

BOTANICAL LITERATURE

ALEXIUS, Barbro

1987: The genus *Lerchea* (Rubiaceae)  
Blumea 32(1): 91 – 114, with 15 figures.

The genus, confined to Sumatra and Java, comprises 8 species, of which two are described as new to science.

BRIDSON, Diane M.

1987: Nomenclatural notes on *Psilanthus*, including *Coffea* sect. *Paracoffea* (Rubiaceae tribe Coffeae).  
Kew Bull. 42(2): 453 – 460, with four tables.

The new combination *Psilanthus* subgen. *Afrocoffea* is made and *Psilanthus lebrunianus* validated.

BROWNSEY, P.J.

1987: A review of the fern genus *Hypolepis* (Dennstaedtiaceae) in the Malesian and Pacific regions.  
Blumea 32(2): 227 – 276, with 17 figures.

Fourteen species and one subspecies are recognised in the Malesian and Pacific regions, excluding Australia and New Zealand, of which 3 new taxa are described. Key to species is provided. *Hypolepis polypodioides* (Bl.) Book. and *H. punctata* (Thunb.) Mett. ex Kuhn are recorded also from Thailand.

BURNS-BALOGH, Pamela

1986: A phylogenetic analysis of the Orchidaceae.  
Smithson. Contr. Bot. 61: 1 – 79, with 94 figures and four coloured plates.

The family Orchidaceae is classified into: Non-Monandrous Orchids with 3 subfamilies: *Neuwiedioideae*, *Apostasioideae*, and *Cypripedioideae*, of which *Neuwiedioideae* is a new subfamily; and Monandrous Orchids with 4 subfamilies: *Spiranθοideae*, *Neottioideae*, *Orchidoideae* and *Epidendroideae*. The author feels that this classification based on consistent characters will reflect the natural groups within the Orchidaceae. She urges specialists in the various groups to work within each tribe and determine the naturalness of the subtribes. One of the most advantageous aspects of cladistic methodology is that it allows for easy criticism and reevaluation.

BUT, P. Pui-Hay, Using-hao HSUE & Ping-T'ao LI

1986: *Tsiangia*, a new genus based on *Gaertnera hongkongensis* (Rubiaceae).  
Blumea 31(2): 309 – 312.

The new genus is proposed to accommodate the new combination, *Tsiangia hongkongensis*.

CHANG, Gui-yi and Ming-yuan LIU

1987: A new species of *Artemisia* from northeast of China.

Bull. Bot. Res. 7(3): 79–82, with one figure. Chinese text with Latin description.

*Artemisia zhaodongensis* Chang et Liou is described and illustrated, based on the collection from Heilongjiang in Zhaodong.

CHANG, Yong-tian

1986: *Materiae ad floram euphorbiacearum sinensium* (III).

Acta Phytotax. Sin. 24(2): 143–146, with one figure. Chinese text and Latin descriptions.

Five species of the genus *Croton* are treated of which three are described and illustrated as new to science, based on collections from Sichuan and Yunnan.

CHEN, Sing-chi

1987: New taxa of Orchidaceae from China (2).

Acta Phytotax. Sin. 25(6): 472–475, with two figures. Chinese text with Latin descriptions.

Two species and one variety are described and illustrated: *Cephalanthera bijiangensis* Chen from Yunnan; *Listera grandiflora* Rolfe var. *megalochila* Chen from Sichuan; and *Pleione saxicola* Chen from Yunnan.

CHENG, Jing-fu

1987: A new species of *Huperzia*.

Bull. Bot. Res. 7(3): 113–115, with one figure. Chinese text with Latin description.

*Huperzia minimadenta* Cheng is described and illustrated, based on collections from Jiangxi.

CHRISTENSON, Eric A.

1986: An historical review of *Saccolabium* (Orchidaceae) and excluded species.

Kew Bull. 41(4): 833–853.

*Saccolabium* Bl., long a catch-all for saccate-lipped taxa in the subtribe *Sarcanthinae* (subfamily *Vandoideae* tribe *Vandeeae*), is revised. Although 348 taxa have been proposed, *Saccolabium*, as currently understood, comprises four species. The 27 sections formerly proposed and 6 series are here typified and an index is provided to the excluded species.

CORNER, E.J.H.

1985: The botany of some islets east of Pahang and Johore.

Gardns. Bull. Sing. 38(1): 1–42, with six figures and 20 plates.

The appearance and vegetation of the islets Babi Tengah, Baru, Berhala,

Chibeh, Duchong, Gup, Labas, Pyah, Rengis, Sepoi, Satindan, Tokong Burong and Tulai are compared with Tongong Ruit in Tiunan as they were in 1932–1936. Their status as degenerate headlands in the Riouw Pocket is considered. The islets belong to three geological formations. Remains of the giant clam, *Tridacna*, were found on Pular Tulai.

CROXALL, J.P.

1986: *Microgonium* (Hymenophyllaceae) in Malesia, with special reference to Peninsular Malaysia.

Kew Bull. 41(3): 519–531, with three figures.

The six species of *Microgonium* occurring in south-east Asia and Malesia are described, illustrated and distinguished, and their distributions are reviewed. *M. tahitense* is recorded for the first time from Malaysia and Thailand.

DI, Wei-zhong and Yi REN

1987: A new species of *Pseudostellaria* (Caryophyllaceae) from Helan mountain.

Acta Phytotax. Sin. 25(6): 478–479, with one figure. Chinese text with Latin description.

*Pseudostellaria helanshanensis* Di et Ren is described and illustrated, based on collections from Nei Monggol.

DIJK, J. van

1986: A taxonomic revision of *Dictyoneura* (Sapindaceae).

Blumea 31(2): 437–449, with two figures.

Three species are recognised, one of which has not been named. All the taxa are confined to Malesia from E. Borneo to New Guinea.

DRANSFIELD, John, J.B. COMBER & G. SMITH

1986: A synopsis of *Corybas* (Orchidaceae) in West Malesia and Asia.

Kew Bull. 41(3): 573–613, with 15 figures and five coloured plates.

