

## BOTANICAL LITERATURE

BIDIN, Aziz

1988 : A further chromosome count of *Osmunda* (Osmandales) from Peninsular Malaysia. Gards. Bull. Singapore 41 (2): 93 – 94, with one figure.

The cytology of *O. javania* Bl. is studied and its chromosome number is  $2n = 44$ .

BIDIN, Aziz, Razali JAMAN and Kamaruddri Mat SALLEH

1988 : A new species of *Adiantum* from Trus Madi Range, Sabah. Gards. Bull. Singapore 4 (2): 45 – 48, with one figure.

*Adiantum laurianum* A. Bidin & R.Jaman is described and illustrated.

BOGNER, Joseph

1989 : A new *Amorphophallus* (Araceae) from Sarawak. Willdenowia 18: 441 – 443, with 4 figures.

*Amorphophallus eburneus*, collected in Sarawak and belonging to A. Sect. *Conophallus* is described as a species new to science and illustrated.

BUIJSEN, J.R.M.

1988 : Revision of the genus *Fordia* (Papillionaceae: Millettieae). Blumea 33 (1): 239 – 261, with four figures.

Eight species and 2 subspecies are accepted. A key to species, descriptions, and synonyms are given.

Only *Fordia paucifloura* Dunn occurs in Thailand; *F. fruttcosa* Craib is probably a *Millettia*.

CHAO, C.S. and S.A. RENVOIZE

1983 : Two new bamboos from eastern Himalaya and southern Burma. Kew Bull. 43 (3): 409 – 413, with two figures.

*Sinarundinaria burmaensis* Chao et Renvoize and *S. longispiculata* Chao et Renvoize are described and illustrated as new.

CHAO, C.S. and A.A. RENVOIZE

1989 : A revision of the species described under *Arundinaria* in Southeast Asia and Africa. Kew Bull 44 (2) : 349 – 367.

Forty-two species originally described under *Arundinaria* by Munro, Gamble and A. Camus and others in Asia and Africa have been revised by the authors. Only two species of *Arundinaria* remain ; the rest have been transferred into seven other genera. A key to the related genera is given.

*Arundinaria ciliata* A. Camus and *A. pusilla* A. Chev. et A. Camus are considered to be conspecific and placed under a new combination, *Racemobambos ciliata* (A. Camus) Chao et Renv., which also occurs in Thailand.

CHEN, Xiu-xiang

1988 : A new species of *Blachia* (Euphorbiaceae) from China.  
Acta Phytotax. Sin. 26 (1) : 76 – 77, with one figure.

*Blachia longzhouensis* Chen is described as a new taxon from Quangxi, Longzhou, Xiangshi in China. The new species is closely related to *B. jatrophifolia* Pax et Hoffm.

CHENG, J.F.

1988 : A new species of *Plagiogyria* from Jiangxi.  
Acta Phytotax. Sin. 26: 321, with one figure. Text in Chinese with Latin description.

*Plagiogyria dentismarginata* Cheng is described and illustrated.

CHIA, Liang-chi and Paul-Ray BUT

1988 : A new *Dendrocalamus* (Gramineae – Bamboosoideae) from Hong Kong.  
Kew Bull. 43 (1): 115 – 117, with one figure.

*Dendrocalamus puberulentus*, a new bamboo from Hong Kong is described.

CHOWDHURY, S.

1988 : A new species of *Dendrobium* (Orchidaceae) from Assam, India.  
Kew Bull. 43 (4): 667 – 69, with one figure.

*Dendrobium assamicum*, a new species of Orchidaceae from the Howgong district of Assam is described and illustrated.

COMBER, J.B.

1981 : Wayside Orchids of Southeast Asia. Pp. 28, 16 coloured plates, (31 Photo graphs), 14 text figures. Singapore: Heineman Educational Books (Asia) Ltd., 41 Jalan Penimpin, Singapore, 2057. Price, Singapore \$ 5.95.

DAVIS, J.B., D.E. KAY AND V. CLARK

1983 : Plants tolerant of arid, or semi-arid conditions with non-food constituents of potential use. Pp. iv + 172. London: Report of the Tropical Products Institute, G 150 (T.P.I. 56/62 Gray's Inn Rd. London WCEX 8 LU. Price 7.50 incl. p. & p. Single copies free to government and educational establishments, research institutions and non-profit making organizations working in centres eligible for British Aid.

DEB, D.B. and Mohan GANGOPHADHAY

1989 : Review of the genus *Litosanthes* Bl. (Rubiaceae).  
Candollea 44 (1): 209 – 223, with two figures.

A review of the genus *Litosanthes* Bl. is presented. Sixteen species are transferred from *Lasianthus* sect. *Pedunculinatae* Hook. f. to *Litosanthes* Bl. The genus is represented in India, Sri Lanka and Malay Peninsula. The six India species are described with a key to species provided.

DEB, D.B. and R.C. ROUT

1989 : Two new species of the genus *Spiradiclis* (Rubiaceae) from India.  
Candollea 44 (1): 225 – 229, with two figures.

*Spiradiclis arunachalensis* Deb et Rout and *S. seshagirii* Deb et Rout are described and illustrated as new species. *S. cylindrica* Hook. f. is reinstated a distinctive species. *S. caespitosa* Bl. forma *subimmersa* H.S. Lo is treated as a synonym of *S. arunachalensis*.

FAROOQI, M.I.H, V.P. KAPOOR and Gohar ISLAM (Mrs.)

1978 : Seeds of genus *Cassia* as possible sources of industrial gums.  
In. For. 104 (11): 729 – 733.

