alticola*** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 144; RIDLEY, Fl. Mal. Pen. 4 (1924) 151; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 543; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 525.

- 1748 **Bromheadia aporoides** RCHB. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 145; RIDLEY, Fl. Mal. Pen. 4 (1924) 151; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 545; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 529.
- 1749a **Bromheadia finlaysoniana** (LINDL.) RCHB. *f. var. finlaysoniana*; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 541; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 525; — *B. palustris* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 143; RIDLEY, Fl. Mal. Pen. 4 (1924) 150.
- 1749b **Bromheadia finlaysoniana var. sylvestris** (RIDL.) HOLTT.; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 541; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 525; — *B. sylvestris* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 144; RIDLEY, Fl. Mal. Pen. 4 (1924) 150.
- 1750 **Bulbophyllum acuminatum** (RIDL.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 82; RIDLEY, Fl. Mal. Pen. 4 (1924) 79; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 414; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 447; — *Cirrhopetalum acuminatum* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; — *Cirrhopetalum semibifidum* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; — *B. semibifidum* (RIDL.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 82; RIDLEY, Fl. Mal. Pen. 4 (1924) 79; — *Cirrhopetalum linearifolium* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; — *B. stenophyllum* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 83; RIDLEY, Fl. Mal. Pen. 4 (1924) 80.
- 1751 **Bulbophyllum apodum** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 76; RIDLEY, Fl. Mal. Pen. 4 (1924) 73; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 446; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 463.
- 1752 **Bulbophyllum blumei** (LINDL.) J.J.S.; RIDLEY, Fl. Mal. Pen. 4 (1924) 74; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 406; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 517; — *Cirrhopetalum blumei* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; — *B. ephippium* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 78.
- 1753 **Bulbophyllum botryophorum** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 71; RIDLEY, Fl. Mal. Pen. 4 (1924) 69; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 457; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 494.
- 1754 **Bulbophyllum cleistogamum** RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 72; RIDLEY, Fl. Mal. Pen. 4 (1924) 69; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 401; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 493.
- 1755 **Bulbophyllum concinnum** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 74; RIDLEY, Fl. Mal. Pen. 4 (1924) 70; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 454; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 471.

- ? 1756 **Bulbophyllum flavescens** (BL.) LINDL.; VERMEULEN, Orchids of Borneo 2 (1991) 51; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 459; — *B. adenopetalum* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 75; RIDLEY, Fl. Mal. Pen. 4 (1924) 71; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 449.

Possibly only cultivated in Singapore.

- 1757 **Bulbophyllum limbatum** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 69; RIDLEY, Fl. Mal. Pen. 4 (1924) 65; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 460; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 435.
- 1758 **Bulbophyllum macranthum** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 63; RIDLEY, Fl. Mal. Pen. 4 (1924) 57; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 417; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 477.
- 1759 **Bulbophyllum macrochilum** ROLFE; VERMEULEN, Orchids of Borneo 2 (1991) 153; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 493; — *B. stella* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 72; RIDLEY, Fl. Mal. Pen. 4 (1924) 69; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 401.
- 1760 **Bulbophyllum makoyanum** (RCHB. f.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 81; RIDLEY, Fl. Mal. Pen. 4 (1924) 79; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 412; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 443; — *Cirrhopetalum makoyanum* RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158.
- 1761 **Bulbophyllum medusae** (LINDL.) RCHB. f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 79; RIDLEY, Fl. Mal. Pen. 4 (1924) 75; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 409; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 468; — *Cirrhopetalum medusae* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158.
- 1762 **Bulbophyllum membranaceum** TEJISM. & BINNEND.; RIDLEY, Fl. Mal. Pen. 4 (1924) 64; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 430; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 501; — *B. avicella* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 67.
- 1763 **Bulbophyllum nigropurpureum** CARR; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 430; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 503.
- 1764 **Bulbophyllum ovalifolium** (BL.) LINDL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 436; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 513; — *B. catenarium* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 67; RIDLEY, Fl. Mal. Pen. 4 (1924) 61.
- 1765 **Bulbophyllum patens** KING *ex* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 62; RIDLEY, Fl. Mal. Pen. 4 (1924) 57; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 417; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 481.

- 1766 **Bulbophyllum pileatum** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 63; RIDLEY, Fl. Mal. Pen. 4 (1924) 57; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 422; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 479.
- 1767 **Bulbophyllum pulchellum** RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 83; RIDLEY, Fl. Mal. Pen. 4 (1924) 80; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 415; W*S 449; — *Cirrhopetalum concinnum* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158.
- 1768 **Bulbophyllum purpurascens** TEJISM. & BINNEND.; RIDLEY, Fl. Mal. Pen. 4 (1924) 78; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 410; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 449; — *Cirrhopetalum citrinum* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; — *B. citrinum* (RIDL.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 75.
- 1769 **Bulbophyllum restrepia** RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 78; RIDLEY, Fl. Mal. Pen. 4 (1924) 75; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 406; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 517.
- 1770 **Bulbophyllum ruficaudatum** RIDL.; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 445; — *Cirrhopetalum microbulbon* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; — *B. microbulbon* (RIDL.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 82; RIDLEY, Fl. Mal. Pen. 4 (1924) 79; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 414.
- 1771 **Bulbophyllum rugosum** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 65; RIDLEY, Fl. Mal. Pen. 4 (1924) 60; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 421; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 475.
- 1772 **Bulbophyllum sessile** (KOEN.) J.J.SM.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 451; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 503; — *B. clandestinum* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 72; RIDLEY, Fl. Mal. Pen. 4 (1924) 69.
- 1773 **Bulbophyllum singaporeanum** SCHLTR.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 458; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 485; — *B. densiflorum* (non ROLFE) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 71; RIDLEY, Fl. Mal. Pen. 4 (1924) 68.
- 1774 **Bulbophyllum striatellum** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 67; RIDLEY, Fl. Mal. Pen. 4 (1924) 62; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 437; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 519.
- 1775 **Bulbophyllum tenuifolium** (BL.) LINDL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 439; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 518.
- 1776 **Bulbophyllum trifolium** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 71; RIDLEY, Fl. Mal. Pen. 4 (1924) 68; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 457; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 495.

- 1777 **Bulbophyllum vaginatum** (LINDL.) RCHB.f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 80; RIDLEY, Fl. Mal. Pen. 4 (1924) 76; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 409; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 439; — *Cirrhopetalum vaginatum* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158.
- 1778 **Bulbophyllum vermiculare** HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 74; RIDLEY, Fl. Mal. Pen. 4 (1924) 71; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 446; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 461.
- 1779 **Bulbophyllum vesiculosum** J.J.SM.; VERMEULEN, Orchids of Borneo 2 (1991) 133; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 507; — *B. corneri* CARR; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 428.
- 1780 **Calanthe pulchra** (BL.) LINDL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 157; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 173; — *C. curculigoides* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163, RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 122, RIDLEY, Fl. Mal. Pen. 4 (1924) 121.
- 1781 **Ceratostylis subulata** BL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 109; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 493; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 310; — *C. gracilis* (non BL.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 109.
- 1782 **Claderia viridiflora** HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 136; RIDLEY, Fl. Mal. Pen. 4 (1924) 140; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 184; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 531.
- 1783 **Cleisostoma halophilum** (RIDL.) GARAY, Bot. Mus. Leaf. Harv. Univ. 23 (1972) 171; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 623; — *Saccolabium halophilum* (RIDL.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 162; RIDLEY, Fl. Mal. Pen. 4 (1924) 168; — *Ascochilus teres* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 178; RIDLEY, Fl. Mal. Pen. 4 (1924) 181; — *Sarcanthus halophilus* (RIDL.) J.J. SMITH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 653.
- 1784 **Cleisostoma scortechinii** (HOOK.f.) GARAY, Bot. Mus. Leaf. Harv. Univ. 23 (1972) 174; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 625; — *Saccolabium scortechinii* (HOOK.f.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 167; RIDLEY, Fl. Mal. Pen. 4 (1924) 169; — *Sarcanthus scortechinii* HOOK.f.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 655.
- 1785 **Coelogyne cumingii** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 131; RIDLEY, Fl. Mal. Pen. 4 (1924) 134; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 249; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 209.

- 1786 *Coelogyne foerstermannii* RCHB. f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 130; RIDLEY, Fl. Mal. Pen. 4 (1924) 132; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 251; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 209.
- 1787 *Coelogyne mayeriana* RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 131; RIDLEY, Fl. Mal. Pen. 4 (1924) 133; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 254; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 217.
- 1788 *Coelogyne rochussenii* DE VR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 128; RIDLEY, Fl. Mal. Pen. 4 (1924) 131; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 257; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 213.
- 1789 *Coelogyne testacea* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 127; RIDLEY, Fl. Mal. Pen. 4 (1924) 129; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 259; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 215.
- 1790 *Cordiglottis filiformis* (HOOK. f.) GARAY; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 637; — *Dendrocolla filiformis* (HOOK. f.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 184; RIDLEY, Fl. Mal. Pen. 4 (1924) 187; — *Cheirorchis filiformis* (HOOK. f.) CARR; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 679.
- 1791 *Corymborkis veratrifolia* (REINW.) BL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 144 (*Corymborchis*); SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 53; — *Corymbis longiflora* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 208, RIDLEY, Fl. Mal. Pen. 4 (1924) 208.
- 1792 *Cryptostylis arachnites* (BL.) HASSK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 225; RIDLEY, Fl. Mal. Pen. 4 (1924) 225; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 103; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 49.
- 1793 *Cymbidium bicolor* LINDL. *ssp. pubescens* (LINDL.) DU PAY & CRIBB; The Genus *Cymbidium* (1988) 73; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 551; — *C. aloifolium* (non Sw.) RIDL. *var. pubescens*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; — *C. pubescens* Lindl.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 140; RIDLEY, Fl. Mal. Pen. 4 (1924) 145; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 522.
- 1794 *Cymbidium finlaysonianum* LINDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 139; RIDLEY, Fl. Mal. Pen. 4 (1924) 145; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 520; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 551; — *C. aloifolium* (non Sw.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160.
- 1795a *Cystorchis variegata* BL. *var. variegata*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 212; RIDLEY, Fl. Mal. Pen. 4 (1924) 211; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 139; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 68.

1795b *Cystorchis variegata* var. *purpurea* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 212; RIDLEY, Fl. Mal. Pen. 4 (1924) 212; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 139; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 69.

1796 *Dendrobium acerosum* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 43; RIDLEY, Fl. Mal. Pen. 4 (1924) 38; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 338; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 423.

? 1797 *Dendrobium aciculare* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 155; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 57; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 403.

One collection of Loddiges dubiously from Singapore, though Seidenfaden (Nord. J. Bot. 1(1981) 193) does not entirely discount possibility of Singapore being the true locality.

1798 *Dendrobium aloifolium* (BL.) RCHB. f.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 330; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 411; — *D. serra* (LINDL.) LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 155; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 38; RIDLEY, Fl. Mal. Pen. 4 (1924) 35.

1799 *Dendrobium bifarium* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 45; RIDLEY, Fl. Mal. Pen. 4 (1924) 42; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 322; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 399.

1800 *Dendrobium concinnum* MIQ.; SEIDENFADEN, Op. Bot. 83 (1985) 229; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 419; — *D. atropurpureum* (non MIQ.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 155; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 40; RIDLEY, Fl. Mal. Pen. 4 (1924) 37; — *D. carnosum* (BL.) RCHB. f.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 337.

1801 *Dendrobium crocatum* HOOK. f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 52; RIDLEY, Fl. Mal. Pen. 4 (1924) 47; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 320; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 378; — *D. pyropum* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157.

1802 *Dendrobium crumenatum* Sw.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 48; RIDLEY, Fl. Mal. Pen. 4 (1924) 42; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 329; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 409.

1803 *Dendrobium flexile* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 42; RIDLEY, Fl. Mal. Pen. 4 (1924) 39; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 339; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 423.

1804 *Dendrobium grande* HOOK. f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 40; RIDLEY, Fl. Mal. Pen. 4 (1924) 36; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 332; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 413.

- 1805 **Dendrobium hendersonii** HAWKES & HELLER; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 328; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 407.
- 1806 **Dendrobium indivisum** (BL.) MIQ.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 332; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 413; — *D. eulophotum* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 155; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 39; RIDLEY, Fl. Mal. Pen. 4 (1924) 35.
- 1807 **Dendrobium lamellatum** (BL.) LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 50; RIDLEY, Fl. Mal. Pen. 4 (1924) 46; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 317; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 373.
- 1808 **Dendrobium leonis** (LINDL.) RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 155; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 41; RIDLEY, Fl. Mal. Pen. 4 (1924) 37; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 334; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 417.
- 1809 **Dendrobium lobatum** (BL.) MIQ.; RIDLEY, Fl. Mal. Pen. 4 (1924) 36; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 332; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 413; — *D. rhizophoreti* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 155; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 39.
- 1810 **Dendrobium lobbii** TEJSM. & BINNEND.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 342; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 427; — *D. conostalix* RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 43; — *D. calcaratum* (non A. RICH.) LINDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 39.
- 1811 **Dendrobium microglaphys** RCHB. f.; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 389; — *D. callibotrys* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 49; RIDLEY, Fl. Mal. Pen. 4 (1924) 44; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 287.
- 1812 **Dendrobium pachyphyllum** (KZE.) BAKH. f.; SEIDENFADEN, Op. Bot. 83 (1985) 10; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 363; — *D. pumilum* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154; RIDLEY, Fl. Mal. Pen. 4 (1924) 34; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 275; — *D. quadrangulare* (non PARISH & RCHB. f.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 35.
- 1813 **Dendrobium pandaneti** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 47; RIDLEY, Fl. Mal. Pen. 4 (1924) 44; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 324; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 395.
- 1814 **Dendrobium pensile** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 45; RIDLEY, Fl. Mal. Pen. 4 (1924) 40; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 340; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 425.

1815 **Dendrobium planibulbe** LINDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 41; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 328; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 407; — *D. tuberiferum* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 48.

1816 **Dendrobium prostratum** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 155; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 41; RIDLEY, Fl. Mal. Pen. 4 (1924) 38; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 334; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 415.

? 1817 **Dendrobium pulchellum** ROXB. ex LINDL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 293; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 383; — *D. dalhousieanum* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 157; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 57; RIDLEY, Fl. Mal. Pen. 4 (1924) 52.

Once recorded on a tree at Chan Chu Kang, otherwise only cultivated.

1818 **Dendrobium revolutum** LINDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 46; RIDLEY, Fl. Mal. Pen. 4 (1924) 43; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 323; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 399.

1819 **Dendrobium salaccense** (BL.) LINDL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 341; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 427; — *D. gemellum* (non LINDL.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 44; RIDLEY, Fl. Mal. Pen. 4 (1924) 40.

1820 **Dendrobium secundum** (BL.) LINDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 50; RIDLEY, Fl. Mal. Pen. 4 (1924) 46; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 316; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 373.

1821 **Dendrobium setifolium** RIDL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 326; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 403; — *D. gracile* (non BL.) LINDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 47; RIDLEY, Fl. Mal. Pen. 4 (1924) 41.

1822 **Dendrobium singaporense** HAWKES & HELLER; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 337; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 420; — *D. teres* (non ROXB.) LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 155; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 42; RIDLEY, Fl. Mal. Pen. 4 (1924) 38.

1823 **Dendrobium sinuatum** (LINDL.) LINDL. ex RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 155; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 40; RIDLEY, Fl. Mal. Pen. 4 (1924) 37; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 335; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 419.

1824 **Dendrobium spigidoglossum** RCHB. f.; SEIDENFADEN, Op. Bot. 83 (1985) 93; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 393; — *D. flavidulum* RIDL. ex HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 55; RIDLEY, Fl. Mal. Pen. 4 (1924) 45; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 311.

- 1825 **Dendrobium spurium** (BL.) J.J.SM.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 277; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 365; — *D. euphlebioides* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 49; RIDLEY, Fl. Mal. Pen. 4 (1924) 44.
- 1826 **Dendrobium subulatum** (BL.) LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 43; RIDLEY, Fl. Mal. Pen. 4 (1924) 39; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 339; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 423.
- 1827 **Dendrobium villosulum** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 156; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 44; RIDLEY, Fl. Mal. Pen. 4 (1924) 40; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 429; — *D. melanochlamys* HOLTUM; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 342.
- 1828 **Dendrochilum ellipticum** RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 85; RIDLEY, Fl. Mal. Pen. 4 (1924) 83; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 234; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 191.
- 1829 **Dendrochilum longifolium** RCHB. f.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 229; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 185; — *Platyclinis longifolia* (RCHB.f.) HEMSL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 26; RIDLEY, Fl. Mal. Pen. 4 (1924) 25.
- 1830 **Didymoplexis pallens** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 206; RIDLEY, Fl. Mal. Pen. 4 (1924) 206; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 109; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 138.
- 1831 **Dilochia wallichii** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 125; RIDLEY, Fl. Mal. Pen. 4 (1924) 126; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 190; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 148.
- 1832 **Diplocaulobium longicolle** (LINDL.) KRAENZL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 27; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 348; — *Dendrobium longicolle* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 34; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 263.
- 1833 **Dipodium scandens** (BL.) J.J. SM.; COMBER, Orchids of Java (1990) 384; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 555; — *D. pictum* (LINDL.) RCHB.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 141; RIDLEY, Fl. Mal. Pen. 4 (1924) 147; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 513.
- 1834 **Eria bractescens** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 101; RIDLEY, Fl. Mal. Pen. 4 (1924) 91; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 388; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 295.

- 1835 **Eria floribunda** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 96; RIDLEY, Fl. Mal. Pen. 4 (1924) 89; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 384; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 285.
- 1836 **Eria hyacinthoides** (BL.) LINDL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 390; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 298; — *E. endymion* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 101; RIDLEY, Fl. Mal. Pen. 4 (1924) 91.
- 1837 **Eria javanica** (SW.) BL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 377; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 271; — *E. stellata* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 98; RIDLEY, Fl. Mal. Pen. 4 (1924) 96; — *E. striolata* RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 99; RIDLEY, Fl. Mal. Pen. 4 (1924) 96.
- 1838 **Eria longe-repens** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 103; RIDLEY, Fl. Mal. Pen. 4 (1924) 95; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 372; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 293.
- 1839 **Eria neglecta** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 103; RIDLEY, Fl. Mal. Pen. 4 (1924) 95; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 368; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 293.
- 1840 **Eria nutans** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 103; RIDLEY, Fl. Mal. Pen. 4 (1924) 94; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 368; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 291.
- 1841 **Eria obliqua** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 158; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 89; RIDLEY, Fl. Mal. Pen. 4 (1924) 86; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 365; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 279.
- 1842 **Eria panneae** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 100; RIDLEY, Fl. Mal. Pen. 4 (1924) 99; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 380; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 273.
- 1843 **Eria pellipes** HOOK. f.; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 273; — *E. teretifolia* (non GRIFF.) GRIFF.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 100; RIDLEY, Fl. Mal. Pen. 4 (1924) 99; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 379.
- 1844 **Eria pudica** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 104; RIDLEY, Fl. Mal. Pen. 4 (1924) 85; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 391; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 303.

- 1845 **Eria pulchella** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 372; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 275; — *Tylostylis rigida* auct., non BL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 105; RIDLEY, Fl. Mal. Pen. 4 (1924) 104.
- 1846 **Eria robusta** (BL.) LINDL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 381; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 286; — *E. aeridostachya* RCHB.f. ex LINDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 97; RIDLEY, Fl. Mal. Pen. 4 (1924) 96; — *E. brunea* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 98; RIDLEY, Fl. Mal. Pen. 4 (1924) 97; — *E. linearifolia* RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 97; — *E. lorifolia* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 98; RIDLEY, Fl. Mal. Pen. 4 (1924) 98.
- 1847 **Eria tenuiflora** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 97; RIDLEY, Fl. Mal. Pen. 4 (1924) 90; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 393; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 306.
- 1848 **Eulophia graminea** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 137; RIDLEY, Fl. Mal. Pen. 4 (1924) 141; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 534; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 539.
- 1849 **Eulophia spectabilis** (DENNST.) SURESH.; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 541; — *E. squalida* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 137; RIDLEY, Fl. Mal. Pen. 4 (1924) 141; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 537.
- 1850 **Flickingeria angustifolia** (BL.) HAWKES; SEIDENFADEN, Dansk Bot. Arkiv 34 (1980) 57; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 359; — *Dendrobium kelsallii* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 36; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 270; — *Dendrobium pallidiflorum* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 37; — *Desmotrichum kelsallii* RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 33; — *Desmotrichum pallidiflorum* KRANZL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 31.
- 1851 **Flickingeria bancana** (J.J.SM) HAWKES; SEIDENFADEN, Dansk. Bot. Arkiv 34 (1980) 57; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 360; — *Dendrobium lonchophyllum* [non HOOK.f.] RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154, p.p.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 35, p.p.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 270, p.p.; — *Desmotrichum lonchophyllum* [non (HOOK.f.) KRANZL.] RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 29, p.p.
- 1852 **Flickingeria comata** (BL.) HAWKES; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 352; — *Dendrobium criniferum* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 36; — *Desmotrichum criniferum* LINDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 30; — *Dendrobium comatum* (BL.) LINDL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 266.

- 1853 **Flickingeria fimbriata** (BL.) HAWKES; SEIDENFADEN, Dansk Bot. Arkiv 34 (1980) 21; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 355; — *Dendrobium flabellum* RCHB. f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 36; HOLTUM 1st ed.; — *Desmotrichum fimbriatum* BL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 30; — *Dendrobium plicatile* LINDL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 267.
- 1854 **Flickingeria laciniosa** (RIDL.) HAWKES; SEIDENFADEN, Dansk Bot. Arkiv 34 (1980) 31; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 355; — *Dendrobium laciniosum* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 155; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 38; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 267; — *Desmotrichum fimbriatum* KRANZL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 31.
- 1855 **Flickingeria xantholeuca** (RCHB. f.) HAWKES; SEIDENFADEN, Dansk Bot. Arkiv 34 (1980) 56; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 359; — *Dendrobium lonchophyllum* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154, p.p.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 35, p.p.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 270, p.p.; — *Desmotrichum lonchophyllum* KRANZL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 29, p.p.
- 1856 **Galeola nudifolia** LOUR.; SEIDENFADEN, Dansk Bot. Arkiv 32 (1978) 134; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 130; — *G. hydra* RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 202; RIDLEY, Fl. Mal. Pen. 4 (1924) 202; — *G. kuhlii* (RCHB. f.) RCHB. f.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 39; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 99.
- 1857 **Gastrodia javanica** (BL.) LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; HENDERSON, Mal. Wild Fl. Monoc. (1954) 40; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 110; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 140; — *G. malayana* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 207; RIDLEY, Fl. Mal. Pen. 4 (1924) 207.
- 1858 **Grammatophyllum speciosum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 142; RIDLEY, Fl. Mal. Pen. 4 (1924) 149; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 527; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 557.
- 1859 **Habenaria singaporensis** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 228; RIDLEY, Fl. Mal. Pen. 4 (1924) 229; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 84; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 109.
- 1860 **Hetaeria nitida** RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 222; RIDLEY, Fl. Mal. Pen. 4 (1924) 222; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 116; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 95.
- 1861 **Hetaeria obliqua** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 222; RIDLEY, Fl. Mal. Pen. 4 (1924) 221; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 115; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 93.

- 1862 **Hylophila mollis** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 223; RIDLEY, Fl. Mal. Pen. 4 (1924) 223; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 119; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 57.
- 1863 **Lecanorchis malaccensis** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 206; RIDLEY, Fl. Mal. Pen. 4 (1924) 206; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 101; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 134.
- 1864 **Liparis elegans** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 24; RIDLEY, Fl. Mal. Pen. 4 (1924) 23; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 208; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 236.
- 1865 **Liparis ferruginea** LINDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 22; RIDLEY, Fl. Mal. Pen. 4 (1924) 20; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 203; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 233; — *L. nervosa*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154.
- 1866 **Liparis gibbosa** FINET; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 209; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 240; — *L. disticha* (*non* THOUARS) LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154, RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 26; RIDLEY, Fl. Mal. Pen. 4 (1924) 24.
- 1867 **Liparis tricallosa** RCHB.f.; RIDLEY, Fl. Mal. Pen. 4 (1924) 20; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 202; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 231; — *L. venosa auct., non* (THOU.) LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 22.
- 1868 **Liparis wrayi** HOOK.f.; RIDLEY, Fl. Mal. Pen. 4 (1924) 21; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 203; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 231.
- 1869 **Macodes petola** (BL.) LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 215; RIDLEY, Fl. Mal. Pen. 4 (1924) 215; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 117; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 98.
- 1870 **Malaxis latifolia** J.E. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 195; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 219; — *Microstylis congesta* (LINDL.) RCHB.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 154; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 4; RIDLEY, Fl. Mal. Pen. 4 (1924) 12.
- 1871 **Malaxis micrantha** (HOOK.f.) O. KTZE.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 197; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 225; — *Microstylis micrantha* HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 153; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 4; RIDLEY, Fl. Mal. Pen. 4 (1924) 12.

- 1872 **Micropera fuscolutea** (LINDL.) GARAY, Bot. Mus. Leafl. Harv. Univ. 23 (1972) 186; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 615; — *Sarcochilus adnatus* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 177; — *Saccolabium adnatum* (RIDL.) RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 174; — *Camarotis adnata* (RIDL.) HOLTUM; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 631.
- 1873 **Microsaccus ampullaceus** J.J. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 594; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 582.
- 1874 **Microsaccus griffithii** (PAR. & RCHB. f.) SEIDENFADEN, Op. Bot. 95 (1988) 25; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 581; — *M. brevifolius* J.J. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 594.
- 1875 **Microsaccus javensis** BL.: RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 172; RIDLEY, Fl. Mal. Pen. 4 (1924) 175; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 595; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 582.
- 1876 **Nephelaphyllum pulchrum** BL.: RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 116; RIDLEY, Fl. Mal. Pen. 4 (1924) 115; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 180; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 150.
- 1877 **Nervilia punctata** (BL.) MAKINO; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 106; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 135; — *Pogonia punctata* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 203; — *Aplostellis punctata* (BL.) RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 204.
- 1878 **Neuwiedia griffithii** RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 231; RIDLEY, Fl. Mal. Pen. 4 (1924) 296; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 64; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 34.
- 1879 **Neuwiedia veratrifolia** BL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 64; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 32; — *N. lindleyi* ROLFE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 231; RIDLEY, Fl. Mal. Pen. 4 (1924) 295.
- 1880 **Neuwiedia zollingeri** RCHB. f. var. **singaporeana** (BAK.) DE VOGEL; DE VOGEL, Blumea 17 (1969) 331; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 34; — *N. curtisii* ROLFE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 232; RIDLEY, Fl. Mal. Pen. 4 (1924) 297; — *N. singaporeana* ROLFE; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 64.
- 1881 **Oberonia anceps** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 153; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 18; RIDLEY, Fl. Mal. Pen. 4 (1924) 15; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 219; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 247.

- 1882 **Oberonia bertoldii** KING & PRANTL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 19; RIDLEY, Fl. Mal. Pen. 4 (1924) 17; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 225; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 251.
- 1883 **Oberonia ciliolata** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 153; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 19; RIDLEY, Fl. Mal. Pen. 4 (1924) 16; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 220; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 247.
- 1884 **Oberonia dissitiflora** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 153; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 218; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 245; — *O. lunata* (BL.) LINDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 16 (*in part*); RIDLEY, Fl. Mal. Pen. 4 (1924) 14 (*in part*).
- 1885 **Oberonia flabellifera** HOLTUM; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 222; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 253.
- 1886 **Oberonia lunata** (BL.) LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 153; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 16 (*in part*); RIDLEY, Fl. Mal. Pen. 4 (1924) 14 (*in part*); HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 223; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 256.
- 1887 **Oberonia miniata** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 153; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 18; RIDLEY, Fl. Mal. Pen. 4 (1924) 16; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 220; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 249.
- 1888 **Oberonia stenophylla** RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 17; RIDLEY, Fl. Mal. Pen. 4 (1924) 15; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 222; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 254.
- 1889 **Peristylus candidus** J.J.SM.; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 107; — *Habenaria lacertifera* (LINDL.) BENTH.; RIDLEY, Fl. Mal. Pen. 4 (1924) 230 (*in part*); — *Habenaria sumatrana* (SCHLTR.) SCHLTR.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 88.
- 1890 **Peristylus lacertiferus** (LINDL.) J.J.SM.; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 107; — *Habenaria lacertifera* (LINDL.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 227; RIDLEY, Fl. Mal. Pen. 4 (1924) 230, HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 88; — *Habenaria maingayi* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 164.
- 1891 **Phaius tankervilleae** (BANKS ex L'HÉRIT) BL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 172; COMBER, Orchids of Java (1990) 101; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 176; — *P. wallichii* LINDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 123.
- 1892 **Plocoglottis gigantea** (HOOK. f.) J.J. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 160; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 183; — *P. foetida* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 160; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 113; RIDLEY, Fl. Mal. Pen. 4 (1924) 144.

- 1893 **Plocoglottis javanica** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 113; RIDLEY, Fl. Mal. Pen. 4 (1924) 143; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 159; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 181.
- 1894 **Plocoglottis lowii** RCHB. f.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 160; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 181; — *P. porphyrophylla* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 113; RIDLEY, Fl. Mal. Pen. 4 (1924) 144.
- 1895 **Podochilus microphyllus** LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; RIDLEY, Fl. Mal. Pen. 4 (1924) 193; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 500; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 333; — *P. sciuroides* RCHB. f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 192.
- 1896 **Polystachya concreta** (JACQ.) GARAY & SWEET; SEIDENFADEN, Op. Bot. 95 (1988) 14; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 566; — *P. singapurensis* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 146; RIDLEY, Fl. Mal. Pen. 4 (1924) 152; — *P. penangensis* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 146; RIDLEY, Fl. Mal. Pen. 4 (1924) 152; — *P. siamensis* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 146; RIDLEY, Fl. Mal. Pen. 4 (1924) 152; — *P. flavescens* (BL.) J.J. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 546.
- 1897 **Pomatocalpa latifolium** (LINDL.) J.J. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 628; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 613; — *Saccolabium hortense* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 166; RIDLEY, Fl. Mal. Pen. 4 (1924) 167; — *Saccolabium latifolium* RIDL. var. *parviflorum* RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 166.
- 1898 **Pteroceras pallidum** (RIDL.) HOLTUM; PEDERSEN, Nord. J. Bot. 12 (1992) 388; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 675; — *Sarcophilus caligaris* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 175; RIDLEY, Fl. Mal. Pen. 4 (1924) 178; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 685.
- 1899 **Renanthera elongata** (BL.) LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 156; RIDLEY, Fl. Mal. Pen. 4 (1924) 160; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 634; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 593.
- 1900 **Renanthera histrionica** RCHB. f.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 634; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 596; — *Renantherella histrionica* (RCHB. f.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 157; RIDLEY, Fl. Mal. Pen. 4 (1924) 161.
- 1901 **Rhynchostylis gigantea** (LINDL.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 158; RIDLEY, Fl. Mal. Pen. 4 (1924) 163; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 704; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 661.

- 1902 **Robiquetia spathulata** (BL.) J.J. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 714; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 662; — *Cleisostoma spicatum* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; — *Saccolabium densiflorum* LINDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 167; RIDLEY, Fl. Mal. Pen. 4 (1924) 170.
- 1903 **Sarcostoma javanica** BL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 499; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 317; — *Ceratostylis cryptantha* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 110; RIDLEY, Fl. Mal. Pen. 4 (1924) 110; — *Ceratostylis linearis* RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 110.
- 1904 **Schoenorchis micrantha** RIENW. *ex* BL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 663; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 597; — *Saccolabium perpusillum* HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 164; RIDLEY, Fl. Mal. Pen. 4 (1924) 171.
- 1905 **Schoenorchis secundiflora** (RIDL.) J.J. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 662; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 597; — *Saccolabium secundiflorum* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 170; RIDLEY, Fl. Mal. Pen. 4 (1924) 173.
- 1906 **Spathoglottis plicata** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 117; RIDLEY, Fl. Mal. Pen. 4 (1924) 117; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 166; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 161.
- 1907 **Stereosandra javanica** BL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 224; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 108; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 143.
- 1908 **Taeniophyllum filiforme** J.J. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 593; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 579; — *T. macrorrhizum* RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 176.
- 1909 **Taeniophyllum obtusum** BL.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 592; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 577; — *T. serrula* HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 161, RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 173; RIDLEY, Fl. Mal. Pen. 4 (1924) 176.
- 1910 **Thelasis carinata** BL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 200; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 550; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 341; — *Oxyanthera elata* HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 200.
- 1911 **Thelasis micrantha** (BRONGN.) J.J. SMITH; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 551; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 341; — *Oxyanthera decurva* HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; — *Oxyanthera micrantha* BRONGN.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 200; — *T. decurva* HOOK.f.; RIDLEY, Fl. Mal. Pen. 4 (1924) 200.

- 1912 ***Thelasis pygmaea*** (GRIFF.) LINDL.; COMBER, Orchids of Java (1990) 211; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 341; — *T. elongata* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 199; RIDLEY, Fl. Mal. Pen. 4 (1924) 199; — *T. triptera* RCHB. f.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 550.
- 1913 ***Thrixspermum acuminatissimum*** (BL.) RCHB. f.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 600; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 639; — *T. notabile* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 183; RIDLEY, Fl. Mal. Pen. 4 (1924) 186.
- 1914 ***Thrixspermum amplexicaule*** (BL.) RCHB. f.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 602; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 645; — *T. lilacinum* RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 181; RIDLEY, Fl. Mal. Pen. 4 (1924) 184.
- 1915 ***Thrixspermum calceolus*** (LINDL.) RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 181; RIDLEY, Fl. Mal. Pen. 4 (1924) 184; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 604; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 645.
- 1916 ***Thrixspermum centipeda*** LOUR.; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 643; — *T. arachnites* (BL.) RCHB. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 182; RIDLEY, Fl. Mal. Pen. 4 (1924) 185; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 601.
- 1917 ***Thrixspermum ridleyanum*** SCHLTR.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 611; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 651; — *Dendrocolla maculata* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 186; RIDLEY, Fl. Mal. Pen. 4 (1924) 188.
- 1918 ***Thrixspermum scopa*** (HOOK. f.) HOLT.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 600; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 641.
- 1919 ***Thrixspermum trichoglottis*** (HOOK. f.) O. KTZE.; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 611; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 655; — *Dendrocolla trichoglottis* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 162; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 185; RIDLEY, Fl. Mal. Pen. 4 (1924) 187.
- 1920 ***Trichotosia gracilis*** (HOOK. f.) KRAENZL.; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 268; — *Eria oligantha* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 95; — *Eria gracilis* HOOK. f.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 95; HOLTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 362; — *T. velutina* KRZL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 101; — *T. oligantha* KRZL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 103.

- 1921 **Trichotosia velutina** (LODD. *ex* LINDL.) KRAENZL., RIDLEY, Fl. Mal. Pen. 4 (1924) 101; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 265; — *Eria velutina* LODD. *ex* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 94; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 361.
- 1922 **Trichotosia vestita** (LINDL.) KRAENZL., RIDLEY, Fl. Mal. Pen. 4 (1924) 100; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 262; — *Eria vestita* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 159; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 92; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 359.
- 1923 **Tropidia curculigoides** LINDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 209; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 143; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 53; — *T. squamata* BL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 209.
- 1924 **Vanilla griffithii** RCHB. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 201; RIDLEY, Fl. Mal. Pen. 4 (1924) 201; HENDERSON, Mal. Wild Fl. Monoc. (1954) 38; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 95; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 125.
- 1925 **Vrydagzynea albida** (BL.) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 211; RIDLEY, Fl. Mal. Pen. 4 (1924) 211; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 138; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 65.
- 1926 **Vrydagzynea lancifolia** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 210; RIDLEY, Fl. Mal. Pen. 4 (1924) 210; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 137; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 65.
- 1927 **Vrydagzynea tristriata** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 163; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 211; RIDLEY, Fl. Mal. Pen. 4 (1924) 211; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 138; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 65.
- 1928 **Zeuxine clandestina** BL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 1 (1907) 218; RIDLEY, Fl. Mal. Pen. 4 (1924) 217; HOLTTUM, Rev. Fl. Malaya 1, 3rd ed. (1964) 135; SEIDENFADEN & WOOD, Orchids of Pen. Mal. & Sing. (1992) 87.

OXALIDACEAE

- 1929 **Dapania racemosa** KORTH.; VELDKAMP, Fl. Males. I 7¹ (1971) 167; KENG, Conc. Fl. Sing. (1990) 96; — *D. scandens* STAPF; RIDLEY, Fl. Mal. Pen. 1 (1922) 334, SINCLAIR, Gard. Bull. Sing. 15 (1956) 23.
- A 1930 **Oxalis barrelieri** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 330; HENDERSON, Mal. Wild Fl. Dic. (1959) 47; VELDKAMP, Fl. Males. I 7¹ (1971) 155; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 96.

- A 1931 ***Oxalis corniculata*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 56; RIDLEY, Fl. Mal. Pen. 1 (1922) 330; HENDERSON, Mal. Wild Fl. Dic. (1959) 47; VELDKAMP, Fl. Males. I 7¹ (1971) 155; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 96.
- A 1932 ***Oxalis corymbosa*** DC.; RIDLEY, Fl. Mal. Pen. 1 (1922) 330; HENDERSON, Mal. Wild Fl. Dic. (1959) 47; VELDKAMP, Fl. Males. I 7¹ (1971) 159; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 96.
- 1933 ***Sarcotheca griffithii*** (PLANCH. *ex* HOOK. *f.*) HALL. *f.*; VELDKAMP, Fl. Males. I 7¹ (1971) 170; COCKBURN Tree Fl. Malaya 1 (1972) 349; KENG, Conc. Fl. Sing. (1990) 96; — *Connaropsis griffithii* PLANCH. *ex* HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 1 (1922) 332.
- 1934 ***Sarcotheca laxa*** (RIDL.) KNUTH *var. sericea* (RIDL.) VELDK.; VELDKAMP, Fl. Males. I 7¹ (1971) 171; — *Connaropsis macrophylla* auct., *non* KING, RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 56; — *Connaropsis glabra* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 332.

PALMAE

- 1935 ***Calamus densiflorus*** BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 196; RIDLEY, Fl. Mal. Pen. 5 (1925) 53; DRANSFIELD, Mal. Forest Rec. 29 (1979) 244; KENG, Gard. Bull. Sing. 40 (1987) 127.
- 1936 ***Calamus diepenhorstii*** MIQ.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 199; RIDLEY, Fl. Mal. Pen. 5 (1925) 55; DRANSFIELD, Mal. Forest Rec. 29 (1979) 246; KENG, Gard. Bull. Sing. 40 (1987) 127; — *C. singaporensis* BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 199.
- 1937 ***Calamus erinaceus*** (BECC.) DRANSF.; DRANSFIELD, Mal. Forest Rec. 29 (1979) 130; KENG, Gard. Bull. Sing. 40 (1987) 127; — *C. aquatilis* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 210; RIDLEY, Fl. Mal. Pen. 5 (1925) 63.
- 1938 ***Calamus insignis*** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 193; RIDLEY, Fl. Mal. Pen. 5 (1925) 51; DRANSFIELD, Mal. Forest Rec. 29 (1979) 212; KENG, Gard. Bull. Sing. 40 (1987) 127.
- 1939 ***Calamus javensis*** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Fl. Mal. Pen. 5 (1925) 49; DRANSFIELD, Mal. Forest Rec. 29 (1979) 198; KENG, Gard. Bull. Sing. 40 (1987) 127; — *C. pencillatus* (*non* ROXB.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 191.
- 1940 ***Calamus laevigatus*** MART.; DRANSFIELD, Mal. Forest Rec. 29 (1979) 138; KENG, Gard. Bull. Sing. 40 (1987) 127; — *C. pallidulus* BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 209; RIDLEY, Fl. Mal. Pen. 5 (1925) 62.

- 1941 ***Calamus lobbianus*** BECC.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 204; RIDLEY, Fl. Mal. Pen. 5 (1925) 59; DRANSFIELD, Mal. Forest Rec. 29 (1979) 190; KENG, Gard. Bull. Sing. 40 (1987) 127.
- 1942 ***Calamus luridus*** BECC.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 198; RIDLEY, Fl. Mal. Pen. 5 (1925) 56; DRANSFIELD, Mal. Forest Rec. 29 (1979) 237; KENG, Gard. Bull. Sing. 40 (1987) 128; — *C. laxiflorus* BECC.; RIDLEY, Fl. Mal. Pen. 5 (1925) 56; — *C. distans* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 56.
- 1943 ***Calamus ornatus*** BECC.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 195; RIDLEY, Fl. Mal. Pen. 5 (1925) 53; DRANSFIELD, Mal. Forest Rec. 29 (1979) 201; KENG, Gard. Bull. Sing. 40 (1987) 128.
- 1944 ***Calamus oxleyanus*** TEIJSM. & BINNEND.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 208; RIDLEY, Fl. Mal. Pen. 5 (1925) 62; DRANSFIELD, Mal. Forest Rec. 29 (1979) 148; KENG, Gard. Bull. Sing. 40 (1987) 128.
- 1945 ***Calamus ridleyanus*** BECC.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 197; RIDLEY, Fl. Mal. Pen. 5 (1925) 54; DRANSFIELD, Mal. Forest Rec. 29 (1979) 246; KENG, Gard. Bull. Sing. 40 (1987) 128; — ?*C. "sp. near radulosus"*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175.
- 1946 ***Caryota mitis*** LOUR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 174; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 157; RIDLEY, Fl. Mal. Pen. 5 (1925) 21; WHITMORE, Palms of Malaya (1977) 44; KENG, Gard. Bull. Sing. 40 (1987) 128.
- A 1947 ***Cocos nucifera*** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 176; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 132; RIDLEY, Fl. Mal. Pen. 5 (1925) 7; WHITMORE, Palms of Malaya (1977) 48.
- 1948 ***Cyrtostachys renda*** BL.; KENG, Gard. Bull. Sing. 40 (1987) 128; — *C. lakka* BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 173; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 149; RIDLEY, Fl. Mal. Pen. 5 (1925) 17; WHITMORE, Palms of Malaya (1977) 53.
- 1949 ***Daemonorops angustifolia*** (GRIFF.) MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 174; RIDLEY, Fl. Mal. Pen. 5 (1925) 36; DRANSFIELD, Mal. Forest Rec. 29 (1979) 78; KENG, Gard. Bull. Sing. 40 (1987) 128; — *D. hygrophilus* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; — *D. carcharodon* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 178; RIDLEY, Fl. Mal. Pen. 5 (1925) 40.
- 1950 ***Daemonorops didymophylla*** BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 180; RIDLEY, Fl. Mal. Pen. 5 (1925) 41; DRANSFIELD, Mal. Forest Rec. 29 (1979) 90; KENG, Gard. Bull. Sing. 40 (1987) 128; — *D. cochleatus* T. & B.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 176.
- 1951 ***Daemonorops geniculata*** (GRIFF.) MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 184; RIDLEY, Fl. Mal. Pen. 5 (1925) 44; DRANSFIELD, Mal. Forest Rec. 29 (1979) 107.

- 1952 **Daemonorops grandis** (GRIFF.) MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 177; RIDLEY, Fl. Mal. Pen. 5 (1925) 38; DRANSFIELD, Mal. Forest Rec. 29 (1979) 80; KENG, Gard. Bull. Sing. 40 (1987) 128; — *D. intermedia* (GRIFF.) MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175.
- 1953 **Daemonorops hystrix** (GRIFF.) MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 182; RIDLEY, Fl. Mal. Pen. 5 (1925) 42; DRANSFIELD, Mal. Forest Rec. 29 (1979) 101; KENG, Gard. Bull. Sing. 40 (1987) 129.
- 1954 **Daemonorops kunstleri** BECC.; RIDLEY, Fl. Mal. Pen. 5 (1925) 43; DRANSFIELD, Mal. Forest Rec. 29 (1979) 104.
- 1955 **Daemonorops leptopus** (GRIFF.) MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 182; RIDLEY, Fl. Mal. Pen. 5 (1925) 42; DRANSFIELD, Mal. Forest Rec. 29 (1979) 96; KENG, Gard. Bull. Sing. 40 (1987) 129; — *D. propinquus* (non BECC.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 175.
- 1956 **Daemonorops lewisiana** (GRIFF.) MART.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 176; RIDLEY, Fl. Mal. Pen. 5 (1925) 38; DRANSFIELD, Mal. Forest Rec. 29 (1979) 85; — *D. pseudosepal* BECC.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 180; RIDLEY, Fl. Mal. Pen. 5 (1925) 40.
- 1957 **Daemonorops longipes** (GRIFF.) MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 176; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 184; RIDLEY, Fl. Mal. Pen. 5 (1925) 44; DRANSFIELD, Mal. Forest Rec. 29 (1979) 117; KENG, Gard. Bull. Sing. 40 (1987) 129.
- 1958 **Daemonorops micracantha** (GRIFF.) BECC.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 180; RIDLEY, Fl. Mal. Pen. 5 (1925) 41; DRANSFIELD, Mal. Forest Rec. 29 (1979) 96; KENG, Gard. Bull. Sing. 40 (1987) 129.
- 1959 **Daemonorops periacantha** MIQ.; RIDLEY, Fl. Mal. Pen. 5 (1925) 44; DRANSFIELD, Mal. Forest Rec. 29 (1979) 117; KENG, Gard. Bull. Sing. 40 (1987) 129; — *D. dissitophylla* BECC.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 183.
- 1960 **Daemonorops sabut** BECC.; RIDLEY, Fl. Mal. Pen. 5 (1925) 46; DRANSFIELD, Mal. Forest Rec. 29 (1979) 109.
- 1961 **Eleiodoxa conferta** (GRIFF.) BURRET; UHL & DRANSFIELD, Genera Palmarum (1987) 249; — *Salacca conferta* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 176; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 169; RIDLEY, Fl. Mal. Pen. 5 (1925) 32 (“*Zalacca*”); WHITMORE, Palms of Malaya (1977) 106; KENG, Gard. Bull. Sing. 40 (1987) 132.
- 1962 **Iguanura wallichiana** (WALL. ex MART.) HOOK. f.; KIEW, Gard. Bull. Sing. 28 (1976) 216; — *I. geonomaeformis* GRIFF. ex MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 173; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 151; RIDLEY, Fl. Mal. Pen. 5 (1925) 13; WHITMORE, Palms of Malaya (1977) 63; KENG, Gard. Bull. Sing. 40 (1987) 129; — *I. malaccensis* BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 173.

- 1963 **Korthalsia echinometra** BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 176; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 215; RIDLEY, Fl. Mal. Pen. 5 (1925) 68; DRANSFIELD, Mal. Forest Rec. 29 (1979) 47; DRANSFIELD, Kew Bull. 36 (1981) 188; KENG, Gard. Bull. Sing. 40 (1987) 129.
- 1964 **Korthalsia laciniosa** (GRIFF.) MART.; DRANSFIELD, Kew Bull. 36 (1981) 179; — *K. grandis* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 217; RIDLEY, Fl. Mal. Pen. 5 (1925) 69; DRANSFIELD, Mal. Forest Rec. 29 (1979) 40; KENG, Gard. Bull. Sing. 40 (1987) 129; — *K. wallichiaefolia* (GRIFF.) H. WENDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 217; RIDLEY, Fl. Mal. Pen. 5 (1925) 69.
- 1965 **Korthalsia rigida** BL.; DRANSFIELD, Kew Bull. 36 (1981) 172; KENG, Gard. Bull. Sing. 40 (1987) 129; — *K. polystachya* MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 176; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 218; RIDLEY, Fl. Mal. Pen. 5 (1925) 69.
- 1966 **Korthalsia rostrata** BL.; DRANSFIELD, Kew Bull. 36 (1981) 184; — *K. scaphigera* GRIFF. ex MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 176; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 216; RIDLEY, Fl. Mal. Pen. 5 (1925) 68; DRANSFIELD, Mal. Forest Rec. 29 (1979) 47; KENG, Gard. Bull. Sing. 40 (1987) 129.
- 1967 **Korthalsia scortechinii** BECC.; RIDLEY, Fl. Mal. Pen. 5 (1925) 68; DRANSFIELD, Mal. Forest Rec. 29 (1979) 50; DRANSFIELD, Kew Bull. 36 (1981) 189; — *K. flagellaris* (non MIQ.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 176.
- 1968 **Licuala ferruginea** BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 174; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 162; RIDLEY, Fl. Mal. Pen. 5 (1925) 26; KENG, Gard. Bull. Sing. 40 (1987) 130.
- 1969 **Licuala spinosa** WURMB; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 174; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 160; RIDLEY, Fl. Mal. Pen. 5 (1925) 25; WHITMORE, Palms of Malaya (1977) 70; KENG, Gard. Bull. Sing. 40 (1987) 130.
- 1970 **Licuala triphylla** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 174; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 163; RIDLEY, Fl. Mal. Pen. 5 (1925) 28; KENG, Gard. Bull. Sing. 40 (1987) 130.
- 1971 **Myrialepis paradoxa** (KURZ) DRANSFIELD, Kew Bull. 37 (1982) 242; — *M. scortechinii* BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 176; WHITMORE, Palms of Malaya (1977) 79; DRANSFIELD, Mal. Forest Rec. 29 (1979) 68; KENG, Gard. Bull. Sing. 40 (1987) 130; — *Plectocomiopsis scortechinii* (BECC.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 213; RIDLEY, Fl. Mal. Pen. 5 (1925) 67; — *Plectocomiopsis annulata* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 213; RIDLEY, Fl. Mal. Pen. 5 (1925) 66.
- 1972 **Nenga pumila** (MART.) WENDL. var. **pachystachya** (BL.) E. FERNANDO, Principes 27 (1983) 61; — *N. wendlandiana* SCHEFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 173; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 144; RIDLEY, Fl. Mal. Pen. 5 (1925) 12; — *N. pumila*; WHITMORE, Palms of Malaya (1977) 79; KENG, Gard. Bull. Sing. 40 (1987) 130.

- 1973 ***Nypa fruticans*** WURMB; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 174; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 158; RIDLEY, Fl. Mal. Pen. 5 (1925) 71 ("*Nipa*"); WHITMORE, Palms of Malaya (1977) 81; KENG, Gard. Bull. Sing. 40 (1987) 131.
- 1974 ***Oncosperma horridum*** (GRIFF.) SCHEFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 173; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 147; RIDLEY, Fl. Mal. Pen. 5 (1925) 16; WHITMORE, Palms of Malaya (1977) 82; KENG, Gard. Bull. Sing. 40 (1987) 131.
- 1975 ***Oncosperma tigillarum*** (JACK) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 173; WHITMORE, Palms of Malaya (1977) 83; KENG, Gard. Bull. Sing. 40 (1987) 131; — *O. filamentosa* BL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 147; RIDLEY, Fl. Mal. Pen. 5 (1925) 16.
- 1976 ***Orania sylvicola*** (GRIFF.) H.E. MOORE; WHITMORE, Palms of Malaya (1977) 84; — *O. macrocladus* MART.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 174; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 145; RIDLEY, Fl. Mal. Pen. 5 (1925) 17.
- 1977 ***Pholidocarpus kingianus*** (BECC.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 167; RIDLEY, Fl. Mal. Pen. 5 (1925) 24; DRANSFIELD & Uhl, Kew Bull. 38 (1983) 198; — *Livistona kingiana* BECC., J. Str. Br. R. As. soc. 33 (1900) 174; WHITMORE, Palms of Malaya (1977) 72; KENG, Gard. Bull. Sing. 40 (1987) 130.
- 1978 ***Pinanga disticha*** BL. *ex* WENDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 172; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 132; RIDLEY, Fl. Mal. Pen. 5 (1925) 7; WHITMORE, Palms of Malaya (1977) 91; KENG, Gard. Bull. Sing. 40 (1987) 131.
- 1979 ***Pinanga limosa*** RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 140; RIDLEY, Fl. Mal. Pen. 5 (1925) 8; WHITMORE, Palms of Malaya (1977) 91; KENG, Gard. Bull. Sing. 40 (1987) 131.
- 1980 ***Pinanga malaiana*** (MART.) SCHEFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 173; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 142; RIDLEY, Fl. Mal. Pen. 5 (1925) 10; WHITMORE, Palms of Malaya (1977) 91; KENG, Gard. Bull. Sing. 40 (1987) 131.
- 1981 ***Pinanga pectinata*** BECC.; WHITMORE, Principes 14 (1970) 125; — *P. singaporensis* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 144; RIDLEY, Fl. Mal. Pen. 5 (1925) 11; KENG, Gard. Bull. Sing. 40 (1987) 131.
- 1982 ***Pinanga simplicifrons*** (MIQ.) BECC.; WHITMORE, Palms of Malaya (1977) 93; KENG, Gard. Bull. Sing. 40 (1987) 131.
- 1983 ***Pinanga subruminata*** BECC.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 140; RIDLEY, Fl. Mal. Pen. 5 (1925) 8; WHITMORE, Palms of Malaya (1977) 94; KENG, Gard. Bull. Sing. 40 (1987) 131.
- 1984 ***Plectocomia elongata*** MART. *ex* BL.; MADULID, Kalikasan 10 (1981) 45; — *P. griffithii* BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 176; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 220; RIDLEY, Fl. Mal. Pen. 5 (1925) 70; WHITMORE, Palms of Malaya (1977) 94; DRANSFIELD, Mal. Forest Rec. 29 (1979) 55; KENG, Gard. Bull. Sing. 40 (1987) 131.

- 1985 **Rhopaloblaste singaporensis** (BECC.) HOOK. f.; H.E. MOORE, *Principes* 14 (1970) 88; — *Ptychosperma singaporensis* (BECC.) BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 173; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 148; RIDLEY, Fl. Mal. Pen. 5 (1925) 18; WHITMORE, *Palms of Malaya* (1977) 97; KENG, Gard. Bull. Sing. 40 (1987) 132.
- 1986 **Salacca affinis** GRIFF.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 169; RIDLEY, Fl. Mal. Pen. 5 (1925) 32 ("*Zalacca*"); WHITMORE, *Palms of Malaya* (1977) 105; KENG, Gard. Bull. Sing. 40 (1987) 132.

PANDANACEAE

- 1987 **Freycinetia angustifolia** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 172; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 232; RIDLEY, Fl. Mal. Pen. 5 (1925) 82; HENDERSON, Mal. Wild Fl. Monoc. (1954) 209; STONE, Gard. Bull. Sing. 25 (1970) 197; — *F. malaccensis* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 233; RIDLEY, Fl. Mal. Pen. 5 (1925) 83.
- 1988 **Freycinetia confusa** RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 233; RIDLEY, Fl. Mal. Pen. 5 (1925) 82; STONE, Gard. Bull. Sing. 25 (1970) 203.
- 1989 **Freycinetia corneri** B.C. STONE; STONE, Gard. Bull. Sing. 25 (1970) 198.
- 1990 **Freycinetia javanica** BL.; HENDERSON, Mal. Wild Fl. Monoc. (1954) 210; STONE, Gard. Bull. Sing. 25 (1970) 195; — *F. lucens* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 233; RIDLEY, Fl. Mal. Pen. 5 (1925) 83; — *F. montana* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 234; RIDLEY, Fl. Mal. Pen. 5 (1925) 83.
- 1991 **Freycinetia sumatrana** HEMSLEY; STONE, Gard. Bull. Sing. 25 (1970) 199; — "*F. insignis* Bl. ?"; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 172; — *F. valida* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 234; RIDLEY, Fl. Mal. Pen. 5 (1925) 83; HENDERSON, Mal. Wild Fl. Monoc. (1954) 209.
- 1992 **Pandanus affinis** KURZ; STONE, Fed. Mus. J. 23 (1978) 13; — *P. aurantiacus* RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 231; RIDLEY, Fl. Mal. Pen. 5 (1925) 81.
- 1993 **Pandanus atroparpus** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 170; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 230; RIDLEY, Fl. Mal. Pen. 5 (1925) 80; STONE, Malay. Nat. J. 21 (1968) 135; STONE, Fed. Mus. J. 23 (1978) 26.
- 1994 **Pandanus houlettii** CARRIÈRE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 171; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 224; RIDLEY, Fl. Mal. Pen. 5 (1925) 74; STONE, Malay. Nat. J. 21 (1968) 128; STONE, Fed. Mus. J. 28 (1982) 26.
- 1995 **Pandanus monotheca** MART.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 228; RIDLEY, Fl. Mal. Pen. 5 (1925) 79; STONE, Fed. Mus. J. 23 (1978) 26; — *P. ornatus* (GAUD.) KURZ, *nom. illeg.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 171; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 229; RIDLEY, Fl. Mal. Pen. 5 (1925) 80.

- 1996 **Pandanus odoratissimus** L. f.; STONE, Gard. Bull. Sing. 22 (1967) 236; — *P. fascicularis* LAM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 171; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 223; RIDLEY, Fl. Mal. Pen. 5 (1925) 73.
- 1997 **Pandanus parvus** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 171; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 227; RIDLEY, Fl. Mal. Pen. 5 (1925) 78; STONE, Malay. Nat. J. 21 (1968) 136; STONE, Fed. Mus. J. 23 (1978) 39.
- 1998 **Pandanus polycephalus** LAMK.; STONE, Fed. Mus. J. 28 (1983) 115.
- 1999 **Pandanus rostratus** MARTELLI; STONE, Sandakania 2 (1993) 49; — *P. corneri* KANEHIRA; Stone, MALAY. NAT J. 21 (1968) 14.
- 2000 **Pandanus tetrodon** RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 75; STONE, Fed. Mus. J. 28 (1982) 83.
- 2001 **Pandanus yvanii** SOLMS.; STONE, Malay. Nat. J. 21 (1968) 132; — *P. militaris* WARB.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 227; RIDLEY, Fl. Mal. Pen. 5 (1925) 78.

PASSIFLORACEAE

- 2002 **Adenia macrophylla** (BL.) KOORD. var. **singaporeana** (WALL. ex G. DON) DE WILDE; DE WILDE, Fl. Males. I 7² (1972) 429; KENG, Conc. Fl. Sing. (1990) 42; — *Modecca singaporeana* (Wall. ex & DON) MAST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; — *A. singaporeana* (Wall. ex & DON) ENGL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 841; BURKILL, Dict. (1935) 48.
- A 2003 **Passiflora foetida** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 839; HENDERSON, Mal. Wild Fl. Dic. (1959) 151; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 42.
- A 2004 **Passiflora laurifolia** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 840; HENDERSON, Mal. Wild Fl. Dic. (1959) 152; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 42.
- A 2005 **Passiflora suberosa** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 840; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 43; — *P. minima* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 87.

PEDALIACEAE

- A 2006 **Sesamum orientale** L.; BURKILL, Dict. (1935) 1994; HENDERSON, Mal. Wild Fl. Dic. (1959) 363; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 185; — *S. indicum* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 120; RIDLEY, Fl. Mal. Pen. 2 (1923) 553; BACKER, Fl. Males. I 4³ (1951) 217.
- A 2007 **Sesamum radiatum** SCHUM.; BACKER, Fl. Males. I 4³ (1951) 218; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 131.

PENTAPHRAGMATACEAE

- 2008 **Pentaphragma ellipticum** POULSEN; KIEW, Malay. Nat. J. 43 (1989) 6; — *P. begoniifolium* [non (ROXB. ex JACK) WALL. ex G. DON] RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 103 ("*begoniaefolium*"); — *P. scortechinii* auct., non K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 203 (Singapore specimens); — *P. ridleyi* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 202; KENG, Conc. Fl. Sing. (1990) 165; — *P. horsfieldii* sensu KENG, non (MIQ.) AIRY SHAW; KENG, Conc. Fl. Sing. (1990) 165; — *P. x ellipticum* POULSEN; AIRY SHAW, Fl. Males. I 4⁴ (1953) 527.

PHILYDRACEAE

- 2009 **Philydrum lanuginosum** BANKS & SOL. ex GAERTN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 169; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 110; RIDLEY, Fl. Mal. Pen. 4 (1924) 347; SKOTTSBERG, Fl. Males. I 4¹ (1948) 5; HENDERSON, Mal. Wild Fl. Monoc. (1954) 192; KENG, Gard. Bull. Sing. 39 (1986) 123.

PHYTOLACCACEAE

- A 2010 **Rivina humilis** L.; BURKILL, Dict. (1935) 1913; BACKER, Fl. Males. I 4³ (1951) 229; KENG, Conc. Fl. Sing. (1990) 59.

PIPERACEAE

- A 2011 **Peperomia pellucida** (L.) H.B.K.; RIDLEY, Fl. Mal. Pen. 3 (1924) 27; HENDERSON, Mal. Wild Fl. Dic. (1959) 436; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 62; — *P. exigua* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 128.
- 2012 **Piper caninum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 127; RIDLEY, Fl. Mal. Pen. 3 (1924) 38; HENDERSON, Mal. Wild Fl. Dic. (1959) 442; KENG, Conc. Fl. Sing. (1990) 62.
- 2013 **Piper chaba** HUNTER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 127; RIDLEY, Fl. Mal. Pen. 3 (1924) 40; KENG, Conc. Fl. Sing. (1990) 62.
- 2014 **Piper flavimarginatum** C. DC.; RIDLEY, Fl. Mal. Pen. 3 (1924) 31; KENG, Conc. Fl. Sing. (1990) 62.
- 2015 **Piper lanatum** ROXB.; RIDLEY, Fl. Mal. Pen. 3 (1924) 38; KENG, Conc. Fl. Sing. (1990) 62.
- 2016 **Piper maingayi** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 127; RIDLEY, Fl. Mal. Pen. 3 (1924) 31; KENG, Conc. Fl. Sing. (1990) 62.
- 2017 **Piper malaccense** C. DC.; RIDLEY, Fl. Mal. Pen. 3 (1924) 33; MAXWELL, Gard. Bull. Sing. 35 (1983) 197.
- 2018 **Piper miniatum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 127; RIDLEY, Fl. Mal. Pen. 3 (1924) 39; HENDERSON, Mal. Wild Fl. Dic. (1959) 440; KENG, Conc. Fl. Sing. (1990) 62.

- 2019 **Piper muricatum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 127; RIDLEY, Fl. Mal. Pen. 3 (1924) 32; HENDERSON, Mal. Wild Fl. Dic. (1959) 441; KENG, Conc. Fl. Sing. (1990) 62.
- 2020 **Piper pachyphyllum** HOOK. f.; RIDLEY, Fl. Mal. Pen. 3 (1924) 31; KENG, Conc. Fl. Sing. (1990) 62.
- 2021 **Piper pedicellosum** WALL. ex C. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 127; RIDLEY, Fl. Mal. Pen. 3 (1924) 34; MAXWELL, Gard. Bull. Sing. 35 (1983) 197; KENG, Conc. Fl. Sing. (1990) 62.
- 2022 **Piper porphyrophyllum** N.E. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 128; RIDLEY, Fl. Mal. Pen. 3 (1924) 45; KENG, Conc. Fl. Sing. (1990) 62.
- 2023 **Piper protractum** C. DC.; RIDLEY, Fl. Mal. Pen. 3 (1924) 33; KENG, Conc. Fl. Sing. (1990) 63.
- 2024 **Piper ribesoides** WALL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 34; HENDERSON, Mal. Wild Fl. Dic. (1959) 442; KENG, Conc. Fl. Sing. (1990) 63; — *P. sumatranum* C. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 127.
- 2025 **Piper sarmentosum** ROXB. ex HUNTER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 127; RIDLEY, Fl. Mal. Pen. 3 (1924) 40; KENG, Conc. Fl. Sing. (1990) 63.

PITTOSPORACEAE

- 2026 **Pittosporum ferrugineum** AIT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 44; RIDLEY, Fl. Mal. Pen. 1 (1922) 136; BURKILL, Dict. (1935) 1763; EJHC2 517; BAKKER & VAN STEENIS, Fl. Males. I 5³ (1957) 355; WHITMORE, Tree Fl. Malaya 2 (1973) 310; CORNER, Ways. Trees, 3rd ed. (1988) 607; KENG, Conc. Fl. Sing. (1990) 26.

PLANTAGINACEAE

- 2027 **Plantago major** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 125; HENDERSON, Mal. Wild Fl. Dic. (1959) 268; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 140; — *P. asiatica* MICHX.; RIDLEY, Fl. Mal. Pen. 2 (1923) 225.

PLUMBAGINACEAE

- 2028 **Plumbago zeylanica** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 103; RIDLEY, Fl. Mal. Pen. 2 (1923) 225; VAN STEENIS, Fl. Males. I 4² (1949) 109; HENDERSON, Mal. Wild Fl. Dic. (1959) 266; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 139.

POLYGALACEAE

- 2029 **Polygala glaucoides** L.; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 480; — *P. brachystachya* (non DC.) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 44; RIDLEY, Fl. Mal. Pen. 1 (1922) 139; HENDERSON, Mal. Wild Fl. Dic. (1959) 31; KENG, Conc. Fl. Sing. (1990) 103.

- A 2030 ***Polygala paniculata*** L.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 31; CORLETT, J. Biogeog. (1988) 662; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 475; KENG, Conc. Fl. Sing. (1990) 103.
- 2031 ***Salomonina cantoniensis*** LOUR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 45; RIDLEY, Fl. Mal. Pen. 1 (1922) 139; HENDERSON, Mal. Wild Fl. Dic. (1959) 28; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 487; KENG, Conc. Fl. Sing. (1990) 103.
- 2032 ***Xanthophyllum affine*** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 45; RIDLEY, Fl. Mal. Pen. 1 (1922) 143, *p.p.*; BURKILL, Dict. (1935) 2268; *p.p.*; NG, Tree Fl. Malaya 1 (1972) 354, *p.p.*; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 487; KENG, Conc. Fl. Sing. (1990) 104.
- 2033 ***Xanthophyllum discolor*** CHODAT; RIDLEY, Fl. Mal. Pen. 1 (1922) 147; BURKILL, Dict. (1935) 2268; NG, Tree Fl. Malaya 1 (1972) 356; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 520; KENG, Conc. Fl. Sing. (1990) 104.
- 2034 ***Xanthophyllum ellipticum*** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 45; NG, Tree Fl. Malaya 1 (1972) 357; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 530; KENG, Conc. Fl. Sing. (1990) 104; — *X. kingii* CHODAT; RIDLEY, Fl. Mal. Pen. 1 (1922) 143; BURKILL, Dict. (1935) 2268.
- 2035 ***Xanthophyllum eurhynchum*** MIQ.; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 524 (*ssp. maingayi* (HOOK. *f. ex* BENN.) MEIJDEN); — *X. palembanicum* (*non* MIQ.) KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 45; RIDLEY, Fl. Mal. Pen. 1 (1922) 149; BURKILL, Dict. (1935) 2269; — *X. verrucosum* CHODAT; RIDLEY, Fl. Mal. Pen. 1 (1922) 147; — *X. maingayi* HOOK. *f. ex* BENN.; NG, Tree Fl. Malaya 1 (1972) 360; KENG, Conc. Fl. Sing. (1990) 104.
- 2036 ***Xanthophyllum griffithii*** HOOK. *f. ex* BENN. *ssp. erectum* MEIJDEN; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 514; — *X. griffithii* HOOK. *f. ex* BENN.; RIDLEY, Fl. Mal. Pen. 1 (1922) 149, *p.p.*; BURKILL, Dict. (1935) 2269, *p.p.*; NG, Tree Fl. Malaya 1 (1972) 357, *var. griffithii* only.
- 2037 ***Xanthophyllum obscurum*** BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 45; RIDLEY, Fl. Mal. Pen. 1 (1922) 144; NG, Tree Fl. Malaya 1 (1972) 361; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 536; KENG, Conc. Fl. Sing. (1990) 104; — *X. scortechinii* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 143; BURKILL, Dict. (1935) 2268; NG, Tree Fl. Malaya 1 (1972) 363.
- 2038 ***Xanthophyllum stipitatum*** BENN.; RIDLEY, Fl. Mal. Pen. 1 (1922) 145; BURKILL, Dict. (1935) 2268; NG, Tree Fl. Malaya 1 (1972) 363; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 535; KENG, Conc. Fl. Sing. (1990) 104.
- 2039 ***Xanthophyllum vitellinum*** (BL.) DIETR.; VAN DER MEIJDEN, Fl. Males. I 10³ (1988) 514; — *X. kunstleri* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 45; BURKILL, Dict. (1935) 2268; NG, Tree Fl. Malaya 1 (1972) 359; — *X. curtisii* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 146; — *X. griffithii* *var. curtisii* (KING) NG; NG, Tree Fl. Malaya 1 (1972) 359.

- 2040 **Xanthophyllum wrayi** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 148; BURKILL, Dict. (1935) 2268; NG, Tree Fl. Malaya 1 (1972) 363; VAN DER MEUDEN, Fl. Males. I 10³ (1988) 514.

POLYGONACEAE

- 2041 **Polygonum barbatum** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 126; RIDLEY, Fl. Mal. Pen. 3 (1924) 11; HENDERSON, Mal. Wild Fl. Dic. (1959) 419; KENG, Conc. Fl. Sing. (1990) 61.
- A 2042 **Polygonum chinense** L.; RIDLEY, Fl. Mal. Pen. 3 (1924) 12; HENDERSON, Mal. Wild Fl. Dic. (1959) 419; SINCLAIR, Gard. Bull. Sing. 14 (1953) 35; KENG, Conc. Fl. Sing. (1990) 61.
- A 2043 **Polygonum orientale** L.; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 131.

PONTEDERIACEAE

- A 2044 **Eichhornia crassipes** (MART.) SOLMS.; BURKILL, Dict. (1935) 891; BACKER, Fl. Males. I 4³ (1951) 259; HENDERSON, Mal. Wild Fl. Monoc. (1954) 190; KENG, Gard. Bull. Sing. 40 (1987) 122; CORLETT, J. Biogeog. (1988) 663.
- 2045 **Monochoria hastata** (L.) SOLMS.; BURKILL, Dict. (1935) 1489; BACKER, Fl. Males. I 4³ (1951) 258; HENDERSON, Mal. Wild Fl. Monoc. (1954) 189; KENG, Gard. Bull. Sing. 40 (1987) 122; — *M. hastaefolia* PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 169; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 109; RIDLEY, Fl. Mal. Pen. 4 (1924) 344.
- 2046 **Monochoria vaginalis** (BURM.f.) PRESL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 169; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 109; RIDLEY, Fl. Mal. Pen. 4 (1924) 346; BURKILL, Dict. (1935) 1489; BACKER, Fl. Males. I 4³ (1951) 256; HENDERSON, Mal. Wild Fl. Monoc. (1954) 189; KENG, Gard. Bull. Sing. 40 (1987) 122.

PORTULACACEAE

- A 2047 **Portulaca oleracea** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 45; RIDLEY, Fl. Mal. Pen. 1 (1922) 151; HENDERSON, Mal. Wild Fl. Dic. (1959) 33; GEESINK, Fl. Males. I 7¹ (1971) 129; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 60.
- A 2048 **Portulaca pilosa** L.; HENDERSON, Mal. Wild Fl. Dic. (1959) 33; SINCLAIR, Gard. Bull. Sing. 14 (1953) 31; GEESINK, Fl. Males. I 7¹ (1971) 131; CORLETT, J. Biogeog. (1988) 662.
- A 2049 **Portulaca quadrifida** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 46; RIDLEY, Fl. Mal. Pen. 1 (1922) 151; HENDERSON, Mal. Wild Fl. Dic. (1959) 34; GEESINK, Fl. Males. I 7¹ (1971) 127; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 60.
- A 2050 **Talinum paniculatum** (JACQ.) GAERTN.; GEESINK, Fl. Males. I 7¹ (1971) 124; KENG, Conc. Fl. Sing. (1990) 60; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 131.

PROTEACEAE

- 2051 **Helicia excelsa** (ROXB.) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 132; RIDLEY, Fl. Mal. Pen. 3 (1924) 143 (*incl. vars.*); BURKILL, Dict. (1935) 1133; SLEUMER, Fl. Males. 5(2) 174; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 315; KENG, Conc. Fl. Sing. (1990) 61.
- 2052 **Helicia petiolaris** BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 132; RIDLEY, Fl. Mal. Pen. 3 (1924) 141; BURKILL, Dict. (1935) 1134; SLEUMER, Fl. Males. 5(2) 188; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 315; KENG, Conc. Fl. Sing. (1990) 62.
- 2053 **Helicia robusta** (ROXB.) R. BR. *ex* WALL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 142; SLEUMER, Fl. Males. 5(2) 184; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 315; KENG, Conc. Fl. Sing. (1990) 62; — *H. javanica* BL.; BURKILL, Dict. (1935) 1133.

RHAMNACEAE

- 2054 **Colubrina asiatica** L. *ex* BRONGN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; RIDLEY, Fl. Mal. Pen. 1 (1922) 465; LATIFF, Tree Fl. Malaya 4 (1989) 298; KENG, Conc. Fl. Sing. (1990) 116.
- 2055 **Smythea lanceata** SUMMERH.; KENG, Conc. Fl. Sing. (1990) 116; — *S. reticulata* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; — *S. pacifica* SEEM.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87; RIDLEY, Fl. Mal. Pen. 1 (1922) 468.
- 2056 **Ventilago malaccensis** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 46; KENG, Conc. Fl. Sing. (1990) 116; — *V. leiocarpa* LAWS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 63.
- 2057 **Ziziphus calophylla** WALL. *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 63; RIDLEY, Fl. Mal. Pen. 1 (1922) 463; LATIFF, Tree Fl. Malaya 4 (1989) 300; KENG, Conc. Fl. Sing. (1990) 116.
- 2058 **Ziziphus elegans** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 63; RIDLEY, Fl. Mal. Pen. 1 (1922) 463; LATIFF, Tree Fl. Malaya 4 (1989) 300.
- 2059 **Ziziphus horsfieldii** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 34 (1900) 63; RIDLEY, Fl. Mal. Pen. 1 (1922) 463; LATIFF, Tree Fl. Malaya 4 (1989) 300.
- 2060 **Ziziphus oenoplia** MILL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 63; RIDLEY, Fl. Mal. Pen. 1 (1922) 462; CORNER, Ways. Trees, 3rd ed. (1988) 610; LATIFF, Tree Fl. Malaya 4 (1989) 300; KENG, Conc. Fl. Sing. (1990) 117.

RHIZOPHORACEAE

- 2061 **Anisophyllea disticha** (JACK) BAILL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 701; CORNER, Ways. Trees 1st ed. (1940) 122; DING HOU; Fl. Males. I 5⁴ (1958) 479; CORNER, Ways. Trees, 3rd ed. (1988) 132; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 307; KENG, Conc. Fl. Sing. (1990) 73.

- 2062 **Anisophyllea griffithii** OLIV.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 702; CORNER, Ways. Trees 1st ed. (1940) 124; DING HOU; Fl. Males. I 5⁴ (1958) 476; CORNER, Ways. Trees, 3rd ed. (1988) 134; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 307; KENG, Conc. Fl. Sing. (1990) 73.
- 2063 **Bruguiera cylindrica** (L.) BL.; DING HOU, Fl. Males. I 5⁴ (1958) 467; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 310; KENG, Conc. Fl. Sing. (1990) 73; — *B. caryophylloides* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 695; WATSON, Mal. For. Rec. 6 (1928) 43.
- 2064 **Bruguiera gymnorrhiza** (L.) LAMK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 695; WATSON, Mal. For. Rec. 6 (1928) 42; DING HOU, Fl. Males. I 5⁴ (1958) 461; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 310; KENG, Conc. Fl. Sing. (1990) 74.
- 2065 **Bruguiera parviflora** (ROXB.) W. & A. *ex* GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 695; WATSON, Mal. For. Rec. 6 (1928) 111; DING HOU, Fl. Males. I 5⁴ (1958) 464; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 310; KENG, Conc. Fl. Sing. (1990) 74.
- 2066 **Bruguiera sexangula** (LOUR.) POIR.; DING HOU, Fl. Males. I 5⁴ (1958) 463; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 312; KENG, Conc. Fl. Sing. (1990) 74; — *B. eriopetala* W. & A. *ex* ARN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 695; WATSON, Mal. For. Rec. 6 (1928) 109.
- 2067 **Carallia brachiata** (LOUR.) MERR.; DING HOU, Fl. Males. I 5⁴ (1958) 485; KOCHUMMEN, CORNER, Ways. Trees, 3rd ed. (1988) 612; Tree Fl. Malaya 4 (1989) 313; KENG, Conc. Fl. Sing. (1990) 74; — *C. scortechinii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 697; — *C. integerrima* DC.; RIDLEY, Fl. Mal. Pen. 1 (1922) 696; — *C. spinulosa* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 698; — *C. lucida* ROXB.; CORNER, Ways. Trees 1st ed. (1940) 522.
- 2068 **Ceriops tagal** (PERS.) C.B. ROBINS; DING HOU; Fl. Males. I 5⁴ (1958) 469; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 316; KENG, Conc. Fl. Sing. (1990) 74; — *C. candolliana* ARN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 694; WATSON, Mal. For. Rec. 6 (1928) 46.
- 2069 **Gynotroches axillaris** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 698; CORNER, Ways. Trees 1st ed. (1940) 522; DING HOU; Fl. Males. I 5⁴ (1958) 488; CORNER, Ways. Trees, 3rd ed. (1988) 613; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 317; KENG, Conc. Fl. Sing. (1990) 74.
- 2070 **Kandelia candel** (L.) DRUCE; DING HOU; Fl. Males. I 5⁴ (1958) 473; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 319; KENG, Conc. Fl. Sing. (1990) 74; — *K. rheedei* W. & A.; RIDLEY, Fl. Mal. Pen. 1 (1922) 694; WATSON, Mal. For. Rec. 6 (1928) 49.
- 2071 **Pellacalyx axillaris** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 699; CORNER, Ways. Trees 1st ed. (1940) 523; DING HOU; Fl. Males. I 5⁴ (1958) 493; CORNER, Ways. Trees, 3rd ed. (1988) 614; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 320; KENG, Conc. Fl. Sing. (1990) 74.

- 2072 **Pellacalix saccardianus** SCORT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 79; RIDLEY, Fl. Mal. Pen. 1 (1922) 699; CORNER, Ways. Trees 1st ed. (1940) 524; DING HOU; Fl. Males. I 5⁴ (1958) 491; CORNER, Ways. Trees, 3rd ed. (1988) 615; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 320; KENG, Conc. Fl. Sing. (1990) 74.
- 2073 **Rhizophora apiculata** BL.; DING HOU; Fl. Males. I 5⁴ (1958) 452; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 322; KENG, Conc. Fl. Sing. (1990) 74; — *R. conjugata* (*non* L.) ARN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 693; WATSON, Mal. For. Rec. 6 (1928) 27.
- 2074 **Rhizophora mucronata** LAM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 693; WATSON, Mal. For. Rec. 6 (1928) 27; DING HOU; Fl. Males. I 5⁴ (1958) 453; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 322; KENG, Conc. Fl. Sing. (1990) 74.
- 2075 **Rhizophora stylosa** GRIFF.; RIDLEY, Fl. Mal. Pen. 1 (1922) 693; DING HOU; Fl. Males. I 5⁴ (1958) 456; KOCHUMMEN, Tree Fl. Malaya 4 (1989) 323; KENG, Conc. Fl. Sing. (1990) 74.

ROSACEAE

- A 2076 **Duchesnea indica** (ANDREWS) FOCKE; KENG, Conc. Fl. Sing. (1990) 27; — *Fragaria indica* ANDR.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 39.
- 2077 **Prunus arborea** (BL.) KALKM.; PRANCE & WHITMORE, Tree Fl. Malaya 2 (1973) 338; CORNER, Ways. Trees, 3rd ed. (1988) 619; KENG, Conc. Fl. Sing. (1990) 27; — *Pygeum persimile* KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 675; — *Pygeum ovalifolium* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 677; — *Pygeum patens* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 676; — *Pygeum rubiginosum* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 677; — *Pygeum parviflorum* T. & B.; RIDLEY, Fl. Mal. Pen. 1 (1922) 675; CORNER, Ways. Trees 1st ed. (1940) 529.
- 2078 **Prunus grisea** (C. MUELL.) KALKM.; PRANCE & WHITMORE, Tree Fl. Malaya 2 (1973) 337; KENG, Conc. Fl. Sing. (1990) 27; — *Pygeum lanceolatum* Hook. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 674 (*incl. var. maingayi*); SINCLAIR, Gard. Bull. Sing. 15 (1956) 23; — *Pygeum maingayi* Hook. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78.
- 2079 **Prunus polystachya** (HOOK. f.) KALKM.; PRANCE & WHITMORE, Tree Fl. Malaya 2 (1973) 339; CORNER, Ways. Trees, 3rd ed. (1988) 619; KENG, Conc. Fl. Sing. (1990) 27; — *Pygeum polystachyum* Hook. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 674; CORNER, Ways. Trees 1st ed. (1940) 528.
- 2080a **Rubus moluccanus** L. *var. moluccanus*; KALKMAN, Blumea 29 (1984) 356; — *R. glomeratus auct., non* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 679; HENDERSON, Mal. Wild Fl. Dic. (1959) 105; KENG, Conc. Fl. Sing. (1990) 28.

- 2080b **Rubus moluccanus** var. **angulosus** KALKMAN, Blumea 29 (1984) 364; — *R. moluccanus*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; HENDERSON, Mal. Wild Fl. Dic. (1959) 105; KENG, Conc. Fl. Sing. (1990) 28; — *R. angulosus* (non GREMLI) FOCKE; RIDLEY, Fl. Mal. Pen. 1 (1922) 678.

RUBIACEAE

- 2081 **Aidia corymbosa** (BL.) K.M. WONG, Malay. Nat. J. 38 (1984) 19; — *Randia auriculata* (WALL.) SCHUM.; RIDLEY, Fl. Mal. Pen. 2 (1923) 75; KENG, Conc. Fl. Sing. (1990) 160.
- 2082 **Aidia wallichiana** TIRV.; WONG, Tree Fl. Malaya 4 (1989) 338; — *Randia densiflora* (WALL.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 94; RIDLEY, Fl. Mal. Pen. 2 (1923) 75; CORNER, Ways. Trees 1st ed. (1940) 555; CORNER, Ways. Trees, 3rd ed. (1988) 647; — *Aidia cochinchinensis sensu* WONG *pro parte non* LOUR., Malay. Nat. J. 38 (1984) 10; — *Randia cochinchinensis* (LOUR.) MERR.; KENG, Conc. Fl. Sing. (1990) 160.
- A 2083 **Borreria alata** (AUBL.) DC.; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 152; — *B. latifolia* K. SCHUM.; RIDLEY, Fl. Mal. Pen. 2 (1923) 175; HENDERSON, Mal. Wild Fl. Dic. (1959) 229.
- 2084 **Borreria articularis** (L. f.) F.N. WILL.; KENG, Conc. Fl. Sing. (1990) 152; — *Spermacoce hispida* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 100; — *B. hispida* K. SCHUM.; RIDLEY, Fl. Mal. Pen. 2 (1923) 175; HENDERSON, Mal. Wild Fl. Dic. (1959) 229.
- 2085 **Borreria laevicaulis** (MIQ.) RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 176; HENDERSON, Mal. Wild Fl. Dic. (1959) 229; KENG, Conc. Fl. Sing. (1990) 152.
- A 2086 **Borreria laevis** (LAMK.) GRISEB.; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 152.
- A 2087 **Borreria ocymoides** (BURM. f.) DC.; KENG, Conc. Fl. Sing. (1990) 152.
- 2088 **Borreria setidens** (MIQ.) BOLD.; RIDLEY, Fl. Mal. Pen. 1 (1922) 177; HENDERSON, Mal. Wild Fl. Dic. (1959) 229; KENG, Conc. Fl. Sing. (1990) 152.
- 2089 **Celospermum truncatum** (WALL.) BAILL. ex K. SCHUM.; RIDLEY, Fl. Mal. Pen. 2 (1923) 121 JOHANSSON, Blumea 33 (1988) 277; — *C. scandens* BL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 121; KENG, Conc. Fl. Sing. (1990) 153.
- 2090 **Canthium confertum** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 96; RIDLEY, Fl. Mal. Pen. 2 (1923) 125; CORNER, Ways. Trees, 3rd ed. (1988) 626; WONG, Tree Fl. Malaya 4 (1989) 342; KENG, Conc. Fl. Sing. (1990) 152.
- 2091 **Canthium glabrum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 96; RIDLEY, Fl. Mal. Pen. 2 (1923) 124; CORNER, Ways. Trees, 3rd ed. (1988) 627; WONG, Tree Fl. Malaya 4 (1989) 343; KENG, Conc. Fl. Sing. (1990) 152.
- 2092 **Canthium horridum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 96; RIDLEY, Fl. Mal. Pen. 2 (1923) 123; WONG, Tree Fl. Malaya 4 (1989) 341; KENG, Conc. Fl. Sing. (1990) 152; — *C. scandens* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 96.

- 2093 **Canthium molle** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 123; WONG, Tree Fl. Malaya 4 (1989) 341; KENG, Conc. Fl. Sing. (1990) 152.
- 2094 **Cephaelis singaporensis** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 144; KENG, Conc. Fl. Sing. (1990) 152.
- 2095 **Chasalia chartacea** CRAIB; HENDERSON, Mal. Wild Fl. Dic. (1959) 223; CORNER, Ways. Trees, 3rd ed. (1988) 627; WONG, Tree Fl. Malaya 4 (1989) 344.
- 2096 **Chasalia curviflora** (WALL.) THW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 98; RIDLEY, Fl. Mal. Pen. 2 (1923) 142; WONG, Tree Fl. Malaya 4 (1989) 344; KENG, Conc. Fl. Sing. (1990) 152.
- 2097 **Chasalia pubescens** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 143; WONG, Tree Fl. Malaya 4 (1989) 344; KENG, Conc. Fl. Sing. (1990) 153.
- 2098 **Coptosapelta griffithii** HOOK. f.; RIDLEY, Fl. Mal. Pen. 2 (1923) 17; HENDERSON, Mal. Wild Fl. Dic. (1959) 196; KENG, Conc. Fl. Sing. (1990) 153.
- 2099 **Coptosapelta parviflora** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 18; KENG, Conc. Fl. Sing. (1990) 153.
- 2100 **Coptosapelta tomentosa** (BL.) VAL. ex K. HEYNE; HENDERSON, Mal. Wild Fl. Dic. (1959) 195; KENG, Conc. Fl. Sing. (1990) 153; — *C. flavescens* KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 91; RIDLEY, Fl. Mal. Pen. 2 (1923) 17.
- 2101 **Dentella repens** (L.) J.R. & G. FORST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 92; RIDLEY, Fl. Mal. Pen. 2 (1923) 44; KENG, Conc. Fl. Sing. (1990) 153.
- A 2102 **Diodia ocymifolia** (WILLD. ex R. & S.) BREMEK.; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 153.
- A 2103 **Diodia sarmentosa** SWARTZ; RIDLEY, Fl. Mal. Pen. 2 (1923) 174; HENDERSON, Mal. Wild Fl. Dic. (1959) 228; CORLETT, J. Biogeog. (1988) 662; KENG, Conc. Fl. Sing. (1990) 153; — *Spermacoce scaberrima* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 100.
- 2104 **Diplospora malaccensis** HOOK. f.; RIDLEY, Fl. Mal. Pen. 2 (1923) 86; CORNER, Ways. Trees, 3rd ed. (1988) 629; WONG, Tree Fl. Malaya 4 (1989) 346; KENG, Conc. Fl. Sing. (1990) 153.
- 2105 **Gaertnera grisea** HOOK. f. ex CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 115; RIDLEY, Fl. Mal. Pen. 2 (1923) 431; VAN BEUSEKOM, Blumea 15 (1967) 373; WONG, Tree Fl. Malaya 4 (1989) 347; KENG, Conc. Fl. Sing. (1990) 153.
- 2106 **Gaertnera obesa** HOOK. f. ex CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 115; RIDLEY, Fl. Mal. Pen. 2 (1923) 431; VAN BEUSEKOM, Blumea 15 (1967) 381; WONG, Tree Fl. Malaya 4 (1989) 347; KENG, Conc. Fl. Sing. (1990) 154.