A synopsis of *Corybas* Salisb. (Orchidaceae) West of Wallace's line is provided. Twenty-seven taxa are keyed out and six imperfectly known species discussed. Thirteen new species are described and named.

DUISTERMAAT, Helena

1987: A revision of *Oryza* (Gramineae) in Malesia and Australia.

Blumea 32(1): 157–193, with five figures.

Nine species are recognised in Malesia and Australia, of which one is only known from Irian Jaya and two are endemic to Australia. The name for the subfamily Oryzoideae is validated.

Five species occur in Thailand: *O. rufipogon*, *O. sativa*, *O. minuta*, *O. meyeriana* var. *granulata*, and *O. ridleyi*.

FANG, Ming-Yuan

1988: New taxa of *Rhododendron* from Sichuan and Xizang.  
Acta Phytotax. Sin. 26(1): 66–68, with two figures.

*Rhododendron megalanthum* Fang and *R. longicalyx* Fang are described as new taxa from Xizang, Medog and Sichuan, Kanding, Chaiyuangou in China; and a new subspecies, *R. calophytum* Franch. subsp. *jinfuense* Fang from Sichuan, Nanchuan, Jinfu Shan, Fengchuilong.

FANG, Xin-ping and Chen-ko HSIEH

1987: New taxa of *Acanthopanax* Miq. from Sichuan.  
Bull. Bot. Res. 7(4): 87–92, with two figures. Chinese text, Latin descriptions and English abstracts.

Three species of *Acanthopanax* are described and illustrated.

FERGUSON, I.K., A.J. HARVARD & J. DRANSFIELD

1987: The pollen morphology of the tribe Borasseae (Palmae: Coryphoideae).

The pollen morphology of seven genera and 14 species of the tribe *Borasseae* has been studied.

FU, Pei-yun

1987: A study of the genus *Campylotropis* Bunge in China.

Bull. Bot. Res. 7(4): 11-55, with 6 figures. Text in Chinese with Latin descriptions and English abstract.

Twenty-nine species, six varieties and six forms of the genus *Campylotropis* are recorded from China; four species, three varieties and three forms are recognised as new to science; new combinations of two varieties and 3 forms are made. Formerly the genus has been treated as a section of *Lespedeza*, but the characteristic much incurved keel with acute, elongated to a rostriformed tip, caducous bracteoles and little smaller meshes on the surface of pollens the author deems good enough to reinstate it as a genus.

Following species occur in Thailand.- *Campylotropis harmsii* Schindl., *C. henryi* (Schindl.) Schindl., and *C. parviflora* (Kurz) Schindl.

GHOSH, R.C.

1980: Prof. Harry G. Champion (1891-1980).  
Ind. Forest. 106(7): 513. Photo.

An obituary of Prof. Sir Harry G. Champion, G.I.E.

GIRI, G. & M.P. NAYAR

1986: A new species of *Osbeckia* (Melastomataceae) from southern India.  
Kew Bull. 41(2): 429–431, with one figure.

*O. mehrana* Giri & Nayar is described and illustrated.

GREEN, P.S.

1987: A long-misapplied name for a Sino-Indian species of *Jasminum*.  
Studies in the genus *Jasminum* (Oleaceae): XI.

Kew Bull. 42(2): 437 – 438.

Priority over *Jasminum amplexicaule* has been given to *J. elongatum*, a name long-misapplied to a species from China, Burma and India.

HANSEN, Bertel

1985: *Cosmianthemum knoxiifolium* (C.B. Clarke) B. Hansen comb. nov.  
Acanthaceae.

Nord. J. Bot. 5: 195 – 197, with two figures.

An amended description of *Gymnostachyum knoxiifolium* C.B. Clarke is given. Reasons for its transfer to *Cosmianthemum* Brem. are discussed and the new combination published. *Pseuderanthemum parviflorum* Ridl., *Ptyssiglottis parviflora* (Ridl.) Ridl., and *Sphinctacanthus malayanus* Ridl. are sunk into its synonymy.

1985: Notes on the genus *Sphinctacanthus* (Acanthaceae).

Nord. J. Bot. 5: 225 – 228, with one figure.

The six species up till now assigned to *Sphinctacanthus* Benth. are reconsidered. Only the type species, *S. griffithii* (T. Anders.) Benth. from India remains and is provided with an emended description.

The other five species from Burma through Thailand to the Malay Peninsula and Sumatra are excluded and their true identity given.

1987: *Justicia* sect. *Grossa* sect. nov. (Acanthaceae).

Nord. J. Bot. 7: 505 – 509, with 2 figures.

A new section of *Justicia* is delimited and described. A key to the three known species is given. *J. grossa* C.B. Clarke and *J. bicalcarata* Craib occurs in Thailand.

HENNIPMAN, E.

1986: Notes on the ant-ferns of *Lecanopteris* sensu stricto in Sulawesi, with the description of two new species.

Kew Bull. 41(4): 781 – 788, with two figures.

The species of *Lecanopteris* s.s. native to Sulawesi are revised; four species are recognized, with two new species, *L. balgooyi* Hennipman and *L. darnaedii* Hennipman.

HEPPER, F.N. & P. -M. L. JAEGER

1986: Name changes for two Old World *Solanum* species.

Kew Bull. 41(2): 433 – 435.

*Solanum virginianum* L. is lectotypified with a Dillenius plate and the name replaces *S. surattense* Burm. f. and *S. xanthocarpum* Schrad. & Wendl., which are placed in synonymy.

HOLTUM, R.E.

1986: On *Aerides elongata* Bl. (Orchidaceae).  
Kew Bull. 41(2): 347–348.

An examination of type of *Aerides elongata* Bl. shows it to belong to the genus *Renanthera* Lour., not to *Porphryodesme* Schltr.

He has the opinion that the taxon Dr. G. Seidenfaden published in “Contribution to the orchid flora of Thailand VI. Bot. Tidsskr. 70:64–97. 1975” is not *Porphryodesme elongata* (Bl.) Garay, but another species.

HOTTA, Mitsuru

1985: New species of the genus *Homalomena* (Araceae) from Sumatra with a short note on the genus *Furtadoa*.  
Gdns. Bull. Sing. 38(1): 43–54, with 8 figures.