Seed samples from 20 *Cassia* species have been chemically studied. Several of them including the seeds of *Cassia alata* have been found to possess better or equal properties with those presently used as gum sources like gaur and Carob seeds, and some of the *Cassia* seeds can be utilised as sources of industrial gums.

FERNANDO, Edwin S.

1988 : Four new taxa of Philippine rattans (Palmae: Calamoideae).  
Gards' Bull. Singapore 41 (2): 49 – 58, with 4 figures.

*Calamus aidae*, *C. balerensis*, *C. ornatus* var. *pulverulentus*, and *Daemonorops polita* are described and illustrated.

FISHER, Jack B., CHONG Jin Goh and A.N. RAO

1989 : Non-axillary branching in the palms *Eugeissona* and *Oncosperma*, (Arecaceae).  
Biol. J. Linn. Soc. Linn. Soc. 99: 347 – 363, with 37 figures.

The South - East Asian palms, *Eugeissona* (Calamoideae) and *Oncosperma* (Arecaceae) are multiple-stemmed. The morphology and development of branching in two species of each genus were examined in Singapore, Borneo and the Malay Peninsula.

FORMAN, L.L.

1988 : A synopsis of Thai Menispermaceae.  
Kew Bull. 43 (3): 369 – 407, with six figures.

Twenty genera with 49 species are recorded from Thailand. *Stephania creba* Forman, *St. tomentella* Forman and *Tinospora siamensis* Forman are described as new. Keys are provided together with notes on distribution, ecology, uses, vernacular names, etc.

FUKUOKA, Nobuyuki

1988 : Notes on the Rubiaceae from Thailand 2.  
Acta Phytotax. Geobot. 39 (1 – 3), with two figures.

A study on the genus *Paederia* Linn. of Thailand, ten species are enumerated and keyed; no novelty. *Paederia consimilis* Pierre ex Pitard is reduced to synonymy of *P. linearis* Hook. f.; *P. kerrii* Craib to *P. wallichii* Hook. f.; *P. tomentosa* Bl. to *P. scandens* (Lour.) Merr.

*P. hirsuta* Craib is treated as a variety of *P. thorelii* Pitard; and *P. lanuginosa* Wall. is newly recorded in northern and southwestern Thailand.

FUKUOKA, Nobuyuki

1989 : Notes on the Rubiaceae from Thailand 3.

Acta Phytotax. Geobot. 40: 107 – 118, with five figures.

The genus *Mycetia* of Thailand is revised; 12 species are enumerated including four new species, *M. membranacea*, *M. ovatistipulata*, *M. paniculiformis*, and *M. siamensis*. *M. lanceolata* Ridl. is reduced to a synonym of *M. fasciculata* (Bl.) Bl. ex Korth. A key to the species is provided.

GRAHAM, Victoria A.W.

1988 : Delimitation and infra-generic classification of *Justicia* (Acanthaceae)

Kew Bull. 43 (4): 551 – 624, with 11 figures.

The genus *Justicia* L. is surveyed using general morphological techniques, and a broad definition of the genus is adopted. The 295 species used in the study are listed under 16 sections and 7 subsections, and 69 new specific names are published under *Justicia*.

GREY-WILSON, C.

1989 : *Semeiocardium* Zoll.; is it a good genus?. Studies in Balsaminaceae. IX.

Kew Bull. 44 (1) 107 – 113, with one figure.

The genus *Semeiocardium* Zoll. is discussed. As a result of floral and vegetative evidence it is decided to transfer the genus to *Impatiens* L.

GREY-WILSON, C.

1989 : The *Impatiens jurpia* complex. Studies in Balsaminaceae X.

Kew Bull. 44 (1): 115 – 122. with 2 figures.

*Impatiens jurpia* Buch.-Ham. and its closest allies are discussed. A new species is described from Nepal, *I. kathmunduensis* Grey-Wilson.

GREY WILSON, C.

1989 : *Impatiens cymbifera* and its allies. Studies in Balsaminaceae. XI.

Kew Bull. 44 (4): 711 – 716, with one figure.

*Impatiens cymbifera* Hook. f. from the Himalaya is reviewed and discussed. Two new and allied species are described, *I. gorepaniensis* Grey-Wilson and *I. sinlumensis* Grey-Wilson.

GUPTA, B.N. and O.P. SOOD

1978 : Storage of *Dendrocalemus strictus* Nees' seed for maintenance of viability and vigour.

Ind. For. 104 (10): 688 – 695.

*Dendrocalamus strictus* can be propagated both vegetatively as well as from seed. This species flowers gregariously at intervals of 20 to 30 years. The clumps die with gregarious flowering. The crop raised from vegetative propagules dies along with the death of the mother clumps. Artificial regeneration through seed is, therefore preferable. Seeds stored in gunny bags retain their viability for a period of one year, after which they start deteriorating both in viability and vigour.

The seed can be stored with advantage over silica gell or anhydrous calcium chloride in a desiccator or at 3° to 5° C ambient temperature after reducing the seed moisture content to 8%.

HALE J.R. and E. MASON

1987 : A monograph of the Lichen genus *Parmelia* Acharius sensu stricto (Ascomycotina: Parmeliaceae).

Smithson. Contr. Bot. 66: 1 – 54, with 25 figures.

The 38 species of *Parmelia* Acharius sensu stricto are revised at the world level. The genus is characterised by punctate or effigurate pseudocyphellae, a black lower surface with simple, furcate or squarrose rhizines, simple hyaline spores, and cylindricate to weakly bifusiform conidia. Seven new species are described.