- 2107 **Gaertnera vaginans** (DC.) MERR. *ssp junghuhnii* (MIQ.) VAN BEUSEKOM, *Blumea* 15 (1967) 388; WONG, *Tree Fl. Malaya* 4 (1989) 348; — *G. koenigii* (ARN.) WIGHT *var. oxyphylla* (BENTH.) CLARKE; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 115; — *G. acuminata* BENTH.; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 427 (*incl. var. oxyphylla* RIDL. & *var. montana* RIDL.); — *G. caudata* RIDL.; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 429; — *G. ramosa* RIDL.; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 429; — *G. pedicellata* RIDL.; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 429; — *G. sessiliflora* RIDL.; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 427.
- 2108 **Gaertnera viminea** HOOK. *f. ex* CLARKE; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 115; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 427; VAN BEUSEKOM, *Blumea* 15 (1967) 377; WONG, *Tree Fl. Malaya* 4 (1989) 348; KENG, *Conc. Fl. Sing.* (1990) 154.
- 2109 **Gardenia griffithii** HOOK. *f.*; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 95; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 83; CORNER, *Ways. Trees*, 3rd ed. (1988) 631; WONG, *Tree Fl. Malaya* 4 (1989) 349; KENG, *Conc. Fl. Sing.* (1990) 154.
- 2110 **Gardenia tubifera** WALL.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 95; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 82; CORNER, *Ways. Trees*, 3rd ed. (1988) 631; WONG, *Tree Fl. Malaya* 4 (1989) 349; KENG, *Conc. Fl. Sing.* (1990) 154; — *G. speciosa* [*non* SALISB.] (HOOK.) HOOK. *f.*; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 95; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 83; — *G. resinifera* KORTH.; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 82.
- WONG *Gard. Bull. Sing.* 35 (1982) 22 & *Tree Fl. Malaya* 4 (1989) 350) recognises *var. subcarinata* CORNER and *var. tubifera forma tubifera* and *var. tubifera forma elata* (RIDL.) WONG, all of which are recorded from Singapore.
- 2111 **Gardeniopsis longifolia** MIQ.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 94; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 112; WONG, *Tree Fl. Malaya* 4 (1989) 350; KENG, *Conc. Fl. Sing.* (1990) 154.
- 2112 **Geophila pilosa** PEARLS.; RIDLEY, *J. Str. Br. R. As. Soc.* 35 (1901) 88; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 146; KENG, *Conc. Fl. Sing.* (1990) 154; — *G. hirta* (*non* MIQ.) RIDL., *J. Str. Br. R. As. Soc.* 33 (1900) 99.
- 2113 **Guettarda speciosa** L.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 95; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 112; CORNER, *Ways. Trees* 1st ed. (1940) 542; WONG, *Kew Bull.* 43 (1988) 496; CORNER, *Ways. Trees*, 3rd ed. (1988) 633; WONG, *Tree Fl. Malaya* 4 (1989) 351; KENG, *Conc. Fl. Sing.* (1990) 154.
- 2114 **Gynochthodes coriacea** BL.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 98; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 122; KENG, *Conc. Fl. Sing.* (1990) 154.
- 2115 **Gynochthodes sublanceolata** MIQ.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 97; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 122; HENDERSON, *Mal. Wild Fl. Dic.* (1959) 220; KENG, *Conc. Fl. Sing.* (1990) 155.
- 2116 **Hedyotis auricularia** L.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 92; RIDLEY, *Fl. Mal. Pen.* 2 (1923) 49; KENG, *Conc. Fl. Sing.* (1990) 155.

- 2117 **Hedyotis biflora** (L.) LAMK.; KENG, Conc. Fl. Sing. (1990) 155; — *Oldenlandia paniculata* L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 53; HENDERSON, Mal. Wild Fl. Dic. (1959) 207.
- 2118 **Hedyotis capitellata** WALL. ex G. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 92; RIDLEY, Fl. Mal. Pen. 2 (1923) 46; KENG, Conc. Fl. Sing. (1990) 155.
- 2119 **Hedyotis caerulea** W. & A.; RIDLEY, Fl. Mal. Pen. 2 (1923) 52; SINCLAIR, Gard. Bull. Sing. 14 (1953) 33.
- 2120 **Hedyotis congesta** R. BR. ex G. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 92; RIDLEY, Fl. Mal. Pen. 2 (1923) 51; KENG, Conc. Fl. Sing. (1990) 155.
- 2121 **Hedyotis corymbosa** (L.) LAMK.; KENG, Conc. Fl. Sing. (1990) 155; — *Oldenlandia corymbosa* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 92; RIDLEY, Fl. Mal. Pen. 2 (1923) 54; HENDERSON, Mal. Wild Fl. Dic. (1959) 206.
- 2122 **Hedyotis dichotoma** KOEN. ex ROTH; KENG, Conc. Fl. Sing. (1990) 155; — *Oldenlandia dichotoma* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 92; RIDLEY, Fl. Mal. Pen. 2 (1923) 53; HENDERSON, Mal. Wild Fl. Dic. (1959) 207.
- 2123 **Hedyotis diffusa** WILLD.; KENG, Conc. Fl. Sing. (1990) 155; — *Oldenlandia diffusa* (WILLD.) ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 92; RIDLEY, Fl. Mal. Pen. 2 (1923) 54; HENDERSON, Mal. Wild Fl. Dic. (1959) 206.
- 2124 **Hedyotis herbacea** L.; KENG, Conc. Fl. Sing. (1990) 155.
- 2125 **Hedyotis pinifolia** WALL. ex G. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 92; RIDLEY, Fl. Mal. Pen. 2 (1923) 52; HENDERSON, Mal. Wild Fl. Dic. (1959) 204; KENG, Conc. Fl. Sing. (1990) 155.
- 2126 **Hedyotis pumila** L. f.; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 131.
- 2127 **Hedyotis trinervia** (RETZ.) R. & S.; MAXWELL, Gard. Bull. Sing. 35 (1983) 198; KENG, Conc. Fl. Sing. (1990) 155; — *Oldenlandia trinervia* RETZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 92; RIDLEY, Fl. Mal. Pen. 2 (1923) 55.
- 2128 **Hedyotis vestita** R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 92; RIDLEY, Fl. Mal. Pen. 2 (1923) 49.
- 2129 **Hydnophytum formicarium** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 99; RIDLEY, Fl. Mal. Pen. 2 (1923) 172; HENDERSON, Mal. Wild Fl. Dic. (1959) 226; KENG, Conc. Fl. Sing. (1990) 155.
- 2130 **Hypobathrum coniferum** (RIDL.) BAKH. f.; KENG, Conc. Fl. Sing. (1990) 156; — *Petunga venulosa* (non HOOK. f.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 95; — *Petunga conifera* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 85; — *H. sp. 11*, WONG, Tree Fl. Malaya 4 (1989) 355.
- 2131 **Ixora concinna** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 97; RIDLEY, Fl. Mal. Pen. 2 (1923) 95; CORNER, Ways. Trees, 3rd ed. (1988) 637; WONG, Tree Fl. Malaya 4 (1989) 360.

- 2132 ***Ixora congesta*** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 96; RIDLEY, Fl. Mal. Pen. 2 (1923) 93; CORNER, Ways. Trees, 3rd ed. (1988) 637; WONG, Tree Fl. Malaya 4 (1989) 361.
- 2133 ***Ixora grandifolia*** Z. & M.; RIDLEY, Fl. Mal. Pen. 2 (1923) 97; CORNER, Ways. Trees, 3rd ed. (1988) 637; WONG, Tree Fl. Malaya 4 (1989) 364; KENG, Conc. Fl. Sing. (1990) 156; — *I. crassifolia* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 98; — *I. elliptica* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 98; — *I. fluminalis* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 97.
- 2134 ***Ixora lobbii*** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 93; CORNER, Ways. Trees, 3rd ed. (1988) 638; WONG, Tree Fl. Malaya 4 (1989) 361; KENG, Conc. Fl. Sing. (1990) 156; — *I. fulgens* (*non* ROXB.) HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 96.
- 2135 ***Ixora pendula*** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 96; RIDLEY, Fl. Mal. Pen. 2 (1923) 95 (*incl. var. opaca* RIDL.); CORNER, Ways. Trees, 3rd ed. (1988) 638; WONG, Tree Fl. Malaya 4 (1989) 359; KENG, Conc. Fl. Sing. (1990) 156; — *I. opaca* DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 96.
- 2136 ***Ixora umbellata*** K. & V.; CORNER, Ways. Trees, 3rd ed. (1988) 638; WONG, Tree Fl. Malaya 4 (1989) 358; KENG, Conc. Fl. Sing. (1990) 156.
- 2137 ***Jackiopsis ornata*** (WALL.) RIDSDALE, Blumea 25 (1979) 295; WONG, Tree Fl. Malaya 4 (1989) 364; KENG, Conc. Fl. Sing. (1990) 156; — *Jackia ornata* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 95; RIDLEY, Fl. Mal. Pen. 2 (1923) 89, CORNER, Ways. Trees 1st ed. (1940) 548; CORNER, Ways. Trees, 3rd ed. (1988) 639.
- 2138 ***Lasianthus appressus*** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 99; RIDLEY, Fl. Mal. Pen. 2 (1923) 156; WONG, Tree Fl. Malaya 4 (1989) 371; KENG, Conc. Fl. Sing. (1990) 156.
- 2139 ***Lasianthus attenuatus*** JACK; RIDLEY, Fl. Mal. Pen. 2 (1923) 156; WONG, Tree Fl. Malaya 4 (1989) 367; KENG, Conc. Fl. Sing. (1990) 156.
- 2140 ***Lasianthus constrictus*** WIGHT; RIDLEY, Fl. Mal. Pen. 2 (1923) 163; WONG, Tree Fl. Malaya 4 (1989) 369; KENG, Conc. Fl. Sing. (1990) 157.
- 2141 ***Lasianthus cyanocarpus*** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 99; RIDLEY, Fl. Mal. Pen. 2 (1923) 153; HENDERSON, Mal. Wild Fl. Dic. (1959) 224; WONG, Tree Fl. Malaya 4 (1989) 370; KENG, Conc. Fl. Sing. (1990) 157.
- 2142 ***Lasianthus densifolius*** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 99; RIDLEY, Fl. Mal. Pen. 2 (1923) 156 (*incl. var. calycina* KING & *var. latifolia* KING); WONG, Tree Fl. Malaya 4 (1989) 368.
- 2143 ***Lasianthus ellipticus*** WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 99; RIDLEY, Fl. Mal. Pen. 2 (1923) 159; WONG, Tree Fl. Malaya 4 (1989) 372; KENG, Conc. Fl. Sing. (1990) 157.
- 2144 ***Lasianthus glaber*** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 155; WONG, Tree Fl. Malaya 4 (1989) 373.

- 2145 **Lasianthus griffithii** WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 99; RIDLEY, Fl. Mal. Pen. 2 (1923) 152 (*incl. var. latibracteata* K. & G.); WONG, Tree Fl. Malaya 4 (1989) 371; KENG, Conc. Fl. Sing. (1990) 157.
- 2146 **Lasianthus maingayi** HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 99; RIDLEY, Fl. Mal. Pen. 2 (1923) 160; WONG, Tree Fl. Malaya 4 (1989) 369; KENG, Conc. Fl. Sing. (1990) 157.
- 2147 **Lasianthus perakensis** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 160; WONG, Tree Fl. Malaya 4 (1989) 372; — *L. flavinervius* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 162.
- 2148 **Lasianthus pterospermus** WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 99; RIDLEY, Fl. Mal. Pen. 2 (1923) 160; WONG, Tree Fl. Malaya 4 (1989) 368; — *L. longifolius sensu* RIDL. p.p.; RIDLEY, Fl. Mal. Pen. 2 (1923) 164.
- 2149 **Lasianthus ridleyi** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 154; WONG, Tree Fl. Malaya 4 (1989) 371; KENG, Conc. Fl. Sing. (1990) 157; — *L. maingayi* var. *hirta* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 160; — *L. singaporensis* KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 159; KENG, Conc. Fl. Sing. (1990) 157.
- 2150 **Lasianthus scabridus** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 152; WONG, Tree Fl. Malaya 4 (1989) 370; KENG, Conc. Fl. Sing. (1990) 157.
- 2151 **Lasianthus** sp. 8, WONG, Tree Fl. Malaya 4 (1989) 373.
- 2152 **Lasianthus stipularis** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 99; RIDLEY, Fl. Mal. Pen. 2 (1923) 152; HENDERSON, Mal. Wild Fl. Dic. (1959) 224; WONG, Tree Fl. Malaya 4 (1989) 368; KENG, Conc. Fl. Sing. (1990) 157.
- 2153 **Lasianthus tomentosus** BL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 161; WONG, Tree Fl. Malaya 4 (1989) 371; KENG, Conc. Fl. Sing. (1990) 157; — *L. chryseus* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 158; KENG, Conc. Fl. Sing. (1990) 157.
- 2154 **Lecananthus erubescens** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 94; RIDLEY, Fl. Mal. Pen. 2 (1923) 57; HENDERSON, Mal. Wild Fl. Dic. (1959) 211; KENG, Conc. Fl. Sing. (1990) 157.
- 2155 **Lucinaea membranacea** KING; RIDLEY, Fl. Mal. Pen. 2 (1923) 56; HENDERSON, Mal. Wild Fl. Dic. (1959) 209; KENG, Conc. Fl. Sing. (1990) 157.
- 2156 **Lucinaea morinda** DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 93; RIDLEY, Fl. Mal. Pen. 2 (1923) 56; KENG, Conc. Fl. Sing. (1990) 157.
- A 2157 **Morinda citrifolia** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 97; RIDLEY, Fl. Mal. Pen. 2 (1923) 117; CORLETT, J. Biogeog. (1988) 662; CORNER, Ways. Trees, 3rd ed. (1988) 641; WONG, Tree Fl. Malaya 4 (1989) 377; KENG, Conc. Fl. Sing. (1990) 157.
- 2158 **Morinda ridleyi** (KING & GAMBLE) RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 118; WONG, Tree Fl. Malaya 4 (1989) 377; KENG, Conc. Fl. Sing. (1990) 158; — *M. sp.* "A tall climber"; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 97.
- 2159 **Morinda rigida** MIQ.; RIDLEY, Fl. Mal. Pen. 2 (1923) 118; WONG, Tree Fl. Malaya 4 (1989) 376; KENG, Conc. Fl. Sing. (1990) 158.

- 2160 **Morinda umbellata** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 97; RIDLEY, Fl. Mal. Pen. 2 (1923) 119; HENDERSON, Mal. Wild Fl. Dic. (1959) 219; WONG, Tree Fl. Malaya 4 (1989) 377; KENG, Conc. Fl. Sing. (1990) 158.
- 2161 **Mussaenda glabra** VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 93; RIDLEY, Fl. Mal. Pen. 2 (1923) 61; HENDERSON, Mal. Wild Fl. Dic. (1959) 213; KENG, Conc. Fl. Sing. (1990) 158.
- 2162 **Mussaenda mutabilis** HOOK. f.; RIDLEY, Fl. Mal. Pen. 2 (1923) 58; HENDERSON, Mal. Wild Fl. Dic. (1959) 212; KENG, Conc. Fl. Sing. (1990) 158.
- 2163 **Mussaendopsis beccariana** BAILL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 19; WONG, Tree Fl. Malaya 4 (1989) 378; KENG, Conc. Fl. Sing. (1990) 158.
- 2164 **Mycetia malayana** (WALL. ex RIDL.) CRAIB; WONG, Tree Fl. Malaya 4 (1989) 379; KENG, Conc. Fl. Sing. (1990) 158; — *Adenosacme longifolia* WALL. ex HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 93; — *Adenosacme malayana* WALL. ex RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 63.
- 2165 **Myrmecodia tuberosa** JACK; RIDLEY, Fl. Mal. Mal. Pen. 2 (1923) 173; HUXLEY & JEBB, Blumea 37 (1993) 276; — *M. echinata* GAUD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 100; — *M. armata* DC.; KENG, Conc. Fl. Sing. (1990) 158.
- 2166 **Nauclea officinalis** (PIERRE ex PITARD) MERR. & CHUN.; RIDSDALE, Blumea 24 (1978) 328; WONG, Tree Fl. Malaya 4 (1989) 380; KENG, Conc. Fl. Sing. (1990) 158; — *Sarcocephalus junghuhnii* (non MIQ.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 90; RIDLEY, Fl. Mal. Pen. 2 (1923) 7; — *N. junghuhnii* auct., non MERR.; CORNER, Ways. Trees 1st ed. (1940) 551; CORNER, Ways. Trees, 3rd ed. (1988) 642.
- 2167 **Nauclea subdita** (KORTH.) STEUD.; RIDSDALE, Blumea 24 (1978) 329; WONG, Tree Fl. Malaya 4 (1989) 381; KENG, Conc. Fl. Sing. (1990) 159; — *Sarcocephalus subditus* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 90; RIDLEY, Fl. Mal. Pen. 2 (1923) 7.
- 2168 **Neonauclea pallida** (REINW. ex HAVIL.) BAKH. f. ssp. **malaccensis** (GAND.) RIDSDALE, Blumea 34 (1989) 199; — *Nauclea purpurascens* (non KORTH.) K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 9; — *N. purpurascens* RIDL.; RIDLEY, Fl. Mal. Pen. 5 (1925) 314, p.p.; — *N. pallida*; WONG, Tree Fl. Malaya 4 (1989) 383.
- 2169 **Neonauclea sp. 2**, WONG, Tree Fl. Malaya 4 (1989) 383.
- 2170 **Ochreinauclea maingayi** (HOOK. f.) RIDSDALE, Blumea 24 (1978) 332; WONG, Tree Fl. Malaya 4 (1989) 385; — *Sarcocephalus maingayi* (HOOK. f.) HAVIL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 90; RIDLEY, Fl. Mal. Pen. 2 (1923) 7.
- 2171 **Ophiorrhiza singaporensis** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 39; HENDERSON, Mal. Wild Fl. Dic. (1959) 209; KENG, Conc. Fl. Sing. (1990) 159; — *O. harrisiana*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 93.
- 2172 **Oxyceros fragrantissima** (RIDL.) K.M. WONG, Malay. Nat. J. 38 (1984) 43; — *Randia fragrantissima* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 75; KENG, Conc. Fl. Sing. (1990) 160.

- 2173 **Oxyceros longiflora** (LAMK.) YAMAZAKI; WONG, Malay. Nat. J. 38 (1984) 39; — *Randia longiflora* LAMK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 94; RIDLEY, Fl. Mal. Pen. 2 (1923) 73; KENG, Conc. Fl. Sing. (1990) 161.
- 2174 **Oxyceros penangiana** (KING & GAMBLE) TIRVENG.; WONG, Malay. Nat. J. 38 (1984) 39; — *Randia penangiana* KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 72; KENG, Conc. Fl. Sing. (1990) 161.
- 2175 **Oxyceros scandens** (BL.) TIRVENG.; WONG, Malay. Nat. J. 38 (1984) 42; — *Randia clarkei* KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 72; — *Randia scandens* (BL.) DC.; KENG, Conc. Fl. Sing. (1990) 161.
- 2176 **Paederia foetida** L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 173; HENDERSON, Mal. Wild Fl. Doc. (1959) 227; PUFF, Op. Bot. Belg. 3 (1991) 210; — *P. tomentosa* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 100; — *P. scandens* (LOUR) MERR.; KENG, Conc. Fl. Sing. (1990) 159.
- 2177 **Paederia verticillata** BL.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 89; RIDLEY, Fl. Mal. Pen. 2 (1923) 174; HENDERSON, Mal. Wild Fl. Dic. (1959) 227; KENG, Conc. Fl. Sing. (1990) 159; — *P. foetida sensu* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 100.
- 2178 **Pavetta wallichiana** STEUD.; WONG, Tree Fl. Malaya 4 (1989) 388.
- 2179 **Pertusadina eurhyncha** (MIQ.) RIDSDALE, Blumea 24 (1978) 354; WONG, Tree Fl. Malaya 4 (1989) 391; — *Adina rubescens* HEMS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 90; RIDLEY, Fl. Mal. Pen. 2 (1923) 10; KENG, Conc. Fl. Sing. (1990) 152.
- 2180 **Porterandia anisophylla** (JACK *ex* ROXB.) RIDL.; WONG, Malay. Nat. J. 38 (1984) 45; WONG, Tree Fl. Malaya 4 (1989) 393; — *Randia anisophylla* (JACK *ex* ROXB.) HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 94; RIDLEY, Fl. Mal. Pen. 2 (1923) 77; CORNER, Ways. Trees 1st ed. (1940) 555; CORNER, Ways. Trees, 3rd ed. (1988) 647; KENG, Conc. Fl. Sing. (1990) 160; — *Randia scortechinii* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 78; CORNER, Ways. Trees 1st ed. (1940) 556; CORNER, Ways. Trees, 3rd ed. (1988) 648.
- 2181 **Prismatomeris glabra** (KORTH.) VAL.; WONG, Tree Fl. Malaya 4 (1989) 395.
- 2182 **Prismatomeris tetranda** (ROXB.) K. SCHUM. *subsp. malayana* (RIDL.) JOHANSSON; WONG, Tree Fl. Malaya 4 (1989) 396; — *P. albidiflora*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 97; — *P. malayana* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 116; — *P. tetranda*; CORNER, Ways. Trees, 3rd ed. (1988) 645; KENG, Conc. Fl. Sing. (1990) 159.
- 2183 **Psychotria angulata** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 98; RIDLEY, Fl. Mal. Pen. 2 (1923) 138; HENDERSON, Mal. Wild Fl. Dic. (1959) 222; WONG, Tree Fl. Malaya 4 (1989) 398; KENG, Conc. Fl. Sing. (1990) 159.
- 2184 **Psychotria cantleyi** RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 130; KENG, Conc. Fl. Sing. (1990) 159.

- 2185 **Psychotria griffithii** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 98; RIDLEY, Fl. Mal. Pen. 2 (1923) 137; WONG, Tree Fl. Malaya 4 (1989) 399; KENG, Conc. Fl. Sing. (1990) 159.
- 2186 **Psychotria helferiana** KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 98; RIDLEY, Fl. Mal. Pen. 2 (1923) 134; WONG, Tree Fl. Malaya 4 (1989) 396; KENG, Conc. Fl. Sing. (1990) 159.
- 2187 **Psychotria maingayi** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 98; RIDLEY, Fl. Mal. Pen. 2 (1923) 131; KENG, Conc. Fl. Sing. (1990) 160.
- 2188 **Psychotria malayana** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 98; RIDLEY, Fl. Mal. Pen. 2 (1923) 139; WONG, Tree Fl. Malaya 4 (1989) 397; KENG, Conc. Fl. Sing. (1990) 160; — *P. stipulacea* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 98; RIDLEY, Fl. Mal. Pen. 2 (1923) 140; HENDERSON, Mal. Wild Fl. Dic. (1959) 222; KENG, Conc. Fl. Sing. (1990) 160.
- 2189 **Psychotria obovata** WALL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 129; HENDERSON, Mal. Wild Fl. Dic. (1959) 221; KENG, Conc. Fl. Sing. (1990) 160; — *P. polycarpa* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 98.
- 2190 **Psychotria ovoidea** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 98; RIDLEY, Fl. Mal. Pen. 2 (1923) 130; KENG, Conc. Fl. Sing. (1990) 160.
- 2191 **Psychotria penangensis** HOOK. *f.*; RIDLEY, Fl. Mal. Pen. 2 (1923) 132; KENG, Conc. Fl. Sing. (1990) 160.
- 2192 **Psychotria ridleyi** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 133; KENG, Conc. Fl. Sing. (1990) 160.
- 2193 **Psychotria rostrata** BL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 134; HENDERSON, Mal. Wild Fl. Dic. (1959) 222; WONG, Tree Fl. Malaya 4 (1989) 397; KENG, Conc. Fl. Sing. (1990) 160; — *Chasalia rostrata* (BL.) MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 99.
- 2194 **Psychotria sarmentosa** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 98; RIDLEY, Fl. Mal. Pen. 2 (1923) 131; HENDERSON, Mal. Wild Fl. Dic. (1959) 221; KENG, Conc. Fl. Sing. (1990) 160.
- 2195 **Psydrax sp. 10**, WONG, Tree Fl. Malaya 4 (1989) 404; — *Canthium didymum sensu* RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 96, *p.p.*
- 2196 **Psydrax sp. 11**, WONG, Tree Fl. Malaya 4 (1989) 402.
- 2197 **Rothmannia macrophylla** (R. BR. *ex* HOOK. *f.*) BREMEK.; WONG, Malay. Nat. J. 38 (1984) 48; WONG, Tree Fl. Malaya 4 (1989) 406; — *Randia macrophylla* R. BR. *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 95; RIDLEY, Fl. Mal. Pen. 2 (1923) 78; CORNER, Ways. Trees 1st ed. (1940) 556; HENDERSON, Mal. Wild Fl. Dic. (1959) 216; CORNER, Ways. Trees, 3rd ed. (1988) 648; KENG, Conc. Fl. Sing. (1990) 161.
- 2198 **Saprosma glomerulatum** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 170; CORNER, Ways. Trees, 3rd ed. (1988) 650; WONG, Tree Fl. Malaya 4 (1989) 407; KENG, Conc. Fl. Sing. (1990) 161.

- 2199 **Scyphiphora hydrophyllacea** GAERTN. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 95; RIDLEY, Fl. Mal. Pen. 2 (1923) 89; WATSON, Mal. For. Rec. 6 (1928) 84; CORNER, Ways. Trees 1st ed. (1940) 559; CORNER, Ways. Trees, 3rd ed. (1988) 650; WONG, Tree Fl. Malaya 4 (1989) 89; KENG, Conc. Fl. Sing. (1990) 161.
- 2200 **Tarenna adpressa** (KING) MERR.; CORNER, Ways. Trees 1st ed. (1940) 560 ("appressa"); CORNER, Ways. Trees, 3rd ed. (1988) 651; WONG, Tree Fl. Malaya 4 (1989) 411; KENG, Conc. Fl. Sing. (1990) 161; — *T. papillosa* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 103; — *Stylocoryna adpressa* KING; RIDLEY, Fl. Mal. Pen. 2 (1923) 110.
- 2201 **Tarenna costata** (MIQ.) MERR.; CORNER, Ways. Trees, 3rd ed. (1988) 651; WONG, Tree Fl. Malaya 4 (1989) 415; — *Stylocoryna costata* MIQ.; RIDLEY, Fl. Mal. Pen. 2 (1923) 109.
- 2202 **Tarenna fragrans** (NEES) K. & V.; CORNER, Ways. Trees, 3rd ed. (1988) 652; WONG, Tree Fl. Malaya 4 (1989) 411; KENG, Conc. Fl. Sing. (1990) 161; — ?*Webera fragrans*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 94; — *Stylocoryna fragrans* (NEES) DC.; RIDLEY, Fl. Mal. Pen. 2 (1923) 108.
- 2203 **Tarenna mollis** (WALL. ex HOOK. f.) B.L. ROBINSON; CORNER, Ways. Trees, 3rd ed. (1988) 652; WONG, Tree Fl. Malaya 4 (1989) 416; KENG, Conc. Fl. Sing. (1990) 161; — *Webera mollis* WALL. ex HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 94; — *Stylocoryna mollis* (WALL. ex HOOK. f.) KING; RIDLEY, Fl. Mal. Pen. 2 (1923) 109.
- 2204 **Tarenna odorata** (ROXB.) B.L. ROBINSON; RIDLEY, Fl. Mal. Pen. 2 (1923) 105; WONG, Tree Fl. Malaya 4 (1989) 410; — *Webera grandifolia* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 94; — *T. grandifolia* (HOOK. f.) RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 104; KENG, Conc. Fl. Sing. (1990) 161.
- 2205 **Tarenna ridleyi** (PEARS. ex KING) RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 106, p.p.; WONG, Tree Fl. Malaya 4 (1989) 412; — *Webera sp. 6147*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 94; — *Webera ridleyi* PEARS. ex KING; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88.
- 2206 **Tarenna stellulata** (HOOK. f.) RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 106; CORNER, Ways. Trees, 3rd ed. (1988) 653; WONG, Tree Fl. Malaya 4 (1989) 412; KENG, Conc. Fl. Sing. (1990) 162.
- 2207 **Timonius compressicaulis** (MIQ.) BOERL.; CORNER, Ways. Trees 1st ed. (1940) 563; WONG, Kew Bull. 43 (1988) 514; CORNER, Ways. Trees, 3rd ed. (1988) 655; WONG, Tree Fl. Malaya 4 (1989) 417; KENG, Conc. Fl. Sing. (1990) 162; — *T. finlaysonianus* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 95; RIDLEY, Fl. Mal. Pen. 2 (1923) 113.
- 2208 **Timonius flavescens** (JACK) BAKER; CORNER, Ways. Trees 1st ed. (1940) 564; WONG, Kew Bull. 43 (1988) 504; CORNER, Ways. Trees, 3rd ed. (1988) 655; WONG, Tree Fl. Malaya 4 (1989) 418; KENG, Conc. Fl. Sing. (1990) 162; — *T. jambosella* (non THW.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 95; — *T. peduncularis* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 113.

- 2209 **Timonius wallichianus** (KORTH.) VALETON; RIDLEY, Fl. Mal. Pen. 2 (1923) 116; CORNER, Ways. Trees 1st ed. (1940) 564, *p.p.*; WONG, Kew Bull. 43 (1988) 507; CORNER, Ways. Trees, 3rd ed. (1988) 655; WONG, Tree Fl. Malaya 4 (1989) 417; KENG, Conc. Fl. Sing. (1990) 162; — *T. rumphii* (*non* DC.) HOOK *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 95.
- 2210 **Timonius wrayi** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 115; WONG, Kew Bull. 43 (1988) 512; WONG, Tree Fl. Malaya 4 (1989) 419; KENG, Conc. Fl. Sing. (1990) 162.
- 2211 **Uncaria acida** (HUNT.) ROXB.; HENDERSON, Mal. Wild Fl. Dic. (1959) 194; RIDSDALE, Blumea 24 (1978) 80; — *U. ovalifolia* ROXB.; RIDLEY, Fl. Mal. Pen. 2 (1923) 14; KENG, Conc. Fl. Sing. (1990) 162.
- 2212 **Uncaria attenuata** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 91; RIDLEY, Fl. Mal. Pen. 2 (1923) 16; RIDSDALE, Blumea 24 (1978) 79; KENG, Conc. Fl. Sing. (1990) 162.
- 2213 **Uncaria calophylla** BL. *ex* KORTH.; RIDSDALE, Blumea 24 (1978) 85; — *U. jasminiflora* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 91; RIDLEY, Fl. Mal. Pen. 2 (1923) 15; KENG, Conc. Fl. Sing. (1990) 162.
- 2214 **Uncaria cordata** (LOUR.) MERR.; HENDERSON, Mal. Wild Fl. Dic. (1959) 195; RIDSDALE, Blumea 24 (1978) 74; KENG, Conc. Fl. Sing. (1990) 162; — *U. pedicellata* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 91; RIDLEY, Fl. Mal. Pen. 2 (1923) 12; — *U. sclerophylla* (HUNT.) ROXB.; RIDLEY, Fl. Mal. Pen. 2 (1923) 12; KENG, Conc. Fl. Sing. (1990) 163.
- A 2215 **Uncaria gambir** (HUNT.) ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 91; RIDLEY, Fl. Mal. Pen. 2 (1923) 15; RIDSDALE, Blumea 24 (1978) 74; KENG, Conc. Fl. Sing. (1990) 162.
- 2216 **Uncaria lanosa** WALL. *var. glabrata* (BL.) RIDSD., Blumea 24 (1978) 86; — *U. glabrata* (BL.) DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 91; RIDLEY, Fl. Mal. Pen. 2 (1923) 14; KENG, Conc. Fl. Sing. (1990) 162.
- 2217 **Uncaria longiflora** (POIR.) MERR. *var. pteropoda* (MIQ.) RIDSD., Blumea 24 (1978) 82; — *U. pteropoda* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 91; RIDLEY, Fl. Mal. Pen. 2 (1923) 15; — *U. longiflora*; KENG, Conc. Fl. Sing. (1990) 162.
- 2218 **Uncaria roxburghiana** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 91; RIDLEY, Fl. Mal. Pen. 2 (1923) 11; HENDERSON, Mal. Wild Fl. Dic. (1959) 195; RIDSDALE, Blumea 24 (1978) 89; KENG, Conc. Fl. Sing. (1990) 162.
- 2219 **Urophyllum blumeanum** (WIGHT) HOOK. *f.*; WONG, Tree Fl. Malaya 4 (1989) 421; — *U. glabrum var. blumeanum sensu* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 69.
- 2220 **Urophyllum corymbosum** (BL.) KORTH.; RIDLEY, Fl. Mal. Pen. 2 (1923) 67; WONG, Tree Fl. Malaya 4 (1989) 422.
- 2221 **Urophyllum glabrum** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 93; RIDLEY, Fl. Mal. Pen. 2 (1923) 68; HENDERSON, Mal. Wild Fl. Dic. (1959) 215; WONG, Tree Fl. Malaya 4 (1989) 423; KENG, Conc. Fl. Sing. (1990) 163.

- 2222 **Urophyllum griffithianum** (WIGHT) HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 93; RIDLEY, Fl. Mal. Pen. 2 (1923) 69; WONG, Tree Fl. Malaya 4 (1989) 423; KENG, Conc. Fl. Sing. (1990) 163.
- 2223 **Urophyllum hirsutum** (WIGHT) HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 93; RIDLEY, Fl. Mal. Pen. 2 (1923) 66; WONG, Tree Fl. Malaya 4 (1989) 422; KENG, Conc. Fl. Sing. (1990) 163.
- 2224 **Urophyllum macrophyllum** KORTH.; RIDLEY, Fl. Mal. Pen. 2 (1923) 66; WONG, Tree Fl. Malaya 4 (1989) 422; KENG, Conc. Fl. Sing. (1990) 163.
- 2225 **Urophyllum** *sp.* 2 WONG, Tree Fl. Malaya 4 (1989) 421.
- 2226 **Urophyllum streptopodium** WALL. *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 93; RIDLEY, Fl. Mal. Pen. 2 (1923) 67; WONG, Tree Fl. Malaya 4 (1989) 421; KENG, Conc. Fl. Sing. (1990) 163.
- 2227 **Urophyllum trifurcum** PEARS. *ex* KING & GAMBLE; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 88; RIDLEY, Fl. Mal. Pen. 2 (1923) 68; WONG, Tree Fl. Malaya 4 (1989) 422; KENG, Conc. Fl. Sing. (1990) 163.

RUTACEAE

- 2228 **Acronychia porteri** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 56; RIDLEY, Fl. Mal. Pen. 1 (1922) 348; STONE, Tree Fl. Malaya 1 (1972) 371; KENG, Conc. Fl. Sing. (1990) 97.
- 2229 **Clausena excavata** BURM. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 56; RIDLEY, Fl. Mal. Pen. 1 (1922) 352; CORNER, Ways. Trees 1st ed. (1940) 570; STONE, Tree Fl. Malaya 1 (1972) 375; CORNER, Ways. Trees, 3rd ed. (1988) 662; KENG, Conc. Fl. Sing. (1990) 97.
- 2230 **Euodia glabra** (BL.) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 56; RIDLEY, Fl. Mal. Pen. 1 (1922) 342; STONE, Tree Fl. Malaya 1 (1972) 377; CORNER, Ways. Trees, 3rd ed. (1988) 664; KENG, Conc. Fl. Sing. (1990) 97.
- 2231 **Euodia robusta** HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 56; RIDLEY, Fl. Mal. Pen. 1 (1922) 343; STONE, Tree Fl. Malaya 1 (1972) 379; KENG, Conc. Fl. Sing. (1990) 97.
- 2232 **Euodia roxburghiana** (CHAM.) BENTH. *ex* HOOK. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 56; STONE, Tree Fl. Malaya 1 (1972) 379; KENG, Conc. Fl. Sing. (1990) 97; — *E. malayana* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 342.
- 2233 **Glycosmis chlorosperma** (BL.) SPR.; STONE, Tree Fl. Malaya 1 (1972) 382; CORNER, Ways. Trees, 3rd ed. (1988) 666; KENG, Conc. Fl. Sing. (1990) 98; — *G. malayana* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 350.
- 2234 **Glycosmis lanceolata** (BL.) SPR. *ex* TEYSM. & BINN.; STONE, Tree Fl. Malaya 1 (1972) 381; KENG, Conc. Fl. Sing. (1990) 98; — *G. citrifolia* [*non* (WILLD.) LINDL.] RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 349.
- 2235 **Luvunga crassifolia** TANAKA; — *L. eleutheranthera* DALZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 57 (*erroneously corrected to L. scandens* HAM. RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 87), RIDLEY, Fl. Mal. Pen. 1 (1922) 355.

- 2236 **Merope angulata** (WILLD.) SWINGLE; STONE, Tree Fl. Malaya 1 (1972) 382; KENG, Conc. Fl. Sing. (1990) 98; — *Paramignya longispina* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 57; RIDLEY, Fl. Mal. Pen. 1 (1922) 356; — *Paramignya angulata* (WILLD.) BURKILL; CORNER, Ways. Trees 1st ed. (1940) 578; CORNER, Ways. Trees, 3rd ed. (1988) 670.
- 2237 **Paramignya scandens** (GRIFF.) CRAIB var. **ridleyi** (BURKILL) SWINGLE; STONE, Tree Fl. Malaya 1 (1972) 384; KENG, Conc. Fl. Sing. (1990) 98; — *Paramignya griffithii* HOOK. f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 356.
- A 2238 **Zanthoxylum nitidum** (ROXB.) DC.; STONE, Tree Fl. Malaya 1 (1972) 386; KENG, Conc. Fl. Sing. (1990) 98; — *Z. hirtellum* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 347.

SABIACEAE

- 2239 **Meliosma lanceolata** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; RIDLEY, Fl. Mal. Pen. 1 (1922) 516; VAN BEUSEKOM & VAN DE WATER, Fl. Males. I 10⁴ (1989) 704; SAW, Tree Fl. Malaya 4 (1989) 427; KENG, Conc. Fl. Sing. (1990) 125; — *M. levis* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 515.
- 2240 **Meliosma pinnata** (ROXB.) MAXIM ssp. **ridleyi** (KING) BEUS.; VAN BEUSEKOM & VAN DE WATER, Fl. Males. I 10⁴ (1989) 710; SAW, Tree Fl. Malaya 4 (1989) 428; KENG, Conc. Fl. Sing. (1990) 125; — *M. ridleyi* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; RIDLEY, Fl. Mal. Pen. 1 (1922) 516; — *M. elegans* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 515.
- 2241 **Meliosma simplicifolia** (ROXB.) WALP. ssp. **fruticosa** (BL.) BEUS.; VAN BEUSEKOM & VAN DE WATER, Fl. Males. I 10⁴ (1989) 701; SAW, Tree Fl. Malaya 4 (1989) 429; KENG, Conc. Fl. Sing. (1990) 125; — *M. elliptica* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; RIDLEY, Fl. Mal. Pen. 1 (1922) 514; — *M. lancifolia* HOOK. f.; RIDLEY, Fl. Mal. Pen. 1 (1922) 514.
- 2242 **Sabia erratica** P.M. v.D. WATER; VAN BEUSEKOM & VAN DE WATER, Fl. Males. I 10⁴ (1989) 684; KENG, Conc. Fl. Sing. (1990) 125.

SANTALACEAE

- 2243 **Dendrotrophe buxifolia** (BL.) MIQ.; WHITMORE, Tree Fl. Malaya 2 (1973) 342; KENG, Conc. Fl. Sing. (1990) 128; — *Henslowia buxifolia* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 133; RIDLEY, Fl. Mal. Pen. 3 (1924) 170; HENDERSON, Mal. Wild Fl. Dic. (1959) 456.
- 2244 **Dendrotrophe varians** (BL.) MIQ.; WHITMORE, Tree Fl. Malaya 2 (1973) 342; — *Henslowia lobbiana* A. DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 133; RIDLEY, Fl. Mal. Pen. 3 (1924) 169; — *Henslowia minor* RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 167; — *Henslowia philippinensis* A. DC.; RIDLEY, Fl. Mal. Pen. 3 (1924) 168; — *Henslowia ridleyi* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 167; — *Henslowia varians* BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 170; — *Henslowia wrayi* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 168.

- 2245 **Scleropyrum wallichianum** (WIGHT & ARN.) ARNOTT; WHITMORE, Tree Fl. Malaya 2 (1973) 343; KENG, Conc. Fl. Sing. (1990) 128; — *S. maingayi* HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 133; RIDLEY, Fl. Mal. Pen. 3 (1924) 171; — *S. ridleyi* GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 171.

SAPINDACEAE

- 2246 **Allophyllus cobbe** (L.) RAEUSCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 66; CORNER, Ways. Trees, 3rd ed. (1988) 677; YAP, Tree Fl. Malaya 4 (1989) 436; KENG, Conc. Fl. Sing. (1990) 120; — *A. fulvinervis* BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 489; — *A. glaber* ROXB.; RIDLEY, Fl. Mal. Pen. 1 (1922) 489; — *A. scandens* RIDL. RIDLEY, Fl. Mal. Pen. 1 (1922) 490; — *A. ternatus* LOUR.; RIDLEY, Fl. Mal. Pen. 1 (1922) 489; — *A. villosus* RADLK.; RIDLEY, Fl. Mal. Pen. 1 (1922) 490.
- 2247 **Arytera littoralis** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 66; RIDLEY, Fl. Mal. Pen. 1 (1922) 507; YAP, Tree Fl. Malaya 4 (1989) 438; KENG, Conc. Fl. Sing. (1990) 121.
- 2248 **Cardiospermum halicacabum** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 65; RIDLEY, Fl. Mal. Pen. 1 (1922) 488; HENDERSON, Mal. Wild Fl. Dic. (1959) 59; YAP, Tree Fl. Malaya 4 (1989) 434; KENG, Conc. Fl. Sing. (1990) 120.
- 2249 **Guioa bijuga** (HIERN) RADLK.; CORNER, Ways. Trees, 3rd ed. (1988) 680; YAP, Tree Fl. Malaya 4 (1989) 441; KENG, Conc. Fl. Sing. (1990) 120; — *G. pleuropteris* var. *bijuga* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 505.
- 2250 **Guioa pleuropteris** (BL.) RADLK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 66; RIDLEY, Fl. Mal. Pen. 1 (1922) 505; CORNER, Ways. Trees, 3rd ed. (1988) 680; YAP, Tree Fl. Malaya 4 (1989) 442; KENG, Conc. Fl. Sing. (1990) 120.
- 2251 **Guioa pubescens** (Z. & M.) RADLK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 66; RIDLEY, Fl. Mal. Pen. 1 (1922) 506; CORNER, Ways. Trees, 3rd ed. (1988) 681; YAP, Tree Fl. Malaya 4 (1989) 442; KENG, Conc. Fl. Sing. (1990) 120.
- 2252 **Lepisanthes rubiginosa** (ROXB.) LEENH., Blumea 17 (1969) 82; YAP, Tree Fl. Malaya 4 (1989) 446; KENG, Conc. Fl. Sing. (1990) 120; — *Erioglossum edule* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 66; RIDLEY, Fl. Mal. Pen. 1 (1922) 492; — *Lepisanthes hirta* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 494; — *Erioglossum rubiginosum* (ROXB.) BL.; CORNER, Ways. Trees 1st ed. (1940) 587; CORNER, Ways. Trees, 3rd ed. (1988) 679.
- 2253 **Mischocarpus pentapetalus** (ROXB.) RADLK.; VAN DER HAM, Blumea 23 (1977) 271; YAP, Tree Fl. Malaya 4 (1989) 449; KENG, Conc. Fl. Sing. (1990) 120; — *M. fuscescens* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; — *M. sumatranus* BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 508; BURKILL, Dict. (1935) 1480; CORNER, Ways. Trees 1st ed. (1940) 589; CORNER, Ways. Trees, 3rd ed. (1988) 681.
- 2254 **Mischocarpus sundaicus** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; BURKILL, Dict. (1935) 1479; CORNER, Ways. Trees 1st ed. (1940) 589; VAN DER HAM, Blumea 23 (1977) 281; CORNER, Ways. Trees, 3rd ed. (1988) 681; YAP, Tree Fl. Malaya 4 (1989) 449; — *M. lessertianus* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 508; BURKILL, Dict. (1935) 1479.

- 2255 **Nephelium cuspidatum** BL. *var. eriopetalum* (MIQ.) LEENH., *Blumea* 31 (1986) 389; YAP, *Tree Fl. Malaya* 4 (1989) 452; KENG, *Conc. Fl. Sing.* (1990) 121; — *N. eriopetalum* MIQ.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 66; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 502; CORNER, *Ways. Trees*, 3rd ed. (1988) 684.
- 2256 **Nephelium lappaceum** L.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 66; LEENHOUTS, *Blumea* 31 (1986) 398; CORNER, *Ways. Trees*, 3rd ed. (1988) 684; YAP, *Tree Fl. Malaya* 4 (1989) 453; KENG, *Conc. Fl. Sing.* (1990) 121.
- 2257 **Nephelium laurinum** BL.; LEENHOUTS, *Blumea* 31 (1986) 404; YAP, *Tree Fl. Malaya* 4 (1989) 453; — *N. rubescens* HIERN; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 66 ("*rufescens*"); RIDLEY, *Fl. Mal. Pen.* 1 (1922) 500; EJHC2 593; CORNER, *Ways. Trees*, 3rd ed. (1988) 686; KENG, *Conc. Fl. Sing.* (1990) 121; — *N. caudifolium* RIDL.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 500; — *N. herveyi* RIDL.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 500, *p.p.*
- 2258 **Nephelium ramboutan-ake** (LABILL.) LEENH., *Blumea* 31 (1986) 415; YAP, *Tree Fl. Malaya* 4 (1989) 454; KENG, *Conc. Fl. Sing.* (1990) 121; — *N. chryseum* (*non* BL.) RIDL.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 66 (*cult.*); — *N. mutabile* BL.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 501; CORNER, *Ways. Trees*, 3rd ed. (1988) 686.
- 2259 **Paranephelium macrophyllum** KING; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 67; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 509; CORNER, *Ways. Trees* 1st ed. (1940) 594; DAVIDS, *Blumea* 29 (1984) 432; CORNER, *Ways. Trees*, 3rd ed. (1988) 686; YAP, *Tree Fl. Malaya* 4 (1989) 456; KENG, *Conc. Fl. Sing.* (1990) 121.
- 2260 **Pometia pinnata** FORST.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 504; CORNER, *Ways. Trees*, 3rd ed. (1988) 688; YAP, *Tree Fl. Malaya* 4 (1989) 457; KENG, *Conc. Fl. Sing.* (1990) 121; — *P. alnifolia* RADLK.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 66; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 504; CORNER, *Ways. Trees*, 3rd ed. (1988) 688; — *P. gracilis* KING; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 66; — *P. macrocarpa* KURZ; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 503.
- 2261 **Trigonachras acuta** (HIERN) RADLK.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 66; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 507; CORNER, *Ways. Trees* 1st ed. (1940) 596; CORNER, *Ways. Trees*, 3rd ed. (1988) 689; YAP, *Tree Fl. Malaya* 4 (1989) 459; KENG, *Conc. Fl. Sing.* (1990) 121.
- 2262 **Xerospermum laevigatum** RADLK.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 497; BURKILL, *Dict.* (1935) 2272; LEENHOUTS, *Blumea* 28 (1983) 391; YAP, *Tree Fl. Malaya* 4 (1989) 461; — *X. unijugum* RADLK.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 497.
- 2263 **Xerospermum noronhianum** BL.; LEENHOUTS, *Blumea* 28 (1983) 394; YAP, *Tree Fl. Malaya* 4 (1989) 461; KENG, *Conc. Fl. Sing.* (1990) 121; — *X. muricatum* RADLK.; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 66; CORNER, *Ways. Trees* 1st ed. (1940) 456; CORNER, *Ways. Trees*, 3rd ed. (1988) 690; — *X. wallichii* KING; RIDLEY, *J. Str. Br. R. As. Soc.* 33 (1900) 66; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 498; BURKILL, *Dict.* (1935) 2272; — *X. echinulatum* RADLK.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 497; — *X. intermedium* RADLK.; RIDLEY, *Fl. Mal. Pen.* 1 (1922) 497.

SAPOTACEAE

- 2264 **Chrysophyllum lanceolatum** (BL.) DC.; NG, Tree Fl. Malaya 1 (1972) 396; KENG, Conc. Fl. Sing. (1990) 134; — *C. roxburghii* G. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 105; RIDLEY, Fl. Mal. Pen. 2 (1923) 257.
- 2265 **Ganua kingiana** (BRACE) VAN DEN ASSEM; NG, Tree Fl. Malaya 1 (1972) 399; KENG, Conc. Fl. Sing. (1990) 134; — *Bassia kingiana* BRACE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106 (“*kingii*”); RIDLEY, Fl. Mal. Pen. 2 (1923) 267; — *Madhuca kingiana* (BRACE) LAM; RIDLEY, Fl. Mal. Pen. 5 (1925) 319.
- 2266 **Ganua motleyana** (DE VR.) PIERRE *ex* DUBARD; NG, Tree Fl. Malaya 1 (1972) 399; KENG, Conc. Fl. Sing. (1990) 134; — *Bassia kingiana* BRACE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106; RIDLEY, Fl. Mal. Pen. 2 (1923) 271; — *Madhuca kingiana auct., non* (BRACE) LAM; RIDLEY, Fl. Mal. Pen. 5 (1925) 320; — *G. scortechinii* K. & G.) LAM; BURKILL, Dict. (1935) 1045.
- 2267 **Ganua sessilis** (KING & GAMBLE) LAM; NG, Tree Fl. Malaya 1 (1972) 399; KENG, Conc. Fl. Sing. (1990) 134; — *Payena sessilis* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 265.
- 2268 **Madhuca decipiens** SINCLAIR; NG, Tree Fl. Malaya 1 (1972) 405; — *Payena grandiflora* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 262, *p.p.*
- 2269 **Madhuca malaccensis** (CLARKE) LAM; RIDLEY, Fl. Mal. Pen. 5 (1925) 319; NG, Tree Fl. Malaya 1 (1972) 407; KENG, Conc. Fl. Sing. (1990) 134; — *Bassia malaccensis* (CLARKE) K. & G.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106; RIDLEY, Fl. Mal. Pen. 2 (1923) 268; — *Bassia elongata* (*non* MIQ.) RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 272.
- 2270a **Madhuca sericea** (MIQ.) LAM *var. sericea*; NG, Tree Fl. Malaya 1 (1972) 410; — *Bassia argentea* CLARKE; RIDLEY, Fl. Mal. Pen. 2 (1923) 270.
- 2270b **Madhuca sericea var. ridleyi** (GANDOGER) NG; NG, Tree Fl. Malaya 1 (1972) 410; KENG, Conc. Fl. Sing. (1990) 134.
- 2271 **Palaquium gutta** (HOOK. *f.*) BAILL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 274; NG, Tree Fl. Malaya 1 (1972) 420; CORNER, Ways. Trees, 3rd ed. (1988) 695; KENG, Conc. Fl. Sing. (1990) 134; — *Dichopsis gutta* (HOOK. *f.*) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106.
- 2272 **Palaquium hexandrum** (GRIFF.) BAILL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 277; NG, Tree Fl. Malaya 1 (1972) 421; KENG, Conc. Fl. Sing. (1990) 135.
- 2273 **Palaquium microphyllum** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 276; NG, Tree Fl. Malaya 1 (1972) 423; KENG, Conc. Fl. Sing. (1990) 135.
- 2274 **Palaquium obovatum** (GRIFF.) ENGL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 273; NG, Tree Fl. Malaya 1 (1972) 423; CORNER, Ways. Trees, 3rd ed. (1988) 695; KENG, Conc. Fl. Sing. (1990) 135; — *Dichopsis obovata* (GRIFF.) CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106.
- 2275 **Palaquium oxleyanum** PIERRE; RIDLEY, Fl. Mal. Pen. 2 (1923) 275; NG, Tree Fl. Malaya 1 (1972) 424; KENG, Conc. Fl. Sing. (1990) 135.

- 2276 **Palaquium ridleyi** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 276; NG, Tree Fl. Malaya 1 (1972) 426; KENG, Conc. Fl. Sing. (1990) 135; — *Mimusops hexandra* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106.
- 2277 **Palaquium rostratum** (MIQ.) BURCK; NG, Tree Fl. Malaya 1 (1972) 426; KENG, Conc. Fl. Sing. (1990) 135; — *P. bancanum* BURCK; RIDLEY, Fl. Mal. Pen. 2 (1923) 275; — *P. calophylloides* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 276; — *Bassia cuneata* BL. *sensu* RIDLEY (Ridley 6502, see Ng *loc. cit.* 413); RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106; RIDLEY, Fl. Mal. Pen. 2 (1923) 272.
- 2278 **Palaquium xanthochymum** (DE VR.) PIERRE; RIDLEY, Fl. Mal. Pen. 2 (1923) 275; NG, Tree Fl. Malaya 1 (1972) 428; KENG, Conc. Fl. Sing. (1990) 135; — *Dichopsis rubens* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106.
- ? 2279 **Payena leerii** (T. & B.) KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 106; RIDLEY, Fl. Mal. Pen. 2 (1923) 263; NG, Tree Fl. Malaya 1 (1972) 438.
- One dubiously localised sheet.
- 2280 **Payena lucida** (G. DON) DC.; RIDLEY, Fl. Mal. Pen. 2 (1923) 263; NG, Tree Fl. Malaya 1 (1972) 433; KENG, Conc. Fl. Sing. (1990) 135; — *P. dasphylla* (MIQ.) PIERRE *var. glabrata* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 265.
- 2281 **Payena maingayi** CLARKE; RIDLEY, Fl. Mal. Pen. 2 (1923) 262; NG, Tree Fl. Malaya 1 (1972) 433; KENG, Conc. Fl. Sing. (1990) 135; — *P. grandiflora* RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 262, *p.p.*
- 2282 **Payena obscura** BURCK; NG, Tree Fl. Malaya 1 (1972) 433; KENG, Conc. Fl. Sing. (1990) 135; — *P. havilandii* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 263.
- 2283 **Planchonella maingayi** (CLARKE) VAN ROYEN; NG, Tree Fl. Malaya 1 (1972) 436; KENG, Conc. Fl. Sing. (1990) 135; — *Sideroxylon maingayi* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 105; RIDLEY, Fl. Mal. Pen. 2 (1923) 258; — *Lucuma maingayi* (CLARKE) DUBARD; BURKILL, Dict. (1935) 1369.
- 2284 **Planchonella obovata** (R. BR.) PIERRE; BURKILL, Dict. (1935) 1765; NG, Tree Fl. Malaya 1 (1972) 437; CORNER, Ways. Trees, 3rd ed. (1988) 696; KENG, Conc. Fl. Sing. (1990) 135; — *Sideroxylon ferrugineum* HOOK. & ARN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 105; RIDLEY, Fl. Mal. Pen. 2 (1923) 259.
- 2285 **Pouteria malaccensis** (CLARKE) BAEHNI; NG, Tree Fl. Malaya 1 (1972) 438; KENG, Conc. Fl. Sing. (1990) 135; — *Sideroxylon malaccense* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 105; RIDLEY, Fl. Mal. Pen. 2 (1923) 258; — *Lucuma malaccensis* (CLARKE) DUBARD.

SARCOSPERMATACEAE

- 2286 **Sarcosperma paniculatum** (KING) STAPP & KING; KING & GAMBLE, J. As. Soc. Bengal 74 (1905) 160; RIDLEY, Fl. Mal. Pen. 2 (1923) 260; LAM, Fl. Males. I 4¹ (1948) 32; NG, Tree Fl. Malaya 1 (1972) 440.

SAXIFRAGACEAE

- 2287 **Polyosma conocarpa** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 684; SAW, Tree Fl. Malaya 4 (1989) 464; — *P. integrifolia* BL. var. *mutabilis* KHULZE-MENZ; KENG, Conc. Fl. Sing. (1990) 25.
- 2288 **Polyosma kingiana** SCHLTR.; SAW, Tree Fl. Malaya 4 (1989) 466; KENG, Conc. Fl. Sing. (1990) 25; — *P. flavo-virens* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 686.
- 2289 **Polyosma ridleyi** KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 78; RIDLEY, Fl. Mal. Pen. 1 (1922) 686; SAW, Tree Fl. Malaya 4 (1989) 468.

SCHISANDRACEAE

- 2290 **Kadsura scandens** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 38; RIDLEY, Fl. Mal. Pen. 1 (1922) 20; KENG, Conc. Fl. Sing. (1990) 9; — *K. cauliflora* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 38; RIDLEY, Fl. Mal. Pen. 1 (1922) 20.

SCROPHULARIACEAE

- 2291 **Adenosma indicum** (LOUR.) MERR.; KENG, Conc. Fl. Sing. (1990) 179; — *A. capitatum* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118; RIDLEY, Fl. Mal. Pen. 2 (1923) 474; HENDERSON, Mal. Wild Fl. Dic. (1959) 330.
- 2292 **Adenosma inopinatum** PRAIN; RIDLEY, Fl. Mal. Pen. 2 (1923) 474; KENG, Conc. Fl. Sing. (1990) 179; — *A. caeruleum* R. BR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118; RIDLEY, Fl. Mal. Pen. 2 (1923) 474; HENDERSON, Mal. Wild Fl. Dic. (1959) 330.
- 2293 **Adenosma javanicum** (BL.) KOORD.; KENG, Conc. Fl. Sing. (1990) 179; — *A. ovatum* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118; RIDLEY, Fl. Mal. Pen. 2 (1923) 474; HENDERSON, Mal. Wild Fl. Dic. (1959) 329.
- A 2294 **Bacopa monnieri** (L.) PENNELL; KENG, Conc. Fl. Sing. (1990) 179; CORLETT, J. Biogeog. 19 (1992) 427; — *Herpestis monnieri* (L.) H.B.K.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118; RIDLEY, Fl. Mal. Pen. 2 (1923) 475.
- 2295 **Centranthera tranquebarica** (SPRENG.) MERR.; KENG, Conc. Fl. Sing. (1990) 179; — *C. humifusa* WALL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 487.
- 2296 **Legazpia polygonoides** (BENTH.) YAMAZAKI, J. Jap. Bot.; 30 (1955) 359; — *Torenia polygonoides* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118; RIDLEY, Fl. Mal. Pen. 2 (1923) 482; HENDERSON, Mal. Wild Fl. Dic. (1959) 331; KENG, Conc. Fl. Sing. (1990) 180.
- 2297 **Limnophila chinensis** (OSB.) MERR. ssp. **aromatica** (LAM.) YAMAZAKI; YAMAZAKI, J. Fac. Sci. Univ. Tokyo III 13 (1985) 600; — *L. gratissima* BL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 478; — *L. aromatica* (LAMK.) MERR.; HENDERSON, Mal. Wild Fl. Dic. (1959) 327; PHILCOX, Kew Bull. 24 (1970) 145; KENG, Conc. Fl. Sing. (1990) 179.

- 2298 ***Limnophila laxa*** BENTH.; RIDLEY, Fl. Mal. Pen. 2 (1923) 478; PHILCOX, Kew Bull. 24 (1970) 161; KENG, Conc. Fl. Sing. (1990) 179; — *L. pulcherrima* [non (GRIFF.) HOOK. f.] HOOK. f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118, *p.p.*
- 2299 ***Limnophila sessiliflora*** (VAHL) BL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 478; PHILCOX, Kew Bull. 24 (1970) 112; KENG, Conc. Fl. Sing. (1990) 179.
- 2300 ***Limnophila villosa*** BL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 477; PHILCOX, Kew Bull. 24 (1970) 141; KENG, Conc. Fl. Sing. (1990) 179; — *L. pulcherrima sensu* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118, *p.p.*
- 2301 ***Lindernia anagallis*** (BURM. f.) PENNELL; PHILCOX, Kew Bull. 22 (1968) 45; KENG, Conc. Fl. Sing. (1990) 179; — *Vandellia pedunculata* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118; RIDLEY, Fl. Mal. Pen. 2 (1923) 481; HENDERSON, Mal. Wild Fl. Dic. (1959) 333.
- 2302 ***Lindernia antipoda*** (L.) ALSTON; PHILCOX, Kew Bull. 22 (1968) 57; KENG, Conc. Fl. Sing. (1990) 179; — *Bonnaya veronicaefolia* (RETZ.) SPRENG.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118; RIDLEY, Fl. Mal. Pen. 2 (1923) 486; HENDERSON, Mal. Wild Fl. Dic. (1959) 334.
- 2303 ***Lindernia ciliata*** (COLSM.) PENNELL; PHILCOX, Kew Bull. 22 (1968) 51; KENG, Conc. Fl. Sing. (1990) 179; — *Bonnaya brachiata* LINK & OTTO; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119; RIDLEY, Fl. Mal. Pen. 2 (1923) 485.
- 2304 ***Lindernia crustacea*** (L.) F.V.MUELL.; HENDERSON, Mal. Wild Fl. Dic. (1959) 333; PHILCOX, Kew Bull. 22 (1968) 17; KENG, Conc. Fl. Sing. (1990) 180; — *Vandellia crustacea* (L.) BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118; RIDLEY, Fl. Mal. Pen. 2 (1923) 479.
- 2305 ***Lindernia elata*** (BENTH.) WETTST.; YAMAZAKI, J. Fac. Sci. Univ. Tokyo, Sect. III 13 (1981) 20; — *Vandellia elata* BENTH.; RIDLEY, Fl. Mal. Pen. 2 (1923) 481.
- 2306 ***Lindernia pusilla*** (WILLD.) BOLDINGH; PHILCOX, Kew Bull. 22 (1968) 41; — *Vandellia scabra* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118; RIDLEY, Fl. Mal. Pen. 2 (1923) 480.
- 2307 ***Lindernia ruelliioides*** (COLSM.) PENNELL; PHILCOX, Kew Bull. 22 (1968) 54; KENG, Conc. Fl. Sing. (1990) 180; — *Bonnaya reptans* (ROXB.) SPRENG.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119; RIDLEY, Fl. Mal. Pen. 2 (1923) 485.
- A 2308 ***Lindernia sessiliflora*** (BENTH.) WETTST.; SINCLAIR, Gard. Bull. Sing. 15 (1956) 24; PHILCOX, Kew Bull. 22 (1968) 10; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 180; — *L. nummulariifolia* (D. DON) WETTST.; SMITH, Fl. Vit. Nov. 5 (1991) 80.
- 2309 ***Lindernia viscosa*** (HORNEB.) BOLDINGH; PHILCOX, Kew Bull. 22 (1968) 38; YAMAZAKI, J. Fac. Sci. Univ. Tokyo III 13 (1981) 34; KENG, Conc. Fl. Sing. (1990) 180; — *Vandellia hirsuta* HAM. ex BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 118; RIDLEY, Fl. Mal. Pen. 2 (1923) 480.
- 2310 ***Mazus pumilus*** (BURM. f.) VAN STEEN.; CRAMER, Rev. Handb. Fl. Ceyl. 3 (1981) 445; — *M. rugosus* LOUR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 117; RIDLEY, Fl. Mal. Pen. 2 (1923) 473; KENG, Conc. Fl. Sing. (1990) 180.

- 2311 **Microcarpaea minima** (KOEN. *ex* RETZ.) MERR.; KENG, Conc. Fl. Sing. (1990) 180; — *M. muscosa* R. BR.; RIDLEY, Fl. Mal. Pen. 2 (1923) 486.
- A 2312 **Scoparia dulcis** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119; RIDLEY, Fl. Mal. Pen. 2 (1923) 488; HENDERSON, Mal. Wild Fl. Dic. (1959) 328; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 180.
- 2313 **Stemodia verticillata** (MILL.) HASSLER; SINCLAIR, Gard. Bull. Sing. 15 (1956) 24.
- 2314 **Striga asiatica** (L.) O.KTZE.; HENDERSON, Mal. Wild Fl. Dic. (1959) 328; KENG, Conc. Fl. Sing. (1990) 180; — *S. lutea* LOUR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 119; — *S. hirsuta* BENTH.; RIDLEY, Fl. Mal. Pen. 2 (1923) 487.

SIMAROUBACEAE

- 2315 **Ailanthus integrifolia** LAM.; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 346.
- 2316 **Brucea javanica** (L.) MERR.; NOOTEBOOM, Fl. Males. I 6² (1962) 211; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 348; CORNER, Ways. Trees, 3rd ed. (1988) 698; KENG, Conc. Fl. Sing. (1990) 99; — *B. sumatrana* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 57; RIDLEY, Fl. Mal. Pen. 1 (1922) 361; — *B. amarissima* DESV. *ex* GOMES; CORNER, Ways. Trees 1st ed. (1940) 603.
- 2317 **Eurycoma longifolia** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 57; RIDLEY, Fl. Mal. Pen. 1 (1922) 362; BURKILL, Dict. (1935) 984; CORNER, Ways. Trees 1st ed. (1940) 604; NOOTEBOOM, Fl. Males. I 6² (1962) 205; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 349; CORNER, Ways. Trees, 3rd ed. (1988) 699; KENG, Conc. Fl. Sing. (1990) 99.
- 2318 **Irvingia malayana** OLIV. *ex* BENN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 57; RIDLEY, Fl. Mal. Pen. 1 (1922) 364; CORNER, Ways. Trees 1st ed. (1940) 604; NOOTEBOOM, Fl. Males. I 6² (1962) 225; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 350; CORNER, Ways. Trees, 3rd ed. (1988) 699; KENG, Conc. Fl. Sing. (1990) 99.
- 2319 **Quassia indica** (GAERTN.) NOOTEB.; NOOTEBOOM, Fl. Males. I 6² (1962) 199; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 352; KENG, Conc. Fl. Sing. (1990) 99; — *Samadera indica* GAERTN.; RIDLEY, Fl. Mal. Pen. 1 (1922) 363; BURKILL, Dict. (1935) 1945.

SMILACACEAE

- 2320 **Heterosmilax indica** A. DC.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 90; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 108; RIDLEY, Fl. Mal. Pen. 4 (1924) 344; KENG, Gard. Bull. Sing. 40 (1987) 118.
- 2321 **Smilax bracteata** PRESL *var.* **barbata** (WALL. *ex* DC.) KOYAMA; KENG, Gard. Bull. Sing. 40 (1987) 119; — *S. barbata* WALL. *ex* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 168; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 106; RIDLEY, Fl. Mal. Pen. 4 (1924) 342; HENDERSON, Mal. Wild Fl. Monoc. (1954) 181.

- 2322 **Smilax calophylla** WALL. *ex* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 168; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 102; RIDLEY, Fl. Mal. Pen. 4 (1924) 339; HENDERSON, Mal. Wild Fl. Monoc. (1954) 180; KENG, Gard. Bull. Sing. 40 (1987) 119.
- 2323 **Smilax carbularia** KUNTH. *var. woodii* (MERR.) KOYAMA; — *S. woodii* MERR.; SINCLAIR, Gard. Bull. Sing. 14 (1953) 36.
- 2324 **Smilax leucophylla** BL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 106; RIDLEY, Fl. Mal. Pen. 4 (1924) 343; KENG, Gard. Bull. Sing. 40 (1987) 119.
- 2325 **Smilax megacarpa** DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 168; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 104; RIDLEY, Fl. Mal. Pen. 4 (1924) 341; HENDERSON, Mal. Wild Fl. Monoc. (1954) 180; KENG, Gard. Bull. Sing. 40 (1987) 119.
- 2326 **Smilax myosotiflora** DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 168; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 103; RIDLEY, Fl. Mal. Pen. 4 (1924) 340; HENDERSON, Mal. Wild Fl. Monoc. (1954) 180; KENG, Gard. Bull. Sing. 40 (1987) 119.

SOLANACEAE

- 2327 **Physalis minima** L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 470; HENDERSON, Mal. Wild Fl. Dic. (1959) 325; KENG, Conc. Fl. Sing. (1990) 177.
- A 2328 **Solanum ferox** L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 467; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 177.
- 2329 **Solanum nigrum** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 117; RIDLEY, Fl. Mal. Pen. 2 (1923) 465; HENDERSON, Mal. Wild Fl. Dic. (1959) 323; KENG, Conc. Fl. Sing. (1990) 178.
- A 2330 **Solanum sarmentosum** NEES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 117; RIDLEY, Fl. Mal. Pen. 2 (1923) 469; CORLETT, J. Biogeog. (1988) 663.
- A 2331 **Solanum torvum** SW.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 117; RIDLEY, Fl. Mal. Pen. 2 (1923) 468; HENDERSON, Mal. Wild Fl. Dic. (1959) 324; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 178.

SONNERATIACEAE

- 2332 **Sonneratia alba** J.J. SMITH; BACKER & VAN STEENIS, Fl. Males. I 4³ (1951) 285; WHITMORE, Tree Fl. Malaya 1 (1972) 445; CORNER, Ways. Trees, 3rd ed. (1988) 476; KENG, Conc. Fl. Sing. (1990) 83; — *S. griffithii* (*non* KURZ) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86; RIDLEY, Fl. Mal. Pen. 1 (1922) 825, *p.p.*; WATSON, Malay. For. Rec. 6 (1928) 120.
- 2333 **Sonneratia caseolaris** (L.) ENGL.; BURKILL, Dict. (1935) 2052; BACKER & VAN STEENIS, Fl. Males. I 4³ (1951) 283; WHITMORE, Tree Fl. Malaya 1 (1972) 445; CORNER, Ways. Trees, 3rd ed. (1988) 476; KENG, Conc. Fl. Sing. (1990) 83; — *S. acida* L. *f.*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86; RIDLEY, Fl. Mal. Pen. 1 (1922) 825; WATSON, Malay. For. Rec. 6 (1928) 121.

- 2334 **Sonneratia ovata** BACKER; BACKER & VAN STEENIS, Fl. Males. I 4³ (1951) 285; SINCLAIR, Gard. Bull. Sing. 14 (1953) 37; WHITMORE, Tree Fl. Malaya 1 (1972) 445; CORNER, Ways. Trees, 3rd ed. (1988) 476; KENG, Conc. Fl. Sing. (1990) 84; — *S. alba* (non J.J. SMITH) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 86; RIDLEY, Fl. Mal. Pen. 1 (1922) 825; WATSON, Malay. For. Rec. 6 (1928) 120.

STAPHYLEACEAE

- 2335 **Turpinia sphaerocarpa** HASSK.; VAN DER LINDEN, Fl. Males. I 6¹ (1960) 57; WHITMORE, Tree Fl. Malaya 1 (1972) 448; KENG, Conc. Fl. Sing. (1990) 121; — *T. pomifera* [non (ROXB.) DC.] KING, RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 67; — *T. latifolia* WALL. ex RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 512; — *T. laxiflora* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 512; VAN DER LINDEN, Fl. Males. I 6¹ (1960) 57.

STERCULIACEAE

- 2336 **Byttneria maingayi** MAST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53; RIDLEY, Fl. Mal. Pen. 1 (1922) 286; MAXWELL, Gard. Bull. Sing. 35 (1983) 198; KENG, Conc. Fl. Sing. (1990) 92.
- 2337 **Commersonia bartramia** (L.) MERR.; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 357; CORNER, Ways. Trees, 3rd ed. (1988) 704; KENG, Conc. Fl. Sing. (1990) 92; — *C. platyphylla* ANDR.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53; RIDLEY, Fl. Mal. Pen. 1 (1922) 288.
- 2338 **Heritiera borneensis** (MERR.) KOSTERM.; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 360; KENG, Conc. Fl. Sing. (1990) 92; — *Tarrietia unifoliata* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 279.
- 2339 **Heritiera elata** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 280; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 361; KENG, Conc. Fl. Sing. (1990) 92; — *Heritiera* sp.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53.
- 2340 **Heritiera littoralis** DRYAND. ex W. AIT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53; RIDLEY, Fl. Mal. Pen. 1 (1922) 279; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 361; CORNER, Ways. Trees, 3rd ed. (1988) 708; KENG, Conc. Fl. Sing. (1990) 92.
- 2341 **Heritiera simplicifolia** (MAST.) KOSTERM.; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 363; KENG, Conc. Fl. Sing. (1990) 92; — *Tarrietia simplicifolia* MAST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53; RIDLEY, Fl. Mal. Pen. 1 (1922) 278.
- 2342 **Kleinhovia hospita** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 280; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 364; CORNER, Ways. Trees, 3rd ed. (1988) 708; KENG, Conc. Fl. Sing. (1990) 92.
- 2343 **Melochia corchorifolia** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53; RIDLEY, Fl. Mal. Pen. 1 (1922) 284; HENDERSON, Mal. Wild Fl. Dic. (1959) 41; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 366; KENG, Conc. Fl. Sing. (1990) 92.
- 2344 **Pterocymbium tubulatum** (MAST.) PIERRE; RIDLEY, Fl. Mal. Pen. 1 (1922) 277; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 367; MAXWELL, Gard. Bull. Sing. 36 (1983) 232; KENG, Conc. Fl. Sing. (1990) 92.

- 2345 **Pterospermum diversifolium** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53; RIDLEY, Fl. Mal. Pen. 1 (1922) 282; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 368; CORNER, Ways. Trees, 3rd ed. (1988) 710; KENG, Conc. Fl. Sing. (1990) 92.
- 2346 **Pterospermum javanicum** JUNGH.; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 368; CORNER, Ways. Trees, 3rd ed. (1988) 710; KENG, Conc. Fl. Sing. (1990) 92; — *P. blumeanum* KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53; RIDLEY, Fl. Mal. Pen. 1 (1922) 283.
- 2347 **Scaphium linearicarpum** (MAST.) PIERRE; RIDLEY, Fl. Mal. Pen. 1 (1922) 275; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 374; CORNER, Ways. Trees, 3rd ed. (1988) 714; KENG, Conc. Fl. Sing. (1990) 92.
- 2348 **Scaphium macropodum** (MIQ.) BEUMEE *ex* HEYNE; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 374; CORNER, Ways. Trees, 3rd ed. (1988) 714; KENG, Conc. Fl. Sing. (1990) 93; — *Sterculia scaphigera* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 52; — *S. affine* (MAST.) PIERRE; RIDLEY, Fl. Mal. Pen. 1 (1922) 275.
- 2349 **Sterculia bicolor** MAST.; RIDLEY, Fl. Mal. Pen. 1 (1922) 274; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 378; KENG, Conc. Fl. Sing. (1990) 93.
- 2350 **Sterculia coccinea** JACK; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 377; CORNER, Ways. Trees, 3rd ed. (1988) 715; KENG, Conc. Fl. Sing. (1990) 93; — *S. laevis* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 52; RIDLEY, Fl. Mal. Pen. 1 (1922) 269.
- 2351 **Sterculia cordata** BL.; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 378; KENG, Conc. Fl. Sing. (1990) 93; — *S. javanica* R. BR.; RIDLEY, Fl. Mal. Pen. 1 (1922) 274.
- 2352 **Sterculia elongata** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 270; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 377; KENG, Conc. Fl. Sing. (1990) 93.
- 2353 **Sterculia macrophylla** VENT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 52; RIDLEY, Fl. Mal. Pen. 1 (1922) 268; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 382; CORNER, Ways. Trees, 3rd ed. (1988) 716; KENG, Conc. Fl. Sing. (1990) 93.
- 2354 **Sterculia parviflora** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 52; RIDLEY, Fl. Mal. Pen. 1 (1922) 271; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 382; CORNER, Ways. Trees, 3rd ed. (1988) 716; KENG, Conc. Fl. Sing. (1990) 93.
- 2355 **Sterculia rubiginosa** VENT.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 52; RIDLEY, Fl. Mal. Pen. 1 (1922) 271; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 378; CORNER, Ways. Trees, 3rd ed. (1988) 717; KENG, Conc. Fl. Sing. (1990) 93.
- 2356 **Waltheria indica** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 285; HENDERSON, Mal. Wild Fl. Dic. (1959) 41; SINCLAIR, Gard. Bull. Sing. 15 (1956) 23.

STYRACACEAE

- 2357 **Styrax benzoin** DRYAND.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 108; RIDLEY, Fl. Mal. Pen. 2 (1923) 297; BURKILL, Dict. (1935) 2105; VAN STEENIS, Fl. Males. I 4² (1949) 52; PUTZ & NG, Tree Fl. Malaya 3 (1978) 263; KENG, Conc. Fl. Sing. (1990) 136.

- 2358 ***Styrax crotonoides*** CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 108; RIDLEY, Fl. Mal. Pen. 2 (1923) 298; BURKILL, Dict. (1935) 2107; VAN STEENIS, Fl. Males. I 4² (1949) 53; PUTZ & NG, Tree Fl. Malaya 3 (1978) 263; KENG, Conc. Fl. Sing. (1990) 137.

SYMPLOCACEAE

- 2359 ***Symplocos adenophylla*** WALL. *ex* G. DON; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107; RIDLEY, Fl. Mal. Pen. 2 (1923) 303; NOOTEBOOM; Fl. Males. I 8² (1977) 239; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 268; KENG, Conc. Fl. Sing. (1990) 137.
- 2360 ***Symplocos barringtonifolia*** BRAND; NOOTEBOOM; Fl. Males. I 8² (1977) 242; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 268; KENG, Conc. Fl. Sing. (1990) 137; — *S. rigida* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107; RIDLEY, Fl. Mal. Pen. 2 (1923) 306.
- 2361 ***Symplocos celastrifolia*** GRIFF. *ex* CLARKE; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107; ; RIDLEY, Fl. Mal. Pen. 2 (1923) 302; NOOTEBOOM; Fl. Males. I 8² (1977) 244; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 269; KENG, Conc. Fl. Sing. (1990) 137.
- 2362 ***Symplocos fasciculata*** ZOLL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107; RIDLEY, Fl. Mal. Pen. 2 (1923) 301; CORNER, Ways. Trees 1st ed. (1940) 622; NOOTEBOOM; Fl. Males. I 8² (1977) 259; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 270; CORNER, Ways. Trees, 3rd ed. (1988) 718; KENG, Conc. Fl. Sing. (1990) 137.
- 2363 ***Symplocos lucida*** (THUNB.) S. & Z.; NOOTEBOOM; Fl. Males. I 8² (1977) 264; — *S. ridleyi* KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 302; — *Symplocos* sp. "Donoon"; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 108.
- 2364 ***Symplocos odoratissima*** (BL.) CHOISY *ex* ZOLL.; K&G 233; RIDLEY, Fl. Mal. Pen. 2 (1923) 299; NOOTEBOOM; Fl. Males. I 8² (1977) 266; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 272; KENG, Conc. Fl. Sing. (1990) 137; — *S. pulverulenta* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 300.
- 2365 ***Symplocos rubiginosa*** WALL. *ex* DC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 107; RIDLEY, Fl. Mal. Pen. 2 (1923) 306; NOOTEBOOM; Fl. Males. I 8² (1977) 271; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 273; KENG, Conc. Fl. Sing. (1990) 137.

TACCACEAE

- 2366 ***Tacca integrifolia*** KER-GAWL.; DRENTH, Fl. Males. I 7(4) 811, KENG, Gard. Bull. Sing. 40 (1987) 121, — *T. cristata* JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 167, RIDL., RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) (1907) 77; RIDLEY, Fl. Mal. Pen. 4 (1924) 310; HENDERSON, Mal. Wild Fl. Monoc. (1954) 187; — *T. chantrieri* (non ANDRÉ) RIDL. RIDLEY, Fl. Mal. Pen. 4 (1924) 309.
- 2367 ***Tacca leontopetaloides*** (L.) O. KUNTZE; DRENTH, Fl. Males. I 7(4) 809; KENG, Gard. Bull. Sing. 40 (1987) 121, — *T. pinnatifida* J. R. & G. FORST.; RIDL., RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) (1907) 76; RIDLEY, Fl. Mal. Pen. 4 (1924) 309; SINCLAIR, Gard. Bull. Sing. 14 (1953) 36; HENDERSON, Mal. Wild Fl. Monoc. (1954) 188.

TETRAMERISTACEAE

- 2368 **Tetramerista glabra** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 57; RIDLEY, Fl. Mal. Pen. 1 (1922) 367; KENG, Tree Fl. Malaya 4 (1989) 470; KENG, Conc. Fl. Sing. (1990) 50.

THEACEAE

- 2369 **Adinandra acuminata** KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48; RIDLEY, Fl. Mal. Pen. 1 (1922) 194; KENG, Tree Fl. Malaya 3 (1978) 277; CORNER, Ways. Trees, 3rd ed. (1988) 721; KENG, Conc. Fl. Sing. (1990) 50.
- 2370 **Adinandra dumosa** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48; RIDLEY, Fl. Mal. Pen. 1 (1922) 194; KENG, Tree Fl. Malaya 3 (1978) 278; CORNER, Ways. Trees, 3rd ed. (1988) 721; KENG, Conc. Fl. Sing. (1990) 50.
- 2371 **Adinandra integerrima** T. ANDERS. *ex* DYER; RIDLEY, Fl. Mal. Pen. 3 (1924) 196; KENG, Tree Fl. Malaya 3 (1978) 279; — *A. hullettii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48; RIDLEY, Fl. Mal. Pen. 3 (1924) 196; KENG, Conc. Fl. Sing. (1990) 50.
- 2372 **Eurya acuminata** DC.; RIDLEY, Fl. Mal. Pen. 1 (1922) 199; KENG, Tree Fl. Malaya 3 (1978) 282; CORNER, Ways. Trees, 3rd ed. (1988) 722; KENG, Conc. Fl. Sing. (1990) 50; — *E. monticola* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 199.
- 2373 **Gordonia multinervis** KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 203; KENG, Tree Fl. Malaya 3 (1978) 286; KENG, Conc. Fl. Sing. (1990) 50.
- 2374 **Gordonia penangensis** RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 203; KENG, Tree Fl. Malaya 3 (1978) 286; KENG, Conc. Fl. Sing. (1990) 50; — *G. excelsa* (*non* BL.) KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 49.
- 2375 **Gordonia singaporiana** WALL. *ex* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 202; KENG, Tree Fl. Malaya 3 (1978) 286; CORNER, Ways. Trees, 3rd ed. (1988) 723; KENG, Conc. Fl. Sing. (1990) 50.
- 2376 **Pyrenaria acuminata** PLANCH. *ex* CHOISY; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 49; RIDLEY, Fl. Mal. Pen. 1 (1922) 200; KENG, Tree Fl. Malaya 3 (1978) 290; CORNER, Ways. Trees, 3rd ed. (1988) 725; KENG, Conc. Fl. Sing. (1990) 50.
- 2377 **Ternstroemia bancana** MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 197; KENG, Tree Fl. Malaya 3 (1978) 293; KENG, Conc. Fl. Sing. (1990) 50; — *Adinandramiquelii* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48.
- 2378 **Ternstroemia penangiana** CHOISY; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48, *p.p.*; RIDLEY, Fl. Mal. Pen. 1 (1922) 197; KENG, Tree Fl. Malaya 3 (1978) 295.
- 2379 **Ternstroemia wallichiana** (GRIFF.) ENGL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 198; KENG, Tree Fl. Malaya 3 (1978) 295; KENG, Conc. Fl. Sing. (1990) 50; — *T. penangiana* (*non* CHOISY) DYER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 48, *p.p.*

THYMELAEACEAE

- 2380 **Aquilaria hirta** RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 148; DING HOU, Fl. Males. I 6¹ (1960) 12; WHITMORE, Tree Fl. Malaya 2 (1973) 385; KENG, Conc. Fl. Sing. (1990) 86; — *A. grandiflora*; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 132.
- 2381 **Aquilaria malaccensis** LAMK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 132; RIDLEY, Fl. Mal. Pen. 3 (1924) 147; CORNER, Ways. Trees 1st ed. (1940) 632; DING HOU, Fl. Males. I 6¹ (1960) 9; WHITMORE, Tree Fl. Malaya 2 (1973) 385; CORNER, Ways. Trees, 3rd ed. (1988) 729; KENG, Conc. Fl. Sing. (1990) 86.
- 2382 **Aquilaria microcarpa** BAILL.; DING HOU, Fl. Males. I 6¹ (1960) 9; WHITMORE, Tree Fl. Malaya 2 (1973) 385.
- 2383 **Enkleia malaccensis** GRIFF.; RIDLEY, Fl. Mal. Pen. 3 (1924) 147; DING HOU, Fl. Males. I 6¹ (1960) 25; WHITMORE, Tree Fl. Malaya 2 (1973) 384; KENG, Conc. Fl. Sing. (1990) 86; — *Linostoma scandens* KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 133.
- 2384 **Linostoma pauciflorum** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 133; RIDLEY, Fl. Mal. Pen. 3 (1924) 146; DING HOU, Fl. Males. I 6¹ (1960) 27; WHITMORE, Tree Fl. Malaya 2 (1973) 384; KENG, Conc. Fl. Sing. (1990) 86.
- A 2385 **Wikstroemia ridleyi** GAMBLE; RIDLEY, Fl. Mal. Pen. 3 (1924) 146; DING HOU, Fl. Males. I 6¹ (1960) 34; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 86.

TILIACEAE

- 2386 **Brownlowia argentata** KURZ; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 394; CORNER, Ways. Trees, 3rd ed. (1988) 732; KENG, Conc. Fl. Sing. (1990) 87; — *B. riedelii* HEMSL.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 292; WATSON, Malay. Forest Rec. 6 (1928) 77; — *B. lepidota* WARB.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 84 (*presumably B. lanceolata* of RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53).
- 2387 **Brownlowia tersa** (L.) KOSTERM.; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 394; CORNER, Ways. Trees, 3rd ed. (1988) 732; KENG, Conc. Fl. Sing. (1990) 87; — *B. lanceolata* BENTH.; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 84; RIDLEY, Fl. Mal. Pen. 1 (1922) 291; WATSON, Malay. Forest Rec. 6 (1928) 77; SINCLAIR, Gard. Bull. Sing. 14 (1953) 38; SINCLAIR, Gard. Bull. Sing. 15 (1956) 29.
- A 2388 **Corchorus aestuans** L.; HENDERSON, Mal. Wild Fl. Dic. (1959) 43; KENG, Conc. Fl. Sing. (1990) 87; — *C. acutangulus* LAMK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 54; RIDLEY, Fl. Mal. Pen. 1 (1922) 306; CORLETT, J. Biogeog. (1988) 663.
- 2389 **Grewia acuminata** JUSS.; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 397; KENG, Conc. Fl. Sing. (1990) 88; — *G. umbellata* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53; RIDLEY, Fl. Mal. Pen. 1 (1922) 300.

- 2390 **Microcos blattaefolia** (CORNER) RAO; J. Bombay Nat. Hist. Soc. 48 (1949) 300; — *Grewia latifolia* (non MUELL. ex BENTH.) MAST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 54; RIDLEY, Fl. Mal. Pen. 1 (1922) 300; — *Grewia blattaefolia* CORNER; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 399; CORNER, Ways. Trees, 3rd ed. (1988) 733; KENG, Conc. Fl. Sing. (1990) 88.
- 2391 **Microcos hirsutus** (KORTH.) BURRET, Notizbl. Bot. Gart. Berlin. 9 (1926) 764; — *G. fibrocarpa* (non MAST.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 54; — *G. omphacarpa* MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 301; — *Grewia hirsuta* [non VAHL] (KORTH.) KOCHUMMEN, Tree Fl. Malaya 2 (1973) 397; KENG, Conc. Fl. Sing. (1990) 88.
- 2392 **Pentace triptera** MAST.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 53; RIDLEY, Fl. Mal. Pen. 1 (1922) 293; KOCHUMMEN, Tree Fl. Malaya 2 (1973) 407; KENG, Conc. Fl. Sing. (1990) 88.
- 2393 **Triumfetta pseudo-cana** SPR. & CRAIB; RIDLEY, Fl. Mal. Pen. 1 (1922) 304; HENDERSON, Mal. Wild Fl. Dic. (1959) 45; KENG, Conc. Fl. Sing. (1990) 89.
- 2394 **Triumfetta rhomboidea** JACQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 54; RIDLEY, Fl. Mal. Pen. 1 (1922) 303; KENG, Conc. Fl. Sing. (1990) 88.

TRIGONIACEAE

- 2395 **Trigonistrum hypoleucum** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 45; RIDLEY, Fl. Mal. Pen. 1 (1922) 142; BURKILL, Dict. (1935) 2182; VAN STEENIS, Fl. Males. I 4² (1949) 59; NG, Tree Fl. Malaya 1 (1972) 449; KENG, Conc. Fl. Sing. (1990) 103.

TRIURIDACEAE

- 2396 **Sciaphila maculata** MIERS; VAN DE MEERENDONK, Fl. Males. I 10¹ (1984) 113; KENG, Gard. Bull. Sing. 40 (1987) 115; — *S. affinis* BECC.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 179; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 126; RIDLEY, Fl. Mal. Pen. 4 (1924) 364; HENDERSON, Mal. Wild Fl. Monoc. (1954) 203;
- 2397 **Sciaphila tenella** BL.; VAN DE MEERENDONK, Fl. Males. I 10¹ (1984) 113.

TURNERACEAE

- A 2398 **Turnera subulata** J.E. SMITH; BACKER, Fl. Males. I 4³ (1951) 236; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 42; — *T. trioniflora* SIMS; RIDLEY, Fl. Mal. Pen. 1 (1922) 838; BURKILL, Dict. (1935) 2193.
- A 2399 **Turnera ulmifolia** L.; RIDLEY, Fl. Mal. Pen. 1 (1922) 838; BURKILL, Dict. (1935) 2194; HENDERSON, Mal. Wild Fl. Dic. (1959) 169; BACKER, Fl. Males. I 4³ (1951) 237; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 42.

TYPHACEAE

- A 2400 **Typha angustifolia** L.; BACKER, Fl. Males. I 4³ (1951) 243; TAN *et al.*, Gard. Bull. Sing. 44 (1992) 132. — *T. angustata* BORY & CHAUBARD; HENDERSON, Mal. Wild Fl. Monoc. (1954) 211;

ULMACEAE

- 2401 **Gironniera hirta** RIDL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 321; SOEPADMO, Tree Fl. Malaya 2 (1973) 417; SOEPADMO, Fl. Males. I. 8(1) 74.
- 2402 **Gironniera nervosa** PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; RIDLEY, Fl. Mal. Pen. 3 (1924) 320; CORNER, Ways. Trees 1st ed. (1940) 688; SOEPADMO, Tree Fl. Malaya 2 (1973) 419; SOEPADMO, Fl. Males. I. 8(1) 74; CORNER, Ways. Trees, 3rd ed. (1988) 736; KENG, Conc. Fl. Sing. (1990) 66.
- 2403 **Gironniera parvifolia** PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; RIDLEY, Fl. Mal. Pen. 3 (1924) 321; CORNER, Ways. Trees 1st ed. (1940) 689; SOEPADMO, Tree Fl. Malaya 2 (1973) 419; SOEPADMO, Fl. Males. I. 8(1) 75; CORNER, Ways. Trees, 3rd ed. (1988) 736; KENG, Conc. Fl. Sing. (1990) 66.
- 2404 **Gironniera subaequalis** PLANCH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; RIDLEY, Fl. Mal. Pen. 3 (1924) 320; CORNER, Ways. Trees 1st ed. (1940) 690; SOEPADMO, Tree Fl. Malaya 2 (1973) 419; SOEPADMO, Fl. Males. I. 8(1) 75; CORNER, Ways. Trees, 3rd ed. (1988) 736; KENG, Conc. Fl. Sing. (1990) 66.
- 2405 **Trema angustifolia** (PLANCH.) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; RIDLEY, Fl. Mal. Pen. 3 (1924) 319; SOEPADMO, Tree Fl. Malaya 2 (1973) 421; SOEPADMO, Fl. Males. I. 8(1) 54; CORNER, Ways. Trees, 3rd ed. (1988) 738; KENG, Conc. Fl. Sing. (1990) 66.
- 2406 **Trema cannabina** LOUR.; SOEPADMO, Tree Fl. Malaya 2 (1973) 421; SOEPADMO, Fl. Males. I. 8(1) 50; CORNER, Ways. Trees, 3rd ed. (1988) 738; KENG, Conc. Fl. Sing. (1990) 66; — *T. timorensis* (DECNE) BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; — *T. virgata* (PLANCH.) BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 319.
- 2407 **Trema tomentosa** (ROXB.) HARA; SOEPADMO, Tree Fl. Malaya 2 (1973) 423; SOEPADMO, Fl. Males. I. 8(1) 53; CORNER, Ways. Trees, 3rd ed. (1988) 739; KENG, Conc. Fl. Sing. (1990) 66; — *T. orientalis* (non (L.) BL.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 143; — *T. amboinensis* (WILLD.) BL.; RIDLEY, Fl. Mal. Pen. 3 (1924) 319.