Five new species of the genus *Homalomena* (Araceae) from Sumatra are described and their relationships and chromosome numbers briefly discussed. *Homalomena mixta* is transferred to the genus *Furtadoa* on the basis of the floral characters.

HSUE, Hsiang-hao and Han WU

1986: New taxa of *Mussaenda* Linn. from China.  
Acta Phytotax. Sin. 24(3): 233–239, with 3 figures. Chinese text with Latin description.

Five new species are described and illustrated based on the collections from Guangdong, Guangxi, and Yunnan; a new form is recognised, *Mussaenda pubescens* Ait. f. forma italics Chun; *Mussaenda treutleri* Stapf is a new record to China.

HU, Chiming and Yung-chang YANG

1986: A revision of the genus *Androsace* L. in China (to be continued).  
Acta Phytotax. Sin. 24(2): 108–120; *ibid.* 24(3): 215–232, with three figures. Chinese text, Latin descriptions and English abstract.

Seventy-one species, including seven new species are recognised in China. A key to species is provided.

HUANG, Su-hua

1987: New Taxa of the genus *Agapetes* D. Don ex G. Don from Xizang.  
Acta Phytotax. Sin. 25(4): 314–318, with three figures. Text in Chinese, Latin descriptions and English abstract.

Six species of *Agapetes* are described and illustrated.

HUNT, D.R.

1986: *Campelia*, *Rhoeo* and *Zebrina* united with *Tradescantia*. American Commelinaceae XIII.

Kew Bull. 41(2): 401 – 405.

The treatment of *Campelia* L.C. Rich., *Rhoeo* Hance and *Zebrina* Schnizlein as sections of *Tradescantia* L. is proposed.

ITO, M. and M. HOTTA

1986: *Carallia eugenioidea* (Rhizophoraceae) and its new variety from Sumatra. Acta Phytotax. Geobot. 37(4 – 6): 144 – 148, with four figures.

*Carallia eugenioidea* King var. *sumatrensis* Ito et Hotta is described and illustrated, based on collections from montane oak forest, 1,000 – 2,000 m alt. of Sumatra.

JARRETT, F.M. et al.

1985: Index Filicum Supplementum Quintum pro annis 1961 – 1975. Pp. 245. Oxford: Clarendon Press. ISBN 0 19 854579 7.

JERMY, A.C.

1986: Two new *Selaginella* species from Gunung Mulu National Park, Sarawak. Kew Bull. 41(3): 547 – 559, with six figures.

*Selaginella lineariformis* Jermy and *S. chaili* Jermy are described and illustrated as new to science; the former is from sandstone rocks in lowland dipterocarp forest, the latter from lowland limestone forest.

JOHANSSON, J.T.

1987: *Motleyia*, a new genus of the Rubiaceae from Borneo. Blumea 32(1): 149 – 155, with four figures.

The monotypic genus *Motleyia* and the species *M. borneensis* Johans. are described basing on material from N. Borneo. It is similar to *Prismatomeris*.

KALKMAN, C.

1987: In memoriam C.G.G.J. van Steenis (1901 – 1986). Blumea 32(1): 1 – 37, with one photograph.

A brief biography is given in a few highlights, with a full bibliography of this great botanist.

KAUL, Robert B.

1987: Reproductive structure of *Lithocarpus sensu lato* (Fagaceae): Cymules and fruits.

J. Arn. Arb. 68(1): 73 – 104, with 111 figures.

Seventy-three species were examined for structural and development details of the cymules and fruits. The cymules bear one to seven or more flowers and subtended by one to nine or more bracteoles.

KAUR, A et al.

1986: Cytoembryology of some Malesian dipterocarps, with some evidence of apomixis.

Bot. J. Linn. Soc. 92: 75–88, with 7 figures.

Embryological and cytological studies on some members of the Dipterocarpaceae were undertaken. Of the dipterocarps investigated 83% were diploids. Polyploids tend to produce multiple seedlings. The diploids producing multiple seedlings are *Shorea agami* and *S. macroptera*.

KAUSHAL, P.S. & C. JEFFREY

1987: The occurrence of *Crepis capillaris* (Compositae) in India and its distinction from *Crepis sancta*.

Kew Bull. 42(2): 429–431, with one figure.

*Crepis capillaris* (Linn.) Wall. is recorded from India for the first time, and distinguished from *C. sancta* (Linn.) Babco. with which it had previously been confused.

KOYAMA, H.

1985: Taxonomic studies in the Compositae of Thailand 5.

Acta Phytotax. Geobot. 36(1–3): 59–68, with one figure.

Dealing with the tribe *Heliantheae* there is no novelty. *Acanthospermum hispidum* DC., *Clibadium surinamense* Linn., *Eleutheranthera ruderalis* (Sw.) Sch.-Bip., and *Galinsoga parviflora* Cav. are reported for the first time of its introduction into Thailand.

1985: Taxonomic studies in the Compositae of Thailand 6.

Acta phytotax. Geobot. 36(4–6): 167–172, with three figures.

Dealing with the genus *Wedelia*, five native and two introduced species are recorded. A new species: *W. thailandica* H. Koyama is described and illustrated; one new combination and status is made: *W. montana* (Bl.) Boerl. var. *wallichii* (Less.) H. Koyama; and a new variety is proposed: *W. montana* var. *pilosa* H. Koyama.

1986: Taxonomic studies in the Compositae of Thailand 7.

Acta Phytotax. Geobot. 37(4–6): 111–116, with one figure.

A study on the tribe *Senecioneae* comprising 4 genera is undertaken. *Cissampelopsis corifolia* Jeffrey et Chen is a new record, and *Emilia khaopawtaensis* Koyama is described and illustrated. *Senecio walkeri* (Kerr, Fl. Siam. Enum. 2(3): 292. (1936) is treated as a synonym of *Cissampelopsis volubilis* (DC.) Miq.

KUMAR, C. Sathish & Fin N. RASMUSSEN

1987: *Cheirostylis seidenfadeniana* sp. nov. (Orchidaceae) from India.