HAM, R.W.J.M. van der and B.J. van HEUVEN

1989 : Evolutionary trends in the morphology and harmomegathy of the pollen of the genus *Guioa* (Sapindaceae – Cupanieae).

Blumea 34: 21 – 60, with 9 plates.

A pollen morphological survey of the genus *Guioa* is presented. The most primitive species of *Guioa* occur in the southeastern part of the distribution. The genus can be divided into four groups.

HANSEN, Carlo

1988 : *Kerriothyrsus*, a new genus of Melastomataceae

Willdenowia 17: 153 – 157, with 2 figures.

The new monotypic genus *Kerriothyrsus* is established for *Scorpiothyrsus tetrandrus* from Laos. A description is given of *Kerriothyrsus tetrandrus* a few characters are commented on, and flowers and fruits are illustrated.

This monotypic species is found in Muang Hunag, Wiengchan, 200 m, (KERR 20819 holotype BM, K, L, P); Tatom, Chieng Kwang, 200 m, (KERR 20824, K), Muang Baw, Wiengchan, 300 m KERR 21274, KERR 21799, BM, K)

HANSEN, Hans V.

1988 : A taxonomic revision of the genera *Gerbera* sect. *Isanthus*, *Leibuitzia* (in Asia), and *Uechtrizia* (Compositae, Mustisieae). Nord. f. Bot. 8: 61 – 78, with 10 figures (maps).

The Asiatic part of Compositae tribe Mustisieae scapose group is revised.

The genus *Gerbera* sect. *Isanthus* is respresented in Thailand by one species: *G. maxima* (D. Don) Beauv. in N. Thailand ; others occur in the Himalaya Region and W. China. *Liebnitzia* is distributed in USSR with one widespread species. *Uechtrizia* is USSR and the Himalaya Region.

HAY, A.

1988 : *Cyrtosperma* (Araceae) and its old world allies.  
Blumea 33: 427 – 69, with 17 figures.

The species of four genera of Old World Arceae – Lasiinae are enumerated: *Cyrtosperma* (11, Malesia and Oceania), *Lasia* (2, Indomalesia), *Podolasia* (1, West Malesia), and *Lasiomorpha* (1, tropical West Africa).

*Cyrtosperma merkusii* (Hasik.) Schott is likely to occur along the Thai – Malayan border, as it has quite a wide distribution in West Malaysia.

*Lasia spinosa* (Linn.) Thwaites has a widespread distribution, also occurs all over Thailand.

*Podolasia stipitata* N.E. Brown is also likely to occur along the Thai – Malayan border owing to its wide distribution. So far it is endemic to West Malaysia.

HOLTUM, R.E.

1988 : Studies in the fern genera allied to *Tectaria* Cav. VII. Species of *Tectaria* sect. *Sagenia* (Presl) Holttum in Asia excuding Malesia.  
Kew Bull. 43 (3): 475 – 489.

Twenty-three species are enumerated of which two are described as new. Two new combinations are made. A key to all species is provided. Species recorded from Thailand are: *T. manilensis* (Presl) Holttum, *T. fuscipes* (Bedd.) C. Chr., *T. chattagramica* (Clarke) Ching, *T. impressa* (Fée) Holttum, *T. barberi* (Hook.) Copel., *T. griffithii* (Bak.) C. Chr., *T. devexa* (Kunze ex Matt.) Copel., *T. tenerifrons* (Hook.) Ching., and *T. christii* Copel.

HONG, Suk-pyo

1989 : *Knorringia* (= *Aconopogon* sect. *Knorringia*), a new genus in the Polygonaceae.  
Nord. f. Bot. 9 (4): 343357, with 8 figures.

The section of *Knorringia* of *Aconopogon* is promoted to an independent genus, and is also proposed to be removed from the tribe Persicarieae to the tribe Cocolobaeae. A key to *K. sibirica* (Laxman) S.-P. Hong and its subspecies is provided.

HOVENKAMP, P.H. and G.J. de JONCHEERE

1988 : Additions to the fern flora of Sulawesi.  
Blumea 33: 395 – 409.

A number of additions to the fern flora of Celebes are given, including descriptions of 15 new taxa in the Polypodiaceae, Cyathaceae, Dennstaedtiaceae, Thelypteridaceae, Aspleniaceae, and Davalliaceae.

HU, Shiu Ying

1988 : Nomenclatural change for an economically important plant from China.  
J. Arn. Arb. 69: 77 – 80, with one figure.

*Microcos paniculata* Linn., a common medicinal plant of southern China is transferred to *Microcos nervosa* (Lour) S.Y. Hu.

HU, Wen-kuang

1988 : Materiae ad floram rhododendri sinici.  
Acta Phytotax. Sin. 26 (4): 301 – 305, with five figures.

Five taxa of *Rhododendron* are dealt with; two species and three varieties are described and illustrated.

HUFFORD, Larry D. and Peter K. ENDRESS

1989 : The diversity of anther structures and dehiscence patterns among Hamamelididae.  
Bot. J. Linn. Soc. 99: 304 – 346, with 407 figures.

This survey of anther structures and dehiscence patterns focuses on the range of diversity among extant Hamamelididae. The definition and structure of the anther stomium are considered in detail to provide a basis for characterizing dehiscence patterns.

HYDE, K.D.

1988 : Studies on the tropical marine fungi of Brunei.  
Bot. J. Linn. Soc. 98: 135 – 151, with 29 figures.