UMBELLIFERAE

- 2408 **Centella asiatica** (L.) URB.; BUWALDA, Fl. Males. I 4² (1949) 117; KENG, Conc. Fl. Sing. (1990) 132; — *Hydrocotyle asiatica* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 88; RIDLEY, Fl. Mal. Pen. 1 (1922) 869; HENDERSON, Mal. Wild Fl. Dic. (1959) 174.
- A 2409 **Eryngium foetidum** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 89; RIDLEY, Fl. Mal. Pen. 1 (1922) 870; BUWALDA, Fl. Males. I 4² (1949) 126; HENDERSON, Mal. Wild Fl. Dic. (1959) 175; CORLETT, J. Biogeog. (1988) 661; KENG, Conc. Fl. Sing. (1990) 132.
- 2410 **Hydrocotyle sibthorpioides** LAMK.; BUWALDA, Fl. Males. I 4² (1949) 115; KENG, Conc. Fl. Sing. (1990) 132; — *H. rotundifolia* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 89; RIDLEY, Fl. Mal. Pen. 1 (1922) 870.

URTICACEAE

- A 2411 **Boehmeria nivea** (L.) GAUD.; CHEW, Fl. Aust. 3 (1989) 85; KENG, Conc. Fl. Sing. (1990) 67.
- 2412 **Laportea interrupta** (L.) CHEW; CHEW, Gard. Bull. Sing. 25 (1969) 145; SAW, Tree Fl. Malaya 4 (1989) 473; CHEW, Fl. Aust. 3 (1989) 73; KENG, Conc. Fl. Sing. (1990) 67; — *Fleurya interrupta* (L.) WIGHT; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 148; RIDLEY, Fl. Mal. Pen. 3 (1924) 359; HENDERSON, Mal. Wild Fl. Dic. (1959) 467.
- 2413 **Nothocnide mollissima** (BL.) CHEW, Gard. Bull. Sing. 24 (1969) 365; SAW, Tree Fl. Malaya 4 (1989) 473; — *Pipturus mollissimus* (BL.) WEDD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 148; RIDLEY, Fl. Mal. Pen. 3 (1924) 367; HENDERSON, Mal. Wild Fl. Dic. (1959) 468; KENG, Conc. Fl. Sing. (1990) 68.
- 2414 **Pellionia repens** (LOUR.) MERR.; YAHARA, J. Fac. Sci. Univ. Tokyo III 13 (1984) 485; — *P. duveauana* N.E. BR.; RIDLEY, Fl. Mal. Pen. 3 (1924) 362; — *Elatostema repens* (LOUR.) HALL.f.; HENDERSON, Mal. Wild Fl. Dic. (1959) 470; KENG, Conc. Fl. Sing. (1990) 67.
- A 2415 **Pilea microphylla** (L.) LIEBM.; HENDERSON, Mal. Wild Fl. Dic. (1959) 46; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 67; — *P. muscosa* LINDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 148; RIDLEY, Fl. Mal. Pen. 3 (1924) 361.
- A 2416 **Pipturus argenteus** (FORST. f.) WEDD.; SAW, Tree Fl. Malaya 4 (1989) 476; KENG, Conc. Fl. Sing. (1990) 67.
- 2417 **Poikilospermum cordifolium** (BARG.-PETR.) MERR.; CHEW, Gard. Bull. Sing. 20 (1963) 66; — *Conocephalus amoenus* KING ex HOOK.f.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 148; RIDLEY, Fl. Mal. Pen. 3 (1924) 357.
- 2418 **Poikilospermum suaveolens** (BL.) MERR.; CHEW, Gard. Bull. Sing. 20 (1963) 88; KENG, Conc. Fl. Sing. (1990) 68; — *Conocephalus suaveolens* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 148; RIDLEY, Fl. Mal. Pen. 3 (1924) 357.
- 2419 **Pouzolzia zeylanica** (L.) BENN.; HENDERSON, Mal. Wild Fl. Dic. (1959) 469; CHEW, Fl. Aust. 3 (1989) 86; KENG, Conc. Fl. Sing. (1990) 68; — *P. indica* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 148; RIDLEY, Fl. Mal. Pen. 3 (1924) 366.

VERBENACEAE

- 2420 **Callicarpa longifolia** LAMK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; RIDLEY, Fl. Mal. Pen. 2 (1923) 616; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 301; KENG, Conc. Fl. Sing. (1990) 192.
- 2421 **Callicarpa maingayi** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 615; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 302.
- 2422 **Clerodendrum deflexum** WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 124; RIDLEY, Fl. Mal. Pen. 2 (1923) 624 (*incl. var. bracteatum* RIDL.); KOCHUMMEN, Tree Fl. Malaya 3 (1978) 304; CORNER, Ways. Trees, 3rd ed. (1988) 745; KENG, Conc. Fl. Sing. (1990) 192.

- 2423 **Clerodendrum inerme** (L.) GAERTN.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; RIDLEY, Fl. Mal. Pen. 2 (1923) 624; HENDERSON, Mal. Wild Fl. Dic. (1959) 385; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 304; KENG, Conc. Fl. Sing. (1990) 193.
- 2424 **Clerodendrum laevifolium** BL.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 305; CORNER, Ways. Trees, 3rd ed. (1988) 746; KENG, Conc. Fl. Sing. (1990) 193; — *C. dispariifolium* BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; RIDLEY, Fl. Mal. Pen. 2 (1923) 625.
- 2425 **Clerodendrum phyllomega** STEUD. var. **myrmecophilum** (RIDL.) MOLDENKE; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 304; KENG, Conc. Fl. Sing. (1990) 193; — *C. myrmecophilum* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 124; RIDLEY, Fl. Mal. Pen. 2 (1923) 627; HENDERSON, Mal. Wild Fl. Dic. (1959) 386.
- 2426 **Clerodendrum villosum** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 124; RIDLEY, Fl. Mal. Pen. 2 (1923) 627; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 304; CORNER, Ways. Trees, 3rd ed. (1988) 746; KENG, Conc. Fl. Sing. (1990) 193.
- 2427 **Duranta erecta** L.; CORNER, Ways. Trees, 3rd ed. (1988) 747; KENG, Conc. Fl. Sing. (1990) 193.
- 2428 **Gmelina asiatica** L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 622; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 306; CORNER, Ways. Trees, 3rd ed. (1988) 748; KENG, Conc. Fl. Sing. (1990) 193.
- 2429 **Gmelina elliptica** J.E. SMITH; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 306; CORNER, Ways. Trees, 3rd ed. (1988) 748; KENG, Conc. Fl. Sing. (1990) 193; — *G. villosa* ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; RIDLEY, Fl. Mal. Pen. 2 (1923) 623.
- 2430 **Gmelina philippinensis** CHAM.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 306; CORNER, Ways. Trees, 3rd ed. (1988) 748; KENG, Conc. Fl. Sing. (1990) 194; — *G. hystrix* SCHULTES; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; RIDLEY, Fl. Mal. Pen. 2 (1923) 623.
- A 2431 **Lantana camara** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 122; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 194; — *L. aculeata* L.; RIDLEY, Fl. Mal. Pen. 2 (1923) 612; HENDERSON, Mal. Wild Fl. Dic. (1959) 382.
- A 2432 **Lantana indica** ROXB.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 122; RIDLEY, Fl. Mal. Pen. 2 (1923) 612.
- 2433 **Peronema canescens** JACK; RIDLEY, J. Str. Br. R. As. Soc. 35 (1901) 89; RIDLEY, Fl. Mal. Pen. 2 (1923) 636; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 306; CORNER, Ways. Trees, 3rd ed. (1988) 749; KENG, Conc. Fl. Sing. (1990) 194.
- 2434 **Phyla nodiflora** (L.) GREENE; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 298; KENG, Conc. Fl. Sing. (1990) 194; — *Lippia nodiflora* (L.) MICH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 122; RIDLEY, Fl. Mal. Pen. 2 (1923) 612; HENDERSON, Mal. Wild Fl. Dic. (1959) 383.

- 2435 **Premna corymbosa** (BURM. *f.*) ROTTL. & WILLD.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 308; KENG, Conc. Fl. Sing. (1990) 194; — *P. integrifolia* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123 (*var. angustior* CLARKE); RIDLEY, Fl. Mal. Pen. 2 (1923) 619; — *P. angustior* (CLARKE) RIDL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 619; — *P. littoralis* K. & G.; RIDLEY, Fl. Mal. Pen. 2 (1923) 618; — *P. obtusifolia* R. BR.; CORNER, Ways. Trees, 3rd ed. (1988) 750, *p.p.*
- 2436 **Premna foetida** REINW. *ex* BL.; RIDLEY, Fl. Mal. Pen. 2 (1923) 619; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 307; KENG, Conc. Fl. Sing. (1990) 194; — *P. obtusifolia* R. BR.; CORNER, Ways. Trees, 3rd ed. (1988) 750, *p.p.*
- 2437 **Premna parasitica** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 307; KENG, Conc. Fl. Sing. (1990) 194; — *P. trichostoma* MIQ.; RIDLEY, Fl. Mal. Pen. 2 (1923) 620.
- 2438 **Premna punctulata** CLARKE; RIDLEY, Fl. Mal. Pen. 2 (1923) 620; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 307; KENG, Conc. Fl. Sing. (1990) 194.
- 2439 **Premna ridleyi** KING & GAMBLE; RIDLEY, Fl. Mal. Pen. 2 (1923) 621; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 307; KENG, Conc. Fl. Sing. (1990) 194.
- 2440 **Sphenodesme pentandra** JACK; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 124; RIDLEY, Fl. Mal. Pen. 2 (1923) 639; HENDERSON, Mal. Wild Fl. Dic. (1959) 381; MUNIR, Gard. Bull. Sing. 21 (1966) 357; KENG, Conc. Fl. Sing. (1990) 194.
- A 2441 **Stachytarpheta cayennensis** (L.C. RICH.) VAHL; SINCLAIR, Gard. Bull. Sing. 14 (1953) 34; CORLETT, J. Biogeog. (1988) 663.
- A 2442 **Stachytarpheta indica** (L.) VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 122; RIDLEY, Fl. Mal. Pen. 2 (1923) 613; HENDERSON, Mal. Wild Fl. Dic. (1959) 383; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 195.
- A 2443 **Stachytarpheta jamaicensis** (L.) VAHL; RIDLEY, Fl. Mal. Pen. 2 (1923) 613; CORLETT, J. Biogeog. (1988) 663; KENG, Conc. Fl. Sing. (1990) 195.
- A 2444 **Stachytarpheta mutabilis** (JACQ.) VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 122; RIDLEY, Fl. Mal. Pen. 2 (1923) 613; KENG, Conc. Fl. Sing. (1990) 195.
- 2445 **Teijsmanniodendron coriaceum** (CLARKE) KOSTERM.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 308; KENG, Conc. Fl. Sing. (1990) 195; — *Vitex coriacea* CLARKE; RIDLEY, Fl. Mal. Pen. 2 (1923) 632; CORNER, Ways. Trees 1st ed. (1940) 708; CORNER, Ways. Trees, 3rd ed. (1988) 753.
- 2446 **Teijsmanniodendron pteropodum** (MIQ.) BAKH.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 309; KENG, Conc. Fl. Sing. (1990) 195; — *Vitex peralata* KING; RIDLEY, Fl. Mal. Pen. 2 (1923) 634; CORNER, Ways. Trees 1st ed. (1940) 709; CORNER, Ways. Trees, 3rd ed. (1988) 754; — *Vitex pteropoda* MIQ.; RIDLEY, Fl. Mal. Pen. 2 (1923) 633.
- 2447 **Vitex gamosepala** GRIFF.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; RIDLEY, Fl. Mal. Pen. 2 (1923) 635; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 310; CORNER, Ways. Trees, 3rd ed. (1988) 753.

- 2448 **Vitex negundo** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; RIDLEY, Fl. Mal. Pen. 2 (1923) 631; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 311; CORNER, Ways. Trees, 3rd ed. (1988) 753; KENG, Conc. Fl. Sing. (1990) 195.
- 2449 **Vitex pinnata** L.; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 311; KENG, Conc. Fl. Sing. (1990) 195; — *V. pubescens* VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; RIDLEY, Fl. Mal. Pen. 2 (1923) 632; CORNER, Ways. Trees, 3rd ed. (1988) 754.
- 2450 **Vitex trifolia** L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; RIDLEY, Fl. Mal. Pen. 2 (1923) 630; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 311; CORNER, Ways. Trees, 3rd ed. (1988) 755; KENG, Conc. Fl. Sing. (1990) 195.
- 2451 **Vitex vestita** WALL. ex SCHAU.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 123; RIDLEY, Fl. Mal. Pen. 2 (1923) 635; KOCHUMMEN, Tree Fl. Malaya 3 (1978) 313; CORNER, Ways. Trees, 3rd ed. (1988) 756; KENG, Conc. Fl. Sing. (1990) 195.

VIOLACEAE

- 2452 **Rinorea anguifera** (LOUR.) O.K.; JACOBS & MOORE, Fl. Males. I 7¹ (1971) 183; NG, Tree Fl. Malaya 3 (1978) 315; KENG, Conc. Fl. Sing. (1990) 40; — *Alsodeia echinocarpa* KORTH.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 43; RIDLEY, Fl. Mal. Pen. 1 (1922) 134;
- 2453 **Rinorea lanceolata** (WALL.) O.K.; JACOBS & MOORE, Fl. Males. I 7¹ (1971) 187; NG, Tree Fl. Malaya 3 (1978) 318; KENG, Conc. Fl. Sing. (1990) 40; — *Alsodeia floribunda* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 44; RIDLEY, Fl. Mal. Pen. 1 (1922) 132; — *A. grandiflora* RIDL., RIDLEY, Fl. Mal. Pen. 1 (1922) 132.

VITACEAE

- 2454 **Ampelocissus ascendiflora** LATIFF; LATIFF, Fed. Mus. J. n.s. 27 (1982) 87; KENG, Conc. Fl. Sing. (1990) 117.
- 2455 **Ampelocissus cinnamomea** (WALL.) PLANCH.; LATIFF, Fed. Mus. J. n.s. 27 (1982) 88; KENG, Conc. Fl. Sing. (1990) 117; — *Vitis cinnamomea* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; RIDLEY, Fl. Mal. Pen. 1 (1922) 472.
- 2456 **Ampelocissus elegans** (KURZ) GAGNEP.; LATIFF, Fed. Mus. J. n.s. 27 (1982) 89; KENG, Conc. Fl. Sing. (1990) 117; — *Vitis elegans* KURZ; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; RIDLEY, Fl. Mal. Pen. 1 (1922) 473; HENDERSON, Mal. Wild Fl. Dic. (1959) 56.
- 2457 **Ampelocissus gracilis** (WALL.) PLANCH.; KENG, Conc. Fl. Sing. (1990) 117; — *Vitis gracilis* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; RIDLEY, Fl. Mal. Pen. 1 (1922) 472; HENDERSON, Mal. Wild Fl. Dic. (1959) 55.
- 2458 **Ampelocissus polystachya** (WALL.) PLANCH.; LATIFF, Fed. Mus. J. n.s. 27 (1982) 91; KENG, Conc. Fl. Sing. (1990) 118; — *Vitis polythyrse* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; — *Vitis polystachya* WALL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 473.
- 2459 **Ampelocissus thyrsoiflora** (BL.) PLANCH.; LATIFF, Fed. Mus. J. n.s. 27 (1982) 90; KENG, Conc. Fl. Sing. (1990) 118.

- 2460 **Cayratia mollissima** (WALL.) GAGNEP.; LATIFF, Sains Malaysiana 10 (1981) 136; KENG, Conc. Fl. Sing. (1990) 118; — *Vitis mollissima* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 65; RIDLEY, Fl. Mal. Pen. 1 (1922) 478.
- 2461 **Cayratia novemfolia** (WALL. *ex* LAWS.) BURK.; LATIFF, Sains Malaysiana 10 (1981) 138; KENG, Conc. Fl. Sing. (1990) 118; — *Vitis novemfolia* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 65; RIDLEY, Fl. Mal. Pen. 1 (1922) 479.
- 2462 **Cayratia trifolia** (L.) DOMIN; KENG, Conc. Fl. Sing. (1990) 118; — *Vitis trifolia* L.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 65; RIDLEY, Fl. Mal. Pen. 1 (1922) 478; HENDERSON, Mal. Wild Fl. Dic. (1959) 57.
- 2463 **Cissus hastata** (MIQ.) PLANCH.; KENG, Conc. Fl. Sing. (1990) 118; — *Vitis hastata* MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 478; HENDERSON, Mal. Wild Fl. Dic. (1959) 56.
- 2464 **Cissus nodosa** BL.; LATIFF, Malay. Nat. J. 42 (1988) 33; — *Vitis cerasiformis* TEYSM.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; — *Vitis glaberrima* WALL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; RIDLEY, Fl. Mal. Pen. 1 (1922) 477; — *Cissus glaberrima* (WALL.) PLANCH.; KENG, Conc. Fl. Sing. (1990) 118.
- 2465 **Cissus repens** LAMK.; LATIFF, Malay. Nat. J. 42 (1988) 34; KENG, Conc. Fl. Sing. (1990) 118; — *Vitis repens* W. & A.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; RIDLEY, Fl. Mal. Pen. 1 (1922) 477; HENDERSON, Mal. Wild Fl. Dic. (1959) 55; — *Vitis diffusa* MIQ.; RIDLEY, Fl. Mal. Pen. 1 (1922) 477; — *Cissus diffusa* (MIQ.) AMSH.; KENG, Conc. Fl. Sing. (1990) 118.
- 2466 **Cissus rostrata** (MIQ.) PLANCH.; KENG, Conc. Fl. Sing. (1990) 118; — *Vitis furcata* LAWS.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; RIDLEY, Fl. Mal. Pen. 1 (1922) 476.
- 2467 **Nothocissus spicifera** (GRIFF.) LATIFF; LATIFF, Fed. Mus. J. n.s. 27 (1982) 71; KENG, Conc. Fl. Sing. (1990) 118; — *Vitis macrostachya* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; RIDLEY, Fl. Mal. Pen. 1 (1922) 472.
- 2468 **Pterisanthes cissoides** BL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 482; HENDERSON, Mal. Wild Fl. Dic. (1959) 58; LATIFF, Fed. Mus. J. n.s. 27 (1982) 48; KENG, Conc. Fl. Sing. (1990) 119.
- 2469 **Pterisanthes eriopoda** (MIQ.) PLANCH.; RIDLEY, Fl. Mal. Pen. 1 (1922) 481; LATIFF, Fed. Mus. J. n.s. 27 (1982) 57; KENG, Conc. Fl. Sing. (1990) 119.
- 2470 **Pterisanthes polita** (MIQ.) LAWS.; HENDERSON, Mal. Wild Fl. Dic. (1959) 58; LATIFF, Fed. Mus. J. n.s. 27 (1982) 53; KENG, Conc. Fl. Sing. (1990) 119; — *P. coriacea* KORTH. *ex* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 65; RIDLEY, Fl. Mal. Pen. 1 (1922) 480.
- 2471 **Tetrastigma curtisii** (RIDL.) SEUSSENG.; LATIFF, Gard. Bull. Sing. 36 (1983) 223; KENG, Conc. Fl. Sing. (1990) 119; — *Vitis curtisii* RIDL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 474.

- 2472 **Tetrastigma lanceolarium** (ROXB.) PLANCH.; LATIFF, Gard. Bull. Sing. 36 (1983) 222; KENG, Conc. Fl. Sing. (1990) 119; — *Vitis kunstleri* KING; RIDLEY, Fl. Mal. Pen. 1 (1922) 475; — *Vitis lanceolarium* (ROXB.) WALL.; RIDLEY, Fl. Mal. Pen. 1 (1922) 475.
- 2473 **Tetrastigma lawsoni** (KING) BURK.; BURKILL, Dict. (1935) 2286; LATIFF, Gard. Bull. Sing. 36 (1983) 220; KENG, Conc. Fl. Sing. (1990) 119; — *Vitis lawsoni* KING; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 64; RIDLEY, Fl. Mal. Pen. 1 (1922) 474.

XYRIDACEAE

- 2474 **Xyris complanata** R. BR.; VAN ROYEN, Fl. Males. I. 369; HENDERSON, Mal. Wild Fl. Monoc. (1954) 193; KENG, Gard. Bull. Sing. 40 (1987) 126; — *X. anceps* (non LAMK.) VAHL; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 169.
- 2475 **Xyris pauciflora** WILLD.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 112; RIDLEY, Fl. Mal. Pen. 4 (1924) 348; VAN ROYEN, Fl. Males. I. 371; HENDERSON, Mal. Wild Fl. Monoc. (1954) 194; KENG, Gard. Bull. Sing. 40 (1987) 126; — *X. schoenoides* (non MART.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 169.

ZANNICHELLIACEAE

- 2476 **Cymodocea rotundata** EHRENB. & HEMP. *ex* ASCHERS.; SINCLAIR, Gard. Bull. Sing. 15 (1956) 25; DEN HARTOG, The Sea-grasses of the World (1970) 166; KENG, Gard. Bull. Sing. 40 (1987) 115.
- 2477 **Cymodocea serrulata** (R. BR.) ASCHERS. & MAGNUS; SINCLAIR, Gard. Bull. Sing. 15 (1956) 27; DEN HARTOG, The Sea-grasses of the World (1970) 171; KENG, Gard. Bull. Sing. 40 (1987) 115.
- 2478 **Halodule pinifolia** (MIKI) DEN HARTOG; DEN HARTOG, The Sea-grasses of the World (1970) 158.
- 2479 **Halodule uninervis** (FORSK.) ASCHERS.; DEN HARTOG, The Sea-grasses of the World (1970) 147; — *H. tridentata* F.V.M.; KENG, Gard. Bull. Sing. 40 (1987) 115.
- 2480 **Syringodium isoetifolium** (ASCHERS.) DANDY; DEN HARTOG, The Sea-grasses of the World (1970) 177; — *Cymodocea isoetifolia* ASCHERS.; SINCLAIR, Gard. Bull. Sing. 15 (1956) 25; KENG, Gard. Bull. Sing. 40 (1987) 115.

ZINGIBERACEAE

- 2481 **Alpinia aquatica** (RETZ.) ROSCOE; SMITH, Edinb. J. Bot. 47 (1990) 45; — *A. melanocarpa* (T. & B.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 48; RIDLEY, Fl. Mal. Pen. 4 (1924) 279; HENDERSON, Mal. Wild Fl. Monoc. (1954) 150; — *Languas melanocarpa* (T. & B.) BURK.; HOLTUM, Gard. Bull. Sing. 13 (1950) 159.
- 2482 **Alpinia conchigera** GRIFF.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 47; RIDLEY, Fl. Mal. Pen. 4 (1924) 278; HOLTUM, Gard. Bull. Sing. 13 (1950) 142; HENDERSON, Mal. Wild Fl. Monoc. (1954) 147.

- 2483 **Alpinia galanga** (L.) Sw.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 48; RIDLEY, Fl. Mal. Pen. 4 (1924) 279; HENDERSON, Mal. Wild Fl. Monoc. (1954) 150; SMITH, Edinb. J. Bot. 47 (1990) 45; — *Languas galanga* (L.) STUNTZ; HOLTTUM, Gard. Bull. Sing. 13 (1950) 157.
- 2484 **Alpinia mutica** ROXB.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 49; RIDLEY, Fl. Mal. Pen. 4 (1924) 279; HENDERSON, Mal. Wild Fl. Monoc. (1954) 150; SMITH, Edinb. J. Bot. 47 (1990) 51; — *Catimbium muticum* (ROXB.) HOLTT.; HOLTTUM, Gard. Bull. Sing. 13 (1950) 150.
- 2485 **Alpinia rafflesiana** WALL. ex BAKER; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 50; RIDLEY, Fl. Mal. Pen. 4 (1924) 281; HOLTTUM, Gard. Bull. Sing. 13 (1950) 144; HENDERSON, Mal. Wild Fl. Monoc. (1954) 148.
- 2486 **Amomum hastilabium** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 33; RIDLEY, Fl. Mal. Pen. 4 (1924) 266; HOLTTUM, Gard. Bull. Sing. 13 (1950) 203.
- 2487 **Amomum xanthophlebium** BAK.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 31; RIDLEY, Fl. Mal. Pen. 4 (1924) 263; HOLTTUM, Gard. Bull. Sing. 13 (1950) 198; HENDERSON, Mal. Wild Fl. Monoc. (1954) 159.
- 2488 **Costus globosus** BL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 25; RIDLEY, Fl. Mal. Pen. 4 (1924) 256; HOLTTUM, Gard. Bull. Sing. 13 (1950) 243; HENDERSON, Mal. Wild Fl. Monoc. (1954) 136.
- A 2489 **Costus lucanusianus** J. BRAUN & K. SCH.
- 2490 **Costus speciosus** (KOENIG) SMITH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 24; RIDLEY, Fl. Mal. Pen. 4 (1924) 256; HOLTTUM, Gard. Bull. Sing. 13 (1950) 242; HENDERSON, Mal. Wild Fl. Monoc. (1954) 136.
- 2491 **Elettariopsis curtisii** BAK.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 42; RIDLEY, Fl. Mal. Pen. 4 (1924) 274; HOLTTUM, Gard. Bull. Sing. 13 (1950) 217; HENDERSON, Mal. Wild Fl. Monoc. (1954) 159; — *E. latiflora* RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166.
- 2492 **Etlingera littoralis** (KÖNIG) GISEKE; BURTT & SMITH, Notes R. Bot. Gard. Edinb. 43 (1986) 240; — *Achasma megalochelios* GRIFF.; HOLTTUM, Gard. Bull. Sing. 13 (1950) 191; HENDERSON, Mal. Wild Fl. Monoc. (1954) 157; — *Hornstedtia megalochelios* (GRIFF.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 16; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 3 (1907) 8; RIDLEY, Fl. Mal. Pen. 4 (1924) 270.
- 2493 **Etlingera punicea** (ROXB.) R.M. SMITH, Notes R. Bot. Gard. Edinb. 43 (1986) 249; — *Hornstedtia macrocheilos* (GRIFF.) RIDL.; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 9; RIDLEY, Fl. Mal. Pen. 4 (1924) 271; — *Achasma macrocheilos* GRIFF.; HOLTTUM, Gard. Bull. Sing. 13 (1950) 188; HENDERSON, Mal. Wild Fl. Monoc. (1954) 157.

- 2494 **Globba leucantha** MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 6; RIDLEY, Fl. Mal. Pen. 4 (1924) 238; HOLTUM, Gard. Bull. Sing. 13 (1950) 26; HENDERSON, Mal. Wild Fl. Monoc. (1954) 137; LIM, Notes R. Bot. Gard. Edinb. 31 (1972) 267.
- 2495 **Globba pendula** ROXB.; HOLTUM, Gard. Bull. Sing. 13 (1950) 29; LIM, Notes R. Bot. Gard. Edinb. 31 (1972) 264; — *G. panicoides* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 4; RIDLEY, Fl. Mal. Pen. 4 (1924) 235; — *G. uliginosa* MIQ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 3; RIDLEY, Fl. Mal. Pen. 4 (1924) 235.
- 2496 **Globba variabilis** RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 239; HOLTUM, Gard. Bull. Sing. 13 (1950) 37; LIM, Notes R. Bot. Gard. Edinb. 31 (1972) 260.
- 2497 **Hornstedtia conica** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 37; RIDLEY, Fl. Mal. Pen. 4 (1924) 268; HOLTUM, Gard. Bull. Sing. 13 (1950) 175.
- 2498 **Hornstedtia leonurus** (KOENIG) RETZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 37; RIDLEY, Fl. Mal. Pen. 4 (1924) 269; HOLTUM, Gard. Bull. Sing. 13 (1950) 177; HENDERSON, Mal. Wild Fl. Monoc. (1954) 155.
- 2499 **Hornstedtia scyphifera** (KOENIG) STEUD.; HOLTUM, Gard. Bull. Sing. 13 (1950) 170; HENDERSON, Mal. Wild Fl. Monoc. (1954) 155; — *H. scyphus* RETZ.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 35; RIDLEY, Fl. Mal. Pen. 4 (1924) 267.
- 2500 **Plagiostachys lateralis** (RIDL.) RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 166; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 41; RIDLEY, Fl. Mal. Pen. 4 (1924) 273; HOLTUM, Gard. Bull. Sing. 13 (1950) 161.
- 25001 **Plagiostachys mucida** HOLTUM, Gard. Bull. Sing. 13 (1950) 162; HENDERSON, Mal. Wild Fl. Monoc. (1954) 152.
- 2502 **Zingiber griffithii** BAK.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 29; RIDLEY, Fl. Mal. Pen. 4 (1924) 260; HOLTUM, Gard. Bull. Sing. 13 (1950) 60; HENDERSON, Mal. Wild Fl. Monoc. (1954) 140.
- 2503 **Zingiber puberulum** RIDL.; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 29; RIDLEY, Fl. Mal. Pen. 4 (1924) 261; HOLTUM, Gard. Bull. Sing. 13 (1950) 61; HENDERSON, Mal. Wild Fl. Monoc. (1954) 139.
- 2504 **Zingiber zerumbet** (L.) SMITH; RIDLEY, J. Str. Br. R. As. Soc. 33 (1900) 165; RIDLEY, Mat. Fl. Mal. Pen. (Monoc.) 2 (1907) 27; HOLTUM, Gard. Bull. Sing. 13 (1950) 59; — *Z. aromaticum quoad* RIDL.; RIDLEY, Fl. Mal. Pen. 4 (1924) 259, *p.p.*

· Acknowledgements

I would like to thank Dr Hsuan Keng for the prolonged loan of his copy of the Flora of Syonan,

Dr Hugh Tan and Mr Chua Keng Soon for their assistance and Dr Richard Corlett for his tireless interest in the weeds of Singapore. I am indebted to the Director of the Singapore Botanic Gardens for allowing me to use the facilities of the Gardens' Herbarium and Library. This research was supported by research grant RP 880301 from the National University of Singapore.

References

- Burkill, I.H., (1935). *A dictionary of the economic products of the Malay Peninsula*, Crown Agents for the Colonies, London.
- Corlett, R.T., (1988). The naturalized flora of Singapore. *Journal of Biogeography* 15, 657-663.
- . (1992). The naturalized flora of Hong Kong: a comparison with Singapore. *Journal of Biogeography* 19, 421-430.
- Corner, E.J.H., (1940). *Wayside Trees of Malaya*, First Edition, Government Printing Office, Singapore
- . (1952). *Wayside Trees of Malaya*, Second Edition, Government Printing Office, Singapore
- . (1988). *Wayside Trees of Malaya*, Third Edition, Malayan Nature Society, Kuala Lumpur.
- den Hartog, C., (1970). *The sea-grasses of the world*, North Holland Publishing Co., Amsterdam.
- Gilliland, H.B., (1971). *A revised flora of Malaya. Vol III. Grasses of Malaya*, Botanic Gardens, Singapore.
- Henderson, M.R. (1954). *Malayan Wild Flowers: Monocotyledons*, Malayan Nature Society, Kuala Lumpur
- . (1959). *Malayan Wild Flowers: Dicotyledons*, Malayan Nature Society, Kuala Lumpur.
- Holtum, R.E., (1964). *A revised flora of Malaya. Vol I. Orchids of Malaya*, Government Printing Office, Singapore.
- . (1968). *A revised flora of Malaya. Vol II. Ferns of Malaya*, Second Edition, Government Printing Office, Singapore.
- Johnson, A., (1977). *A student's guide to the ferns of Singapore Island*, Second Edition, Singapore University Press, Singapore.
- Keng, H., (1973). Annotated list of seed plants of Singapore (I). *Gardens' Bulletin, Singapore* 26, 233-237.
- . (1974a). Annotated list of seed plants of Singapore (II). *Gardens' Bulletin, Singapore* 27, 67-83.
- . (1974b). Annotated list of seed plants of Singapore (III). *Gardens' Bulletin, Singapore* 27, 247-266.
- . (1976). Annotated list of seed plants of Singapore (IV). *Gardens' Bulletin, Singapore* 28, 237-258.
- . (1978). Annotated list of seed plants of Singapore (V). *Gardens' Bulletin, Singapore* 31, 84-113.

- . (1980). Annotated list of seed plants of Singapore (VI). *Gardens' Bulletin, Singapore* 33, 329-367.
- . (1982). Annotated list of seed plants of Singapore (VII). *Gardens' Bulletin, Singapore* 35, 83-103.
- . (1983). Annotated list of seed plants of Singapore (VIII). *Gardens' Bulletin, Singapore* 36, 103-124.
- . (1985). Annotated list of seed plants of Singapore (IX). *Gardens' Bulletin, Singapore* 38, 149-174.
- . (1986). Annotated list of seed plants of Singapore (X). *Gardens' Bulletin, Singapore* 39, 67-94.
- . (1987). Annotated list of seed plants in Singapore (XI). *Gardens' Bulletin, Singapore* 40, 113-132.
- . (1990). *The concise flora of Singapore: gymnosperms and dicotyledons*, Singapore University Press; Singapore.
- Kramer, K.U. and Green, P.S., (Eds.) (1990). *The families and genera of vascular plants I. Pteridophytes and gymnosperms*. Springer-Verlag, Berlin.
- Maxwell, J.F., (1982). New and interesting plant records for Singapore. *Gardens' Bulletin, Singapore* 35, 191-198.
- . (1983). New and interesting plant records for Singapore, II. *Gardens' Bulletin, Singapore* 35, 229-232.
- Ng, F.S.P. (ed.), (1978). *Tree flora of Malaya*, Volume 3. Longman Malaysia Sdn. Berhad, Kuala Lumpur.
- . (1989). *Tree flora of Malaya*, Volume 4. Longman Malaysia Sdn. Berhad, Kuala Lumpur.
- Piggott, A.G., (1988). *Ferns of Malaysia in colour*, Tropical Press Sdn. Bhd., Kuala Lumpur.
- Ridley, H.N., (1900). The flora of Singapore. *Journal of the Straits' Branch of the Royal Asiatic Society* 33, 27-196.
- . (1901). Supplementary notes on the flora of Singapore. *Journal of the Straits' Branch of the Royal Asiatic Society* 35, 84-90.
- . (1907). *Materials for a flora of the Malay Peninsula*, Parts I-III, Methodist Publishing House, Singapore.
- . (1908). A list of the ferns of the Malay Peninsula. *Journal of the Straits' Branch of the Royal Asiatic Society* 50, 1-59.
- . (1919). The fern-allies and Characeae of the Malay Peninsula. *Journal of the Straits' Branch of the Royal Asiatic Society* 80, 139-164.
- . (1922-1925). *The flora of the Malay Peninsula*, Volumes I-V, Reeve & Co., London.
- Seidenfaden, G. and Wood, J.J.,
- . (1992). *The orchids of Peninsular Malaysia and Singapore*, Olsen & Olsen, Fredensborg, Denmark.
- Sinclair, J., (1953). Additions to the flora of Singapore and new localities in Singapore for some plants thought to be extinct. *Gardens' Bulletin, Singapore* 14, 30-39.
- . (1956). Additions to the flora of Singapore and new localities in Singapore for some plants thought to be extinct. Part II. *Gardens' Bulletin, Singapore* 15, 22-30.

- Tan, H.T.W., Ali bin Ibrahim, Chua, K.S., Turner, I.M., Wee, Y.C., and Chew, P.T., (1992). Additions to the flora of Singapore, I. *Gardens' Bulletin, Singapore* 44, 127-133.
- Turner, I.M., Chua, K.S. & Tan, H.T.W., (1990). A checklist of the native and naturalized vascular plants of the Republic of Singapore. *Journal of the Singapore National Academy of Science* 18 & 19, 58-88.
- Whitmore, T.C. (ed.), (1972). *Tree flora of Malaya*, Volume 1, Longman Malaysia Sdn. Berhad, Kuala Lumpur.
- . (1973). *Tree flora of Malaya*, Volume 2, Longman Malaysia Sdn. Berhad, Kuala Lumpur.
- . (1977). *Palms of Malaya*, Revised Edition, Oxford University Press, Oxford.

APPENDIX A:

Index of the species listed by Ridley (1900 and 1901) for the flora of Singapore, as they appear (viz. spelling and authorities) in those publications. Numbers represent the taxon in the main list of the present paper. Letters relate to subsequent appendices whither certain species not included in the main list are referred. Ridley was unable to name some collections from Singapore. These he referred to by collection numbers (usually numbers of four digits) or by brief descriptions. Abbreviated versions of these descriptions have been used for the unnamed species in the index.

<i>Abrus precatorius</i> L.	1247	<i>Azelia retusa</i> Kurz	1315
<i>Abutilon indicum</i> L.	1406	<i>Aganosma marginata</i> Don	B
<i>Acacia pennata</i> Willd.	B	<i>Agathis loranthifolia</i> Salisb.	B
<i>Acacia pseudo-intsia</i> Miq.	1250	<i>Agelaea hullettii</i> King	592
<i>Acalypha indica</i> L.	828	<i>Agelaea vestita</i> Hook. f.	591
<i>Acanthospermum xanthoides</i> DC.	E	<i>Agelaea wallichii</i> Hook. f.	592
<i>Acanthus ebracteatus</i> Vahl	191	<i>Ageratum conyzoides</i> L.	556
<i>Acanthus volubilis</i> Wall.	193	<i>Aglaia cordata</i> Hiern	1469
<i>Acorus calamus</i>	D	<i>Aglaia glabriflora</i> Hiern	1472
<i>Aciropsis javanica</i>	1731	<i>Aglaia odoratissima</i> Bl.	1474
<i>Aciropsis ridleyi</i> Hook. f.	1732	<i>Aglaia oligophylla</i> Miq.	1475
<i>Acronychia porteri</i> Hook. f.	2228	<i>Aglaia tenuicaulis</i> Hiern	1481
<i>Acrostichum aureum</i> L.	1	<i>Aglaia trichostemon</i> Dec.	1482
<i>Actephila javanica</i> Miq.	829	<i>Aglaonema minus</i> Hook. f.	377
<i>Actinodaphne maingayi</i> Hook. f.	1194	<i>Aglaonema nitidum</i> N.E. Br.	379
<i>Actinodaphne pruinosa</i> Nees	1196	<i>Aglaonema oblongifolium</i> Schott	378
<i>Adenanthera bicolor</i> Moon	1251	<i>Agrostistachys longifolia</i> Benth. var.	
<i>Adenanthera pavonina</i> L.	1252	<i>malayana</i>	831
<i>Adenoncos virens</i> Bl.	1733	<i>Agrostophyllum majus</i> Hook. f.	1735
<i>Adenosacme longifolia</i> Wall.	2163	<i>Agyneia bacciformis</i> Muell.	951
<i>Adenosma caeruleum</i>	2292	<i>Albizzia lebbek</i> Benth.	D
<i>Adenosma capitatum</i> Benth.	2291	<i>Albizzia littoralis</i> Teysm.	1256
<i>Adenosma ovatum</i> Benth.	2293	<i>Albizzia lucida</i> Benth.	B
<i>Adenostemma viscosum</i> Forst.	555	<i>Albizzia moluccana</i>	1333
<i>Adhatoda vasica</i> Nees	C	<i>Albizzia odoratissima</i> Benth.	D
<i>Adiantum flabellulatum</i> L.	4	<i>Albizzia pedicellata</i> Bak.	1255
<i>Adina rubescens</i> Hemst.	2179	<i>Alchornea rugosa</i> Muell.	832
<i>Adinandra acuminata</i> Korth.	2369	<i>Alchornea villosa</i> Muell.	833
<i>Adinandra dumosa</i> Jack	2370	<i>Aleurites moluccana</i> Willd.	D
<i>Adinandra hullettii</i> King	2371	<i>Allamanda schottii</i> Pohl	D
<i>Adinandra maculosa</i> T. Anders.	B	<i>Allmania nodiflora</i> R. Br.	235
<i>Adinandra miquelii</i> King	2377	<i>Allophyllus cobbe</i> L.	2246
<i>Adinandra</i> sp.	E	<i>Alocasia cucullata</i> Schott	D
<i>Aegiceras majus</i> Gaertn.	1616	<i>Alocasia denudata</i> Engl.	380
<i>Aeschynanthus lobbiana</i> Hook.	987	<i>Alocasia indica</i> Schott	381
<i>Aeschynanthus motleyi</i> Clarke	988	<i>Alocasia longiloba</i> Miq.	C
<i>Aeschynanthus radicans</i> Jack	989	<i>Alocasia macrorrhizos</i> Schott	381
<i>Aeschynanthus wallichii</i> R. Br.	990	<i>Alpinia galanga</i> L.	2483
<i>Aeschynomene indica</i> L.	1254	<i>Alpinia melanocarpa</i> Ridl.	2481

<i>Alpinia rafflesiana</i> Wall.	2485	<i>Anthistiria gigantea</i> var. <i>villosa</i>	1108
<i>Alseodaphne costalis</i> Nees	1217	<i>Antidesma alatum</i> Hook. f.	836
<i>Alseodaphne decipiens</i> Hook. f.	1197	<i>Antidesma cuspidatum</i> Muell.	835
<i>Alseodaphne lucida</i> Nees	955	<i>Antidesma fallax</i> Meisn.	834
<i>Alseodaphne umbelliflora</i> Hook. f.	1234	<i>Antidesma velutinosum</i> Bl.	837
<i>Alsodeia echinocarpa</i> Korth.	2452	<i>Antrophyum plantagineum</i> Kaulf.	B
<i>Alsodeia floribunda</i> King	2453	<i>Antrophyum reticulatum</i> Kaulf.	B
<i>Alsodeia kunstleriana</i> King	B	<i>Aphyllorchis pallida</i> Bl.	1737
<i>Alsodeia membranacea</i> King	B	<i>Aporusa benthamiana</i> Hook. f.	838
<i>Alsophila comosa</i> Hook.	38	<i>Aporusa falcifera</i> Hook. f.	841
<i>Alsophila latebrosa</i> Hook.	37	<i>Aporusa ficifolia</i> Baill.	B
<i>Alsophila ridleyi</i> Bak.	38	<i>Aporusa fruticosa</i> Muell.	842
<i>Alstonia angustifolia</i> Wall.	336	<i>Aporusa lunata</i> Benth.	843
<i>Alstonia grandifolia</i> Miq.	E	<i>Aporusa maingayi</i>	844
<i>Alstonia scholaris</i> R.Br.	337	<i>Aporusa nigricans</i> Hook. f.	846
<i>Alstonia spathulata</i> Bl.	338	<i>Aporusa prainiana</i> King	847
<i>Alternanthera sessilis</i> R. Br.	238	<i>Aporusa stellifera</i> Hook. f.	B
<i>Alysicarpus vaginalis</i> Miq.	1258	<i>Apostasia nuda</i> R. Br.	1738
<i>Alyxia lucida</i> Wall.	340a	<i>Appendicula bifaria</i> Lindl.	1740
<i>Amaranthus caudatus</i> L.	D	<i>Appendicula callosa</i> Bl.	1734
<i>Amaranthus paniculatus</i> L.	D	<i>Appendicula lewisii</i> Griff.	1739
<i>Amaranthus spinosus</i> L.	240	<i>Appendicula lucida</i> Ridl.	1741
<i>Amaranthus viridis</i> L.	D	<i>Aquilaria grandiflora</i>	2380
<i>Amomum hastilabium</i> Ridl.	2486	<i>Aquilaria malaccensis</i>	2381
<i>Amoora aphanamixis</i> Schultes	1483	<i>Aquilaria</i> sp.	E
<i>Amoora cucullata</i> Roxb.	1470	<i>Aralidium pinnatifidum</i> Miq.	632
<i>Amoora rubescens</i> Hiern	1478	<i>Archytaea vahlii</i> Choisy	468
<i>Amoora rubiginosa</i> Hiern	1479	<i>Ardisia colorata</i> Roxb.	1617
<i>Amorphophallus prainii</i> Hook. f.	382	<i>Ardisia crassa</i> Clarke	1618
<i>Amorphophallus</i> sp.	E	<i>Ardisia crenata</i> Roxb.	1619
<i>Anacardium occidentale</i> L.	244	<i>Ardisia humilis</i> Vahl	B
<i>Anadendrum medium</i> Schott	383	<i>Ardisia lanceolata</i> Roxb.	1621
<i>Anadendrum montanum</i> Schott	384	<i>Ardisia odontophylla</i> var. <i>lobbii</i>	C
<i>Andropogon aciculatus</i> Retz.	1013	<i>Ardisia</i> sp. (6434)	E
<i>Andropogon contortus</i> L.	1051	<i>Ardisia</i> sp. (2816)	1625
<i>Andropogon pseudograya</i> Kth.	1096	<i>Ardisia tuberculata</i> Wall.	1627
<i>Aneilema nudiflorum</i> Br.	550	<i>Ardisia villosa</i> Roxb.	1628
<i>Aneilema vaginata</i> Br.	551	<i>Areca catechu</i> L.	D
<i>Angiopteris evecta</i> Hoffm.	12	<i>Arenga saccharifera</i> Labill.	D
<i>Anisogonium cordifolium</i> Mett.	45	<i>Argostemma elatostemma</i> Hook.	C
<i>Anisomeles ovata</i> R. Br.	1180	<i>Argostemma parvifolium</i> Benn.	C
<i>Anisophyllea disticha</i> Baill.	2061	<i>Argostemma spinulosum</i> Clarke	C
<i>Anisophyllea griffithii</i> Oliv.	2062	<i>Aristolochia unguiflora</i> Mast.	419
<i>Anisoptera costata</i> Korth.	762	<i>Aromadendron elegans</i> Bl.	1399
<i>Anisoptera glabra</i> Kurz	763	<i>Artabotrys maingayi</i> Hk. f.	271
<i>Anoectochilus geniculatus</i> Ridl.	1736	<i>Artabotrys suaveolens</i> Bl.	272
<i>Anplectrum annulata</i> Triana	1421	<i>Artabotrys wrayi</i> King	273
<i>Anplectrum glaucum</i> Triana	1420	<i>Artanema angustifolium</i> Benth.	B
<i>Anthistiria arguens</i> Willd.	1108	<i>Artemisia vulgaris</i> L.	D

<i>Arthropphyllum diversifolium</i> Bl.	411	<i>Bassia malaccensis</i>	2269
<i>Artocarpus gomezianus</i> Wall.	1529	<i>Bassia motleyana</i> De Vr.	2266
<i>Artocarpus kunstleri</i> King	1521	<i>Bauhinia semibifida</i> Roxb.	1265
<i>Artocarpus lakoocha</i> Roxb.	1520	<i>Beilschmiedia malaccensis</i> Hook. f.	1201
<i>Artocarpus lanceifolius</i> Roxb.	1526	<i>Blechnum finlaysonianum</i> Wall.	22
<i>Artocarpus lowii</i> King	1527	<i>Blechnum orientale</i> L.	24
<i>Artocarpus maingayi</i> King	1528	<i>Blechnum serrulatum</i> Rch.	23
<i>Artocarpus peduncularis</i> King	B	<i>Blumea balsamifera</i> DC.	558
<i>Artocarpus rigidus</i>	1530	<i>Blumea lacera</i> DC.	560
<i>Artocarpus scortechinii</i> King	1531	<i>Blumea membranacea</i> DC.	561
<i>Artocarpus</i> sp. medium sized tree	E	<i>Blyxa malaccensis</i> Ridl.	E
<i>Artocarpus</i> sp. Large tree	1519	<i>Boerhavia repens</i> L.	1702
<i>Arytera littoralis</i> Bl.	2247	<i>Bonnaya brachiata</i> Link	2304
<i>Asclepias curassavica</i> L.	422	<i>Bonnaya reptans</i> Spreng.	2307
<i>Aspidium cicutarium</i> Sw.	B	<i>Bonnaya veronicaefolia</i> Spreng.	2302
<i>Aspidium semibipinnatum</i> Wall.	B	<i>Borassus flabellifer</i> L.	D
<i>Aspidium singaporeanum</i> Wall.	166	<i>Boschia griffithii</i> Mast.	463
<i>Aspidium vastum</i> Bl.	B	<i>Bouea burmanica</i> Griff.	246
<i>Aspidium zollingerianum</i> Kze.	B	<i>Bouea macrophylla</i> Griff.	245
<i>Aspidopterys concava</i> Juss.	1402	<i>Breynia discigera</i> Muell.	867
<i>Asplenium falcatum</i> Lamk.	B	<i>Breynia reclinata</i>	868
<i>Asplenium longissimum</i> Bl.	15	<i>Breynia rhamnoides</i> Muell.	869
<i>Asplenium macrophyllum</i> Sw.	16	<i>Bridelia pustulata</i> Hook. f.	872
<i>Asplenium squamulatum</i> Bl.	B	<i>Bridelia tomentosa</i> Bl.	874
<i>Asplenium tenerum</i> Forst.	20	<i>Bromheadia alticola</i> Ridl.	1747
<i>Asystasia intrusa</i> Bl.	196	<i>Bromheadia aporoides</i> Rchb. f.	1748
<i>Avicennia officinalis</i> Bl.	453	<i>Bromheadia palustris</i> Lindl.	1749a
<i>Axonopus cimicinus</i> Beauv.	999	<i>Bromheadia sylvestris</i> Ridl.	1749b
<i>Azolla pinnata</i> R. Br.	21	<i>Brownlowia lanceolata</i> Benth.	2387
<i>Baccaurea bracteata</i> Muell.	850	<i>Brownlowia lepidota</i> R1901	2386
<i>Baccaurea kunstleri</i> King	853	<i>Brownlowia riedelii</i> Hemsl.	2386
<i>Baccaurea latifolia</i>	855	<i>Brucea sumatrana</i> Roxb.	2316
<i>Baccaurea macrophylla</i> Muell.	856	<i>Bruguiera caryophylloides</i> Bl.	2063
<i>Baccaurea minor</i> Hook. f.	858	<i>Bruguiera eriopetala</i> W. & A.	2066
<i>Baccaurea motleyana</i>	859	<i>Bruguiera gymnorrhiza</i> Lmk.	2064
<i>Baccaurea parviflora</i> Muell.	860	<i>Bruguiera parviflora</i> W. & A.	2065
<i>Baccaurea reticulata</i> Hook. f.	863	<i>Buchanania florida</i> Schauwer var. <i>lucida</i>	
<i>Baccaurea</i> sp. (6263)	E	& var. <i>petiolaris</i>	247
<i>Baccaurea</i> sp. B	852	<i>Buchanania sessilifolia</i> Bl.	248
<i>Baccaurea sympliocoides</i> King	848	<i>Bulbophyllum adenopetalum</i> Lindl.	1756
<i>Bambusa ridleyi</i> Gamble	1003	<i>Bulbophyllum apodum</i> Hook. f.	1751
<i>Barclaya motleyi</i> Hook.	1703	<i>Bulbophyllum avicella</i> Ridl.	1762
<i>Barringtonia conoidea</i> Griff.	1238	<i>Bulbophyllum botryophorum</i> Ridl.	1753
<i>Barringtonia cylindrostachya</i> Griff.	1239	<i>Bulbophyllum catenarium</i> Ridl.	1764
<i>Barringtonia inclyta</i> Miers	1240	<i>Bulbophyllum clandestinum</i> Lindl.	1772
<i>Barringtonia pendulum</i> Miers	B	<i>Bulbophyllum concinnum</i> Hook. f.	1755
<i>Barringtonia speciosa</i> Forst.	1237	<i>Bulbophyllum densiflorum</i> Ridl.	1773
<i>Bassia cuneata</i> Bl.	2277	<i>Bulbophyllum limbatum</i> Lindl.	1757
<i>Bassia kingii</i> Stapf	2265	<i>Bulbophyllum macranthum</i> Lindl.	1758

<i>Bulbophyllum patens</i> King	1770	<i>Canavalia obtusifolia</i> DC.	1271
<i>Bulbophyllum pileatum</i> Lindl.	1766	<i>Canavalia turgida</i> DC.	1272
<i>Bulbophyllum rugosum</i> Ridl.	1771	<i>Canna indica</i> L.	D
<i>Bulbophyllum stella</i> Ridl.	1759	<i>Canna warcewiczii</i>	D
<i>Bulbophyllum striatellum</i> Ridl.	1774	<i>Canthium confertum</i> Korth.	2091
<i>Bulbophyllum trifolium</i> Ridl.	1776	<i>Canthium didymum</i> Roxb.	2195
<i>Bulbophyllum vermiculare</i> Hook. f.	1778	<i>Canthium glabrum</i> Bl.	2092
<i>Bulbostylis barbata</i> Kunth	643	<i>Canthium horridum</i> Korth.	2093
<i>Bulbostylis puberula</i> Kunth	644	<i>Canthium scandens</i> Bl.	2092
<i>Burmannia coelestis</i> Don	477	<i>Canthium</i> sp. "gading"	E
<i>Burmannia tuberosa</i> Becc.	476	<i>Capparis finlaysoniana</i> Wall.	450
<i>Byttneria maingayi</i> Mast.	2336	<i>Capsicum frutescens</i> L.	D
<i>Caesalpinia nuga</i> Ait.	1267	<i>Capsicum grossum</i> Willd.	D
<i>Caesalpinia tortuosa</i> Roxb.	1269	<i>Capsicum minimum</i>	D
<i>Caesulia axillaris</i> Roxb.	E	<i>Carallia scortechinii</i> King	2067
<i>Calamus densiflorus</i> Becc.	1935	<i>Carapa obovata</i> Bl.	1502
<i>Calamus diffusus</i> Becc.	C	<i>Cardiospermum halicacabum</i> L.	2248
<i>Calamus insignis</i> Griff.	1938	<i>Carex 'cyrtostachys'</i> Brongn.	645
<i>Calamus javensis</i> Bl.	1939	<i>Careya</i> sp.	1242
<i>Calamus lobbianus</i> Becc.	1941	<i>Caryota mitis</i> Lour.	1946
<i>Calamus oxleyanus</i> Teysm.	1944	<i>Casearia clarkei</i> King	975
<i>Calamus pallidulus</i> Becc.	1940	<i>Casearia esculenta</i> Roxb.	974
<i>Calamus singaporensis</i> Becc.	1936	<i>Casearia lobbiana</i> Turcz.	976
<i>Calamus</i> sp. near radulosus	E	<i>Cassia alata</i> L.	1339
<i>Calanthe curculigoides</i> Lindl.	1780	<i>Cassia hirsuta</i> L.	1340
<i>Callicarpa longifolia</i> Lamk.	2420	<i>Cassia leschenaultiana</i> DC.	1275
<i>Calophyllum canum</i> Hook. f.	B	<i>Cassia obtusifolia</i> L.	1341
<i>Calophyllum griffithii</i> T. Anders.	1132	<i>Cassia occidentalis</i> L.	1342
<i>Calophyllum inophylloide</i> King	1131	<i>Cassia siamea</i> Lam.	B
<i>Calophyllum inophyllum</i> L.	1120	<i>Cassytha filiformis</i> L.	1202
<i>Calophyllum macrocarpum</i> Hook. f.	1122	<i>Castanopsis hullettii</i> King	955
<i>Calophyllum pulcherrimum</i> Wall.	1123	<i>Castanopsis hystrix</i> DC.	E
<i>Calophyllum retusum</i> Wall.	1129/	<i>Castanopsis javanica</i> DC.	954
<i>Calophyllum spectabile</i> Willd.	1127	<i>Castanopsis nephelioides</i> King	958
<i>Calophyllum wallichianum</i> Planch.	1125	<i>Castanopsis</i> sp.	E
<i>Calotropis procera</i> R.Br.	D	<i>Castanopsis sumatrana</i> DC.	953
<i>Calycopteris floribunda</i> Lamk.	C	<i>Castanopsis wallichii</i> King	960
<i>Campnospermum auriculatum</i> Hook. f.	249	<i>Casuarina equisetifolia</i> Forst.	508
<i>Campnospermum griffithii</i> Hook. f.	249	<i>Celastrus championii</i> Benth.	B
<i>Campnospermum wallichii</i> King	249	<i>Centipeda orbicularis</i> Lour.	563
<i>Canarium grandiflorum</i> Benn.	484	<i>Centotheca lappacea</i> Beauv.	1010
<i>Canarium kadondon</i> Benn.	487	<i>Centrosema plumieri</i> Benth.	1273
<i>Canarium nitidum</i> Benn.	483	<i>Cephaelis griffithii</i> Hook.	B
<i>Canarium pilosum</i> Benn.	484	<i>Ceratolobus kingianus</i> Becc.	B
<i>Canarium planchoni</i> King	492	<i>Ceratopteris thalictroides</i> L.	29
<i>Canarium purpurascens</i> Benn.	482	<i>Cerbera lactaria</i> Ham.	343
<i>Canarium rufum</i> Benn.	482	<i>Cerbera odollam</i> Gaertn.	344
<i>Canarium secundum</i> Benn.	482	<i>Ceriops candolleana</i> Arn.	2068
		<i>Chailletia deflexifolia</i> Turcz.	740

<i>Champereia griffithiana</i> Planch.	1729	<i>Clerodendron siphonanthus</i> R. Br.	D
<i>Chasalia curviflora</i> Thw.	2097	<i>Clerodendron squamatum</i> Vahl	D
<i>Chasalia rostrata</i> Miq.	2193	<i>Clerodendron villosum</i> Bl.	2426
<i>Cheilanthes tenuifolia</i> Sw.	30	<i>Clidemia hirta</i> Don	1419
<i>Chisocheton erythrocarpus</i> Hiern	1485	<i>Clitorea cajanifolia</i> Benth.	1277
<i>Chisocheton macrophyllus</i> King	1486	<i>Clitorea ternatea</i> L.	1278
<i>Chisocheton patens</i> Bl.	1487	<i>Cnestis ramiflora</i> Griff.	593
<i>Chisocheton pauciflorus</i> King	1488	<i>Cocos nucifera</i> L.	1947
<i>Chloranthus officinalis</i> Bl.	528	<i>Coelodepas ferrugineum</i> Hook. f.	B
<i>Chloris barbata</i> Sw.	1012	<i>Coelogyne cumingii</i> Lindl.	1785
<i>Choriophyllum malayanum</i> Benth.	849	<i>Coelogyne mayeriana</i> Rchb. f.	1787
<i>Chrysophyllum roxburghii</i> G. Don	2264	<i>Coelogyne rochussennii</i> de Vr.	1788
<i>Cinnamomum iners</i> Reinw.	1203	<i>Coelogyne testacea</i> Lindl.	1789
<i>Cinnamomum javanicum</i> Bl.	1204	<i>Coelostegia griffithii</i> Benth.	462
<i>Cinnamomum nitidum</i> Bl.	1203	<i>Coix lacryma-jobi</i> L.	1014
<i>Cirrhopetalum acuminatum</i> Ridl.	1750	<i>Coleus atropurpurea</i> Benth.	1191
<i>Cirrhopetalum blumei</i> Lindl.	1752	<i>Colocasia antiquorum</i> L.	385
<i>Cirrhopetalum citrinum</i> Ridl.	1768	<i>Colubrina asiatica</i> Brongn.	2054
<i>Cirrhopetalum concinnum</i> Hook. f.	1767	<i>Combretum sundaicum</i> Miq.	536
<i>Cirrhopetalum linearifolium</i> Ridl.	1750	<i>Combretum trifoliatum</i> Vent.	B
<i>Cirrhopetalum makoyanum</i> Rchb. f.	1760	<i>Commelina benghalensis</i> L.	546
<i>Cirrhopetalum medusae</i> Lindl.	1761	<i>Commelina nudiflora</i> L.	547
<i>Cirrhopetalum microbulbon</i> Ridl.	1770	<i>Commersonia platyphylla</i> Andr.	2337
<i>Cirrhopetalum semibifidum</i> R.	1750	<i>Connaropsis macrophylla</i> King	1934
<i>Cirrhopetalum vaginatum</i> Lindl.	1777	<i>Connarus ellipticus</i> King	595
<i>Claderia viridiflora</i> Hook. f.	1782	<i>Connarus ferrugineus</i> Jack	594
<i>Cladium glomeratum</i> Br.	709	<i>Connarus grandis</i> Jack	595
<i>Claoxylon indicum</i> Hassk.	876	<i>Connarus oligophyllus</i> Wall.	596
<i>Claoxylon longifolium</i> Muell. var.		<i>Connarus semidecandrus</i> Jack	598
<i>brachystachys</i>	877	<i>Conocephalus amoenus</i> King	2417
<i>Clausena excavata</i> Burm.	2229	<i>Conocephalus scortechinii</i> King	C
<i>Cleisostoma spicatum</i> Lindl.	1902	<i>Conocephalus suaveolens</i> Bl.	2418
<i>Cleistanthus hirsutulus</i> Hook. f.	878	<i>Conocephalus subtrinervius</i> Miq.	C
<i>Cleistanthus laevis</i> Hook. f.	882	<i>Coptosapelta flavescens</i> Korth.	2100
<i>Cleistanthus macrophyllus</i> Hook. f.	879	<i>Corchorus acutangulus</i> Lmk.	2388
<i>Cleistanthus myrianthus</i> Kurz	881	<i>Corchorus capsularis</i> L.	D
<i>Cleistanthus nitidus</i> Hook. f.	C	<i>Cordia myxa</i> L.	471
<i>Cleome aculeatum</i> Jacq.	501	<i>Corymbis longiflora</i> Hook. f.	1791
<i>Cleome viscosa</i> L.	505	<i>Coscinium fenestratum</i> Colebr.	1506
<i>Clerodendron colebrookianum</i> Walp.	C	<i>Cosmos bipinnatus</i>	D
<i>Clerodendron deflexum</i> Wall.	2422	<i>Costus globosus</i>	2488
<i>Clerodendron disparifolium</i> Bl.	2424	<i>Costus speciosus</i> Sm.	2490
<i>Clerodendron fallax</i> Lindl.	D	<i>Cotylelobium flavum</i> Pierre	765
<i>Clerodendron fragrans</i> Vent.	D	<i>Cratoxylum arborescens</i> Bl.	1160
<i>Clerodendron inerme</i> Gaertn.	2423	<i>Cratoxylum formosum</i> Benth.	1162
<i>Clerodendron infortunatum</i> Gaertn.	C	<i>Cratoxylum polyanthum</i> Korth.	1161
<i>Clerodendron ixoraeflorum</i> Hassk.	C	<i>Crinum asiaticum</i> L.	243
<i>Clerodendron myrmecophilum</i> Ridl.	2425	<i>Crotalaria alata</i> Ham.	1279
<i>Clerodendron paniculatum</i> L.	B	<i>Crotalaria incana</i> L.	1280

<i>Crotalaria quinquefolia</i> L.	1283	<i>Cyrtosperma lasioides</i> Griff.	388
<i>Crotalaria retusa</i> L.	1284	<i>Cystorchis variegata</i> Bl.	1795a
<i>Crotalaria saltiana</i> And.	1282	<i>Cystorchis variegata</i> var. <i>purpurea</i>	1795b
<i>Croton argyratus</i> Bl.	883	<i>Dacrydium elatum</i> Wall.	C
<i>Croton caudatus</i> Geisel	885	<i>Daemonorops accedens</i> Bl.	E
<i>Croton griffithii</i> Hook. f.	888	<i>Daemonorops angustifolius</i> Mart.	1949
<i>Croton longifolium</i> Roxb.	B	<i>Daemonorops cochleatus</i> Teysm.	1950
<i>Cryptocarya ferrea</i> Bl.	1207	<i>Daemonorops crinita</i> Bl.	E
<i>Cryptocarya griffithiana</i> Wight	1208	<i>Daemonorops didymophylla</i> Becc.	1950
<i>Cryptocarya impressa</i> Meissn.	1209	<i>Daemonorops geniculatus</i> Mart.	1951
<i>Cryptocoryne ciliata</i> Fisch.	386	<i>Daemonorops grandis</i> Mart.	1952
<i>Cryptocoryne griffithii</i> Schott	387	<i>Daemonorops hygrophilus</i> Mart.	1949
<i>Cryptostylis arachnites</i> Bl.	1792	<i>Daemonorops hystrix</i> Mart.	1953
<i>Ctenolophon parvifolius</i> Oliver	638	<i>Daemonorops intermedius</i> Mart.	1952
<i>Curculigo latifolia</i> Dryand.	1165	<i>Daemonorops leptopus</i> Mart.	1955
<i>Curculigo recurvata</i> Dryand.	1166	<i>Daemonorops longipes</i> Mart.	1957
<i>Curcuma zedoaria</i> Rosc.	D	<i>Daemonorops propinquus</i> Becc.	1955
<i>Cyanotis cristata</i> C. B. C.	548	<i>Dalbergia hullettii</i> Prain	1287
<i>Cyathocalyx maingayi</i> Hk. f.	303	<i>Dalbergia junghuhnii</i> Benth.	1288
<i>Cyathocalyx virgatus</i> King	299	<i>Dalbergia pseudosissoo</i> Miq.	1290
<i>Cyathostemma hookeri</i> King	278	<i>Dalbergia torta</i> Grah.	1286
<i>Cyathostemma scortechinii</i> King	279	<i>Dalbergia velutina</i> Benth.	1291
<i>Cyathula prostrata</i> Bl.	242	<i>Daphniphyllum laurinum</i> Baill.	739
<i>Cycas rumphii</i> Miq.	183	<i>Datura fastuosa</i> L.	D
<i>Cyclea peltata</i> Hook. f. var. <i>arnotti</i> Miers	1507	<i>Davallia elegans</i> Sw.	40
		<i>Davallia triphylla</i> Hook.	42
<i>Cyclostemon longifolius</i> Bl.	889	<i>Decaspermum paniculatum</i> Kurz	1639
<i>Cymbidium aloifolium</i> Sw.	1794	<i>Dehaasia microcarpa</i> Bl.	1212
<i>Cymbidium aloifolium</i> var. <i>pubescens</i>	1793	<i>Dendrobium acerosum</i> Lindl.	1796
		<i>Dendrobium aciculare</i> Lindl.	1797
<i>Cynanchum ovalifolium</i>	423	<i>Dendrobium atropurpureum</i> Miq.	1800
<i>Cynodon dactylon</i> Pers.	1016	<i>Dendrobium bifarium</i> Lindl.	1799
<i>Cynometra cauliflora</i> L.	D	<i>Dendrobium callibotrys</i> Ridl.	1811
<i>Cynometra ramiflora</i> L.	1286	<i>Dendrobium conostalix</i> Rchb. f.	1810
<i>Cyperus bancanus</i> Miq.	676	<i>Dendrobium criniferum</i> Lindl.	1852
<i>Cyperus compressus</i> L.	649	<i>Dendrobium crumenatum</i> Sw.	1802
<i>Cyperus diffusus</i> vahl	653	<i>Dendrobium dalhousieanum</i> Wall.	1817
<i>Cyperus distans</i> L.	655	<i>Dendrobium eulophotum</i> Lindl.	1806
<i>Cyperus haspan</i> L.	659	<i>Dendrobium euphlebiun</i> Rchb. f.	1825
<i>Cyperus iria</i> L.	661	<i>Dendrobium flavidulum</i> Ridl.	1824
<i>Cyperus malaccensis</i> Lam.	664	<i>Dendrobium flexile</i> Ridl.	1803
<i>Cyperus pilosus</i> Vahl	667	<i>Dendrobium gemellum</i> Lindl.	1819
<i>Cyperus radians</i> Nees	670	<i>Dendrobium junceum</i> Lindl.	C
<i>Cyperus rotundus</i> L.	671	<i>Dendrobium kunstleri</i> Hook. f.	E
<i>Cyperus stoloniferus</i> Retz.	674	<i>Dendrobium laciniosum</i> Ridl.	1854
<i>Cyperus zollingeri</i> Steud.	675	<i>Dendrobium lamellatum</i> Lindl.	1807
<i>Cyrtandra bicolor</i> Jack	991	<i>Dendrobium leonis</i> Rchb. f.	1808
<i>Cyrtandra pilosa</i> Bl.	C	<i>Dendrobium lonchophyllum</i> Hook. f.	1851/1855
<i>Cyrtandromoea acuminata</i> Benth.	C		

<i>Dendrobium longicolle</i> Lindl.	1832	<i>Dioscorea alata</i> L.	D
<i>Dendrobium pandaneti</i> Ridl.	1813	<i>Dioscorea daemona</i> Roxb.	754
<i>Dendrobium pensile</i> Ridl.	1814	<i>Dioscorea deflexa</i> Hook. f.	757
<i>Dendrobium prostratum</i> Ridl.	1822	<i>Dioscorea glabra</i> Roxb.	753
<i>Dendrobium pumilum</i> Roxb.	1812	<i>Dioscorea laurifolia</i> Wall.	755
<i>Dendrobium pyropum</i> Ridl.	1801	<i>Dioscorea oppositifolia</i> L.	761
<i>Dendrobium rhizophoreti</i> Ridl.	1809	<i>Dioscorea polyclades</i> Hook. f.	756
<i>Dendrobium serra</i> Lindl.	1798	<i>Dioscorea pyrifolia</i> Kunth	758
<i>Dendrobium sinuatum</i> Lindl.	1823	<i>Dioscorea sativa</i> L.	752
<i>Dendrobium subulatum</i> Hook. f.	1826	<i>Diospyros argentea</i> Griff.	789
<i>Dendrobium teres</i> Lindl.	1822	<i>Diospyros bilocularis</i> Oliv.	798
<i>Dendrobium tuberiferum</i> Hook. f.	1815	<i>Diospyros clavigera</i>	791
<i>Dendrobium villosulum</i> Wall.	1827	<i>Diospyros lucida</i> Wall.	796
<i>Dendrocolla filiformis</i> Ridl.	1790	<i>Diospyros microphylla</i> Bedd.	790
<i>Dendrocolla maculata</i> Ridl.	1914	<i>Diospyros oblonga</i> Wall.	799
<i>Dendrocolla trichoglottis</i> Ridl.	1915	<i>Diospyros sapotoides</i> Kurz.	E
<i>Dentella repens</i> Forst.	2101	<i>Diospyros</i> sp.	794
<i>Derris amoena</i> Benth.	1292	<i>Diplazium bantamense</i> Bl.	50
<i>Derris malaccensis</i> Prain	B	<i>Diplazium pallidum</i> Bl.	B
<i>Derris oblonga</i> Benth.	B	<i>Diplazium porrectum</i> Wall.	E
<i>Derris scandens</i> Benth.	1294	<i>Diplazium sorzogonense</i> Presl	53
<i>Derris sinuata</i> Thw.	1293	<i>Diplazium speciosum</i> Mett.	B
<i>Derris</i> sp.	E	<i>Diplazium sylvaticum</i> Presl	52
<i>Derris thyrsoflora</i> Benth.	1295	<i>Diplazium tomentosum</i> Hook.	54
<i>Derris uliginosa</i> Benth.	1296	<i>Dipodium pictum</i> Rchb. f.	1833
<i>Desmodium heterophyllum</i> DC.	1300	<i>Dipteris horsfieldii</i> Br.	55
<i>Desmodium polycarpum</i> DC.	1299	<i>Dipterocarpus cornutus</i> Dyer	767
<i>Desmodium polycarpum</i> var. <i>ovalifolium</i>	1299	<i>Dipterocarpus grandiflorus</i> Blanco	768
<i>Desmodium triflorum</i> DC.	1301	<i>Dipterocarpus hasseltii</i> Bl.	B
<i>Desmodium umbellatum</i> DC.	1302	<i>Dischidia albida</i> Griff.	424
<i>Dialium laurinum</i> Bak.	1303	<i>Dischidia bengalensis</i> Colebr.	426
<i>Dialium maingayi</i> Bak.	1304	<i>Dischidia coccinea</i> Griff.	427
<i>Dialium wallichii</i> Prain	1306	<i>Dischidia collyris</i> Wall.	425
<i>Dianella ensifolia</i> Red.	1367	<i>Dischidia hirsuta</i> Decne.	428
<i>Dichopsis bancana</i> Miq.	2277	<i>Dischidia nummularia</i> R.Br.	430
<i>Dichopsis gutta</i> Benth.	2271	<i>Dischidia rafflesiana</i> Wall.	429
<i>Dichopsis obovata</i> Clarke	2274	<i>Dischidia wallichii</i> Wight	E
<i>Dichopsis rubens</i> Clarke	2278	<i>Dissochaeta annulata</i> Hook. f.	1423
<i>Dictyopteris barberi</i> Hook.	162	<i>Dissochaeta celebica</i> Bl.	1424
<i>Dictyopteris difformis</i> Bl.	124	<i>Dissochaeta gracilis</i> Bl.	1425
<i>Didymocarpus platypus</i> Clarke	992	<i>Dissochaeta intermedia</i> Bl.	1426
<i>Didymocarpus</i> sp.	993	<i>Dissochaeta pallida</i> Bl.	1427
<i>Didymoplexis pallens</i> Griff.	1830	<i>Dissochaeta punctulata</i> Hook. f.	1428
<i>Dillenia indica</i> L.	743	<i>Dolichandrone rheedii</i> Seem.	457
<i>Dilochia wallichii</i> Lindl.	1831	<i>Donax grandis</i> Ridl.	1414
<i>Dimeria ornithopoda</i> Trin.	1032	<i>Dracaena aurantiacea</i> Wall.	219
<i>Dimorphocalyx capillipes</i> Hook. f.	C	<i>Dracaena gracilis</i> Wall.	220
<i>Dioclea reflexa</i> Hook. f.	1307	<i>Dracaena granulata</i> Hook. f.	222
		<i>Dracaena maingayi</i> Hook. f.	223

<i>Dracaena porteri</i> Bak.	224	<i>Embelia lampani</i> Scheff.	1633
<i>Dracaena singapurensis</i> Ridl.	225	<i>Embelia lucida</i> Wall.	834
<i>Dracaena terniflora</i> Roxb.	226	<i>Embelia ribes</i> Burm.	1634
<i>Dracontomelum mangiferum</i> Bl.	B	<i>Emilia sonchifolia</i> DC.	569
<i>Drepananthus pruniferus</i> Maing.	274	<i>Endospermum malaccense</i> Muell.	890
<i>Drymoglossum piloselloides</i> Presl	141	<i>Engelhardtia serrata</i> Bl.	1179
<i>Drynaria linnei</i> Bory	57	<i>Engelhardtia wallichiana</i> Lindl.	1179
<i>Drynaria quercifolia</i>	56	<i>Enhalus koenigii</i> Rich.	1152
<i>Drynaria splendens</i> Hook.	B	<i>Entada spiralis</i> Ridl.	1308
<i>Durio oblongus</i> Mast.	464	<i>Epipremnum giganteum</i> Schott	389
<i>Dyera laxiflora</i> Hook. f.	346	<i>Eragrostis amabilis</i> Wight	1045
<i>Dysophylla auricularia</i> Bl.	1192	<i>Eragrostis elegantula</i> Steud.	1038
<i>Dysoxylum acutangulum</i> Miq.	1490	<i>Eragrostis elongata</i> Jacq.	1040
<i>Dysoxylum cauliflorum</i> Hiern	1492	<i>Eragrostis tenella</i> R. & S.	1044
<i>Dysoxylum costulatum</i> Miq.	1491	<i>Eranthemum album</i> Nees	B
<i>Dysoxylum macrothyrsus</i> Miq.	1495	<i>Eranthemum andersoni</i> Masters	D
<i>Dysoxylum turbinatum</i> King	1495	<i>Eria bractescens</i> Lindl.	1834
<i>Ebermaiera griffithiana</i> Anders.	210	<i>Eria endymion</i> Ridl.	1836
<i>Ebermaiera setigera</i> Nees	212	<i>Eria floribunda</i> Lindl.	1835
<i>Echinocarpus</i> sp.	818	<i>Eria longe-repens</i> Ridl.	1838
<i>Eclipta alba</i> Hassk.	567	<i>Eria neglecta</i> Ridl.	1839
<i>Elaeocarpus apiculatus</i> Mast.	B	<i>Eria nutans</i> Lindl.	1840
<i>Elaeocarpus griffithii</i> Mast.	807	<i>Eria obliqua</i> Lindl.	1841
<i>Elaeocarpus hullettii</i> King	811	<i>Eria oligantha</i> Hook. f.	1917
<i>Elaeocarpus jackianus</i> Wall.	805	<i>Eria pannea</i> Lindl. 1	842
<i>Elaeocarpus mastersii</i> King	809	<i>Eria pudica</i> Ridl.	1844
<i>Elaeocarpus parvifolius</i> Wall.	810a	<i>Eria pulchella</i> Lindl.	845
<i>Elaeocarpus pedunculatus</i> Wall.	812	<i>Eria stellata</i> Lindl.	1837
<i>Elaeocarpus petiolatus</i> Wall.	813	<i>Eria striolata</i> Rchb. f.	1837
<i>Elaeocarpus polystachyus</i> Wall.	814	<i>Eria tenuiflora</i> Ridl.	1847
<i>Elaeocarpus salicifolius</i> King	810b	<i>Eria velutina</i> Lindl.	1918
<i>Elaeocarpus stipularis</i> Bl.	816	<i>Eria vestita</i> Lindl.	1919
<i>Elaphoglossum latifolium</i> Sw.	B	<i>Eriachne pallescens</i> Br. 1	1047
<i>Elatostema molle</i> Wedd.	C	<i>Erigeron linifolius</i> Willd.	565
<i>Eleocharis capitata</i> Br.	680	<i>Eriocaulon sexangulare</i> L.	824
<i>Eleocharis chaetaria</i> Roem.	682	<i>Eriocaulon truncatum</i> Ham.	825
<i>Eleocharis fistulosa</i> Schult.	678	<i>Erioglossum edule</i> Bl.	2252
<i>Eleocharis ochrostachys</i> Steud.	681	<i>Erycibe coriacea</i> Wall.	B
<i>Eleocharis variegata</i> var. <i>laxiflora</i>		<i>Erycibe griffithii</i> Clarke	610/612
C.B.C.	681	<i>Erycibe leucoxyloides</i> King	611
<i>Elephantopus scaber</i> L.	568	<i>Erycibe malaccensis</i> Clarke	613
<i>Elettariopsis latiflora</i> Ridl.	2491	<i>Erycibe princei</i> Wall.	614a
<i>Eleusine aegyptiaca</i> Desv.	1019	<i>Eryngium foetidum</i> Jacq.	2409
<i>Eleusine indica</i> L.	1037	<i>Erythralium scandens</i> Bl.	1710
<i>Eleusine indica</i> var. <i>coracana</i>	1036	<i>Erythroxylum burmanicum</i> Griff.	826
<i>Ellipanthus griffithii</i> Hook. f.	599	<i>Eugenia acuminatissima</i> Kurz	1647
<i>Ellipeia cuneifolia</i> Hk. f.	283	<i>Eugenia anisosepala</i> Duthie	B
<i>Embelia amentacea</i> Clarke	1629	<i>Eugenia bracteolata</i>	B
<i>Embelia coriacea</i> DC.	1632	<i>Eugenia chlorantha</i> Duthie	644

<i>Eugenia claviflora</i> Roxb.	1645	<i>Fagraea racemosa</i> Jack	1374
<i>Eugenia conglomerata</i>	1646	<i>Fagraea speciosa</i> Bl.	1373
<i>Eugenia cymosa</i> Lmk.	1686	<i>Fibraurea chloroleuca</i> Miers	1508
<i>Eugenia densiflora</i> DC.	1680	<i>Ficus acamptophylla</i> Miq.	B
<i>Eugenia filiformis</i> Wall.	1650	<i>Ficus alba</i> Reinwdt.	1552
<i>Eugenia grandis</i> Wight	1653	<i>Ficus altissima</i> Bl.	B
<i>Eugenia griffithii</i> Duthie	1654	<i>Ficus annulata</i> Bl.	1533
<i>Eugenia helferi</i> Duthie	C	<i>Ficus apiocarpa</i> Miq.	1534
<i>Eugenia jambolana</i> Lam.	D	<i>Ficus benjamina</i> L.	1537
<i>Eugenia laevicaulis</i> Duthie	B	<i>Ficus binnendykii</i>	1538
<i>Eugenia lepidocarpa</i> Wight	1670	<i>Ficus bracteata</i> Wall.	1540
<i>Eugenia leptantha</i> Wight	B	<i>Ficus callicarpa</i> Miq.	1535
<i>Eugenia lineata</i> Bl.	1660	<i>Ficus chartacea</i> Wall.	1542
<i>Eugenia microcalyx</i> Duthie	1661	<i>Ficus chrysocarpa</i> Reinw.	1536
<i>Eugenia myrtifolia</i> Roxb.	1668	<i>Ficus consociata</i> Bl. var. <i>murtoni</i>	1543
<i>Eugenia nitida</i> non Duthie	1674	<i>Ficus diversifolia</i> Bl.	1546
<i>Eugenia oblata</i> Roxb.	1666	<i>Ficus fistulosa</i> Reinwdt.	1549
<i>Eugenia oblongifolia</i> Duthie	1667	<i>Ficus glabella</i> Bl.	1576
<i>Eugenia papillosa</i> Duthie	1671	<i>Ficus glandulifera</i> Wall.	1550
<i>Eugenia pendens</i> Duthie	1673	<i>Ficus globosa</i> Bl.	1551
<i>Eugenia pyrifolia</i> Wall.	1687	<i>Ficus indica</i> var. <i>gelderii</i>	1560
<i>Eugenia scoparia</i> Wall.	1641	<i>Ficus laevis</i> Bl.	1555
<i>Eugenia subdecussata</i> Wall.	1687	<i>Ficus microstoma</i> Wall.	1561
<i>Eugenia thumra</i> Roxb.	B	<i>Ficus miquelii</i> King	1539
<i>Eugenia venulosa</i> Wall.	1662	<i>Ficus obscura</i> Bl.	1559
<i>Eugenia zeylanica</i> Wight 1	682	<i>Ficus obtusifolia</i>	B
<i>Eulophia graminea</i> Lindl.	1848	<i>Ficus pisifera</i> Wall.	1559
<i>Eulophia squalida</i> Lindl.	1849	<i>Ficus pisocarpa</i> Wall.	1561
<i>Euonymus javanicus</i> Bl.	513	<i>Ficus procera</i> Bl.	1544
<i>Euphorbia atoto</i> Forst.	891	<i>Ficus punctata</i> Thunb.	B
<i>Euphorbia pilulifera</i> L.	893	<i>Ficus ramentacea</i>	1567
<i>Euphorbia thymifolia</i> Benn.	894	<i>Ficus recurva</i> Bl. var. <i>ribesioides</i>	1563
<i>Euphorbia tirucalli</i> L.	D	<i>Ficus religiosa</i> L.	1564
<i>Eurycles sylvestris</i> Salisb.	B	<i>Ficus retusa</i> var. <i>nitida</i>	1557
<i>Eurycoma longifolia</i> Jack	2317	<i>Ficus ribes</i> Reinwdt.	B
<i>Euthemis leucocarpa</i> Jack	1706	<i>Ficus sumatrana</i>	B
<i>Euthemis minor</i> Jack	1707	<i>Ficus urophylla</i> Wall.	1553
<i>Evodia glabra</i> Bl.	2230	<i>Ficus villosa</i> Bl.	1575
<i>Evodia pedunculosa</i> Hook. f.	B	<i>Ficus xylophylla</i> Wall.	1577
<i>Evodia robusta</i> Hook. f.	2231	<i>Fimbristylis acuminata</i> Vah	684
<i>Evodia roxburghiana</i> Benth.	2232	<i>Fimbristylis aestivalis</i> Vahl	69
<i>Evolvulus alsinoides</i> L.	615	<i>Fimbristylis asperrima</i> Boeck.	688
<i>Excoocaria agallocha</i> L.	894	<i>Fimbristylis complanata</i>	685
<i>Fagraea auriculata</i> Jack	1371	<i>Fimbristylis diphylla</i> Vahl	687
<i>Fagraea carnosae</i> Jack	1375	<i>Fimbristylis ferruginea</i> Vahl	689
<i>Fagraea fragrans</i> Roxb.	1372	<i>Fimbristylis globulosa</i> Kunth	691
<i>Fagraea ligustrina</i> Bl.	1374	<i>Fimbristylis leptoclada</i> Benth.	693
<i>Fagraea morindaefolia</i> Bl.	1374	<i>Fimbristylis miliacea</i> Vahl	694
<i>Fagraea obovata</i> Wall.	1370	<i>Fimbristylis nutans</i> Vahl	695

<i>Fimbristylis pauciflora</i> r.	698	<i>Geophila hirta</i> Miq.	2112
<i>Fimbristylis setacea</i> Benth.	684	<i>Geophila pilosa</i> Pears.	2112
<i>Fimbristylis spathacea</i> Roth.	686	<i>Geunsia farinosa</i> Bl.	B
<i>Fimbristylis tenera</i> var. <i>obtusata</i>	696	<i>Geunsia reevesii</i> Wall.	D
<i>Fimbristylis tetragona</i> Br.	701	<i>Gironniera nervosa</i> Planch.	2402
<i>Flacourtia cataphracta</i> Roxb.	D	<i>Gironniera parvifolia</i> Planch.	2403
<i>Flacourtia inermis</i> Cl.	B	<i>Gironniera subaequalis</i> Planch.	2404
<i>Flacourtia rukam</i> Zoll.	978	<i>Globba leucantha</i> Miq.	2494
<i>Flagellaria indica</i> L.	985	<i>Globba panicoides</i> Miq.	2495
<i>Flemingia strobilifera</i> R. Br.	1309	<i>Globba uliginosa</i> Miq.	2495
<i>Fleurya interrupta</i> Gaud.	2412	<i>Glochidion brunneum</i> Hook. f.	899
<i>Floscopa scandens</i> Lour.	549	<i>Glochidion coronatum</i> Hook. f.	B
<i>Forrestia marginata</i> Hassk.	544	<i>Glochidion desmocarpaceum</i> Hook. f.	911
<i>Forrestia mollis</i> Hassk.	543	<i>Glochidion desmogyne</i> Hook. f.	E
<i>Freycinetia angustifolia</i> Bl.	1987	<i>Glochidion goniocarpum</i> Hook. f.	899
<i>Freycinetia gaudichaudi</i> Benn.	B	<i>Glochidion insulare</i> Hook. f.	B
<i>Freycinetia insignis</i> Bl.?	1991	<i>Glochidion laevigatum</i> Hook. f.	902
<i>Fuirena umbellata</i> Rottb.	703	<i>Glochidion leiostylum</i> Kurz	907
<i>Gaertnera grisea</i> Hook. f.	2105	<i>Glochidion littorale</i> Bl.	904
<i>Gaertnera koenigii</i> Wight var. <i>oxyphylla</i>		<i>Glochidion microbotrys</i> Hook. f.	905
Wall.	2107	<i>Glochidion superbum</i> Baill.	910
<i>Gaertnera obesa</i> Hook. f.	2106	<i>Glycosmis pentaphylla</i> Corr.	B
<i>Gaertnera viminea</i> Hook. f.	2108	<i>Gmelina hystrix</i> Kurz	2430
<i>Gahnia tristis</i> Nees	704	<i>Gmelina villosa</i> Roxb.	2429
<i>Galearia affinis</i> Benn.	897	<i>Gnetum edule</i> Bl.	185
<i>Galearia phlebocarpa</i> R.Br.	897	<i>Gnetum funiculare</i> Bl.	186
<i>Galearia subulata</i> Muell.	897	<i>Gnetum macrostachyum</i> Hook. f.	187
<i>Galearia wallichii</i>	897	<i>Gnetum neglectum</i> Bl.	188
<i>Galeola altissima</i> Rchb. f.	B	<i>Gomphandra lanceolata</i> Kurz	1168a
<i>Galeola hydra</i> Rchb. f.	1856	<i>Gomphandra penangiana</i> Wall.	168
<i>Garcinia atroviridis</i> Griff.	1133	<i>Gomphia hookeri</i> var. <i>corymbosa</i>	1705
<i>Garcinia bancana</i> Miq.	1134	<i>Gomphia hookeri</i> Planch.	1704
<i>Garcinia cuspidata</i> King	B	<i>Gomphia sumatrana</i> Jack	1708
<i>Garcinia eugeniaefolia</i> Wall.	1135	<i>Goniophlebium verrucosum</i> Wall.	60
<i>Garcinia forbesii</i> King	1136	<i>Goniothalamus malayanus</i> Hk. f.	295
<i>Garcinia griffithii</i> T. Anders.	1137	<i>Goniothalamus ridleyi</i> King	296
<i>Garcinia hombroniana</i> Pierre	1138	<i>Goniothalamus tapis</i> Miq.	297
<i>Garcinia nervosa</i> Miq.	1139	<i>Gonocaryum longeracemosum</i> King	1169
<i>Garcinia nigrolineata</i> Pierre	1140	<i>Gonystylus maingayi</i> Hook. f.	995
<i>Garcinia parvifolia</i> Miq.	1141	<i>Gordonia excelsa</i> Bl.	2374
<i>Garcinia rostrata</i> Benth.	1143	<i>Grammatophyllum speciosum</i> Bl.	1851
<i>Gardenia griffithii</i> Hook. f.	2109	<i>Grewia fibrocarpa</i> Mast.	B
<i>Gardenia speciosa</i> Hook.	C	<i>Grewia latifolia</i> Mast.	2390
<i>Gardenia tubifera</i> Wall.	2110	<i>Grewia umbellata</i> Roxb.	2389
<i>Gardeniopsis longifolia</i> Miq.	2111	<i>Guettarda speciosa</i> L.	2113
<i>Gastrodia javanica</i> Lindl.	1857	<i>Guioa pleuropteris</i> Radlk.	2250
<i>Gelonium bifarium</i> Roxb.	950	<i>Guioa pubescens</i> Radlk.	2251
<i>Gelonium multiflorum</i> Juss.	950	<i>Guioa squamosa</i> Radl.	B
<i>Genianthus maingayi</i> Hook. f.	433	<i>Gymnogramme calomelanos</i>	121