Nord. J. Bot. 7(4): 409–411, with two figures.

*Cheirostylis seidenfadeniana* Kumar et Rasm. is described from Karala in



India. The new species appears to be related to *C. parvifolia* and shares some characteristics with *C. thailandica* and *C. montana*, but differs in floral characters.

LANG, Kai-yung

1987: The genus *Peristylus* Blume (Orchidaceae) in China.

Acta Phytotax. Sin 25(6): 442 – 459, with one figures and five maps.  
Chinese text, with Latin description and English abstract.

Twenty species are recognised, including one new species: *Peristylus jinchuanicus* K.Y. Lang, and four new combinations. A key to the species is provided. Six species also occur in Thailand.

LARSEN, Kai, Supee S. LARSEN and T. Myndel PEDERSEN

1987: *Siamosia thailandica* gen. et sp. Nov. from Thailand (Amaranthaceae).

Nord. J. Bot. 7(3): 271 – 176, with three figures and two tables.

The genus *Siamosia* Larsen et al. (Amaranthaceae) is established and the type species *S. thailandica* is described and illustrated. The pollen morphology is compared with the related genera *Chamissoa*, *Charpentiera*, *Herbstia* and *Indobanalia*.

The plant occurs in Peninsular Thailand, along Surat Thani-Takua Pa Road on wet rocks in evergreen forest, alt. 100 m; and in southwestern Thailand at Sangkhla, Kanchanaburi, by stream alt. 250 m.

LAUBENFELS, D.J. de

1987: Revision of the genus *Nageia* (Podocarpaceae).

Blumea 32(1): 209 – 211.

Owing to the changes in nomenclatural rules the species previously included in *Decussocarpus* are moved to *Nageia*, resulting in a number of new combinations.

LEENHOUTS, P.W.

1986: A taxonomic revision of *Nephelium* (Sapindaceae).

Blumea 31(2): 373 – 436, with six figures.

Twenty-two species are recognised, six of which are new. *Nephelium cuspidatum* is subdivided into six varieties and four subvarieties. *N. lappaceum* comprises three varieties.

In Thailand there occur five species: *N. cuspidatum*, *N. hypoleucum*, *N. lappaceum*, *N. melliferum* and *N. ramboutan-ake*.

1987: New species in *Alectryon* (Sapindaceae).

Blumea 32(1): 221 – 224.

Three species are described as new to science from New Guinea and the Kangean Archipelago.

LI, Ping-tao

1987: A revision of the Chinese *Phyllanthodendron* (Euphorbiaceae).

Bull. Bot. Res. 7(3): 1–9. Text in Chinese, Latin diagnosis and English abstract.

Ten species are recorded from China including four new species and one new combination.

This taxon was treated as a section of the genus *Phyllanthus* by H.K. Airy Shaw in Kew Bulletin 26(2) 1971.

LI, Ping-t'ao and Xue-ming WANG

1987: A new species of *Gongronema* (Asclepiadaceae) from Guizhou.

Acta Phytotax. Sin. 25(6): 276–477, with one figure. Chinese text with Latin description.

*Gongronema multibractelatum* LI et WANG is described and illustrated.

LI, Ying, Sheng-li PAN and Siqi LUO

1986: A new species of the genus *Bupleurum* (Umbelliferae) from China.

Acta Phytotax. Sin. 24(2): 150–155, with one figure. Chinese text, Latin description, and English abstract.

*Bupleurum luxiense* Li et Pan is described and illustrated, basing on the collection from Yunnan of a medicinal plant known locally as “Chai-hu”.

The preliminary phytochemistry of this new species was carried out. The qualitative analysis of saikosaponin is similar to that of *B. chinese* DC., the standard materia medica of Chai-hu. Moreover the roots of *B. luxiense* contain saikoside two times more than *B. chinense*.

LIM, Ah-Can

1986: The comparative inflorescence structure in five Malaysian species of *Arthropphyllum* (Araliaceae).

Kew Bull. 41(4): 769–780, with 5 figures.

The massive, terminal inflorescences of *Arthropphyllum diversifolium* and *Arthropphyllum crassum* show four orders of branching; *Arthropphyllum montanum* and *Arthropphyllum stonoi* three orders of branching; and *Arthropphyllum alternifolium* two orders of branching.

LINDER, H.P.

1987: The evolutionary history of the *Poales/Restionales*—a hypothesis.

Kew Bull. 42(2): 297–318, with eight figures.

The existing hypotheses on the phylogeny of the families of the *Poales* are reviewed, and the data on which they are based are critically asserted. The generic groups in the *Restionaceae*, as well as the biology of the extant taxa is presented.

LING, Yeou-ruenn

1987: On the status of *Artemisia dubia* Wall. ex Bess. and *A. myriantha* Wall. ex Bess. (Compositae).

Kew Bull 42(2): 443–448, with one figure.

The nomenclature and taxonomy of two very confused species, *Artemisia dubia* Wall. ex Bess. and *A. myriantha* Wall. ex Bess., are clarified.

LIU, Bing-lun

1987: Pollen morphology of the family Rutaceae in China  
Bull. Bot. Res. 7(3): 11–37, with 17 plates. Text in Chinese, with English abstract.

The pollen morphology of 52 species and two varieties in 21 genera of Rutaceae was studied and illustrated.

LOU, Jian-shing

1987: Three new species of *Porella* from mountain Hengduan, China.  
Acta Phytotax. Sin. 25(6): 482–485, with two figures. Text in Chinese, with Latin descriptions.

*Porella latifolia* Lou et li, *P. subparaphyllina* Lou, and *P. undatorevoluta* Lou are described and illustrated, based on the collections from Sichuan and Yunnan.

LUO, Ping and Tao Hong

1987: A new species of *Populus* in tropical forests from Hainan.  
Bull. Bot. Res. 7(3): 67–69, Text in Chinese with Latin description.

*Populus qionghaoensis* Hong et Luo is described as new to science based on the collections from Hainan, Guangdong Province.

LUND, I.D.