Ninety-five species of marine fungi, some new to science, were recorded on driftwood, mangrove roots and branches, and seaweeds from beaches, rocky shorelines, and an artificial lake and mangrove stands. New and rare species are illustrated at the light microscope SEM levels.

JOEL, Daniel M.

1988 : Mimicry and mutualism in carnivorous pitcher plants (Sarraceniaceae, Nepenthaceae, Cephalotaceae, Bromeliaceae).  
Biol. J. Linn. Soc. 35: 185 – 197.

The carnivorous pitcher plants seem to have developed attraction and rensording systems which resemble those of many flowers. It is suggested that these plants perform mutual rather than deceptive relations with the insect communities in their habitats.

Insects benefit from nectar provided by pitchers serving for their nutrition; at the same time the insects pay the plants in a small portion by sacrificing prey to be consumed by the plants, which grow in nutrient-deficient soil.

JOHANSSON, J.T.

1988 : Revision of the genus *Caelospermum* Blume (Rubiaceae, Rubioideae, Morindeae).

Blumea 33: 265 – 297, with 15 figures.

The genus *Caelospermum* Blume is revised, and a key to the 7 species recognized is presented. All species are illustrated with line drawings and distribution maps are provided.

*Caelospermum truncatum* (Wall.) Baill. ex K. Schum is recorded from Thailand, formerly known as *C. luteum* Geddes (type KERR 4150, from Chon Buri) and *C. acuminatum* Geddes (type KERR 8736, from Loei, Phu Kradung).

JOHANSSON, J.T.

1989 : Revision of the genus *Rennellia* Korth. (Rubiaceae — Rubioideae).

Blumea 34: 2 – 19, with six figures.

Four species of the genus *Rennellia* Korth. are recognized. The genus is confined to tropical rain forests in SE Asia, Sumatra, and Borneo. A key to the species is presented.

*Rennellia speciosa* (Wall ex Kurz) Hook. f. is recorded from Peninsular Thailand; *R. elliptica* Korth. is expected to occur in either SW Thailand or Peninsular Thailand as it is reported from southernmost Burma (Tenasserim) and Peninsular Malaysia.

JOHANSSON, J.T. and K.M. WONG

1988 : The identity of *Prismatomeris subsessilis* King & Gamble (Rubiaceae, Rubioideae).

Blumea 33: 351 – 356, with two figures.

The genus *Gentingia* is described to accommodate the species *G. subsessilis* (King et Gamble) Johansson et Wong. The species is known only from the submontane rain forest in NW. Peninsular Malaysia. It is a small tree or shrub with white, sessile, terminal flowers and glossy blackish, 1 – 2 - seeded drupes.

KAO, Tsu-ching and Ching-yung CHENG

1988 : New Taxa of the Chinese Celastraceae (1).

Acta Phytotax. Sin. 26 (4): 310 – 314, with four figures.

Five species and one variety of *Microtropis* are described and illustrated as new to science.

KATO, M.

1988 : Taxonomic studies of Pteridophytes of Ambon and Ceram (Moluccas) collected by Indonesian – Japanese botanical expeditions I. Fern-allies.

Acta Phytotax. Geobot. 39 (4 – 6): 133 – 140.



Thirty species of fern-allies belonging to five genera and four families. Keys to species of the *Psilotum*, *Lycopodium* and *Selaginella* are provided.

KATO, M.

1989 : Taxonomic studies of Pteridophytes of Ambon and Seram (Moluccas) collected by Indonesian-Japanese botanical expeditions III. Eusporangiata and some lower Leptosporangiata families.

Acta Phytota. Geobot. 40: 77 – 92, with two figures.

Five species of Ophioglossaceae, six species of Marattiaceae, one species of Osmundaceae, one species of Matoniaceae, 10 species and seven varieties of Gleicheniaceae, eight species of Schizaeaceae, and two species of Plagiogyriaceae are recorded from Ambon Island and Saram Island. *Dicranopteris seramensis* and *Gleichenia peltophora* var. *seramensis* are described and illustrated.

KESSLER, P.J.A.

1988 : Studies on the tribe Saccopetaleae (Annonaceae) – I. Revision of the Genus *Platymitra* Boerlage.

Blumea 33: 471 – 476, with one figure.

Two species are recognised in this article: *P. arborea* (Blanco) Kebley a new combination from the Philippines and *P. macrocarpa* Boerl. from SE Asia to Malesia.

*Platymitra siamensis* Craib is reduced as a synonym of *P. macrocarpa* Boerl.

KESSLER, P.J.A.

1988 : Revision der Gattung *Orophea* Blume (Annonaceae).

Blumea 33 (1): 1 – 80, with 21 maps and 12 figures.

The genus *Orophea* Blume (Annonaceae: Saccopetaleae) has been revised. Characters of the genus have been studied and a new classification below genus level has been proposed, i.e. Subgenera *Orphea* and *Sphaerocarpon* Kessler. For the tribe and the genus a dichotomous and a synoptic key are provided. The 85 known names have to be reduced to 37 species, including 11 species described as new.

The following species occur in Thailand: *O. cuneiformis* King, *O. brandisii* Hook. f. et Thoms., *O. enterocarpa* Maing. ex Hook. f. et Thoms., *O. polycarpa* A.DC., and *O. kerrii* Kessler.

KIEW, R. and A. WEBER

1988 : Two new species (*Dissandra porphyrantha* and *Didymocarpus nitidus*) and a new combination (*Didymocarpus brevifolius*), Gesneriaceae, from Selangor, Malaysia.

Gardns. Bull. Singapore 41 (1): 1 – 9, with five figures.