<i>Gymnopteris presliana</i> Hook.	B	<i>Hopea mengarawan</i>	771
<i>Gymnopteris subrepanda</i> Hook.	28	<i>Hopea micrantha</i> Hook. f.	B
<i>Gymnosiphon borneense</i> Becc.	478	<i>Hopea pierrei</i> Hance	B
<i>Gynochthodes coriacea</i> Miq.	2114	<i>Hornstedtia conica</i> Ridl.	2497
<i>Gynochthodes sublanceolata</i> Miq.	2115	<i>Hornstedtia leonurus</i> Retz.	2498
<i>Gynotroches axillaris</i> Miq.	2069	<i>Hornstedtia megalochilus</i> Ridl.	2492
<i>Gynura pseudochina</i> DC.	573	<i>Hornstedtia scyphus</i> Retz.	2499
<i>Gynura sarmentosa</i> DC.	574	<i>Hoya coriacea</i> Bl.	435
<i>Habenaria lacertifera</i> Benth.	1890	<i>Hoya coronaria</i> Bl.	436
<i>Habenaria maingayi</i> King	1890	<i>Hoya diversifolia</i> Bl.	437
<i>Habenaria singaporensis</i> Ridl.	1859	<i>Hoya finlaysonii</i> Wall.	438
<i>Halophila ovata</i> Gaud.	1155	<i>Hoya lacunosa</i> Bl.	439
<i>Hedyotis auricularia</i> L.	2116	<i>Hoya latifolia</i> Don	440
<i>Hedyotis capitellata</i> Wall.	2119	<i>Hoya obtusifolia</i> Wight	441
<i>Hedyotis congesta</i> Br.	2120	<i>Hoya parasitica</i> Wall.	442
<i>Hedyotis pinifolia</i> Wall.	2125	<i>Hoya revoluta</i> Wight	443
<i>Hedyotis vestita</i> R. Br.	B	<i>Humata angustata</i> Wall.	64
<i>Helicia excelsa</i> Bl.	2051	<i>Humata heterophylla</i> Wall.	65
<i>Helicia petiolaris</i> Benn.	2052	<i>Humata parallela</i> Wall.	67
<i>Heliotropium indicum</i> L.	473	<i>Humata pedata</i> Sw.	68
<i>Henslowia buxifolia</i> Bl.	2243	<i>Humata sessilifolia</i> Bl.	B
<i>Henslowia lobbiana</i> DC.	2244	<i>Hydnophytum formicarium</i> Jack	2129
<i>Heptapleurum avene</i> Seem.	415	<i>Hydrilla verticillata</i> Casp.	1157
<i>Heptapleurum cephalotes</i> Clarke	412	<i>Hydrocotyle asiatica</i> L.	2408
<i>Heptapleurum ellipticum</i> Seem.	E	<i>Hydrocotyle rotundifolia</i> Roxb.	2410
<i>Heptapleurum hullettii</i> King	414	<i>Hygrophila quadrivalvis</i> Nees	200
<i>Heptapleurum ridleyi</i> King	417	<i>Hygrophila salicifolia</i> Nees	202
<i>Heptapleurum subulatum</i> Seem.	416	<i>Hylophila mollis</i> Lindl.	1862
<i>Heritiera fomes</i> Buch.Ham.	B	<i>Hymenophyllum denticulatum</i> Sw.	74
<i>Heritiera littoralis</i> Dryand.	2340	<i>Hymenophyllum neesii</i> Hook.	74
<i>Heritiera</i> sp.	2339	<i>Hymenophyllum polyanthos</i>	76
<i>Herpestis monnieri</i> H. Bk.	2294	<i>Hymenophyllum</i> sp. (8938)	E
<i>Hetaeria obliqua</i> Bl.	1861	<i>Hypericum japonicum</i> L.	1164
<i>Hibiscus surattensis</i> L.	1407	<i>Hypolytrum latifolium</i> Rich.	705a
<i>Hibiscus tiliaceus</i> L.	1408	<i>Hypolytrum proliferum</i> Boeck.	705b
<i>Hippocratea cumingi</i> Laws.	517	<i>Hypserpa triflora</i> Miers	1509
<i>Hippocratea indica</i> L.	521	<i>Hyptis brevipes</i> Poit.	1181
<i>Hiptage sericea</i> Hook. f.	1403	<i>Hyptis suaveolens</i> Poit.	1183
<i>Homalium grandiflorum</i> Benth.	979	<i>Iguanura geonomaeformis</i> Becc.	1962
<i>Homalomena coerulescens</i> Jungh.	393	<i>Iguanura malaccensis</i> Becc.	1962
<i>Homalomena griffithii</i> Hook. f.	391	<i>Iguanura wallichiana</i> Hook. f.	1962
<i>Homalomena kingii</i> Hook. f.	391	<i>Ilex cymosa</i> Bl.	373
<i>Homalomena ovata</i> Hook. f.	391	<i>Ilex macrophylla</i> Wall.	374
<i>Homalomena paludosa</i> Hook. f.	394	<i>Illigera appendiculata</i> Bl.	1149
<i>Homalomena pumila</i> Hook. f.	392	<i>Imperata arundinacea</i> Cyrill.	1054
<i>Homalomena sagittifolia</i> Jungh.	395	<i>Imperata exaltata</i> Brngn.	1053
<i>Homalomena singaporensis</i> Regel.	B	<i>Indigofera hirsuta</i> L.	1310
<i>Homolanthus populifolius</i> Grab.	D	<i>Iodes oblonga</i> Planch.	1170
<i>Hopea griffithii</i> Kurz	770	<i>Iodes velutina</i> King	1171

<i>Ipomoea angustifolia</i> Jacq.	628	<i>Korthalsia polystachya</i> Mart.	1965
<i>Ipomoea aquatica</i> Forsk.	616	<i>Korthalsia scaphigera</i> Mart.	1966
<i>Ipomoea batatas</i> L.	D	<i>Kunstleria ridleyi</i> Prain	1317
<i>Ipomoea biloba</i> Forsk.	622	<i>Kurrimia paniculata</i> Wall.	510
<i>Ipomoea chryseides</i> Ker.	627	<i>Kurrimia pulcherrima</i> Wall.	511
<i>Ipomoea coccinea</i>	D	<i>Kyllinga brevifolia</i> Rottb.	647
<i>Ipomoea denticulata</i> Chois.	619	<i>Kyllinga cylindrica</i> Nees	677
<i>Ipomoea digitata</i> L.	620	<i>Kyllinga melanosperma</i> Nees	665
<i>Ipomoea linifolia</i> Bl.	628	<i>Kyllinga monocephala</i> Rottb.	663
<i>Ipomoea palmata</i> Forsk.	617	<i>Labisia pothoina</i> Lindl.	1635
<i>Ipomoea quamoclit</i> L.	D	<i>Lantana camara</i> L.	2431
<i>Ipomoea sepiaria</i> Koen.	624	<i>Lantana indica</i> Roxb.	2432
<i>Ipomoea tridentata</i> Roth.	629	<i>Lasia heterophylla</i> Schott	396
<i>Irvingia malayana</i> Oliv.	2318	<i>Lasianthera secundiflora</i> Miq.	1175
<i>Isachne australis</i> R. Br.	1055	<i>Lasianthus appressus</i> Hook. f.	2138
<i>Isachne kunthiana</i> Wt.	1056	<i>Lasianthus crinitus</i> Hook. f.	E
<i>Isachne miliacea</i> Roth.	1057	<i>Lasianthus cyanocarpus</i>	2141
<i>Ischaemum ciliare</i> Retz.	1059	<i>Lasianthus densifolius</i> Miq.	2142
<i>Ischaemum macrurum</i>	1063	<i>Lasianthus ellipticus</i> Wight	2143
<i>Ischaemum magnum</i> Rendle	1059	<i>Lasianthus griffithii</i> Wight	2145
<i>Ischaemum muticum</i> L.	1060	<i>Lasianthus maingayi</i> Hook. f.	2146
<i>Ischaemum rugosum</i> Salisb.	1061	<i>Lasianthus pterospermus</i> Wight	2148
<i>Ischaemum timorense</i> Kth.	1062	<i>Lasianthus stipularis</i> Bl.	2152
<i>Ixonanthes icosandra</i> Jack	1177	<i>Lastrea appendiculata</i>	E
<i>Ixonanthes reticulata</i> Jack	1178	<i>Lastrea crassifolia</i> Bl.	B
<i>Ixora amoena</i> Vahl	E	<i>Lastrea fuscipes</i> Wall.	E
<i>Ixora concinna</i> R.Br.	2131	<i>Lecananthus erubescens</i> Jack	2154
<i>Ixora congesta</i> Roxb.	2132	<i>Lecanopteris carnosa</i> Bl.	B
<i>Ixora fulgens</i> Roxb.	2134	<i>Lecanorchis malaccensis</i> Ridl.	1863
<i>Ixora opaca</i> R. Br.	2135	<i>Leea angulata</i> Korth.	1244
<i>Ixora parviflora</i> Vahl	E	<i>Leea javanica</i> Bl.	1245
<i>Ixora pendula</i> Jack	2135	<i>Leea robusta</i> Roxb.	1243
<i>Jackia ornata</i> Wall.	2137	<i>Leea rubra</i> Bl.	1246
<i>Jasminum bifarium</i> Wall.	1719	<i>Leea sambucina</i> Willd.	1245
<i>Jasminum griffithii</i> Clarke	1720	<i>Leersia hexandra</i> Sw.	1063
<i>Jussiaea angustifolia</i> Lmk.	1725	<i>Lemna paucicostata</i> Hegelm.	1357
<i>Jussiaea repens</i> L.	1723	<i>Lemna polyrrhiza</i>	1359
<i>Jussiaea suffruticosa</i> L.	1724	<i>Lemna</i> sp.	1358
<i>Justicia andrographioides</i> Clarke	205	<i>Leonotis nepetaefolia</i> R. Br.	1184
<i>Justicia gendarussa</i> L.	D	<i>Leonurus sibiricus</i> L.	1185
<i>Kadsura cauliflora</i> Bl.	2290	<i>Lepionurus sylvestris</i> Bl.	1730
<i>Kadsura scandens</i> Bl.	2290	<i>Lepironia mucronata</i> Rich.	706
<i>Kibessa acuminata</i> Decne.	1464	<i>Leptadenia reticulata</i> Wight	C
<i>Kibessa echinata</i> Jack	1464	<i>Leptaspis urceolata</i> R. Br.	1065
<i>Kokoona littoralis</i> Laws.	515	<i>Lettsomia tomentosa</i>	605
<i>Koompassia malaccensis</i> Maing.	1316	<i>Leucas linifolia</i> Spr.	1186
<i>Kopsia macrophylla</i>	348	<i>Leucas zeylanica</i> R. Br.	1187
<i>Korthalsia echinometra</i> Becc.	1963	<i>Leuconotis griffithii</i> Hook. f.	349
<i>Korthalsia flagellaris</i> Miq.	1967	<i>Leuconotis maingayi</i> Dyer	350

<i>Leucopogon malayanus</i> Jack	819	<i>Lophopetalum fuscescens</i> Kurz.	B
<i>Leucostegia parvula</i> Wall.	66	<i>Loranthus albidus</i> Bl.	1385
<i>Licuala acutifida</i> Mart.	C	<i>Loranthus ampullaceus</i> Roxb.	1389
<i>Licuala ferruginea</i> Becc.	1968	<i>Loranthus coccineus</i> Jack	1387
<i>Licuala spinosa</i> Wurm	1969	<i>Loranthus crassus</i> Hook. f.	1384
<i>Licuala triphylla</i> Griff.	1970	<i>Loranthus ferrugineus</i> Roxb.	1392
<i>Limacia kunstleri</i> King	1505	<i>Loranthus lobbii</i> Hook. f.	1382
<i>Limacia velutina</i> Miers	1511	<i>Loranthus longiflorus</i> Desr.	1383
<i>Limnanthemum indicum</i> Thw.	986	<i>Loranthus maingayi</i> Hook. f.	1386
<i>Limnophila conferta</i> Benth.	B	<i>Loranthus pentandrus</i> L.	1384
<i>Limnophila pulcherrima</i> Hook. f.	2300	<i>Loranthus retusus</i> Jack	1390
<i>Lindera malaccensis</i> Hook. f.	1213	<i>Lucaena glauca</i> Benth.	1318
<i>Lindera</i> sp.	E	<i>Lucinaea morinda</i> DC.	2156
<i>Lindsaya borneensis</i> Hook.	80	<i>Ludwigia prostrata</i> Roxb.	1727
<i>Lindsaya divergens</i> Wall.	82	<i>Lumnitzera coccinea</i> W. & A.	537
<i>Lindsaya lancea</i>	83	<i>Lumnitzera racemosa</i> Willd.	538
<i>Lindsaya lanuginosa</i> Wall.	110	<i>Luvunga eleutheranthera</i> Dalz.	2235
<i>Lindsaya repens</i> Thw.	91	<i>Luvunga scandens</i> Ham	2235
<i>Lindsaya rigida</i> Sm.	B	<i>Lycopodium cernuum</i> L.	94
<i>Lindsaya trapeziformis</i> Dry.	E	<i>Lycopodium nummulariifolium</i> Bl.	70
<i>Lindsaya walkerae</i> Hook.	92	<i>Lycopodium phlegmaria</i> L.	71
<i>Linociera pauciflora</i> var. <i>palembanica</i>	1718	<i>Lycopodium squarrosus</i> Forst.	72
<i>Linostoma pauciflorum</i> Griff.	2383	<i>Lycopodium taxifolium</i> Sw.	E
<i>Linostoma scandens</i> King	2382	<i>Lygodium circinnatum</i> Sw.	95
<i>Liparis disticha</i> Lindl.	1866	<i>Lygodium flexuosum</i> L.	96
<i>Liparis elegans</i> Lindl.	1864	<i>Lygodium microphyllum</i> R. Br.	99
<i>Liparis nervosa</i> Ridl.	1865	<i>Maba buxifolia</i> Pers.	795
<i>Liparis venosa</i> Ridl.	1867	<i>Macaranga hypoleuca</i> Muell.	921
<i>Lipocarpha argentea</i> R. Br.	707	<i>Macaranga javanica</i> Muell.	918
<i>Lipocarpha microcephala</i> Kunth	707	<i>Macaranga lowii</i> King	922
<i>Lippia nodiflora</i> Rich.	2433	<i>Macaranga megaphylla</i> Muell.	916
<i>Litobrochia incisa</i> Thunb.	63	<i>Macaranga populifolia</i> Muell.	915
<i>Litsea amara</i> Bl.	1231	<i>Macaranga trichocarpa</i> Muell.	925
<i>Litsea ferruginea</i> Bl.	1221	<i>Macaranga triloba</i> Muell.	926
<i>Litsea grandis</i> Bl.	1224	<i>Machilus rimosus</i> Bl.	B
<i>Litsea longipes</i> "Meissn.?"	E	<i>Macodes petola</i> Lindl.	1869
<i>Litsea myristicaefolia</i> Wall.	1228	<i>Maesa indica</i> L.	B
<i>Litsea nitida</i> Bl.	E	<i>Maesa ramentacea</i> DC.	1636
<i>Litsea panamonja</i> Ham.	B	<i>Magnolia maingayi</i> King	1400
<i>Litsea penangiana</i> Hook. f.	B	<i>Mallotus barbatus</i> Muell.	C
<i>Litsea petiolata</i> Hook. f.	1219	<i>Mallotus cochinchinensis</i> Lour.	928
<i>Litsea polyantha</i> Juss.	B	<i>Mallotus macrostachyus</i> Muell.	927
<i>Litsea salicifolia</i> Roxb.	E	<i>Mallotus penangensis</i> Muell.	929
<i>Litsea zeylanica</i> Nees	232	<i>Mallotus philippinensis</i> Muell.	C
<i>Livistona kingiana</i> Becc.	1977	<i>Mallotus vernicosus</i> Hook. f.	865
<i>Lophatherum lehmanni</i> Brngn.	1068	<i>Mangifera foetida</i> Lour.	254
<i>Lophopetalum curtisii</i> King	B	<i>Mangifera kemanga</i> Bl.	253
<i>Lophopetalum fimbriatum</i> Wight	519	<i>Mangifera lagenifera</i> Griff.	256
		<i>Mangifera odorata</i> Griff.	258

<i>Mangifera sclerophylla</i> Hook. f.	255	<i>Memecylon</i> sp. (3840)	E
<i>Mapania humilis</i> Naves.	709	<i>Memecylon</i> sp. (4436)	E
<i>Mapania longa</i> Clarke	710	<i>Memecylon</i> sp. (5753)	1443
<i>Mapania multispicata</i> Clarke	711	<i>Memecylon</i> sp. (6788)	1445
<i>Mapania palustris</i> Benth.	714	<i>Meniscium cuspidatum</i> Bl.	127
<i>Mariscus albescens</i> Gaud.	662	<i>Meniscium triphyllum</i> Sw.	129
<i>Mariscus cyperinus</i> Vahl	651	<i>Metroxylon rumphii</i> Mart.	D
<i>Mariscus dregeanus</i> Kunth	656	<i>Metroxylon sagus</i> Rottb.	D
<i>Mariscus microcephalus</i> Presl	648	<i>Mezoneuron sumatranum</i> W. & Arn.	268
<i>Mariscus sieberianus</i> Nees	652	<i>Mezzettia leptopoda</i> Oliver	300
<i>Marlea ebenacea</i> C.B. Clarke	229a	<i>Microdesmis caseariifolia</i> Planch.	934
<i>Marlea griffithii</i> C.B. Clarke	230	<i>Microlepidia speluncae</i> L.	105
<i>Marlea nobilis</i> C.B. Clarke	231	<i>Micromelum hirsutum</i> Oliv.	B
<i>Marlea</i> sp.	229b	<i>Microsaccus javensis</i> Bl.	1875
<i>Marumia rhodocarpa</i> Jack	1429	<i>Microstylis congesta</i> Rchb. f.	1870
<i>Mastixia junghuhnii</i> Clarke	633	<i>Microstylis micrantha</i> Hook. f.	1871
<i>Matthaea sancta</i> Bl.	1517	<i>Mikania scandens</i> Willd.	575
<i>Mazus rugosus</i> Lour.	2310	<i>Millettia atropurpurea</i> Benth.	1319
<i>Medinilla hasseltii</i> Bl.	1431	<i>Millettia eriantha</i> Benth.	1320
<i>Medinilla macrocarpa</i> Bl.	1432	<i>Millettia maingayi</i> Bak.	1321
<i>Medinillopsis sessiliflora</i> Cogn.	1461	<i>Mimosa pudica</i> L.	1325
<i>Megistostigma malaccense</i> Hook. f.	932	<i>Mimosa sepriaria</i> Benth.	1322
<i>Melaleuca leucadendron</i> L.	1689	<i>Mimusops hexandra</i> Roxb.	2276
<i>Melanochyla auriculata</i> Hook. f.	259	<i>Mischocarpus fuscescens</i> Bl.	2253
<i>Melanorrhoea maingayi</i> Hook. f.	252	<i>Mischocarpus sundaicus</i> Bl.	2254
<i>Melastoma decemfidum</i> Jack	C	<i>Modecca populifolia</i> Bl.	E
<i>Melastoma molle</i> Wall.	C	<i>Modecca singaporeana</i> Mast.	2002
<i>Melastoma polyanthum</i>	1433	<i>Mollugo stricta</i> L.	226
<i>Meliosma elliptica</i> Hook. f.	2241	<i>Monochoria hastaefolia</i> Presl	2045
<i>Meliosma lanceolata</i> Bl.	2239	<i>Monochoria vaginalis</i> Presl	2046
<i>Meliosma ridleyi</i> King	2240	<i>Monogramme trichodea</i> Sm.	108
<i>Melochia corchorifolia</i> L.	2343	<i>Morinda citrifolia</i> L.	2157
<i>Melodinus micranthus</i> Hook. f.	351	<i>Morinda persicaefolia</i> Ham.	E
<i>Melodinus orientalis</i> Bl.	B	<i>Morinda</i> sp.	2159
<i>Melodorum cylindricum</i> Maingay	322	<i>Morinda</i> sp. "sulong akar darat"	E
<i>Melodorum elegans</i> Hk. f.	302	<i>Morinda tinctoria</i> Roxb.	B
<i>Melodorum fulgens</i> Hk. f.	284	<i>Morinda umbellata</i> L.	2160
<i>Melodorum lanuginosum</i> Hk. f.	285	<i>Mucuna biplicata</i> Teysm.	B
<i>Melodorum latifolium</i> Hk. f.	286	<i>Mucuna gigantea</i> DC.	1326
<i>Melodorum manubriatum</i> Hk. f.	287	<i>Mussaenda glabra</i> Vahl	2161
<i>Melodorum pisocarpum</i> Hk. f.	302	<i>Mussaenda variabilis</i> Hemsl.	E
<i>Melodorum prismaticum</i> Hk. f.	322	<i>Myrialepis scortechinii</i> Becc	1971
<i>Memecylon acuminatum</i> Bl.	1434	<i>Myrica nagi</i> Thunb.	1581
<i>Memecylon amplexicaule</i> Roxb.	1435	<i>Myristica bivalvis</i> Hook. f.	1589
<i>Memecylon grande</i> Retz.	1451	<i>Myristica brachiata</i> King	B
<i>Memecylon heteropleurum</i> Bl.	1441	<i>Myristica bracteata</i> DC.	1615
<i>Memecylon laevigatum</i> Bl.	1448	<i>Myristica cantleyi</i> Hook. f.	1606
<i>Memecylon myrsinoides</i> Bl.	1448	<i>Myristica cinnamomea</i> king	1610
<i>Memecylon pauciflorum</i> Bl.	B	<i>Myristica conferta</i> King	1598

<i>Myristica crassa</i> King	1610	<i>Nephrodium molle</i> Desv. var.	
<i>Myristica crassifolia</i> Hook. f.	1586	<i>amboinense</i>	34
<i>Myristica elliptica</i> Wall.	1611	<i>Nephrodium pennigerum</i> Bl.	B
<i>Myristica farquhariana</i> Wall.	1584a,b	<i>Nephrodium polycarpum</i>	154
<i>Myristica ferruginea</i> Wall.	1583	<i>Nephrodium tectum</i> Wall.	33
<i>Myristica forbesii</i> King	1585	<i>Nephrodium truncatum</i> Presl	126
<i>Myristica glauca</i> Bl.	1601	<i>Nephrodium unitum</i> L.	39
<i>Myristica glaucescens</i> Hook. f.	1607	<i>Nephrodium urophyllum</i> Wall.	128
<i>Myristica hookeriana</i> Wall.	1603	<i>Nephrolepis acuta</i> Presl	111
<i>Myristica iners</i> Bl.	1612	<i>Nephrolepis duffii</i>	E
<i>Myristica intermedia</i> Bl.	1604	<i>Nephrolepis exaltata</i> L.	112
<i>Myristica irya</i> Gaertn.	1588	<i>Nephrolepis volubilis</i> J. Sm.	114
<i>Myristica laurina</i> Bl.	1606	<i>Neptunia oleracea</i> Lour.	1327
<i>Myristica longifolia</i> Wall.	1600	<i>Neuwiedia curtisii</i> Rolfe	1880
<i>Myristica lowiana</i> King	1613	<i>Neuwiedia griffithii</i> Rchb. f.	1878
<i>Myristica majuscula</i> King	1590b	<i>Neuwiedia lindleyi</i> Rolfe	1879
<i>Myristica oblongifolia</i> King	B	<i>Niphobolus acrostichoides</i> Sw.	140
<i>Myristica pendulina</i> Hook.	D	<i>Niphobolus adnascens</i> Sw.	139
<i>Myristica polysphaerula</i> Hook. f.	1590a	<i>Niphobolus penangianus</i> Hook.	B
<i>Myristica succosa</i> King	1593	<i>Norrisia malaccensis</i> Garden.	1376
<i>Myristica superba</i> Hook. f.	1594	<i>Nypa fruticans</i> Wurm	1973
<i>Myristica wallichii</i> Hook. f.	1596	<i>Oberonia anceps</i> Lindl.	1881
<i>Myristica wrayi</i> King	1601	<i>Oberonia ciliolata</i> Hook. f.	1881
<i>Myrmecodia echinata</i> Jack	2165	<i>Oberonia dissitiflora</i> Ridl.	1883
<i>Myrsine capitellata</i> Wall.	E	<i>Oberonia lunata</i> Lindl.	1886
<i>Najas minor</i> All.	1696	<i>Oberonia miniata</i> Lindl.	1887
<i>Neesia synandra</i> Mast.	467	<i>Ochanostachys amentacea</i> Oliv.	1711
<i>Nenga wendlandiana</i> var. <i>malaccensis</i>	1972	<i>Ochlandra ridleyi</i> Gamble	1098
		<i>Ochthocharis borneensis</i> Cogn.	1456
<i>Nepenthes albomarginata</i> Lobb	C	<i>Ochthocharis javanica</i> Bl.	1457
<i>Nepenthes ampullaria</i> Jack	1697	<i>Ochthocharis paniculata</i> Korth.	1458
<i>Nepenthes gracilis</i>	1698	<i>Ocimum basilicum</i> L.	1189
<i>Nepenthes phyllamphora</i> Willd.	1701	<i>Oldenlandia corymbosa</i> L.	2121
<i>Nepenthes rafflesiana</i> Jack	1700	<i>Oldenlandia dichotoma</i> Retz.	2122
<i>Nepenthes reinwardtii</i> Miq.	B	<i>Oldenlandia diffusa</i> L.	2123
<i>Nephelaphyllum pulchrum</i> Bl.	1876	<i>Oldenlandia trinervia</i> Retz.	2127
<i>Nephelium eriopetalum</i> Miq.	2255	<i>Olea maritima</i> Wall.	1722
<i>Nephelium glabrum</i> Noronha	B	<i>Oncosperma horridum</i> Scheff.	1975
<i>Nephelium lappaceum</i> L.	2256	<i>Oncosperma tigillarium</i> Griff.	1976
<i>Nephelium rufescens</i> Hiern	2257	<i>Ophioglossum nudicaule</i> L.	115
<i>Nephrodium aridum</i> Don	31	<i>Ophioglossum pendulum</i> L.	116
<i>Nephrodium cucullatum</i> Bl.	155	<i>Ophiorrhiza harrisiana</i> Heyne	2171
<i>Nephrodium heterocarpon</i> Bl.	153	<i>Orania macrocladus</i> Mart.	1976
<i>Nephrodium latebrosus</i> Kze.	E	<i>Ormosia macrodisca</i> Bak.	1331
<i>Nephrodium molle</i> Desv. ??	33	<i>Ormosia microsperma</i> Bak.	1332
<i>Nephrodium molle</i> Desv. var. <i>procurrens</i>	E	<i>Ormosia parvifolia</i> Bak.	1330
		<i>Orophea hastata</i> King	303
<i>Nephrodium molle</i> Desv. var. <i>didymosorum</i>	33	<i>Osmelium maingayi</i> King	979
		<i>Ostodes macrophylla</i>	896

<i>Ostodes muricata</i> var. <i>minor</i>	C	<i>Parkia speciosa</i> Hassk.	1334
<i>Oxalis corniculata</i> L.	1931	<i>Parsonsia spiralis</i> Wall.	355
<i>Oxyanthera decurva</i> Hook. f.	1911	<i>Paspalum conjugatum</i> Berg.	1080
<i>Oxyanthera elata</i> Hook. f.	1910	<i>Paspalum distichum</i> Burm.	1085
<i>Oxymitra affinis</i> King	B	<i>Paspalum longiflorum</i> Retz.	1026/1031
<i>Oxymitra calycina</i> King	290	<i>Paspalum sanguinale</i> Lam.	1023/1029/ 1030a,b
<i>Pachycentria glauca</i> Triana	1446	<i>Paspalum scrobiculatum</i> L.	1084
<i>Pachycentria macrorrhiza</i> Becc.	1459	<i>Passiflora foetida</i>	2003
<i>Pachycentria tuberculata</i>	1459	<i>Passiflora minima</i>	2005
<i>Pachynocarpus wallichii</i> King	786	<i>Passiflora quadrangularis</i>	D
<i>Paederia foetida</i> L.	2177	<i>Passiflora suberosa</i>	2005
<i>Paederia tomentosa</i> Bl.	2176	<i>Payena costata</i> King	E
<i>Paederia verticillata</i>	2177	<i>Payena leerii</i> Benth.	2279
<i>Pandanus atroparpus</i> Griff.	1993	<i>Peliosanthes violacea</i> Wall.	1368
<i>Pandanus fascicularis</i> Lam.	1996	<i>Peliosanthes viridis</i> Ridl.	1368
<i>Pandanus houllettei</i> Carr.	1994	<i>Pellacalyx axillaris</i> Korth.	2071
<i>Pandanus laevis</i> Rumph	D	<i>Pellacalyx saccardianus</i> Scort.	2072
<i>Pandanus ornatus</i> Kurz	1995	<i>Pellionia javanica</i> Wedd.	C
<i>Pandanus parvus</i>	1997	<i>Peltophorum ferrugineum</i> Benth.	1335
<i>Pandanus</i> sp. "stems slender..."	E	<i>Pemphis acidula</i> Forst.	1397
<i>Pandanus</i> sp. near <i>P. helicopus</i>	E	<i>Pentace triptera</i> Mast.	2391
<i>Pandanus</i> sp. "A tall plant..."	E	<i>Pentapetes phoenicea</i> L.	D
<i>Panicum auritum</i> Presl	1074	<i>Pentaphragma begoniaefolium</i> Wall.	2008
<i>Panicum colonum</i> L.	1033		
<i>Panicum crus-galli</i> L.	1034	<i>Peperomia exigua</i> Miq.	2011
<i>Panicum distachyum</i> L.	1006	<i>Peristrophe acuminata</i> Nees	206
<i>Panicum indicum</i> L.	1094	<i>Peristrophe montana</i> Nees	207
<i>Panicum latifolium</i> L.	997	<i>Perotis latifolia</i> Ait	1088
<i>Panicum luzonense</i> Presl	1076	<i>Petunga venulosa</i> Hook.	2130
<i>Panicum myosuroides</i> Br.	1095	<i>Phaeanthus lucidus</i> Oliver	B
<i>Panicum nodosum</i> Kth.	1073	<i>Phaeanthus nutans</i> Hk. f.	305
<i>Panicum ovalifolium</i> Poir.	1075	<i>Philydrum lanuginosum</i>	2009
<i>Panicum patens</i> L.	1017	<i>Phoebe declinata</i> Nees	1235
<i>Panicum pilipes</i> Nees	1018	<i>Phoebe opaca</i> Bl.	1236
<i>Panicum repens</i> L.	1078	<i>Phoebe sumatrana</i> Miq.	E
<i>Panicum sarmentosum</i> Roxb.	1079	<i>Phoenix</i> sp.	E
<i>Parameria glandulifera</i> Benth.	353	<i>Phrynium griffithii</i> Bak.	1418
<i>Parameria polyneura</i> Benth.	354	<i>Phyllanthus coriaceus</i> Wall.	B
<i>Paramignya grandiflora</i> Oliv.	B	<i>Phyllanthus distichus</i> Muell.	D
<i>Paramignya longispina</i> Hook. f.	2236	<i>Phyllanthus madraspatensis</i> L.	B
<i>Paranephelium macrophyllum</i> King	2259	<i>Phyllanthus niruri</i> Wall.	936
<i>Parastemon urophyllus</i> DC.	533	<i>Phyllanthus pectinatus</i> Hook. f.	938
<i>Parinarium costatum</i> Bl.	534	<i>Phyllanthus pulcher</i> Wall.	D
<i>Parinarium griffithianum</i> Benth.	532	<i>Physostelma wallichii</i> Wight	434
<i>Parinarium nitidum</i> Hook. f.	531	<i>Phytocrene bracteata</i> Wall.	1172
<i>Parinarium oblongifolium</i> Hook. f.	535	<i>Phytocrene oblonga</i> Wall.	B
<i>Parishia maingayi</i> Hook. f.	263	<i>Pilea muscosa</i> Lindl.	2415
<i>Parishia paucijuga</i> Engl.	264	<i>Pimelandra wallichii</i> DC.	1626
<i>Parishia pubescens</i> Hook. f.	262		

<i>Pinanga coronata</i> Bl.	B	<i>Pollia sorzogonesis</i> Endl.	552
<i>Pinanga disticha</i> Bl.	1978	<i>Polyalthia bullata</i> King	307
<i>Pinanga malaiana</i> Scheff.	1980	<i>Polyalthia macropoda</i> King	315
<i>Pinanga paradoxa</i> Scheff.?	B	<i>Polyalthia scortechinii</i> King	316
<i>Pinanga polymorpha</i> Becc.	C	<i>Polyalthia sumatrana</i> King	318
<i>Piper caninum</i> Bl.	2012	<i>Polybotrya appendiculata</i> Willd.	26
<i>Piper chaba</i> L.	2013	<i>Polygala brachystachya</i> Bl.	2029
<i>Piper maingayi</i> Hook. f.	2016	<i>Polygonum barbatum</i> L.	2041
<i>Piper miniatum</i> Bl.	2018	<i>Polygonum flaccidum</i> Meissn.	B
<i>Piper muricatum</i> Bl.	2019	<i>Polygonum pedunculare</i> Wall.	B
<i>Piper pedicellosum</i> Wall.	2021	<i>Polyosma fragrans</i> Benn.	B
<i>Piper porphyrophyllum</i> N.E. Br.	2022	<i>Polyosma ridleyi</i> King	2289
<i>Piper sarmentosum</i>	2025	<i>Polypodium adspersum</i> Bl.	C
<i>Piper sumatrana</i> Cas.	2024	<i>Polypodium decorum</i> Brack.	35
<i>Pipturus mollissimus</i> Wedd.	2413	<i>Polypodium setigerum</i> Bl.	C
<i>Pistia stratiotes</i> L.	397	<i>Polypodium streptophyllum</i> Bak.	B
<i>Pithecellobium angulatum</i> Benth.	1259	<i>Polystachya singaporensis</i> Ridl.	1896
<i>Pithecellobium bubalinum</i> Benth.	B	<i>Polytrias praemorsa</i> Hack.	1091
<i>Pithecellobium clypearia</i> Benth.	1259	<i>Pometia alnifolia</i> Radlk.	2260
<i>Pithecellobium confertum</i> Benth.	1257	<i>Pometia gracilis</i> King	2260
<i>Pithecellobium contortum</i> Mart.	1260	<i>Pongamia glabra</i> Vent.	1336
<i>Pithecellobium ellipticum</i> Hassk.	1261	<i>Popowia ramosissima</i> Hk. f.	320
<i>Pithecellobium lobatum</i> Benth.	1263	<i>Popowia tomentosa</i> Maing.	321
<i>Pithecellobium microcarpum</i> Benth.	1264	<i>Portulaca oleracea</i> L.	2047
<i>Pittosporum ferrugineum</i> Ait	2027	<i>Portulaca quadrifida</i> L.	2049
<i>Plagiostachys lateralis</i> Ridl.	2500	<i>Pothos curtisii</i> Hook. f.	396
<i>Plantago major</i> L.	2028	<i>Pouzolzia indica</i> L.	2419
<i>Platycerium biforme</i> Bl.	22	<i>Pouzolzia pentandra</i> Benn.	E
<i>Platycerium grande</i> Sm.	C	<i>Pratia begonifolia</i> Lindl.	498
<i>Platyclinis longifolia</i> Hemsl.	1829	<i>Premna cordifolia</i> Roxb.	B
<i>Plectocomia griffithii</i> Becc.	1984	<i>Premna coriacea</i> Clarke	E
<i>Pleocnemia gigantea</i> Bl.	B	<i>Premna corymbosa</i> Roth.	2435
<i>Pleopeltis angustata</i> Sw.	138	<i>Premna flavescens</i> var. <i>rubens</i>	E
<i>Pleopeltis longifolia</i> Mett.	79	<i>Premna integrifolia</i> var. <i>angustior</i>	2435
<i>Pleopeltis nigrescens</i> Bl.	119	<i>Premna parasitica</i> Bl.	2437
<i>Pleopeltis phymatodes</i> L.	120	<i>Prismatomeris albidiflora</i> Thw.	2182
<i>Pleopeltis punctata</i> L.	108	<i>Prosaptia contigua</i> Sw.	B
<i>Pleopeltis sinuosa</i> Wall.	110	<i>Psilotum complanatum</i> Sw.	130
<i>Pleopeltis stenophylla</i> Bl.	B	<i>Psilotum flaccidum</i> Wall.	130
<i>Plocoglottis foetida</i> Ridl.	1892	<i>Psychotria angulata</i> Korth.	2183
<i>Plocoglottis javanica</i> Bl.	1893	<i>Psychotria griffithii</i> Hook. f.	2185
<i>Plocoglottis porphyrophylla</i> Ridl.	1894	<i>Psychotria helferiana</i> Kurz.	2186
<i>Pluchea indica</i> Less.	577	<i>Psychotria maingayi</i> Hook. f.	2187
<i>Plumbago zeylanica</i> L.	2028	<i>Psychotria malayana</i> Jack	2188
<i>Podocarpus neglectus</i> Bl.	B	<i>Psychotria montana</i> var. <i>tabacifolia</i>	
<i>Podocarpus neriifolia</i> Don	B	Wall.	B
<i>Podochilus microphyllus</i> Lindl.	1895	<i>Psychotria morindaeflora</i> Wall.	B
<i>Pogonanthra reflexa</i> Bl.	1462	<i>Psychotria ovoidea</i> Wall.	2190
<i>Pogonia punctata</i> Bl.	1877	<i>Psychotria polycarpa</i> Miq.	2189

<i>Psychotria sarmentosa</i> Bl.	2194	<i>Renanthera elongata</i> Lindl.	1899
<i>Psychotria</i> sp. "green flowers"	E	<i>Renanthera maingayi</i> Hook. f.	1744
<i>Psychotria</i> sp. "grey green fruits"	E	<i>Renantherella histrionica</i> Ridl.	1900
<i>Psychotria stipulacea</i>	2188	<i>Rhizophora conjugata</i> L.	2073
<i>Pteleocarpa malaccensis</i> Oliv.	474	<i>Rhizophora mucronata</i> Lmk.	2074
<i>Pteris aquilina</i> L.	132	<i>Rhodamnia trinervia</i> Bl.	1690
<i>Pteris ensiformis</i> Burm.	134	<i>Rhododendron javanicum</i> var. <i>tubiflorum</i>	
<i>Pteris longifolia</i> L.	137		820
<i>Pterisanthes coriacea</i> Korth.	2470	<i>Rhododendron lampongum</i> Miq.	820
<i>Pternandra capitellata</i> Jack	1463	<i>Rhodomirtus tomentosus</i> Wight	1691
<i>Pternandra coerulescens</i> Jack	1463	<i>Rhynchospora glauca</i> var. <i>chinensis</i>	721
<i>Pternandra paniculata</i> Benth.	1463	<i>Rhynchospora malasica</i> Clarke	719
<i>Pterospermum blumeum</i> Korth.	2346	<i>Rhynchospora wallichiana</i> Kunth	720
<i>Pterospermum diversifolium</i> Bl.	2345	<i>Rhynchospora aurea</i> Vahl	718
<i>Ptychopyxis costata</i> Miq.	943	<i>Rhyncostylis gigantea</i> Ridl.	1901
<i>Ptychoraphis singaporensis</i> Becc.	1985	<i>Rottboellia glandulosa</i> Trin.	1070
<i>Pupalia atropurpurea</i> Miq.	C	<i>Roucheria griffithiana</i> Planch.	1369
<i>Pycreus nitens</i> Nees	669	<i>Rourea acuminata</i> Hook. f.	602
<i>Pycreus polystachyus</i> Beauv.	668	<i>Rourea concolor</i> Bl.	601
<i>Pygeum lanceolatum</i> Hook. f.	2079	<i>Rourea fulgens</i> Planch.	600
<i>Pygeum maingayi</i> Hook. f.	2078	<i>Rourea parallela</i> Planch.	601
<i>Pygeum persimile</i> Kurz	2077	<i>Rourea pulchella</i> Planch.	602
<i>Pygeum polystachyum</i> Hook. f.	2079	<i>Rourea rugosa</i> Planch.	603
<i>Pyrenaria acuminata</i> Planch.	2375	<i>Rourea similis</i> Bl.	601
<i>Pyrenaria kunstleri</i> King	B	<i>Rubus glomeratus</i> Bl.	2080a
<i>Quercus bennettii</i> Miq.	961	<i>Rubus moluccanus</i> L.	2080b
<i>Quercus cantleyana</i>	962	<i>Ruellia repens</i> L.	209
<i>Quercus conocarpa</i> Oudem.	963	<i>Ryparosa hullettii</i> King	982
<i>Quercus cyclophora</i> Endl.	964	<i>Saccolabium perpusillum</i> Hook. f.	1904
<i>Quercus encleisacarpa</i> Korth.	966	<i>Salacia flavescens</i> Kurz	526
<i>Quercus hystrix</i> Korth.	968	<i>Salacia grandiflora</i> Kurz	524
<i>Quercus lamponga</i> Miq.	971	<i>Salacia latifolia</i> Wall.	522
<i>Quercus lucida</i> Roxb.	970	<i>Salacia lobbii</i> Laws.	517
<i>Quercus oidocarpa</i> Korth.	B	<i>Salacia longiflora</i> Hook.	E
<i>Quercus spicata</i> var. <i>gravipes</i>	965	<i>Salacia prinoides</i> DC.	522
<i>Quercus sundaica</i>	971	<i>Salacia sp.</i>	526
<i>Quercus wallichiana</i> Lindl.	972	<i>Salacia viminea</i> Wall.	527
<i>Randia angulosa</i> Wall.	E	<i>Salomonina aphylla</i> Griff.	B
<i>Randia anisophylla</i> Jack	2179	<i>Salomonina cantoniensis</i> Lour.	2031
<i>Randia densiflora</i> Benth.	2082	<i>Salomonina oblongifolia</i> Dec.	B
<i>Randia fasciculata</i> DC.	B	<i>Sandoricum indicum</i> Lmk.	1499
<i>Randia longiflora</i> Lam.	2173	<i>Sandoricum radiatum</i> King	1499
<i>Randia macrophylla</i> Br.	2197	<i>Santiria apiculata</i> Benn.	488
<i>Raphidophora gracilipes</i> Hook. f.	B	<i>Santiria laevigata</i> Bl.	491
<i>Raphidophora lobbii</i> Schott	400	<i>Santiria laxa</i> King	486
<i>Raphidophora minor</i> Hook. f.	402	<i>Santiria multiflora</i> Benn.	493
<i>Raphistemma pulchellum</i> Wall.	D	<i>Sapium discolor</i> Muell.	945
<i>Remirea maritima</i> Aubl.	666	<i>Sapium indicum</i> Roxb.	946
<i>Renanthera alba</i> Ridl.	1743	<i>Saprosma sp.</i>	E

<i>Sarauja tristyla</i> Miq.	218	<i>Selliguea feei</i> Hook.	152
<i>Sarcanthus halophilus</i>	1783	<i>Serianthes grandiflora</i> Benth.	1344
<i>Sarcocephalus junghuhnii</i> Miq.	2166	<i>Sesamum indicum</i> L.	2006
<i>Sarcocephalus maingayi</i> Hav.	2170	<i>Sesbania paludosa</i> Roxb.	B
<i>Sarcocephalus</i> sp.	E	<i>Sesuvium portulacastrum</i> L.	228
<i>Sarcocephalus subditus</i> Miq.	2167	<i>Setaria glauca</i> Beauv.	1102
<i>Sarcochilus adnatus</i> Ridl.	1872	<i>Shorea bracteolata</i> King	774
<i>Sarcochilus caligaris</i> Ridl.	1898	<i>Shorea gibbosa</i> Brandis	777
<i>Sarcolobus globosus</i> Wall.	444	<i>Shorea gratissima</i> Dyer	778
<i>Sauropus albicans</i> Bl.	947	<i>Shorea leprosula</i> Miq.	779
<i>Scaevola koenigii</i> Vahl	996	<i>Shorea macroptera</i> Dyer	780
<i>Schismatoglottis longipes</i> Miq.	404	<i>Shorea parvifolia</i> Dyer	782
<i>Schismatoglottis wallichii</i> Hook. f.	405	<i>Shorea pauciflora</i> King	783
<i>Schizaea dichotoma</i> Sw.	143	<i>Sida carpinifolia</i> L.	1409
<i>Schizaea digitata</i> Sw.	144	<i>Sida rhombifolia</i> L.	1411
<i>Schizoloma ensifolium</i> Sw.	84	<i>Sideroxylon ferrugineum</i> Hook.	2284
<i>Schizoloma heterophylla</i> Dry.	85	<i>Sideroxylon maingayi</i> Clarke	2283
<i>Schizoloma lobata</i> Poir.	81	<i>Sideroxylon malaccense</i> Clarke	2285
<i>Schizoloma media</i> R. Br.	E	<i>Sindora intermedia</i> Bak.	1346
<i>Schoenus calostachyus</i> Poir.	722	<i>Sindora wallichiana</i> Benth.	1346
<i>Sciaphila affinis</i> Becc.	2396	<i>Sloanea javanica</i> Miq.	818
<i>Scindapsus hederaceus</i> Schott	406	<i>Sloetia sideroxylon</i> Teysm.	1580
<i>Scindapsus pictus</i> Hassk.	407	<i>Smilax barbata</i> Wall.	2321
<i>Scirpodendron costatum</i> Kurz	723	<i>Smilax calophylla</i> Wall.	2322
<i>Scirpus grossus</i> L. f.	724	<i>Smilax megacarpa</i> Roxb.	2325
<i>Scirpus mucronatus</i> L.	725	<i>Smilax myosotiflora</i> A. DC.	2326
<i>Scleria bancana</i> Miq.	729	<i>Smythea pacifica</i> Seem.	2055
<i>Scleria biflora</i> Roxb.	727	<i>Smythea reticulata</i> King	2055
<i>Scleria caricina</i> Benth.	728	<i>Solanum aculeatissimum</i> Jacq.	B
<i>Scleria levis</i> Retz.	732	<i>Solanum biflorum</i> Lour.	C
<i>Scleria multifoliata</i> Boeck.	734	<i>Solanum melongena</i> L.	D
<i>Scleria oryzoides</i> Presl	733	<i>Solanum nigrum</i> L.	2329
<i>Scleria radula</i> Hance	737	<i>Solanum sarmentosum</i> Nees	2330
<i>Scleria ridleyi</i> Clarke	730	<i>Solanum torvum</i> Sw.	2331
<i>Scleria sumatrensis</i> Retz.	736	<i>Sonerila heterophylla</i> Herb.	B
<i>Scleria zeylanica</i> Poir.	735	<i>Sonerila moluccana</i> Roxb.	1467
<i>Scleropyrum maingayi</i> Hook. f.	2245	<i>Sonerila obliqua</i> Korth.	1466
<i>Scolopia rhinantha</i> Clos.	984	<i>Sonneratia acida</i> L.	2333
<i>Scoparia dulcis</i> L.	2312	<i>Sonneratia alba</i> Smith	2332
<i>Scorodocarpus borneensis</i> Becc.	1713	<i>Sonneratia griffithii</i> Kurz	2332
<i>Scyphiphora hydrophyllacea</i> Gaertn.	2199	<i>Spathoglottis plicata</i> Bl.	1906
<i>Sebastiania chamalaea</i> Muell.	948	<i>Spatholobus ferrugineus</i> Benth.	1347
<i>Selaginella atroviridis</i> Spring.	147	<i>Spatholobus maingayi</i> Prain	1348
<i>Selaginella plumosa</i> Bak.	E	<i>Spatholobus ridleyi</i> Prain	1349
<i>Selaginella</i> sp. (6547)	E	<i>Spermacoce hispida</i> L.	2084
<i>Selaginella trichobasis</i> Bak.	149	<i>Spermacoce ocymoides</i> Burm.	E
<i>Selaginella wilddenowii</i> Bak.	151	<i>Spermacoce scaberrima</i> Bl.	2103
<i>Seliguea membranacea</i> Hook.	B	<i>Sphaeranthus africanus</i> L.	581
		<i>Sphaerocaryum elegans</i> Nees	1104

<i>Sphenodesme pentandra</i> Jack	2440	<i>Tephrosia candida</i> DC.	D
<i>Spilanthus acmella</i> L.	554	<i>Tephrosia hookeriana</i>	1337
<i>Sporobolus indicus</i> L.	1105a	<i>Terminalia catappa</i> L.	540
<i>Stachytarpheta indica</i> Vahl	2442	<i>Terminalia phellocarpa</i> King	541
<i>Stachytarpheta mutabilis</i>	2444	<i>Terminalia subspatulata</i> King	542
<i>Stelechocarpus burahol</i> Hook. f.	C	<i>Ternstroemia penangiana</i> Choisy	2378/
<i>Stemona tuberosa</i> Lour.	B		2378
<i>Stenochlaena palustris</i> L.	156	<i>Tetracera assa</i> Dec.	750
<i>Stephania hernandifolia</i> Wall.	B	<i>Tetracera assa</i> var.	747
<i>Stephanotis maingayi</i> Hook. f.	446	<i>Tetracera euryanda</i> Vah.	748
<i>Sterculia laevis</i> Wall.	2350	<i>Tetracera fagifolia</i> Bl.	749
<i>Sterculia macrophylla</i> Vent.	2353	<i>Tetracera macrophylla</i> Wall.	750
<i>Sterculia parviflora</i> Vent.	2354	<i>Tetramerista glabra</i> Miq.	2368
<i>Sterculia rubiginosa</i> Vent.	2355	<i>Thamnopteris nidus</i> L.	17
<i>Sterculia scaphigera</i>	2347	<i>Thelasis elongata</i> Bl.	1912
<i>Stereospermum chelonoides</i> DC.	461	<i>Thespesia populnea</i> Corr.	1412
<i>Stereospermum hyposticta</i> Miq.	459	<i>Thismia aseroe</i> Becc.	479
<i>Streblus asper</i> Lour.	B	<i>Thismia fumida</i> Ridl.	480
<i>Streptocaulon wallichii</i> Wight	C	<i>Thoracostachyum bancanum</i>	738
<i>Striga lutea</i> Lour.	2314	<i>Thottea dependens</i>	420
<i>Strombosia rotundifolia</i> King	1714	<i>Thottea grandiflora</i> Rottb.	421
<i>Strophanthes brevicaudatus</i> Wight	357	<i>Thrixspermum arachnites</i> Rchb. f.	1915
<i>Strophanthes dichotomus</i> DC.	356	<i>Thrixspermum calceolus</i> Rchb. f.	1915
<i>Strychnos malaccensis</i> Benth.	1377	<i>Thrixspermum lilacinum</i> Rchb. f.	1914
<i>Strychnos pubescens</i> Clarke	1377	<i>Thrixspermum notabile</i> Ridl.	1913
<i>Strychnos tieute</i> Bl.	1378	<i>Thuarea sarmentosa</i> Pers.	1109
<i>Styrax benzoin</i> Dryand.	2357	<i>Thunbergia alata</i> Bojer.	214
<i>Styrax crotonoides</i> Clarke	2359	<i>Thunbergia fragrans</i> Roxb.	216
<i>Susum anthelminticum</i> Bl.	1147	<i>Timonius finlaysonianus</i> Wall.	2207
<i>Symplocos adenophylla</i> Wall.	2359	<i>Timonius jambosella</i> Thw.	2208
<i>Symplocos celastriifolia</i> Griff.	2361	<i>Timonius rumphii</i> DC.	2209
<i>Symplocos fasciculata</i> Zoll.	2362	<i>Tinomiscium petiolare</i> Miers	1513
<i>Symplocos rigida</i> Clarke	2360	<i>Tinospora cordifolia</i> Miers	B
<i>Symplocos rubiginosa</i> Wall.	2365	<i>Torenia mucronulata</i> Benth.	E
<i>Symplocos</i> sp.	2363	<i>Torenia polygonoides</i> Benth.	2296
<i>Symplocos spicata</i> Roxb.	B	<i>Tournefortia wallichii</i> DC.	475
<i>Synedrella nodiflora</i> Gaertn.	582	<i>Toxocarpus griffithii</i> Don	447
<i>Syngamma alismifolia</i> Hook.	157	<i>Trema angustifolia</i> Bl.	2405
<i>Syngamma wallichii</i> Hook.	157	<i>Trema orientalis</i> Bl.	2407
<i>Tabernaemontana coronaria</i> Roxb.	D	<i>Trema timorensis</i> Bl.	2406
<i>Tabernaemontana corymbosa</i> Roxb.	358	<i>Trichomanes digitatum</i> Sw.	B
<i>Tabernaemontana malaccensis</i> Hook. f.	359	<i>Trichomanes filicula</i> Bory.	E
		<i>Trichomanes javanicum</i> Bl.	172
<i>Tacca cristata</i> Jack	2366	<i>Trichomanes maximum</i> Bl.	B
<i>Taeniophyllum serrula</i> Hook. f.	1909	<i>Trichomanes motleyi</i> v.d. Bosch	175
<i>Taenitis blechnoides</i> Willd.	158	<i>Trichomanes muscoides</i> Sw.	173
<i>Talauma elegans</i> Miq.	1399	<i>Trichomanes parviflorum</i> Poir.	E
<i>Talauma lanigera</i> Hook. f.	1398	<i>Trichomanes rigidum</i> Sw.	176
<i>Tarrietia simplicifolia</i> Mast.	2341	<i>Trichosanthes celebica</i> Cogn.	640

<i>Trichosanthes wallichiana</i> Wight	641	<i>Uvaria hirsuta</i> Jack	327
<i>Trichosanthes wawraei</i> Cogn.	642	<i>Uvaria lobbiana</i> Hk. f.	329
<i>Tridax procumbens</i> L.	583	<i>Uvaria macrophylla</i> Roxb.	324
<i>Trigonachras acuta</i> Radlk.	2261	<i>Uvaria ridleyi</i> King	328
<i>Trigoniastrium hypoleucum</i> Miq.	2395	<i>Uvaria subrepanda</i> Wall.	329
<i>Trigonochlamys griffithii</i> Hook. f.	490	<i>Vaccinium acuminatissimum</i> Miq.	821
<i>Trigonostemon longifolius</i> Baill.	952	<i>Vaccinium bancanum</i> Miq.	823
<i>Triomma malaccensis</i> Griff.	494	<i>Vaccinium malaccense</i> Wight	822
<i>Tristania merguensis</i> Griff.	1692	<i>Vallisneria spiralis</i> L.	345
<i>Tristania whitiana</i> Griff.	1694	<i>Vandellia crustacea</i> Benth.	2304
<i>Tristellateia australasiae</i> Rich.	1404	<i>Vandellia hirsuta</i> Benth.	2309
<i>Triumfetta pilosa</i> Roth.	E	<i>Vandellia pedunculata</i> Griff.	2301
<i>Triumfetta rhomboidea</i> Jacq.	2394	<i>Vandellia scabra</i> Benth.	2306
<i>Turpinia pomifera</i> DC.	2335	<i>Vanilla griffithii</i> Rehb. f.	1924
<i>Tylophora tenuis</i> Wall.	450	<i>Vatica ridleyana</i> Brandis	786/787
<i>Tylophora wallichii</i> ? Hook. f.	449	<i>Ventilago leiocarpa</i> Benth.	2056
<i>Typhonium roxburghii</i> Schott	409	<i>Ventilago madraspatana</i> Gaertn.	B
<i>Uncaria attenuata</i> Korth.	2212	<i>Vernonia arborea</i> Ham.	584
<i>Uncaria ferrea</i> DC.	B	<i>Vernonia chinensis</i> L.	586
<i>Uncaria gambir</i> Roxb.	2215	<i>Vernonia cinerea</i> Less.	585
<i>Uncaria glabrata</i> DC.	2216	<i>Vernonia scandens</i> DC.	562
<i>Uncaria jasmminiflora</i> Wall.	2213	<i>Viburnum sambucinum</i> Reinwardt	506
<i>Uncaria ovata</i> Hook. f.	B	<i>Vigna retusa</i> Walp.	1354
<i>Uncaria pedicellata</i> Roxb.	2214	<i>Vinca rosea</i> L.	342
<i>Uncaria pteropoda</i> Miq.	2217	<i>Viscum articulatum</i> Burm.	1394
<i>Uncaria roxburghiana</i> Korth.	2218	<i>Viscum orientale</i> Willd.	1395
<i>Unona dasymaschala</i> Bl.	281	<i>Vitex gamosepala</i>	2447
<i>Unona desmantha</i> Hk. f.	308	<i>Vitex negundo</i> L.	2448
<i>Unona discolor</i> Vahl	280	<i>Vitex pubescens</i> Vahl	2449
<i>Unona dumosa</i> Roxb.	282	<i>Vitex trifolia</i> L.	2450
<i>Unona longiflora</i> Roxb.	B	<i>Vitex vestita</i> Wall.	2451
<i>Unona stenopetala</i>	B	<i>Vitis cerasiformis</i> Teysm.	2464
<i>Uraria crinita</i> Desv.	1353	<i>Vitis cinnamomea</i> Wall.	2455
<i>Urceola brachysepalas</i> Hook. f.	358	<i>Vitis elegans</i> Kurz	2456
<i>Urceola lucida</i> Benth.	360	<i>Vitis furcata</i> Laws.	2466
<i>Urceola maingayi</i> Hook. f.	361	<i>Vitis glaberrima</i> Wall.	2464
<i>Urceola malaccensis</i> Hook. f.	362	<i>Vitis gracilis</i> Wall.	2457
<i>Urceola torulosa</i> Hook. f.	363	<i>Vitis japonica</i> Thunb.	B
<i>Urena lobata</i> L.	1414	<i>Vitis lawsoni</i> King	2473
<i>Urophyllum glabrum</i> Bl.	2221	<i>Vitis macrostachya</i> Miq.	2467
<i>Urophyllum griffithianum</i> Wt.	2222	<i>Vitis mollissima</i> Wall.	2460
<i>Urophyllum hirsutum</i> Wt.	2223	<i>Vitis novemfolia</i> Wall.	2461
<i>Urophyllum streptopodium</i> Wall.	2226	<i>Vitis polythyrsa</i> Miq.	2458
<i>Utricularia affinis</i> var. <i>griffithii</i>	1366	<i>Vitis repens</i> W. & Arn.	2465
<i>Utricularia bifida</i> L.	1362	<i>Vitis</i> sp.	E
<i>Utricularia exoleta</i> Br.	1364	<i>Vitis trifolia</i> L.	2462
<i>Utricularia flexuosa</i> Vahl	1361	<i>Vittaria elongata</i> Sw.	181
<i>Utricularia racemosa</i> Wall.	1363	<i>Vittaria scolopendrina</i> Presl	181
<i>Uvaria dulcis</i> Dunal.	B	<i>Vrydagzynea albida</i> Bl.	1925

<i>Vrydagzynea lancifolia</i> Ridl.	1926	<i>Ziziphus oenoplia</i> Mill.	2060
<i>Vrydagzynea tristriata</i> Ridl.	1927	<i>Zornia diphylla</i> Pers.	1356
<i>Webera fragrans</i> Bl.	2202	<i>Zoysia pungens</i> Willd.	1114
<i>Webera grandifolia</i> Hook. f.	2204		
<i>Webera mollis</i> Wall.	2203		
<i>Webera</i> sp. (5961)	E		
<i>Webera</i> sp. (6147)	2205		
<i>Wedelia biflora</i> DC.	587		
<i>Wikstroemia indica</i>	C		
<i>Willughbeia coriacea</i> Wall.	368		
<i>Willughbeia firma</i> Bl.	368		
<i>Willughbeia flavescens</i> Dyer	365		
<i>Willughbeia grandiflora</i> Dyer	370		
<i>Willughbeia</i> sp. (6023)	367		
<i>Willughbeia tenuiflora</i> Hook. f.	371		
<i>Wolffia arhiza</i> Wimm.	1360		
<i>Wormia pulchella</i> Jack	744		
<i>Wormia scortechinii</i> King	742		
<i>Wormia</i> sp.	E		
<i>Wormia suffruticosa</i> Griff.	746		
<i>Wormia tomentella</i> Bl.	741		
<i>Xanthophyllum affine</i> Korth.	2032		
<i>Xanthophyllum ellipticum</i> Korth.	2034		
<i>Xanthophyllum kunstleri</i> King	2039		
<i>Xanthophyllum obscurum</i> Benn.	2037		
<i>Xanthophyllum palembanicum</i> Miq.	2032		
<i>Xerospermum muricatum</i> Radlk.	2264		
<i>Xerospermum wallichii</i> King	2264		
<i>Ximenia americana</i> L.	1716		
<i>Xylia dolabriformis</i> Benth.	C		
<i>Xylopia caudata</i> Hk. f.	331a		
<i>Xylopia dicarpa</i> Hook. f.	335		
<i>Xylopia ferruginea</i> Hk. f.	332a		
<i>Xylopia magna</i> Maingay	334		
<i>Xylopia malayana</i> Hk. f.	335		
<i>Xylopia oxyantha</i> Hk. f.	332b		
<i>Xylopia ridleyi</i> King	275		
<i>Xyris anceps</i> Lam.	2474		
<i>Xyris schoenoides</i> Mart.	2475		
<i>Zalacca conferta</i> Griff.	1961		
<i>Zalacca wallichiana</i> Mart.	B		
<i>Zanthoxylum ovalifolium</i> Wight	B		
<i>Zingiber gracile</i> Jack	B		
<i>Zingiber griffithii</i> Bak.	2502		
<i>Zingiber puberula</i> Ridl.	2503		
<i>Zingiber zerumbet</i> Sm.	2504		
<i>Ziziphus calophylla</i> Wall.	2057		
<i>Ziziphus elegans</i> Wall.	2058		
<i>Ziziphus horsfieldi</i> Miq.	2059		

APPENDIX B:

Species included by Ridley (1900) in the Flora of Singapore for which I have been unable to find any evidence of their occurrence in the wild within the Republic. The majority probably represent misapplied names rather than poorly localised collections. The name in bold type is that considered correct. This is preceded by the name used by Ridley, where it is different from the correct name. The number in square brackets represents the page number on which the species is found in Ridley (1900). A question mark indicates doubt concerning the species to which Ridley referred.

Acacia pennata Will. [76] = **Acacia pennata** (L.) Willd., Leguminosae.

Adinandra maculosa T. Anders. [48] = **Adinandra maculosa** T. Anders. ex Dyer, Theaceae.

Aganosma marginata Don [111] = **Aganosma marginata** (Roxb.) G. Don, Apocynaceae.

Agathis loranthifolia Salisb. [151] = **Agathis borneensis** Warb., Araucariaceae.

Albizia lucida Benth. [76] = **Albizia lucidior** (Steud.) Nielsen, Leguminosae.

Alsodeia kunstleriana King [44] = **Rinorea horneri** (Korth.) Kuntze, Violaceae.

Alsodeia membranacea King [44] = **Rinorea macrophylla** (Decne.) Kuntze, Violaceae.

Antrophyum plantagineum Kaulf. [194] = **Antrophyum plantagineum** Kaulf., Pteridophyta.

Antrophyum reticulatum Kaulf. [194], Pteridophyta.

Aporusa ficifolia Baill. [137] = **Aporusa pseudo-ficifolia** P. & H., Euphorbiaceae.

Aporusa stellifera Hook. f. [137] = **Aporusa stellifera** Hook. f., Euphorbiaceae.

Ardisia humilis Vahl [105], Myrsinaceae.

Artanema angustifolium Benth. [118], Scrophulariaceae.

Artocarpus peduncularis King [147] = **Artocarpus teysmannii** Miq., Moraceae.

Aspidium cicutorium Sw. [191] = **Tectaria coadunata** (J. Sm.) C. Chr., Pteridophyta.

Aspidium semibipinnatum Wall. [191] = **Tectaria semibipinnatum** (Wall. ex Hook.) Copel., Pteridophyta.

Aspidium vastum Bl. [191] = **Tectaria vasta** (Bl.) Copel., Pteridophyta.

Aspidium zollingerianum Kze. [191] = **Tectaria brachiata** (Zoll. & Mor.) Morton, Pteridophyta.

Asplenium falcatum Lam. [191], Pteridophyta.

Asplenium squamulatum Bl. [190], Pteridophyta.

Barringtonia pendulum Miers [83] = ? **Barringtonia pendula** (Griff.) Kurz, Lecythidaceae.

Calophyllum canum Hook. f. [47], Guttiferae.

Cassia siamea Lam. [74] = **Senna siamea** (Lam.) Irwin & Barneby, Leguminosae.

Celastrus championii Benth. [63] = **Celastrus monospermoides** Loes., Celastraceae.

Cephaelis griffithii Hook. f. [99], Rubiaceae.

Ceratolobus kingianus BECC. [176],
Palmae.

Clerodendron paniculatum L. [124] =
Clerodendrum paniculatum L.,
Verbenaceae.

Coelodepas ferrugineum Hook. f. [141] =
Koilodepas ferrugineum HOOK. f.,
Euphorbiaceae.

Combretum trifoliatum VENT. [80],
Combretaceae.

Croton longifolium Roxb. [140] = **Croton**
oblongifolius ROXB., Euphorbiaceae.

Derris malaccensis PRAIN [72],
Leguminosae.

Derris oblonga Benth. (6086) [72] = **Derris**
canarensis (DALZ.) BAKER, Leguminosae.

Diplazium pallidum Bl. [191] = **Diplazium**
pallidum (BL.) MOORE, Pteridophyta.

Diplazium speciosum METT. [191],
Pteridophyta.

Dipterocarpus hasseltii Bl. [49],
Dipterocarpaceae.

Dracontomelum mangiferum Bl. [68] =
Dracontomelum dao (BLANCO) MERR. &
ROLFE, Anacardiaceae.

Drynaria splendens Hook. [193] =
Aglaomorpha splendens (J.SM.) COPEL.,
Pteridophyta.

Elaeocarpus apiculatus MAST. [55],
Elaocarpaceae.

Elaphoglossum latifolium Sw. [194] =
Elaphoglossum angulatum (BL.) MOORE,
Pteridophyta.

Eranthemum album Nees [121] =
Pseuderanthemum graciliflorum (NEES)
RIDL., Acanthaceae.

Erycibe coriacea Wall. [116] = **Erycibe**
coriacea WALL. ex CHOISY,
Convolvulaceae.

Eugenia anisosepala DUTHIE [83],
Myrtaceae.

Eugenia bracteolata [82] = **Eugenia**
fastigiata (BL.) K. & V., Myrtaceae.

Eugenia laevicaulis DUTHIE [82],
Myrtaceae.

Eugenia leptantha Wight [82] = **Eugenia**
claviflora var. **leptalea** (CRAIB) HEND.,
Myrtaceae.

Eugenia thumra Roxb. [82] = **Eugenia**
thumra ROXB. var. **penangiana** KING,
Myrtaceae.

Eurycles sylvestris Salisb. [167] = **Proiphys**
amboinensis (L.) HERB., Amaryllidaceae.

Evodia pedunculosa Hook. f. [56] =
Tetractomia tetrandum (ROXB.) MERR.,
Rutaceae.

Ficus acamptophylla MIQ. [145],
Moraceae.

Ficus altissima Bl. [145], Moraceae.

Ficus obtusifolia [145] = ? **Ficus curtipes**
CORNER, Moraceae.

Ficus punctata THUNB. [146], Moraceae.

Ficus ribes Reinw. [146] = **Ficus ribes**
REINW. ex BL., Moraceae.

Ficus sumatrana [145] = **Ficus sumatrana**
MIQ., Moraceae.

Flacourtia inermis CLARKE [44],
Flacourtiaceae.

Freycinetia gaudichaudii BENN. [172],
Pandanaeae.

Galeola altissima (BL.) RCHB. f. [163],
Orchidaceae.

Garcina cuspidata KING [46], Guttiferae.

Geunsia farinosa Bl. [122] = **Geunsia**
pentandra (ROXB.) MERR., Verbenaceae.

Glochidion coronatum Hook. f. [136] = **Glochidion penangense** (M.A.) AIRY SHAW, Euphorbiaceae.

Glochidion insulare HOOK. f. [136], Euphorbiaceae.

Glycosmis pentaphylla Corr. [56] = **Glycosmis pentaphylla** (RETZ.) CORR., Rutaceae.

Grewia fibrocarpa MAST. [54], Tiliaceae.

Guioa squamosa RADLK. [66], Sapindaceae.

Gymnopteris presliana HOOK. [194], Pteridophyta.

Hedyotis vestita R. Br. [92] = **Hedyotis vestita** R. BR. ex G. DON, Rubiaceae.

Heritiera fomes BUCH.-HAM. [53], Sterculiaceae.

Homalomena singaporensis REGEL [178], Araceae.

Hopea micrantha HOOK. f. [50], Dipterocarpaceae.

Hopea pierrei HANCE [50], Dipterocarpaceae.

Humata sessilifolia Bl. [189] = **Humata sessilifolia** (BL.) METT., Pteridophyta.

Lastrea crassifolia Bl. [191] = **Mesophlebion crassifolium** (BL.) HOLTT., Pteridophyta.

Lecanopteris carnosa Bl. [188] = **Lecanopteris carnosa** (REINW.) BL., Pteridophyta.

Limnophila conferta Benth. [118] = **Limnophila repens** (BENTH.) BENTH., Scrophulariaceae.

Lindsaea rigida SM. [189], Pteridophyta.

Litsea panamonja Ham. [131] = **Litsea panamanja** (NEES) HOOK. f., Lauraceae.

Litsea penangiana HOOK. f. [131], Lauraceae.

Litsea polyantha Juss. [132] = **Litsea monopetala** (ROXB.) PERS., Lauraceae.

Lophopetalum curtisii King [62] = **Lophopetalum pallidum** LAWS., Celastraceae.

Lophopetalum fuscescens Kurz. [62] = **Lophopetalum javanicum** (ZOLL.) TURCZ., Celastraceae.

Machilus rimosus Bl. [131] = **Persea rimosa** (BL.) KOSTERM., Lauraceae.

Masea indica L. [103], Myrsinaceae.

Melodinus orientalis BL. [109], Apocynaceae.

Memecylon pauciflorum BL. [86], Melastomataceae.

Micromelum hirsutum OLIVER [56], Rutaceae.

Morinda tinctoria Roxb. [97] = **Morinda tomentosa** ROTH, Rubiaceae.

Mucuna biplicata Teysm. [71] = **Mucuna biplicata** T. & B. ex KURZ, Leguminosae.

Myristica brachiata King [129] = **Horsfieldia brachiata** (KING) WARB., Myristicaceae.

Myristica oblongifolia King [129] = **Knema oblongifolia** (KING) WARB., Myristicaceae.

Nepenthes reinwardtii Miq. [126] = **Nepenthes reinwardtiana** MIQ., Nepenthaceae.

Nephelium glabrum Noronha [66] = **Nephelium maingayi** HIERN, Sapindaceae.

Nephrodium pennigerum Bl. [192] = **Sphaerostephanos penniger** (HOOK.) HOLTT., Pteridophyta.

Niphobolus penangianus Hook. [193] = **Pyrosia penangiana** (HOOK.) HOLTT., Pteridophyta.

Oxymitra affinis King [40] = **Oxymitra affinis** HOOK. f. & THOMS., Annonaceae.

Paramignya grandiflora Oliv. [57] = **Paramignya grandiflora** WALL. ex OLIV., Rutaceae.

Phaeanthus lucidus Oliver [41] = **Phaeanthus crassipetalus** BECC., Annonaceae.

Phyllanthus maderaspatensis L. [135], Euphorbiaceae.

Phytocrene oblonga WALL. [61], Icacinaceae.

Pinanga coronata Bl. [172] = **Pinanga coronata** (BL. ex MART.) BL., Palmae.

Pinangaparadoxa Scheff. [173] = **Pinanga paradoxa** (GRIFF.) SCHEFF., Palmae.

Pithecellobium bubalinum Benth. [77] = **Archidendron bubalinum** (JACK) NIELSEN, Leguminosae.

Pleocnemia gigantea Bl. [191] = **Tectaria trimeni** (BEDD.) C. CHR., Pteridophyta.

Pleopeltis stenophylla Bl. [193] = **Crypsinus stenophyllus** (BL.) HOLTT., Pteridophyta.

Podocarpus neglectus Bl. [151] = **Podocarpus neriifolius** D. DON, Podocarpaceae.

Podocarpus neriifolius D. DON [151], Podocarpaceae.

Polygonum flaccidum MEISSN. [126], Polygonaceae.

Polygonum pedunculare WALL. [126], Polygonaceae.

Polyosma fragrans BENN. [78], Saxifragaceae.

Polypodium streptophyllum Bak. [192] = **Acrosorus streptophyllus** (BAK.) COPEL., Pteridophyta.

Premna cordifolia ROXB. [123], Verbenaceae.

Prosaptia contigua Sw. [189] = **Ctenopteris contigua** (G. FORST.) HOLTT., Pteridophyta.

Psychotria montana var. *tabacifolia* Wall. [98] = ? **Psychotria montana** BL., Rubiaceae.

Psychotria morindaeflora Wall. [98] = **Psychotria morindaeflora** WALL. ex KING, Rubiaceae.

Pyrenaria kunstleri KING [49], Theaceae.

Quercus oidocarpa Korth. [149] = **Quercus gaharuensis** SOEPADMO, Fagaceae.

Randia fasciculata DC. [94] = **Fagerlindia fasciculata** (ROXB.) TIRVENG., Rubiaceae.

Rhaphidophora gracilipes HOOK. f. [179], Araceae.

Salomonina aphylla Griff. [45] = **Epirixanthes elongata** BL., Polygalaceae.

Salomonina oblongifolia Dec. [45] = **Salomonina ciliata** (L.) DC., Polygalaceae.

Seliguea membranacea Hook. [194] = **Colysis membranacea** (BL.) PRESL, Pteridophyta.

Sesbania paludosa Roxb. [71] = **Sesbania roxburghii** MERR., Leguminosae.

Solanum aculeatissimum Jacq. [117] = **Solanum capsicoides** ALL., Solanaceae.

Sonerila heterophylla Herb. [84] = **Sonerila heterophylla** JACK, Melastomataceae.

Stemona tuberosa LOUR., [168], Stemonaceae.

Stephania hernandifolia Wall. [42] =
Stephania japonica (THUNB.) MIERES,
Menispermaceae.

Streblus asper Lour. [143], Moraceae.

Symplocos spicata Roxb. [107] =
Symplocos cochinchinensis (LOUR.) S.
MOORE ssp. **laurina** (RETZ.) NOOTE.,
Symplocaceae.

Tinospora cordifolia Miers [42] =
Tinospora cordifolia (WILLD.) HOOK. f. &
THOMS., Menispermaceae.

Trichomanes digitatum Sw. [188],
Pteridophyta.

Trichomanes maximum BL. [188],
Pteridophyta.

Uncaria ferrea DC. [91] = **Uncaria lanosa**
WALL. var. **ferrea** (BL.) RIDSD., Rubiaceae.

Uncaria ovata Hook. f. [91] = **Uncaria**
canescens KORTH., Rubiaceae.

Unona longiflora Roxb. [39] = **Desmos**
filipes (RIDL.) RIDL., Annonaceae.

Unona stenopetala [40] = **Polyalthia**
stenopetala (HOOK. f. & THOMS.) RIDL.,
Annonaceae.

Uvaria dulcis Dunal. [38] = **Uvaria javana**
DUNAL, Annonaceae.

Ventilago madraspatana GAERTN. [63],
Rhamnaceae.

Vitis japonica Thunb. [65] = **Cayratia**
japonica (THUNB.) GAGNEP., Vitaceae.

Zalacca wallichiana Mart. [176] = **Salacca**
rumphii WALL., Palmae.

Zanthoxylum ovalifolium WIGHT [56],
Rutaceae.

Zingiber gracile JACK [165],
Zingiberaceae.

APPENDIX C:

Species excluded by Ridley in his flora of Singapore (1900). Ridley corrected a number of earlier reports. The name in bold type is that considered correct. This is preceded by the name used by Ridley, where it is different from the correct name. The number in square brackets represents the page number on which the species is found in Ridley (1900). A question mark indicates doubt concerning the species to which Ridley referred.

Adhatoda vasica Nees [122] = **Justicia adhatoda** L., Acanthaceae.

Alocasia longiloba MIQ. [177], Araceae.

Ardisia odontophylla var. *lobbii* [105] = **Ardisia odontophylla** WALL. ex A. DC. var. *lobbii* CLARKE, Myrsinaceae.

Argostemma elatostemma HOOK. [92], Rubiaceae.

Argostemma parvifolium Benn. [92] = **Argostemma hookeri** KING, Rubiaceae.

Argostemma spinulosum CLARKE [92], Rubiaceae.

Calamus diffusus Becc. [175] = **Calamus oxleyanus** T. & B., Palmae.

Calycopteris floribunda Lam. [79] = **Calycopteris floribunda** (ROXB.) LAM., Combretaceae.

Cleistanthus nitidus HOOK. f. [135], Euphorbiaceae.

Clerodendron colebrookianum Walp. [124] = **Clerodendrum colebrookianum** WALP., Verbenaceae.

Clerodendron infortunatum Gaertn. [124] = **Clerodendrum infortunatum** L., Verbenaceae.

Clerodendron ixoraeflorum Hassk. [124] = ? **Clerodendrum colebrookianum** WALP., Verbenaceae.

Conocephalus scortechinii King [148] = **Poikilospermum scortechinii** (KING *apud* HOOK. f.) MERR., Urticaceae.

Conocephalus subtrinervius Miq. [148] = **Poikilospermum microstachys** (BARG.-PETR.) MERR., Urticaceae.

Cyrtandra pilosa BL. [120], Gesneriaceae.

Cyrtandromoea acuminata Benth. [120] = ? **Cyrtandromoea subsessilis** (MIQ.) B.L. BURTT, Scrophulariaceae.

Dacrydium elatum Wall. [150] = **Dacrydium elatum** (ROXB.) WALL. ex HOOK., Podocarpaceae.

Dendrobium junceum LINDL. [155], Orchidaceae.

Dimorphocalyx capillipes Hook.f. [140] = **Trigonostemon capillipes** (HOOK.f.) AIRY SHAW, Euphorbiaceae.

Elatostema molle Wedd. [148] = ?

Eugenia helferi DUTHIE [81], Myrtaceae.

Gardenia speciosa Hook. [95] = **Gardenia tubifera** WALL., Rubiaceae.

Iguanura wallichiana Hook.f. [173] = **Iguanura wallichiana** (WALL. ex MART.) HOOK. f., Palmae.

Leptadenia reticulata WIGHT [114], Asclepiadaceae.

Licuala acutifida MART. [174], Palmae.

Mallotus barbatus M.A. [141],
Euphorbiaceae.

Mallotus philippinensis Muell. [141] =
Mallotus philippinensis (LAM.) M.A.,
Euphorbiaceae.

Melastoma decemfidum Jack [84] =
Melastoma sanguineum SIMS,
Melastomataceae.

Melastoma molle WALL. [83],
Melastomataceae.

Nepenthes albomarginata LOBB [126],
Nepenthaceae.

Ostodes muricata var. minor [140] =
Dimorphocalyx muricatus (HOOK.f.) AIRY
SHAW var. **minor** (HOOK. f.) AIRY SHAW,
Euphorbiaceae.

Pellionia javanica Wedd. [148] =
Elatostema latifolium (BL.) H. SCHR.T.,
Urticaceae.

Phyllanthus coriaceus Wall. [135] =
Phyllanthus pachyphyllus M.A.,
Euphorbiaceae.

Pinanga polymorpha BECC. [173], Palmae.

Platyserium grande Sm. [194] =
Platyserium grande J. SM. ex HOOK.,
Pteridophyta.

Polypodium adpersum Bl. [192] =
Grammitis adpersa (BL.) BL.,
Pteridophyta.

Polypodium setigerum Bl. [192] = ?

Pupalia atropurpurea Miq. [126] = **Pupalia**
lappacea (L.) JUSS., Amaranthaceae.

Solanum biflorum Lour. [117] = ?

Stelechocarpus burahol Hook.f. [38] =
Stelechocarpus burahol (BL.) HOOK.f. &
THOMS., Annonaceae.

Streptocaulon wallichii WIGHT [111],
Asclepiadaceae.

Wikstroemia indica [133] = **Wikstroemia**
indica (L.) C.A. MEY., Thymelaeaceae.

Xylia dolabriformis Benth. [76] = **Xylia**
xylocarpa (ROXB.) THEOB., Leguminosae.

APPENDIX D:

Species Ridley (1900) gives as only cultivated in Singapore, or as occasional escapes from cultivation. The name in bold type is that considered correct. This is preceded by the name used by Ridley, where it is different from the correct name. The number in square brackets represents the page number on which the species is found in Ridley (1900). A question mark indicates doubt concerning the species to which Ridley referred.

Acorus calamus L. [179], Araceae.

Albizzia lebbek Benth. [76] = **Albizia lebbeck** (L.) BENTH., Leguminosae.

Albizzia odoratissima Benth. [76] = **Albizia odoratissima** (L.f.) BENTH., Leguminosae.

Aleurites moluccana Willd. [139] = **Aleurites moluccana** (L.) WILLD., Euphorbiaceae.

Allamanda schottii Pohl [110] = ?

Alocasia cucullata Schott [177] = **Alocasia cucullata** (LOUR.) G. DON, Araceae.

Amaranthus caudatus L. [125], Amaranthaceae.

Amaranthus paniculatus L. [125] = **Amaranthus hybridus** L. ssp. **cruentus** (L.) THELL. var. **paniculatus** (L.) THELL., Amaranthaceae.

Amaranthus viridis L. [125] = **Amaranthus gracilis** DESF., Amaranthaceae.

Areca catechu L. [172], Palmae.

Arenga saccharifera Labill. [174] = **Arenga pinnata** (WURMB) MERR., Palmae.

Artemisia vulgaris L. [102], Compositae.

Borassus flabellifer L. [176], Palmae.

Calotropis procera R.Br. [111] = **Calotropis procera** (AIT.) R. BR., Asclepiadaceae.

Canna indica L. [166], Cannaceae.

Canna warcewiczii [166] = **Canna indica** L., Cannaceae.

Capsicum frutescens L. [117], Solanaceae.

Capsicum grossum Willd. [117] = **Capsicum annuum** L., Solanaceae.

Capsicum minimum [117] = ?

Clerodendron fallax Lindl. [124] = **Clerodendrum speciosissimum** VAN GEERT ex MORREN = **Clerodendrum buchananii** (ROXB.) WALP. var. **fallax** (LINDL.) BAKH., Verbenaceae.

Clerodendron fragrans Vent. [124] = **Clerodendrum philippinum** SCHAUER = **Clerodendrum chinense** (OSBECK) MABBERLEY, Verbenaceae.

Clerodendron siphonanthus R.Br. [124] = **Clerodendrum indicum** (L.) KUNTZE, Verbenaceae.

Clerodendron squamatum Vahl [124] = **Clerodendrum kaempferi** (JACQ.) SIEB. ex STEUD., Verbenaceae.

Corchorus capsularis L. [54], Tiliaceae.

Cosmos bipinnatus [102] = **Cosmos bipinatus** L., Compositae.

Curcuma zedoaria Rosc. [165] = **Curcuma zedoaria** (CHRISTM.) ROSCOE, Zingiberaceae.

Cynometra cauliflora L. [75], Leguminosae.

Datura fastuosa L. [117] = **Datura metel** L., Solanaceae.

Dioscorea alata L. [168], Dioscoreaceae.

Eranthemum andersoni Masters [121] = **Pseuderanthemum graciliflorum** (NEES) RIDL., Acanthaceae.

Eugenia jambolana Lam. [83] = **Eugenia cumini** (L.) DRUCE, Myrtaceae.

Euphorbia tirucalli L. [134], Euphorbiaceae.

Flacourtia catophracta Roxb. [44] = **Flacourtia jangomas** (LOUR.) RAEUSCH., Flacourtiaceae.

Geunsiareevesii Wall. [122] = ? **Callicarpa nudiflora** HOOK. & ARN., Verbenaceae.

Homolanthus populifolius Grah. [142] = **Homolanthus populneus** (GEISEL.) PAX, Euphorbiaceae.

Ipomoea batatas L. [117] = **Ipomoea batatas** (L.) LAM., Convolvulaceae.

Ipomoea coccinea [117] = **Ipomoea hederifolia** L., Convolvulaceae.

Ipomoea quamoclit L. [117], Convolvulaceae.

Justicia gendarussa L. [122] = **Gendarussa vulgaris** NEES, Acanthaceae.

Metroxylon rumphii Mart. [176] = **Metroxylon sagu** ROTTB., Palmae.

Metroxylon sagu Rottb. [176] = **Metroxylon sagu** ROTTB., Palmae.

Myristica pendulina Hook. [130] = **Horsfieldia sylvestris** (HOUTT.) WARB., Myristicaceae.

Pandanus laevis Rumph [171] = **Pandanus tectorius** PARKINSON ex "Z" var. **laevis** WARB., Pandanaceae.

Passiflora quadrangularis L. [87], Passifloraceae.

Pentapetes phoenicea L. [53], Sterculiaceae.

Phyllanthus distichus Muell. [136] = **Phyllanthus acidus** (L.) SKEELS, Euphorbiaceae.

Phyllanthus pulcher Wall. [135] = **Phyllanthus pulcher** WALL. ex M.A., Euphorbiaceae.

Raphistemma pulchellum Wall. [112] = **Raphistemma pulchellum** (ROXB.) WALL., Asclepiadaceae.

Solanum melongena L. [117], Solanaceae.

Tabernaemontana coronaria Roxb. [110] = **Tabernaemontana divaricata** (L.) R. BR. ex R. & S., Apocynaceae.

Tephrosia candida DC. [71] = **Tephrosia candida** (ROXB.) DC., Leguminosae.

APPENDIX E

Species given in Ridley (1900) that I have been unable to identify. Ridley was unable to name some collections from Singapore. These he referred to by collection numbers (usually numbers of four digits) or by brief descriptions. Abbreviated versions of these descriptions have been used for the unnamed species in the index. The number in square brackets represents the page number on which the species is found in Ridley (1900).

-
- | | |
|--|--|
| <i>Acanthospermum xanthoides</i> DC. [102] | <i>Memecylon</i> sp. (4436) [86] |
| <i>Adinandra</i> sp. (4004) "Mongol" [48] | <i>Modecca populifolia</i> Ham. [87] |
| <i>Alstonia grandifolia</i> Miq. doubtful [110] | <i>Morinda persicaefolia</i> Ham. [97] |
| <i>Amorphophallus</i> sp. [177] | <i>Morinda</i> sp. [97] |
| <i>Aquilaria</i> sp. [132] | <i>Mussaenda variabilis</i> Hemsl. [93] |
| <i>Ardisia</i> sp. (6434) [105] | <i>Myrsine capitellata</i> Wall. [104] |
| <i>Artocarpus</i> sp. "medium sized tree" small leaves small green fruits, Botanic Gardens' Jungle [148] | <i>Nephrodium latebrosus</i> Kze. [192] |
| <i>Baccaurea</i> sp. (6263), Botanic Gardens' Jungle [139] | <i>Nephrodium molle</i> Desv. var. <i>procurrens</i> [192] |
| <i>Blyxa malaccensis</i> Ridl. [152] | <i>Nephrolepis duffii</i> [192] |
| <i>Caesulia axillaris</i> Roxb. [101] | <i>Pandanus</i> sp. (stems slender) [172] |
| <i>Canthium</i> sp. (6506) [96] | <i>Pandanus</i> sp. near <i>P. helicopus</i> [172] |
| <i>Castanopsis hystrix</i> DC. [150] | <i>Pandanus</i> sp. "a tall plant" [172] |
| <i>Castanopsis</i> sp. like <i>hullettii</i> [150] | <i>Payena costata</i> King [106] |
| <i>Daemonorops accedens</i> Bl. [176] | <i>Phoebe sumatrana</i> Miq. (1811) [131] |
| <i>Daemonorops crinita</i> Bl. [176] | <i>Phoenix</i> sp. [174] |
| <i>Dendrobium kunstleri</i> Hook. f. [155] | <i>Pouzolzia pentandra</i> Benn. [148] |
| <i>Derris</i> sp. (6087) [72] | <i>Premna coriacea</i> Clarke [123] |
| <i>Diospyros sapotoides</i> Kurz [107] | <i>Premna flavescens</i> var. <i>rubens</i> [123] |
| <i>Dischidia wallichii</i> Wight [113] | <i>Psychotria</i> sp. "greenflowers" [98] |
| <i>Glochidion desmogyne</i> Hook. f. [136] | <i>Psychotria</i> sp. "grey-green fruits" [98] |
| <i>Heptapleurum ellipticum</i> Seem. [89] | <i>Randia angulosa</i> Wall. [94] |
| <i>Hymenophyllum</i> sp. (8938) [188] | <i>Salacia longiflora</i> Hook. buff flowers [63] |
| <i>Ixora amoena</i> Vahl [97] | <i>Saprosma</i> sp. [99] |
| <i>Ixora parviflora</i> Vahl [97] | <i>Sarcocephalus</i> sp. (6381) [90] |
| <i>Lasianthus crinitus</i> Hook. f. [99] | <i>Schizoloma media</i> R. Br. [190] |
| <i>Lastrea appendiculata</i> [191] | <i>Selaginella plumosa</i> Bak. [195] |
| <i>Lastrea fuscipes</i> Wall. [191] | <i>Selaginella</i> sp. (6547) [196] |
| <i>Lindera</i> sp. [132] | <i>Spermacoce ocymoides</i> Burm. [100] |
| <i>Lindsaya trapeziformis</i> Dry. [189] | <i>Torenia mucronulata</i> Benth. [118] |
| <i>Litsea longipes</i> Meissn. [131] | <i>Trichomanes filicula</i> Bory [188] |
| <i>Litsea nitida</i> Bl. [132] | <i>Trichomanes parviflorum</i> Poir. [188] |
| <i>Litsea salicifolia</i> Roxb. [132] | <i>Triumfetta pilosa</i> Roth. [54] |
| <i>Lycopodium taxifolium</i> Sw. [185] | <i>Vitis</i> sp. [65] |
| <i>Memecylon</i> sp. (3840) [86] | <i>Webera</i> sp. (5961) [94] |
| | <i>Wormia</i> sp. [37] |
-

APPENDIX F:

Index of the native and naturalized species included in the *Flora of Syonan*. Numbers refer to the taxa in the main text. The names appear, as in the original typescript, without authorities. The *Flora of Syonan* also included commonly cultivated species which have been omitted from Appendix F.