1987: The genus *Panisea* (Orchidaceae), a taxonomic revision.  
Nord. J. Bot. 7: 511–527, with 20 figures.

The genus *Panisia* is revised. A total of 13 taxa have previously been described. In the present revision seven species are recognized, of which four are recorded from Thailand. *Panisia distelidia* I.D. Lund is new to science and *P. tricallosa* Rolfe var. *garrettii* I.D. Lund is a new variety.

MAESEN, L.J.G. van der

1985: Revision of the genus *Pueraria* DC. with some notes on *Teyleria* Baker.  
Agric. Univ. Wageningen Papers 85–1: 1–132, 16 maps, 30 plates.

The taxonomy of the Asian genus *Pueraria* DC. (Leguminosae) has been revised. Seventeen species are now recognized, including *P. imbricata* v.d. Maesen sp. nov. from Laos and Thailand.

*Pueraria subspicata* (Benth.) Benth. was lowered from species to variety level under *P. phaseoloides* (Roxb.) Benth.; *P. thomsoni* Benth. and *P. montana* (Lour.) Merr. are placed as varieties of *P. lobata* (Willd.) Ohwi; *P. barbata* Craib is reduced to synonymy of the earlier monotypic genus *Teyleria* Baker as *T. barbata* (Craib) v.d. Maesen, also *P. tetragona* Merr. as *Teyleria tetragona* (Merr.) Lackey et v.d. Maesen.

1985: *Cajanus* DC. and *Atylosia* W. & A. (Leguminosae).

Agric. Univ. Wageningen Papers 85 – 4: 1 – 225, 32 figs., 37 maps, 13 pls.

The taxonomy of the genera *Cajanus* and *Atylosia* (Leguminosae-Papilionoideae, tribe Phaseoloides, subtribe Cajaninae) is revised. After a thorough study these genera prove to be congeneric and consequently *Atylosia* has been sunk into *Cajanus*. *Cajanus* now numbers 32 species including three new species from Australia. The most widespread species is *C. scalabaeoides*.

MANGEN, J.M.

1986: A new *Eriocaulon* from New Guinea (Eriocaulaceae).  
Blumea 31(2): 487 – 489, with one figure.

*Eriocaulon distichoides* Mangen is described and illustrated, based on the collection from Irian Jaya.

NAIR, N.C. and S.R. GHOSH

1968: The rare fern *Asplenium grevillei* Wall. ex Hook. et Grev.  
(Aspleniaceae). A new find for Peninsular India.  
Ind. For. 104(2): 819 – 822, with one figure.

*Asplenium grevillei* Wall. ex Hook. et Grev. is recorded for the first time from Kerala, Peninsular India. It is a rare species in India, but occurs widely in Thailand.

NAGAMASU, H.

1986: A new *Symplocos* (Symplocaceae) from West Sumatra, Indonesia.  
Acta Phytotax Geobot. 37(4 – 6): 149 – 151, with one figure.

*Symplocos hottae* Negamasu is described and illustrated, based on a collection from Sumatra Barat, Padang, alt. 1,000 – 1,100 m, in lower montane forest.

NOOTEBOOM, H.P.

1986: Additions to Bornean Symplocaceae.  
Blumea 31(2): 277 – 280.

Additional collections are mentioned, two species are described as new to science.

1987: Notes on Magnoliaceae II. Revision of *Magnolia* sections *Maingola* (Malesian species), *Aromadendron*, and *Blumiana*.  
Blumea 32(3): 343 – 382, with 10 figures.

Keys to the sections, species of sections *Maingola* and *Aromadendron* together, and species of each section are provided. In Section *Maingola* five species are recognised for Malesia. In section *Aromadendron* also five species are recognised. In section *Blumiana* seven species are recognised.

*Talauma candollei* (Bl.), *T. mutabilis* Bl., *T. longifolia* Bl., *Magnolia craibiana* Dandy, and *Talauma siamensis* Dandy are reduced under *Magnolia candollei* (Bl.) H. Keng. var. *candollei*; *Talauma hodgsoni* Hook.f. et Thoms. and *T. betongensis* Craib are under *Magnolia candollei* var. *obovata* (Korth.) Noot.

OKADA, H. & VEDA, K.

1984: Cytotaxonomical studies on Asian Annonaceae.  
Pl. Syst. Evol. 144: 165–177.

OKAMOTO, M.

1987: On the violet group subsect. *Serpentes* in Southeast Asia.  
Acta Phytotax. Geobot. 38(Jub. Vol.): 113–121, with two figures.  
Text in Japanese, with English summary.

The genus *Viola* subsect. *Serpentes* is discussed, there occur in SE. Asia six known species and an unnamed taxon. Species recorded from Thailand are: *V. pilosa* Bl., *V. glaucescens* Oudem., *V. rheophila* Okamoto, *V. curvistylis* Boiss. et Capit., and *V. sp.*

OLDRIDGE, S.G., D.N. PEGLER, D.A. REID & B.M. MOORE

1986: A collection of Fungi from Pahang and Negri Sembilan (Malaysia).  
Kew Bull. 41(4): 855–872, with two figures and one map.

Twenty-eight species of fungi collected during “Kew Assistants’ Expedition to Malaysia, 1985” are recorded and briefly described. *Microporus luteo-ceraceus* Reid is described as new; *Chaetocalathus semisupinus* (Berk. & Br.) Pegler and *Lentinus colliculosus* (Berk.) Reid is proposed as a new combination.

PANIGRAHI, Sarojini G.

1986: Seed morphology of *Rotala* L., *Ammannia* L., *Nesaea* Kunth and *Hionanthera* Fernandes & Diniz (Lythraceae).  
Bot. J. Linn. Soc. 93: 389–403, with 39 figures.

Seed-surface characteristics of *Ammannia latifolia* L., *Rotala verticillaris* L., *Nesaea triflora* Comm. ex Kunth and *Hionanthera garciae* Fernandes & Diniz were studied using the SEM. Seeds from herbarium specimens moistened in water produce cracks along the intercellular walls and distinctive types of invaginating ‘hairs’. These hairs are mucilaginous in nature and diagnostic at the species level.