Two new species of Gesneriaceae, *Dissandra porphyrantha* (Section *Speciosae*) and *Didymocarpus nitidus* are described and illustrated. A new combination, *Didymocarpus brevifolius*, is made for a species previously included in *Didissandra*.

## KITAGAWA, Naofumi

1988 : Distribution in some Himalayan species of Hepaticae.

Acta Phytotax. Geobot. 39 (1 – 3): 1 – 12, with two figures. Text in Japanese.

## KONTA, Fumihiro, and Junko KITAGAWA

1989. Taxonomic notes of Asclepiadaceae in Thailand I. The floral morphology of *Dischidia rafflesiana* Wall., *Marsdenia glabra* Cost. and *Secamone ferruginea* Pierre ex Cost.

Acta Phytotax. Geobot. 40: 125 – 132, with three figures.

The floral morphology and some taxonomic features of *Dischidia rafflesiana* Wall., *Massdenia glabra* Cost. and *Secamone ferruginea* Pierre ex Cost. are described as the first report of a serial study on the taxonomy of Asclepiadaceae in Thailand.

## KOSTERMANS, A.J.G.H.

1988 : *Dryobalanops sumatrensis*, comb. nov., the correct name for *Dryobalanops aromatica*.

Blumea 33: 343 – 346, with two figures.

*Dryobalanops sumatrensis* (J.F. Gmelin) Kostermans is a new combination basing on *Laurus sumatrensis* J.F. Gmelin, which was published in Syst. Veg.: 650 – 1791 & 1796 and antedated *Dryobalanops aromatica* Gaertn. f. (1805). A full reference is given.

## KOSTERMANS, A.J.G.H.

1988 : Notes on Asiatic Anacardiaceae.

Blumea 33: 347 – 350.

Two new combinations are made in the genus *Swintonia*; one new species is described for the genus *Gluta*; and two new species in the genus *Semecarpus* are recognised.

The author also makes critical notes on taxa within these genera formerly recognised by other authors.

## KOSTERMANS, A.J.G.H.

1989 : Notes on *Firmiana* Marsili (Sterculiaceae).

Blumea 34: 117 – 118.

*Firmiana bracteata* DC. is again raised to specific rank; *Firmiana subglabra* (Abraham & Dutt) Kosterm., comb. and stat. nov.

## KOYAMA, H.

1988 : Taxonomic studies in the Compositae of Thailand. 8.

Acta Phytotax. Geobot. 39 (4 – 6): 151 – 164, with 4 figures.

Being the study on the tribe *Senecioneae* comprising the genera *Gynura*, *Senecio*, *Sinosenecio*, and *Synotis*.

Nine species of *Gynura* are recorded including one new species: *G. hmopaensis* H. Koyawa; *G. bicolor* (Roxb. ex Willd.) AC. is a new record.

Seven species of *Senecio* are recorded including two new species: *S. boluangensis* H. Koyama and *S. namnaoensis* H. Koyama; *S. obtusatus* Wall. ex DC. and *S. wightii* (DC. ex Wight) Benth. ex C.B. Clarke are the new records.

Four species of *Synotis* are recorded including one new species: *S. phupeakensis* H. Koyama; one new combination is made: *S. cappa* (Buch. Ham. ex D. Don) Jeffr. et Y.L. Chen var. *parishii* (Hook. f.) H. Koyama based on *Senecio nagensium* Clarke var. *lobbii* (Hook. f.) Craib, p.p.

KRAMER, K.U.

1989 : The Lindsaeoid ferns of the Old World X. Further notes on taxa described from China.

Acta Phytotax. Geobot. 40: 75 – 76.

Several Chinese Lindsaeoid species described by R.C. Ching are reduced to synonymy of other species of *Lindsaea*.

LARSEN, K. et S.S. LARSEN

1989 : *Bauhinia chrysophylla*, a new species from Thailand (Leguminosae – Caesalpinioideae).

Nord. J. Bot. (Trop. Tax.) 9 (3): 253 – 256, with two figures.

*Bauhinia chrysophylla* Lars. et Lars. is described as a new species based on the collection from Peninsular Thailand, closely related to *B. ornata* Kurz.

LATIFF, A.

1988 : Studies in Malesian Vitaceae VIII. A new species of *Ampelocissus* from the Philippines.

Blumea 33: 505 – 508, with one figure.

*Ampelocissus madulidii* Latiff is described, based on the collection from Eastern Samar Island, the Philippines.

LEE, S.K. and A.N. RAO

1988: Plantlet production of *Swietenia macrophylla* King through tissue culture. Gardns. Bull. Singapore 41 (1): 11 – 18, with 16 figures.

Different vegetative parts of *Swietenia macrophylla* King were used as explants in-vitro studies. Adventitious shoots could be obtained from the friable callus when the seedling nodal segments were cultured on BA (2, 5 ppm) media.

LEENHOUTS, P.W.

1988 : Notes on some genera of the Sapindaceae – Cupanieae.

Blumea 33 (1): 197 – 213.

Dealing with genera *Diploglottis*, *Euphorianthes*, *Sarcotoechia*, *Toechia*, and *Trignachras*.

LEENHOUTS, P.W.

1988 : A revision of *Alectryon* (Sapindaceae in Malesia).  
Blumea 33: 313 – 327, with 4 figures.

The genus *Alectryon* occurs with some 30 species in E. Malesia, Australia, New Zealand, New Caledonia, the New Hebrides, the Solomon Islands, Fiji, Samoa, and the Sandwich Islands. The genus is divided into three or four subgenera. This article is dealing with ten Malesian taxa; no novelty. A key to the species is provided.