<i>Abacopteris menisciicarpa</i>	127	<i>Adinandra dumosa</i>	2370
<i>Abacopteris triphylla</i>	129	<i>Adinandra hullettii</i>	2371
<i>Abacopteris urophylla</i>	128	<i>Adinobotrys erianthus</i>	1320
<i>Abrus precatorius</i>	1247	<i>Aegiceras corniculatum</i>	1616
<i>Abutilon indicum</i>	1406	<i>Aeschynanthus parvifolia</i>	987
<i>Acacia auriculiformis</i>	1248	<i>Aeschynanthus purpurascens</i>	988
<i>Acacia pseudo-intsia</i>	1250	<i>Aeschynanthus radicans</i>	989
<i>Acalypha indica</i>	828	<i>Aeschynanthus wallichii</i>	990
<i>Acanthospermum brasiliun</i>	553	<i>Aeschynomene indica</i>	1254
<i>Achyranthes aspera</i>	234	<i>Agelaea hullettii</i>	592
<i>Acriopsis javanica</i>	1731	<i>Agelaea vestita</i>	591
<i>Acriopsis ridleyi</i>	1732	<i>Agelaea wallichii</i>	592
<i>Acroceras ridleyi</i>	997	<i>Ageratum conyzoides</i>	556
<i>Acroceras sparsum</i>	998	<i>Aglaia cordata</i>	1469
<i>Acronychia porteri</i>	2248	<i>Aglaia glabriflora</i>	1472
<i>Acrostichum aureum</i>	1	<i>Aglaia odoratissima</i>	1474
<i>Acrosticum speciosum</i>	2	<i>Aglaia oligophylla</i>	1475
<i>Actephila excelsa</i>	829	<i>Aglaia palembanica</i>	1476
<i>Actephila javanica</i>	829	<i>Aglaia trichostemon</i>	1482
<i>Actinodaphne glomerata</i>	1193	<i>Aglaonema angustifolium</i>	379
<i>Actinodaphne hullettii</i>	1195	<i>Aglaonema griffithii</i>	376
<i>Actinodaphne maingayi</i>	1194	<i>Aglaonema oblongifolium</i>	378
<i>Actinodaphne malaccensis</i>	1195	<i>Aglaonema pictum</i>	377
<i>Actinodaphne pruinosa</i>	1196	<i>Aglaonema schottianum</i>	379
<i>Adenanthera bicolor</i>	1251	<i>Agrostistachys gaudichaudii</i>	830
<i>Adenanthera pavonina</i>	1252	<i>Agrostistachys sessilifolia</i>	831
<i>Adenia singaporeana</i>	2002	<i>Agrostophyllum bicuspidatum</i>	1734
<i>Adenoncos sumatrana</i>	1733	<i>Agrostophyllum majus</i>	1735
<i>Adenosacme malayana</i>	2164	<i>Agyneia bacciformis</i>	951
<i>Adenosma caeruleum</i>	2292	<i>Alangium lamarckii</i>	233
<i>Adenosma capitatum</i>	2291	<i>Alangium nobile</i>	231
<i>Adenosma inopinatum</i>	2292	<i>Alangium ridleyi</i>	232
<i>Adenosma ovatum</i>	2293	<i>Alangium tutela</i>	228b
<i>Adenostemma viscosum</i>	555	<i>Albizia falcata</i>	1333
<i>Adiantum capillus-veneris</i>	3	<i>Albizia littoralis</i>	1256
<i>Adiantum hispidulum</i>	6	<i>Albizia pedicellata</i>	1255
<i>Adiantum stenochlamys</i>	8	<i>Alchornea javensis</i>	832
<i>Adina rubescens</i>	2179	<i>Alchornea villosa</i>	833
<i>Adinandra acuminata</i>	2369	<i>Allmania nodiflora</i>	235

<i>Allophyllus cobbe</i>	2246	<i>Aphanamixis rohituka</i>	1483
<i>Alloteropsis cimicina</i>	999	<i>Aphyllorchis pallida</i>	1737
<i>Alocasia denudata</i>	380	<i>Aporusa benthamiana</i>	838
<i>Alocasia macrorhiza</i>	381	<i>Aporusa bracteosa</i>	839
<i>Alpinia conchigera</i>	2482	<i>Aporusa confusa</i>	840
<i>Alpinia galanga</i>	2483	<i>Aporusa falcifera</i>	841
<i>Alpinia melanocarpa</i>	2481	<i>Aporusa frutescens</i>	842
<i>Alpinia mutica</i>	2484	<i>Aporusa lunata</i>	843
<i>Alpinia rafflesiana</i>	2485	<i>Aporusa maingayi</i>	844
<i>Alseodaphne bancana</i>	1197	<i>Aporusa nervosa</i>	845
<i>Alstonia angustifolia</i>	336	<i>Aporusa nigricans</i>	846
<i>Alstonia angustiloba</i>	337	<i>Aporusa prainiana</i>	847
<i>Alstonia spathulata</i>	338	<i>Aporusa symplocoides</i>	848
<i>Alternanthera sessilis</i>	238	<i>Apostasia nuda</i>	1738
<i>Alysicarpus nummularifolius</i>	1258	<i>Appendicula anceps</i>	1739
<i>Alysicarpus vaginalis</i>	1258	<i>Appendicula cornuta</i>	1740
<i>Alyxia lucida</i>	340a	<i>Appendicula lucida</i>	1741
<i>Amaranthus spinosus</i>	240	<i>Aquilaria hirta</i>	2380
<i>Ambullia sessiliflora</i>	2299	<i>Aquilaria malaccensis</i>	2381
<i>Amomum hastilabium</i>	2486	<i>Arachnis hookeriana</i>	1743
<i>Amomum xanthophlebium</i>	2487	<i>Arachnis maingayi</i>	1744
<i>Amoora cucullata</i>	1470	<i>Archytaea vahlii</i>	468
<i>Amoora rubescens</i>	1478	<i>Ardisia colorata</i>	1617
<i>Amoora rubiginosa</i>	1479	<i>Ardisia crassa</i>	1618
<i>Amorphophallus prainii</i>	382	<i>Ardisia elliptica</i>	1620
<i>Amylothea duthieana</i>	1381	<i>Ardisia lanceolata</i>	1621
<i>Anacardium occidentale</i>	244	<i>Ardisia ridleyi</i>	1623
<i>Anadendrum montanum</i>	384	<i>Ardisia singaporensis</i>	1625
<i>Anaxagorea javanica</i>	268a	<i>Ardisia teysmanniana</i>	1626
<i>Ancistrocladus pinangianus</i>	2266	<i>Ardisia tuberculata</i>	1627
<i>Aneilema nudiflorum</i>	550	<i>Ardisia villosa</i>	1628
<i>Aneilema vaginata</i>	551	<i>Aristolochia unguiflora</i>	419
<i>Angelesia nitida</i>	531	<i>Aromadendron elegans</i>	1399
<i>Angiopteris evecta</i>	12	<i>Artabotrys costatus</i>	269
<i>Anisomeles ovata</i>	1180	<i>Artabotrys crassifolius</i>	270
<i>Anisophyllea disticha</i>	2061	<i>Artabotrys maingayi</i>	271
<i>Anisophyllea griffithii</i>	2062	<i>Artabotrys suaveolens</i>	272
<i>Anisoptera costata</i>	762	<i>Artabotrys wrayi</i>	273
<i>Anisoptera laevis</i>	763	<i>Arthrophyllum diversifolium</i>	411
<i>Anisoptera megistocarpa</i>	764	<i>Artocarpus bracteatus</i>	1578
<i>Anodendron candolleianum</i>	340	<i>Artocarpus dadah</i>	1520
<i>Anoectochilus geniculatus</i>	1736	<i>Artocarpus elasticus</i>	1521
<i>Anplectrum glaucum</i>	1420	<i>Artocarpus forbesii</i>	579
<i>Anplectrum pallens</i>	1422	<i>Artocarpus gomezianus</i>	1529
<i>Antiaris toxicaria</i>	1518	<i>Artocarpus kemando</i>	1526
<i>Antidesma alatum</i>	836	<i>Artocarpus lanceifolius</i>	1526
<i>Antidesma coriaceum</i>	834	<i>Artocarpus lowii</i>	1527
<i>Antidesma cuspidatum</i>	835	<i>Artocarpus maingayi</i>	1528
<i>Antidesma velutinsum</i>	837	<i>Artocarpus rigidus</i>	1530

<i>Artocarpus scortechinii</i>	1531	<i>Barringtonia racemosa</i>	1240
<i>Artocarpus superbus</i>	1519	<i>Barringtonia sumatrana</i>	1241
<i>Arundina graminifolia</i>	1745	<i>Bauhinia semibifida</i>	1265
<i>Arytera littoralis</i>	2247	<i>Beilschmiedia kunstleri</i>	1200
<i>Asclepias curassavica</i>	422	<i>Beilschmiedia malaccensis</i>	1201
<i>Aspidopterys concava</i>	1402	<i>Bidens pilosa</i>	557
<i>Asplenium batuense</i>	14	<i>Blechnum finlaysonianum</i>	22
<i>Asplenium glaucophyllum</i>	18	<i>Blechnum indicum</i>	23
<i>Asplenium longissimum</i>	15	<i>Blechnum orientale</i>	24
<i>Asplenium macrophyllum</i>	16	<i>Blumea balsamifera</i>	558
<i>Asplenium nidus</i>	17	<i>Blumea chinensis</i>	562
<i>Asplenium phyllitidis</i>	19	<i>Blumea lacera</i>	560
<i>Asplenium tenerum</i>	20	<i>Blumea membranacea</i>	561
<i>Asystasia coromandeliana</i>	115	<i>Blumeodendron elateriospermum</i>	865
<i>Asystasia intrusa</i>	196	<i>Blumeodendron tokbrai</i>	865
<i>Athyrium cordifolium</i>	45	<i>Blyxa malayana</i>	1151
<i>Athyrium crenatoserratum</i>	46	<i>Boehmeria nivea</i>	2411
<i>Athyrium esculentum</i>	47	<i>Boerhavia diffusa</i>	1702
<i>Athyrium malaccense</i>	48	<i>Bolbitis diversifolia</i>	28
<i>Athyrium pinnatum</i>	52	<i>Bolbitis heteroclita</i>	27
<i>Athyrium prescottianum</i>	50	<i>Bonnaya brachiata</i>	2304
<i>Athyrium riparium</i>	51	<i>Bonnaya reptans</i>	2307
<i>Athyrium sorzogonense</i>	53	<i>Bonnaya veronicaefolia</i>	2302
<i>Athyrium tomentosum</i>	54	<i>Borreria hispida</i>	2084
<i>Avicennia alba</i>	451	<i>Borreria laevicaulis</i>	2085
<i>Avicennia lanata</i>	454	<i>Borreria latifolia</i>	2083
<i>Avicennia officinalis</i>	453	<i>Borreria setidens</i>	2088
<i>Axonopus compressus</i>	1001	<i>Bouea macrophylla</i>	245
<i>Azolla pinnata</i>	21	<i>Bouea microphylla</i>	246
<i>Baccaurea bracteata</i>	850	<i>Brachiaria distachya</i>	1006
<i>Baccaurea griffithii</i>	851	<i>Brachiaria mutica</i>	1007
<i>Baccaurea hookeri</i>	852	<i>Breynia coronata</i>	866
<i>Baccaurea kingii</i>	864	<i>Breynia discigera</i>	867
<i>Baccaurea kunstleri</i>	853	<i>Breynia reclinata</i>	868
<i>Baccaurea lanceolata</i>	854	<i>Breynia rhamnoides</i>	869
<i>Baccaurea macrophylla</i>	856	<i>Bridelia pustulata</i>	872
<i>Baccaurea maingayi</i>	857	<i>Bridelia stipularis</i>	873
<i>Baccaurea minor</i>	858	<i>Bridelia tomentosa</i>	874
<i>Baccaurea motleyana</i>	859	<i>Bromheadia alticola</i>	1747
<i>Baccaurea parviflora</i>	860	<i>Bromheadia aporoides</i>	1748
<i>Baccaurea pyriformis</i>	861	<i>Bromheadia finlaysoniana</i>	1749
<i>Baccaurea reticulata</i>	863	<i>Brownlowia argentata</i>	2386
<i>Baccaurea wallichii</i>	862	<i>Brownlowia lanceolata</i>	2387
<i>Bambusa vulgaris</i>	1004	<i>Brownlowia riedelii</i>	2386
<i>Barathranthus ascanthus</i>	1382	<i>Brucea amarissima</i>	2316
<i>Barclaya motleyi</i>	1703	<i>Bruguiera caryophylloides</i>	2063
<i>Barringtonia asiatica</i>	1237	<i>Bruguiera eriopetala</i>	2066
<i>Barringtonia conoidea</i>	1238	<i>Bruguiera gymnorrhiza</i>	2064
<i>Barringtonia macrostachya</i>	1239	<i>Bruguiera parviflora</i>	2065

<i>Bryophyllum calycinum</i>	634	<i>Calanthe pulchra</i>	1780
<i>Buchanania lucida</i>	247	<i>Callicarpa longifolia</i>	2420
<i>Buchanania sessilifolia</i>	248	<i>Calophanoides quadrifaria</i>	195
<i>Bulbophyllum acuminatum</i>	1750	<i>Calophyllum ferrugineum</i>	1119
<i>Bulbophyllum adenopetalum</i>	1756	<i>Calophyllum floribundum</i>	1130
<i>Bulbophyllum apodum</i>	1751	<i>Calophyllum foetidum</i>	1130
<i>Bulbophyllum blumei</i>	1752	<i>Calophyllum griffithii</i>	1132
<i>Bulbophyllum botryophorum</i>	1753	<i>Calophyllum inophylloide</i>	1131
<i>Bulbophyllum cleistogamum</i>	1754	<i>Calophyllum inophyllum</i>	1120
<i>Bulbophyllum concinnum</i>	1755	<i>Calophyllum macrocarpum</i>	1122
<i>Bulbophyllum corneri</i>	1779	<i>Calophyllum praineanum</i>	1130
<i>Bulbophyllum limbatum</i>	1757	<i>Calophyllum pulcherrimum</i>	1123
<i>Bulbophyllum macranthum</i>	1758	<i>Calophyllum retusum</i>	1119
<i>Bulbophyllum makoyanum</i>	1760	<i>Calophyllum spectabile</i>	1127
<i>Bulbophyllum medusae</i>	1761	<i>Calophyllum wallichianum</i>	1125
<i>Bulbophyllum membranaceum</i>	1762	<i>Camarotis adnata</i>	1781
<i>Bulbophyllum microbulbon</i>	1770	<i>Campnosperma auriculatum</i>	249
<i>Bulbophyllum patens</i>	1765	<i>Campnosperma minor</i>	251
<i>Bulbophyllum pileatum</i>	1766	<i>Canarium grandiflorum</i>	484
<i>Bulbophyllum pulchellum</i>	1767	<i>Canarium kadondon</i>	487
<i>Bulbophyllum purpurascens</i>	1768	<i>Canarium patentinervium</i>	483
<i>Bulbophyllum rugosum</i>	1771	<i>Canarium pilosum</i>	484
<i>Bulbophyllum sessile</i>	1772	<i>Canarium purpurascens</i>	482
<i>Bulbophyllum singaporeanum</i>	1773	<i>Canarium rufum</i>	482
<i>Bulbophyllum stella</i>	1759	<i>Canarium secundum</i>	482
<i>Bulbophyllum striatellum</i>	1774	<i>Canavalia obtusifolia</i>	1272
<i>Bulbophyllum tenuifolium</i>	1775	<i>Canavalia turgida</i>	1271
<i>Bulbophyllum trifolium</i>	1776	<i>Cansjera zyzyphifolia</i>	1728
<i>Bulbophyllum vaginatum</i>	1777	<i>Canthium confertum</i>	2091
<i>Bulbophyllum vermiculare</i>	1778	<i>Canthium didymum</i>	2195
<i>Bulbostylis barbata</i>	643	<i>Canthium glabrum</i>	2092
<i>Bulbostylis puberula</i>	644	<i>Canthium horridum</i>	2093
<i>Burmannia coelestis</i>	477	<i>Canthium molle</i>	2094
<i>Burmannia tuberosa</i>	476	<i>Capparis finlaysoniana</i>	450
<i>Byttneria maingayi</i>	2336	<i>Carallia lucida</i>	2067
<i>Caesalpinia bonduc</i>	1266	<i>Carallia scortechinii</i>	2067
<i>Caesalpinia bonducella</i>	1266	<i>Carapa granatum</i>	1502
<i>Caesalpinia nuga</i>	1267	<i>Carapa moluccensis</i>	1503
<i>Calamus aquatilis</i>	1937	<i>Cardiospermum halicacabum</i>	2248
<i>Calamus densiflorus</i>	1935	<i>Carex cryptostachys</i>	645
<i>Calamus diepenhorstii</i>	1936	<i>Caryota mitis</i>	1946
<i>Calamus insignis</i>	1938	<i>Casearia clarkei</i>	975
<i>Calamus javensis</i>	1939	<i>Casearia coriacea</i>	977
<i>Calamus laxiflorus</i>	1942	<i>Casearia lobbiana</i>	976
<i>Calamus lobbianus</i>	1941	<i>Cassia alata</i>	1339
<i>Calamus ornatus</i>	1943	<i>Cassia hirsuta</i>	1240
<i>Calamus oxleyanus</i>	1944	<i>Cassia mimosoides</i>	1276
<i>Calamus pallidulus</i>	1940	<i>Cassia obtusifolia</i>	1341
<i>Calamus ridleyanus</i>	1945	<i>Cassia occidentalis</i>	1342

<i>Cassia tora</i>	1343	<i>Cleome ciliata</i>	503
<i>Cassytha filiformis</i>	1202	<i>Cleome viscosa</i>	505
<i>Castanopsis andersonii</i>	959	<i>Clerodendrum inerme</i>	2423
<i>Castanopsis hullettii</i>	955	<i>Clerodendrum laevifolium</i>	2424
<i>Castanopsis inermis</i>	953	<i>Clerodendrum myrmecophilum</i>	2425
<i>Castanopsis malaccensis</i>	956	<i>Clerodendrum villosum</i>	2426
<i>Castanopsis megacarpa</i>	957	<i>Clidemia hirta</i>	1419
<i>Castanopsis nephelioides</i>	958	<i>Clitoria cajanifolia</i>	1277
<i>Castanopsis wallichii</i>	960	<i>Clitoria ternatea</i>	1278
<i>Casuarina equisetifolia</i>	508	<i>Cnestis ramiflora</i>	593
<i>Celosia argentea</i>	241	<i>Cocculus ovalifolius</i>	1505
<i>Centella asiatica</i>	2408	<i>Cocos nucifera</i>	1947
<i>Centella rotundifolia</i>	2409	<i>Coelodepas glanduligerum</i>	913
<i>Centipeda orbicularis</i>	563	<i>Coelogyne cumingii</i>	1785
<i>Centotheca lappacea</i>	1010	<i>Coelogyne foerstermanii</i>	1786
<i>Centranthera humifusa</i>	2295	<i>Coelogyne mayeriana</i>	1787
<i>Ceratopteris thalictroides</i>	29	<i>Coelogyne rochussennii</i>	1788
<i>Cerbera manghas</i>	343	<i>Coelogyne testacea</i>	1789
<i>Cerbera odollam</i>	344	<i>Coelorachis glandulosa</i>	1070
<i>Ceriops candolleana</i>	2068	<i>Coelospermum scandens</i>	2089
<i>Chamaeanthus laciniatus</i>	1746	<i>Coelostegia griffithii</i>	462
<i>Champereia manillana</i>	1729	<i>Coix lacryma-jobi</i>	1014
<i>Chassalia chartacea</i>	2095	<i>Coleus atropurpurea</i>	1191
<i>Chassalia pubescens</i>	2097	<i>Colocasia antiquorum</i>	385
<i>Cheilanthes tenuifolia</i>	30	<i>Colubrina asiatica</i>	2054
<i>Cheirorchis filiformis</i>	1790	<i>Combretum sundaicum</i>	536
<i>Chisocheton divergens</i>	1487	<i>Commelina attenuata</i>	545
<i>Chisocheton erythrocarpus</i>	1485	<i>Commelina beghalensis</i>	546
<i>Chisocheton macrophyllus</i>	1486	<i>Commelina nudiflora</i>	547
<i>Chisocheton pauciflorus</i>	1488	<i>Commersonia bartramia</i>	2337
<i>Chisocheton spicatus</i>	1489	<i>Connaropsis griffithii</i>	1933
<i>Chloranthus officinalis</i>	528	<i>Connaropsis macrophylla</i>	1934
<i>Chloris barbata</i>	1012	<i>Connarus ellipticus</i>	595
<i>Chrysophyllum roxburghii</i>	2264	<i>Connarus ferrugineus</i>	594
<i>Chrysopogon aciculatus</i>	1013	<i>Connarus grandis</i>	597
<i>Cinnamomum iners</i>	1203	<i>Connarus oligophyllus</i>	596
<i>Cinnamomum javanicum</i>	1204	<i>Connarus semidecandrus</i>	598
<i>Cinnamomum ridleyi</i>	1205	<i>Conocephalus amoenus</i>	2417
<i>Claderia viridiflora</i>	1782	<i>Conocephalus suaveolens</i>	2418
<i>Cladium glomeratum</i>	709	<i>Coptosapelta flavescens</i>	2100
<i>Claoxylon indicum</i>	876	<i>Coptosapelta griffithii</i>	2098
<i>Claoxylon longifolium</i>	877	<i>Coptosapelta parviflora</i>	2099
<i>Clausena excavata</i>	2229	<i>Corchorus acutangulus</i>	2388
<i>Cleistanthus heterophyllus</i>	882	<i>Cordia cylindristachya</i>	470
<i>Cleistanthus hirsutulus</i>	878	<i>Cordia obliqua</i>	471
<i>Cleistanthus macrophyllus</i>	879	<i>Corymbis veratrifolia</i>	1791
<i>Cleistanthus malaccensis</i>	880	<i>Coscinium wallichianum</i>	1506
<i>Cleistanthus myrianthus</i>	881	<i>Costus globosus</i>	2488
<i>Cleome aculeata</i>	501	<i>Costus lucanusianus</i>	2489

<i>Costus speciosus</i>	2490	<i>Cymbidium pubescens</i>	1793
<i>Cratoxylum arborescens</i>	1160	<i>Cynanchum ovalifolium</i>	423
<i>Cratoxylum formosum</i>	1162	<i>Cynodon dactylon</i>	1016
<i>Cratoxylum ligustrinum</i>	1161	<i>Cynometra ramiflora</i>	1286
<i>Crepis japonica</i>	590	<i>Cyperus diffusus</i>	656
<i>Crinum asiaticum</i>	243	<i>Cyperus distans</i>	655
<i>Crotalaria alata</i>	1279	<i>Cyperus haspan</i>	659
<i>Crotalaria quinquefolia</i>	1283	<i>Cyperus iria</i>	661
<i>Crotalaria retusa</i>	1284	<i>Cyperus malaccensis</i>	664
<i>Crotalaria saltiana</i>	1282	<i>Cyperus pilosus</i>	667
<i>Croton argyratus</i>	883	<i>Cyperus radians</i>	670
<i>Croton caudatus</i>	885	<i>Cyperus rotundifolius</i>	671
<i>Croton confusus</i>	888	<i>Cyperus stoloniferus</i>	674
<i>Croton griffithii</i>	888	<i>Cyperus uncinatus</i>	650
<i>Croton heteropetalum</i>	886	<i>Cyperus zollingeri</i>	675
<i>Crypteronia griffithii</i>	637	<i>Cyrtandra pendula</i>	991
<i>Cryptocarya caesia</i>	1206	<i>Cyrtococcum accrescens</i>	1017
<i>Cryptocarya ferrea</i>	1207	<i>Cyrtococcum oxyphyllum</i>	1018
<i>Cryptocarya griffithiana</i>	1208	<i>Cyrtosperma lasioides</i>	388
<i>Cryptocarya impressa</i>	1209	<i>Cyrtostachys lakka</i>	1948
<i>Cryptocarya kurzii</i>	1210	<i>Cystorchis variegata</i>	1795
<i>Cryptocoryne ciliata</i>	386	<i>Dacryodes laxa</i>	486
<i>Cryptocoryne griffithii</i>	387	<i>Dacryodes rostrata</i>	487
<i>Cryptostylis arachnites</i>	1792	<i>Dactyloctenium aegyptium</i>	1019
<i>Curculigo latifolia</i>	1165	<i>Daemonorops angustifolia</i>	1949
<i>Curculigo recurvata</i>	1166	<i>Daemonorops carcharodon</i>	1949
<i>Cuscuta hygrophilae</i>	607	<i>Daemonorops didymophylla</i>	1949
<i>Cyanotis barbata</i>	548	<i>Daemonorops grandis</i>	1952
<i>Cyathea glabra</i>	36	<i>Daemonorops hystrix</i>	1953
<i>Cyathea latebrosa</i>	37	<i>Daemonorops leptopus</i>	1955
<i>Cyathea squamulata</i>	38	<i>Daemonorops longipes</i>	1957
<i>Cyathocalyx virgatus</i>	299	<i>Daemonorops micrantha</i>	1958
<i>Cyathostemma hookeri</i>	278	<i>Daemonorops periacantha</i>	1959
<i>Cyathostemma viridiflorum</i>	279	<i>Dalbergia hullettii</i>	1287
<i>Cyclea laxiflora</i>	1507	<i>Dalbergia parviflora</i>	1289
<i>Cyclophorus acrostichoides</i>	140	<i>Dalbergia rostrata</i>	1290
<i>Cyclophorus adnascens</i>	139	<i>Dalbergia scortechinii</i>	1288
<i>Cyclophorus angustata</i>	138	<i>Dalbergia stercorea</i>	1288
<i>Cyclophorus varius</i>	139	<i>Dalbergia torta</i>	1286
<i>Cyclosorus aridus</i>	31	<i>Dalbergia velutina</i>	1291
<i>Cyclosorus extensus</i>	10	<i>Dapania scandens</i>	1929
<i>Cyclosorus gongylodes</i>	39	<i>Daphniphyllum laurinum</i>	739
<i>Cyclosorus heterocarpus</i>	153	<i>Davallia denticulata</i>	40
<i>Cyclosorus parasiticus</i>	33	<i>Davallia solida</i>	41
<i>Cyclosorus subpubescens</i>	34	<i>Decaspermum fruticosum</i>	1639
<i>Cyclosorus sumatranus</i>	34	<i>Dehaasia microcarpa</i>	1212
<i>Cyclosorus truncatus</i>	126	<i>Dehaasia nigrescens</i>	1199
<i>Cyclosorus unitus</i>	155	<i>Dendrobium acerosum</i>	1796
<i>Cymbidium finlaysonianum</i>	1794	<i>Dendrobium aloifolium</i>	1798

<i>Dendrobium bifarium</i>	1799	<i>Dialium maingayi</i>	1304
<i>Dendrobium callibotrys</i>	1811	<i>Dialium patens</i>	1305
<i>Dendrobium carnosum</i>	1800	<i>Dialium wallichii</i>	1306
<i>Dendrobium comatum</i>	1852	<i>Dianella ensifolia</i>	1367
<i>Dendrobium crocatum</i>	1801	<i>Dictyopteris irregularis</i>	124
<i>Dendrobium crumenatum</i>	1802	<i>Didymocarpus perdita</i>	993
<i>Dendrobium flabellum</i>	1853	<i>Didymocarpus platypus</i>	992
<i>Dendrobium flexile</i>	1803	<i>Didymoplexis pallens</i>	1830
<i>Dendrobium grande</i>	1803	<i>Digitaria caespitosa</i>	1026
<i>Dendrobium indivisum</i>	1806	<i>Digitaria chinensis</i>	1031
<i>Dendrobium kelsallii</i>	1850	<i>Digitaria longiflora</i>	1026
<i>Dendrobium laciniosum</i>	1854	<i>Digitaria marginata</i>	1023/1029/1030
<i>Dendrobium lamellatum</i>	1807	<i>Dillenia grandifolia</i>	742
<i>Dendrobium leonis</i>	1808	<i>Dillenia indica</i>	743
<i>Dendrobium lobatum</i>	1809	<i>Dillenia reticulata</i>	745
<i>Dendrobium lobbii</i>	1810	<i>Dilochia wallichii</i>	1832
<i>Dendrobium longicolle</i>	1810	<i>Dimeria ornithopoda</i>	1031
<i>Dendrobium pandaneti</i>	1813	<i>Dioclea reflexa</i>	1307
<i>Dendrobium pensile</i>	1814	<i>Diodia sarmentosa</i>	2103
<i>Dendrobium planibulbe</i>	1815	<i>Dioscorea bulbifera</i>	752
<i>Dendrobium prostratum</i>	1816	<i>Dioscorea glabra</i>	753
<i>Dendrobium pumilum</i>	1812	<i>Dioscorea hispida</i>	754
<i>Dendrobium revolutum</i>	1818	<i>Dioscorea laurifolia</i>	755
<i>Dendrobium salaccense</i>	1819	<i>Dioscorea polyclades</i>	756
<i>Dendrobium secundum</i>	1820	<i>Dioscorea prainiana</i>	757
<i>Dendrobium setifolium</i>	1821	<i>Dioscorea pyrifolia</i>	758
<i>Dendrobium sinuatum</i>	1823	<i>Dioscorea stenomeriflora</i>	760
<i>Dendrobium spurium</i>	1825	<i>Diospyros argentea</i>	789
<i>Dendrobium subulatum</i>	1826	<i>Diospyros bilocularis</i>	798
<i>Dendrobium teres</i>	1822	<i>Diospyros clavigera</i>	791
<i>Dendrochilum ellipticum</i>	1828	<i>Diospyros lucida</i>	796
<i>Dendrochilum longifolium</i>	1829	<i>Diospyros microphylla</i>	790
<i>Dendrophthoe pentandra</i>	1384	<i>Diospyros oblonga</i>	799
<i>Dentella repens</i>	2101	<i>Diospyros pyrifera</i>	794
<i>Deplanchea bancana</i>	456	<i>Diospyros styraciformis</i>	801
<i>Derris amoena</i>	1292	<i>Diplospora malaccensis</i>	2104
<i>Derris scandens</i>	1294	<i>Dipodium pictum</i>	1833
<i>Derris sinuata</i>	1293	<i>Dipteris conjugata</i>	55
<i>Derris thyrsiflora</i>	1295	<i>Dipterocarpus cornutus</i>	767
<i>Derris uliginosa</i>	1296	<i>Dipterocarpus penangianus</i>	766
<i>Desmodium heterophyllum</i>	1300	<i>Dischidia albida</i>	424
<i>Desmodium ovalifolium</i>	1299	<i>Dischidia bengalensis</i>	426
<i>Desmodium polycarpum</i>	1299	<i>Dischidia coccinea</i>	427
<i>Desmodium triflorum</i>	1301	<i>Dischidia collyris</i>	425
<i>Desmodium umbellatum</i>	1302	<i>Dischidia gaudichaudii</i>	430
<i>Desmos chinensis</i>	280	<i>Dischidia hirsuta</i>	428
<i>Desmos dasymaschala</i>	281	<i>Dischidia rafflesiana</i>	427729
<i>Desmos dumosus</i>	282	<i>Dischidia singaporensis</i>	431
<i>Dialium laurinum</i>	1303	<i>Dissochaeta annulata</i>	1423

<i>Dissochaeta celebica</i>	1424	<i>Elaeocarpus stipularis</i>	816
<i>Dissochaeta gracilis</i>	1425	<i>Elaeodendron subrotundum</i>	512
<i>Dissochaeta intermedia</i>	1426	<i>Eleocharis capitata</i>	680
<i>Dissochaeta pallida</i>	1427	<i>Eleocharis chaetaria</i>	682
<i>Dissochaeta punctulata</i>	1428	<i>Eleocharis ochrostachys</i>	681
<i>Dolichandrone spathacea</i>	457	<i>Eleocharis plantaginea</i>	679
<i>Donax grandis</i>	1414	<i>Eleocharis variegata</i>	681
<i>Dracaena aurantiacea</i>	219	<i>Elephantopus scaber</i>	568
<i>Dracaena brachystachys</i>	220	<i>Elettariopsis curtisii</i>	2491
<i>Dracaena elliptica</i>	221	<i>Eleusine coracana</i>	1036
<i>Dracaena granulata</i>	222	<i>Eleusine indica</i>	1037
<i>Dracaena maingayi</i>	223	<i>Ellipanthus griffithii</i>	599
<i>Dracaena porteri</i>	224	<i>Ellipeia cuneifolia</i>	283
<i>Dracaena singapurensis</i>	225	<i>Elytranthe albida</i>	1385
<i>Dracaena umbratica</i>	226	<i>Elytranthe arnottiana</i>	1386
<i>Drepananthus pruniferus</i>	274	<i>Embelia amentacea</i>	1629
<i>Drepananthus ramuliflorus</i>	274	<i>Embelia canescens</i>	1630
<i>Drymoglossum piloselloides</i>	141	<i>Embelia coriacea</i>	1631
<i>Drynaria sparsisora</i>	57	<i>Embelia garcinifolia</i>	1634
<i>Drypetes pendula</i>	889	<i>Embelia lampani</i>	1633
<i>Duranta repens</i>	2427	<i>Embelia ridleyi</i>	1582
<i>Durio griffithii</i>	463	<i>Emblica officinalis</i>	938
<i>Durio oblongus</i>	464	<i>Emilia sonchifolia</i>	570
<i>Dyera costulata</i>	346	<i>Endopogon ridleyi</i>	213
<i>Dysophylla auricularia</i>	1192	<i>Endospermum malaccense</i>	890
<i>Dysoxylum acutangulum</i>	1490	<i>Engelhardtia nudiflora</i>	1179
<i>Dysoxylum alliaceum</i>	1491	<i>Enhalus koenigii</i>	1152
<i>Dysoxylum cauliflorum</i>	1492	<i>Enhydra fluctuans</i>	570
<i>Dysoxylum costulatum</i>	1491	<i>Enhydrias angustipetala</i>	1150
<i>Dysoxylum flavescens</i>	1496	<i>Enkleia malaccensis</i>	2383
<i>Dysoxylum macrothyrsus</i>	1492	<i>Entada spiralis</i>	1308
<i>Dysoxylum thyrsoides</i>	1491	<i>Epipremnopsis media</i>	383
<i>Dysoxylum turbinatum</i>	1495	<i>Epipremnum giganteum</i>	389
<i>Echinochloa colona</i>	1033	<i>Epipremnum mirabile</i>	390
<i>Echinochloa crus-galli</i>	1034	<i>Eragrostis amabilis</i>	1045
<i>Eclipta alba</i>	567	<i>Eragrostis elegantula</i>	1038
<i>Egenolfia appendiculata</i>	26	<i>Eragrostis elongata</i>	1040
<i>Eichhornia crassipes</i>	2044	<i>Eragrostis malayana</i>	1042
<i>Elaeocarpus ferrugineus</i>	805	<i>Eragrostis pilosa</i>	1043
<i>Elaeocarpus floribundus</i>	806	<i>Eragrostis tenella</i>	1044
<i>Elaeocarpus griffithii</i>	807	<i>Eragrostis viscosa</i>	1046
<i>Elaeocarpus hullettii</i>	811	<i>Erechtites hieracifolia</i>	572
<i>Elaeocarpus littoralis</i>	808	<i>Erechtites valerianifolia</i>	573
<i>Elaeocarpus mastersii</i>	809	<i>Eria bractescens</i>	1834
<i>Elaeocarpus nitidus</i>	810a	<i>Eria floribunda</i>	1835
<i>Elaeocarpus pedunculatus</i>	812	<i>Eria gracilis</i>	1920
<i>Elaeocarpus petiolatus</i>	813	<i>Eria hyacinthoides</i>	1836
<i>Elaeocarpus polystachyus</i>	814	<i>Eria javanica</i>	1837
<i>Elaeocarpus salicifolius</i>	810b	<i>Eria longe-repens</i>	1838

<i>Eria neglecta</i>	1843	<i>Eugenia polyantha</i>	1674
<i>Eria nutans</i>	1844	<i>Eugenia pseudoformosa</i>	1676
<i>Eria obliqua</i>	1841	<i>Eugenia pseudosubtilis</i>	1677
<i>Eria pannea</i>	1842	<i>Eugenia punctulata</i>	1643
<i>Eria pudica</i>	1844	<i>Eugenia pustulata</i>	1678
<i>Eria pulchella</i>	1845	<i>Eugenia ridleyi</i>	1679
<i>Eria robusta</i>	1846	<i>Eugenia rugosa</i>	1680
<i>Eria tenuiflora</i>	1847	<i>Eugenia scoparia</i>	1641
<i>Eria teretifolia</i>	1843	<i>Eugenia spicata</i>	1682
<i>Eria velutina</i>	1921	<i>Eugenia subdecussata</i>	1685
<i>Eria vestita</i>	1922	<i>Eugenia subrufa</i>	1654
<i>Eriachne pallescens</i>	1047	<i>Eugenia tumida</i>	1654
<i>Erigeron sumatrense</i>	565	<i>Eugenia urceolata</i>	1657
<i>Eriocaulon sexangulare</i>	824	<i>Eugenia venulosa</i>	1662
<i>Eriocaulon truncatum</i>	825	<i>Eulalia praemorsa</i>	1091
<i>Erioglossum rubiginosum</i>	2252	<i>Eulophia graminea</i>	1848
<i>Erycibe festiva</i>	609	<i>Eulophia squalida</i>	1849
<i>Erycibe griffithii</i>	610/612	<i>Euonymus javanicus</i>	513
<i>Erycibe leucoxyloides</i>	611	<i>Euphorbia atoto</i>	891
<i>Erycibe malaccensis</i>	613	<i>Euphorbia heterophylla</i>	892
<i>Erycibe princei</i>	614a	<i>Euphorbia hirta</i>	893
<i>Eryngium foetidum</i>	2409	<i>Euphorbia thymifolia</i>	894
<i>Erythralium scandens</i>	1710	<i>Eurya acuminata</i>	2372
<i>Erythroxylum cuneatum</i>	826	<i>Eurycoma longifolia</i>	2317
<i>Eugenia acuminatissima</i>	1647	<i>Euthemis leucocarpa</i>	1706
<i>Eugenia caudata</i>	1642	<i>Euthemis minor</i>	1707
<i>Eugenia chlorantha</i>	1644	<i>Evodia glabra</i>	2230
<i>Eugenia claviflora</i>	1645	<i>Evodia malayana</i>	2232
<i>Eugenia conglomerata</i>	1646	<i>Evodia robusta</i>	2231
<i>Eugenia crenulata</i>	1675	<i>Evolvulus alsinoides</i>	615
<i>Eugenia cymosa</i>	1686	<i>Excoecaria agallocha</i>	895
<i>Eugenia densiflora</i>	1648	<i>Fagraea auriculata</i>	1371
<i>Eugenia duthieana</i>	1649	<i>Fagraea fragrans</i>	1372
<i>Eugenia filiformis</i>	1650	<i>Fagraea gigantea</i>	1373
<i>Eugenia glauca</i>	1652	<i>Fagraea ligustrina</i>	1374
<i>Eugenia goodenovii</i>	1680	<i>Fagraea obovata</i>	1370
<i>Eugenia grandis</i>	1653	<i>Fagraea racemosa</i>	1374
<i>Eugenia griffithii</i>	1654	<i>Fagraea ridleyi</i>	1375
<i>Eugenia linocierioidea</i>	1659	<i>Fibraurea chloroleuca</i>	1508
<i>Eugenia longiflora</i>	1660	<i>Ficus alba</i>	1552
<i>Eugenia microcalyx</i>	1661	<i>Ficus annulata</i>	1533
<i>Eugenia myrtifolia</i>	1668	<i>Ficus apiocarpa</i>	1534
<i>Eugenia ngadimaniana</i>	1664	<i>Ficus benjamina</i>	1537
<i>Eugenia nigricans</i>	1665	<i>Ficus binnendykii</i>	1538
<i>Eugenia oblongifolia</i>	1667	<i>Ficus bracteata</i>	1540
<i>Eugenia pachyphylla</i>	1669	<i>Ficus callicarpa</i>	1535
<i>Eugenia palembanica</i>	1670	<i>Ficus caulocarpa</i>	1541
<i>Eugenia papillosa</i>	1671	<i>Ficus chartacea</i>	1542
<i>Eugenia penangiana</i>	1640	<i>Ficus chrysocarpa</i>	1536

<i>Ficus consociata</i>	1543	<i>Flemingia strobilifera</i>	1309
<i>Ficus diversifolia</i>	1546	<i>Fleurya interrupta</i>	2412
<i>Ficus dubia</i>	1547	<i>Floscopa scandens</i>	549
<i>Ficus excavata</i>	1548	<i>Flueggia virosa</i>	949
<i>Ficus fistulosa</i>	1549	<i>Forrestia gracilis</i>	543
<i>Ficus glandulifera</i>	1550	<i>Forrestia marginata</i>	544
<i>Ficus globosa</i>	1551	<i>Freycinetia confusa</i>	1988
<i>Ficus indica</i>	1560/1571	<i>Freycinetia lucens</i>	1990
<i>Ficus laevis</i>	1555	<i>Freycinetia malaccensis</i>	1987
<i>Ficus microstoma</i>	1561	<i>Freycinetia valida</i>	1991
<i>Ficus microsyc</i>	1558	<i>Fuirena umbellata</i>	703
<i>Ficus miquelii</i>	1539	<i>Gaertnera acuminata</i>	2107
<i>Ficus obscura</i>	1559	<i>Gaertnera grisea</i>	2105
<i>Ficus pisifera</i>	1560	<i>Gaertnera obesa</i>	2106
<i>Ficus procera</i>	1544	<i>Gaertnera viminea</i>	2108
<i>Ficus pumila</i>	1562	<i>Gahnia tristis</i>	704
<i>Ficus ramentacea</i>	1567	<i>Galearia affinis</i>	897
<i>Ficus recurva</i>	1563	<i>Galearia finlaysonii</i>	897
<i>Ficus religiosa</i>	1564	<i>Galearia fulva</i>	897
<i>Ficus retusa</i>	1557	<i>Galearia phlebocarpa</i>	897
<i>Ficus rigida</i>	1570	<i>Galearia wallichii</i>	897
<i>Ficus rostrata</i>	1569	<i>Galeola kuhlii</i>	1856
<i>Ficus truncata</i>	1565	<i>Ganua motleyana</i>	2266
<i>Ficus urophylla</i>	1553	<i>Garcinia atroviridis</i>	1133
<i>Ficus variegata</i>	1553	<i>Garcinia bancana</i>	1134
<i>Ficus vasculosa</i>	1574	<i>Garcinia eugeniaefolia</i>	1135
<i>Ficus villosa</i>	1575	<i>Garcinia forbesii</i>	1136
<i>Ficus xylophylla</i>	1577	<i>Garcinia gaudichaudii</i>	1144
<i>Fimbristylis acuminata</i>	684	<i>Garcinia griffithii</i>	1137
<i>Fimbristylis aestivalis</i>	692	<i>Garcinia hombroniana</i>	1138
<i>Fimbristylis asperima</i>	688	<i>Garcinia nervosa</i>	1139
<i>Fimbristylis complanata</i>	685	<i>Garcinia nigrolineata</i>	1140
<i>Fimbristylis diphylla</i>	687	<i>Garcinia parvifolia</i>	1141
<i>Fimbristylis ferruginea</i>	689	<i>Garcinia rostrata</i>	1143
<i>Fimbristylis fusca</i>	690	<i>Gardenia griffithii</i>	2109
<i>Fimbristylis globulosa</i>	691	<i>Gardenia tubifera</i>	2110
<i>Fimbristylis leptoclada</i>	693	<i>Gardeniopsis longifolia</i>	2111
<i>Fimbristylis miliacea</i>	694	<i>Gastrodia javanica</i>	1857
<i>Fimbristylis nutans</i>	695	<i>Gelonium glomerulatum</i>	950
<i>Fimbristylis obtusata</i>	696	<i>Genianthus maingayi</i>	433
<i>Fimbristylis pauciflora</i>	698	<i>Geophila pilosa</i>	2112
<i>Fimbristylis polytrichoides</i>	699	<i>Gironniera nervosa</i>	2402
<i>Fimbristylis schoenoides</i>	700	<i>Gironniera subaequalis</i>	2404
<i>Fimbristylis setacea</i>	684	<i>Girroniera parvifolia</i>	24023
<i>Fimbristylis spathacea</i>	686	<i>Gleichenia laevigata</i>	59
<i>Fimbristylis tetragona</i>	701	<i>Gleichenia linearis</i>	44
<i>Finlaysonia obovata</i>	432	<i>Globba leucantha</i>	2495
<i>Flacourtia rukam</i>	978	<i>Globba pendula</i>	2495
<i>Flagellaria indica</i>	985	<i>Glochidion brunneum</i>	899

<i>Glochidion desmocarpum</i>	911	<i>Gynura sarmentosa</i>	574
<i>Glochidion glomerulatum</i>	901	<i>Habenaria lacertifera</i>	1890
<i>Glochidion kunstlerianum</i>	903	<i>Habenaria singaporensis</i>	1859
<i>Glochidion laevigatum</i>	902	<i>Halophila ovata</i>	1155
<i>Glochidion leiostylum</i>	907	<i>Halophila</i> sp.	1154
<i>Glochidion littorale</i>	904	<i>Hedyotis auricularia</i>	2116
<i>Glochidion maingayi</i>	899	<i>Hedyotis capitellata</i>	2119
<i>Glochidion microbotrys</i>	905	<i>Hedyotis congesta</i>	2120
<i>Glochidion pedunculatum</i>	899	<i>Hedyotis pinifolia</i>	2125
<i>Glochidion perakense</i>	906	<i>Hedyotis vestita</i>	2128
<i>Glochidion sericeum</i>	908	<i>Helicia excelsa</i>	2051
<i>Glochidion singaporense</i>	909	<i>Helicia petiolaris</i>	2052
<i>Glochidion superbum</i>	910	<i>Helicia robusta</i>	2053
<i>Glochidion trilobum</i>	905	<i>Heliotropium indicum</i>	473
<i>Glochidion trilobum</i>	911	<i>Helixanthera coccinea</i> 1	387
<i>Glycosmis citrifolia</i>	2234	<i>Hemigymnia multinodis</i>	1073
<i>Glycosmis malayana</i>	2233	<i>Henslowia buxifolia</i>	2243
<i>Gmelina asiatica</i>	2428	<i>Henslowia lobbiana</i>	2244
<i>Gmelina elliptica</i>	2429	<i>Heritiera elata</i>	2339
<i>Gmelina hystrix</i>	2430	<i>Heritiera littoralis</i>	2340
<i>Gomphandra affinis</i>	1168	<i>Hernandia peltata</i>	1148
<i>Gomphia corymbosa</i>	1705	<i>Herpestis monnieri</i>	2284
<i>Gomphia hookeri</i>	1704	<i>Hetaeria nitida</i>	1860
<i>Gomphia oblongifolia</i>	1708	<i>Hetaeria obliqua</i>	1861
<i>Gomphia sumatrana</i>	1708	<i>Heterogonium sagenoides</i>	62
<i>Goniotalamus malayanus</i>	295	<i>Heterosmilax indica</i>	2320
<i>Goniotalamus ridleyi</i>	296	<i>Hibiscus surattensis</i>	1407
<i>Goniotalamus tapis</i>	297	<i>Hibiscus tiliaceus</i>	1408
<i>Gonocaryum longeracemosum</i>	1169	<i>Hippocratea indica</i>	521
<i>Gonystylus maingayi</i>	995	<i>Hippocratea macrantha</i>	518
<i>Gordonia multinervis</i>	2373	<i>Hiptage sericea</i>	1403
<i>Gordonia penangensis</i>	2374	<i>Histiopteris incisa</i>	63
<i>Gordonia singaporeana</i>	2375	<i>Homalium grandiflorum</i>	977
<i>Grammatophyllum speciosum</i>	1851	<i>Homalomena caeruleascens</i>	393
<i>Grewia blattaefolia</i>	2390	<i>Homalomena griffithii</i>	391
<i>Grewia omphacarpa</i>	2391	<i>Homalomena paludosa</i>	394
<i>Grewia umbellata</i>	2389	<i>Homalomena sagittifolia</i>	395
<i>Guettarda speciosa</i>	2113	<i>Hopea griffithii</i>	770
<i>Guioa bijuga</i>	2249	<i>Hopea mengarawan</i>	771
<i>Guioa pleuropteris</i>	2250	<i>Hornstedtia conica</i>	2497
<i>Guioa pubescens</i>	2251	<i>Hornstedtia leonurus</i>	2498
<i>Gymnacranthera farquhariana</i>	1584a/b	<i>Hornstedtia megalocheilos</i>	2492
<i>Gymnacranthera forbesii</i>	1585	<i>Hornstedtia scyphifera</i>	2499
<i>Gymnacranthera murtoni</i>	1583	<i>Horsfieldia amygdalina</i>	1593
<i>Gymnopetalum quinquelobum</i>	639	<i>Horsfieldia canarioides</i>	1591
<i>Gynandropsis pentaphylla</i>	502	<i>Horsfieldia crassifolia</i>	1586
<i>Gynochthodes coriacea</i>	2114	<i>Horsfieldia globularia</i>	1589
<i>Gynochthodes sublanceolata</i>	2115	<i>Horsfieldia irya</i>	1588
<i>Gynotroches axillaris</i>	2069	<i>Horsfieldia lehmanniana</i>	1590

<i>Horsfieldia majuscula</i>	1590	<i>Intsia bijuga</i>	1315
<i>Horsfieldia racemosa</i>	1582	<i>Iodes oblonga</i>	1170
<i>Horsfieldia sucosa</i>	1593	<i>Iodes velutina</i>	1171
<i>Horsfieldia superba</i>	1594	<i>Ipomoea digitata</i>	620
<i>Horsfieldia tomentosa</i>	1595	<i>Ipomoea littoralis</i>	619
<i>Horsfieldia wallichii</i>	1596	<i>Ipomoea obscura</i>	621
<i>Hoya coriacea</i>	435	<i>Ipomoea pes-caprae</i>	622
<i>Hoya coronaria</i>	436	<i>Ipomoea pulchella</i>	617
<i>Hoya diversifolia</i>	437	<i>Ipomoea sagittaefolia</i>	624
<i>Hoya finlaysonii</i>	438	<i>Irvingia malayana</i>	2318
<i>Hoya lacunosa</i>	439	<i>Isachne australis</i>	1055
<i>Hoya latifolia</i>	440	<i>Isachne miliacea</i>	1057
<i>Hoya obtusifolia</i>	441	<i>Isachne semitalis</i>	1056
<i>Hoya parasitica</i>	442	<i>Ischaemum aristatum</i>	1059
<i>Hoya revoluta</i>	443	<i>Ischaemum magnum</i>	1060
<i>Hoya ridleyi</i>	442	<i>Ischaemum muticum</i>	1061
<i>Humata angustata</i>	64	<i>Ischaemum rugosum</i>	1062
<i>Humata heterophylla</i>	65	<i>Ischaemum timorense</i>	1063
<i>Humata pectinata</i>	67	<i>Ixonanthes icosandra</i>	1177
<i>Humata repens</i>	68	<i>Ixonanthes reticulata</i>	1178
<i>Hydnophytum formicarium</i>	2129	<i>Ixora concinna</i>	2131
<i>Hydrolea zeylanica</i>	1159	<i>Ixora congesta</i>	2132
<i>Hygrophila meianthos</i>	201	<i>Ixora grandifolia</i>	2133
<i>Hygrophila phlomoides</i>	202	<i>Ixora lobbii</i>	2134
<i>Hygrophila quadrivalvis</i>	200	<i>Ixora pendula</i>	2114
<i>Hygrophila spinosa</i>	203	<i>Jackia ornata</i>	2137
<i>Hylophila mollis</i>	1862	<i>Jacobinea coccinea</i>	204
<i>Hymenachne myuros</i>	1052	<i>Jasminum bifarium</i>	1719
<i>Hymenophyllum blumeianum</i>	72	<i>Jasminum griffithii</i>	1720
<i>Hymenophyllum holochilum</i>	71	<i>Jasminum longipetalum</i>	1721
<i>Hymenophyllum neesii</i>	70	<i>Jussiaea erecta</i>	1725
<i>Hymenophyllum serrulatum</i>	73	<i>Jussiaea repens</i>	1723
<i>Hypericum japonicum</i>	1164	<i>Jussiaea speciosa</i>	1726
<i>Hypolytrum latifolium</i>	705a	<i>Jussiaea suffruticosa</i>	1724
<i>Hypolytrum proliferum</i>	705b	<i>Kadsura cauliflora</i>	2290
<i>Hypserpa cuspidata</i>	1509	<i>Kadsura scandens</i>	2290
<i>Hyptis brevipes</i>	1181	<i>Kalanchoe pinnata</i>	633
<i>Hyptis capitata</i>	1182	<i>Kleinhovia hospita</i>	2342
<i>Hyptis suaveolens</i>	1183	<i>Knema cantleyi</i>	1606
<i>Iguanura geonomaeformis</i>	1962	<i>Knema conferta</i>	1598
<i>Ilex cymosa</i>	373	<i>Knema curtisii</i>	1599
<i>Ilex macrophylla</i>	374	<i>Knema furfuracea</i>	1600
<i>Ilex maingayi</i>	375	<i>Knema hookeriana</i>	1603
<i>Ilex venulosa</i>	374	<i>Knema intermedia</i>	1604
<i>Illigera appendiculata</i>	1149	<i>Knema laurina</i>	1606
<i>Imperata arundinacea</i>	1054	<i>Knema malayana</i>	1607
<i>Imperata exaltata</i>	1053	<i>Knema missionis</i>	1603
<i>Indigofera hirsuta</i>	1310	<i>Knema wrayi</i>	1601
<i>Indigofera tinctoria</i>	1313	<i>Koompassia malaccensis</i>	1316

<i>Kopsia singaporensis</i>	348	<i>Leuconotis maingayi</i>	350
<i>Korthalsia echinometra</i>	1963	<i>Leucopogon malayanus</i>	819
<i>Korthalsia grandis</i>	1964	<i>Leucostegia parvula</i>	66
<i>Korthalsia polystachya</i>	1967	<i>Licuala ferruginea</i>	1968
<i>Korthalsia scaphigera</i>	1965	<i>Licuala spinosa</i>	1969
<i>Korthalsia wallichiaefolia</i>	1966	<i>Licuala triphylla</i>	1970
<i>Kunstleria ridleyi</i>	1317	<i>Limacia velutina</i>	1511
<i>Kurrimia paniculata</i>	510	<i>Limnanthemum indicum</i>	986
<i>Kurrimia robusta</i>	511	<i>Limnophila laxa</i>	2298
<i>Kyllinga brevifolia</i>	647	<i>Limnophila villosa</i>	2300
<i>Kyllinga cylindrica</i>	677	<i>Lindera lucida</i>	1213
<i>Kyllinga melanosperma</i>	665	<i>Lindsaya borneensis</i>	80
<i>Kyllinga monocephala</i>	663	<i>Lindsaya nitens</i>	81
<i>Labisia pothoina</i>	1635	<i>Lindsaya orbiculata</i>	87
<i>Lantana indica</i>	2432	<i>Lindsaya parallelogramma</i>	89
<i>Lasia aculeata</i>	396	<i>Lindsaya scandens</i>	83
<i>Lasianthus appressus</i>	2138	<i>Linociera pauciflora</i>	1718
<i>Lasianthus attenuatus</i>	2139	<i>Linostoma pauciflorum</i>	2384
<i>Lasianthus chryseus</i>	2153	<i>Liparis elegans</i>	1864
<i>Lasianthus constricta</i>	2140	<i>Liparis ferruginea</i>	1865
<i>Lasianthus cyanocarpus</i>	2141	<i>Liparis gibbosa</i>	1866
<i>Lasianthus densifolius</i>	2142	<i>Liparis tricallosa</i>	1867
<i>Lasianthus ellipticus</i>	2143	<i>Lipocarpa argentea</i>	707
<i>Lasianthus griffithii</i>	2145	<i>Lipocarpa microcephala</i>	708
<i>Lasianthus maingayi</i>	2146	<i>Lippia nodiflora</i>	2434
<i>Lasianthus ridleyi</i>	2149	<i>Litsea cordata</i>	1216
<i>Lasianthus scabridus</i>	2150	<i>Litsea ferruginea</i>	1221
<i>Lasianthus singaporensis</i>	2149	<i>Litsea firma</i>	1222
<i>Lasianthus stipularis</i>	2152	<i>Litsea grandis</i>	1224
<i>Lasianthus tomentosus</i>	2153	<i>Litsea griffithii</i>	1220
<i>Lecananthus erubescens</i>	2154	<i>Litsea lancifolia</i>	1226
<i>Lecanorchis malaccensis</i>	1863	<i>Litsea machilifolia</i>	1227
<i>Leea angulata</i>	1244	<i>Litsea megacarpa</i>	1217
<i>Leea robusta</i>	1243	<i>Litsea myristicaefolia</i>	1228
<i>Leea rubra</i>	1246	<i>Litsea perakensis</i>	1218
<i>Leea sambucina</i>	1245	<i>Litsea petiolata</i>	1219
<i>Leersia hexandra</i>	1064	<i>Litsea ridleyi</i>	1229
<i>Lemna paucicostata</i>	1357	<i>Litsea robusta</i>	1230
<i>Lemna polyrhiza</i>	1359	<i>Litsea sarawacensis</i>	1225
<i>Lemna tenera</i>	1358	<i>Litsea singaporensis</i>	1214
<i>Leonurus sibiricus</i>	1185	<i>Litsea umbellata</i>	1231
<i>Lepionurus sylvestris</i>	1730	<i>Lomariopsis cochinchinensis</i>	93
<i>Lepironia mucronata</i>	706	<i>Longetia malayana</i>	849
<i>Leptaspis urceolata</i>	1065	<i>Lophatherum gracile</i>	1068
<i>Leptochloa chinensis</i>	1066	<i>Lophopetalum fimbriatum</i>	519
<i>Lettsomia ridleyi</i>	605	<i>Lophopetalum littoralis</i>	515
<i>Leucas lavendulifolia</i>	1186	<i>Lucaena glauca</i>	1318
<i>Leucas zeylanica</i>	1187	<i>Lucinaea membranacea</i>	2155
<i>Leuconotis griffithii</i>	349	<i>Lucinaea morinda</i>	2156

<i>Lucuma maingayi</i>	2283	<i>Mapania valida</i>	712
<i>Lucuma malaccensis</i>	2285	<i>Mapania wallichii</i>	717
<i>Ludwigia prostrata</i>	1727	<i>Mariscus albescens</i>	662
<i>Lumnitzera littorea</i>	537	<i>Mariscus cyperinus</i>	651
<i>Lumnitzera racemosa</i>	538	<i>Mariscus dregeanus</i>	656
<i>Lycopodium cernuum</i>	94	<i>Mariscus microcephalus</i>	648
<i>Lycopodium laxum</i>	69	<i>Mariscus sieberianus</i>	652
<i>Lycopodium nummulariifolium</i>	70	<i>Marumia nemorosa</i>	1430
<i>Lycopodium phlegmaria</i>	71	<i>Marumia rhodocarpa</i>	1429
<i>Lycopodium squarrosus</i>	72	<i>Mastixia maingayi</i>	633
<i>Lygodium dichotomum</i>	95	<i>Matthaea sancta</i>	1517
<i>Lygodium flexuosum</i>	96	<i>Mazus rugosus</i>	2310
<i>Lygodium scandens</i>	100	<i>Medinilla crassinervia</i>	1432
<i>Maba buxifolia</i>	795	<i>Medinilla hasseltii</i>	1431
<i>Maba venosa</i>	803	<i>Medinilla maingayi</i>	1460
<i>Macaranga cornuta</i>	920	<i>Melaleuca leucadendron</i>	1689
<i>Macaranga gigantea</i>	916	<i>Melanochyla auriculata</i>	259
<i>Macaranga griffithiana</i>	917	<i>Melanochyla kunstleri</i>	261
<i>Macaranga hosei</i>	919	<i>Melanochyla sp.</i>	259
<i>Macaranga hypoleuca</i>	921	<i>Melanorrhoea wallichii</i>	252
<i>Macaranga javanica</i>	918	<i>Melanorrhoea woodsiana</i>	252
<i>Macaranga maingayi</i>	922	<i>Melastoma malabathricum</i>	1433
<i>Macaranga populifolia</i>	915	<i>Meliosma elliptica</i>	2241
<i>Macaranga puncticulata</i>	914	<i>Meliosma lanceolata</i>	2239
<i>Macaranga recurvata</i>	924	<i>Meliosma ridleyi</i>	2240
<i>Macaranga trichocarpa</i>	925	<i>Melochia corchorifolia</i>	2343
<i>Macaranga triloba</i>	926	<i>Melodinus micranthus</i>	351
<i>Macodes petola</i>	1869	<i>Melodorum cylindricum</i>	322
<i>Macrosolen cochinchinensis</i>	1389	<i>Melodorum elegans</i>	302
<i>Macrosolen papillosus</i>	1390	<i>Melodorum fulgens</i>	284
<i>Macrosolen retusus</i>	1391	<i>Melodorum latifolium</i> var. <i>ovoidea</i>	286
<i>Madhuca kingiana</i>	2265	<i>Melodorum manubriatum</i>	287
<i>Madhuca malaccensis</i>	2269	<i>Melodorum pisocarpum</i>	302
<i>Madhuca sericea</i>	2270	<i>Melodorum prismaticum</i>	322
<i>Maesa ramentacea</i>	1636	<i>Memecylon amplexicaule</i>	1435
<i>Magnolia maingayi</i>	1400	<i>Memecylon cantleyi</i>	1437
<i>Malaxis latifolia</i>	1870	<i>Memecylon coeruleum</i>	1436
<i>Malaxis micrantha</i>	1871	<i>Memecylon edule</i>	1440a
<i>Mallotus paniculatus</i>	928	<i>Memecylon garcinioides</i>	1444
<i>Mangifera caesia</i>	253	<i>Memecylon heteropleurum</i>	1441
<i>Mangifera foetida</i>	254	<i>Memecylon laevigatum</i>	1448
<i>Mangifera lagenifera</i>	256	<i>Memecylon laxiflorum</i>	1440b
<i>Mangifera odorata</i>	258	<i>Memecylon myrsinoides</i>	1448
<i>Mangifera sclerophylla</i>	255	<i>Memecylon oleifolium</i>	1451
<i>Manihot utilissima</i>	930	<i>Memecylon ovatum</i>	1440
<i>Mapania humilis</i>	710	<i>Memecylon pubescens</i>	1455
<i>Mapania longa</i>	711	<i>Merremia caespitosa</i>	628
<i>Mapania palustris</i>	715	<i>Merremia convolvulacea</i>	627
<i>Mapania triquetra</i>	710	<i>Merremia tridentata</i>	629

<i>Merremia umbellata</i>	630	<i>Nepenthes gracilis</i>	1698
<i>Mezoneuron sumatranum</i>	1268	<i>Nepenthes rafflesiana</i>	1700
<i>Mezzettia leptopoda</i>	300	<i>Nepenthes trichocarpa</i>	1701
<i>Microcarpa curtisii</i>	?	<i>Nephelaphyllum pulchrum</i>	1876
<i>Microcarpaea muscosa</i>	2311	<i>Nephelium eriopetalum</i>	2255
<i>Micrococca mercurialis</i>	933	<i>Nephelium lappaceum</i>	2256
<i>Microdesmis caseariifolia</i>	934	<i>Nephelium mutabile</i>	2258
<i>Microsaccus ampullaceus</i>	1873	<i>Nephelium rubescens</i>	2257
<i>Microsaccus brevifolius</i>	1874	<i>Nephrolepis acutifolia</i>	110
<i>Microsaccus javensis</i>	1875	<i>Nephrolepis biserrata</i>	111
<i>Mikania scandens</i>	575	<i>Nephrolepis hirsutula</i>	113
<i>Miliusa longipes</i>	301	<i>Nephrolepis radicans</i>	114
<i>Millettia atropurpurea</i>	1319	<i>Neptunia oleracea</i>	1327
<i>Mimosa invis</i>	1323	<i>Nervilia punctata</i>	1877
<i>Mimosa pudica</i>	1325	<i>Neuwiedia curtisii</i>	1880
<i>Mimosa sepiaria</i>	1322	<i>Neuwiedia griffithii</i>	1878
<i>Mischocarpus sumatranus</i>	2253	<i>Neuwiedia lindleyi</i>	1879
<i>Mischocarpus sundaicus</i>	2254	<i>Norrisia malaccensis</i>	1376
<i>Mollugo pentaphylla</i>	227	<i>Nothaphoebe umbelliflora</i>	1234
<i>Monochoria hastaefolia</i>	2045	<i>Nypa fruticans</i>	1973
<i>Monochoria vaginalis</i>	2046	<i>Oberonia anceps</i>	1881
<i>Monogramme dareicarpus</i>	107	<i>Oberonia bertoldii</i>	1882
<i>Monogramme trichoidea</i>	108	<i>Oberonia ciliolata</i>	1883
<i>Morinda citrifolia</i>	2157	<i>Oberonia dissitiflora</i>	1884
<i>Morinda ridleyi</i>	2158	<i>Oberonia miniata</i>	1887
<i>Morinda rigida</i>	2159	<i>Ochanostachys amentacea</i>	1711
<i>Morinda umbellata</i>	2160	<i>Ochrosia borbonica</i>	352
<i>Muntingia calabura</i>	817	<i>Ochthocharis borneensis</i>	1456
<i>Mussaenda glabra</i>	2161	<i>Ochthocharis javanica</i>	1457
<i>Mussaenda mutabilis</i>	2162	<i>Ochthocharis paniculata</i>	1458
<i>Mussaendopsis beccariana</i>	2163	<i>Ocimum americanum</i>	1188
<i>Myrica farquhariana</i>	1581	<i>Ocimum basilicum</i>	1189
<i>Myristica cinnamomea</i>	1609	<i>Ocimum canum</i>	1188
<i>Myristica crassa</i>	1610	<i>Ocimum sanctum</i>	1190
<i>Myristica elliptica</i>	1611	<i>Oldenlandia corymbosa</i>	2121
<i>Myristica maingayi</i>	1614	<i>Oldenlandia dichotoma</i>	2122
<i>Myristica maxima</i>	1615	<i>Oldenlandia diffusa</i>	2123
<i>Myrmecodia tuberosa</i>	2166	<i>Oldenlandia paniculata</i>	2117
<i>Myrsine avenis</i>	1637	<i>Olea brachiata</i>	1722
<i>Myrsine porteriana</i>	1637	<i>Oncosperma horridum</i>	1974
<i>Myrsine umbellulata</i>	1637	<i>Oncosperma tigillarum</i>	1975
<i>Najas graminea</i>	1696	<i>Ophioglossum pedunculatum</i>	115/117
<i>Najas kingii</i>	1695	<i>Ophioglossum pendulum</i>	116
<i>Nauclea junghuhnii</i>	2166	<i>Ophiorrhiza singaporensis</i>	2171
<i>Nauclea subdita</i>	2167	<i>Ormosia macrodisca</i>	1331
<i>Neesia altissima</i>	465	<i>Ormosia microsperma</i>	1332
<i>Nenga wendlandiana</i>	1972	<i>Ormosia parvifolia</i>	1330
<i>Neonauclea purpurascens</i>	2168	<i>Orophea hastata</i>	303
<i>Nepenthes ampullaria</i>	1697	<i>Osmelia maingayi</i>	980

<i>Ostodes macrophylla</i>	896	<i>Paspalum distichum</i>	1085
<i>Oxalis barrelieri</i>	1930	<i>Paspalum longifolium</i>	1082
<i>Oxalis corniculata</i>	1931	<i>Paspalum orbiculare</i>	1083
<i>Oxalis corymbosa</i>	1932	<i>Passiflora foetida</i>	2003
<i>Oxymitra glauca</i>	292	<i>Passiflora laurifolia</i>	2004
<i>Oxymitra latifolia</i>	293	<i>Passiflora quadrangularis</i>	2005
<i>Pachycentria tuberculata</i>	1459	<i>Passiflora suberosa</i>	2005
<i>Padebruggea maingayi</i>	1321	<i>Pavetta indica</i>	2178
<i>Paederia foetida</i>	2176	<i>Payena havilandii</i>	2280
<i>Paederia verticillata</i>	2177	<i>Payena lucida</i>	2278
<i>Pajanella longifolia</i>	458	<i>Payena maingayi</i>	2279
<i>Palaquium bancanum</i>	2277	<i>Payena sessilis</i>	2265
<i>Palaquium gutta</i>	2271	<i>Peliosanthes violacea</i>	1368
<i>Palaquium hexandrum</i>	2272	<i>Peliosanthes viridis</i>	1368
<i>Palaquium microphyllum</i>	2273	<i>Pellacalyx axillaris</i>	2071
<i>Palaquium obovatum</i>	2274	<i>Pellacalyx saccardianus</i>	2072
<i>Palaquium oxleyanum</i>	2275	<i>Pellionia daveauana</i>	2414
<i>Palaquium ridleyi</i>	2276	<i>Peltophorum ferrugineum</i>	1335
<i>Palaquium xanthochyllum</i>	2278	<i>Pemphis acidula</i>	1397
<i>Pandanus atrocarpus</i>	1993	<i>Pentace triptera</i>	2392
<i>Pandanus aurantiacus</i>	1992	<i>Pentaphragma ridleyi</i>	2008
<i>Pandanus corneri</i>	1999	<i>Pentaphragma scortechinii</i>	2008
<i>Pandanus houllettei</i>	1994	<i>Peperomia pellucida</i>	2011
<i>Pandanus militaris</i>	2001	<i>Peristrophe acuminata</i>	206
<i>Pandanus ornatus</i>	1995	<i>Peristrophe tinctoria</i>	207
<i>Pandanus parvus</i>	1997	<i>Peronema canescens</i>	2433
<i>Pandanus tectorius</i>	1996	<i>Perotis latifolia</i>	1088
<i>Pandanus tetradon</i>	2000	<i>Petunga conifera</i>	2130
<i>Panicum auritum</i>	1074	<i>Phaeanthus nutans</i>	305
<i>Panicum caesium</i>	1076	<i>Philydrum lanuginosum</i>	2009
<i>Panicum ovalifolium</i>	1075	<i>Phoebe declinata</i>	1235
<i>Panicum repens</i>	1078	<i>Phoebe grandis</i>	1236
<i>Panicum sarmentosum</i>	1079	<i>Phoebe opaca</i>	1236
<i>Parameria glandulifera</i>	353	<i>Photinopteris speciosa</i>	9
<i>Parameria polyneura</i>	354	<i>Phyllanthus niruri</i>	936
<i>Paramignya griffithii</i>	2237	<i>Phyllanthus urinaria</i>	939
<i>Paramignya longispina</i>	2236	<i>Physalis minima</i>	2327
<i>Parartocarpus triandrus</i>	1579	<i>Physostelma wallichii</i>	434
<i>Parastemon urophyllus</i>	533	<i>Phytocrene bracteata</i>	1172
<i>Parinarium asperulum</i>	529	<i>Pilea muscosa</i>	2415
<i>Parinarium corymbosum</i>	532	<i>Pimeleodendron griffithianum</i>	940
<i>Parinarium costatum</i>	534	<i>Pinanga disticha</i>	1978
<i>Parinarium oblongifolium</i>	535	<i>Pinanga limosa</i>	1979
<i>Parishia paucijuga</i>	264	<i>Pinanga malaiana</i>	1980
<i>Parishia pubescens</i>	262	<i>Pinanga simplicifrons</i>	1982
<i>Parkia speciosa</i>	1334	<i>Pinanga singaporensis</i>	1981
<i>Parsonsia spiralis</i>	353	<i>Pinanga subruminata</i>	1983
<i>Paspalum commersonii</i>	1084	<i>Piper caninum</i>	2012
<i>Paspalum conjugatum</i>	1080	<i>Piper chaba</i>	2013

<i>Piper flavimarginatum</i>	2014	<i>Polygala brachystachya</i>	2029
<i>Piper lanatum</i>	2015	<i>Polygonum barbatum</i>	2041
<i>Piper maingayi</i>	2016	<i>Polyosma conocarpa</i>	2287
<i>Piper miniatum</i>	2018	<i>Polyosma flavo-virens</i>	2286
<i>Piper muricatum</i>	2019	<i>Polyosma ridleyi</i>	2285
<i>Piper pachyphyllum</i>	2020	<i>Polypodium grandidentata</i>	163
<i>Piper pedicelloseum</i>	2021	<i>Polypodium moultoni</i>	35
<i>Piper porphyrophyllum</i>	2022	<i>Polypodium nigrescens</i>	119
<i>Piper protractum</i>	2023	<i>Polypodium phymatodes</i>	120
<i>Piper ribesoides</i>	2024	<i>Polypodium punctatum</i>	106
<i>Piper sarmentosum</i>	2025	<i>Polypodium revolutum</i>	79
<i>Pipturus mollissimus</i>	2413	<i>Polypodium sinuosum</i>	110
<i>Pistia stratiotes</i>	397	<i>Polypodium verrucosum</i>	60
<i>Pithecellobium affine</i>	1262	<i>Polystachya flavescens</i>	1896
<i>Pithecellobium angulatum</i>	1259	<i>Pomatocalpa latifolium</i>	1897
<i>Pithecellobium clypearia</i>	1259	<i>Pometia alnifolia</i>	2260
<i>Pithecellobium confertum</i>	1257	<i>Pongamia pinnata</i>	1336
<i>Pithecellobium contortum</i>	1360	<i>Popowia fusca</i>	319
<i>Pithecellobium ellipticum</i>	1261	<i>Popowia ramosissima</i>	320
<i>Pithecellobium jiringa</i>	1263	<i>Popowia tomentosa</i>	321
<i>Pithecellobium microcarpum</i>	1264	<i>Portulaca oleracea</i>	2047
<i>Pittosporum ferrugineum</i>	2026	<i>Portulaca quadrifida</i>	2049
<i>Pityrogramma calomelanos</i>	121	<i>Pothos latifolius</i>	398
<i>Plagiostachys lateralis</i>	2500	<i>Pouzolzia indica</i>	2419
<i>Planchonella obovata</i>	2284	<i>Premna corymbosa</i>	2435
<i>Plantago asiatica</i>	2027	<i>Premna foetida</i>	2436
<i>Platyserium coronarium</i>	122	<i>Premna punctulata</i>	2438
<i>Platyserium ridleyi</i>	123	<i>Premna ridleyi</i>	2439
<i>Plectocomia griffithii</i>	1984	<i>Premna trichostoma</i>	2437
<i>Plectocomiopsis annulatus</i>	1971	<i>Prismatomeris tetranda</i>	2182
<i>Plectocomiopsis scortechinii</i>	1971	<i>Pseuderanthemum kingii</i>	208
<i>Pleocnemia olivacea</i>	125	<i>Pseudo-eugenia singaporensis</i>	1638
<i>Plethiandra sessiliflora</i>	1461	<i>Psilotum complanatum</i>	130
<i>Plocoglottis gigantea</i>	1892	<i>Psychotria angulata</i>	2183
<i>Plocoglottis javanica</i>	1893	<i>Psychotria cantleyi</i>	2184
<i>Plocoglottis lowii</i>	1894	<i>Psychotria griffithii</i>	2185
<i>Pluchea indica</i>	577	<i>Psychotria helferiana</i>	2186
<i>Plumbago zeylanica</i>	2028	<i>Psychotria maingayi</i>	2187
<i>Podochilus microphyllus</i>	1895	<i>Psychotria malayana</i>	2188
<i>Pogonanthera pulverulenta</i>	1462	<i>Psychotria obovata</i>	2189
<i>Polyalthia angustissima</i>	306	<i>Psychotria ovoidea</i>	2190
<i>Polyalthia beccarii</i>	308	<i>Psychotria penangensis</i>	2191
<i>Polyalthia cauliflora</i>	308	<i>Psychotria ridleyi</i>	2192
<i>Polyalthia desmantha</i>	308	<i>Psychotria rostrata</i>	2193
<i>Polyalthia hypoleuca</i>	312	<i>Psychotria sarmentosa</i>	2194
<i>Polyalthia lateriflora</i>	314	<i>Psychotria stipulacea</i>	2188
<i>Polyalthia macropoda</i>	315	<i>Pteleocarpa malaccensis</i>	474
<i>Polyalthia scortechinii</i>	316	<i>Pteridium aquilinum</i>	132
<i>Polyalthia sumatrana</i>	318	<i>Pteris decussata</i>	135

<i>Pteris ensiformis</i>	134	<i>Rhodamnia trinervia</i>	1690
<i>Pteris tripartita</i>	136	<i>Rhododendron longiflorum</i>	820
<i>Pteris vittata</i>	137	<i>Rhodomirtus tomentosus</i>	1691
<i>Pterisanthes coriacea</i>	2470	<i>Rhynchospora aurea</i>	718
<i>Pternandra coerulescens</i>	1463	<i>Rhynchospora glauca</i>	721
<i>Pternandra echinata</i>	1464	<i>Rhynchospora malasica</i>	719
<i>Pternandra paniculata</i>	1465	<i>Rhynchospora wallichiana</i>	720
<i>Pterococcus corniculatus</i>	941	<i>Rhyncostylis gigantea</i>	1901
<i>Pterospermum diversifolium</i>	2345	<i>Ricinus communis</i>	944
<i>Pterospermum javanicum</i>	2346	<i>Rivina humilis</i>	2010
<i>Ptychopyxis caput-medusae</i>	942	<i>Robiquetia spathulata</i>	1902
<i>Ptychopyxis costata</i>	943	<i>Roucheria griffithiana</i>	1369
<i>Ptychoraphis singaporensis</i>	1985	<i>Rourea acuminata</i>	602
<i>Pycreus nitens</i>	669	<i>Rourea concolor</i>	601
<i>Pycreus polystachyus</i>	668	<i>Rourea fulgens</i>	600
<i>Pygeum parviflorum</i>	2076	<i>Rourea pulchella</i>	602
<i>Pygeum persimile</i>	2076	<i>Rourea rugosa</i>	603
<i>Pygeum polystachyum</i>	2078	<i>Rourea similis</i>	601
<i>Pyrenaria acuminata</i>	2376	<i>Rubus angulosus</i>	2080a
<i>Quercus argentata</i>	973	<i>Rubus moluccanus</i>	2080b
<i>Quercus bennettii</i>	961	<i>Ruellia repens</i>	209
<i>Quercus cantleyana</i>	962	<i>Ryparosa hullettii</i>	982
<i>Quercus conocarpa</i>	963	<i>Ryparosa wallichii</i>	983
<i>Quercus cyclophora</i>	964	<i>Saccharum arundinaceum</i>	1092
<i>Quercus encleisacarpa</i>	966	<i>Sacciolepis angusta</i>	1094
<i>Quercus ewyckii</i>	967	<i>Sacciolepis myosuroides</i>	1095
<i>Quercus lamponga</i>	971	<i>Sacciolepis turgida</i>	1094
<i>Quercus lucida</i>	970	<i>Salacia flavescens</i>	526
<i>Quercus spicata</i>	965	<i>Salacia grandiflora</i>	524
<i>Quercus wallichiana</i>	972	<i>Salacia korthalsiana</i>	525
<i>Quisqualis indica</i>	538	<i>Salacia latifolia</i>	522
<i>Radermachera lobbii</i>	459	<i>Salacia prinoides</i>	522
<i>Randia anisophylla</i>	2179	<i>Salacia rubra</i>	523
<i>Randia auriculata</i>	2080	<i>Salacia viminea</i>	527
<i>Randia clarkei</i>	2175	<i>Salomonina cantoniensis</i>	2031
<i>Randia densiflora</i>	2081	<i>Samadera indica</i>	2319
<i>Randia fragrantissima</i>	2172	<i>Sandoricum emarginatum</i>	1498
<i>Randia longiflora</i>	2173	<i>Sandoricum koetjape</i>	1499
<i>Randia macrophylla</i>	2197	<i>Santiria apiculata</i>	488
<i>Randia penangiana</i>	2174	<i>Santiria laevigata</i>	491
<i>Raphidophora korthalsii</i>	399	<i>Santiria rubiginosa</i>	492
<i>Raphidophora lobbii</i>	400	<i>Sapium discolor</i>	945
<i>Raphidophora maingayi</i>	401	<i>Saprosma glomerulata</i>	2198
<i>Raphidophora minor</i>	402	<i>Sarcanthus halophilus</i>	1783
<i>Remirea maritima</i>	666	<i>Sarcochilus caligaris</i>	1898
<i>Renanthera elongata</i>	1899	<i>Sarcolobus globosus</i>	444
<i>Renanthera histrionica</i>	1900	<i>Sarcostoma javanica</i>	1903
<i>Rhizophora conjugata</i>	2073	<i>Saurauia tristyla</i>	218
<i>Rhizophora mucronata</i>	2074	<i>Sauropus albicans</i>	947

<i>Scaevola frutescens</i>	996	<i>Selaginella ciliaris</i>	146
<i>Scaphium affine</i>	2348	<i>Selaginella mayeri</i>	148
<i>Scaphium linearicarpum</i>	2347	<i>Selaginella roxburghii</i>	149
<i>Schefflera cephalotes</i>	412	<i>Selaginella wilddenowii</i>	151
<i>Schefflera hullettii</i>	414	<i>Selliguea heterocarpa</i>	152
<i>Schefflera lanceolata</i>	415	<i>Serianthes grandiflora</i>	1344
<i>Schefflera micrantha</i>	413	<i>Sesamum indicum</i>	2006
<i>Schefflera ridleyi</i>	417	<i>Sesuvium portulacastrum</i>	228
<i>Schefflera subulata</i>	416	<i>Setaria rubiginosa</i>	1102
<i>Schismatoglottis calyptrata</i>	404	<i>Shorea bracteolata</i>	774
<i>Schismatoglottis wallichii</i>	405	<i>Shorea curtisii</i>	776
<i>Schizachryium semiberbe</i>	1096	<i>Shorea gibbosa</i>	777
<i>Schizaea dichotoma</i>	143	<i>Shorea gratissima</i>	778
<i>Schizaea digitata</i>	144	<i>Shorea leprosula</i>	779
<i>Schizoloma divergens</i>	82	<i>Shorea macroptera</i>	780
<i>Schizoloma ensifolium</i>	84	<i>Shorea ovalis</i>	781
<i>Schizoloma heterophyllum</i>	85	<i>Shorea parvifolia</i>	782
<i>Schizoloma walkerae</i>	92	<i>Shorea pauciflora</i>	783
<i>Schizostachyum chilanthum</i>	1097	<i>Shorea platycarpa</i>	784
<i>Schizostachyum latifolium</i>	1098	<i>Sida carpinifolia</i>	1409
<i>Schizostachyum tenue</i>	1097	<i>Sida cordifolia</i>	1410
<i>Schizostachyum zolleringi</i>	1099	<i>Sida rhombifolia</i>	1411
<i>Schoenorchis micrantha</i>	1904	<i>Sigesbeckia orientalis</i>	79
<i>Schoenorchis secundiflora</i>	1905	<i>Sindora intermedia</i>	1346
<i>Schoenus calostachyus</i>	722	<i>Sindora wallichii</i>	1346
<i>Sciaphila affinis</i>	2396	<i>Sloanea javanica</i>	818
<i>Scindapsus hederaceus</i>	406	<i>Sloetia elongata</i>	1580
<i>Scindapsus pictus</i>	407	<i>Smilax barbata</i>	2321
<i>Scirpodendron costatum</i>	723	<i>Smilax calophylla</i>	2322
<i>Scirpus grossus</i>	724	<i>Smilax leucophylla</i>	2324
<i>Scirpus mucronatus</i>	725	<i>Smilax megacarpa</i>	2325
<i>Scleria bancana</i>	729	<i>Smilax myosotiflora</i>	2326
<i>Scleria biflora</i>	727	<i>Smythea pacifica</i>	2055
<i>Scleria caricina</i>	728	<i>Solanum ferox</i>	2328
<i>Scleria corymbosa</i>	730	<i>Solanum nigrum</i>	2329
<i>Scleria hebecarpa</i>	731	<i>Solanum sarmentosum</i>	2330
<i>Scleria levis</i>	732	<i>Solanum torvum</i>	2331
<i>Scleria multifoliata</i>	734	<i>Sonerila begoniaefolia</i>	1467
<i>Scleria oryzoides</i>	733	<i>Sonerila heterostemon</i>	1466
<i>Scleria sumatrensis</i>	736	<i>Sonneratia acida</i>	2333
<i>Scleria zeylanica</i>	735	<i>Sonneratia alba</i>	2332
<i>Scleropyrum ridleyi</i>	2245	<i>Sonneratia griffithii</i>	2332
<i>Scolopia rhinanthera</i>	984	<i>Sparganophorus vaillantii</i>	580
<i>Scoparia dulcis</i>	2312	<i>Spathodea campanulata</i>	460
<i>Scorodocarpus borneensis</i>	1713	<i>Spathodea nilotica</i>	460
<i>Scurrula ferruginea</i>	1392	<i>Spathoglottis plicata</i>	1906
<i>Scyphiphora hydrophyllacea</i>	2199	<i>Spatholobus ferrugineus</i>	1347
<i>Sebastiania chamalaea</i>	948	<i>Spatholobus maingayi</i>	1348
<i>Selaginella atroviridis</i>	147	<i>Spatholobus ridleyi</i>	1349

<i>Sphaeranthus africanus</i>	581	<i>Synedrella nodiflora</i>	582
<i>Sphaerocaryum elegans</i>	1104	<i>Syngramma alismifolia</i>	157
<i>Sphaerostephanos polycarpus</i>	154	<i>Tabernaemontana corymbosa</i>	358
<i>Sphaerostylis malaccense</i>	932	<i>Tabernaemontana hirta</i>	358
<i>Sphenodesme pentandra</i>	2440	<i>Tabernaemontana malaccensis</i>	359
<i>Spilanthes acmella</i>	554	<i>Tacca chantrieri</i>	2366
<i>Sporobolus diander</i>	1105	<i>Tacca cristata</i>	2366
<i>Sporobolus indicus</i>	1105	<i>Taeniophyllum filiforme</i>	1908
<i>Stachyphrynium griffithii</i>	1418	<i>Taeniophyllum obtusum</i>	1909
<i>Stachyphrynium parvum</i>	1415	<i>Taenitis blechnoides</i>	158
<i>Stachytarpheta indica</i>	2442	<i>Talauma lanigera</i>	1401
<i>Stachytarpheta jamaicensis</i>	2443	<i>Talauma singaporensis</i>	1398
<i>Stachytarpheta mutabilis</i>	2444	<i>Tarennia adpressa</i>	2200
<i>Staurogyne griffithiana</i>	210	<i>Tarennia fragrans</i>	2202
<i>Staurogyne setigera</i>	212	<i>Tarennia mollis</i>	2203
<i>Stemonurus capitatus</i>	1174	<i>Tarennia ridleyi</i>	2205
<i>Stemonurus scorpioides</i>	1175	<i>Tarennia stellulata</i>	2206
<i>Stemonurus secundiflorus</i>	1175	<i>Tarrietia simplicifolia</i>	2341
<i>Stenochlaena palustris</i>	156	<i>Tectaria angulata</i>	161
<i>Stephanotis maingayi</i>	446	<i>Tectaria barberi</i>	162
<i>Sterculia bicolor</i>	2349	<i>Tectaria multicaudata</i>	164
<i>Sterculia elongata</i>	2352	<i>Tectaria singaporeana</i>	166
<i>Sterculia javanica</i>	2351	<i>Tephrosia subamoena</i>	1353
<i>Sterculia laevis</i>	2350	<i>Teratophyllum aculeatum</i>	167
<i>Sterculia macrophylla</i>	2353	<i>Teratophyllum ludens</i>	168
<i>Sterculia parviflora</i>	2354	<i>Terminalia catappa</i>	540
<i>Sterculia rubiginosa</i>	2355	<i>Terminalia phellocarpa</i>	541
<i>Stereospermum chelonoides</i>	461	<i>Terminalia subspathulata</i>	542
<i>Striga hirsuta</i>	2314	<i>Ternstroemia bancana</i>	2377
<i>Strombosia javanica</i>	1715	<i>Ternstroemia wallichiana</i>	2379
<i>Strombosia rotundifolia</i>	1714	<i>Tetracera assa</i>	747
<i>Strophanthes brevicaudatus</i>	357	<i>Tetracera fagifolia</i>	749
<i>Strophanthes dichotomus</i>	356	<i>Tetracera lucida</i>	748
<i>Strychnos malaccensis</i>	1377	<i>Tetracera macrophylla</i>	751
<i>Strychnos ovalifolia</i>	1378	<i>Tetracera sumatrana</i>	749
<i>Strychnos pubescens</i>	1377	<i>Tetracera sylvestris</i>	747
<i>Strychnos ridleyi</i>	1380	<i>Tetramerista glabra</i>	2368
<i>Styrax benzoin</i>	2357	<i>Thelasis carinata</i>	1910
<i>Styrax crotonoides</i>	2358	<i>Thelasis micrantha</i>	1911
<i>Susum malayanum</i>	1147	<i>Thelasis triptera</i>	1912
<i>Swintonia schwenkii</i>	265	<i>Thelypteris chlamydotheca</i>	102
<i>Symplocos adenophylla</i>	2359	<i>Thelypteris motleyi</i>	103
<i>Symplocos celastriifolia</i>	2361	<i>Themeda arguens</i>	1108
<i>Symplocos fasciculata</i>	2362	<i>Themeda villosa</i>	1109
<i>Symplocos odoratissima</i>	2364	<i>Thespesia populnea</i>	1412
<i>Symplocos pulverulenta</i>	2364	<i>Thoracostachyum bancanum</i>	738
<i>Symplocos ridleyi</i>	2363	<i>Thottea dependens</i>	420
<i>Symplocos rigida</i>	2360	<i>Thottea grandiflora</i>	421
<i>Symplocos rubiginosa</i>	2365	<i>Thrixspermum acuminatissimum</i>	1913

<i>Thrixspermum amplexicaule</i>	1914	<i>Turpinia laxiflora</i>	2335
<i>Thrixspermum arachnites</i>	1916	<i>Turraea breviflora</i>	1501
<i>Thrixspermum calceolus</i>	1915	<i>Tylophora asthmatica</i>	448
<i>Thrixspermum ridleyanum</i>	1917	<i>Tylophora squarrosa</i>	449
<i>Thrixspermum trichoglottis</i>	1919	<i>Tylophora tenuis</i>	450
<i>Thuarea sarmentosa</i>	1110	<i>Tylophora wallichii</i>	449
<i>Thunbergia alata</i>	214	<i>Typhonium cuspidatum</i>	408
<i>Thunbergia fragrans</i>	216	<i>Typhonium roxburghii</i>	409
<i>Thunbergia grandiflora</i>	217	<i>Uncaria attenuata</i>	2212
<i>Timonius finlaysonianus</i>	2207	<i>Uncaria gambir</i>	2215
<i>Timonius flavescens</i>	2208	<i>Uncaria glabrata</i>	2216
<i>Timonius wallichianus</i>	2209	<i>Uncaria jasminiflora</i>	2213
<i>Timonius wrayi</i>	2210	<i>Uncaria ovalifolia</i>	2217
<i>Tinomiscium petiolare</i>	1513	<i>Uncaria pedicellata</i>	2214
<i>Tinospora crispa</i>	1514	<i>Uncaria pteropoda</i>	2217
<i>Torenia polygonoides</i>	2296	<i>Uncaria roxburghiana</i>	2218
<i>Tournefortia wallichii</i>	475	<i>Uncaria sclerophylla</i>	2214
<i>Trema angustifolia</i>	2405	<i>Uraria crinita</i>	1353
<i>Trema orientalis</i>	2407	<i>Urceola brachysepala</i>	360
<i>Trema virgata</i>	2406	<i>Urceola lucida</i>	361
<i>Trevesia cheirantha</i>	418	<i>Urceola maingayi</i>	362
<i>Trichomanes bimarginatum</i>	176	<i>Urceola malaccensis</i>	363
<i>Trichomanes christii</i>	170	<i>Urceola torulosa</i>	364
<i>Trichomanes humile</i>	171	<i>Urena lobata</i>	1413
<i>Trichomanes javanicum</i>	172	<i>Urophyllum glabrum</i>	2221
<i>Trichomanes obscurum</i>	176	<i>Urophyllum griffithianum</i>	2222
<i>Trichomanes pallidum</i>	177	<i>Urophyllum hirsutum</i>	2223
<i>Trichomanes singaporeanum</i>	178	<i>Urophyllum macrophyllum</i>	2224
<i>Trichomanes sublimbatum</i>	179	<i>Urophyllum streptopodium</i>	2226
<i>Trichosanthes celebica</i>	640	<i>Urophyllum trifurcum</i>	2227
<i>Trichosanthes wallichiana</i>	641	<i>Utricularia albina</i>	1363
<i>Trichosanthes wawraei</i>	642	<i>Utricularia bifida</i>	1362
<i>Tridax procumbens</i>	583	<i>Utricularia exoleta</i>	1364
<i>Trigonachras acuta</i>	2261	<i>Utricularia fluitans</i>	1365
<i>Trigoniastrum hypoleucum</i>	2395	<i>Utricularia griffithii</i>	1366
<i>Trigono-chlamys grandifolia</i>	480	<i>Uvaria excelsa</i>	277
<i>Trigono-chlamys griffithii</i>	4490	<i>Uvaria hirsuta</i>	327
<i>Trigonostemon longifolius</i>	952	<i>Uvaria lobbiana</i>	329
<i>Triomma malaccensis</i>	494	<i>Uvaria macrophylla</i>	324
<i>Tristania merguensis</i>	1692	<i>Uvaria purpurea</i>	326
<i>Tristania obovata</i>	1693	<i>Uvaria ridleyi</i>	328
<i>Tristania sumatrana</i>	1694	<i>Uvaria subrepanda</i>	329
<i>Tristellateia australasiae</i>	1404	<i>Vaccinium acuminatissimum</i>	821
<i>Triumfetta pseudo-cana</i>	2393	<i>Vaccinium hasseltii</i>	823
<i>Triumfetta rhomboidea</i>	2394	<i>Vaccinium malaccense</i>	822
<i>Tropidia curculigoides</i>	1923	<i>Vandellia crustacea</i>	2304
<i>Turnera trioniflora</i>	2398	<i>Vandellia elata</i>	2305
<i>Turnera ulmifolia</i>	2399	<i>Vandellia hirsuta</i>	2309
<i>Turpinia latifolia</i>	2335	<i>Vandellia pedunculata</i>	2301

<i>Vanilla griffithii</i>	1924	<i>Xanthophyllum discolor</i>	2033
<i>Vatica maingayi</i>	785	<i>Xanthophyllum kingii</i>	2034
<i>Vatica ridleyana</i>	786	<i>Xanthophyllum obscurum</i>	2037
<i>Vatica wallichii</i>	786	<i>Xanthophyllum palembanicum</i>	2035
<i>Ventilago malaccensis</i>	2056	<i>Xerospermum intermedium</i>	2264
<i>Vernonia arborea</i>	584	<i>Xerospermum wallichii</i>	2264
<i>Vernonia chinensis</i>	586	<i>Ximenia americana</i>	1716
<i>Vernonia cinerea</i>	585	<i>Xylopia caudata</i>	331
<i>Vernonia javanica</i>	584	<i>Xylopia dicarpa</i>	335
<i>Viburnum sambucinum</i>	506	<i>Xylopia ferruginea</i>	332a
<i>Vigna retusa</i>	1354	<i>Xylopia fusca</i>	333
<i>Viscum articulatum</i>	1394	<i>Xylopia malayana</i>	335
<i>Viscum orientale</i>	1395	<i>Xylopia oxyantha</i>	332b
<i>Vitex coriacea</i>	2445	<i>Xylopia ridleyi</i>	275
<i>Vitex negundo</i>	2448	<i>Xyris anceps</i>	2474
<i>Vitex peralata</i>	2446	<i>Xyris indica</i>	2475
<i>Vitex pteropoda</i>	2446	<i>Zalacca affinis</i>	1986
<i>Vitex pubescens</i>	2449	<i>Zalacca conferta</i>	1961
<i>Vitex trifolia</i>	2450	<i>Zanthoxylum hirtellum</i>	2238
<i>Vitex vestita</i>	2451	<i>Zeuxine clandestina</i>	1928
<i>Vitis cinnamomea</i>	2455	<i>Zingiber griffithii</i>	2502
<i>Vitis elegans</i>	2456	<i>Zingiber puberulum</i>	2503
<i>Vitis furcata</i>	2466	<i>Zingiber zerumbet</i>	2504
<i>Vitis glaberrima</i>	2464	<i>Ziziphus calophylla</i>	2057
<i>Vitis gracilis</i>	2457	<i>Ziziphus elegans</i>	2058
<i>Vitis hastata</i>	2463	<i>Ziziphus horsfieldii</i>	2059
<i>Vitis lawsoni</i>	2473	<i>Ziziphus oenoplia</i>	2060
<i>Vitis macrostachya</i>	2467	<i>Zornia diphylla</i>	1356
<i>Vitis mollissima</i>	2460	<i>Zoysia pungens</i>	1114
<i>Vitis novemfolia</i>	2461		
<i>Vitis repens</i>	2465		
<i>Vitis trifolia</i>	2462		
<i>Vittaria elongata</i>	181		
<i>Vrydagzynea albida</i>	1925		
<i>Vrydagzynea lancifolia</i>	1926		
<i>Vrydagzynea tristriata</i>	1927		
<i>Wedelia biflora</i>	587		
<i>Wikstroemia ridleyi</i>	2385		
<i>Willughbeia coriacea</i>	368		
<i>Willughbeia firma</i>	368		
<i>Willughbeia flavescens</i>	365		
<i>Willughbeia tenuiflora</i>	371		
<i>Wolffia arhiza</i>	1360		
<i>Wormia excelsa</i>	741		
<i>Wormia pulchella</i>	744		
<i>Wormia suffruticosa</i>	746		
<i>Xanthium strumarium</i>	589		
<i>Xanthophyllum affine</i>	2306		
<i>Xanthophyllum curtisii</i>	2313		

BOOK REVIEWS

1. The Concise Flora of Singapore, Gymnosperms and Dicotyledons.

Hsuan Keng. Singapore University Press, National University of Singapore, Kent ridge, Singapore 0511. 1990. xxiii + 222 pp. + 116 pp. illus. + text illus. ISBN 9971-69-135-3 (Paper), S\$42.00

In 1819 when Singapore founded it was almost entirely covered by trees, with about 82% of the vegetation under lowland dipterocarp forest, 13% under mangrove forest and 5% under freshwater swamp forest. By 1884 when the first report on the forests of Singapore was published, only about 7% of the original dry-land forest remained. This was a consequence of the rapid development of the colony creating a great demand for fuelwood and agricultural land. Today most of Singapore's remaining native forests occupy about 2800 hectares. About 2000 hectares are gazetted as Nature Reserves, including less than 100 hectares of "primary" areas.