PARRIS, B.S.

1986: Grammatidaceae of Peninsular Malaysia and Singapore.  
Kew Bull. 41(3): 491–517.

Forty-three species of Grammatidaceae (Ficales) are recorded from Peninsular Malaysia and Singapore, fourteen of which are additional to Holttum’s (1955) account of the family. These include four new species and one new combination. Keys are provided to genera and species.

RENUKA, C.

- 1987: A new species of *Calamus* (Palmae) from India.  
Kew Bull. 42(2): 433 – 435, with one figure.

*Calamus dransfieldii* Renuka sp. nov. is described from Kerala, India.

RENUKA, C. & K. SWARUPANANDAN

- 1986: Morphology of the flower in *Thottea siliquosa* and the existence of staminodes in Aristolochiaceae.  
Blumea 31(2): 313 – 318, with 17 figures.

So far staminodes are not known in *Thottea*, even it has been speculated that a reduction series of stamens does occur. Floral anatomical studies of *Thottea siliquosa* (Lamk.) Ding Hou brought to light the existence of staminodes.

SAHNI, K.C. and H.B. NAITHANI

- 1980: *Lithocarpus kamengii*, a new species from Arunachal Pradesh.  
Ind. Forest. 106(6): 411 – 443, with one figure.

*Lithocarpus kamengii* Sahi et Naithani, is described and illustrated, basing on the collection from Arunachal Pradesh.

The new species is closely related to *L. mildroyi* (Purkh.) Barnett, differed in large leaves with 18 pairs of lateral nerves, and aggregated cupules 2.6 × 3 cm in dimension.

SANDS, Martin J.S.

- 1986: Ronald Melville, I.S.O., B.Sc., Ph. D., M.P.S., Ph.S., F.L.S.  
1903 – 1985. Kew Bull. 41(4): 761 – 768, with one photograph.

An obituary.

SANJAPPA, M.

- 1986: A revision of the genus *Humboltia* Vahl (Leguminosae-Caesalpinioideae).  
Blumea 31(2): 329 – 339, with one figure and two maps.

The genus *Humboltia* Vahl is revised, all the taxa are confined to Western Ghat in India, except *H. laurifolia*, which extends southwards to Sri Lanka. A key to the six species and one variety is provided.

SCHOUTEN, R.T.A.

- 1986: Revision of the genus *Gymnacranthera* (Myristicaceae).  
Blumea 31(2): 451 – 486, with seven figures.

Seven species are recognised, one with two and another with four varieties, among which two new species are described. The genus has a wide distribution, ranging from S. India through S. Thailand to E. New Guinea and the Bismarck Archipelago, but absent from Java and the Lesser Sunda Islands.

Only two species are recorded from Thailand: *G. forbesii* and *G. farquhariana*.

SEALY, J. Robert

1986: A revision of the genus *Sarcococca* (Buxaceae).

Bot. J. Linn. Soc. 92: 117 – 159, with seven figures.

The genus *Sarcococca* is widely distributed in SE. Asia, under this revision eleven species are accepted. A key to the species and full descriptions are provided. Two species are recorded from Thailand: *S. coriacea* (Hooker) Sweet and *S. balansae* Gagnep.

SEIDENFADEN, Gunnar

1986: The appearance of an interesting *Trichoglottis* (Orchidaceae).

Kew Bull. 41(3): 693 – 695, with one figure.

An interesting collection of *Trichoglottis* from Thailand is discussed and illustrated.

SHAN, Pen-hwa, Meng-lan SHEH, Tieh-seng WANG, Fa-ting PU, Kuan-mien SHEN, and Ho-tseng CHANG

1986: New taxa of the Chinese Umbelliferae (2),

Acta Phytotax Sin. 24(4): 304 – 316, with 11 figures. Chinese text and Latin description.

Eleven species and three varieties are recognised as new to science belonging to the genera *Peucedanum*, *Pimpinella*, *Trachydium*, *Vicatia*, *Ferula*, *Ligustrum*, and *Heracleum*.

SHIMIZU, T., F. KONTA, H. KOYAMA and M. SHIMIZU

1984: Contribution to the flora of Southeast Asia, VII. Taxonomy and phytogeography of some temperate species in Thailand (3).

Acta Phytotax Geobot. 35(1 – 3): 37 – 43, with two figures.

Dealing with twelve species, belonging to the Umbelliferae, Balsaminaceae and Compositae; some species are endemic to Thailand.

SIRIRAKSA, Puangpen

1987: Three new species *Hiptage* (Malpighiaceae) from Thailand.

Nord. J. Bot. 7(3): 277 – 280, with one figure.

Three new species, *Hiptage calcicola*, *H. gracilis* and *H. monopteryx* are described. A key to the species of *Hiptage* found in Thailand is provided.

1987: Three new species and one new combination in *Boesenbergia* (Zingiberaceae) from Thailand.

Nord. J. Bot. 7(4): 421 – 425, with two figures.

The new species of *Boesenbergia* are described and illustrated: *B. acuminata*, *B. basispica* and *B. petiolata*. *B. siamensis* (Gagnep.) Siriraksa is a new combination. Key to the species in Thailand is provided.

SLEUMER, H.

1986: A revision of the genus *Rapanea* Aubl. (Myrsinaceae) in New Guinea. *Blumea* 31(2): 245 – 269.

Twenty-two species are treated, including five new species. A key to species and full descriptions of all taxa are given.

1987: A revision of the genus *Maesa* Forsk. (Myrsinaceae) in New Guinea, the Moluccas, and the Solomon Islands. *Blumea* 32(1): 39 – 65.

Twenty-six species, of which nine are new to science, are recognised. A key to the species, full descriptions of all taxa are given.

SODERSTROM, Thomas R. and Cleofé E. CALDERÓN

1979: A commentary on the bamboos (Poaceae: Bambusoideae). *Biotropica* 11(3): 161 – 172.

The bamboos of Asia have received far more attention taxonomically than those of the New World, where many new genera species are now coming to light due to recent explorations. The genera of Bambusoideae that occur in Asia, Africa and Madagascar, and the New World are listed.