LEINS, P., C. ERBAR and W.A. van HEEL

1988 : Notes on the floral development of *Thottea* (Aristolochiaceae).  
Blumea 33: 357 – 370, with 36 figures.

The genus *Thottea* has a constant character of four placentae. The species can be distinguished by differences in the androecium. The gynoeical structure is most remarkable, as the styler organs do not correspond with the placentae in number or in position. The authors assume that these organs do not belong to the gynoeicum morphologically. They may represent independent, phylogenetically secondary organs serving the function to capture the pollen.

LI, Fa-zeng

1988 : A new species of *Eriocaulon* from Shandong.  
Acta Phytotax. Sin. 26 (4): 318 – 319, with one figure. Text in Chinese with Latin description.

*Eriocaulon taishonense* Hu is described and illustrated.

LI, Hsi-wen

1988 : Taxonomic review of *Isodon* (Labiatae).  
J. Arn. Arb. 69 (4): 289 – 400, with 9 figures.

The genus *Isodon* is reviewed taxonomically on a world wide basis. Tropical and subtropical Asia have many species, while Africa has only a few. Ninety-six and ten varieties in three sections and ten series are described. Several keys and figures are included to aid identification. The following species occur in Thailand: *Isodon eriocalyx* (Dunn) Kudo; *I. hispidus* (Benth.) Murata; *I. lophanthoides* (Buch.– Ham. ex D. Don) H. Hara; *I. ternifolius* D. Don; and *I. coetsa* (Buch.– Ham. ex D. Don) Kudo.

The Taxon *I. racemosus* (Hemsley) H.W. Li, a new combination, was already made by G. Murata in his contributions to the Flora of Southeast Asia 4. A list of Labiatae known from Thailand in the Southeast Asia Studies 8 (4): 504. 1971.

LI, Yao-ying

1988 : Materials for the Charophyta of China.

Acta Phytotax. Sin. 26 (4): 322 – 328, with four figures. Text in Chinese with Latin in descriptions.

Dealing with six taxa of Charophyta, one species and one variety of *Nitella*, and one species of *Chara* are described and illustrated.

LIANG, Yuan-hui

1988 : Pollen morphology of the family Zingiberaceae in China – Pollen types and their significance in the taxonomy.

Acta Phytotax. Sin. 26 (4): 265 – 281, with two tables, one figure, and five plates. Text in Chinese with English abstract.

Pollen morphology of 89 species and 3 varieties belonging to 18 genera of Zingiberaceae in China was studied. The taxonomic significance of the pollen types is also discussed.

LUND, Ingelise Drozd

1988 : The genus *Cremastra* (Orchidaceae), a taxonomic revision.

Nord. J. Bot. 8 (2): 197 – 200, with five figures.

The genus *Cremastra* is revised. A total of 8 taxa have earlier been proposed, but in the present revision only 2 species are recognised: *C. appendiculata* and *C. unguiculata*.

*C. appendiculata* (D. Don) Makino var. *variabilis* (Bl.) Lund is also recorded for Thailand from Doi Inthanon (GARRETT 574 BKF, K).

MELJER, W. and J.F. VELDKAMP

1988 : A revision of *Rhizanthus* (Rafflesiaceae).

Blumea 33: 329 – 342, with three figures.

The Malesian genus *Rhizanthus* Dumort. has 2 species: *R. lowii* (Becc.) Harms and *R. zippellii* (Bl.) Spach, the latter a new record for the Malay Peninsula. A key to the species is provided.

MURATA, Gen

1989 : Taxonomic notes 29.

Acta Phytotax. Geobot. 40: 99 – 102, with two figures.

*Rabdosia excisa* var. *chiisanensis* is a new combination and *Gomphostemma javanicum* var. *brevidens* is described as new. Both taxa belong to the family Labiatae. The first taxon occurs in Korea, the latter from Doi Inthanon, Chiang Mai, being endemic to the area.

NAGAMATSU, H.

1987 : Note on a *Camellia* species Sect. *Thea*, of Doi Chang, North Thailand.

Acta Phytotax. Geobot. 38: 210. Text in Japanese and English.

Three collections from Doi Chang, N. Thailand represent *Camellia irrawadiensis* P.K. Barua, a new record to Thailand.

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

1978 : The rare fern *Asplenium grevillei* Wall. ex Hook. et Grev. (Aspleniaceae)  
— A new find for Peninsular India.  
Ind. For. 104 (12): 819 – 822, with one figure.

*Asplenium grevillei* is a very rare fern which has not been collected for the last eight decades. It is now recorded for the first time from Kerala. The plant is considered as endangered and needs conservation.

NG, F.S.P.

1988 : Three new taxa in *Elaeocarpus* in the Malay Peninsula. Gardns Bull. Singapore 41 (2): 43 – 44.

Two new species and a new variety of *Elaeocarpus* were described: *E. sallehiana* *E. symingtonii* and *E. nitidus* var. *velutinus*.

PARK, Chong-wook

1988 : Taxonomy of *Polygonum* Section *Echinocaulon* (Polygonaceae).  
Mem. New York Bot. Gard. 47: 1 – 82, with 36 figures and one photograph.

The section including 21 species is characterized by the occurrence of recurved prickles on the angles of the stem, petiole, and abaxial surfaces of major leaf veins. The section shows complex disjunct distribution patterns; there are strong intercontinental relationships in the distribution between eastern Asia and eastern North America, and between South America and Souteastern Africa. A taxonomic teatment is provided, with full description of all species, and an identification key. The treatment includes one new combination. The following species are also recorded from Thailand: *P. muricatum* Meisn., *P. strigosum* R. Br.