The National Parks Board of Singapore is entrusted with the care of these Reserves and is actively managing them for recreation, conservation, research and education. There is a growing demand in Singapore for outdoor recreation and also an increasing awareness and appreciation of nature as indicated by the very high visitor numbers to the Nature Reserves and great enthusiasm for the Nature society (Singapore) activities. There is also an increasing interest in native species for amenity planting where once fast growing exotics were preferred. To the managers, members of the public and others interested in the flora of Singapore, this publication is timely.

According to Keng there are 3 families, 3 genera and 8 species of Gymnosperms, and 125 families, 574 genera and 1,285 species of dicotyledons native to Singapore. All the families are given a brief description. Genera are not described but all species are with a useful concise description that also include notes on ecology, occurrence/origin and uses. Where available, vernacular and Chinese names are given. With exceptions, a herbarium specimen is cited for each native species.

In addition to the native species, over 650 species of naturalised and cultivated plants are included in this Flora. The large numbers of such plants included is a distinctive and valuable feature increasing the usefulness of the book. Plants ranging from Victoria amazonica, introduced to the Botanic Gardens, to common vegetables like Cucurbits and Brassicas are found together with ornamentals like Adenium obesum and Ipomoea quamoclit and fruits such as Manilkara zapota and Artocarpus heterophyllus.

The book is provided with 116 pages of simple line drawings presented four to a page, mostly by Ro-siu Ling Keng, the author's wife. Although many of the plates suffer a loss of detail in the reduction and printing they still serve the very useful function of providing visual images for many of the species and aiding identification. A list of the illustrations is provided after the contents page following the phylogenetic order that the families are arranged in. As the species illustrated are not also included in the index, it is not easy for the reader to quickly determine if a particular species is illustrate or not.

Keys to genera or groups of genera (in cases of large families) are provided. Keys to species have been excluded because of the constraint of space and because, "many useful keys to species are available in the regional literature" (pg. xxii). This is a pity as keys specific to the species from Singapore can quickly lead to their identification. Not many readers will have access to the relevant regional literature and in some cases practical keys are not even available.

At the back, before the index, Keng has provided separate keys to the families of Gymnosperms and Dicotyledons. These are useful keys that have been adapted from his earlier book, "Orders and Families of Malaysian Seed Plants" (3rd ed. 1983).

The author and illustrator must be congratulated for putting together this very practical and useful manual. Users will be looking forward to the companion volume on the Monocotyledons.

A Flora is a permanent record of plants, and though plant names may change, the plants do not. This book will remain useful for many years to come and users will refer to their copies repeatedly. It is indeed a great pity that the printing, binding, cover and paper used do no justice to the value of the book. The herbarium copy is already battered and dog-eared, the cover picture fading, the binding becoming loose and pages threatening to come apart; all through heavy (but normal) use. Let us hope the publishers do a better job with the companion volume.

2. The Bamboos of Sabah.

Soejatmi Dransfield, 1992, Sabah Forest Records No. 14. Forest Department Sabah, Malaysia. 94pp. ISBN 983-9554-03-4. M\$40, postage extra. Available from, Senior Research Officer, Forest Research Centre, Sepilok, P.O. Box 1407, 90007 Sandakan, Sabah, Malaysia.

Bamboos are giant grasses, typically woody and with hollow stems. They are found throughout the tropical to temperate regions of the world, except Europe and Western Asia, between 46° north and 47° south, from the lowlands up to 4000 m. The majority occur in the lowlands in the tropics of Asia and America with very few in Africa. Their natural range has been greatly extended by cultivation for use as a technological material and as ornamentals. It is perhaps in Asia that bamboos are put to the greatest use; from angklungs to house-posts, and windmills to xylophones. The young shoots of many species are used as food.

In an age of rapid loss of tropical forests, bamboos, fast growing and with multiple uses, offer a way of producing both food and woody material for technological and industrial uses. The first stage is the documentation of the species so that users and others interested can tell one bamboo from another. This book by Soejatmi Dransfield, a leading bamboo specialist, describes all the bamboos found in Sabah. There are 10 genera (one still unnamed) and 35 species (4 still unnamed). Most species have a very limited distribution and the author predicts that more species can be expected to be found. An introductory part provides an outline of bamboo morphology. This is followed by a key to the genera. Subsequently, the genera and species are treated alphabetically. Under each genus there is a key to species. All genera and species are provided with a fairly

comprehensive description and additional information is provided under the subheadings: Distribution, Local names, Uses and Notes.

- Thirty-one of the species are illustrated, 30 with a full-page figure each and one with two full-page figures. The figures are of a good quality, attractive, very clear and show many of the diagnostic features required for identification.

The book is beautiful and generously produced with the signature well sewn and bound and the paper of relatively heavy weight and of a good quality.

The few comments offered are with regards to making the book easier to use. As indicated in the blurb on the dust-jacket and in the preface, this is a practical guide. It is not written only for other bamboo specialists. As such a slightly expanded section on the morphology of bamboos with well labelled illustrations would be a great help. In this book the discussion on morphology is made with some reference to the text figures on the various species; this method is helpful, but specific, well-labelled illustrations are necessary to help the non-initiated come to grips with bamboo morphology, irrespective of whether these may appear repetitive to the specialists or can be found in another book. In addition, a glossary of terms might also be useful. A guide such as this should always strive to educate as well as to inform.

The key to genera is essential in the process of identifying a Sabah bamboo. Yet the average user will most probably be frustrated at the first lead where inflorescence characters are used, as the user will most likely be confronted with a non-flowering specimen. In the same key at lead 8, the pair of contrasting statements are not contrasting enough, viz:

“sheaths usually covered with dark hairs, blades usually erect

..... *Bambusa*

“sheaths usually covered with white or light brown to dark brown hairs, blades spreading or deflexed..... 9.”

In practise it may be difficult to differentiate between “dark hairs” and “dark brown hairs.” Although the clum sheath blades are usually erect in *Bambusa*, they can, as in *B. blumeana*, be “erect first, then spreading...” (pg. 11), as in Fig. 1, where the blade of *B. blumeana* is shown to be deflexed.

There comments do not detract from the fact that this is a well produced, attractive and valuable documentation of all the bamboos of Sabah; the first such account to be written. The author, the Forestry department of Sabah and the editor have made a very useful contribution to an important resource

CHIN SEE CHUNG
Herbarium,
Singapore Botanic Gardens,
National Parks Board, Singapore

0071-15-834

The Gardens' Bulletin

Singapore

VOL. 45 (Part 2) Dec 1993

ISSN 0374-7859



NATIONAL PARKS BOARD

Singapore Botanic Gardens Cluny Road Singapore 1025 Tel: 4741165 Telefax: 4754295

THE GARDENS' BULLETIN

EDITORIAL COMMITTEE

Chairman : Bernard T.G. Tan, B.Sc.Hons. (Singapore); D. Phil. (Oxon.)

Members : Syed Yusoff Alsagoff
C.J. Goh, B.Sc.Hons. (Singapore); Ph.D (Newcastle upon Tyne)
Leo W.H. Tan, B.Sc., Ph.D. (Singapore)
W.K. Tan, B.A. (Wms Coll., Mass.); M.Sc. (M.S.U., Mich.);
Ph.D. (U.M., Fl.)
Lawrence C.C. Leong, B.Sc., M.Sc., Ph.D. (Malaya)
T.W. Foong, B.Sc.Hons., Ph.D. (Cant.)
Jennifer Ng-Lim Cheo Tee, B.Sc., M.A. (Dublin)

Editors : Chin See Chung, B.Sc.Hons (Singapore); M.Sc. (Malaya); M.S.,
M. Phil., Ph.D.(Yale)
S.Y Geh, B.Sc.Hons., M.Sc. (Singapore); Dip.Hort.Sc. (Massey)

Reviewers : R.N. Hilton, Nedlands, WA, Australia
B.S. Parris, Takapuna, New Zealand
H.D. Thiers, San Francisco State University, California, USA
C.B. Wolfe, Penn State University, Pennsylvania, USA

The Gardens' Bulletin is published twice yearly by the National Parks Board, Singapore. Neither the National Parks Board nor the Editorial Committee is responsible for the opinions or conclusions expressed by the contributing authors.

The Gardens' Bulletin is priced at Singapore \$40.00 excluding postage. Overseas subscribers are required to make payment in the form of bank drafts or international money orders in Singapore currency payable to the *Executive Director, National Parks Board, Singapore*.

Instructions for contributing authors are found behind the Contents Table.

OCT 19 1994

The Gardens' Bulletin

Singapore

VOL. 45(Part 2) Dec 1993

ISSN. 0374-7859

CONTENTS

GAY, H., HENNIPMAN, E., HUXLEY, C.R. & PARROTT, F.J.E.

The Taxonomy, Distribution and Ecology of the Epiphytic Malesian
Ant-Fern *Lecanopteris* Reinw. (Polypodiaceae)293 — 335

CORNER, E.J.H.

Psathyrella (Agaricales) with Ornamented Spores in the
Malay Peninsula337 — 357

WATLING, R.

Observations on Malaysian Bolbitaceae with Records from
Solomon Islands359 — 381

TAY, E.P.

Book Review :
Flora of Australia Vol. 50: Oceanic Islands 2383 — 384

Published by

National Parks Board
Singapore Botanic Gardens
Cluny Road
Singapore 1025

Printed by Oxford Graphic Printers

INSTRUCTIONS TO AUTHORS

Manuscripts: The Editorial Committee of the Gardens' Bulletin will be glad to receive and consider for publication original research findings and reviews of progress in the field of botany, horticulture, and allied subjects. Contributions must be original and the material must not have been submitted or, if accepted, be submitted for publication elsewhere.

Two copies of the manuscript should be submitted, typed or type printed, and if typed, then the top copy must be one of the two. Type or print on one side only, with double-line spacing and a margin of at least 4 cm. Do not type all the letters of any word in capitals. Underline only in pencil: with a straight line for italic type face and wavy line line for bold type face. Authors should see the layout other papers recently published in this journal to ensure that papers submitted conform as closely as possible to the accepted pattern. Numerical data should only be included if it is essential to the argument and this can be presented either in the form of tables or diagrams.

Titles and authors: The title should give a concise description of the content of the paper. The name(s) and affiliation(s) of author(s) must be given below the title. Lengthy papers and those of a complex nature must have the contents listed at the beginning of the paper.

Scientific names: The complete scientific name – genus, species, authority, and cultivar where appropriate – must be cited for every organism at time of first mention. The generic name may be abbreviated to the initial thereafter except where intervening references to other genera with the same initial could cause confusion.

Tables: All tables should be numbered and carry headings describing their content. These should be comprehensive without reference to the text.

Abbreviations: Standard chemical symbols may be used in text (e.g. IAA, IBA, ATP), but the full term should be given on the first mention. Dates should be cited as: 3 May 1976. Units of measurement should be spelled out except when preceded by a numeral where they should be abbreviated in standard for: g, mg, ml, etc. and not followed by stops.

Literature citations: Citations in the text should take the form: King and Chan (1964). If several papers by the same author in the same year are cited, they should be lettered in sequence (1964a), (1964b), etc. When papers are by three or more authors they should be cited as e.g., Geesink et al. (1981). All references must be placed in alphabetic order according to the surname of the (first) author and in the following form:

Singh, H. (1976). Sclereids in *Fagraea*. *Gard. Bull. Sing.* 22, 193–212.

Abbreviations of titles of journals should be those of the World List of Scientific Periodicals (4th Edition) or the Selected Abbreviated Titles of Biological Journals (London: Institute of Biology).

References to books and monographs should be cited according to the following form:
Ridley, H.N. (1930). *The Dispersal of Plants Throughout the World*, L. Reeve; Ashford, Kent: 242-255.

For literature citations in taxonomic papers the following style is required:
Medinilla alternifolia Bl., Mus. Bot. Lugd.-Bat. I:2(1849) 19.
Sterculia acuminatissima Merr., Philip. J. Sci. 21 (1922) 524.

Illustrations: Drawings should be done in Indian ink. Authors should indicate where individual illustrations receive first mention in the text.

Offprints: Authors will be given 50 offprints *gratis*. Additional copies must be ordered and paid for, prior to publication.

Manuscripts should be sent to: THE EDITOR, GARDENS' BULLETIN, SINGAPORE, NATIONAL PARKS BOARD, SINGAPORE BOTANIC GARDENS, CLUNY ROAD, SINGAPORE 1025.

THE TAXONOMY, DISTRIBUTION AND ECOLOGY OF THE EPIPHYTIC MALESIAN ANT-FERN *LECANOPTERIS* REINW. (POLYPODIACEAE)

H. GAY¹, E. HENNIPMAN², C. R. HUXLEY¹ & F. J. E. PARROTT³.

1: Dept of Plant Sciences, South Parks Road, University of Oxford, OX1 3RA, U.K.

2: Zweerslaan 34, 3723 HP Bilthoven, The Netherlands.

3: Ministry of Agriculture, Food and Fisheries, Whitehall Place, London.

EFFECTIVE PUBLICATION DATE : 31 MARCH 1994

Abstract

Lecanopteris comprises 13 epiphytic species with expanded rhizomes which shelter ants in a mutualistic association. Taxonomic descriptions and a key are given. In subgenus *Myrmecopteris*, *L. sinuosa* occurs throughout Malesia, in most habitats below 800 m a.s.l., especially in the ant-epiphyte communities of dry forest. *Lecanopteris crustacea* is confined to Bornean, Sumatran and Malaysian lowland dipterocarp canopies. Its sister species, *L. sarcopus* occurs in intact and disturbed forest from 400-1200m in the Philippines and Sulawesi. *Lecanopteris mirabilis* is found in New Guinea, Ambon and Seram, and is locally abundant in undisturbed mid-montane forest. Subgenus *Lecanopteris* consists of three groups, typified by *L. curtisii*, *L. pumila* and *L. darmaedii*. *Lecanopteris curtisii* forms distinct races in New Guinea, the Philippines, Sumatra, Java and Borneo. It is a rare member of intact or old disturbed hill forest between 400 m and 1200 m. The *L. pumila* group contains three endemics of lower montane forest in Sulawesi: *L. celebica*, *L. carnosa* and *L. balgooyi*, and a Philippine endemic, *L. luzonensis*. *Lecanopteris pumila* is found in mid-montane forest and ridgetops in Malaysia, Sumatra and Borneo, where it forms distinct races. The *L. darmaedii* group is endemic to Sulawesi; the three species are allopatric and found in undisturbed mid-montane forest. Myrmeco-epiphytic communities, inhabited by *Iridomyrmex cordatus*, are found in Bornean heath forest and New Guinean savannah. The ants contribute to the spread of ant-epiphytes by planting their propagules in the ant carton surrounding *L. sinuosa*. The only ecological characteristic common to *Lecanopteris* apart from myrmecophytism is heliophily, confining individuals to habitats with open canopies or tree crowns. No preference is manifested for host species, but *Lecanopteris* tends to grow on rough-barked trees.

Introduction

The ant-associated fern genus *Lecanopteris* Reinw. comprises 13 species which are largely confined to Malesia, and is characterised by a highly modified rhizome which shelters ants. Despite its remarkable biology and morphology, the genus remained in relative obscurity for 150 years after its first description by Reinwardt in 1828. Recently it has been the simultaneous subject of a D. Phil. thesis and a taxonomic monograph (Gay 1990; E. Hennipman *unpub.*). This article provides taxonomic descriptions based on field and herbarium material and a detailed account of the ecology and distribution of *Lecanopteris*.

The ant association, rhizome structure and evolution of *Lecanopteris* have been described by Gay (1990, 1991, 1993, *in press*) and Gay & Hensen (1992). Every member of the genus possesses a hollow or expanded rhizome which is used as a domatium by ants. Rhizome form varies from a solid, arched domatium (*L. mirabilis* (C. Chr.) Copel.) to dimorphism of solid and hollow rhizomes (*L. sarcopus*

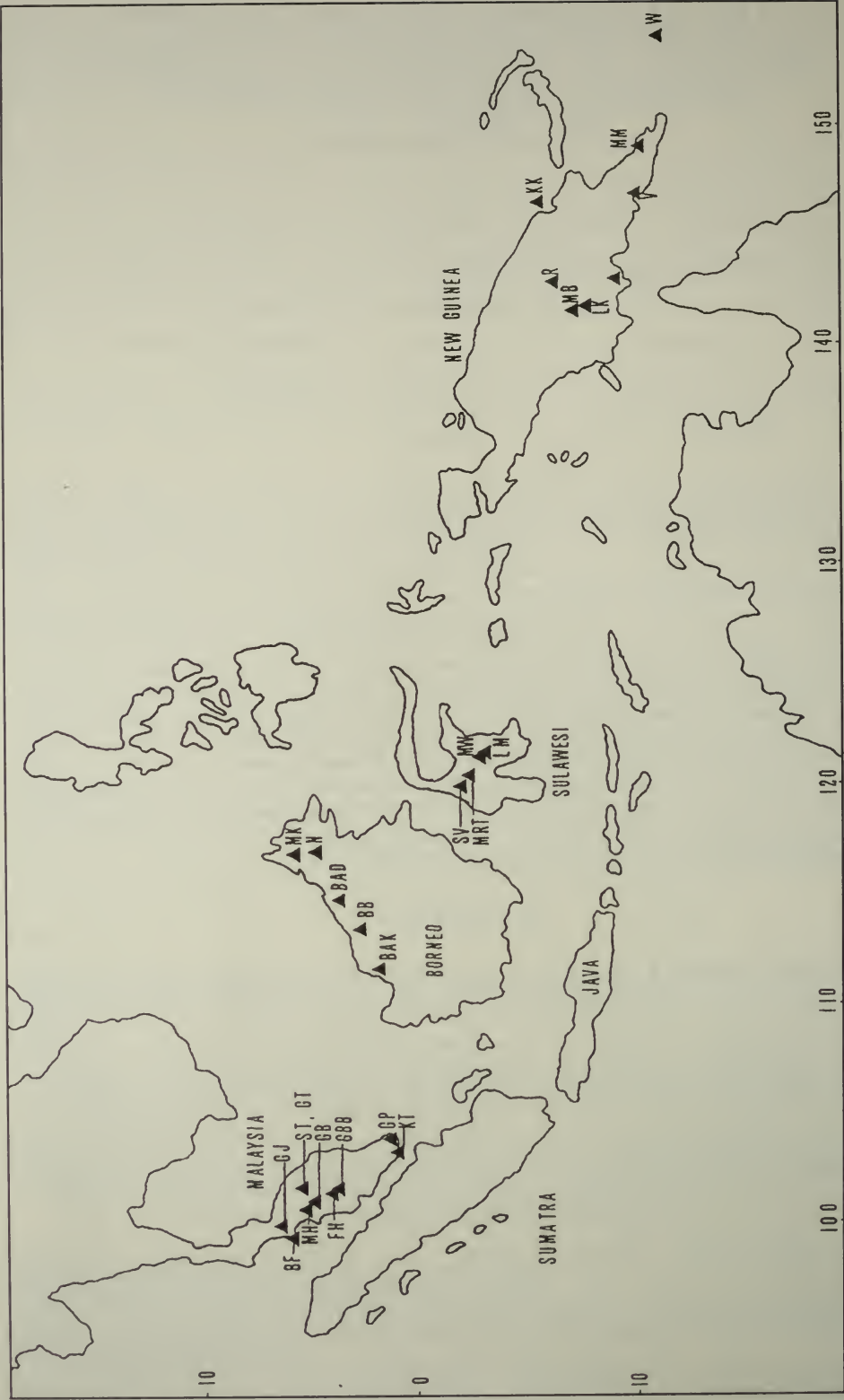


Fig. 1. The field sites

Teysm. & Binnend.), a single gallery (*L. sinuosa* Wall. ex Hook., *L. pumila* Bl.) or a double gallery (*L. darnaedii* Hennipman) (Gay 1993). In a given habitat, a constant ant species from the genera *Crematogaster* or *Iridomyrmex* nests, rears larvae and deposits debris in the rhizome, and may build carton runways and keep coccids in the vicinity. When the fern's geographical or altitudinal range is wider than that of the ant, another ant species replaces the major inhabitant beyond the limits of the former's range, showing that in this mutualism host/ant specificity is a function of ecology rather than evolution. Ant faeces and debris dumps within the rhizome provide a source of nutrients for *Lecanopteris* (Gay *in press*). The mutualism is based on acquisition of a nest by the ants, and nutrient uptake for the ferns.

Materials, Methods and Sources

Ecological data were obtained from field observations in Papua New Guinea, Peninsular Malaysia, Borneo and Sulawesi for eight species of *Lecanopteris* (*L. mirabilis*, *L. crustacea*, *L. pumila*, *L. curtisii* s.l., *L. sarcopus*, *L. sinuosa*, *L. celebica* and *L. darnaedii*). Field sites are listed in Appendix 1 and shown in Fig. 1. Data were recorded using two proformas: the first described each individual *Lecanopteris* recorded at a site, and the second recorded the habitat, following the technique developed by Webb, Tracey and Williams (1976) for comparative physiognomic analysis of Australian and New Guinean forest types. Herbarium specimen labels yielded limited information on habitats; relevant collections are appropriately cited.

Herbarium specimens of all species, and wild and cultivated plants where possible, were examined for the taxonomic descriptions. Spore, sporangium and venation characters are from Hettterscheid and Hennipman (1984), Hennipman (1986) and Hennipman and Verduyn (1987). Other authors are cited where appropriate. Specimens from the following herbaria were used: Kew (K); the Natural History Museum (BM); Lae (LAE); Port Moresby (UPNG); Singapore (SING); Kepong (KEP); Leiden (L); Berlin (B); Utrecht (U); Bogor (BO); New York (NY); Munich (M) and Michigan (MICH). The distribution maps are based on herbarium material and are after Hennipman (1986, and *unpub.*). The following abbreviations are used in the text: G. = Gunung (mountain); S. = Sungei (river); s. n. = un-numbered herbarium specimen; s. d. = specimen without date.

Taxonomic Account

LECANOPTERIS Reinwardt

Flora 3: 48 (1825); *Onychium carnosum* Reinwardt, in Syllog. Plantarum 2: 2 (1824), nom illeg. non Kaulfuss (1820); Copeland, Gen. Fil.: 205 (1947); Holttum, Revised Flora of Malaya Volume 2, Ferns of Malaya: 208 (1955); Hennipman, in Kew Bull. 41: 783 (1986); Hennipman and Verduyn, Blumea 32 : 313 (1987).

Type : *Lecanopteris carnosa* (Reinw.) Blume.

Myrmecophila (Christ) Nakai, in Bot Mag. Tokyo 43: 6 (1929) nom illeg. non Rolfe (1917). *Polypodium* sect. *Myrmecophila* Christ, Farnkr.: 12(1987). *Myrmecopteris* Pic. Ser., in Webbia 31:239 (1977).

Lectotype : *Lecanopteris sinuosa* (Wall. ex Hook.) Copel., selected by Pichi Sermolli.

Epiphytic or very rarely epilithic ferns of moderate size. *Rhizome* forming a domatium, creeping, much to little-branched; monomorphic, rarely dimorphic or subdimorphic; hollow with one or two gallery systems, or solid and arched, pale green, opalescent or glaucous when living, black when dead; glabrous, spiny, or bearing filamentous hairs or coralloid excrescences (subg. *Lecanopteris*) or translucent, dark-centred, circular, dense or sparsely set peltate scales (subg. *Myrmecopteris*). Always ant-inhabited. *Phyllopodia* usually distinct, hollow and prominent or solid and unprotruding. *Stipes* absent to elongate, glabrous, often dark brown. *Fronds* pale to dark green, simple to deeply pinnatifid, chartaceous to coriaceous, articulate to phyllopodia, distichous along rhizome, erect to ascending. Aborted fronds sometimes present as spines or excrescences in subg. *Lecanopteris*. Venation a complex network of areoles with included free veins. *Sori* rounded, immersed in the lamina, either in a single row on either side of the midrib and costae (subg. *Myrmecopteris*) or on round, oval or boat-shaped extra-marginal projections (subg. *Lecanopteris*). *Sporangia* on triseriate stalk; annulus longitudinal, interrupted and consisting of c. 13 thickened cells. Usually 64, rarely 16, spores per sporangium. *Spores* monolete, orange, smooth and translucent, filamentous in *L. mirabilis*.

Subgenus *Myrmecopteris*: Rhizome hollow or solid, densely covered with orbicular, dark-centred peltate scales with translucent margins which hide the rhizome colour. Rhizome does not blacken with age. Sori always immersed on the lamina. Rhizome usually, but not always, much-branched.

Species: *L. mirabilis*, *L. sarcopus*, *L. crustacea*, *L. sinuosa*.

Subgenus *Lecanopteris*: Rhizome always hollow, glabrous, except for an indumentum of scattered branched hairs and dark brown scales at the apices. Rhizome bright pale green, opalescent or glaucous when young, blackening with age. Sori immersed in re-curved extra-marginal lobes, except in *L. spinosa* and *L. balgooyi*, where they are immersed on the lamina. Rhizome always much-branched.

Species: *L. curtisii*, *L. pumila*, *L. celebica*, *L. carnosa*, *L. luzonensis*, *L. balgooyi*, *L. spinosa*, *L. holttumii*, *L. darnaedii*.

KEY TO THE SPECIES

- 1a. Rhizome with a dense or scattered covering of peltate scales which hide the rhizome colour
(subg. *Myrmecopteris*) 2
- 1b. Rhizome macroscopically glabrous, bright green when young, blackening with age (subg. *Lecanopteris*)..5
 - 2a. Rhizome solid, arched and plate-like; scales thinly scattered over its surface; fronds pinnatifid
..... 1. *L. mirabilis*
 - 2b. Rhizome completely or partly hollow, not arched and plate-like; densely covered with scales; fronds
pinnatifid or entire 3
 - 3a. Rhizome dimorphic, consisting of solid cylindrical frond-bearing main branches and hollow, ovate,
frondless side branches; peltate scales black-centred. Fronds pinnatifid 2. *L. sarcopus*
 - 3b. Rhizome monomorphic, hollow except for the apical 2- 3 cm; peltate scales black or brown centred.
Fronds pinnatifid or entire 4
 - 4a. Peltate scales brown-centred. Fronds pinnate; rhizome much-branched.....3. *L. crustacea*
 - 4b. Peltate scales black-centred. Fronds entire; rhizome much or little-branched.....4. *L. sinuosa*
 - 5a. Rhizome with a waxy sheen, glaucous, never spiny; extra-marginal sori boat-shaped
..... 5. *L. curtisii*
 - 5b. Rhizome green, with scattered or dense spines derived from aborted fronds or epidermal
outgrowths, hollow or solid, or with coralloid excrescences derived from aborted phyllopodia,
or spineless but bearing an indumentum of glandular hairs 6
 - 6a. Spines or excrescences derived from modified undeveloped fronds and replacing some
fronds, in two rows along the rhizome. A single gallery system within rhizome.
Phyllopodia hollow, protruding 7
 - 6b. Spines derived from epidermal outgrowths and densely covering rhizome. Two gallery
systems in rhizome. Phyllopodia solid, not protruding 11
 - 7a. Spines hollow. Fronds entire to pinnatifid 6. *L. balgooyi*
 - 7b. Spines solid, or replaced by coralloid excrescences. Fronds pinnatifid 8
 - 8a. Rhizome covered with short coralloid excrescences 1-3 cm long, derived from
modified undeveloped fronds 7. *L. carnosa*
 - 8b. Rhizome with a more or less dense covering of solid spines, no
excrescences 9
 - 9a. Large stout plants, rhizome diameter 2.5-3.5 cm. Fronds up to 1 m long.
Spines abundant on rhizome 8. *L. celebica*
 - 9b. Small to moderate sized plants rhizome diameter 1.5-2.5 cm. Fronds not
more than 45 cm long. Spines very sparse, never abundant 10
 - 10a. Rhizome bearing a dense indumentum of branched hyaline to brown
glandular hairs. Luzon 9. *L. luzonensis*

- 10b. Rhizome apices with an indumentum of scattered brown glandular hairs and scale. West Malesia 10. *L. pumila*
- 11a. Fronds entire with sori inserted on lamina in two rows on either side of rachis 11. *L. spinosa*
- 11b. Fronds pinnatifid with sori immersed on extra-marginal lobes or sessile on lamina 12
- 12a. Veins strongly sclerified, appearing black.
..... 12. *L. darnaedii*
- 12b. Veins slightly sclerified, appearing green.
..... 13. *L. holttumii*

Subgenus *Myrmecopteris*

1. *Lecanopteris mirabilis* (C. Chr.) Copel.

Fig. 2.

Univ. Calif. Pub. Bot. 16: 123 (1929) ('mirabile'), Gen. Fil.: 205 (1947). *Myrmecopteris mirabilis* (C. Chr.) Pic. Ser., in Webbia 31: 237 (1977). *Polypodium imbricatum* Karsten, in Ann. Bot. Jard. Buit. 12: 168 (1895), nom. illeg. non Liebm. (1849). *Polypodium mirabile* C. Chr., Ind. Fil.: 545 (1906), nom. nov. pro *Polypodium imbricatum* Karsten (1895) non Liebm. (1849). *Pleopeltis imbricata* Alderw., in Bull. Dept. Agric. Ind. Neerl. 27: 3 (1909), nom. nov. pro *Polypodium imbricatum* Karsten (1895) non Liebm. (1849). *Polypodium ulotheca* Brause, in Bot. Jahrb Syst. 56: 204 (1920). *Myrmecophila ulotheca* (Brause) Ching, in Sunyatsenia 5(4): 260 (1940). *Myrmecopteris ulotheca* (Brause) Pic. Ser., in Webbia 31: 237 (1977). Type: *Ledermann 12641*, New Guinea (B).

Rhizome solid, arched and plate-like, 10-20 cm wide, forming a domatium between the dark-coloured rhizome underside and the host tree surface, ant-inhabited, branching sympodial and occasionally lateral, with scattered dark-centred, orbicular, peltate scales 1-1.5 mm diam., denser on the rhizome edges and underside. *Phyllopodia* solid, not prominent. *Stipes* dark brown, 10-30 cm long, basal diameter 2-5 mm. *Fronds* dark green, deeply pinnatifid, winged at their bases, 10-15 x 30-90 cm, glabrous, coriaceous, monomorphic; apex and lobes rounded, lobes perpendicular to the rachis, basal lobes narrower than median ones; veins forming a series of areoles with a freely branching recurrent vein. *Sori* deeply immersed on lamina, 2 mm diameter, circular, in a single row on either side of the the main veins of the lamina lobes, forming projections 1 mm high on the upper frond surface. *Spores* filamentous, 75 x 60 µm; filaments 1300-1900 µm, 16 spores per sporangium.

Representative specimens: **New Guinea**: Croft 539, Bululo-Aseki road, 20 km east of Aseki, Morobe Province, montane rain forest, 2300 m asl. (LAE); Womersley NGF 24942, Awande, nr. Okapa, Eastern Highlands Province, *Castanopsis* rain forest, 5800 ft asl. (LAE); Gay 960, Mt Mon, Milne Bay Province, mid-montane rain forest (K).

2. *Lecanopteris sarcopus* (Teysm. & Binnend.) Copel.

Univ. Calif. Publ. Bot. 16: 123 (1929). *Drynaria lomarioides* J. Sm., in Hook. J. Bot. 3: 397 (1841), nom. nud.. *Polypodium lomarioides* Kunze ex Mett., in Abh. Senckenb. Naturf. Ges. 2: 102 pl. 2 (1856). *Pleopeltis*



Fig. 2. *Lecanopteris mirabilis*

A: mature fertile frond

D: peltate scales

B: rhizome

E: venation of fertile frond

C: rhizome apex

F: venation of sterile frond

Drawing by Jenni Marsh

lomarioides (Kunze ex Mett.) Copel., in Univ. Calif. Publ. Bot. 16: 123 (1929). *Myrmecopteris lomarioides* (Kunze ex Mett.) Pic. Ser., in Webbia 31: 240 (1977). Type: *Cuming* 243, Nueva Vizcaya, Luzon, Philippines (iso in BM, L, P, US). *Polypodium sarcopus* Teysm. & Binnend., in Natuurk. Ned. Ind. 29: 241 (1867). *Pleopeltis sarcopus* (Teyism. & Binnend.) Alderw., in Bull. Dept. Agric. Ind. Neerl. 27: 3 (1909). *Myrmecophila sarcopus* (Teyism. & Binnend.) Ching, in Sunyatsenia 5 (4): 259 (1940). *Myrmecopteris sarcopus* (Teyism. & Binnend.) Pic. Ser., in Webbia 31: 240 (1977). Type: *Teysmann and de Vries* 75, Manado, Minahassa, Sulawesi (iso in BM, K, L). *Polypodium sauvinieri* Baker, Ann. Bot. (1891), 480. Type: *De la Sauvinière* 382, "route de Sukur à Sawan", Minahassa, Sulawesi (K).

Rhizome creeping, dimorphic, consisting of solid, cylindrical, frond-bearing rhizomes 1-2 cm diameter which produce hollow, frondless lateral branches tapering at their apices, 2-3 cm diameter and forming an ant-inhabited domatium with a dark inner wall, much-branched; densely covered in translucent, orbicular, dark-centred, peltate scales, 1-2 mm diam. *Phyllopodia* solid, prominent, 1-1.5 cm high. *Stipes* 10-30 cm long, dark brown. *Fronds* mid-green, deeply pinnatifid, winged at their bases, 20-140 cm long, glabrous, coriaceous, monomorphic; apex and apices of lobes ovate; veins forming a series of areoles with a freely branching recurrent vein. *Sori* deeply immersed in lamina, 1-2 mm diameter, circular, in a single row on either side of the rachis and main veins, forming projections on the upper frond surface. *Sporangia* c. 500 µm long. *Spores* biconvex.

Representative specimens: **Sulawesi:** *Koorders* 17115b, Minahassa (L); *Hennipman* 6079, along Malili-Soroako road, nr Wasuponda, S Sulawesi, 440 m asl. (L); *Gay* 1262, Lake Matano, nr Soroako. **Philippines:** *Cuming* 241, 242, Luzon (K).

3. *Lecanopteris crustacea* Copel.

Univ. Calif. Pub. Bot. 12: 406 (1931). *Polypodium lomarioides* Kunze ex Mett., Farn. 1, Polypod. Tab. 2, Figs 18-19 (1856). *Pleopeltis lomarioides* (Kunze ex Mett.) Moore, in Ind. Fil.: 78 (1857). *Phymatodes crustacea* (Copel.) Holttum, Ferns of Malaya: 190 (1955). Type: *Burchard* 158, UC. 391610(UC.).

Rhizome creeping, hollow, forming an ant-inhabited domatium with a dark inner wall, much-branched, sub-dimorphic, 3-5 cm diameter; thickly covered in orbicular peltate scales 1-2 mm diameter with ferruginous centres and translucent edges. *Phyllopodia* solid, not prominent. *Stipes* 10-15 cm long, dark brown. *Fronds* mid-green, deeply pinnatifid, winged at their bases, 30-60 cm long, lobe and frond apices rounded, fertile fronds more deeply lobed than sterile fronds; veins forming a series of areoles with a freely branching recurrent vein. *Sori* circular, deeply immersed on lamina in a single row on either side of the rachis and main veins, forming projections 1 mm high on the upper lamina surface. *Spores* biconvex.

Representative specimens: **Sarawak:** *Richards* 2259, Mt Dulit, rain forest, 300 m asl. (K). **Sumatra:** *de Wilde & de Wilde Duyffjes* 19464, G. Leuser Forest Reserve, Aceh, recently logged forest (L). **Kalimantan:** *Kostermans* 9793, Mentawi

River, Balikpapan Dist., low wetland (BO).

4. *Lecanopteris sinuosa* (Wall. ex Hook.) Copel.

Fig. 3.

Univ. Calif. Pub. Bot. 12: 123 (1929). *Polypodium sinuosum* Wall. ex Hook., Spec. Fil. 5: 61, pl. 284 (1864) *Pleopeltis sinuosa* (Wall. ex Hook.) Beddome, Ferns of British India pl. 8 (1865); Alderw., in Bull. Dept. Agric. Ind. Neerl. 27: 3 (1909). *Phymatodes sinuosa* (Wall. ex Hook.) J. Sm., Ferns British and Foreign, 2nd ed.: 296 (1877). *Myrmecophila sinuosa* (Wall. ex Hook.) Nakai ex Ito, in J. Jap. Bot. 11: 98 (1935). *Myrmecopteris sinuosa* (Wall. ex Hook.) Pic. Ser., in Webbia 31: 240 (1977). Type: Wallich 2231, (K).

Rhizome hollow, forming an ant-inhabited domatium with a dark inner wall, stout, creeping, 1-2 cm diameter, little or much-branched, densely covered with orbicular, dark-centred peltate scales with translucent margins 1-2 mm diam. *Phyllopodia* hollow, prominent, 1-1.5 cm high. *Stipes* brown to green, 3-8 cm long. *Fronde*s mid to pale bright green, entire, occasionally slightly crenate (especially fertile fronds), winged at their bases, glabrous, 2-3 x 15-30 cm, coriaceous, monomorphic, apex rounded; veins forming a series of large areoles with a branching recurrent vein. *Sori* immersed, circular to rarely elliptical, in a single row on the lamina on either side of the rachis, 3-5 mm diameter, forming projections on the upper lamina surface. *Sporangia* c. 300 µm long. *Spores* biconvex.

Representative specimens: **New Guinea**: Croft 496, nr Agamoia, Fergusson Is., Milne Bay Province, disturbed lowland forest, 50 m asl. (LAE); Howcroft, Lae 64023, Wutung, Vaimo Subdistrict, on hoop pine, 800 m asl. (LAE). **Peninsular Malaysia**: Gay 1208, banks on S. Tahan, Taman Negara, 30 m asl. (K). **Sulawesi**: Darnaedi 1851, Lake Matano area, Soroako, S. Sulawesi (BO,L)

Subg. Lecanopteris.

5. *Lecanopteris curtisii* Baker

Fig. 4.

J. Bot. 19 (n. s.) 10: 366 (1881). *Lecanopteris saccata* Alderw., in Bull. Jard. Buit. 2 (23): 14 (1916). Type: Curtis, Sumatra, s. n., s. d. (K). *Lecanopteris philippinensis* Alderw., in Bull. Jard. Bot. Buit. 2 (1): 8 (1911). Type: Elmer 10491, Todaya District of Davao, Mt Apo (L, K, P iso). *Lecanopteris deparioides* (Ces.) Baker, in J. Bot. 19 n. s. 10: 366 (1881). *Polypodium deparioides* Christ, Farnkraute der Erde: 116 (1897), nom. illeg. non Baker (1879). *Davallia deparioides* Ces., Fel. di Bor.: 13 (1876). *Lecanopteris incurvata* Baker, in Ann. Bot. 8 (30): 123 (1894). Type: Hancock 88, Between Kroe and Liwa, Barisan Mts, Sumatra (K). *Lecanopteris macleayi* Baker, Malesia 2: 244 (1886). *Pleopeltis macleayi* (Baker) Alderw., in Bull. Dept. Agric. Ind. Neerl. 27: 2 (1909). *Polypodium barisanicum* Alderw., Malayan Ferns.: 627 (1908), nom. nov. pro *Lecanopteris incurvatum* Baker (1894) non *Polypodium incurvatum* Blume (1828). *Polypodium naviculare* Alderw., Malayan Ferns.: 627 (1908), nom. nov. pro *Lecanopteris curtisii* Baker (1881) non *Polypodium curtisii* Baker (1881). *Polypodium patelliferum* Burck., in Ann. Jard. Bot. Buit. 4: 96. Tab. 7 (1884).

Rhizome creeping, hollow, forming an ant-inhabited domatium with a dark inner wall, much branched, 2-3 cm diameter, glaucous with a waxy sheen, glabrous except for a scattering of scales at the apex. *Phyllopodia* prominent, 1-1.5 cm high, hollow. *Stipes* 10-25 cm long, dark brown. *Fronde*s mid-green, 10-20 x 30-70 cm,



Fig. 3. *Lecanopteris sinuosa*

- | | |
|------------------|------------------------------|
| A: fertile frond | D: peltate scales |
| B: rhizome | E: venation of sterile frond |
| C: rhizome apex | F: venation of fertile frond |

· Drawing by Jenni Marsh

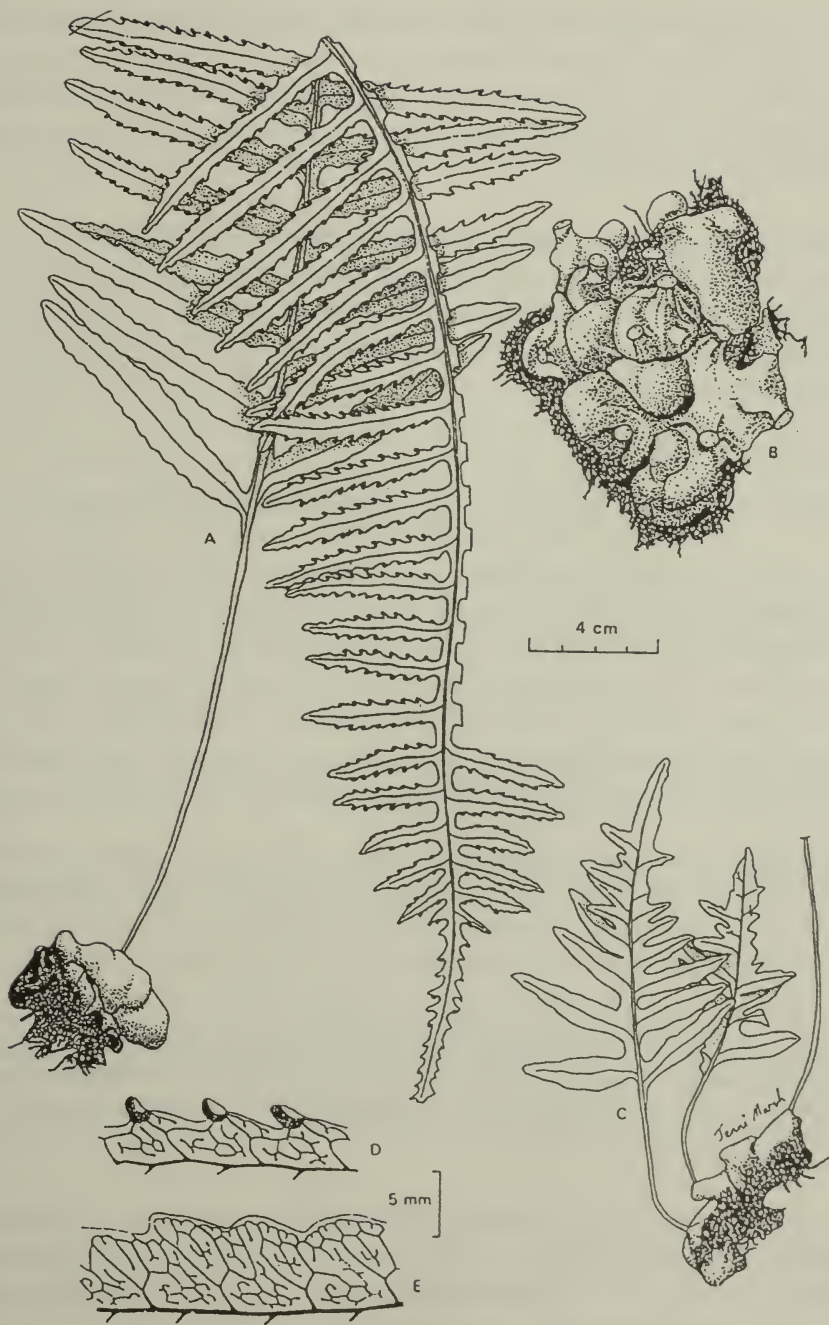


Fig. 4. *Lecanopteris curtisii*

- | | |
|------------------------------|-------------------------------|
| A: fertile frond | D: venation of fertile frond, |
| B: rhizome | showing boat-shaped sori |
| C: apical rhizome and fronds | E: venation of sterile frond |

Drawing by Jenni Marsh

deeply pinnatifid; winged at bases, apices of lobes rounded, lobed perpendicular to rachis, basal lobes not reduced, glabrous, chartaceous, glaucous on undersides; veins forming a series of areoles with freely branching recurrent veins. *Sori* on extramarginal teeth, immersed in boat-shaped involucre, each tooth supplied by a main vein. *Spores* biconvex.

Representative specimens: **New Guinea:** *Jacobs 9148*, 20 km SSW of Lake Kutubu, Southern Highlands Province, primary forest on limestone (LAE); *Womersley, NGF 13856*, Wagau, Hersog Mts, Morobe Province, 3800 ft asl. (LAE). **Java:** *Docters van Leeuwen 11571*, "by Buitenzorg" (L). **Sumatra:** *Yates 2334*, Toetepan, Tapanoeli (L).

6. *Lecanopteris balgooyi* Hennipman

Kew Bull. 41: 783 (1986). Type: *Hennipman 5650*, Sopo Valley, C. Sulawesi (L, holo: BO, K, U iso).

Rhizome creeping, hollow, forming an ant-inhabited domatium with a dark inner wall, much-branched, 2-3 cm diameter, glabrous, with hollow spines homologous with undeveloped fronds on the phyllopodia. *Phyllopodia* hollow, prominent. *Stipes* dark brown. *Fronds* bright green, entire to pinnatifid, winged at their bases, apices of lobes rounded, 25-45 cm long, glabrous, chartaceous. *Sori* deeply immersed on lamina in a single row on either side of rachis or the main vein in pinnatifid fronds. *Sporangia* c. 900 µm long. *Spores* bi- to planoconvex.

Representative specimens: **Sulawesi:** *Hennipman 5650*, Sopo Valley (Type), *Hennipman 6059*, Mt Wawonseru, S.W. of Soroako, 1000 m asl (L, BO, K, U).

7. *Lecanopteris carnososa* (Reinw.) Blume

Enum. Fl. Javae Fil. (1829) pl. 94a; *Becc., Malesia* 2: 224 (1886); *C. Chr., Ind. Fil. Suppl.* 1: 117 (1913). *Onychium carnosum* Reinw., in *Sylog. Plant.* 2: 3 (1824). *Polypodium lecanopteris* Mett., in *Ann. Mus. Lugd. Bat.* 2: 224 (1886), nom. nov. pro *Onychium carnosum* non *Polypodium carnosum* Mett. (1857). *Pleopeltis carnososa* (Reinw.) Alderw., in *Bull. Dept. Agric. Ind. Neerl.* 27: 3 (1909). *Polypodium carnosum* H. Christ, in *Verh. Nat. Ges. Basel* 11: 26, nom. illeg. (1895) non Mett. (1857). Type: *Reinwardt s. n., s. d.*, Minahassa, Sulawesi (L, holo; BM, iso)

Rhizome creeping, hollow, forming an ant-inhabited domatium with a dark inner wall, much-branched, 1.5-2.5 cm diameter, covered with an indumentum of branched glandular hairs. *Phyllopodia* prominent, hollow, some bearing coralloid excrescences homologous with undeveloped fronds. *Stipes* dark brown, 10-20 cm long. *Fronds* mid-green, chartaceous, glabrous, deeply pinnatifid, winged at their bases, apices of lobes rounded, 30-90 cm long. *Sori* circular, deeply immersed on orbicular extra-marginal lobes, 2-3 mm long. *Sporangia* c. 1250 µm long. *Spores* planoconvex.

Representative specimens: **Sulawesi:** *Alston 15637*, G. Mahawu, 900 m asl. (BM);

de Vogel & Vermeulen 7141, Bolaang Mongondow, N. Sulawesi (L).

8. *Lecanopteris celebica* Hennipman

Blumea 32 (2): 313 (1987). Type: *Hennipman 5665*, nr Biromaru, Central Sulawesi, 1000-1250 m asl. (L, holotype; BM, BO, U, iso).

Rhizome creeping, 2.5-3.5 cm diameter, hollow, forming an ant-inhabited domatium with a dark inner wall, much-branched, covered with an indumentum of branched glandular hairs to 1 mm long at the apices, and scattered solid spines 2-3 mm long homologous with undeveloped fronds. *Phyllopodia* hollow, 1-1.5 cm high. *Stipes* dark brown, 10-20 cm long. *Fronds* mid-green, chartaceous, glabrous, deeply pinnatifid, winged at their bases, apices of lobes rounded, 40-90 cm long; veins anastomosing, areoles with recurrent free veins. *Sori* circular, deeply immersed on orbicular extra-marginal lobes, each lobe supplied by a main vein, 2-3 mm diameter. *Sporangia* c. 1000 µm long. *Spores* planoconvex.

Representative specimens: **Sulawesi**: *Hennipman 5993*, Mt. Wawonseru, nr Soroako (BO, L, U); *Gay 1250*, Sopa Valley, 80 km south-east of Palu, 1000 m asl.

9. *Lecanopteris luzonensis* Hennipman

Blumea 32: 311 (1987). *Lecanopteris carnosa* auct. non. (Reinw.) Blume; Copeland, *Fern Flora of the Philippines* 3: 499 (1960). Type: *Hennipman 7820*, Quezon Province, nr Real, Luzon (L).

Rhizome creeping, 1.5-2.5 cm diameter, hollow, forming an ant-inhabited domatium with a dark inner wall, much-branched, apices covered with an indumentum of branched glandular hairs, and scattered solid spines homologous with undeveloped fronds. *Phyllopodia* hollow, prominent, 1-1.5 cm high. *Stipes* dark brown, 5-10 cm long. *Fronds* bright green, chartaceous, glabrous, deeply pinnatifid, winged at their bases, apices of lobes acute to rounded, 12-45 cm long; veins anastomosing, areoles with recurrent free veins. *Sori* oval, deeply immersed on reflexed extra-marginal lobes, each lobe supplied by a main vein, 1.5-2 mm diam.. *Sporangia* c. 1000 µm long. *Spores* biconvex.

Representative specimens: **Philippines**: *Whitford 334*, Mt Mariveles, Batan Province (K, Mich, NY, P); *Elmer 22092*, Camp Stotsenberg, Mt Pinatubo, Pampanga (BM, K, L, NY); *Loher 13430*, Paningtingan, Rizal Province (M).

10. *Lecanopteris pumila* Blume.

Flora Javae Fil., pl. 94b (1829) (sin. desc.). *Lecanopteris nieuwenhuisenii* Christ., in *Ann. Jard. Bot. Buit.* 20: 127 (1899). Type: *Nieuwenhuisen 496*, Batoe Lesong, Borneo (K).

Rhizome creeping, hollow, forming an ant-inhabited domatium with a dark inner wall, much-branched, 1.5-2.5 cm diameter, with scattered scales and branched hairs

to 1 mm long at apices but otherwise glabrous. *Phyllopodia* hollow, prominent, 1-1.5 cm high. Stipes dark brown, 7-10 cm long. *Fronde*s bright green, chartaceous, glabrous, deeply pinnatifid, winged at their bases, apices of lobes rounded, 4-6 x 20-40 cm; veins anastomosing, areoles with recurrent free veins. *Sori* circular, deeply immersed on orbicular extra-marginal lobes, each lobe supplied by a main vein, 2-3 mm diameter. *Spores* biconvex.

Representative specimens: **Peninsular Malaysia:** *Henderson 11072*, Rhododendron Hill, Cameron Highlands, Pahang, 5200 ft asl. (SING); *Gay 1078*, G. Beremban, Cameron Highlands, Pahang, 1600 m asl. (K.); *Henderson 11817*, G. Hijau, Perak, 4750 ft asl. (SING). **Borneo:** *Jermy 13247*, G. Mulu, Sarawak, 1790 m asl. (BM).

11. *Lecanopteris spinosa* Jermy & Walker

Fern Gaz. 11: 167 (1975). Type: *Jermy 7609*, Latimojong Mts, South Sulawesi, 1950 m asl. (BM holo; BO, GH, L iso).

Rhizome creeping, hollow, forming an anti-inhabited domatium with a dark inner wall, much-branched, 2.5-3.5 cm diamter, densely covered with sharply pointed spines up to 6 mm long which are epidermal outgrowths. *Phyllopodia* solid, not prominent. *Stipes* short to absent, winged if present. *Fronde*s bright green, coriaceous, glabrous, lobed to entire and crenate, apices rounded, 20-30 cm long; veins anastomosing, areoles with included free veinlets. *Sori* circular, deeply immersed on lamina, forming projections on its upper surface, 2-3 mm diameter. *Spores* monolete.

Representative specimens: **Sulawesi:** *Jermy 7609* (type); *Walker T. 12179* (BM), Latimojong Mts, locality as type.

12. *Lecanopteris darnaedii* Hennipman

Kew Bull. 41: 785 (1986). Type: *Hennipman 5322*, Mt Roroka Timbu, Central Sulawesi, 2425 m asl. (L, holo; BO, K, U, iso).

Rhizome creeping, hollow with two gallery systems, forming an anti-inhabited domatium with a dark inner wall, much-branched, of massive construction, 3.5-4.5 cm diam., densely covered with sharply pointed spines 2-3 mm long which are epidermal outgrowths. *Phyllopodia* solid, not prominent. *Stipes* dark brown, 15-25 cm long. *Fronde*s dark green, coriaceous, glabrous, deeply pinnatifid, winged at their bases, apices of lobes rounded, 20-80 cm long; veins strongly sclerified, appearing black. *Sori* circular, immersed on unstalked reflexed extra-marginal lobes, 3 mm diam. *Sporangia* c. 900 µm long. *Spores* monolete, 55-65 by 35-45 µm.

Representative specimens: **Sulawesi:** *Darnaedi 1564* (BO, K, L); *Hennipman 5322*

(type); Gay 1260, all Mt Roroka Timbu, Central Sulawesi, 2300-2500 m asl. (K).

13. *Lecanopteris holttumii* Hennipman

Blumea 32: 313 (1987). Type: Lack & Grimes 1743, Mt Tambusisi, Morowali Province, East Central Sulawesi (K).

Rhizome creeping, hollow with two gallery systems, forming an ant-inhabited domatium with a dark inner wall, much-branched, of massive construction, 3.5-4.5 cm diam., densely covered with sharply pointed spines 2-3 mm long which are epidermal outgrowths. *Phyllopodia* solid, not prominent. *Stipes* dark brown, 15-25 cm long. *Fronde*s dark green, coriaceous, glabrous, deeply pinnatifid, winged at their bases, apices of lobes rounded, 20-80 cm long; veins hardly sclerified, appearing green. *Sori* circular, immersed on unreflexed, stalked extra-marginal lobes, 3 mm diam. *Sporangia* c. 900 µm long. *Spores* monolet.

Representative specimen: Type specimen.

Distribution

Lecanopteris is largely confined to Malesia; only *L. sinuosa* has a range extending marginally beyond the borders of this floristic region (Figs 5-8). Wallace's Line is a convenient means of demarcation for subg. *Myrmecopteris* apart from *L. sinuosa*; *L. mirabilis*, *L. sarcopus* and *L. crustacea* are allopatric species. *Lecanopteris mirabilis* is found east of Wallace's Line in New Guinea, Ambon and Seram, *L. crustacea* to its west, in Borneo, Sumatra and Peninsular Malaysia, and *L. sarcopus* on either side of this floristic divide. *Lecanopteris sarcopus* occurs in Sulawesi, whose biota has Australian affinities, and in the Philippines, where Asian elements predominate in the flora. *Lecanopteris sinuosa* is found throughout Malesia, and extends into southern Taiwan, Queensland (Australia), Vanuatu and the Solomon Islands (Fig. 5).

Subgenus *Lecanopteris* consists of three species groups. The *L. curtisii* group contains a wide-ranging species, *L. curtisii*, found in New Guinea, Borneo, Java and Sumatra, and the Philippines. The New Guinean form of *L. curtisii* may be given specific rank, *Lecanopteris philippinensis* is sunk into *L. curtisii* (E. Hennipman unpub.). Here the group is treated as one wide-ranging, disjunct species, *L. curtisii* s.l. (Fig. 6).

The *L. pumila* group outside Sulawesi consists of *L. luzonensis*, endemic to the Philippines, and the wide-ranging *L. pumila*, which occurs in Peninsular Malaysia, Borneo and Sumatra. This group is most speciose in Sulawesi, where the endemics *L. balgooyi*, *L. celebica* and *L. carnosa* are found. *Lecanopteris carnosa* occurs in northern Sulawesi. *Lecanopteris celebica* and *L. balgooyi* are sympatric at their only two known localities in central Sulawesi, but seem to be ecologically

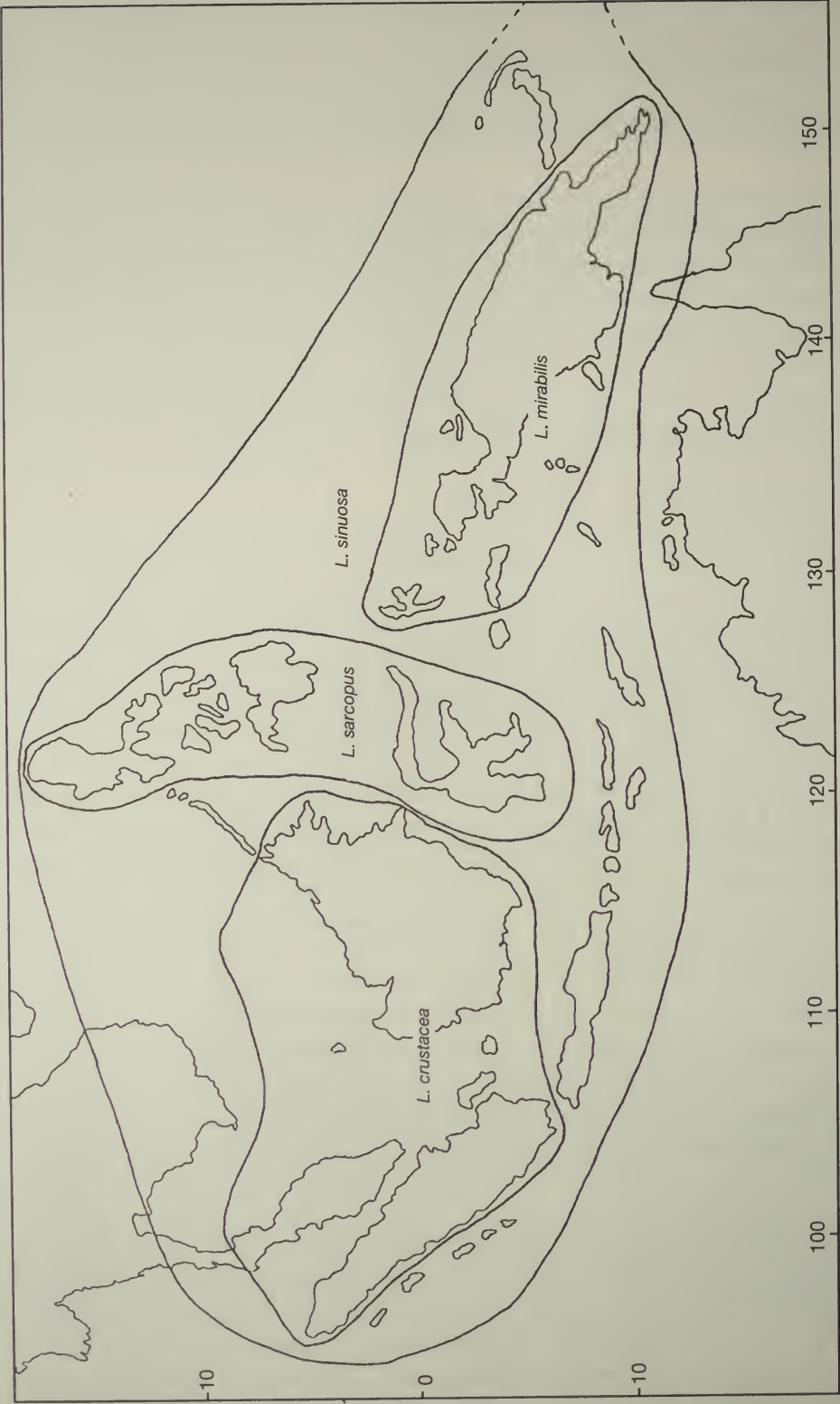


Fig. 5. The distribution of subgenus *Myrmecopteris*

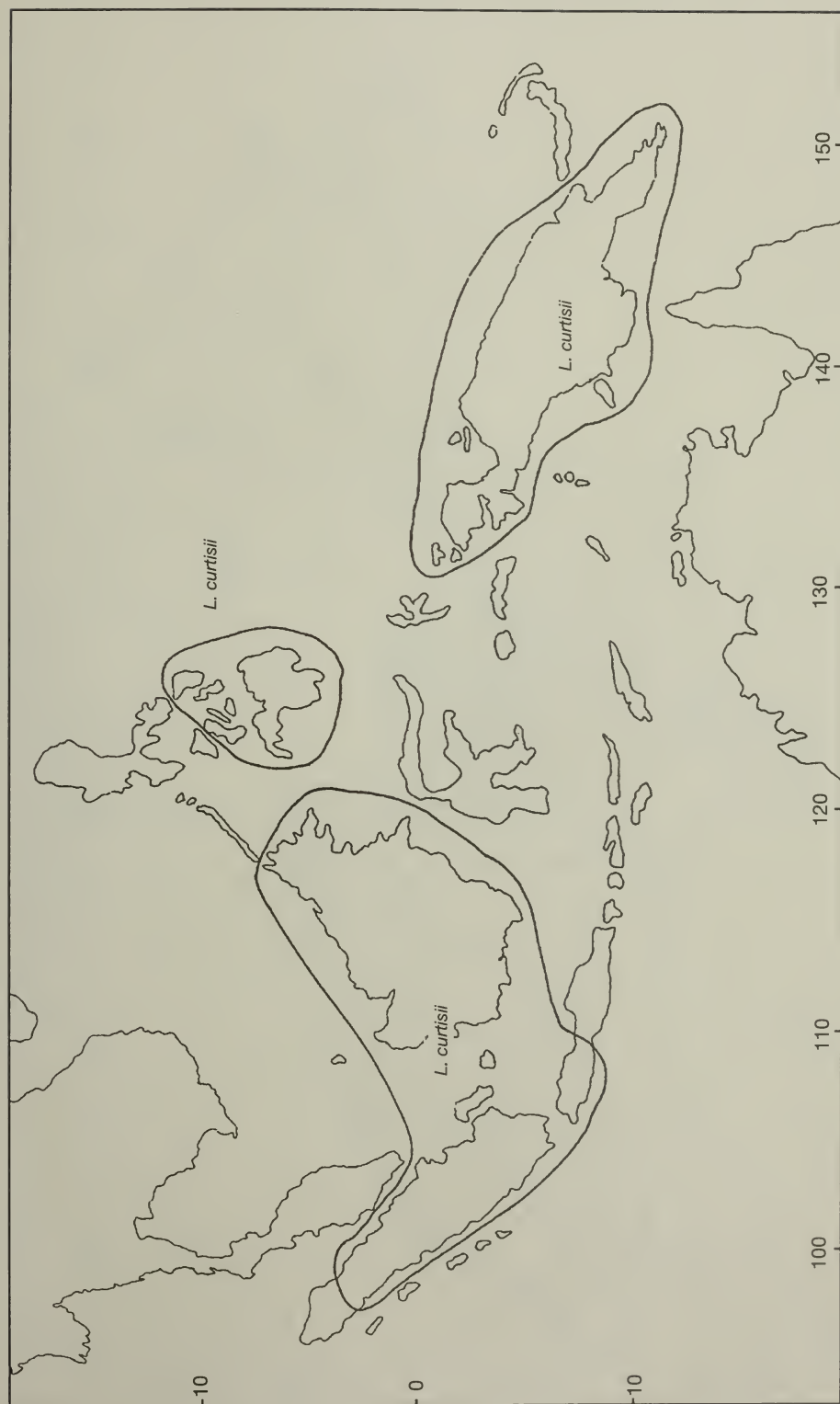


Fig. 6. The distribution of the *Lecanopteris curtisii* group

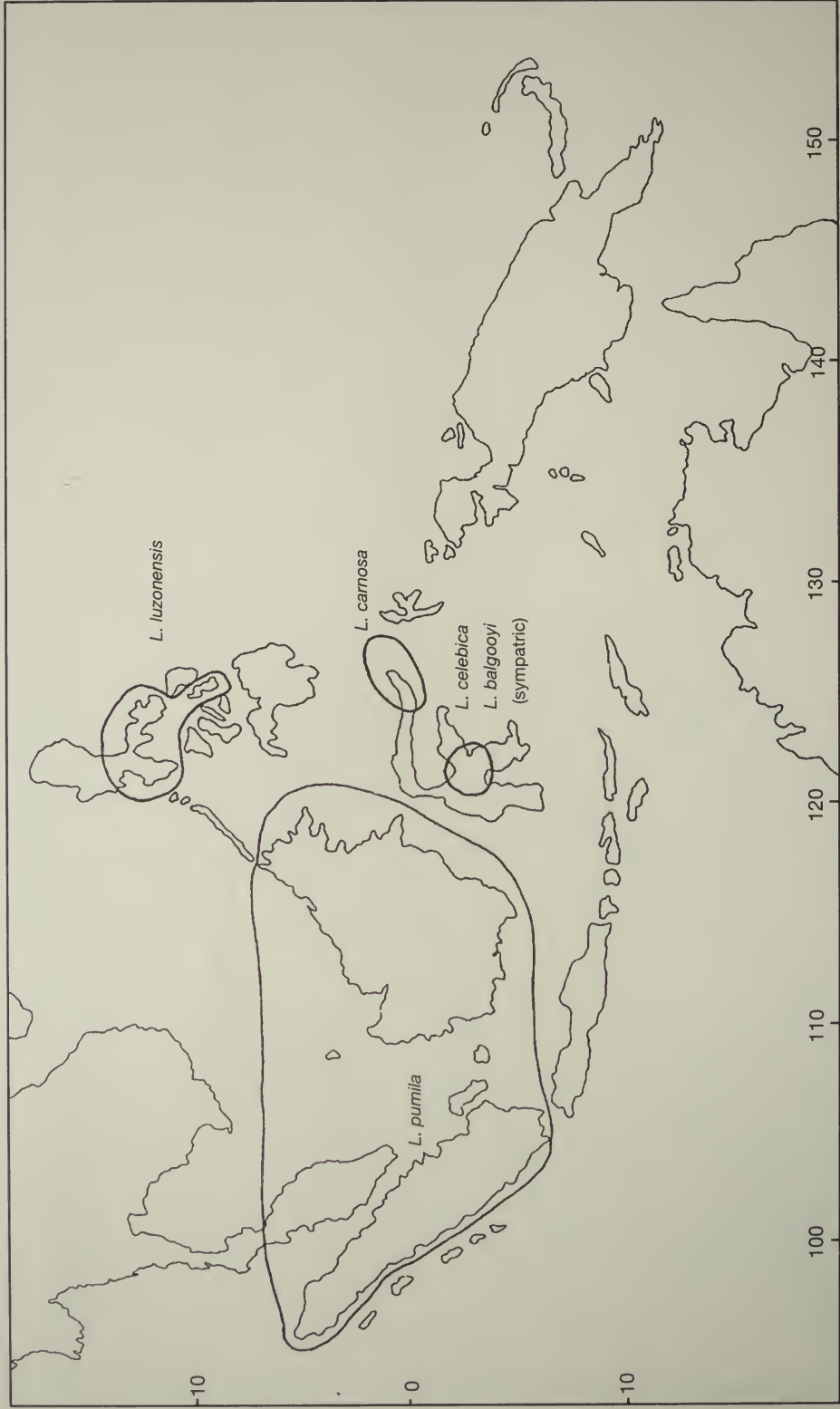


Fig. 7. The distribution of the *Lecanopteris pumila* group

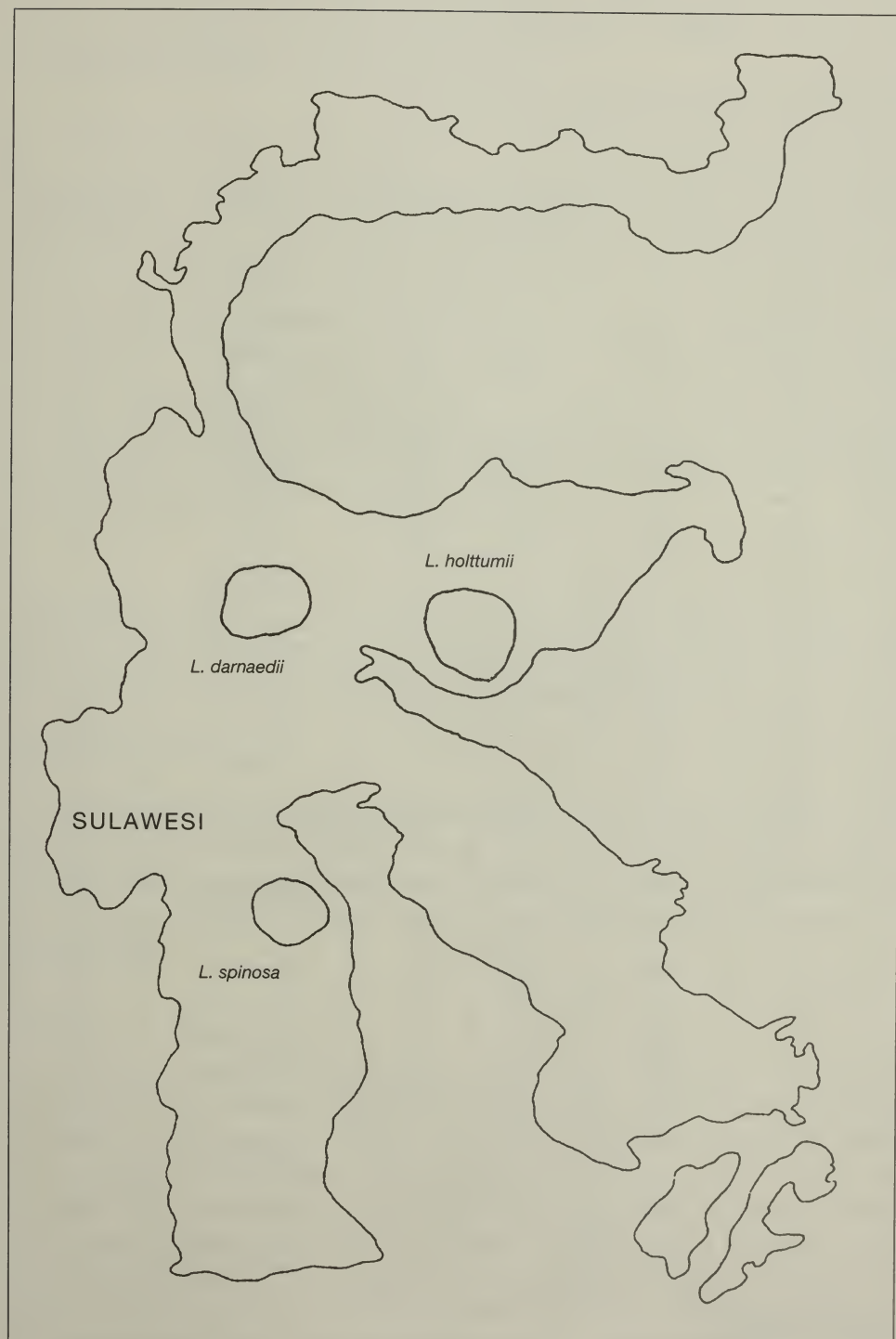


Fig. 8. The distribution of the *Lecanopteris darnaedii* group

Table 1: The physical nature of the field sites.

Climatic data was obtained from "Maps of New Guinea", an Office of Forests publication for Papua New Guinea, and from Walter and Leith (1967) for the other sites.

Site abbreviations are given in Appendix 2.

Species	Site	Alt. (m)	Rainf. (mm)	Temp. (°C)	Soil type	No. of plants
<i>L. sin</i>	LK	700	****	**	limestone-derived, thin	108
<i>L. sin</i>	BR	0-50	2097	27	alluvial, coarse	121
<i>L. sin</i>	KK	0-30	2482	28	volcanic	36
<i>L. sin</i>	B	150	3968	27	siliceous, acid, thin	63
<i>L. sin</i>	N	470	3406	28	siliceous	9
<i>L. sin</i>	BAD	50	3187	27	siliceous	20
<i>L. sin</i>	BF	50	3159	27	alluvial	7
<i>L. sin</i>	KT	40	2989	27	alluvial	6
<i>L. sin</i>	GP	600	2784	27	waterlogged, over sandstone	4
<i>L. sin</i>	GJ	800	357	**	quartzite and granite derived	3
<i>L. mir</i>	R	2200	2622	21	brown loam	47
<i>L. mir</i>	MM	2000	****	**	brown loam	51
<i>L. cur</i>	MB	700	****	**	volcanic	13
<i>L. cru</i>	BB	20	3406	28	peaty, waterlogged	1
<i>L. cru</i>	KTH	30	****	**	alluvial	6
<i>L. pum</i>	GBB	1500	****	**	quartzite derived, thin	14
<i>L. pum</i>	CH	1400-1850	2644	18	brown loam	54
<i>L. pum</i>	BH	1600	3088	21	brown loam	63
<i>L. pum</i>	FH	1400	2616	20	brown loam	33
<i>L. pum</i>	GT	1800	2819	18	thin, impoverished	22
<i>L. pum</i>	K	1900	3239	19	brown loam	19
<i>L. cel</i>	SV	700	****	**	alluvial	30
<i>L. cel</i>	MW	600	****	**	limestone-derived, thin	19
<i>L. dar</i>	MRT	2300	****	**	brown loam	10
<i>L. sar</i>	LM	400	****	**	sandy, alluvial	12

* = data not available

separated. All other species in the *L. pumila* group are allopatric (Fig. 7). All three species comprising the *L. darnaedii* group are endemic to Sulawesi, known only from their type localities, and are allopatric (Fig. 8).

The centre of diversity of *Lecanopteris* is undoubtedly Sulawesi, where eight of the 13 species, including six endemics, are found. This is paradoxical in terms of the pteridophyte biogeography of Malesia. New Guinea has the greatest diversity of pteridophytes, containing 2000 species compared with 1000 in Borneo (Parris 1985). Three species of *Lecanopteris* occur in New Guinea: *L. mirabilis*, *L. sinuosa* and *L. curtisii*; Borneo contains the latter two species, and also *L. pumila* and *L. crustacea*. All these species are found in Peninsular Malaysia except for *L. mirabilis* and *L. curtisii*. The Philippines have an endemic, *L. luzonensis*, which has strong affinities with *L. pumila*; *L. sarcopus*; the wide-ranging *L. sinuosa*; and *L. curtisii* s. l. (syn.: *L. philippinensis*). *Lecanopteris* is poorly represented on Java, where only the widespread *L. sinuosa* and *L. curtisii* occur. The distribution of *Lecanopteris* in relation to its speciation is considered below.

Ecology

The most apparent feature of the ecology of *Lecanopteris* is its interaction with ants. This however is only one component of the constraints and requirements which determine its geographical and environmental distribution.

The abiotic environment

The abiotic environment of epiphytes is partly mediated by their host trees and may bear little relation to conditions on the forest floor or in the canopy. Table 1 shows physical features of habitats where *Lecanopteris* was recorded. The ecology of *L. sinuosa* (402 plants) and *L. pumila* (206 plants) has been documented in greatest detail.

Climate

The only member of *Lecanopteris* with a range extending into seasonal habitats is *L. sinuosa*. It occurs in Southeast Thailand, north of the Kra Isthmus, which is a major climatic and floristic divide, separating the moist tropics from seasonal regions. Within the tropics, this species is known from the seasonal savannahs of Central and Western Provinces, Papua New Guinea, and Bako heath forest, Sarawak, which have pronounced dry seasons of three to five months (Paaijmans 1976). Moisture stress in plants is related to the soil's capacity to absorb and retain water as well as the amount of precipitation; although the ridgetop vegetation inhabited by *L. pumila* in Malaysia has high and even rainfall (Table 1), the thin siliceous soil and steep topography causes periodic water shortage (Whitmore 1984).

Lecanopteris mirabilis is confined to moist, cloudy mid-montane forest, and *L. crustacea* to lowland evergreen and swamp forests. All the Sulawesi species are found in montane environments with a seasonal rainfall, except *L. sarcopus*, which inhabits ever-wet lowland and hill areas, as does *L. curtisii* in Papua New Guinea.

Daytime temperatures are high and equable in the habitats of all species (18–28°C). Altitude rather than latitude causes a decrease in temperature in the upper elevations of the range for *L. mirabilis*, *L. darnaedii* and *L. pumila* (Table 1). Within the tropics, precipitation is a greater limiting factor than temperature in determining colonisable habitats.

Soil nutrient status

In certain environments such as savannah, ridge forest and heath forest the nutrient-poor conditions are a contributory factor allowing wide-ranging *Lecanopteris* species to become locally dominant on the stunted vegetation; otherwise no *Lecanopteris* species has its geographical or ecological distribution curtailed by dependence on presence of an impoverished soil.

Lecanopteris sinuosa is found in a wide range of vegetation types, and its dominance varies greatly. It is most abundant in fire maintained or oligotrophic environments such as the savannahs of Western Province, Papua New Guinea and Bornean heath forest. The preponderance of nutritive myrmecophytism in nutrient-poor habitats has been described by Janzen (1974) and Thompson (1981), and is considered in more detail below. However *L. sinuosa* was not universally common in nutrient-constrained habitats: it was never abundant in peat-swamp forest, which does not harbour the myrmeco-epiphytic communities of heath forest, and was rare in the siliceous-soiled heath forests at Nabawan (Brunei) and G. Panti (Peninsular Malaysia).

Few other *Lecanopteris* species occur in nutrient-poor habitats. *Lecanopteris crustacea* was collected at Badas swamp forest, Brunei (Gay s. n.), and regularly inhabits waterlogged forest (Fr. E. Schmutz 4930; Anderson 8544, Borneo). *Lecanopteris pumila* is a dominant epiphyte in the stunted vegetation of impoverished quartzite ridgetop soils in Peninsular Malaysia, but is also abundant in mid-montane environments. *Lecanopteris curtisii* has been collected from limestone ridges around Lake Kutubu, Papua New Guinea (Jacobs 9184), but again is not restricted to such sites. *Lecanopteris sinuosa* and *L. pumila* are abundant at some oligotrophic sites, but *L. crustacea* and *L. curtisii* are scarce.