SPICER, Robert A.

1986: Pectinal veins: a new concept in terminology for the description of dicotyledonous leaf venation patterns. *Bot. J. Linn. Soc.* 93: 379 – 388, with five figures.

A new terminology is proposed that dispenses with the need to differentiate between pinnate and palmate organization or between primary and secondary vein orders which commonly intergrade. Emphasis is placed upon the pattern of vein courses and branching hierarchy which provides unambiguous reference points for architectural descriptions and analyses.

Pectinal is designated from the Latin *pecten*—a comb, thus pectinal veins—combed veins.

SYMON, D.E.

1986: The phytogeography of New Guinea *Solanum* (Solanaceae). *Blumea* 31(2): 319 – 328.

A general biogeographical introduction is given; with an account of plate tectonics and a discussion of Wallace's Line and the geographic history of New Guinea. The widely accepted sections of *Solanum* are discussed.

TAMURA, M.

1986: A revision of genus *Naravelia*. *Acta Phytotax. Geobot.* 37(4 – 6): 106 – 110.

The genus *Naravelia* is revised comprising seven species, five of which occur



in Thailand. A new species, *Naravelia eichleri* Tamura is proposed based on a collection from Thailand: *KERR 7903*, Chiang Mai, Ban Pong Yaeng, between Mae Rim and Samoeng, 2,400 ft, climbing on bushes at edge of clearing, February 2, 1913. (Holotype in BM; Isotype in K and E).

TAO, De-ding

1986: *Fernandoa* Welw. ex Seem.— A new recorded genus of Bignoniaceae in China.

*Acta Phytotax. Sin.* 24(2): 147–149, with one figure. Chinese text and Latin description.

*Fernandoa quangxiensis* D.D. Tao is described and illustrated.

TAYLOR, Peter

1986: New taxa in *Utricularia* (Lentibulariaceae).

*Kew Bull.* 41(1): 1–18.

A new subgenus, new sections and new species are described and a complete new subdivision of the genus is proposed.

*U. corynephora* Taylor and *U. garrettii* Taylor both related to *U. striatula* Sm., are described from Burma and Thailand; the former species has its type in Tavoy, Burma; the latter from Doi Inthanon, Thailand.

TIRVENGADUM, D.D. and C. SASTRE

1986: Étude taxonomique et systématique de ramification chez *AIDIA* et genres asiatiques affins, et chez *BRACHYTOME* (Rubiaceae).

*Bull. Mus. Natn. Hist. Nat., Paris*, 4 sér., 8. section B, *Adansonia* 3: 257–296, Pls. 1–8.

The identity of *Aidia cochinchinensis*, type species of *Aidia* and that of two other genera, viz. *Anomanthodia* and *Gynopachis* is redefined. Eighteen species are attributed to *Aidia*, six to *Anomanthodia* and nine to *Gynopachis*. Two new monotypic genera, *Pseudaidia* and *Aidiopsis* are described. Five species are attributed to *Brachytome*, including a new one, *B. pitardii* Tirveng. *Aidiopsis forbesii* (King et Gamble) Tirveng. is a new record to Thailand.

TONG, Shao-quan

1986: A new species of *Boesenbergia* from Yunnan.

*Acta Phytotax. Sin.* 24(4): 323–324, with one figure. Text in Chinese, with Latin description.

*Boesenbergia albo-maculata* S.Q. Tong is described and illustrated.

TONG, Shao-quan and Yong-mei XIA

1987: New taxa of Zingiberaceae from southern Yunnan.

*Acta Phytotax. Sin.* 25(6): 460–471, with eight figures. Chinese text with Latin descriptions.

Eight species are described and illustrated: one *Plagiostachys* and seven *Zingiber*.

TOUW, A. & R. OCHYRA

1987: Additional notes on *Neckeropsis* 2.

*Lindbergia* 13: 97 – 104, with three figures. 1987.

Collections previously assigned to *N. moutieri* have been found to represent a mixture of two species. *N. moutieri* (Broth. et Par. in Par.) Fleisch. and *N. boniana* (Besch.) Touw et Ochyra. Several new reductions are proposed.

*N. submarginata* Card. ex Touw was previously recorded from Thailand. Malay Peninsula and the Andaman Islands has the extending range to Sikkim.

VELDKAMP, J.F. & R.C.H. FLIPPHI

1987: A revision of *Leptonychia* (Sterculiaceae) in Southeast Asia.

*Blumea* 32(2): 443 – 457, with four figures.

*Leptonychia* Turcz. (Sterculiaceae) has three species in Southeast Asia, one of which formerly included in the monotypic genus *Leptonychiopsis* Ridley; a new combination is provided for it and a new variety described. *Leptonychia caudata* (Wall. ex G.Don) Burret is also recorded from Peninsular Thailand.

VELDKAMP, J.F., R. de KONING & M.S.M. SOSEF

1986: Generic delimitation of *Rottboellia* and related genera (Gramineae).

*Blumea* 31(2): 281 – 307, with one map.

Generic delimitations within *Rottboelliastrae* Stapf and *Coelorachidastrae* Clayton are revised. The necessary new combinations, a list of genera and representative species, and a key to the genera are given.

A new species from the Philippines is described.

VELDKAMP, J.F. & R.J. ROUWENHORST

1987: A revision of *Evodiella* (Rutaceae).

*Blumea* 32(1): 195 – 207.

Two species are recognized from New Guinea and Queensland. The genus is related to *Acronychia* and *Euodia*.

VERDCOURT, Bernard

1986: New taxa of East African Annonaceae.

*Kew Bull.* 41(2): 287 – 297, with four figures.

Three taxa are described as new to science from Tanzania; a new combination in *Sphaerocoryne* Scheff. ex Ridley is given.

According to Nguyen Tien BAN, “Critical notes on the genera *Melodorum* Lour., *Mitrella* Miq. and *Rauwenhoffia* Scheff. in *Bot. Zhurn.* 59(2): 237 – 245,” *Melodorum fruticosum* Lour. is the type of *Melodorum* Lour. The author keeps *Sphaerocoryne* Scheff. ex Ridley separate and applies to the African plants. BAN

includes *Rauwenhoffia* Scheff. under *Melodorum* Lour., hence *M. siamense* (Scheff.) Ban is the new combination.