POREMBSKI, Stefan and Wilhem BARTHLOT

1988 : Velamen radicum micromorphology and classification of Orchidaceae  
Nord. J. Bot 8 (2): 117 – 137, with 34 figures.

Roots of 344 species of 262 representative genera of Orchidaceae have been examined under systematic aspects by light and scanning electron microscopy. In particular the stratification and micromorphology of the rhizodermis (velamen radicum) exhibits a high diversity which can be applied taxonomically.

RAHMAN, Md. Mathur

1989 : A new species of *Panicum* (Gramineae) from Thailand.  
Kew Bull. 44 (3): 485 – 488, with one figure.

*Panicum longiloreum* M. Rahman is described, having its closely related species with *P. paludosum* Roxb. It frequents aquatic situations and was collected from Ayuthaya,

Sena in ricefields flooded with c. 1 m of water (KEER 19709 — holotype K; isotype BM, L). It also occurs in southern Vietnam, Long Xuyen.

A key to *Panicum* species found in aquatic/semi-aquatic situations in Asia is provided.

RAHMAN, M.A. & C.C. WILCOCK

1989 : Notes on tropical Asian Asclepiadaceae.  
Blumea 34: 99 – 101.

Three new combinations in the genus *Bidaria* are made, and a new variety, *Gymnema acuminatum* (Roxb.) Wall. var *glabrum* Rahm. & Wilc. is described from Bangladesh and Burma.

RIDSDALE, C.E.

1989 : A revision of *Neonauclea* (Rubiaceae).  
Blumea 34: 177 – 275, with 32 figures and 15 plates.

An illustrated revision of the 65 species of the genus *Neonauclea* (Rubiaceae-Naucleae) with a key to all species. The 61 Malesian species are treated in full, 28 new species are described and 5 new combinations are made.

*N. pallida* (Reinw. ex Havil.) Bakh. f. ssp. *malaccensis* (Gand.) Ridsd., *N. calycina* (DC.) Merr. are also recorded from Thailand. The first taxon is formerly known under *N. purpurascens* auct. non Korth.

ROGSTAD, Steven H.

1989 : The biosystematics and evolution of the *Polyalthia hypoleuca* complex (Annonaceae) of Malesia, I. systematic treatment.  
J. Arn. Arb. 70 (2): 153 – 246, with 21 figures and 5 maps.

The three major hypotheses forwarded to explain the coexistence of the closely related species are discussed. A classification of the *Polyalthia hypoleuca* complex is provided. One new species, *P. ovalifolia*, is described from Borneo.

SALLEH, Katarudin Mat and A. LATIFF

1989 : A new species of *Rafflesia* and notes on other species from Trus Madi Range, Sabah (Borneo).  
Blumea 34: 111 – 16, with three figures.

*Rafflesia tengku-adlinii* Mat Salleh & Latiff is described, and *R. keithii* Meijer is reported from another locality in the Trus Madi Range, Sabah.

SATHISH KUMAR, C.

1989 : Two novelties in the genus *Trias* Lindl. (Orchidaceae).  
Blumea 34: 103 – 109, with three figures.

*Trias bonaccordensis* Sathish is described from Trivandrum, India; *Trias crassifolia* (Thw. ex Trimen) Sathish is a new combination based on *Bulbophyllum crassifolium* from Sri Lanka. The former is related to *T. nasuta* (Rchb. f.) Stapf, *T. stocksii* Benth. & Hook. f. and *T. disciflora* (Rolfe) Rolfe, the latter to *T. stockii* (Par. et Rchb. f.) Par. ex Hemsl.

SHIMIZU, T.

1987 : A note on the distribution of the genus *Impatiens* (Balsaminaceae) in Southeast Asia.

Acta Phytotax. Geobot. 38: 53 – 6, with two figures. Text in Japanese with English summary.

The distribution area of the four-carpellate *Impatiens* which are also characterized by the connate wing petals was proved to be confined to Southeast Asiatic region. Their habitat is mostly in the limestone area.

SHIMIZU, T and S. TAKAO

1985 : Taxonomic discussions on the four-carpellate species of *Impatiens* (Balsaminaceae).

Acta Phytotaxi Geotot. 36 (34): 97 – 106, with 53 figures.

Eight species of *Impatiens* from Thailand are reported to be four-locular and four-carpellate in contrast to the ordinary five-locular and five-carpellate. All of these four-carpellated species are characterized by connate wing petals.

SHARMA, R.P. and R.C. JAIN

1978 : Regional volume table of *Dipterocarpus tuberculatus* Roxb. (based on the data of Manipur State).

Ind. For. 104 (2): 94 – 95.

Volume table of *Dipterocarpus tuberculatus* has been prepared by the method of linear regression. The model used is  $V = a + B D^2H$ . Tables based on this method have been given.

SINGH, Man Mohan et al.

1976 : Fibre morphology and pulp sheet properties of Indian bamboos.

Ind. Forest. 102 (9) : 579 – 595, 12 tables.

The study on the fibre morphology and pulp strength is made on 12 species of bamboos grown in the arboretum of the Forest Research Institute, Dehra Dun.

The 12 species are graded on the basis of pulp yield, alkali consumption and sheet properties. *Dendrocalamus hamiltonii* has been found to be the best.

SIRIRAKSA, Puangpen

1989 : The genus *Kaempferia* (Zingiberaceae) in Thailand.

Nord. J. Bot. (Inp. Bax). 9: 257 – 260, with one figure.