Table 2: The range of vegetation types inhabited by *Lecanopteris*

Species	1	2	3	4	5	6	7	8	9	10
<i>L. mirabilis</i>	-	-	+	+	-	-	-	+	-	-
<i>L. sarcopus</i>	-	-	+	+	-	-	-	-	+	+
<i>L. crustacea</i>	+	+	-	-	-	-	-	-	-	-
<i>L. sinuosa</i>	+	+	-	-	-	+	+	+	+	+
<i>L. curtisii</i>	-	-	+	+	-	-	-	-	-	+
<i>L. pumila</i>	-	-	-	+	+	-	-	-	+	+
<i>L. luzonensis</i>	-	-	-	+	+	-	-	-	?	?
<i>L. balgooyi</i>	-	-	+	-	-	-	-	-	-	-
<i>L. celebica</i>	-	-	+	-	-	-	-	-	+	+
<i>L. carnosa</i>	-	-	+	+	-	-	-	-	?	?
<i>L. spinosa</i>	-	-	-	+	-	-	-	-	-	-
<i>L. darnaedii</i>	-	-	-	+	-	-	-	-	-	-
<i>L. holttumii</i>	-	-	-	+	-	-	-	-	-	-

Key

- 1 = lowland rain forest
- 2 = swamp forest
- 3 = lower montane or hill forest
- 4 = mid-montane forest
- 5 = summit or ridgetop vegetation
- 6 = heath forest
- 7 = savannah
- 8 = mangrove swamps
- 9 = man-disturbed vegetation
- 10 = secondary re-growth
- + = recorded from vegetation
- = not recorded
- ? = likely to be present but not recorded

The biotic environment

Vegetation types inhabited by *Lecanopteris*

Table 2 shows that the habitats of the entire genus span a wide range of forest types described by Whitmore (1984). Some species, such as *L. darnaedii*, are restricted to a single forest type, and others such as *L. sinuosa* and *L. sarcopus* have a wide ecological tolerance. Formations in which *Lecanopteris* is rare are described briefly; for more detailed descriptions, see Whitmore (1984).

Wet lowland forests

Lowland rain forest is not considered an abundant or diverse habitat for ant-

epiphytes, although understorey trees such as *Aphanamixis myrmecophila* (Meliaceae), *Leonardoxa africana* (Leguminosae) and *Barteria fistulosa* (Passifloraceae) are common. Few ant-epiphytes have been recorded from Malesian lowland rain forest; only one infrequently collected species of *Lecanopteris* is regularly found, *L. crustacea*, and *L. sinuosa* have rarely been collected there. The infrequency of *L. crustacea* may partly be a function of its inaccessibility in tree crowns 50 m high. Seventeen fallen rhizomes were found on the forest floor around Kuala Tahan, Taman Negara, Peninsular Malaysia, indicating that *L. crustacea* may be locally common. This forest was dipterocarp-dominated and 35 - 40 m in height. Canopy epiphytes were abundant, but there were few on trunks and lower branches. It has also been recorded as a canopy epiphyte from lowland mixed dipterocarp forest in the Danum Valley, Sabah (Parris 10777).

Freshwater swamp forest is a frequent habitat of *L. crustacea* (Kostermans 9793). This formation is similar to lowland rain forest, but with some marked differences: the canopy is lower, and species composition tends towards dominance by few or a single species (*Shorea albida* (Dipterocarpaceae) in Borneo; *Camposperma brevipetiolatum* (Lauraceae) in Papua New Guinea). Inundation in these forests is periodic and usually due to flooding of rivers. The fern *Platyserium ridleyi* (Polypodiaceae) has been collected twice in association with *L. crustacea* and its ants (*Camus* 660, Borneo, Franken & Roos 341, Sumatra), and may participate in a 'loose' antplant mutualism, as suggested by the observations of Paterson (1982). *Platyserium ridleyi* has no domatium, but produces nectar from nectaries on its fronds. *Lecanopteris sinuosa* was infrequently found in freshwater swamp forest in Western Province, Papua New Guinea (Gay s. n.). These are the only *Lecanopteris* species recorded from freshwater swamp forest, and are also known from riverine forest (*L. crustacea*, Hirano and Hotta 177). *Lecanopteris sinuosa* was found on the banks of the Binaturi River, Western Province, Papua New Guinea, and *L. crustacea* on the S. Tahan, Peninsular Malaysia (both Gay s. n.). Such forest is similar to rain forest, but less dense and of lower stature (25 - 35 m). Epiphytes are abundant on trunks and branches as well as in the crowns.

Moist lowland forest does not contain great abundance or diversity of *Lecanopteris* species. Only *L. crustacea*, which is confined to these formations, and *L. sinuosa*, which is infrequently found there as a function of its generalist ecology, are represented.

Montane forest

The greatest diversity of *Lecanopteris* is found at altitudes of 1000 - 2000 m: *L. pumila* in Peninsular Malaysia and Borneo; *L. curtisii* in New Guinea, Sumatra and the Philippines; *L. mirabilis* in New Guinea; *L. spinosa*, *L. darnaedii*, *L. carnosae*, *L. holttumii*, *L. celebica* and *L. balgooyi* in Sulawesi. The habitats in which they occur span lower montane forest for *L. curtisii*, *L. celebica* and *L. balgooyi*; mid-

montane forest for *L. darnaedii*, *L. holttumii*, *L. spinosa*, *L. carnosa* and *L. mirabilis*, and stunted ridgetop forest for *L. pumila*.

Lower montane forest is shorter than lowland forest (15 - 35 m), and begins at 800 - 1000 m in mountain ranges. Epiphytes are abundant and there are few big woody climbers. *Lecanopteris curtisii* inhabits this formation locally in New Guinea (e.g. on Mt. Bosavi), as does *L. celebica* in South Sulawesi (Mt. Wawonseru) and *L. mirabilis* in Seram. Individuals seen were usually in tree crowns.

Lecanopteris darnaedii in Sulawesi and *L. mirabilis* in Papua New Guinea were found in mid-montane forest (c. 2000 m asl.), with a canopy height of 20 - 25 m. This forest type was similar to lower montane forest apart from dominance of a few tree species (*Castanopsis acuminatissima* in the highlands of New Guinea, *Agathis damar* on Mt. Roroka Timbu, Sulawesi), and more abundant epiphytes.

Stunted ridgetop forest inhabited by *L. pumila* was found at 1500 - 1800 m in the Genting Highlands (G. Bunga Buah), the Cameron Highlands (G. Beremban), and G. Tahan (all in Peninsular Malaysia). Exposure and moisture stress, rather than the sole effect of altitude, contribute to nutrient impoverishment and cause stunting of vegetation. The summit/ridgetop nature of the vegetation was similar at all sites: the canopy was 5 - 8 m high, tree cover was not continuous, and *L. pumila* was an abundant or dominant epiphyte. Ericaceae dominated the tree flora (*Vaccinium* and *Rhododendron* spp.); *Dacrydium deccarii* (Podocarpaceae) was also common. The vegetation was microphyllous and sclerophyllous. Ground cover was a dense thicket of rhizomatous ferns such as *Matonia pectinata* (Matoniaceae) and *Dipteris conjugata* (Polypodiaceae).

Lecanopteris has never been found above the tree line. This may seem self-evident for an epiphyte, but *Myrmecodia lamii* grows on the ground at 3600 m on Doormantop, Irian Jaya (Jebb 1985).

Impoverished or disturbed habitats

Mangrove swamps, forest on limestone, savannah, heath forest and secondary forest are all either nutrient-poor or have had their structure and species composition affected by human activity.

Lecanopteris sinuosa and *L. mirabilis* are the only members of the genus known from mangrove swamps: *L. sinuosa* was recorded from Bako, Sarawak, and near Lae, Papua New Guinea (both Gay s. n.), and *L. mirabilis* from Air Besar, Seram (B.S. Parris pers. comm.). *Lecanopteris sinuosa* was not abundant at either locality, and absent from mangrove swamps in Madang, where *Hydnophytum* is found, in Western Province, Papua New Guinea, and Sungei Buloh, Peninsular Malaysia.

Lacustrine limestone forest around Lake Kutubu, Papua New Guinea, had abundant in *L. sinuosa*, especially at the lake edge. The canopy was 5 - 11 m, and tree cover was not dense. Epiphytes were abundant, and *L. sinuosa* frequently covered branches or entire trees. Limestone forest at Mulu, Sarawak, yielded no *L. sinuosa*, which has not been recorded there. *Lecanopteris curtisii* has been collected from *Nothofagus*-dominated limestone ridges at 100 m asl around Lake Kutubu (Jacobs 9148).

The savannah in Western Province, Papua New Guinea, is referred to by Whitmore (1984) as monsoon forest, but the locality studied around the Binaturi River was grassland with trees rather than continuous tree cover. The accepted origin for the southern savannahs and seasonal forests of New Guinea is that they result from gradual degradation by burning of pre-existing alluvial forest. Whether the present cover is treeless grassland, scattered trees or open forest depends on the frequency and intensity of the burning (Paaismans 1976). The most striking feature of these savannahs is the great abundance of myrmeco-epiphytes: *Myrmecodia tuberosa*, *Hydnophytum mosleyanum*, *Lecanopteris sinuosa*, *Dischidia rafflesiana* and *D. nummularia*. The myrmecophytic aspect of this vegetation is considered below. *Lecanopteris sinuosa* is a common and locally dominant epiphyte. In the locality studied, tree crowns did not touch one another and trunks were 3-10 m apart. The dominant tree species were *Eucalyptus* spp., *Melaleuca* sp., *Banksia dentata*, *Tristania* spp., *Timonius timon* and *Planchonella* sp. Bark was pale and often flaky; leaves were sclerophyllous, and except for *Banksia*, microphyllous. There was a dense, often impeding cover of Kunai grass (*Imperata cylindrica*). Epiphytes, other than the abundant myrmecophytes, were rare.

Bornean heath forest rivals New Guinea savannahs in abundance of myrmeco-epiphytes of related species, except for the replacement of *Hydnophytum mosleyanum* by *H. formicarum* and *Dischidia rafflesiana* by *D. astephana*. This forest type is found on impoverished, siliceous, acidic, often podsolised soils derived from Quaternary marine deposits (Bruning 1974). The greatest density of ant-epiphytes occurs in the padang (lit., open space, field), at Bako National Park, Sarawak, which is a more open formation than true heath forest or kerangas (lit., where rice will not grow) (Browne 1952). Tree height in padang was 4 - 10 m, and tree crowns barely touched one another. Soil was thin and patches of bare rock were visible. Myrtaceae dominated the tree flora: *Tristania* sp., *Baeckia frutescens* and *Eugenia multibracteosa* were common species. Other abundant species were *Ploiaria alternifolium*, *Pternandra coerulescens* and *Dacrydium beccarii*. Although Janzen (1974) found few individuals of *L. sinuosa* in his study of myrmeco-epiphytes at Bako, it was an abundant and apparent member of the ant-epiphyte community.

The kerangas, or pole forest, had a canopy height of 15 - 20 m at Nabawan and Badas in Borneo. *Tristania obovata* and *Timonius flavescens* were common tree species. *Lecanopteris sinuosa* was not abundant in either of these kerangas forests; nine and 20 plants respectively were recorded.

Peninsular Malaysian heath forests are not as widespread as those in Borneo, but occur along the east coast on the plateaux of G. Pantl, G. Lesong, and G. Janing in the south of the peninsula, and on the quartzite upper slopes of the anomalous, isolated mountain G. Jerai in the north. *Lecanopteris sinuosa* was never common in Malaysia, only rare scattered individuals being found, in contrast to its abundance in Borneo and New Guinea. Four individuals were recorded on G. Jerai and three on G. Pantl. It is also reported from the Endau-Rompin heath forests in small numbers (Wong, Saw & Kochummen 1987; Saw L. G. *pers. comm.*). Gunung Pantl supported a tree cover similar in density to Bornean kerangas. Canopy height was 20 m. Gunung Jerai differed in floristic composition from the mountains in the Main Range in its possession of a 'montane myrtaceous flora' (K. M. Wong *unpub.*) between 800m and 1000 m, where *L. sinuosa* is infrequently found. Canopy cover was continuous but not closed. Common tree species were *Eugenia spicata* (Myrtaceae), *Tristania merguensis* and *Adinandra acuminata*. Epiphytes other than myrmecophytes were uncommon.

Heath forest is interspersed with peat swamp forest in Borneo. This swamp forest is periodically waterlogged and occurs as lenses around the surrounding kerangas. *Lecanopteris sinuosa* (two plants) and *L. crustacea* (one plant) were found in a *Shorea albida*-dominated peat swamp forest at Badas, Brunei, but not in a similar habitat at Nabawan. Thus these species occur in peat swamp forest but are not common.

Lecanopteris sinuosa, *L. curtisii*, *L. pumila*, *L. sarcopus* and *L. celebica* are all found in disturbed areas or secondary forest, but none are confined to these habitats. *Lecanopteris sinuosa* was common on coconut plantations in Madang Province and locally in abandoned gardens at Lake Kutubu, Karkar Island and Woodlark Island, all in Papua New Guinea. *Lecanopteris sarcopus*, *L. celebica* and *L. pumila* were locally common on roadside trees, and also established on young regeneration in logged areas, as did *L. mirabilis*. *Lecanopteris curtisii* was found in old secondary forest on Mt. Bosavi, Papua New Guinea.

Lecanopteris as a member of the far-eastern ant-epiphyte communities

The assemblies of ant-epiphytes found in seasonal or disturbed habitats mentioned above have no parallel with any other plant communities. The abundance of *Myrmecodia*, *Hydnophytum*, *Dischidia* and *Lecanopteris*, the low species diversity of inhabitant ants (*Iridomyrmex cordatus*) and host plants, and the paucity of other epiphyte species are features unique to these habitats.

Only widespread species of each ant-epiphyte genus are found in these communities (*L. sinuosa*; *M. tuberosa*; *H. formicarum*; *H. mosleyanum*), all of which appear to be used equally by *I. cordatus*; single colonies are not species-specific but nest in all four genera. The range of nests available to the ants derives from a variety of plant organs: leaves in *Dischidia*, swollen hypocotyls in *Myrmecodia* and *Hydnophytum*, and *Lecanopteris* rhizomes.

The benefit gained by the ants is similar in all plant species: a nest site, with sporadic food from the nectaries of *Myrmecodia*. Since the same colonies live in any hollow epiphyte, all the plants receive nutrients from their inhabitants, and *Dischidia* may also use ant-derived CO₂ in photosynthesis. The rubiaceous ant-epiphytes predominate numerically, taxonomically and possess the most complex modifications: a network of chambers, either smooth or rough-walled, in which brood and debris are kept respectively (Huxley 1978).

The high abundance and low diversity of these communities corresponds with a stress-tolerant strategy (Grime 1979). The ant-epiphytes may originally have become part of these communities by virtue of their ability to withstand the high insolation, moisture shortage and limited nutrient availability, but their present predominance is likely to have been achieved and maintained by the ant association. *Iridomyrmex cordatus* plants seeds of *Myrmecodia* and *Hydnophytum* in ant carton and tends juvenile ant-epiphytes surrounding adult plants (Gay *in press*), thus contributing to the great abundance of living nests on trees and also to their clumped distribution. Noticeable features of ant-epiphyte communities are the great numbers of *Myrmecodia* and *Hydnophytum* seedlings in ant carton (which are most abundant around *L. sinuosa* because of its linear form) and the disparity between trees bearing as many as 50 mature *Myrmecodia* and *Hydnophytum*, festooned with *Lecanopteris* and *Dischidia*, and those with no epiphytes at all.

Ant-epiphyte distribution over area has an 'all or nothing' nature; overwhelming abundance contrasts with complete absence in seemingly similar and neighbouring areas of savannah in Western Province, Papua New Guinea. The ant-epiphyte community is self-perpetuating, and is more likely to increase in density than to spread beyond the range of established or daughter colonies. As an ant colony grows, it expands into greater numbers of plants on the same or a neighbouring tree. It reproduces to give daughter colonies which will inhabit more distant ant-epiphytes. Inter and intraspecific competition amongst the epiphytes for nesting ants is not likely to be intense; increased numbers of plants of any species will result in ant colony expansion and a need for more nest sites concomitantly increasing the abundance of all ant-epiphyte species. In every lowland ant-epiphyte community where all four genera are found, *Myrmecodia* and *Hydnophytum* are more abundant than *Lecanopteris* and *Dischidia*, but the latter two genera are present in the shared habitats in greater numbers than where they are the sole ant-epiphytes. This suggests that they benefit from the abundance of *Iridomyrmex cordatus*, and thus

indirectly from the presence of the other genera.

Lecanopteris pumila and *Dischidia astephana* comprise a less striking ant-epiphyte community which is found in mid-montane forests and stunted ridgetop forests of Peninsular Malaysia. This community is less abundant, diverse and exclusive in terms of ant-epiphytes than that of the savannahs and heath forests, but these two species, inhabited by the ant *Crematogaster treubi*, predominate in the canopy. The mid-montane forest which they inhabit is closed, and *L. pumila* is largely confined to the crowns of trees. In the more open ridgetop environment, it is found equally on trunks and lower branches. Non-ant-epiphytes are as infrequent in ridgetop forest as they are in savannah or heath forest. *Lecanopteris pumila* is more abundant and apparent than *D. astephana*; single rhizome clumps achieve lengths of over 80 cm (Gay 1990).

The bulk of an *L. pumila* rhizome, and its habit of growing on slender branches on tree crowns, may be an agent of gap formation on a small scale in montane forests. Large, mature plants on slim branches are common on the forest floor; the weight of an *L. pumila* may contribute to branch death or fall. Having fallen, a small gap results via which light penetrates the canopy and changes the nature of plant growth (Grubb 1977).

It is uncommon for a guild of mutualists to determine community structure of their synusium to such an extent as the ant-epiphytes. Lowland ant-epiphyte communities undoubtedly dominate as a partial result of their association; plants gaining nutrient source and improved chances of establishment, and ants a nest.

Lecanopteris on the host tree

Host tree species

Host trees of all *Lecanopteris* individuals recorded were collected and identified to discover any host preference in a habitat. Results are tabulated by species of *Lecanopteris* in Appendix 2.

No species of *Lecanopteris* is epilithic as well as epiphytic, unlike members of the closely related polypodiaceous genera *Microsorium* and *Phymatodes*, where the same species may be terrestrial, epilithic and epiphytic. The label on the unique existing specimen of *L. holttumii* describes the plant as epiphytic or epilithic, but this is more likely to refer to fallen individuals (Lack & Grimes 1743).

Cultivated *Artocarpus* spp., *Theobroma cacao* and *Cocos nucifera* were common hosts for *L. sinuosa* in artificial habitats at Lake Kutubu and Karkar Island, Papua New Guinea. In Western Province, Papua New Guinea, around the Binaturi River, *L. sinuosa* occurred 40 out of 121 times on *Planchonella* sp., and was

conspicuously absent from the dominant *Eucalyptus* and *Melaleuca*, perhaps because their peeling bark prevented establishment.

Lecanopteris mirabilis at Roguts, Western Highlands, Papua New Guinea, was largely found growing on *Castanopsis acuminatissima* (24 out of 47 individuals). This tree forms almost pure stands in lower montane forest in New Guinea (Paaijmans 1976). On Mt. Mon in the Owen Stanley Range, Papua New Guinea, *L. mirabilis* was more catholic in host specificity, occurring on *C. acuminatissima* only 11 out of 51 times. The other two species found in large numbers, *L. pumila* and *L. celebica* showed no host preference; the high numbers of *L. pumila* recorded from *Ficus* sp. come from a single tree on Fraser's Hill, Malaysia.

No correlation was found between coccid cultivation by inhabitants of *Lecanopteris* and host tree. This was contrary to Janzen's observations for all myrmeco-epiphytes in Sarawak (1974) and the work of Weir & Kiew (1986) on *Dischidia* and *Leptospermum*. The lack of selectivity of host tree species by both *Lecanopteris* for a substrate and the ants for a nest environment, suggests that both parties have a wide tolerance of their immediate surroundings.

Host bark type

The nature of the host tree bark was classified into ten categories, following those of Webb, Tracey and Williams (1976). The bark types and the relative numbers of individuals of each *Lecanopteris* species are shown in Table 3.

All species show a marked preference for rough-barked trees (types 3, 4 & 5); 517 out of 798 plants were found on hosts with such bark. Trees with rough, fissured bark accounted for 190 individuals, and rough bark with dimples, scrolls, craters or coarse pustules, for a further 327 plants. 156 plants were found on trees with smooth, finely cracked bark. Poorly represented categories were: upper stem smooth, lower not; "papery" and "fibrous". These categories were not abundant in most vegetation types, rather than being avoided by *Lecanopteris*, except in the savannahs of Western Province, Papua New Guinea, where they were common but did not bear *L. sinuosa*. The surfaces of many hosts, especially in montane forest, were covered in moss, but this was not systematically recorded.

The predominance of rough-barked hosts is not surprising; this surface affords better purchase for epiphytic roots and traps more debris in its ridged surface. Effects of host bark type can be substantially mediated by the presence of other epiphytes or mosses on which *Lecanopteris* may grow, rather than being in direct contact with the bark.

Table 3. Bark types of host trees

Bark type	<i>L. sin</i>	<i>L. pum</i>	<i>L. mir</i>	<i>L. cel</i>	<i>L. cru</i>	<i>L. cur</i>	<i>L. sar</i>	<i>L. dar</i>
1	10	16	0	0	0	0	1	0
2	58	36	33	23	1	2	3	0
3	68	29	2	0	0	1	0	0
4	50	21	11	0	0	4	0	0
5	135	103	47	15	5	9	8	10
6	11	0	0	9	0	0	0	0
7	19	0	0	0	0	0	0	0
8	7	0	0	0	0	0	0	0
9	4	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0

- 1) Smooth and glassy.
- 2) Smooth with fine cracks/pustules.
- 3) Rough with fissures > 1 cm deep.
- 4) Rough with shallow fissures.
- 5) Rough with crater/scrolls/dimples/coarse pustules.
- 6) Flaky and scaly.
- 7) Transverse hoops or ridges.
- 8) Papery.
- 9) Fibrous.
- 10) Upper stem glassy smooth, lower not.

Ecological and biogeographical aspects of speciation in *Lecanopteris*

The two subgenera of *Lecanopteris* have different distribution patterns (Figs 2 to 5). Subg. *Myrmecopteris* consists of three allopatric species whose main distinction lies in their rhizome differentiation, *L. mirabilis*, *L. sarcopus* and *L. crustacea*. It also contains the wide-ranging *L. sinuosa*. Their speciation, apart from *L. sinuosa*, can be envisaged as allopatric, with existing variation in the gene pools of ecotypes intensifying into specific barriers upon geographical and ecological isolation. The three species all have distinct habitat requirements: *L. mirabilis* inhabits montane forests; *L. crustacea* is confined to lowland forests, and *L. sarcopus* is found in disturbed hill forest. *Lecanopteris sarcopus* and *L. crustacea* are most similar to one another, differing in scale colour, frond texture and in the dimorphism of the *L. sarcopus* rhizome.

The total range of the genus is encompassed within that of *L. sinuosa*. Its opportunistic ecology and wide geographical range are characteristic of weedy pioneer species. These are typically variable in form, have high phenotypic plasticity, but tend not to speciate in the varied environments which they inhabit; their genotypic or phenotypic flexibility can accommodate a range of conditions. The wide distribution of *L. sinuosa* supports its position as a possible ancestral species in *Lecanopteris*, but this is countered by its opportunistic ecology. It may have been able to colonise new habitats as its range expanded, whereas species with

more specialised requirements failed to establish.

Distribution patterns in subg. *Lecanopteris* are distinct from one another, and from *Myrmecopteris*. *Lecanopteris curtisii* s.l. is a wide-ranging species, second only to *L. sinuosa* (Figs 5 & 6). On each of the major land masses in the Malesian Archipelago, it forms more or less distinct races, one of which is currently recognised as a species (*L. philippinensis*). It is interesting to note that both *L. sinuosa* and *L. curtisii*, the most wide-ranging species, possess fewest apomorphies in their subgenera: *L. curtisii* bears none of the rhizome excrescences which characterise the *L. pumila* and *L. darnaedii* groups; and the external morphology of *L. sinuosa* is most similar to a polypodiaceous non-ant-fern. Thus variability in form, probably resulting from a wide geographical range, is found with a low number of apomorphies.

The *L. pumila* group comprises one wide-ranging and morphologically variable species, *L. pumila*; one endemic in the Philippines, and three in Sulawesi. Two of these endemics, *L. carnosa* and *L. celebica*, are abundant in Sulawesi and have a generalist ecology. They are sister species, differing only in the nature of their aborted phyllopodia: *L. carnosa* bears excrescences, and *L. celebica*, spines. Neither their distribution nor their generalist ecology indicates speciation resulting from interrupted gene flow caused by the appearance of physical barriers in a pre-existing population. A mutation isolating the populations and preventing interbreeding is possible, but there is no evidence for it. The third Sulawesi species from the *L. pumila* group, *L. balgooyi*, is geographically sympatric with *L. celebica*, but little is known of its distribution and ecology.

The *L. darnaedii* group is endemic to Sulawesi and consists of three similar species, each only known from its type locality (Fig. 8). Speciation in the *L. darnaedii* group is more plausibly envisaged as a series of range expansions than as isolation of existing populations. Founder effects in the colonising populations, causing genetic revolutions and speciation, are consistent with the small numbers and narrow distribution of these species.

Discussion

Lecanopteris exhibits a wide variety of geographical range and ecological tolerance. *Lecanopteris sinuosa* is found in every habitat within its altitudinal range save lowland evergreen rain forest, either as a dominant, abundant, common or (frequently) rare component. This correlates with a geographical range exceeding that of all other members of the genus; it is the sole representative beyond the Kra Isthmus, in the Solomon Islands, Vanuatu, the Thursday Islands, N. Queensland and Taiwan. *Lecanopteris sarcopus* is less wide-ranging and ecologically tolerant than *L. sinuosa*, but inhabits a variety of vegetation types in Sulawesi and the Philippines.

In contrast, a highly restricted range and tolerance is exhibited by the Sulawesi endemics *L. darnaedii*, *L. spinosa* and *L. holtumii*, which are only known from their type localities in montane forest (Fig. 8). Also restricted to Sulawesi but with a wider ecological tolerance are *L. carnosa*, *L. celebica* and *L. balgooyi*. *Lecanopteris mirabilis* and *L. sarcopus* both have wide distributions but are ecologically confined to mid-montane and lowland evergreen forest respectively. The former is locally abundant, the latter only known from scattered individuals. It should be emphasised for both these species that their ecological tolerance may be broader than the scope of fieldwork for this study, indicated by the discovery of *L. mirabilis* in a mangrove swamp in Seram (B.S. Parris, *pers. comm.*).

The *L. curtisii* complex has a wide and a disjunct distribution, but is local in occurrence and never abundant. The distribution of *L. pumila* is similar to that of *L. crustacea* but it is far more abundant and inhabits montane forest (Figs 5 & 7).

Thus opportunistic ecology and wide range are positively correlated in *L. sinuosa* and to a lesser extent in *L. sarcopus*, and the reverse is true for the Sulawesi montane endemics. *Lecanopteris pumila*, *L. celebica*, *L. mirabilis* and *L. curtisii* either have wide ranges and limited tolerance, or vice versa.

The distribution of *Lecanopteris* species contrasts strongly with that of the rubiaceous ant-epiphytes, but similarities exist at the level of generic distribution. Both *Hydnophytum* and *Myrmecodia* extend beyond Malesia, into Cape York Peninsula, Australia, and the Solomon Islands. *Hydnophytum* is also found in the Andaman Islands, southern Indochina and Fiji (Huxley & Jebb 1991). The wider range of *Hydnophytum* compared to *Myrmecodia* parallels that of subg. *Myrmecopteris* relative to subg. *Lecanopteris*, as do the relative levels of specialisation for the ant association. The centre of species diversity of *Myrmecodia* and *Hydnophytum* is New Guinea; only four species of *Hydnophytum* are found in the rest of Malesia and a few species of *Myrmecodia*, including three in Cape York Peninsula (Huxley & Jebb 1991). *Dischidia* is most diverse in the Philippines, with double chambered domatia occurring in the species there (Rintz 1980).

The different centres of diversity in the far-eastern genera of ant-epiphytes: Sulawesi for *Lecanopteris*; New Guinea for the Rubiaceae, and the Philippines for *Dischidia*, suggest that the combination of unique environmental conditions in these regions was not the only selective pressure operating during speciation in these groups. The potential for speciation can be attributed more to intrinsic factors such as the release of variability, and to stochastic processes, than on external events dependent on a particular area.

Sympatry is rare in *Lecanopteris*; where geographical ranges overlap, ecological isolation occurs. On the two occasions that sympatry has been observed in the field, *L. sinuosa* has been found with *L. curtisii* and *L. crustacea* (Gay, *pers. obs.*).

No host preferences beyond common tree species were exhibited by any *Lecanopteris* species in any habitat, nor was the nature of the host bark an obvious constraint on colonisation.

No constant patterns between the species and their environment emerge from the ecological data, but the genus shares one unifying characteristic in addition to myrmecophytism. All species are predominantly found either in disturbed or stunted vegetation which allow a high level of illumination such as heath forest, ridgetops or roadsides (*L. sinuosa*, *L. sarcopus*), or in taller, closed montane or lowland forest in the crowns of canopy trees (*L. mirabilis*, *L. crustacea*, *L. darnaedii*, *L. curtisii* s.l.). The genus comprises only heliophiles; individuals are rarely found in deep shade, where they are small and stunted. *Lecanopteris pumila* adopts both habits; on ridgetops it grows in any position on scattered trees, and in closed montane forest it is inaccessible in the crowns of canopy trees.

The stunted forests, in which *Lecanopteris* species reach their greatest abundance, lack height and density as a result of nutrient impoverishment and periodic water stress. Whitmore (1984) emphasised the ecophysiological similarity between heath forest and upper montane forest; both formations have xerophytic and oligotrophic characteristics, acidic soils, and share certain disjunct species such as *Baeckia frutescens* (Myrtaceae). The vegetation types in which *L. sinuosa* and *L. pumila* are dominant are extreme forms of heath and upper montane forest: padang and ridgetop habitats. Neither habitat has a continuous tree cover, and both are oligotrophic.

In heath forest, ridgetops and the fire-maintained savannahs of Western Province, Papua New Guinea, myrmecophytes are the dominant and practically the sole epiphytes. No ant-epiphytes are restricted to these habitats, but occur elsewhere at a lower density. An adaptive explanation for the dominance of myrmecophytes has been suggested by Janzen (1974); that myrmecophytes, by virtue of their ant association, utilise nutrients unavailable to other epiphytes. Ant feeding of host plants has been demonstrated in *Myrmecodia* sp. (Huxley 1978), *Hydnophytum* (Rickson 1976) and *Lecanopteris* (Gay, *in press*). However, the unique exploitation of a resource may be simplistic as a sole explanation for the dominance of ant-epiphytes in such habitats. The savannahs of New Guinea are fire-maintained rather than nutritionally impoverished, and the myrmeco-epiphytic community is as dominant there as in Bornean heath forests. Ant-epiphytes are not common in peat swamp forest, which is also an oligotrophic environment. Non-ant epiphytes can flourish in these habitats by colonising the abundant ant carton, as do *Dischidia nummularia* (Asclepiadaceae) and *Bulbophyllum* sp. (Orchidaceae).

Whitmore (1984) noted that it is presently uncertain whether heath forest is stunted by a deficit of water or of nutrients. All myrmeco-epiphytes are capable of withstanding desiccation; most have sclerophyllous leaves or

fronds, and their domatia are fleshy with coriaceous epidermes. Indeed, Yapp (1902) speculated at length whether the *Lecanopteris* rhizome arose as a water storage organ, later exploited by ants. In terms of water conservation, sclerophylly is an adaptation, but rhizome or tuber form may be an exaptation (Gould & Vrba 1982), a by-product of domatium elaboration. The ability to withstand periodic water shortage, especially as epiphytes, must be contributory to the abundance of myrmeco-epiphytes in these xeric habitats.

Another feature common to all habitats where ant-epiphytes dominate the epiphyte flora is the open canopy allowing light to reach epiphytes growing anywhere on the trees, not only in the crowns. A requirement for light as the sole unifying factor in *Lecanopteris* ecology has been discussed above, and the highly insolated environment is another partial explanation for the density of ant-epiphytes, although not for the absence of other sun epiphytes.

Thus the great abundance of ant-epiphytes in padang, ridgetop and savannah vegetation is due to an interaction of factors: nutrient shortage, which is only applicable in the first two habitats; periodic moisture stress, and high insolation, which are found in all three habitats. The ant association is partially but not solely responsible for their dominance in these habitats. *Lecanopteris* is represented in most other Malesian forest types (Table 2), but is rare or common, rather than dominant.

Acknowledgements

H. J. G.'s D. Phil. was funded by the Claridge Druce Bequest, Oxford University, and fieldwork in Malaysia, Borneo and Sulawesi by the Leverhulme Trust. The use of facilities at the University of Technology, Lae, Papua New Guinea and the Forest Research Institute, Malaysia is gratefully acknowledged. Dr Helen Fortune Hopkins, Mrs Lucy Rajoo and Dr Francis Ng were particularly helpful. Thanks also to Mr Robert Johns, Drs Wong Khoon Meng, Soedarsono Riswan, and Elisabeth Widjaya, and to Dr Barbara Parris for constructive and detailed criticism of the manuscript. The authors gratefully acknowledge the kindness of the keepers of the cited herbaria for putting their collections at their disposal. Mr Jim Croft provided much useful information on New Guinean species of *Lecanopteris*, and Ms. Jenni Marsh drew figures 2, 3 and 4.

References

- Browne F. G. (1952). Kerangas lands of Sarawak. *Malay. For.* 15, 61 - 73.
- Bruning E. F. (1974). Ecological studies in the Kerangas forests of Sarawak and Brunei. *Borneo Literature Bureau, Kuching*.
- Gay, H. J. (1990). The ant association and structural rhizome modifications of the far-eastern epiphytic fern genus *Lecanopteris* Reinw. (Polypodiaceae). Unpublished D. Phil. Thesis, *University of Oxford*.
- (1991). Ant houses in the genus *Lecanopteris* Reinw. (Polypodiaceae): The rhizome morphology and architecture of *L. sarcopus* Teijsm. & Binnend. and *L. darnaedii* Hennipman. *Bot. J. Linn. Soc.* 106 (3), 199-208.
- (1993). Rhizome structure and evolution in the Malesian epiphytic ant-fern genus *Lecanopteris* Reinw. (Polypodiaceae). *Bot. J. Linn. Soc.*, in press.
- (in press). Animal-fed plants: An investigation into the uptake of ant-derived nutrients by the far-eastern epiphytic fern *Lecanopteris* (Polypodiaceae). *Biol. J. Linn. Soc.*
- & Hensen R. (1992). Ant specificity and behaviour in mutualism with epiphytes: The case of *Lecanopteris* (Polypodiaceae). *Biol. J. Linn. Soc.* 47, 261-284.
- Gould S. J. & Vrba E. (1982). Exaptation - a missing term in the science of form. *Palaeobiol.* 8, 4-15.
- Grime J. P. (1979). Plant strategies and vegetation processes. *John Wiley & Sons, New York*.
- Grubb P. J. (1977). The maintenance of species in plant communities: The importance of the regeneration niche. *Biol. Rev.* 52, 107-145.
- Hennipman E. (1986). Notes on the ant-ferns of *Lecanopteris* sensu lato in Sulawesi, Indonesia, with the description of two new species. *Kew Bull.* 41 (4), 783-789.
- (unpub.). A monograph of the ant-fern genus *Lecanopteris* Reinw. (Polypodiaceae).
- & Verduyn G. P. (1987). A taxonomic revision of the genus *Lecanopteris* (Polypodiaceae) in Sulawesi, Indonesia. *Blumea* 32, 313 -319.

- Hettterscheid W. L. A. & Hennipman E. (1984). Venation patterns, soral characteristics and shape of the fronds of the Microsorioide Polypodiaceae. *Bot. Jarb. Sys.* 105 (1), 11- 47.
- Holttum R. E. (1955). A revised flora of Malaya vol. II: Ferns of Malaya. *Government Printing Office, Singapore.*
- Huxley C. R. (1978). The ant-plants *Myrmecodia* and *Hydnophytum* (Rubiaceae), and the relationships between their morphology and occupants, physiology and ecology. *New Phytol.* 80 : 231-268.
- & Jebb M. H. P. (1991). The tuberous epiphytes of the Rubiaceae I: A new subtribe - the Hydnophytinae. *Blumea* 36, 1- 20.
- Janzen D. H. (1974). Epiphytic myrmecophytes in Sarawak: Mutualism through the feeding of plants by ants. *Biotropica* 6 (4), 237-259.
- Jebb M. H. P. (1985). Taxonomy and tuber morphology of the rubiaceous ant - epiphytes. Unpublished D. Phil. Thesis, *University of Oxford.*
- Paaijmans K. (ed.) (1976). New Guinea vegetation. *Australian National University Press, Canberra.*
- Parris B. S. (1985). Ecological aspects of distribution and speciation in Old World tropical ferns. *Proc. Roy. Soc. Edin. B*, 86, 341-346.
- Paterson S. (1982). Observation on ant associations with rain forest ferns in Borneo. *Fern Gaz.* 12 (4), 243-245.
- Rickson, F. R. (1979). Absorption of animal tissue breakdown products into a plant stem: the feeding of a plant by ants. *Am. J. Bot.* 66, 87-90.
- Rintz R. E. (1980). The Peninsular Malayan species of *Dischidia* (Asclepiadaceae). *Blumea* 26, 81-126
- Thomson J. N. (1981). Reversed animal-plant interactions: The evolution of insectivorous and ant-fed plants. *Biol. J. Linn. Soc.* 16, 147-155.
- Webb L. J., Tracey J. G. & Williams W. T. (1976). The value of structural features in tropical forest typology. *Aust. J. Ecol.* 1, 3-27.
- Weir J. S. & Kiew R. (1986). A reassessment of the relations in Malaysia between ants (*Crematogaster*) on trees (*Leptospermum*) and epiphytes of the genus *Dischidia* (Asclepiadaceae) including "ant-plants". *Biol. J. Linn. Soc.* 27, 13-132.

Whitmore T. C. (1984). Tropical rain forests of the Far East. *Clarendon Press, Oxford*.

Wong K. M. (1984). An introduction to the vegetation of Gunong Jerai (Kedah Peak). Unpub.

— & Saw L. G. & Kochummen K. M. (1987). A survey of the forests of the Endau-Rompin area, Peninsular Malaysia: Principal forest types and floristic notes. *Mal. Nat. J.* 41, 125-144.

Yapp R. H. (1902). Two Malayan myrmecophilous ferns, *Polypodium* (*Lecanopteris*) *carnosum* (Blume) and *Polypodium sinuosum* Wall. *Ann. Bot.* 16 (62), 185 - 231.

Appendix 1: Field Sites

Lake Kutubu, 6°30'S, 143°10'E. Southern Highlands Province, Papua New Guinea (LK).

Binaturi River, between Kunini and Giringarede villages, 9°40'S, 143°E. Western Province, Papua New Guinea (BR).

Kar Kar Island, 4°40'S, 146°E. Madang Province. Papua New Guinea (KK).

Roguts village, 5°50'S, 144°20'E. Angelimp subdistrict. Western Highlands Province, Papua New Guinea (R).

Mt. Mon, 9°40'S, 149°40'E. near Bonenau village, Agaun Mission and Mt. Dayman, Milne Bay Province, Papua New Guinea (MM).

Mt. Bosavi, 6°30'S, 142°55'E. Milne Bay Province, Papua New Guinea (MB).

Woodlark Island, 9°10'S, 152°30'E. Milne Bay Province, Papua New Guinea (W).

Varirata National Park, 9°10'S, 152°30'E. Milne Bay Province, Papua New Guinea (V).

Gunong Bunga Buah, 3°35'N, 101°40'E. Genting Highlands, Selangor State, Peninsular Malaysia (GBB), literally "the mountain of flowers and fruits".

Gunong Beremban, 4°20'N, 101°40'E. Cameron Highlands, Pahang State, Peninsular Malaysia (GB).

Gunong Jasar, 4°20'N, 101°35'E. Cameron Highlands, Pahang State, Peninsular Malaysia (GJ).

Maxwell's Hill, 4°55'N, 100°55'E. Perak State, Peninsular Malaysia (MH).

Fraser's Hill, 3°45'N, 101°35'E. Selangor State, Peninsular Malaysia (FH).

Cameron Highlands (CH). Pahang State, Peninsular Malaysia.

Gunong Tahan, 4°40'N, 102°20'E. Taman Negara, Peninsular Malaysia (GT).

Sungai Tahan, 4°40'N, 102°30'E. Taman Negara, Peninsular Malaysia (ST).

Batu Ferringhi water catchment area, 5°20'N, 100°20'E. Penang Island, Peninsular Malaysia (BF).

Gunong Jerai, 5°35'N, 100°30'E. Kedah State, Peninsular Malaysia (GJ).

Kota Tinggi, 1°55'N, 103°55'E. Johore State, Peninsular Malaysia (KT).

Gunong Panti, 1°55'N, 103°52'E. Johore State, Peninsular Malaysia (GP).

Bako National Park, 1°40'N, 110°E. Sarawak, East Malaysia (BAK).

Nabawan, 4°30'N, 116°20'E. near Keningau, Sabah, East Malaysia, Borneo (N).

Mt. Kinabalu, 6°10'N, 116°40'E. Sabah, East Malaysia, Borneo (MK).

Badas, 4°40'N, 114°40'E. Brunei, Borneo (BAD).

Bukit Basang, 4°40'N, 114°43'E. Brunei, Borneo (BAS).

Sopu Valley, 2°40'S, 121°10'E. Near Dongi Dongi logging camp, 80 km South-East of Palu, Central Sulawesi, Indonesia (SV).

Mt. Roroka Timbu, 1°10'S, 120°20'E. Central Sulawesi, Indonesia (MRT).

Lake Matano, 1°30'S, 102°20'E. Near Soroako, South Sulawesi, Indonesia (LM).

Mt. Wawonseru, 1°30'S, 102°10'E. Near Soroako, South Sulawesi, Indonesia (MW).

Appendix 2 : Hosts of *Lecanopteris*

L. sinuosa

<u>Site</u>	<u>Host species</u>	<u>Frequency</u>
LK	<i>Artocarpus</i> sp. (Mor.)	18
LK	<i>Pandanus</i> sp. (Pand.)	16
LK	<i>Sterculia</i> sp. (Stere.)	1
LK	<i>Dracaena</i> sp. (Agav.)	1
LK	<i>Cyathea</i> sp. (Cyath.)	4
LK	<i>Schefflera</i> sp. (Hed.)	4
LK	<i>Ficus</i> sp. (Mor.)	3
LK	<i>Dysoxylon</i> sp. (Mel)	5
BR	<i>Nauclea orientalis</i> (Rub)	1
BR	<i>Timonius timon</i> (Rub.)	11
BR	<i>Planchonella</i> sp. (Sapot.)	40
BR	<i>Glochidion</i> sp. (Euphorb.)	2
BR	<i>Eucalyptopsis</i> sp. (Myrt.)	1
BR	<i>Dillenia</i> sp. (Dillen.)	8
BR	<i>Xylocarpus</i> sp. (Mel.)	2
BR	<i>Banksia dentata</i> (Prot.)	1
BR	<i>Planchonia</i> sp. (Lecythid.)	1
BR	<i>Antidesma</i> sp. (Euphorb.)	3
KK	<i>Theobroma cacao</i> (Stere.)	28
KK	<i>Plumeria</i> sp. (Apocyn.)	2
KK	<i>Cocos nucifera</i> (Palm.)	4
KK	<i>Toona</i> sp. (Mel)	1
V	<i>Casuarina</i> sp. (Cas.)	6
V	<i>Hevea brasiliensis</i> (Euphorb.)	2
GJ	<i>Dracaena</i> sp. (Agav.)	1
GJ	<i>Leptospermum flavescens</i> (Myrt.)	2
KT	<i>Hopea polyalthioides</i> (Dipt.)	4
KT	Theaceae indet.	1
KT	<i>Artocarpus</i> sp. (Mor.)	1
GP	<i>Eugenia syzygioides</i> (Myrt.)	4
BF	<i>Parinari</i> sp. (Chrysobal.)	5

<u>Site</u>	<u>Host species</u>	<u>Frequency</u>
BAD	<i>Agathis borneensis</i> (Arauc.)	1
BAS	<i>Casuarina nobilis</i> (Cas.)	3
BAS	<i>Gertnera</i> sp. (Rub.)	3
BAS	<i>Timonius flavescens</i> (Rub.)	8
BAS	<i>Tristania obovata</i> (Myrt.)	3
NAB	<i>Vaccinium</i> sp. (Eric.)	1
BAK	<i>Ixonanthes becarrii</i> (Ixon.)	9
BAK	<i>Casuarina</i> sp. (Cas.)	8
BAK	<i>Parastemon spicatum</i> (Chrysobal.)	9
BAK	<i>Dacrydium becarrii</i> (Podoc.)	5
BAK	<i>Cratoxylum</i> sp. (Guttif.)	1
BAK	<i>Baeckia frutescens</i> (Myrt.)	12
BAK	<i>Calophyllum austrocoriaceum</i> (Guttif.)	3
BAK	<i>Eugenia multibracteosa</i> (Myrt.)	7
BAK	<i>Ploiarium alternifolium</i> (Theac.)	6
BAK	Mangrove indet.	8

L. pumila

GB	<i>Symingtonia populnea</i> (Ham.)	3
GB	<i>Garcinia rostrata</i> (Guttif.)	5
U	<i>Lithocarpus rassa</i> (Fag.)	26
GB	<i>Knema</i> sp. (Myrist.)	2
GB	<i>Ardisia</i> sp. (Myrsin.)	6
GB	<i>Eugenia attenuata</i> (Myrt.)	4
GB	<i>Quercus lineata</i> (Fag.)	2
GB	<i>Lithocarpus</i> sp. (Fag.)	1
GB	<i>Prunus</i> sp. (Ros.)	1
GB	<i>Cinnamomum scortechnii</i> (Laur.)	2
GB	<i>Rhodoleia championii</i> (Ham.)	4
MH	<i>Adinandra</i> sp. (Theac.)	1
MH	<i>Weinmannia blumei</i> (Cunon.)	36
MH	<i>Vaccinium</i> sp. (Eric.)	1
MH	<i>Ficus chartacea</i> (Mor.)	2
GBB	<i>Vaccinium bancanum</i> (Eric.)	14

<u>Site</u>	<u>Host species</u>	<u>Frequency</u>
FH	<i>Ficus</i> sp. (Mor.)	33
GT	<i>Rhododendron wrayii</i> (Eric.)	3
GT	<i>Vaccinium</i> sp. (Eric.)	19
K	<i>Lithocarpus</i> sp. (Fag.)	11
U	Dead	36

L. mirabilis

MM	<i>Engelhardia rigida</i> (Jug.)	1
MM	Rubiaceae indet.	1
MM	Moraceae indet.	1
MM	<i>Galbulimina belgaveana</i> (Himant.)	1
MM	<i>Planchonella</i> sp. (Sapot.)	8
MM	<i>Nothofagus grandis</i> (Fag.)	2
U	<i>Elaeocarpus culminicola</i> (Elaeoc.)	2
MM	<i>Linociera</i> sp. (Oleac.)	9
MM	<i>Syzygium</i> sp. (Myrt)	5
U	<i>Castanopsis acuminatissima</i> (Fag.)	35
MM	<i>Weinmannia ledermanni</i> (Cunon.)	2
R	<i>Saurauia</i> sp. (Actinid.)	3
R	Leguminosae indet.	1
R	<i>Adenanthera</i> sp. (Leg.)	2
R	<i>Schefflera</i> sp. (Hed.)	1
R	<i>Ardisia</i> sp. (Myrsin.)	2
R	<i>Garcinia</i> sp. (Guttif.)	6
U	Dead	6
U	Indet.	2

L. crustacea

BAD	<i>Shorea albida</i> (Dipt.)	1
KT	Dipterocarpaceae indet.	5

Psathyrella (Agaricales) with Ornamented Spores in the Malay Peninsula.

E.J.H. CORNER

91 Hinton Way, Great Shelford,
Cambridge CB2 5AH,
England

EFFECTIVE PUBLICATION DATE : 31 MARCH 1994

Abstract

Five species are described as new and illustrated. Two have a thin exospore and two have not. The fifth species, *P. flavidifolia*, is apparently rare and needs fuller investigation. Sporograph-analysis reveals the smooth spore, general in *Psathyrella*, as an endospore.

Introduction

In describing *Psathyrella nigeriensis* from Africa, Pegler and Young (1992) have reviewed the position in the genus of the few known species with verrucose or rugulose spores. I, now, add five, four of which are common in Malayan forest. The fifth, *P. flavidifolia*, is imperfectly known from one collection and is included in order that it may be rediscovered. The robust stature of several, especially *P. splendens*, suggests that they should be placed in *Lacrymaria* Pat. but they do not have the chief qualification of the spores of that genus nor the inaequihymenium which gives a mottling to the gill-surface. The spores of *Lacrymaria* are black or very dark in the mass (Pegler and Young 1971 and 1992, Smith 1972, Singer 1975, Watling 1979). Those of the Malayan species are fuscous purple or vinaceous brown. Then the spores of *Lacrymaria* have an apical germ-pore which is figured by Pegler and Young (1971) as a hole, though it is probably the thin apical wall without the ornamentation as in the Malayan species. Pegler and Young (1992) give, also, aggregated pleurocystidia and capitate cheilocystidia for *Lacrymaria*. *P. verrucispore*, here described, has scattered pleurocystidia and the cheilocystidia of *P. malayana* may be more or less capitate. Perhaps the most remarkable point is the thick veil of *P. splendens* which forms such a conspicuous annulus on the stem as to suggest *Stropharia*. It adds a new feature to *Psathyrella*, the concept of which has been based on temperate species.

The occurrence of ornamented spores in a genus regarded as smooth-spored is part of a wide problem among homobasidiomycetes. In my work on *Amauroderma-Ganoderma* (Corner 1983) and the *Boletus*-spore (Corner 1972) I gave reasons for regarding the bitunicate spore as the more primitive state leading to the common and advanced unitunicate and smooth spore; even the amyloid reaction may be a manifestation (Corner 1989). Thus the ornamented spore turns up in various genera such as *Coprinus* (Pegler and Young 1992).

The illustrations of spores, given in this article, are enlargements from *camera lucida* drawings in order to show as clearly as possible what seems to be their manner of ornamentation.

Key to Malayan *Psathyrella* with Ornamented Spores

On macroscopic characters

1. Pileus 5-15 cm wide, fulvous bay, submentose then appressedly scaly. Stem 7-18 cm x 5-18 mm, base bulbous fusiform. Ring pronounced at first, thick, woolly, white *P. splendens*
1. Pileus not scaly. Ring indistinct or none.
 2. Gills pale egg-yellow then vinaceous drab, subdecurrent, crowded, 2-3 mm wide. Pileus - 10 cm wide, pale ochraceous tan with brown disc. Stem 6.5-14 mm wide. Ring as a floccose zone. *P. flavidifolia*
 2. Gills white then dark brown to purplish fuscous.
 3. Gills adnate, not or scarcely crowded, 21-30 primaries 5-9 wide. Smell strong of radish and fenugreek *P. verrucispora*
 3. Gills adnexed, crowded, 40-60 (-80) primaries 2-5 mm wide. Smell faint of mushroom, or none.
 4. Pileus ochraceous with ferruginous disc *P. retispora*
 4. Pileus umber with date-brown disc *P. malayana*

On microscopic characters

1. Pileus hymenioderm with a palisade of clavate cells. Pleurocystidia none. Spores with a smooth adaxial patch, without a hyaline exospore.
 2. Spores 9-10.5 x 5-6 μm (overall), reticulately marked with wide adaxial patch. Cheilocystidia mostly clavate *P. retispora*
 2. Spores 7-9 x 6-6.5 μm (overall), with short irregular flanges and small or no adaxial patch. Cheilocystidia variable, often ventricose *P. malayana*
1. Pileus not hymenioderm, the surface pseudoparenchymatous (? *P. flavidifolia*). Spores with hyaline exospore covering the warts, without adaxial patch.
 3. Pleurocystidia present. Spores 9.5-12 x 6.5-8 μm *P. verrucispora*
 3. Pleurocystidia absent (? *P. flavidifolia*).
 4. Spores 6.5-7.5 x 5-6 μm *P. splendens*
 4. Spores 10-12 x 6-7 μm *P. flavidifolia*

1. *Psathyrella flavidifolia* sp. n.

Pileus 5-10.5 cm latus, convexus dein planus, centro aliquando depresso, glaber rugulosus subhygrophanus subochraceus, disco cinnamomeo-brunneo; margine veli pannis paucis ornato. Stipes 6-11.5 cm x 6.5-14 mm apicem versus, 5-8 mm basim saepe attenuatum versus, sed apice basique plus minus dilatato, fistulosus, pallide brunneolus, zona floccosa deformi alba 15-20 mm sub apice, deorsum furfuraceus, sine annulo. Lamellae subdecurrentes confertissimae angustae, 70-90 primariae 2-3 mm latae, ordinibus 4-6, pallide vitellinae dein sordide vinaceae. Caro 3-6 mm crassa in pilei centro, firma subhygrophana brunneolo-albida. Sporae 10-12 x 6-7 μ m, in cumulo vinacei-cinnamomeae, verruculosae amygdaliformes. Ad terram in silva montana. Malaya, Pahang, Fraser's Hill, *Corner s.n.* 25 Nov 1930; typus, herb. Corner.

Pileus 5-10.5 cm wide, convex to campanulate then plane, disc sometimes depressed, subhygrophanous, glabrous, irregularly and shallowly rugulose to the smooth disc, pallid ochraceous tan with the disc rather cinnamon brown; margin strongly incurved at first, minutely subvillous, with a few evanescent cottony patches as the remains of the veil. *Stem* 6-11.6 cm x 6.5-14 mm above, 5-8 mm below, cylindric or attenuate downwards, apex and base more or less dilated, stout, hollow, pallid tan with a narrow ill-defined whitish floccose zone 15-20 mm below the stem-apex as the remains of the ring, no ring, subpruinose above the zone, coarsely scurfy fibrous below, base with short white mycelial strands. *Gills* subdecurrent, very crowded, narrow, thin, 79-90 primaries 2-3 mm wide, 4-6 ranks, pale egg-yellow then vinaceous drab or subfuscous, edge entire. *Flesh* 3-6 mm thick in the centre of the pileus, 1-2 mm halfway to the margin, subhygrophanous, firm, pallid tan-white.

On the ground in montane forest. Malaya, Pahang, Fraser's Hill 1,200 m alt. November 1930.

Spores 10-12 x 6-7 μ m, vinaceous cinnamon in the mass, dark brown s.m., verruculose appearing punctate-rough, amygdaliform.

I describe this fungus, even though my notes on microscopic details are so imperfect, because it indicates an ally of *P. splendens*. It may be rare because I found it but once and, then, it puzzled me and became *Hebeloma* in my notes. Possibly *P. rugocephala* (Atk.) A. H. Smith (1972) may be related but the Malayan fungus differs in the yellow gills and paler spores.

2. *Psathyrella malayana* sp. n

Figure 1, Plate 1

Pileus 1-9 latus, centro ruguloso, saepe umbonatus, glaber striatus, primo badiobrunneus dein pallidior rufus, ultimo umbrinus centro brunneo. Stipes 4-13.5 cm x 2.5-8 mm ad apicem, 5-11 mm as basim albivillosum, fistulosus fragilis, saepe obtortus, pruinovillosus, albus dein brunneolus. Velum album tenuissimum evanescens. Lamellae adnexae, saepe dente subdecurrentes, ultimo liberae, confertissimae angustae, 40-80 primariae 1.5-5 mm latae, ordinibus 4-6, pallide albae dein umbrino-chocolatae vel obscure brunneae, acie alba serrulata. Caro in pilei centro 1-3.5 mm crassa, hygrophana fragilis. Odor fungosus levis. Sporae 7-9 x 6-6.5 μ m, in cumulo obscure purpureibrunneae, ellipsoideae, verrucis purpureibrunneis saepe elongatis irregularibus ornatae, apicibus levibus. Cheilocystidia 20-65 x 8-16 μ m, clavata vel ventricosa, etiam apice subcapitato 6-9 μ m lato, ut lamellae acie sterili. Pleurocystidia nulla. Caulocystidia -70 x 4-7 μ m, cylindrica subclavata flexuosa. Superficies pilei cellulis clavatis 30-80 x 12-25 μ m hymeniodermis. Ad terram vel lignum in silva, etiam in locis graminosis. Peninsula Malayana. Typus, *Corner s.n.* 23 Oct. 1934, Singapore.

Pileus 1-9 cm wide, conico-convex then plane or repand with more or less sinuous margin, often umbonate, hygrophanous, striate, smooth but with rugulose centre or occasionally entirely and strongly rugulose, at first deep bay-brown then paler and rufous, becoming watery livid umber with date-brown disc, drying pale rufous tan or pinkish tan with fulvous ochraceous to subferruginous disc and minutely atomate; margin incurved at first. *Stem* 4-13.5 cm x 2.5-8 mm at the apex, 5-8 mm at the white villous base, attenuate upwards, stout but very brittle, often twisted, hollow, innately brownish fibrillose, wholly minutely pruinose villous, pallid white to pale tan. *Veil* white, very thin, evanescent. *Gills* adnexed, often decurrent with a tooth, separating free, very crowded, rather narrow, 40-80 primaries 1.5-5 mm wide, 4-6 ranks, at first drab white or clay-white then chocolate umber or fuscous date-brown, sometimes persistently pale brownish umber or pale brownish white for a long time, edge white and serrulate. *Flesh* 1-3.5 mm thick in the centre of the pileus, 0.7-1.5 mm halfway to the margin, thin, hygrophanous, brittle, concolorous, drying pallid white but brownish beneath the surface of the pileus. *Smell* like mushrooms (*Agaricus*) or gravy, not strong.

On the ground (? from roots), on wood and on lawns. Malay Peninsula, rather common.

Spores 7-9 x 6-6.5 μm , dark purple brown in the mass, opaque purple brown under the microscope, ellipsoid, verrucose from irregular and often flange-like purple brown thickenings of the spore-wall, the ends of the spore smooth, adaxial patch small or none. *Basidia* dimorphic, long basidia c. 33 x 11.7 μm , short basidia c. 25 x 11.4 μm , clavate-stipitate; sterigmata 4, 3 μm long. *Cheilocystidia* 20-65 x 8-16 μm , very variable in shape, cylindric and often flexuous, clavate to more or less ventricose and then often with subcapitate apex 6-9 μm wide, with transitions to sterile basidia, thin-walled, colourless, smooth, as a sterile gill-edge. *Pleurocystidia* none. *Caulocystidia* -70 x 4-7 μm , cylindric to subclavate, flexuous, thin-walled, smooth, colourless. *Pileus* covered with a palisade of thin-walled, smooth, clavate cells 30-80 x 12-25 μm , the subterminal 1-2 cells also more or less inflated. *Hyphae* of the pileus 8-25 μm wide, the hypodermal hyphae with thin, pale brown, subannular, plaque-like incrustation. *Hyphae* of the stem 8-25 μm wide, 3-6 μm at the surface.

Note. This common Malayan fungus develops fruit-bodies at all times of the year after heavy rain-storms. I had always assumed it to be *P. trechispora* Petch but, on studying the recent accounts of that fungus by Pegler (1986) and by Pegler and Young (1992), I have decided to describe it as a new species rather than as a variety. The main distinction lies in the spores which, in *P. malayana*, do not have the wrinkled exospore (myxospore) of *P. trechispora*; the warts of *P. malayana* are thickenings of the endospore and coloured in the same way. Then, the cheilocystidia and clavate cells of the pileus are much larger in *P. malayana*, and the cheilocystidia are much more variable in form. The colour of the pileus in *P. trechispora* is like that of *P. retispora* (here described). Certainly the fruit-bodies of the three species are very similar and

microscopic study is needed to distinguish them.

In October 1930 I watched the development of some 20 fruit-bodies in the Singapore Gardens Jungle. The pileus began to open in the morning and was not fully expanded (5-7 cm wide) until next morning. They remained like this for $2\frac{1}{2}$ - 3 days before collapsing.

3. *Psathyrella retispora* sp. n.

Figure 1, Plate 2

Pileus 2-8 cm latus, conico-convexus dein planus, umbonatus ruguloso-reticulatus, badiobrunneus vel badio-subferrugineus, dein ochraceus disco ferrugineo-brunneo; margine glabro. *Stipes* 3-9 cm x 4-8 mm, cylindricus fistulosus fragilis, vix fibrillosus, albus. *Lamellae* adnexae confertae angustae, 42-55 primariae 2.5-4.5 mm latae, ordinibus 4-5, albae dein pallide brunneo-ochraceae, ultimo fuscibrunneae. *Sporae* 9-10.5 x 5-6 μ m, in cumulo fusci-chocolateae, amygdaliformes reticulatae, apice laevi protruso, macula adaxiali bene distincta. *Cheilocystidia* 40-58 x 10-18 μ m, plerumque clavata. *Pleurocystidia* nulla. *Superficies pilei* cellulis clavatis instructa. *Ad terram* solitaria, gregaria vel subcaespitosa. *Peninsula Malayana*. *Typus*, *Corner s.n.* 13 April. 1941, Johore (alc.form.).

Pileus 2-8 cm wide, conico-convex then plane or concave, umbonate, hygrophanous, smooth or more or less reticulate towards the disc, not striate or slightly near the margin, bay brown or dark rich ferruginous bay becoming paler on expansion and ochraceous with ferruginous brown centre, livid towards the margin; margin incurved at first, entire, glabrous. *Stem* 3-9 cm x 4-8 mm, cylindric, stout, fibrous, easily snapping, hollow, white. *Veil* fibrillose, very thin, white, evanescent. *Gills* adnexed, not ventricose, crowded, narrow, 42-55 primaries 2.5-4.5 mm wide, 4-5 ranks, white then pale brownish ochraceous, finally date-brown fuscous, paler to the whitish edge. *Flesh* rather thick, firm in the pileus, brittle in the stem, white.

On bare ground in forest or plantations, solitary, gregarious or several fruit-bodies connate at the base. *Malay Peninsula*.

Spores 9-10.5 x 5-6 μ m (overall), fuscous chocolate in the mass, amygdaliform, irregularly reticulate with superficial coloured meshes 0.2-0.5 μ m high, with smooth adaxial patch and smooth subacute end. *Basidia* dimorphic; long basidia 36-43 x 11.3-12.3 μ m, short basidia 29-35 x 10.3-11.9 μ m; 4-spored. *Cheilocystidia* 40-58 x 10-18 μ m, mostly clavate, obtuse to almost subtruncate, occasionally subventricose, thin-walled, smooth, colourless, contents fairly dense, as a sterile gill-edge. *Pleurocystidia* none. Surface of pileus with a palisade of clavate hyphal ends. *Collections* - Singapore, Gardens Jungle, *Corner s.n.* 1 March 1944; Johore, Sungei Pendas Rubber Estate, *Corner s.n.* 13 April 1941.

Note. Macroscopically this is almost indistinguishable from *P. malayana* and is surely overlooked in consequence but the stem is usually attenuate upwards in *P. malayana*.

4. *Psathyrella splendens* sp. n.

Figure 1, Plate 3

Pileus 5-15 cm latus, convexus dein fere planus, siccus, primo badiofulvus, minute subtomentosus, dein

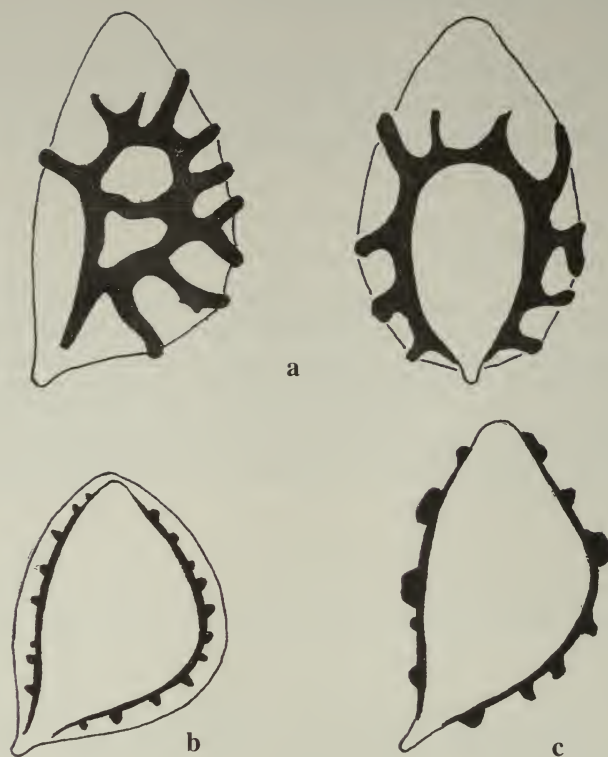


Figure 1. Spores of *Psathyrella retispora* (a), *P. splendens* (b) and *P. malayana* (c); x5000.

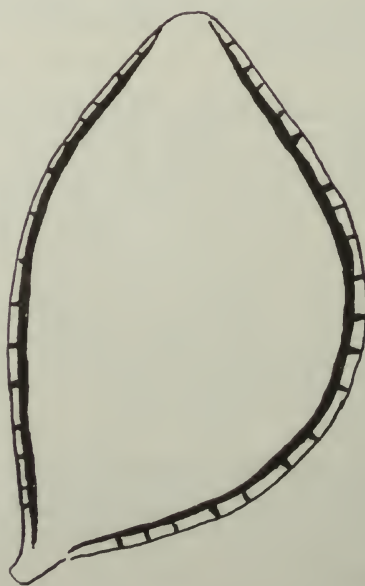


Figure 2. Spore of *Psathyrella verrucispora*; x5000.

pallide ochraceifulvus, appresse squamulosus, veli pannis fuscis vel pallidis sparsis in zonis concentricis obtectus, disco castaneo-umbrino subtomentoso. Stipes 7-18 cm x 5-18 mm ad apicem, 6-25 mm ad basim fusiformi-bulbosum, firmus, solidus vel in aetate fistulosus, albus dein subochraceus vel brunneolus, sub annulum veli pannis subfuscis peronatus, superne albipruinosis. Annulus crassus lanneus albus, 5-12 mm sub stipitis apice. Lamellae breviter decurrentes, raro sinuatoadnatae, confertae, 70-100 primariae 3.5-8 mm latae, ordinibus 4(-5), albae dein subincarnatae, ultimo vinacei-brunneae, acie lacrymanti. Caro 5-11 mm crassa in pilei centro, firma alba. Odor fragrans, haud fortis. Sporae 6.5-8 x 5-7 μm , in cumulo alte vinaceibrummeae, ovoideae verruculosae, verrucis 0.2-0.3 μm altis in exosporio inclusis, sine macula adaxiali. Cheilocystidia 35-70 x 7-14 μm , clavata, ut lamellae acie sterili. Pleurocystidia nulla. Superficies pilei pseudoparenchymatica. Ad terram in silva solitaria vel gregaria. Peninsula Malayana, Borneo. Typus, *Corner s.n.* 9 Mar 1930, Singapore.

Pileus 5-15 cm wide, convex then nearly plane, dry, at first deep fulvous bay or auburn and wholly minutely appressedly subtomentose, becoming paler ochraceous fulvous with the surface breaking up into small appressed scales with large thin fuscous or pallid patches of the veil scattered in concentric zones towards the margin, the disc persistently chestnut umber and subtomentose, no separable pellicle; margin strongly incurved at first. *Stem* 7-18 cm x 5-18 mm at the apex, 6-25 mm at the usually bulbous fusiform base, white discolouring pale ochraceous or brownish, appressedly peronate with subfuscous fragments of the veil up to the ring, white pruinose scurfy above the ring, stout, firm, fibrillose, solid then hollowing in age. *Ring* well-marked, white then fuscous purplish or vinaceous from the spores, thick and woolly at first but soon collapsing and membranous, placed 5-12 mm below the stem-apex. *Gills* shortly decurrent, rarely sinuato-adnate with a decurrent tooth, crowded, thin, c. 70-100 primaries 3.5-8 mm wide, 4(-5) ranks, white then pinkish, finally vinaceous brown; edge white, sinuate, serrulate, exuding liquid drops (as the stem-spex) when young and fresh. *Flesh* 5-11 mm thick in the centre of the pileus, 1-4 mm halfway to the margin, firm, rather thick, white. *Smell* faint, somewhat of almond and caramel, pleasant.

On the ground in forest, singly or in troops, less often subcaespitose, shortly rooting. Malay Peninsula, Borneo, frequent.

Spores 6.5-8 x 5-7 μm , commonly 7.5-6.7 x 6.3 μm , deep vinaceous brown or russet vinaceous in the mass (not purplish), fuscous purplish under the microscope, broadly ellipsoid, subacute, punctate verruculose, wholly surrounded with a hyaline, not gelatinous, exospore c. 0.5 μm thick enclosing the warts 0.2-0.3 μm high, without adaxial patch. *Basidia* dimorphic; long basidia 35-43 x 7.3-9 μm , short basidia 28-34 x 7-9 μm ; sterigmata 4, 3 μm long; paraphyses none. *Cheilocystidia* 35-70 x 7-14 μm above, 3-4 μm at the base, clavate with flexuous stalk, thin-walled, smooth, with cloudy vacuolate contents, colourless, as a sterile gill-edge. *Pleurocystidia* none. *Caulocystidia* clustered on the stem-apex above the ring, as the cheilocystidia but shorter and often cylindric. *Hyphae* of the pileus colourless, thin-walled, interwoven-radiating with abundant air-spaces, the cells 50-150 x 5-20 μm , forming a compact pseudoparenchyma at the surface with short irregular cells 5-20 μm wide, this layer 150-180 μm thick over the centre of the pileus and thinning off in the peripheral part of the limb to radial and slightly compacted hyphae with short cells 20-50 x 10-20 μm ; outer hyphae of the

pseudoparenchyma rather narrow with brownish walls giving off the loosely entangled brown-walled hyphae of the veil 3-8 μm wide; flesh over the gills with cells 20-50 x 10-30 μm , compacted into a turgid pseudoparenchyma. *Hyphae* of the stem longitudinal, compact, 8-25 μm wide with long cells, 3-6 μm wide at the surface and mostly collapsed with yellowish walls. Gill-trama with descending hyphae 3-12 μm wide, long-celled, 3-4 μm wide and interwoven in the subhymenium, 12-20 μm wide with short cells in the intermediate layer c. hyphae thick. All septa with clamps.

Collections - Singapore Gardens' Jungle Sing. *F.N.* 5946; *Corner s.n.* Sept. 1929, Sept. 1930; Bukit Timah, *Corner s.n.* Sept. Oct. 1929, 1930; Reservoir Jungle, *Corner s.n.* 9 Feb. 1930.- Johore, Gunong Panti, *Corner s.n.* March 1930.- Borneo, Mt. Kinabalu, *RSNB* 8152.

Note. Among the paintings of Ridley's collections of fungi from Singapore *n.* 29, 20 Sept. 1907, is undoubtedly *P. splendens* but the species seems not to have been taken up by Masee. On this painting Chipp has written '= 5946' which is Sing. *F.N.* 5946 collected by F. Flippance. Then Chipp (1921) placed this number under *Stropharia umbonata* Mass., typified by Ridley *n.* 36J, which is a different species from *P. splendens* and with smooth spores may belong in *Stropharia*. The third collection cited by Chipp, namely *Flippance* 6178, seems also to be *S. umbonata*.

Development of the fruit-body. In October 1930, I watched the development of 8 fruit-bodies in the Singapore Gardens Jungle. The pileus expanded and ruptured the veil during the night. On the previous day the fruit-bodies were 7-11 cm high with unopened pilei 3.5-5.3 cm wide. On the following night the pilei expanded to full size, 4.5-11.5 cm wide, and lasted for a further 3-4 days. My observations began on 2 October and the fruit-bodies had evidently developed after the heavy rain which began on 24 September. The unexpanded fruit-bodies could not have been more than 7 days old. Hence the life of the fruit-body appears to be 13-14 days with nocturnal rupture of the veil on the 8th night.

5. *Psathyrella verrucispora* sp. n.

Figure 2, Plates 4 and 5

Pileus 1.5-8 cm latus, campanulatus dein convexo-planus, centro subdepresso, glaber hygrophanus rivuloso-rugosus, primo badiirufus dein umbrinobruneus; margin primo fibrilloso rachnoideo. Stipes 2.5-11 cm x 1.5-6 mm ad apicem, 2-10 mm ad basim, albivillosus fragilis, albidus dein fuscibrunneus, deorsum ad medium fibrilloso-subzonatus. Velum arachnoideum evanescens. Lamellae adnatae vel sinuato-adnatae, vix confertae, latae, 21-30 primariae 5-9 mm latae, ordinibus 3-4, albiae dein pallide purpureofuscae vel vinaceo-cinnamomeae, acie serrulata albida. Caro 1-1.5 mm crassa in pilei centro, hygrophana. Odor raphanaceus vel ut foenum-graecum. Sporae 9.5-12 x 6.5-8 μm , in cumulo fuscipurpureae, amygdaliformes verruculosae, apice hyalino laevi, sine macula adaxiali. Cheilocystidia 20-35 x 8-14 μm , clavata vel ventricosa cum apice subacuto elongato. Pleurocystidia 38-78 x 13-17 μm , ventricosa, tenuiter tunicata, laevia, etiam apice elongato. Superficies pilei cellulis irregulariter clavatis 30-70 x 20-60 μm , tunicis ochraceibrunneis laevibus, plus minus hymeniodermia. In humo in silva, gregaria vel subcaespitosa. Peninsula Malayana. Typus, *Corner s.n.* Aug. 1929, Johore.

Pileus 1.5-8 cm wide, campanulate then convexo-plane, centre slightly depressed,

rivulose-rugose from the disc almost to the margin, at first bay-brown rufous then date-brown umber, drying rufous fawn to pale fawn tan with bay-brown umber, drying rufous fawn to pale fawn tan with bay-brown and minutely cracked disc; margin incurved at first and arachnoid with silky white fibrils (remains of veil). *Stem* 2.5-11 cm x 1.5-6 mm at the apex, 2-10 mm at the white villous bases, attenuate upwards, brittle, stuffed then hollow, fibrillose and often with faint zones in the lower two thirds, whitish to dingy brownish ageing fuscous. *Veil* cortinate, at first rather thick, evanescent, not forming a ring. *Gills* sinuate-adnate to broadly adnate, not or scarcely crowded, broad, thin, 21-30 primaries 5-9 mm wide, 3-4 ranks, pallid white then pale purplish fuscous or pale vinaceous cinnamon, edge whitish and serrulate. *Flesh* 1-1.5 mm thick in the centre of the pileus, less than 0.5 mm over the limb, hygrophane, drying whitish and rather spongy, pale dingy yellowish fawn in the stem. *Smell* rather strong and peculiar, of radish and fenugreek.

In forest humus, gregarious or subcaespitose. Malay Peninsula.

Spores 9.5-12 x 6.5-8 μm (overall), fuscous purple in the mass, amygdaliform, verrucose with conico-truncate coloured warts within the thin mucilaginous exospore 0.2-0.3 μm thick, without adaxial patch. *Basidia* dimorphic; long basidia 32-38 x 9-10 μm , short basidia 23-29 x 7-9 μm ; sterigmata 4, 4 μm long. *Paraphyses* none. *Cheilocystidia* 20-35 x 8-14 μm , clavate or ovoid, or ventricose and prolonged -60 μm with subacute apex 3-4 μm wide, thin-walled, colourless, as a sterile gill-edge. *Pleurocystidia* 38-78 x 13-17 μm , ventricose, thin-walled, colourless, smooth, some lanceolate with prolonged narrow apex 50-100 x 9-12 μm with apex 1-2.5 μm wide. *Hyphae* of pileus 3-15 μm wide, loosely interwoven but short-celled -35 μm wide and pseudoparenchymatous in the subhymenium. *Hyphae* of the stem 10-20 μm wide, 3-5 μm at the surface, longitudinal, without distinct caulocystidia. Surface of pileus with a palisade of irregularly clavate cells 30-70 x 20-60 μm with smooth yellowish brown walls, very compact and almost pseudoparenchymatous as if cemented together.

Collections - Singapore, Gardens Jungle, *Corner s.n.* July and September 1929, 10 Sept. 1940, 28 March 1943; Reservoir Jungle, *Corner s.n.* Oct. 1929; Mandai Road, *Corner s.n.* Aug. 1929.

var. **minima** v. nov.

Differt receptaculis minimis, pileo 4-8 mm lato, stipite 15-20 x 1 mm, lamellis primariis 15-20, -2.5 mm latis, ordinibus 2-3. Ad terram, solitaria, Singapore. Typus, *Corner s.n.* 3 Sept. 1934.

Pileus smooth, persistently convex, pale fawn tan, disc subrufous, whitish towards the margin. *Cheilocystidia* 15-40 x 8-17 μm , mostly clavate or subcylindric, some ventricose-lanceolate. *Pleurocystidia* 40-80 x 12-20 μm , ventricose-lanceolate with prolonged subacute to obtuse process, thin-walled smooth, colourless.

Note. Superficially this species is so like *P. malayana* and *P. retispora* that one must

look at the wide gills and test the smell. Microscopically the spores and pleurocystidia are distinctive. At one time I thought this species might be *Hypholoma elatum* Mass. (Kew Bull. 1908, 5), described from Singapore with *Ridley n. 83E* as the type. The painting of this collection shows a strongly and acutely umbonate pileus with extensively and closely cutifract squamulose limb and dark fuliginous grey to blackish gills. Though the gills are broad, the painting cannot represent the fungus which I describe; it does not fit any fungus known to me.

Var. *minima*, with typical spores of *V. verrucispora*, shows the diminution of fruit-body which occurs in some agarics, perhaps related to the circumstances of mycelial growth.

The Basidium-unit in *Psathyrella* with Ornamented Spores

This investigation was undertaken in 1944 at the Singapore Botanic Gardens when Kwan-Koriba was the director. It was one of the many ways by which we passed the time during the anxious years of the Occupation. The results confirm the general theory of basidium-geometry (Corner 1972, Wasser and Berger 1980, 1983). There are some discrepancies but it must be remembered that any close agreement between observed and theoretical results is remarkable because there is no explanation why this should be except that of the geometry of the unit based on spore-spacing, the sporograph, the basidiograph and the ampoule effect. These matters are eschewed by textbooks. The main points for the four Malayan species which I studied in detail are the following.

The basidia are dimorphic. The difference in length between long and short basidia is, roughly, that of spore-length. Thus, taking the averages that I obtained (not the mean values):—

	Difference in basidium length (μm)	Spore length (μm)
<i>P. verrucispora</i>	9.0	10.6
<i>P. malayana</i>	8.0	8.0
<i>P. retispora</i>	7.0	9.5
<i>P. splendens</i>	6.9	7.0 -- 7.25

Concerning differences in the width (w) of long and short basidia, I am doubtful if such as I found have any significance. Thus :-

	long basidia (μm)	short basidia (μm)
<i>P. malayana</i>	11.8	11.4
<i>P. retispora</i>	11.6	11.0
<i>P. verrucispora</i>	9.7	8.0
<i>P. splendens</i>	8.1	8.1

The point is that the values for this comparison cannot be made on the same undisturbed fruit-body. The long basidia mostly shed their spores and begin to collapse before the short basidia are fully grown, and there are commonly slight differences in the size of the basidia and the spores in different fruit-bodies of the same species. The best way of measuring basidium-width is by means of the mature basidium-circles as seen in apical view of the basidia. Lateral compression may render the basidium-circle into an ellipse with long and short diameters which cannot be detected in lengthwise view, though the mean of the two diameters gives generally much the same result.

In *P. splendens* and *P. verrucispora*, both with thin exospore and without adaxial patch, there is no compression of the spore-circles. The ratio of spore-width (d) to basidium-width (w) is, respectively, $\underline{d}=0.63\underline{w}$ and $\underline{d}=0.70\underline{w}$; that of the typical uncompressed basidium-unit is $\underline{d}=0.65\underline{w}$.

By contrast, in *P. malayana* and *P. retispora*, both without exospore but with an adaxial patch, there is compression as shown by their ratios, respectively, $\underline{d}=0.55\underline{w}$ and $\underline{d}=0.51\underline{w}$.

I take this to imply, as with the *Boletus*-spore, that compression leads to loss or complete mucification of the exospore. The compression in this case would arise from interference of crowded basidium-units, not from incurvature of the hymenium as in *Boletus*. As proof, the spores are distinctly dilated tangentially in *P. retispora* with radial diameter $5.60\mu\text{m}$ and tangential $6.25\mu\text{m}$ on average. I did not observe spore-compression in *P. malayana* and *P. verrucispora* but it occurs *P. splendens* with diameters $5.09\mu\text{m}$ and $5.74\mu\text{m}$ respectively. In *P. verrucispora* it seems that the short basidia produce narrower spores (? more compressed) than the long basidia.

In the following notes the intention has been to test the geometrical theory of the basidium-unit by comparison of actual measures with theoretical prediction. I have used the same symbols as in my account of the *Boletus*-spore. Thus :- $\underline{D}$ is spore-length, $\underline{d}$ is spore-width with $\underline{dr}$ and $\underline{dt}$ for radial and tangential diameters, $\underline{w}$ is basidium-width. $\underline{S'}$, $\underline{S''}$ and $\underline{S'''}$ are the diameters of the outer, the middle and the inner spore-circles. $\underline{M}$ is the diameter of the sterigmatic circle. θ is the angle made by the long axis of the spore with that of the sterigma. All the measures are in microns.

Table 1. *Psathyrella malayana*

Observations in microns

	$\underline{D}$ or $\underline{l}$	$\underline{d}$	$\underline{w}$	$\underline{S'}$	$\underline{S''}$	$\underline{S'''}$	$\underline{M}$
Spore-print mean	8.00	6.25					
Basidium short mean	23.50		11.00				
11 long basidia average	33.18		11.76				
21 short basidia average	25.18		11.39				
22 spore-circles average exosp.		6.08	11.01	17.41	11.33	5.26	
22 spore-circles average endosp.		4.67	11.01	15.78	11.11	6.45	
20 sterigmatic circles, av.			11.38				8.25

Taking $\underline{d} = \frac{\underline{S' S''}}{\underline{S'''}}$, then for the exospore $\underline{w}=8.08 \mu\text{m}$; for the endospore $\underline{w}=9.16 \mu\text{m}$

Both these figures are too low for the observed averages of $11.01 \mu\text{m}$ to $11.76 \mu\text{m}$.

Taking $\underline{M} = \underline{S''} - 0.7\underline{d}$, then for the exospore $\underline{M}=7.07 \mu\text{m}$; for the endospore $\underline{M}=7.84 \mu\text{m}$.

While $\underline{M}$ for the endospore agrees moderately well with the observed value $8.25 \mu\text{m}$, that for the exospore is too low.

For the exospore $\underline{d}=0.55\underline{w}$, for the endospore $\underline{d}=0.42\underline{w}$. These ratios indicate considerable compression of the spore-circles.

Table 2. *Psathyrella retispora*.

Observations in microns

	<u>D</u>	<u>dr</u>	<u>dt</u>	<u>w</u>	<u>S'</u>	<u>S''</u>	<u>S'''</u>	<u>M</u>
Spore-print mean	9.75	5.50						
22 spores, av.	9.39	5.60						
6 spores, av.			6.25					
20 spore-circles average		5.72			16.83	11.11	5.39	
10 spore-circles average				10.46				
11 sterigmatic circles, av.				11.51				8.03
10 basidia average				11.31				
5 long basidia average				11.63				
5 short basidia average				11.00				

Long basidia average 38.44 μ m long, short basidia 31.44 μ m

Taking the same equations as for *P. malayana*, then $\underline{w}=8.16\ \mu\text{m}$, which is clearly too small compared with the observed average values 10.46-11.62 μm . Then with $\underline{S}''=11.11\ \mu\text{m}$ and $\underline{d}=5.72\ \mu\text{m}$, $\underline{M}=7.11\ \mu\text{m}$ which is also small compared with the observed average 8.03 μm .

Taking $\underline{d}=5.72\ \mu\text{m}$ and $\underline{w}=11.2\ \mu\text{m}$ (as the average of 5 values), then $\underline{d}=0.51\underline{w}$, which shows considerable compression of the spore-circles as well as the spore.

If the usual relation for uncompressed values is taken then $\underline{d}=7.28\ \mu\text{m}$, which is clearly too high. If this value is taken for $\underline{d}$, then $\underline{S}'''$ should be about 7.5 μm to satisfy $\underline{w}=11.3\ \mu\text{m}$, and this shows the compression of the spore-circles.

Table 3. *Psathyrella splendens*.
Observations in microns

	<u>D</u> or <u>l</u>	<u>d</u>	<u>w</u>	<u>S'</u>	<u>S''</u>	<u>S'''</u>	<u>M</u>
Spore-print mean	7.25 7.00	6.00 5.50					
43 spores average	7.07	5.09					
12 long basidia average	38.13		8.08				
19 short basidia average	31.23		8.08				
32 spore-circles average		5.31	8.54	16.82	11.51	6.18	
22 sterigmatic circles, av.			8.75				7.41

d_t is 5.74 μm on average.

Taking the same equations as for *P. malayana*, then w=9.03 μm and M=7.79 μm. These values are slightly higher than observed. If M=7.41 μm, as observed, then d=5.86 μm, which is again but slightly higher than observed.

Taking the theoretical equation $\underline{d} = \frac{\underline{S''} - \underline{M}}{\sin \theta}$ and with S'' as 11.51 μm and M as 7.41 μm, the spore-angle θ is 45° and d is 5.33 μm. Alternatively with d=5.31 μm, then θ is 44° 28'.

I conclude that all these results are close enough to confirm the general theory of basidium-geometry.

Table 4. *Psathyrella verrucispora*.

Observations in microns

	<u>D</u> or <u>l</u>	<u>d</u>	<u>w</u>	<u>S'</u>	<u>S''</u>	<u>S'''</u>	<u>M</u>
Spore-print mean	10.75	7.25					
36 spores, average	10.61	6.77					
10 spore-circles average *				17.10	10.65	4.20	
20 spore-circles long basidia, average		7.24		20.62	13.38	6.15	
12 spore-circles short basidia, average		6.50		18.25	11.77	5.30	
16 sterigmatic circles, long basidia, average							9.23
12 sterigmatic circles, long basidia, average							6.80
28 sterigmatic circles, mixed average							8.84
Sterigmatic circle direct measure average							9.00
43 basidia, average	30.58		9.03				
13 basidia, apical view, average			9.90				
Long basidia, mean	35.00		9.50				
Short basidia, mean	26.00		8.00				
Both kinds, mean			9.63				

* including both long and short basidia.

Taking the same equations as with *P. malayana*, then

$\underline{w}$ =9.48 μ m for long basidia : average observed value 9.5 μ m.

$\underline{w}$ =8.23 μ m for short basidia : average observed value 8.0 μ m.

$\underline{M}$ =8.33 μ m for long basidia : average observed value 9.23 μ m.

$\underline{M}$ =7.20 μ m for short basidia : average observed value 6.8 μ m.

$\underline{w}$ =8.84 μ m as the observed average for both kinds of basidium.

Taking the equation for θ (as with *P. splendens*), then with θ as 45°, $\underline{d}$ =7.13 μ m for long basidia and 6.43 μ m for short basidia, and this compares favourably with the average value 6.77 μ m for all the spore-measurements.

These results from living basidia agree closely with the theoretical. The slight discrepancy with $\underline{M}$ may be the effect of incipient collapse of the basidium with incurvature of the sterigmata.

Sporograph of *Psathyrella*

In comparing spores I find it desirable to present the issue graphically by means of the sporograph. The data for the species with ornamented spores have been taken from Tables 1-4. The resulting sporograph is shown in Figure 3. It does not include the two species described by Pegler and Young because they excluded the myxosporium (exospore) in their measurements. The resulting figure was so uncertain that I decided to test it with a sporograph based on the European species with smooth spores described by Kits van Waveren (1985). I took the mean size of the overall spore-measures of the 96 species. The resulting sporograph is given with black circles in Figure 4. There is a remarkable scatter which shows, if vaguely, the usual tendency of the long spores to become relatively narrower. The scatter might become more orderly if this generic sporograph were itemised into the sectional categories used by Kits van Waveren. It is possible, also, that some species may have dimorphic basidia with slightly different spores, as I found in *P. verrucispora*. However, when the points for the species with ornamented spores are superimposed (as open circles) on this generic sporograph, it becomes clear that *P. malayana*, *P. splendens* and *P. verrucispora* have relatively wider spores on account of the presence of the exospore or ornamentation. Thus, the point for the endospore of *P. malayana* fits with the sporograph of the smooth spores. Then, if the points for *P. nigeriensis* and *P. trechispora* are added, they also fit with the smooth spores, being endospore measures. It is probable that my data for *P. retispora* were based on endospores. I take this generic sporograph as confirmation that the smooth spore, found generally in *Psathyrella*, is an endospore.