1986: Notes on *Trapa* for the 'Flora of Southern Africa'.  
Kew Bull. 41(2): 447 – 449.

*Trapa natans* L. is typified by a specimen from Italy, and *T. natans* var. *pumila* Nakano ex Verdc. is validated.

1987: John Patrick Micklethwait BRENNAN (1917 – 1985).  
Kew Bull. 42(2): 287 – 296, with a photograph.

An obituary of "an outstandingly competent traditional systematic botanist" is given with his works.

WALKER, Trevor G.

1986: The Ant-Fern, *Lecanopteris mirabilis*.  
Kew Bull. 41(3): 533 – 545, with three figures.

An account is given of the ant-fern *Lecanopteris mirabilis* (C. Chr.) Copel.

WANG, Fa-tuan, Tsin TANG, and Song-yin LIANG

1896: Addenda ad novitates caricum sinicarum.  
Acta Phytotax. Sin. 24(3): 240 – 245, with four figures. Chinese text with Latin description.

Four species of the genus *Carex* are described and illustrated, based on the collections from Guangxi, Hunan, Guizhou, and Henan.

WANG, Yu and Ben-neng CHANG

1987: A new species of the genus *Begonia* from Guangxi.  
Acta Phytotax. Sin. 25(4): 322 – 323, with one figure. Chinese text with Latin description.

*Begonia umbraculifolia* Wang et Chang is described and illustrated.

WILDE, W.J.J.O. de

1985: A new account of the genus *Horsfieldia* (Myristicaceae), Pt. 2.  
Gdns' Bull. Sing. 38(1): 55 – 144, with 16 figures.

Enumeration and description of the species 6 – 45.

1985: A new account of the genus *Horsfieldia* (Myristicaceae). Pt. 3.  
Gdns' Bull. Sing. 38(2): 185 – 225, with five figures.

Enumeration and description of the species 46 – 70.

1986: A new account of the genus *Horsfieldia* (Myristicaceae), Pt. 4.  
Gdns' Bull. Sing. 39(1): 1 – 65, with four figures.

Being the concluding study of the genus *Horsfieldia* continuous to the former issue of Gdns' Bull. Sing 38(2): 225, this paper starts from species 71 to 100.

Fourteen species are described as new to science. *H. brachiata* (King) Warb. is also recorded from Peninsular Thailand.

1987: Further supplementary data on Malesian *Knema* (Myristicaceae).  
Blumea 32(1): 115 – 141, with three figures.

New material of *Knema*, mainly from Borneo, necessitated the description of five new species, one new subspecies, and two varieties. Altogether 14 species are commented upon.

1987: Additions to *Horsfieldia* (Myristicaceae) including four new species.  
Blumea 32(2): 459 – 472, with one figure.

The four new species are from Papua- New Guinea.

WILKINSON, H.P.

1986: Leaf anatomy of *Timomiscium* and *Fibraurea* (Menispermaceae tribe Fibraureae) with special reference to laticifers and astrosclereids.  
Kew Bull. 41(1): 153 – 169, with seven figures.

The leaf anatomy of one species of *Timomiscium* Miers and two species of *Fibraurae* Lour. is described. Abundant laticifers are apparent on the surface of the leaves of herbarium specimens of *Timomiscium* as fine ridges, they are also present but less abundant in the leaves of *Fibraurea*. The hypodermal stellate fibres of *Fibraurea* form a close network of unsurpassed intricacy.

WONG, K.M.

1986: The growth habit of Malayan bamboos.  
Kew Bull. 41(3): 703 – 720, with nine figures.

Variation in growth habits of Malayan bamboos are examined with reference to the influence of rhizome construction, culm characteristics and the mode of development of the branch complement.

WOOD, J.J. & J.B. COMBER

1986: New orchids from Java and Bali.  
Kew Bull. 41(3): 677 – 702, with three figures.

*Ceratostylis anjasmorensis* and *Cleisostoma comberi* from Java, and *Calanthe baliensis* from Bali are described.

WU, S.K. and S. MITSUTA

1985: Two new species of Cyrtomioid ferns from limestone area of Yunnan.  
Acta Phytotax. Geobot. 36(1 – 3): 22 – 26, with three figures.

*Cyrtomium latifalcatum* Wu et Mitsuta, and *C. xichouense* Wu et Mitsuta, is described and illustrated.

WU, Young-fen

1986: A preliminary study on *Symplocos* of China.

Acta Phytotax. Sin. 24(3): 193 – 202; *ibid.* (4): 275 – 291. with 10 figures. Chinese text, Latin descriptions and English abstract.

Seventy-seven species including nine new species and three new varieties are recognized in China. The author disagrees with H.P. Nootboom's concept and prefers that of H. Handel-Mazzettii and E. Peter-Stibal, in treating the species in a relatively narrow sense.

YAMAZAKI, T.

1983: New or noteworthy plants of the Scrophulariaceae from Indo-China (7).  
J. Jap. Bot. 58(1): 14.

*Torenia ranongensis* Yamazaki is described as a new species from Peninsular Thailand.

YAO, Kan and Mao-bin DENG

1987: A new species of *Ilex* Linn. (Aquifoliaceae) from Anhui.  
Acta Phytotax. Sin. 25(4): 324 – 325, 1987. Chinese text with Latin description.

*Ilex dabieshanensis* Yao et Deng is described and illustrated.

YI, Tong-pei

1987: A new species of *Yushania* from Yunnan.  
Acta Phytotax. Sin. 25(6): 480 – 481, with one figure. Chinese text with Latin description.

*Yushania flexa* Yi (Bambusoideae) is described and illustrated.

ZHAO, Zhen-ju

1987: Studies on the genus *Rhododendron* (VII). New taxa of subgen. *Rhododendron* from Sichuan.  
Bull. Bot. Res. 7(3): 57 – 66, with four plates. Text in Chinese with Latin descriptions.

Four new species are described as new to science.

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