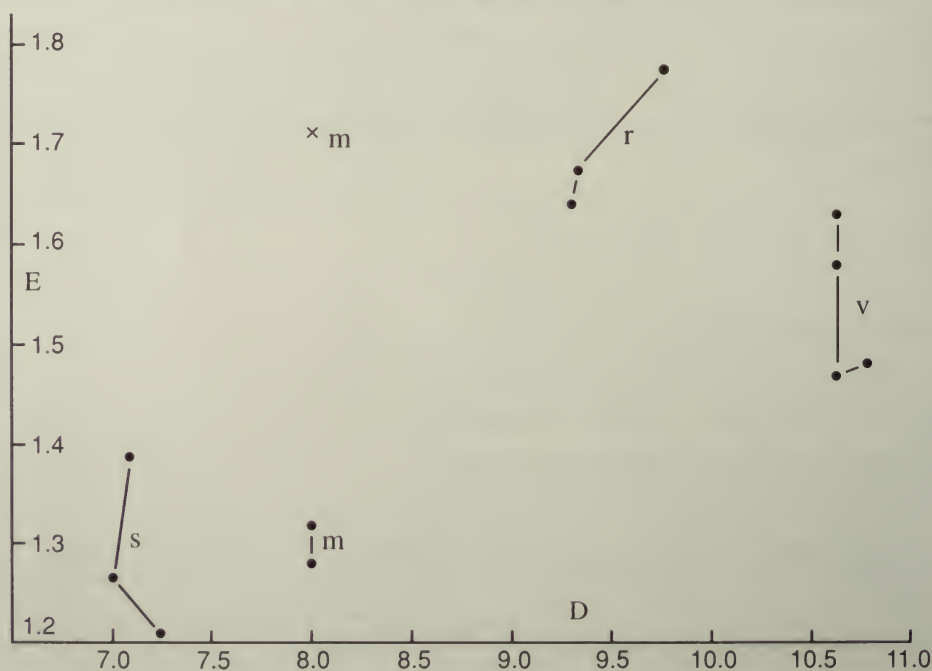


Figure 3. Sporograph for the Malayan species of *Psathyrella* with ornamented spores. *P. malayana* (m) with endospore at x, *P. retispora* (r), *P. splendens* (s) and *P. verrucispora* (v).

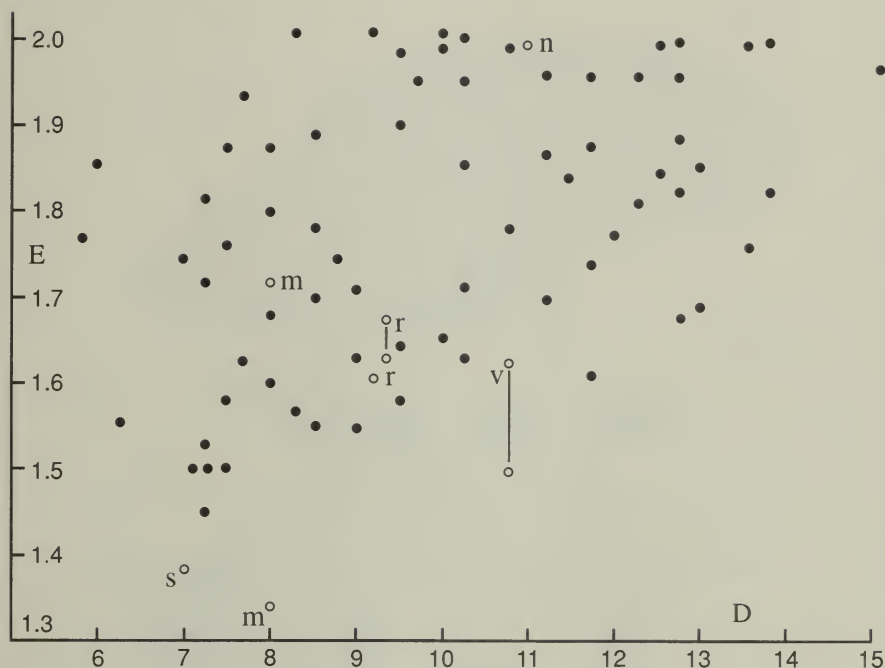


Figure 4. Sporograph for the 96 species of *Psathyrella* with smooth spores, described by Kits van Waveren (1985) with species-points as black circles. Open circles for the species with ornamented spores as *P. malayana* (m), *P. nigeriensis* (n), *P. retispora* (r), *P. splendens* (s), *P. trechispora* (t) and *P. verrucispora* (v).

Basidiograph

As the sporograph illuminates the nature of spores in an alliance, so the basidiograph displays that of the basidia. The basidiograph for the Malayan species with ornamented spores is shown in Figure 5. It indicates the same trend for both long and short basidia, but the data are too few to draw any definite conclusion. I refrain from comparing my results with the data of Kits van Waveren and Pegler and Young because their measures were taken from dried specimens and such, in my experience, are never sufficiently exact for the basidiograph. The pleurocystidium of *P. verrucispora* seems to fit its basidial locus rather than the steeper locus that one might derive for all four species. Again, there enters the problem of sectional distinction with separation of the species and their alignment, possibly, with smooth-spored species. It will be a huge undertaking but necessary for the understanding of *Psathyrella*.

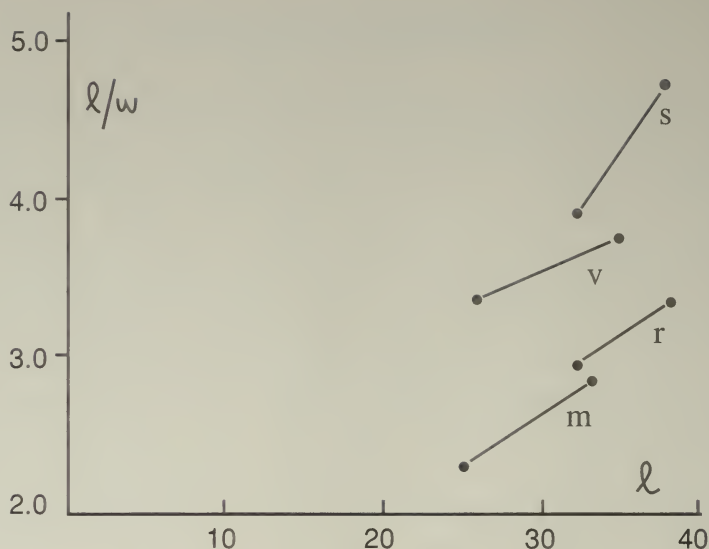


Figure 5. Basidiograph of the Malayan species of *Psathyrella* with ornamented spores. *P. malayana* (m), *P. retispora* (r), *P. splendens* (s) and *P. verrucispora* (v).

References

- Chipp, T.F. (1921). A list of the fungi of the Malay Peninsula. *Gard. Bull., Straits Settlements II*, n. 9-11: 311-418.
- Corner, E.J.H. (1972). Studies in the basidium. Spore-spacing and the Boletus-spore. *Gard. Bull., Sing. XXVI*: 159-194.
- (1983). Ad Polyporaceas I. *Amauroderma* and *Ganoderma*. *Beih. Nova Hedwigia* 75.
- (1989). Ad Polyporaceas V. *Beih. Nova Hedwigia* 96: 11.
- Pegler, D.N. (1986). Agaric Flora of Sri Lanka. *Kew Bull. Add. Ser. XII*: 338.
- Pegler, D.N. and T.W.K. Young (1971). Basidiospore morphology in the Agaricales. *Beih. Nova Hedwigia* 35.
- (1992). Tropical species of *Psathyrella* with ornamented spores. *Myc. Res.* 96: 503-506.
- Kits van Waveren, E. (1985). The Dutch, French and British species of *Psathyrella*. *Persoonia Suppl.* vol. 2.
- Singer, R. (1975). The Agaricales in modern taxonomy. J. Cramer: Vaduz.
- Smith, A.H. (1972). The North American species of *Psathyrella*. *Mem. N.Y. Bot. Gdn* 24: 1-633.
- Wasser, S.P. and E.G. Berger (1980). Analysis of the basidium of higher Basidiomycetes on the basis of geometrical dependencies. *Mycotaxon* 10: 351-364.
- (1983). Geometrical dependencies of Agaricaceae (Fr.) Cohn. Basidia as an additional taxonomic criterion. *Sydowia, Annls Mycol. ser. II*, 36: 293-307.
- Watling, R. (1979). Studies in the genera *Lacrymaria* and *Panaeolus*. *Notes Bot. Gdn Edin.* 37: 369-380.



Plate 1. *Psathyrella malayana*, from Bukit Timah, Singapore, 7 April 1941.



Plate 2. *Psathyrella retispora*, from Sungei Pendas, Johore, 3 April 1941.



Plate 3. *Psathyrella splendens*, from Reservoir Jungle, Singapore 25 Aug. 1940.



Plate 4. *Psathyrella verrucispora*, from Gardens Jungle, Singapore 28 March 1943.



Plate 5. *Psathyrella verrucispora*, from Gardens Jungle, Singapore 10 Sept. 1940.

Observations on Malaysian Bolbitiaceae with Records from Solomon Islands

ROY WATLING

Royal Botanic Garden,
Edinburgh EH 3 5LR
Scotland, UK

EFFECTIVE PUBLICATION DATE : 31 MARCH 1994

Abstract

Fifteen taxa of Bolbitiaceae, belonging to the three main genera and sections thereof, are described from Malaysia including four new taxa viz. *Agrocybe malesiana*, *Bolbitius malesianus*, *Conocybe mitrispora* & *C. huijsmanii* var. *conica*. Some interesting records from the Solomon Islands are also included.

Introduction

Through the kindness of Professor E. John H. Corner it has been possible to examine collections of Bolbitiaceae he made over the years in S.E. Asia, particularly the results of his expeditions to Mt Kinabalu, Borneo (= Sabah) and the Solomon Islands. To these have been added collections made by the author whilst staying at the Forest Research Institute Malaysia, Kepong (Watling, 1992a) and miscellaneous material from other workers.

Methods and Materials

Fresh collections were described by both E.J.H Corner and the author following long traditions summarized in Henderson, Orton & Watling (1969). Microscopic characters in Corner's notes and in the present contribution follow this same publication in addition to Jossierand (1952). Whenever possible, water-colour paintings were made of the fresh material to later accompany the dried specimens.

Herbarium material was prepared by drying specimens at a relatively low temperature (40-45°C) in a well ventilated drier. The dried material was sectioned by hand using a single edged razor blade or saturated in a 10% aqueous solution of glycerol before being sectioned on a freezing microtome (Reichert OmP 399) with a thermocouple cooling attachment stage.

All material was mounted in water or in 10% aqueous solutions of ammonium hydroxide. Microscopic examinations were carried out using a Leitz Diaplan microscope with drawing tube (Camera lucida) and phase contrast facilities.

Taxonomic Account

This listing has been arranged as outlined by Watling & Gregory (1981) and Watling (1982).

Abbreviations used in references to some collections are:

RSNB = Royal Society Expedition to Borneo in 1961.

RSS = Royal Society Expedition to the Solomon Islands in 1965.

The author's collections and those from Professor E.J.H. Corner and G. Hadley have been deposited in the Herbarium, Royal Botanic Garden, Edinburgh (E).

Agrocybe Fayod

Ann. Sci. nat. (Bot.) VII 9: 358, 1889

Subgenus *Agrocybe*

Sección *Pediadeae* (Fr.) Singer in Beih. Bot. Centralblatt. 56B : 167, 1936

1. *A. arenicola* (Berk.) Singer

Fig. 1, J & N.

Beih. Bot. Centralblatt, 56B: 167, 1936.

Syn.: *Naucoria arenicola* (Berk.) Sacc. in Sylloge Fungorum 5: 845 1887.

Pileus 23-55 mm wide, convex then plane or concave, dry, smooth, more or less irregularly rugulose when young, then radially rimose on drying in the sun, pale cream-tan with the disc or slight umbo pale brownish tan; margin slightly incurved at first, without veil. *Stipe* 30-60 x 3-5 mm, gradually attenuate from subbulbous, white, villous base 5-8 mm wide, fibrous, firm, hollow, pallid then pale cream-ochraceous downwards, white pruinose upwards, appressedly fibrillose-floccose downwards. *Gills* rounded-adnexed, rather crowded, 40-46 primaries 4-7 mm wide, 3(-4) ranks, pallid then greyed fuscous brown. *Flesh* 2-3 mm thick in centre of pileus, rather soft but tough at maturity, whitish, unchanging. *Odour* slightly earthy. *Spore-mass* fuscous brown.

Basidia 4-spored, 8-10 x 24-25 μ m. *Basidiospores* 13-14 x 8.5-9.5 μ m, ellipsoid, slightly flattened in side-view, mid-ochraceous in water, darker in alkaline solutions, thick-walled, smooth with central germ-pore. *Cheilocystidia* scattered, 12-24 x 28-38 μ m, clavate, hyaline; *Pleurocystidia* not abundant, scattered, only towards margin, 12.5-15 x 30-36 μ m, clavate, hyaline. *Clamp-connections* present.

Habitat: in grass by sandy seashore.

Material examined: Sarawak, Bako National Park, 25 viii 1972, Corner P-140. Also holotype in K:South Africa, Uitenhage, Zeyher 110.

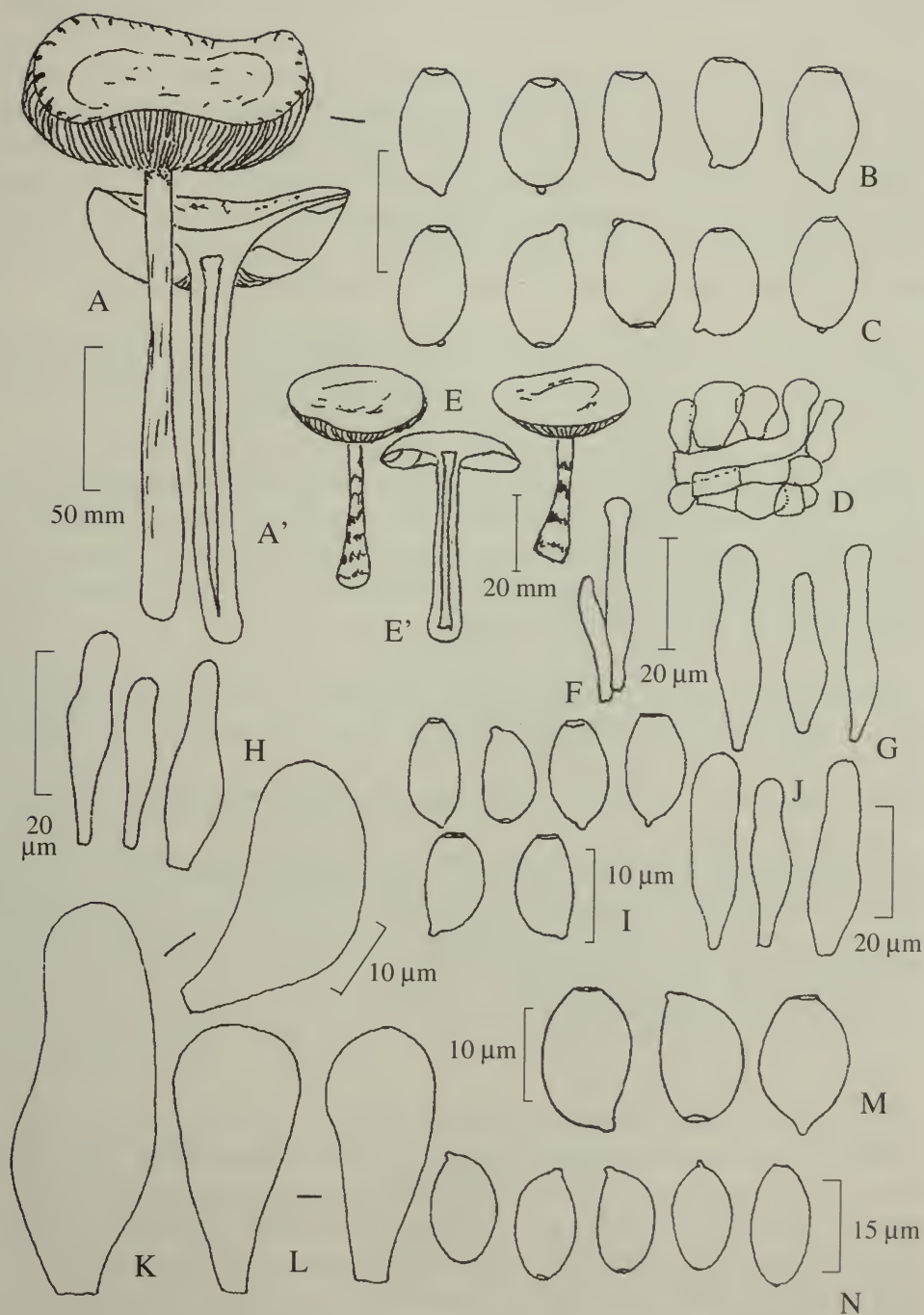


Figure 1.

Agrocybe arenicola was originally described from sandy ground at Uitenhage, S. Africa (Berkeley, 1843 as *Agaricus*). Its relationship with *Agrocybe arvalis* (Fr.) Singer and *A. vervacti* (Fr.) Singer was recognised at that stage and Saccardo (1887) made the necessary transfer to *Naucoria* when the genus *Agaricus* was dissected and where *A. vervacti* was ultimately placed. Singer (1936) when surveying the taxa of *Naucoria* with cellular pileipelles and brown basidiospores with a central germ-pore recognised the close relationship of *A. arenicola* with *A. semiorbicularis* (Bull.: St. Amans) Fayod, a view which Reid (1975) took even further after examining the type of *A. arenicola* by synonymizing Berkeley's fungus with *A. semiorbicularis*. Reid says 'The figure quoted by Fries from Paulet, under *A. vervacti* gives a tolerable notion of its general appearance'.

However, Singer (1968 & 1978) maintained the autonomy of *A. arenicola* based on the presence of 4-spored basidia and basidiospores measuring (11-) 12-15 (-18) x 7.5-9.5(-10.8) µm; type material in *K* has spores 12-14.75 x 6.5-9 µm.

Singer (1968) records the fungus from not only South Africa and Russia (N. Caucasus) but also from Uruguay & Argentina. He cites a single record from the Netherlands. From personal observations made in the Netherlands Singer (in *L*) had previously incorrectly considered this species to be *A. arvalis* (see Singer 1968 & 1969; Watling & Gregory, 1981).

Corner (pers. comm.) indicates that this agaric 'is a common species in grassy, sandy soils, especially by the sea'. He records it from the east coast of Johore at Jason Bay 'on bare sand in front of *Casuarina* trees accompanying *Inocybe* sp. just above the high-tide mark, in the full open, growing on runners of grasses and sedges (*Remirea*)'; Corner J-36, 17 vi 1972 - one packet with this same accession number only includes an *Inocybe* (*Mallocybe*) sp. with brownish, encrusted suprapellis elements and rather mummy-shaped basidiospores. Several species within the *A. semiorbicularis* group actively decompose straw, grass tillers etc.

2. *A. broadwayii* (Murr.) Dennis

Fig. 1, I, K & L.

Bull. Soc. Mycol. Fr. 69: 179, 1953.

Pileus 20--40 mm wide, convex then plane, subumbonate slightly depressed at centre, glabrous, smooth, smeary viscid, soon drying atomate, pale straw-yellow with disc pallid ochraceous tan, or wholly pallid ochraceous with darker disc, margin slightly incurved at first with very thin, fugaceous, arachnoid veil. *Stipe* 2.5-5.5 x 2.5-5.5 (3-6.5 mm at base) slightly swollen downwards, pale straw-yellow, fibrous to subsquamulose, white villose at base, hollow. *Gills* adnexed, sometimes nearly free, fairly crowded, subventricose, 2-3 ranks, 28-47 primaries, pallid then pale dirty fawn or subcinamon. *Flesh* 20-45 mm thick

under pileus-disc, 0.5-1.5 mm towards margin, rather soft, pale straw-white, unchanging. *Odour* strong mealy. *Spore-mass* fuscous ferrugineous or dingy fuscous fawn.

Basidia 4-spored, 10-12.5 μ x 25-35 μ m. Basidiospores, (10.5-)11-14(-15) x 6.8-8.3(-9.5) μ m, ellipsoid, slightly flattened in side-view, dull golden yellow in water, darker in aqueous alkaline solutions, thick-walled, smooth with central germ-pore. *Cheilocystidia* variable, globose to vesiculose or clavate, hyaline, 30-45 x 10-30 μ m; *pleurocystidia* collapsed, apparently similar to cheilocystidia.

Habitat: on bare soil.

Material examined: Pahang, Tembeling, amongst young maize plants in village holding, 15 xi 1930, legit Corner as *Naucoria* 5.

Agrocybe broadwayii is a common pantropical member of the genus occurring on soil along roadsides, in gardens, in grassland etc. It is known from the New World, Africa as well as S. E. Asia. It was originally described from the Caribbean as *Hebeloma broadwayii* Murr.: Grenada, St Georges along roadside, NY!. *A. broadwayii* differs from *A. manihotis* Pegler in the paler and viscid pileus and lack of pleurocystidia. A full description is given as the Malaysian collection shows evidence of an arachnoid veil a character not always recorded for *A. broadwayii*. The occurrence of this structure parallels the presence of faint velar remains in other members of the *Pediadae*, eg. *A. pediades* (Fries) Fayod (Watling, 1982).

3. *Agrocybe malesiana* Watling *nov. sp.*

Fig. 1, A-G.

Pileus 15-50 mm conico-campanulatus dein planus interdum subumbonatus siccus glaber livido-fulvus vel ochraceus ad discum obscuriore coloratus. marginem versus pallido appendiculato-albus. *Stipes* 25-120 x 2.5-6 mm (ad basim 9 mm) cylindricus ad basim leviter incrassatus albus vel pallido ochraceus vel pallido-luteus apicem albo-pruinose, substriatum sed basim minute floccoso. *Lamellae* adnexae dein liberae subdistantes albido vel pallide fuliginosae dein pallido-fuscae vel fuligineo-brunneae. *Caro* alba vel pallido-luteola. *Basidia* 4-sporigera, 32-40 x 11-15 μ m. *Sporae* ellipsideo-ovoideae, poro germinative (10-)11-16 x (6.5-)7-9 μ m. *Cystidia* aciei lamellarum ventricosa vel clavata; pleurocystidia praesentia. Ad terram. *Holotypus*: Singapore Bot. Gardens, vii 1929, Corner as *Naucoria* 3 (Malaya) - *E.*

Pileus 15-50 mm wide, conico-campanulate then plane, subumbonate, over the limb at first livid clay-colour then ochraceous, often tan or fawn ochraceous over the disc, drying pale and atomate, smooth not viscid, non-striate; margin thin, at first slightly appendiculate with a thin, white, evanescent cortinoid veil, often becoming subsulcate or rimose in old basidiomes. *Stipe* 25-120 x 2.5-6 mm, cylindric or slightly thickened at base (-9) fibrous, often becoming hollow, white to pale ochraceous or pale yellowish, the apex white pruinose and substriate, generally slightly floccoso-peronate with a few drying ochraceous peronate zones near the white, villous base. *Gills* adnexed becoming free, scarcely crowded, 2-3(-4) ranks, 30-46 primaries 3-9 mm wide, white then pale fuliginous or earth-colour finally

pallid fuscous to pale fuliginous brown. *Flesh* 1.5-3 mm thick over disc, firm, not hygrophanous, white or pale yellowish. *Odour* faint, rather unpleasant, slightly mealy.

Basidia 4-spored, 32-40 x 11-15 μm ; sterigmata 4-6 μm long. *Basidiospores* pale fuscous ferrugineous or dingy fuscous fawn in mass, (10-)11-16 x (6.5-)7-9 μm , ellipsoid-ovoid, flattened in side-view, thick-walled, smooth with central germ-pore, strongly pigmented in water and alkali solutions. *Cheilocystidia* 30-55 x 13-25 μm , abundant, hyaline, clavate to ventricose; *pleurocystidia* scattered to abundant, 35-95 x 15-35 μm , clavate, subcylindric or subventricose, obtuse or subcapitate, thin-walled, hyaline, granular at apex within and often slightly encrusted with amorphous material over apex. *Pileipellis* a hymeniderm 60-70 μm deep of clavate cells 20-90 x 7-50 μm with pale yellowish, firm but scarcely thickened walls seated on interwoven hyphae, 3-30 μm broad below. *Stipitipellis* of filamentous, thin-walled hyphae, 3-5 μm broad overlying hyphae 3-30 μm wide; *caulocystidia* grouped, scattered, 25-27 x 7-20 μm resembling cheilocystidia but narrower and more frequently subcapitate, apex 3-14 μm broad. *Pileus trama* of interwoven, hyaline hyphae 3-25 μm broad.

Habitat: on soil and amongst grass.

Material examined: Singapore, Botanic Gardens, viii 1929, legit Corner as *Naucoria* 3 (Malaya) (Holotype in E); Malaysia, Bantong, Oil Palm Research Station, 22 v 1967, legit G. Hadley.

The macroscopic details are taken from the field notes of two additional collections also numbered *Naucoria* 3 (Malaya) and considered to be the same taxon by Corner (9 iii 1941 & 30 x 1941). Microscopic examination of the material available confirms their conspecificity. It is also noted (as *Naucoria* 3a; Malaya, 23 ix 1942 (with coloured illustration)) by Corner from burnt padi husk also at the Botanic Gardens, where it seems to be well established.

Although very closely related to several species already recognized the author believes it is autonomous based on the following combination of characters: well-pigmented, scrobiculate-reticulate pileus; dark, fairly distant gills; velar remnants at margin of pileus giving in some old dried collections a frosted appearance; the presence of pleurocystidia; and broad basidiospores.

The reticulate pileus resembles that of *A. retifera* (Speg.) Singer, the frosted appearance approaches that of *A. viscosa* Sing. a South American species with much larger basidiospores. The morphology of the pleurocystidia approaches *A. manihotis* Pegler from East Africa, but the last species is in Sect. Microspora. *A. earlei* (Murrill) Watl. to which *A. retigera* is undoubtedly closely related has significantly smaller basidiospores. *A. broadwayii* (Murr.) Dennis and *A. arenaria*

(Peck) Sing. have similarly coloured and arranged gills but in common with members of sect. *Pediadeae* pleurocystidia are lacking.

4. *A. semiorbicularis* (Bull.: St Amans) Fayod

Fig. 1, H & M

Ann. Sci. Nat. (Bot.), Series 5, 9: 358 (1889).

Syn.: *Naucoria semiorbicularis* (Bull. per St Amans) Gillet.

For other synonyms and genera to which *A. semiorbicularis* has previously been assigned see Watling & Gregory (1981).

Pileus 18 mm wide, convex then plane, pale livid, striate with disc watery yellowish when moist, drying atomate, opaque and very pale tan with the disc slightly darker, with a few brownish scurfy flecks in the centre. *Stipe* 25 mm x 1.5 mm, cylindric, slender, white, sparsely cottony puberulous to pruinose, white villous at base. *Gills* ascending adnate, rather crowded, thin, 3-4 ranks, 22 primaries 3 mm wide, pale brown. *Flesh* thin, concolorous. *Odour* none.

Basidia 2-spored, 30-46 x 11-13 µm with sterigmata 3-5 µm long. *Basidiospores* 15-18 x 8.5-10 µm, pale cinnamon-brown, ellipsoid, thick-walled, smooth, with germ-pore, aguttate. *Cheilocystidia* forming distinct sterile edge to gill, 35-60 x 13-20 µm tapering to obtuse apex 7-13 µm broad, more or less ventricose, often slightly curved, thin-walled, hyaline; *Pleurocystidia* absent. *Pileipellis* a palisadoderm of subglobose to clavate cells 20-60 x 10-40 µm.

Habitat: on decayed banana stump.

Material examined: Singapore, Botanic Gardens, 20 ix 1939, legit Corner as *Naucoria* 7.

Agrocybe semiorbicularis has been found only once in Corner's collections and, as he rightly notes, it is close but not conspecific with his *Naucoria* 3 viz. *A. malesiana* (see above). *Naucoria* 7 of Corner has been interpreted in the sense of the British Fungus Flora (Watling, 1982) viz. with 2-spored basidia, large basidiospores (15-18 x 8.5-10 µm) and lack of veil (see Singer, 1978). the Singapore collection is rather unusual in its habitat. Usually this species is found in grass but the present collection, which is undoubtedly identical, was growing on a decayed banana stump.

BOLBITIUS Fries

Epicrisis Systematicus Mycologici 253, 1838

Subgenus **Pluteolus** (Fries) Watling

Notes Roy. Bot. Gdn., Edinb. 26: 296, 1965.

1. *Bolbitius malesianus* Watling nov. sp.

Fig. 2: A & B.

Pileus 25-37 mm planus viscido-glutinosus non-reticulatus purpureo lilaceus ad discum obscuriore coloratus dein purpureo lividus vel pallido brunneus. *Stipes* 25-40 x 2-3 mm (3-5 mm a basim) albus, pruinosis, fragilis, subaequales ad basim leviter incrassatus. *Lamellae* liberae confertae testaceo-fulvae. *Basidia* 4-sporigera. *Basidiospores* ellipsoideo-fusoideae, 8.7-9.6(-11) x 3.9-4.8(9-5.2) μ m. *Cystidia* aciei lamellarum lageniformia vel clavata 17-27.5 x 7.5-10.5 μ m; pleurocystidiata absentia. Ad lignum putridum in silva. Holotypus: Sabah, Mt Kinabalu, RSNB 5456 (-E.)

Pileus 25-37 mm wide, plane wholly viscid-glutinous non-reticulate or disc rugulose under the gluten, limb rivulose, purplish mauve darker at disc, to purplish umber, pale brownish towards the margin finally losing purple tinge and becoming merely umber with colour less gluten. *Stipe* 25-40 x 2-3 mm (base 3-5 mm) attenuated upwards, white, pruinose, fragile. *Gills* 2-3.5 mm wide, free, crowded, thin, light cinnamon-fawn, 3-4 ranks (48 primaries). *Flesh* 1.5 mm thick under pileus-disc, white then purple near surface of pileus. *Smell* none.

Basidia 4-spored. *Basidiospores* 8.7-9.6(-11) x 3.9-4.8(-5.2) μ m, elongate fusoid, slightly boletoid to amygdaliform in side-view, relatively thick-walled, golden yellow in water, darker in aqueous alkaline solutions, smooth with central or slightly oblique germ-pore. *Cheilocystidia* irregularly shaped, lageniform with cylindric neck or with subcapitate head, 17-27.5 x 7.5-10.5 μ m, hyaline, thin-walled. Intermixed with some vesiculose cells 15-25 μ m broad.

Habitat: on rotten wood or sawdust at base of dead trunk.

Material examined: Sabah, Mt. Kinabalu, Bembangan River, 1700 m, 25 ii 1964, *Corner* RSNB 5456 (Holotype in E); Mesilau, 1700 m, 19 iv 1964, *Corner* RSNB 8350; 28 iv 1964, *Corner* RSNB 8350A.

This species is close to the temperate *B. reticulatus* (Pers.: Fr.) Ricken which is widespread on old deciduous logs, often amongst moss etc. It differs in the less reticulate pileus-disc and particularly the rather narrow amygdaliform almost boletoid basidiospores. The colour of the pileus is close to that of *B. glaucopurpureus* (Berk.) & Br.) Kühner ex Watling & Gregory which differs markedly in the much larger basidiospores (11.5-15 x 4.5-6.2 μ m). The type of *B. glaucopurpureus* is fragmentary consisting of two longitudinal sections and a small fragment of pileus but sufficient tissue is available to indicate it is very different to the present fungus although close, judging from the spore-shape. Spores distinctly flattened in side-view are not seen in the dung-inhabiting

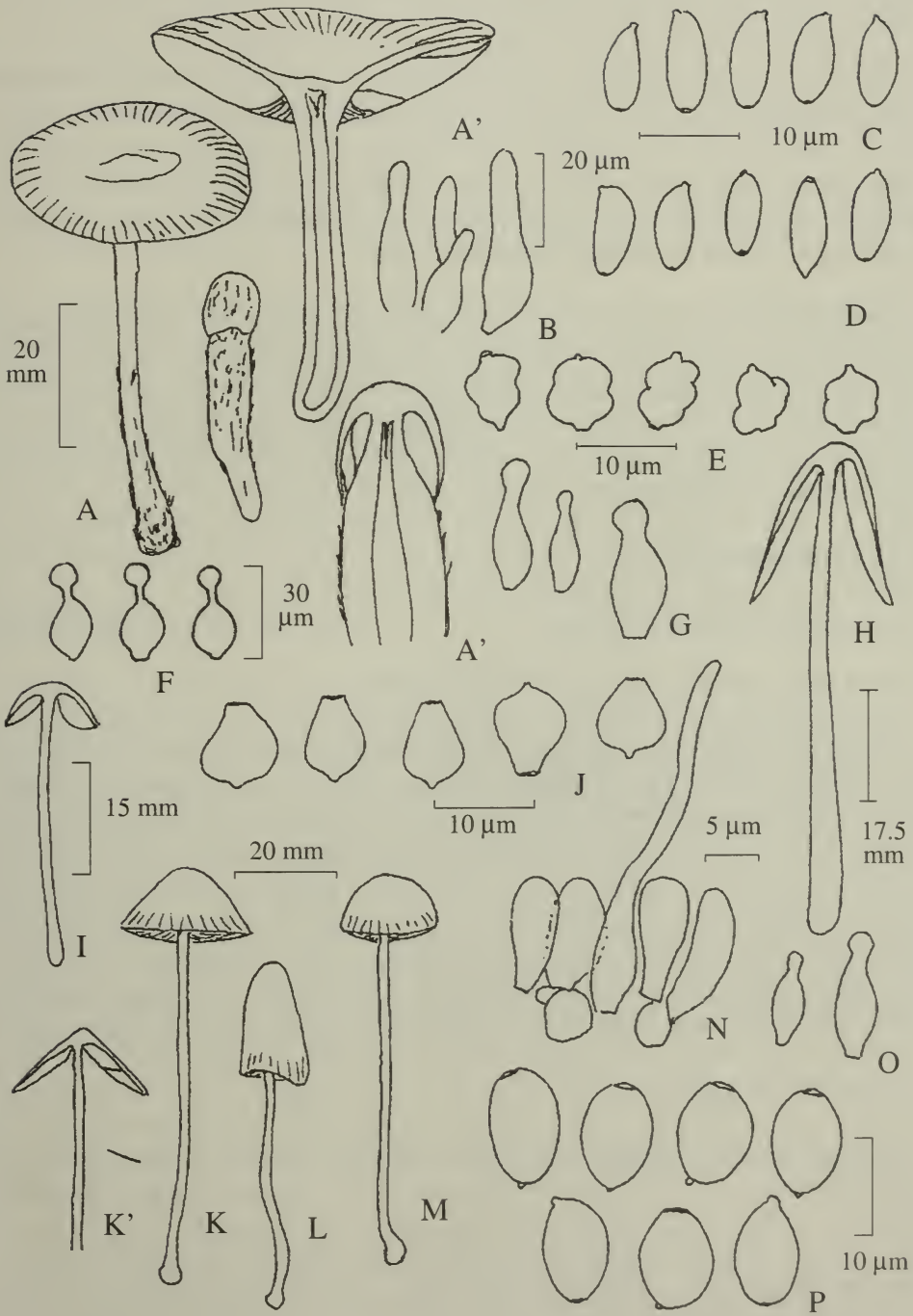


Figure 2.

species of *Bolbitius*, eg. *B. vitellinus* (Pers.: Fr.) Fr. and the phenomenon is only slightly developed in *B. reticulatus*.

Bolbitius mexicanus (Murr.) Murr. might be considered as conspecific but the pileus is avellanceous, lacks the purple-mauve colours, does not darken to umber and is reported to have a yellow stipe (Dennis, 1953); the basidiospores are indicated as being broader but there is some discrepancy between those given by Murrill (1912 as *Mycena*) and those found by the author in the single type specimen deposited in NY and examined by Dennis (1953).

The reticulate pileus is not considered significant by some authors but if parallels can be made in members of a single population of *B. variicolor* Atk., a full range from smooth to reticulate-venose has been found. In parallel *B. reticulatus* is often considered to be purely a larger more reticulate form of *B. aleuriatus* (Fr.: Fr.) Singer; the violaceous colour in *B. reticulatus* as in the present taxon may vary in intensity and fades at maturity.

Subgenus **Bolbitius**

2. *B. coprophilus* (Peck) Hongo

Fig. 2: C-D.

Mem. Fac. Lib. Arts Educ. Shiga Univ. Nat. Sci. 9:82 (1959).

Pileus 30-70 mm wide, at first conical then plane or concave, subumbonate and rugulose below the superficial gluten. Finely rimosely striate towards margin, pale grey darker towards brownish or fuscous disc, or pale livid ochraceous with fuscous disc and pale brown straight margin. *Stipe* 50-100 x 2.0-3.5 mm (5-10.5 mm at base) rather stout, fibrous, attenuate upwards, hollow, wholly scurfy pruinose or scurfy floccose downwards with upward pointing flocci, white then pale yellowish, easily separable from pileus. *Gills* free 2-3 ranks, 50-98 primaries, 2-9 mm wide, very thin, crowded, white then light fawn and finally ferruginous cinnamon with whitish edge. *Flesh* 1-1.5 mm thick under pileus-disc, very thin over limb, white or pale yellowish with age.

Basidia 4-spored, 20-35 x 13.5-16 μ m, swollen-clavate; *sterigmata* 3.5 μ m long. *Basidiospores* 11.5-14.5 x 7.5-9.5 μ m, light ferruginous in mass, smooth, ellipsoid, aguttate, with germ-pore. *Brachycystidia* abundant, 20-35 x 15-30 μ m, swollen-clavate. *Cheilocystidia* 20-55 x 8-20 μ m, clavate to ventricose with obtuse apex, very variable in shape, hyaline, thin-walled, smooth. *Pileipellis* a hymeniderm 70-100 μ m deep of clavate cells 40-75 x 9-25 μ m, thin-walled, colourless, immersed in mucilage or separated by it. *Caulocystidia* cylindric or subventricose often lobed one or twice, not gelatinized and seated on hyphae 3-6 μ m broad, scattered in tufts in upper stipe and as flocci below. *Stipe-trama*

of longitudinal hyphae with long inflated cells 300-2000 x 15-40 μm . *Pileus trama* similar to that of stipe but cells not as long, 20-50 μm broad; *hypoderm* 50-70 μm thick in pileus, of radiating, fairly compact hyphae 3-9 μm broad, gelatinized in the outer layer, non-gelatinized within. *Hymenophoral trama* of inflated cells as in pileus; *subhymenium* of hyphae 5-12 μm broad, slightly inflated towards margin.

Material examined: Singapore, Botanic Gardens, scattered on old cow-dung compost, or subgregarious on old rotting rice straw. 26 iii 1940 and 6 xii 1944.

B. coprophilus was described from dung heaps at West Albany, New York by Peck (1893) but it is widespread from Canada to the Mid-States of the United States. It is also known from Europe and from Japan. Hongo (1959) has noted it from Australia. It is probably widespread and might be expected elsewhere, but it is less common than *B. vitellinus*. *B. variicolor* Atk. might be considered conspecific because of its olivaceous fuscous pileus with age but it differs markedly in the yellow stipe and more strongly pigmented pileus. *B. varicolor* is however, judging from examination of the type, very close and has similar habitat requirements. *B. variicolor* also has a much wider distribution than first thought, viz. Australia, Europe, and probably also India.

Unfortunately no material has been retained, or it was lost during World War II. A water-colour and notes accompanying the record agree in essential details, viz. pileus size and shape and floccose white stipe, with the descriptions of *B. coprophilus*. Microscopic details given by Corner (*pers. comm.*) also agree with the results for the author's examination of the type in NY. Although the coloured illustration lacks any hint of pink *B. coprophilus* is recorded in the literature as sometimes lacking the pink hues (Morgan, 1895). This is in keeping with other species in the genus where the pigment may vary in intensity depending on the size of the cells in the hymenodermal pileipellis or the age of the basidiome. Further material agreeing with this same taxon is reported by Corner to have been found in the same locality in March four years previously (*pers. comm.*)

Basidiome ontogeny: Corner had studied his collections in great detail and developmental data accompanies his water-colours. His notes are reproduced herein as little appears in the literature on the development of members of the genus *Bolbitius*.

'Gymnocarpic but the pileus-margin pressed closely against the stem from the earliest stage and some superficial stem-hyphae growing up against this margin, anastomosing with its tissue, and making a very slight marginal veil. Stem soon becoming swollen and beginning to inflate before the formation of the pileus, the cells of the stem-hyphae at first c. 15 x 3 μm , inflating and lobing to produce lateral hyphae often only a few cells long. Palisade of the pileus becoming delimited in primordia 0.8-1 mm high.'

'The hymeniderm arises from the outer part of the hypoderm which is about 50-70 μm thick in the pileus-centre and is composed of radiating and fairly compact hyphae 3-9 μm broad, with gelatinized walls in the outer layers. Many new cells are incorporated into the hymeniderm as the pileus develops.'

'Stem-elongation mainly in the morning before expansion of the pileus during the ensuing night; collapse of the basidiome was by noon on the next day.'

Conocybe Fayod

Ann. Sci. Nat. (Bot.) series 7, 9: 357, 1889.

Subgenus **Conocybe**

Section **Singerella** Watling

Sydowia 8: 408, 1979

1. *C. corneri* Watling

Beih. Sydowia 8: 401, 1979

Pileus 20-60 mm, at first conic and 15-25 mm high, then umbonate, finally more or less plane, smooth, finely puberulous with whitish hairs, hygrophane, finely striate at first, intensely dark rich purple then on expansion livid vinaceous to vinaceous drab or dingy pinkish grey with centre fuscous, or becoming light fulvous fawn and drying fulvous melleous. *Stipe* 100-160 mm/2-3 mm (5-7 mm at the base), attenuate upwards, long, cartilaginous, wholly puberulous, finely spirally striate more or less concolorous, white towards the apex and base, with irregularly split or bifid, free, smooth, floccose-membranous, white volva, 8-12 x 7-9 mm. *Gills* free or very slightly adnexed, very crowded, thin, narrow, 3-4 ranks, 27-48 primaries 1.5-2 mm wide, the secondaries nearly as long as the primaries, white turning pale ochraceous cinnamon from distal edge near the margin of pileus towards stem. *Flesh* 1-1.5 mm thick in the centre of the pileus, brittle, concolorous. *Odour* none. *Spore-mass* brown (from deposit on stipes in pickled specimens).

Basidia 4-spored, 26-30 x 11-12 μm , clavate-cylindric, hyaline in water and alkali mounts. *Basidiospores* 8.5-11 x 6--6.5 μm , smooth, broadly ellipsoid to distinctly angular in face-view, slightly flattened on one side in side-view, very distinct apiculus and very prominent germ-pore. *Brachycystidia* abundant, 25-30 μm broad; pleurocystidia absent. *Cheilocystidia* 20-35 x 10-20 μm , lecythiform with neck 1-3 μm long and head 4-6 μm broad, hyaline in water and alkali mounts, thin-walled, smooth. *Pileipellis* a compact palisadoderm of smooth, broadly clavate to vesiculose, thin-walled cells 25-55 x 12-30 μm , hyaline with pedicel darkened; pileocystidia replaced by thin-walled, filiform pilocystidia < 300 μm long and 3-5 μm wide. *Caulocystidia* numerous in bunches in rows on the stipe, mixture of vesiculose, clavate and lecythiform elements, the last commoner

towards the apical and basal zones. *Pileus trama* of only slightly inflated cells, *Hymenophoral trama* with distinct filamentous, little inflated hyphal strands forming central strand and more inflated subhymenial zone.

Habitat: On elephant dung from the forest.

Material examined: Johore, near Jemaluang Road, v 1940, legit Corner - *Locellina* 1.

This taxon was introduced with a second collection also from S.E. Asia made by Egon Horak in New Guinea. Subgenus *Singerella* of which *C. corneri* is the type is characterised by the presence of a volvate base to the stipe and Watling (1979) has discussed the origin of this. Since *Singerella* was erected Singer & Hausknecht (1989) have demonstrated the presence of member of the subgenus in Europe, viz. *C. hornana* Sing. & Hausk. Subsequently Bon (1991) elevated the section to subgeneric rank.

Locellina Gillet, and *Acetabularia* (Berk.) Mass. in early texts, were considered to be brown-spored equivalents of *Volvaria* DC. (= *Volvariella* Speg.: pink-spored), *Amanitosis* Roze (= *Amanita* Pers.: white-spored), and *Chitonia* Clements s. Masee (= *Macrometrula* Donk & Singer: purplish brown-spored). As descriptions and illustrations of members of these two genera superficially resembled *C. corneri* Watling (1979) had occasion to discuss both genera especially as in Corner's notes there exists a painting by Ridley (No. 83) of a Malaysian agaric labelled *Locellina*. Corner (*pers. comm.*) also provisionally labelled *C. corneri* 'Locellina sp.' The painting was dated 2 November 1907 and depicts a volvate-stemmed agaric with brown gills. Unfortunately no material has been located in *K* to accord with the illustration. The gills of many species of *Volvariella* take on a cinnamon brown colouration on drying and so exsiccata can resemble members of the Bolbitiaceae or even Cortinariaceae. Many collectors, some quite experienced, have learnt this to their embarrassment, and it would appear that from the volva's appearance Ridley's painting in fact depicts a species of *Volvariella*.

Section **Nodulosporae** Watling

Rev. Mycol. Paris NS 40: 33, 1976.

2. ***C. nodulospora*** (Hongo) Watl.

Fig. 3: E, F & H.

Rev. Mycol. Paris, NS 40: 33, 1976

Basionym. *Pseudoconocybe nodulospora* Hongo in J. Jap. Bot. 42: 25, 1967.

Pileus 20-30 mm wide, 40 mm high, conical, faintly striate, dull ferruginous ochraceous with white pilosity. *Stipe* 60-70 x 4 mm, slightly swollen below (x 6mm), dull ferruginous ochraceous, white-pilose, solid or slightly hollow, base abrupt. *Gills* ascending adnexed, narrow, very crowded, 3 ranks with about 48 primaries, pallid at first then dull ferruginous ochraceous. *Flesh* about 3 mm thick

at centre of pileus, soft, hygrophanous. *Odour* not recorded.

Basidia 4-spored, 22-26 x 6-8 μm . *Basidiospores* 7-8.7 x 5.2-6.1(-6.5) μm , 5-6-nodulose, fairly thick-walled, orange-brown in alkaline solutions, smooth. *Cheilocystidia* 25-30 x 7.5-10 μm , lecythiform, with apex 2.5-3.5 μm diameter, hyaline; *pleurocystidia* absent. *Caulocystidia* 15-35 x 7-8.5 μm , cylindric to elongate-clavate, hyaline, intermixed with ellipsoid to subglobose cells 26-40 x 10-20 μm . *Pileipellis* a palisadoderm of pyriform to pedicellate cells, 25-45 x 12.5-17.5 μm

Habitat: on rotten wood in forest.

Material examined. Sabah, Mt Kinabalu, Bembangan River, 1700m, 25 ii 1964, Corner RSNB 5453.

The nodulose basidiospores characterise the Section *Nodulosporae* and as yet there is only one known member. There is little doubt that a relationship should be sought with the strongly mitriform spored members of the genus (see below). Reference should be made to details published on the type material (Watling, 1976) with which the present collection agrees. The distribution of *C. nodulospora* is extended considerably by the present collection but this follows a pattern seen in other groups of agarics (Watling, 1992a).

Section *Pilosellae* Kühner

ex Singer in Sydowia 15: 69, 1962.

3. *C. fragilis* (Peck) Singer

Fig. 2, I: Fig. 3, J & K.

Acta Bot. Inst. Komarov Acad. Sci. URSS, Series 2 6: 438 (1950)

Basionym: *Galera fragilis* Peck in Bull. Torrey Bot. Club 24: 144 (1897).

Pileus 5-10 mm, conical to convex, scarcely umbonate, striate, pale fawn drab. *Stipe* 20-40 x 1-1.5 mm, concolorous with pileus, pallid and striate upwards. *Gills* ascending adnate, 3 ranks, 13-16 primaries 1-1.5 mm wide, pale cinnamon-fawn. *Flesh* characters and odour not recorded.

Basidia 4-spored, 17.5-25 x 7.5-10 μm . *Basidiospores* (7.9-) 8.3-9.2(-9.6) x (4.8-) 5.2-6.1 μm , ellipsoid or very slightly amygdaliform in side-view, yellow-brown in alkaline solutions, thick-walled, smooth, with large, central germ-pore. *Cheilocystidia* 17.5-25 x 5.5-8 μm , lecythiform, with apex 3.5-4.5 μm , hyaline; *pleurocystidia* absent. *Caulocystidia* 15-35 x 6-8.5 μm cylindric to elongate-clavate, hyaline, intermixed with ellipsoid cells 25-40 x 10-20 μm . *Pileipellis* a palisadoderm of pyriform to sphaeropedunculate cells 25-40 x 12.5-17.5 μm .

Habitat: on moss on rotten wood in forest.

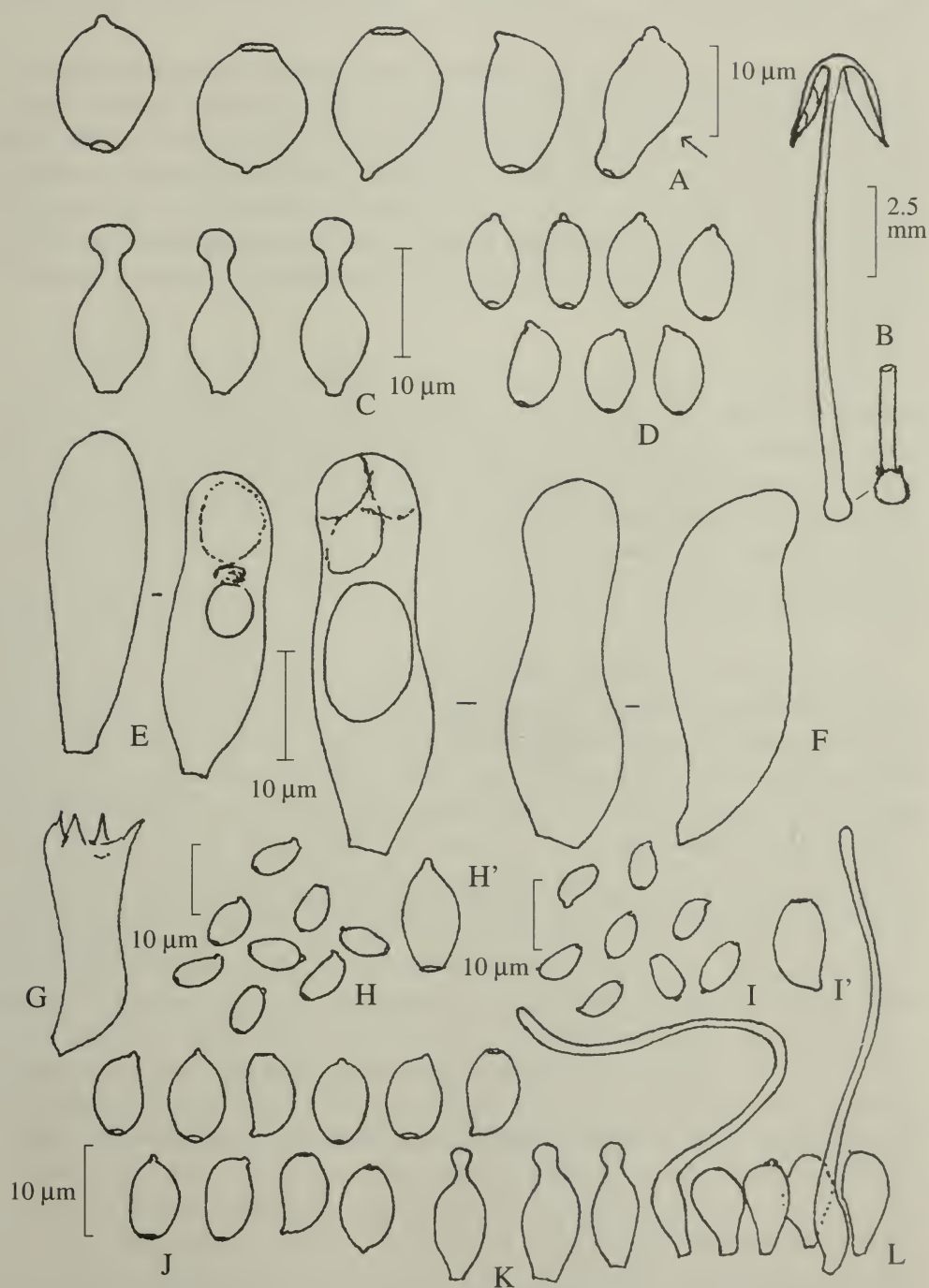


Figure 3.

Material examined: Sabah, Mt Kinabalu, Bembangan River, 1700m, 27 ii 1964, Corner RSNB 5512.

Although the fresh pileus is described as 'pale fawn drab' the dried material exhibits a distinct purplish tinge in accordance with Peck's type material in NY, and later descriptions (Murrill, 1917; Kühner, 1935). Several collections from cucumber beds collected by Daams are deposited in the Leiden Herbarium (L) agree in all major details with Corner RSNB 5512. Unfortunately the production of cucumbers by using nutrient enriched straw-bales has changed (Daams 1972; pers. comm.) and the fungus has not been seen in the Netherlands as frequently (Daams, 1972).

The colour of the pileus is very distinctive and undoubtedly influenced J. Schaeffer (1930) to describe his *Galera incarnata* J. Schaeff. which is considered a synonym of the N. American agaric (Kühner, 1935). The habitat (grassland) and colours are slightly different to that described in the British Fungus Flora Vol. 3 (Watling, 1982) although the microscopic characters are the same. This calls for cultural studies in the future.

4. *Conocybe* sp. 1

Fig. 3, A-C.

Pileus 25 mm wide, 20 mm high, conical rather vinaceous fawn, disc browner, wholly minutely pubescent, striate. *Stipe* 100 x 1.5 mm (5 mm at base) pale brownish, tinged vinaceous, finely white fibrillose-pruinose, subvillous, subbulbous base, thinly felted as if with an adnate volva. *Gills* ascending adnate, thin, crowded 3-4 ranks, c. 24 primaries, -4 mm wide, concolorous. *Flesh* thin, almost white in stipe. *Smell* none.

Basidia 2-spored, 10-12 μ m broad, clavate, hyaline. *Basidiospores* (12.2-) 12.7-14 x 10.5-12.2 μ m, lenticular, flattened in side-view, almost rounded rhomboid, with central or slightly oblique germ-pore, very thick-walled, deeply pigmented in both water and aqueous alkaline solutions, smooth, a high percentage of spores drawn out into a snout and then more ellipsoid in overall shape. *Cheilocystidia* 10-12.5 x 15-17.5 μ m, lecythiform, hyaline with capitulum 2-3.3 μ m diam.; *pleurocystidia* absent. *Caulocystidia* hyaline, a mixture of filamentous cells with globose, ellipsoid or vesiculose cells forming discrete patches, a few with a capitate apex. *Ammonia* reaction negative

Habitat: on the ground in forest.

Material examined: Solomon Islands, Guadalcanal, Tsuva, 9 ii 1965, Corner RSS 1784.

The reference to the subvillous base which is thinly felted and so resembling an adnate volva emphasises the closeness of several *Conocybe* spp. of both Sect.

Pilosellae and Sect. *Conocybe* with those in Sect. *Singerella*. This is why the volva itself in *Conocybe* is not considered sufficient for generic separation.

The basidiospores of this collection are extremely striking in their honeydew melon-shape in face-view and the colour, viz. rich tawny even in water is probably a result of the very thick-walls. In addition a fairly significant proportion of the spores of the present collection do not have the rounded shape but are elongate elliptic with a drawn-out end (Fig. 3, A'). Before formal description can be conducted this feature must be examined in greater detail, and further collections will assist in understanding whether it is constant feature or merely an aberration.

5. *Conocybe* sp. 2.

Fig. 3, D.

Pileus 5-20 mm high, 7-28 mm wide, conical then plano-convex slightly umbonate, finely striate, hygrophanous, dark ferruginous cinnamon becoming fulvous honey-colour, wholly pilose with minute white hairs when fresh. *Stipe* 40-100 x 0.7-2 mm (1.5-5 mm at base) dense, straight, wholly finely white pruinose-pilose, rather striate, pale tawny to pale cinnamon ochre, white at apex and base. *Gills* adnate, thin, crowded, narrow, 3-4 ranks, 20--30 primaries, 1.5-2 mm wide, pale watery cinnamon, pallid brownish white at first. *Flesh* very thin, hygrophanous. *Smell* none.

Basidia 4-spored, 20-30 x 10-12.5 μm ; *sterigmata* 2.5-3 μm long. *Basidiospores* (8-) 8.7-10.5(-11) x (5-) 5.2-6.1(-7) μm , broadly ellipsoid slightly broader above $\frac{1}{2}$ -way in face-view, amygdaliform in side-view relatively thick-walled with central germ-pore, smooth. *Cheilocystidia* lecythiform, 14-25(-26) x 6-10(-11) μm , with neck 2-3 μm long surmounted by capitulum 2.5-5 μm , thin-walled, hyaline. *Caulocystidia* grouped in bunches, filamentous hair-like 52-105 x 2.2-3.5 μm , hyaline or honey-coloured, intermixed with some ellipsoid or ovoid cells. *Ammonia* reaction negative.

Habitat: on elephant dung in forest.

Material examined: Johore, Mawi, v 1940, Corner – *Galera*-3

In his notes Corner compares this collection with *C. huijsmanii* Watl. (as *Galera* -2) but the basidiomes are more strongly coloured with purple tinge around the pileus-margin; the basidiospores are also smaller. It is described by the collector as nocturnal. Many species of *Conocybe* and *Bolbitius*, and *Coprinus* develop overnight even in Europe; in the tropics this is accentuated and occurs in several additional genera eg. *Russula* sect. 'Pelliculariae' in W. Africa; *Leucocoprinus*.

The basidiospores under the microscope are rather dull coloured for a member of the genus *Conocybe*, but the structure of the pileipellis, presence of lecythiform

cheilocystidia and general facies do not place this in *Agrocybe*. There are several genera which are now known to contain a few species in which the spore-print colour diverges from the 'norm' or the classically accepted, eg. *Bolbitius* aff. *nobilis* Peck from N. America (Singer 1986) with dull brown spores, *Psathyrella sarcocephala* (Fr.: Fr.) Sing. with pink spores. It should be noted that *Psathyrella michiganense* Smith even with its dull spore-print is closer to *Conocybe* spp. than it is to members of the genus *Psathyrella*, where a special section had to be erected for it (Singer, 1951).

Section *Conocybe*

(= *Farinosae* p.p. Kühner, 1935)

6. *Conocybe mitrispora* Watling *nov. sp.*

Fig. 2. G. & J.

Pileus 20 mm conico-campanulatus obscureo-umbrinus siccate pallidoferrugineus. *Stipes* < 80 x 2.5 mm pruinoso-striatus concolores radicans. *Lamellae* adnexae confertae subferrugineae. *Basidia* 4-sporigera. *Sporae* mitriformes (7.4-)7.9-8.7 x (6.1-)6.5-7.4 (-7.9) μ m. *Poro* germinativo. *Cystidia* aciei lamellarum lecythiformia 22.5-25 x 10-12 μ m capitula 4-5 μ m lata.

Ad humum in silva. Holotypus: Sabah, Corner - 'Galera - Borneo' in Herb E

Pileus 20 mm wide, 15 mm high, conico-campanulate, dingy umber ferruginous, drying light fawn ferruginous. *Stipe* - 80 x 2.5 mm, wholly finely pruinose and striate, concolorous to pileus but paler slightly rooting at base. *Gills* - 3 mm wide ascending, adnexed 3-4 ranks, 30 primaries, crowded, thin, light fawn cinnamon or subferruginous.

Basidia 4-spored. *Basidiospores* mitriform with distinct truncate germ-pore, (7.4-)7.9-8.7 x (6.1-)6.5-7.4(-7.9) μ m, thick-walled, rich golden yellow in water, darker in aqueous alkaline solutions, smooth. *Cheilocystidia* numerous, lecythiform, thin-walled, hyaline, 22.5-25 x 10-12.0 μ m, with distinct neck - 6.5 μ m long, surmounted by capitulum 4-5 μ m diam. enveloped by a mucilaginous, drop-5.5 μ m broad. *Caulocystidia* in groups, lecythiform, thin-walled, hyaline, < 15 x 6-7.5 μ m, with tapered neck and capitulum 3-3.5 μ m diam. *Ammoniacal reaction* negative.

Habitat: in humus in forest.

Material examined: Sabah, Mt Kinabalu, 1200m. 1 viii 1961, solitary, legit Corner as 'Galera - Borneo'

The collector indicated that this collection agreed with *G. tenera* (ie *Conocybe tenera* (Schaeff.: Fr.) Fayod) a group with which he would have been familiar in Europe.

The mitriform basidiospores have apparently evolved in *Conocybe* in unrelated groups. The present fungus in virtue of its lecythiform caulocystidia and negative

reaction with ammoniacal solutions is related to the *C. rickeniana* Sing. ex Orton group. However, in Queensland the author has found a species of *Conocybe* with a similar spore-shape but it is a member of Section Pilosellae. Similar spore-shape is found in *C. lentispora* Singer (Section Pilosellae) and *C. lenticulospora* Watling (Section Pilosellae).

Section **Candidae** Kühner ex Singer

Sydowia 15: 69, 1962

7. **Conocybe huijsmanii** Watl.

Fig. 2, M.

Norw. J. Bot. 3 262, 1993.

var. conica Watling var. nov.

Fig. 2, K, N--P.

A typo differt pileo ad conicum. Holotypus: Kepong, Malaysia, Watling 24446 in E.

Pileus 10-25 mm wide/10-15 mm high, conical retaining acute apex even when collapsing, minutely pubescent at first then smooth, minutely atomate, faintly sulcato-striate on outer limb, fawn ochraceous with persistent darker ochraceous or ochre centre, paler towards margin to become pale ochraceous clay-colour, drying pale ochraceous tan with darker centre and slightly rugulose towards margin. *Stipe* 40-100 x 1-2 mm, cylindric with slightly thickened or bulbillose base (2-4 mm diam.), straight, hollow, very fragile wholly finely cottony pubescent, becoming smooth, white, at most pallid. *Gills* 1-2 mm wide slightly adnexed, narrow, linear, crowded, thin, 3-4 ranks, 16-36 primaries, pale cinnamon fawn; edge white. *Flesh* 0.5-0.8 mm thick in the centre of pileus, very thin over limb, hygrophanous, very fragile, white in stipe, pallid in pileus. *Odour* none.

Basidia 4-spored, 17-24.5 x 8-10.5 μm . *Basidiospores* (8.5-) 11-13 x (6.7-)7.5 (-9) μm ; broadly ellipsoid to slightly lenticular, often slightly broader in lower half, deep golden yellow in water, with rust tawny tinge in aqueous alkaline solutions, thick-walled with prominent central germ-pore, smooth. *Cheilocystidia* lecythiform, 20-30 x 7-15 μm , with capitulum 5-7 μm diam., hyaline, thin-walled. *Pleurocystidia* absent replaced by abundant brachycystidia 17.5-22 x 8-11 μm . *Pileipellis* a hymeniderm of clavate-pedicellate cells, 15-40 μm diam., with scattered, thin-walled, hyaline, flexuous, filamentous pileocystidia. *Caulocystidia* similar to pileocystidia, flexuous, filamentous but at stipe-apex mixed with some thin-walled, hyaline, lecythiform cells similar to cheilocystidia, 21-32 x 8-13.5 μm .

Habitat : in grass of lawns; sometimes amongst *Ischaemum*.

Material examined: Singapore, Botanic Gardens, 27 ix 1934, legit Corner as *Galera* 2 (supported by coloured illustration from 30 Cluny Road 2 vii 1940); Nelgeri Selangor, Kepong, Library lawns, 10 iii 1992, Watling 24446 (Holotype in E); Kepong, 12 iii 1992, Watling 24448; Kepong, playing fields, 11 iii 1992;

Kuala Lumpur, Tourist Centre lawn, 25 iii 1992, *Watling* 24447.

This agaric grows immediately following rain showers especially after dry periods, and might be expected throughout the region. It grows scattered on lawns. Although *C. huijsmanii* was described from Europe this variety is widespread in other tropical areas (see *Watling* 1992); the coloured illustrations in *Dennis* (1953 as *C. crispa*) agree with the author's collections and with the painting accompanying *Corner's* material. It is neither *C. crispa* (Longyear) *Singer* which differs in its crisped gills, 2-spored basidia, nor *C. lactea* which has a non-expanding (Fig. 3, L.) cylindrical pileus. The later also grows in Australasia in grass on lawns; a collection by the author is available in *E* from the Governor's House lawn, Adelaide, south Australia. It retains all the characters typical of European material.

Corner in his field notes drew attention to the similarity to *Bolbitius* in the rapidly collapsing, thin-fleshed pileus. Indeed in the author's collections the pileus has collapsed on pieces of paper to give what looks now only like an outline. The presence of brachycystidia in the hymenium supports a placement in *Bolbitius* and indeed *Bon* (1992) transferred this group from *Conocybe* to *Bolbitius*. Since the cheilocystidia and some caulocystidia are lecythiform (symmetric) and not simply capitate as one sees in *Bolbitius*, and since the pileus pigment is membranous not vacuolar, a placement in *Conocybe* is preferred. As the present fungus is so common, it is likely that it has been described before and two possible candidates are *Galera grisea* *Earle* and *G. simulans* *Earle* (see *Murrill*, 1917) which have been synonymised with *G. crispa*. The problems of typification of *G. crispa* have been discussed earlier (*Watling*, 1992b).

Subgenus **Pholiotina** (Fayod) *Kühner*

Le Genre *Galera*, 139, 1935

8. *Conocybe* sp. 3

Fig. 3, E-H.

Pileus -25mm, convex, subviscid, smooth, striate at the margin, umber brown, then fawn ferruginous in centre, pallid fawn ochraceous towards margin with whitish fibrillose-membranous, evanescent, appendiculate veil. *Stipe* 30-35 x 2mm, cylindric, slightly fibrillose white and satiny fibrillose then pale dingy sub-ochraceous. *Gills* sinuate-adnate or adnate-decurrent rather crowded, thin, 3-4 ranks, 18-36 primaries, -3mm wide pallid whitish then fawn drab to pale fuscous umber. *Flesh* hygrophanous, concolorous with pileus. *Smell* slight.

Basidia 4-spored, 56-65 x 7-8 μ m, hyaline or slightly honey-coloured. *Basidiospores* 7-9.6 x 4.4-6.1 μ m, elliptic in face-view, slightly amygdaliform in side-view, fairly thick-walled, smooth with central germ-pore. *Cheilocystidia* elongate fusiform to utriform, 24-33 x 8.6-9.6 μ m venter hyaline to pale honey-coloured often with amorphous material within, 9-11.5 μ m broad. *Caulocystidia*,

long, filamentous, hair-like, $79-122 \times 3.5-3.9 \mu\text{m}$. *Pileipellis* a collapsed hymeniderm with rounded cells, $8.5-26.5 \mu\text{m}$ diameter ($\times 32.5 \mu\text{m}$) intermixed and seated on filamentous units and with a few superficial, clamped, red-brown hyphae scattered on surface.

Habitat: in small groups in river gravel and on humus and on sticks.

Material examined: Sabah, Mt. Kinabalu, Mahamed River, 1300m, 3 viii 1961, Corner as *Naucoria* RSNB 1604.

This species is distinctive in the elongate fusiform to elongate citriform cheilocystidia which are often filled with honey-yellow amorphous material; some may even be slightly encrusted. In this character the species resembles the *Agrocybe putaminum* group but because of the delicate nature of the pileus and stipe a placement in *Conocybe* is at present preferred. Unfortunately the pileipellis is collapsed but there is ample evidence of some former velar development. Hyphal fragments, some clamp-connected, have been seen on the surface of the pileipellis in a similar fashion to those in *C. brunnea* (J. Lge. & Kühner) ex Watling which is a member of subgenus *Pholiotina* (Watling, 1971). The cheilocystidia except for the inclusions parallel the equivalent structures in several members of this subgenus.

Subgenus **Piliferae** (Kühner ex Singer) Watling

Notes Roy, Bot. Gdn., Edinb. 26: 289-323, 1965

9. *Conocybe* sp. 4

Fig. 3, I & I'.

Pileus 7-12 mm wide, convex then plane, strongly umbonate, smooth, dry, bay brown when moist with blackish umbo, becoming cinnamon honey-colour with brown umbo on drying; margin slightly incurved at first, becoming straight and splitting radially. *Stipe* 16-24 $\times$ 1-1.5 mm at apex, 2-2.5 mm at base, cartilaginous, solid or with loose pith, rather tough, smooth, dark fuscous bay; base abrupt. *Gills* adnexed, scarcely crowded, thin, dry, firm, 3-4 ranks, 18-20 primaries, 1-1.5 mm wide, cinnamon honey-colour or tawny ochraceous. *Flesh* c. 1 mm thick beneath disc, rather tough, hard, concolorous when moist, drying pale yellowish in pileus; *smell* radishy and earthy not strong.

Basidiospores (5.2-)5.5-6(-6.5) $\times$ 3.5-4 μm , ellipsoid-amygdaliform in side-view, elongate ovoid in face-view, smooth with relatively thick wall and central germ-pore slightly truncate at base, yellow tawny in water, rich orange tawny in aqueous alkaline solutions. *Basidia* 4-spored, clavate, hyaline 18-23 $\times$ 5-6 μm ; *sterigmata* < 3 μm long. *Cheilocystidia* 20-30 $\times$ 3-5 μm , subcylindric-clavate to elongate, sometimes flexuous, not capitate, thin-walled, hyaline; *pleurocystidia* absent. *Pileipellis* collapsed; some sphaeropedunculate cells 8.7-12.5 μm . *Stipitipellis* of parallel, compact hyphae 7-15 μm broad with yellowish walls,

darker towards the cortex. *Gill trama* of very compact, pale yellowish hyphae 4-8 μm broad. *Clamp-connections* present.

Habitat: on mouldy earth and woody remains around very rotten stump in secondary forest.

Material examined: Singapore, Reservoir Jungle, 28 iv 1931, legit Corner as *Naucoria* 2b.

This collection, typified by a rather tough consistency and tiny amygdaliform basidiospores, belongs in this subgenus because of the subcylindric-clavate to elongate sometimes flexuous, non-capitate, thin-walled, hyaline cheilocystidia. This combination of characters is unknown in subgenus *Piliferae* and must be recorded; the specimens unfortunately are not suitable to designate as type-material.

References

- Berkeley, M.J. (1843). Enumeration of Fungi collected by Herr Zeyher in Uitenhage. *Hooker's London J. Bot.* 2: 507-527.
- Bon, M. (1991). Novitates - I (Cortinariaceae et. aff.) Espèces "galero-naucorioides" stat. et comb. nov. *Documents Mycologiques* 21(83) 37-39.
- (1992). Cle monographique des especes Galero-Naucoroides. *Documents Mycologiques* 21(84) 1-89.
- Daams, J. (1972). De Mycoflora in Komkommerkassen. *Coolia* 15: 145-155.
- Dennis, R.W.G (1953). Les Agaricales de l'île de la Trinité. Rhodosporeae-Ochrosporeae. *Bulletin Société Mycologique de France* 69: 145-198.
- Henderson, D.M., Orton, P.D. & Watling, R. (1969). *British Fungus Flora. Agarics and Boleti: Introduction* HMSO, Edinburgh 58 pp.
- Hong, T. (1959). Agaricales of Japan (1) 1. *Memoirs Faculty Liberty Arts Education, Shiga University Nat. Sci.* 9: 47-94.
- Josserand, M. (1952). *La description des champignons supérieurs: technique descriptive, vocabulaire raisonnée du descripteur*. Paris, Lechevalier: 338 p.
- Kühner, R. (1931). *Le Genre Galera*, Paris.
- Morgan, A.P. (1895). New North American fungi. *J. Cincinnati Soc. for Nat. Hist.* 18: 36-45.
- Murrill, W.A. (1912). The Agaricaceae of Tropical North America - V. *Mycologia* 4: 72-83.

- (1917). *North American Flora* - Agaricales - Agariceae subtribe Pholiotinae. 10(3) 145-226.
- Peck, C.H. (1893). Report of the State Botanist. *Ann. Rep. New York State Mus. Nat. Hist.* 46: 1-69.
- Reid, D.A. (1975). Type Studies of the larger Basidiomycetes described from Southern Africa. *Contributions from the Bolus Herbarium* 7: 1-225.
- Saccardo, P.A. (1887). *Sylloge Fungorum* 5: 1-1146, Patavii.
- Schaeffer, J. (1930). Die Sammethaubchen (*Galera*). *Zeitschrift für Pilzkunde* 14(9): 163-174.
- Singer, R. (1936). Studien zur Systematik der Basidiomycetes I & II. *Beihefte zum Botanischen Centralblatt* 56. Abt B. 137-174.
- (1951). The Agaricales in Modern Taxonomy. *Lilloa* 22 (1949): 1-832.
- (1968). Sand-dune inhabiting fungi of the south Atlantic coast from Uruguay to Bahia, Brazil. *Mycopathologia et Mycoapplicata* 34: 129-143.
- (1969). Mycoflora Australis. *Beih. Nova Hedw.* 29: 1-405.
- (1978). Keys to identification of the species of Agaricales I: *Agrocybe Sydowia* 30 (1977): 194-200.
- (1986). Agaricales in Modern Taxonomy, Ed. 4, 1-981, Koeltz Koningstein.
- & Hausknecht, A. (1989). *Conocybe horana* - eine neue Art mit Volbv aus Österreich. *Beitrage zur Kenntnis der Pilze Mitteleuropas* 5: 87-91.
- Watling, R. (1971). The genus *Conocybe* subgenus *Pholiotina* II. *Persoonia* 6: 313-339.
- (1979). Observations on the Bolbitiaceae XV. The taxonomic position of those species of *Conocybe* subgenus *Pholiotina* II. *Persoonia* 6: 313-339.
- (1982). *British Fungus Flora: Agarics & Boleti*. Vol. 3. Bolbitiaceae 1-139, Her Majesty's Stationery Office, Edinburgh.
- (1992a). *Report to Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH*. Edinburgh 11 pp.
- (1992b). Observations on the Bolbitiaceae 30. Some Brazilian taxa. *Boletin. Societ argentina Botanica* 20: 77-103.
- & Gregory, N.M. (1981). Census Catalogue of World Members of the Bolbitiaceae. *Bibliotheca Mycologica* 82: 1-224.

Book Review

Flora of Australia Volume 50 : Oceanic Islands 2.

Pp xxvi + 606, 1 black-and-white and 17 colour plates (56 colour photographs), 7 maps and 34 line drawings. Australian Government Publishing Service, Canberra, 1993. ISBN 0 644 25875 6 (pbk). Price \$A 44.95 (paperback), \$A 59.95 (hardcover). Available from AGPS Mail Order Sales, GPO Box 84, Canberra ACT 2601, Australia.

This is one of a series of 50 or so volumes of *Flora of Australia* that is currently being undertaken under the Australian Biological Resources Study. So far, thirteen volumes have been published, including one volume on lichens. Their publication dates are given in this volume on page 579. Volume 50 is one the two volumes that cover the vascular flora of Australia's offshore islands. Vascular plants of Christmas Island, Cocos (Keeling) Islands, Ashmore Reef, Cartier Island, the Coral Sea Islands Territory and Subantarctic Islands (Macquarie Island, Heard Island, McDonald Islands) are included here while those of Lord Howe and Norfolk Islands will be dealt with in a separate volume to be published at a later date. The combination of floras of tropical/subtropical islands and subantarctic islands in one volume is due to economical rather than phytogeographical reasons. Nonetheless, this is certainly the most up-to-date flora for anyone interested in oceanic islands.

Arrangement of contents in this volume is well-planned. The combination of the taxonomic treatments of floras of the various islands into a single text avoids duplication of text where a particular taxon occurs in more than one island. Under the heading of each island or island groups, besides general information on geographical location, physical features, climate, vegetation, floristics and history of human usage, a species list and a key to the plant families encountered are given. In the main text, the description of various genera and species comes under the respective families arranged according to the Cronquist System. A glossary on botanical terms and a list of abbreviations and contractions provided towards the end of the volume are particularly useful in explaining some of the unfamiliar terms found in the text. Unlike some classical floras, this volume provides additional information on plant geography such as vegetation zonation. Accounts on animal-plant relationships such as the dispersal of plants by animal agents and the use of forest by sea birds provide the users with further insight to island ecology.

Considerable efforts have gone into the description of plants, based on material from the islands. Synonyms of each species, published illustrations, important references and meaning of epithets are well covered. The adoption of revised names of certain 'problematic' species with explanation in some instances such as *Moringa oleifera* Lam. [instead of *M. pterygosperma* Gaertn.] on p. 176, *Hippobroma longiflora* (L.) G.Don [instead of *Isotoma longiflora* (L.) C.Presl or *Laurentia longiflora* (L.) E.Wimm.] on p. 390 and *Melanthera biflora* (L.) Wild [in place of *Wedelia biflora* (L.) DC.] on p. 419 helps to clarify the long-standing confusion of these names.

Except for minor errors such as the spelling of sub-heading USEAGE on p. 50, the use of *Swietenia mahogani* L. instead of *S. mahagoni* (L.) Jacq. on p. 253, the omission of the explanation of epithet of *Citrus maxima* on p. 300, the authors and editors should be congratulated for the excellent work and effort they put in to bring this volume to fruition. I would certainly recommend this volume to all libraries and herbaria and to anyone with an interest in floristics and plant geography of oceanic islands.

Tay Eng Pin

Senior Research Officer/Taxonomy
Singapore Botanic Gardens,
National Parks Board,
Singapore

THE GARDENS' BULLETIN SINGAPORE



Index
to
Vol. 45 (Part 2) Dec 1993

Published by
National Parks Board
Singapore Botanic Gardens
Cluny Road
Singapore 1025

CONTENTS

Volume 45

PART 2 — 1st Dec 1993

- GAY, H., HENNIPMAN, E., HUXLEY, C.R. & PARROTT, F.J.E.
The Taxonomy, Distribution and Ecology of the Epiphytic Malesian
Ant-Fern *Lecanopteris* Reinw. (polypodiaceae) 293–335
- CORNER, E.J.H.
Psathyrella (Agaricales) with Ornamented Spores in the
Malay Peninsula 337–357
- WATLING, R.
Observations on Malaysian Bolbitaceae with Records from
Solomon Islands 359–381
- TAY, E.P.
Book Review :
Flora of Australia Vol. 50: Oceanic Islands 2 383–384

INDEX

Volume 45 (Part 2)

Basionyms and synonyms appear in italics. Page numbers in italics indicate the presence of illustrations.

- Acetabularia 371
 Actinidiaceae 335
 Adenantha sp. 335
 Adinandra acuminata 319
 Adinandra sp. 334
 Agaricales 337
 Agaricus 340,362
 Agathis borneensis 334
 Agathis dammara 317
 Agavaceae 333
 Agrocybe 360,376
 Agrocybe arenaria 364
 Agrocybe arenicola 360,362
 Agrocybe arvalis 362
 Agrocybe broadwayii 362,363,364
 Agrocybe earlei 364
 Agrocybe malesiana 359,363,365
 Agrocybe manihotis 363,364
 Agrocybe pediades 363
 Agrocybe putaminum 379
 Agrocybe retifera 364
 Agrocybe retigera 364
 Agrocybe semiorbicularis 362,365
 Agrocybe vervacti 362
 Agrocybe viscosa 364
 Amanita 371
 Amanitosis 371
 Amauroderma 337
 Antidesma sp. 333
 Aphanamixis myrmecophila 316
 Apocynaceae 333
 Araucariaceae 334
 Ardisia sp. 334,335
 Artocarpus spp. 321,333
 Asclepiadaceae 326
 Baeckia frutescens 318,326,334
 Banksia dentata 318,333
 Barteria fistulosa 316
 Bolbitiaceae 359,371
 Bolbitius 366,368,369,375,378
 Bolbitius aff. nobilis 376
 Bolbitius aleuriatus 368
 Bolbitius coprophilus 368,369
 Bolbitius glaucopurpureus 366
 Bolbitius malesianus 359,366
 Bolbitius mexicanus 368
 Bolbitius reticulatus 366,368
 Bolbitius varicolor 368,369
 Boibitius vitellinus 368,369
 Boletus 337,347,348
 Bulbophyllum sp. 326
 Calophyllum austrocoriaceum 334
 Campnosperma brevipetiolatum 316
 Candidae 377
 Castanopsis 298
 Castanopsis acuminatissima 317,322,335
 Casuarina 362
 Casuarina nobilis 334
 Casuarina sp. 333,334
 Casuarinaceae 333,334
 Chitonia 371
 Chrysobalanaceae 333,334
 Cinnamomum scortechinii 334
 Citrus maxima 384
 Cocos nucifera 321,333
 Conocybe 370,375,376,377,378,379
 Conocybe brunnea 379
 Conocybe corneri 370,371
 Conocybe crispa 378
 Conocybe fragilis 372
 Conocybe hornana 371
 Conocybe huijsmanii 375,377,378
 Conocybe huijsmanii var. conica 359,377
 Conocybe lactea 378
 Conocybe lenticulospora 377
 Conocybe lentispora 377
 Conocybe mitrispora 359,376
 Conocybe nodulosospora 371,372
 Conocybe rickeniana 377
 Conocybe sp.1 374
 Conocybe sp.2 375
 Conocybe sp.3 378
 Conocybe sp.4 379
 Conocybe spp. 374,376
 Conocybe tenera 376
 Coprinus 337,375

- Cortinariaceae 371
 Cratoxylum sp. 334
 Crematogaster 295
 Crematogaster treubi 321
 Cunoniaceae 334,335
 Cyathea sp. 333
 Cyatheaceae 333

 Dacrydium becarrii 317,318,334
 Davallia deparioides 301
 Dillenia sp. 333
 Dilleniaceae 333
 Dipteris conjugata 317
 Dipterocarpaceae 316,333,335
 Dischidia 319,320,322,325
 Dischidia astephana 318,321
 Dischidia nummularia 318,326
 Dischidia rafflesiana 318
 Dracaena sp. 333
 Drynaria lomarioides 298
 Dysoxylon sp. 333

 Elaeocarpaceae 335
 Elaeocarpus culminicola 335
 Engelhardtia rigida 335
 Ericaceae 317,334,335
 Eucalyptopsis sp. 333
 Eucalyptus 322
 Eucalyptus spp. 318
 Eugenia attenuata 334
 Eugenia multibracteosa 318,334
 Eugenia spicata 319
 Eugenia syzygioides 333
 Euphorbiaceae 333

 Fagaceae 334,335
 Farinosae 376
 Ficus chartacea 334
 Ficus sp. 322,333,335

 Gaertnera sp. 334
 Galbulimima belgaveana 335
 Galera "Borneo" 376
 Galera 2 375,377
 Galera 3 375
 Galera crispa 378
 Galera fragilis 372
 Galera incarnata 374
 Galera simulans 378
 Galera tenera 376
 Ganoderma 337
 Garcinia rostrata 334
 Garcinia sp. 335

 Glochidion sp. 333
 Guttiferae 334,335

 Hamamelidaceae 334
 Hebeloma 339
 Hebeloma broadwayii 363
 Hevea brasiliensis 333
 Himantandraceae 335
 Hippobroma longiflora 383
 Hopea polyalthioides 333
 Hydnophytum 317,319,320,325,326
 Hydnophytum formicarum 318,320
 Hydnophytum mosleyanum 318,320
 Hypholoma elatum 346

 Imperata cylindrica 318
 Inocybe sp. 362
 Iridomyrmex 295
 Iridomyrmex cordatus 293,319,320
 Ischaemum 377
 Isotoma longiflora 383
 Ixonanthaceae 334
 Ixonanthes becarrii 334

 Knema sp. 334

 Lacrymaria 337
 Lauraceae 316,334
 Laurentia longiflora 383
 Lecanopteris
 293,295,296,301,307,312,313,314,
 320,321,322,323,324,325,326,333
 Lecanopteris balgooyi 293,296,
 297,304,307,316, 324,325
 Lecanopteris carnosa
 293,296,297,304,305,307,
 316,317,324,325
 Lecanopteris celebica
 293,295,296,297,305,307,
 316,317,319,322, 324,325
 Lecanopteris crustacea
 293,295,296,297,300,307,
 313,314,316,319,323,325,326,335
 Lecanopteris curtisii
 293,295,296,297,301,303,307,
 309,313,314,316,317,318,319,
 324,325,326
 Lecanopteris darnaedii
 293,295,296,298,306,311,313,
 314,315,316,317,324
 Lecanopteris deparioides 301
 Lecanopteris holttumii
 296,298,307,316,317,321,325

- Lecanopteris incurvata* 301
Lecanopteris incurvatum 301
Lecanopteris luzonensis
 293,296,297,305,307,313
Lecanopteris macleayi 301
Lecanopteris mirabilis
 293,295,296,297,298,299,307,313,
 314,316,317,319,322,323,325,326,335
Lecanopteris nieuwenhuisenii 305
Lecanopteris philippinensis
 301,307,313,324
Lecanopteris pumila
 293,295,296,298,305,307,310,313,
 314,316,317,319,321,322,324,
 325,326,334
Lecanopteris saccata 301
Lecanopteris sarcopus
 293,295,296,297,298,307,313,314,
 315,319,323,324,325,326
Lecanopteris sinuosa
 293,295,296,297,301,302,307,313,
 314,315,316,317,318,319,320,321,
 322,323,324,325,326,333
Lecanopteris spinosa
 296,298,306,316,317,325
 Lecythidaceae 333
 Leguminosae 316,335
Leonardoxa africana 316
Leptospermum 322
Leptospermum flavescens 333
Leucocoprinus 375
Linociera sp. 335
Lithocarpus rassa 334
Lithocarpus sp. 334,335
Locellina 371
Locellina 1 371
Locellina sp. 371

Macrometrula 371
Mallocybe sp. 362
Matonia pectinata 317
 Matoniaceae 317
Melaleuca 322
Melaleuca spp. 318
Melanthra biflora 383
 Meliaceae 316,333
Microsorium 321
 Moraceae 333,334,335
Moringa oleifera 383
Moringa pterygosperma 383
Mycena 368
 Myristicaceae 334
Myrmecodia 319,320,325

Myrmecodia lamii 317
Myrmecodia sp. 326
Myrmecodia tuberosa 318,320
Myrmecophila 296
Myrmecophila sarcopus 300
Myrmecophila sinuosa 301
Myrmecophila ulotheca 298
Myrmecopteris
 293,296,298,307,308,323,324,325
Myrmecopteris lomarioides 300
Myrmecopteris mirabilis 298
Myrmecopteris sarcopus 300
Myrmecopteris sinuosa 301
Myrmecopteris ulotheca 298
 Myrsinaceae 334,335
 Myrtaceae 318,319,326,333,334,335

Nauclea orientalis 333
Naucoria 362,379
Naucoria 2b 380
Naucoria 3 363,364,365
Naucoria 3a 364
Naucoria 5 363
Naucoria 7 365
Naucoria arenicola 360
Naucoria semiorbicularis 365
Nodulosporae 371,372
Nothofagus 318
Nothofagus grandis 335

 Oleaceae 335
Onychium carnosum 295,304
 Orchidaceae 326

 Palmae 333
 Pandanaceae 333
Pandanus sp. 333
Parastemon spicatum 334
Parinari sp. 333
 Passifloraceae 316
 Pediaceae 360,365
 Pelliculariae 375
Pholiotina 378,379
Phymatodes 321
Phymatodes crustacea 300
Phymatodes sinuosa 301
 Piliferae 379
Pilosellae 372,375
Planchonella sp. 318,321,333,335
Planchonia sp. 333
Platyterium ridleyi 316
Pleopeltis carnosus 304
Pleopeltis imbricata 298

Pleopeltis lomarioides 298,300
Pleopeltis macleayi 301
Pleopeltis sarcopus 300
Pleopeltis sinuosa 301
Ploiarium alternifolium 318,334
Plumeria sp. 333
Pluteolus 366
Podocarpaceae 317,334
Polypodiaceae 293,316,317
Polypodium 296
Polypodium barisanicum 301
Polypodium carnosum 304
Polypodium curtisii 301
Polypodium deparioides 301
Polypodium imbricatum 298
Polypodium incurvatum 301
Polypodium lecanopteris 304
Polypodium lomarioides 298,300
Polypodium mirabile 298
Polypodium naviculare 301
Polypodium patelliferum 301
Polypodium sarcopus 300
Polypodium sauvinierei 300
Polypodium sinuosum 301
Polypodium ulotheca 298
Proteaceae 333
Prunus sp. 334
Psathyrella 337,338,346,352, 353,354,376
Psathyrella flavidifolia 337,338,339
Psathyrella malayana
 337,338,339,340,341,342,345,346,
 347,348,352,353
Psathyrella michiganense 376
Psathyrella nigeriensis 337,352,353
Psathyrella retispora
 338,340,341,342,345,346,347
 349,352,353,354,355
Psathyrella rugocephala 339
Psathyrella sarcocephala 376
Psathyrella splendens
 337,338,339,341,342,344,346,
 347,350,352,353,354,356
Psathyrella trechispora 340,352,353
Psathyrella verrucispora
 337,338,342,344,346,347,351,
 352,353,354,357
Psathyrella verrucispora var. *minima*
 345,346
Pseudoconocybe nodulosospora 371
Pternandra coerulescens 318

Quercus lineata 334

Rhododendron spp. 317
Rhododendron wrayii 335
Rhodoleia championii 334
Rosaceae 334
Rubiaceae 333,334,335
Russula 375

Sapotaceae 333,335
Saurauia sp. 335
Schefflera sp. 333,335
Shorea albida 316,319,335
Singerella 370,371,375
Sterculia sp. 333
Sterculiaceae 333
Stropharia 337,344
Stropharia umbonata 344
Swietenia mahagoni 384
Swietenia mahogani 384
Symingtonia populnea 334
Syzygium sp. 335

Theaceae 333,334
Theobroma cacao 321,333
Timonius flavescens 319,334
Timonius timon 318,333
Toona sp. 333
Tristania merguensis 319
Tristania obovata 319,334
Tristania spp. 318

Vaccinium bancanum 334
Vaccinium spp. 317,334,335
Volvaria 371
Volvariella 371

Wedelia biflora 383
Weinmannia blumei 334
Weinmannia ledermanni 335

Xylocarpus sp. 333