Three new species, *Kaempferia larsenii*, *K. siamensis*, and *K. spoliata* are described and illustrated. A key to the Thai species is provided.

SIVADASAN, M.

1989 : *Amorphophallus smithsonianus* (Araceae), a new species from India, and a note on *A.* sect. *Synantherias*.

Willdenowia 18: 435 – 440, with 16 figures.

*Amorphophallus smithsonianum* from India belonging to sect. *Rhaphiophallus* is described as a species new to science. *Amorphophallus* sect. *Synantherias* is merged with *A.* sect. *Rhaphiophallus*.

SIVADASAN, M. and R.T. BALAKRISNAN

1989 : *Oberonia wynadensis*, a new species of Orchidaceae from India.

Nord. J. Bot. 9 (4): 395 – 397, with one figure.

*Oberonia wynadensis* is described from India. It belongs to the subgenus *Oberonia* and is related to *O. acaulis* and *O. verticillata* in having the flowers arranged in whorls.

SODERSTROM, Thomas R. and Roger P. ELLIS

1988 : The woody bamboos (Poaceae: Bambuseae) of Sri Lanka: A morphological-anatomical study.

Smithson. Contrib. Bot. 72: 1 – 75, with 45 figures.

Three subtribes of the Bambuseae are present in Sri Lanka, including six genera and 12 species: *Arundinariinae* (5 spp.); *Bambusinae* (5 spp.); and *Schizostachydinae* (2 spp.).

A new genus *Pseudoxytenanthera* is described; *Arundinaria scandens* and *Dendrocalamus cinctus* are described as new to science.

SRIVASTAVA, S.C. and Abba SRIVASTAVA

1989 : The genus *Heteroscyphus* Schiffn. in the Western Himalayas.

Lindbergia 15: 195 – 203, with three figures.

Three species of *Heteroscyphus* Schiffn., *H. argutus* (Reinw. et al.) Schiffn., *H. inflatus* (St.) S.C. Srivastava et A. Srivastava and *H. pandei* are recognized for the western Himalayas and their morphotaxonomic details given ; a key to species is provided.

*H. argutus* is widespread in tropical Asia as well as south and central India; it is a new record to Thailand, the southernmost delimitation.

STEARNS, W.T.

1983 : New species of *Microtaena* (Labiatae) from Nepal, Bhutan and Thailand.

J. Jap. Bot. 58 (1): 1 – 19, with four plates.

A treatment of seven species, three species are described as new to science; the description of *M. nepalensis* Stearn is amplified, *M. bhutanensis* Stearn, *M. siamica* Stearn, and *M. wordii* Stearn are described and illustrated.

A key to species west of China is provided.

## TABATA, Hideo

1988 : On the Himalayan corridor.

Acta Phytotax. Beobot. 39 (1): 13 – 24, with five figures and two tables.  
Text in Japanese with English summary.

The Himalayan corridor was discussed in connection with Himalayan geology. The vegetation on the north-facing slopes is rich in flora and different from that on the south-facing slopes in Himalayas.

A Himalayan corridor seemed to be established on the southern side of the Himalayan range in the late Miocene. The corridor on the Tibetan side existed up to the end of Pleistocene, and disappeared due to the environmental deterioration caused by the upheaval of the Great Himalayas in the late Pleistocene.

## TAMURA, Minoru N.

1989 : Studies on the genus *Chlorophytum* (Liliaceae) of Phu Kradung in Thailand.

Acta Phytotax. Geobot. 40 (1–4): 1–5, with one figure.

The collections of *Chlorophytum* from Phu Kradung in Thailand were examined; four species were identified including one new species; *C. dolichocarpum* Tamura.

## 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 proposed.

Two new species from Thailand: *U. garrettii* and *U. corynephora*, belong to the section *Phylluria*.

## TOYOKUNI, H.

1985 : Notes on the Gentianaceae and the Menyanthaceae collected in Thailand by the 6th Thai-Japanese botanical expedition.

Acta Phytotax. Geobot. 36 (4–): 123–126, with 3 figures.

Dealing with 10 species, a new form is recognised: *Exacum sutaepense* Hoss. forma *gracile* (Toyokuni) Toyokuni.

## TSENG, Yung-chien

1988 : A new species of *Ainsliaea* DC. (Compositae) from Thailand.

Acta Phytotax. Sin. 26 (1): 74–76, with one figure.

*Ainsliaea spanocephala* Y.C. Tseng is described as a new taxon, based on H. KOYAMA 33699 (Kyo-holotype), collected from Loei, alt. 1435 m; 19 Feb. 1983 (Phu Luang), also HENNIPMAN 3608 from the same locality.

This collection was formerly identified by H. Koyama as *Ainsliaea brandisiana* Kurz.

VELDKAMP, J.F. and H.J. van SCHEINDELEN

1989 : *Australopyrum*, *Brachypodium*, and *Elymus* (Gramineae) in Malesia.  
Blumea 34: 61 – 76, with one figure.

*Brachypodium sylvaticum* (Huds.) Beauv. has one species and two varieties in Malesia. *Brachypodium longisetum* Hitch. is transferred to *Elymus*. The Australian genus *Australopyrum* (Tsvet.) Love (Gramineae-Triticeae) is represented by a new species in New Guinea. A key to the Malesian taxa of the *Brachypodieae* and *Triticeae* is provided.

VELDKAMP, J.F., A.W.M. EIJS and R.B. ZOTEMEYER

1989 : *Panicum curvifolium* (Formerly *P. trypheron*) and *P. sumatrense* (*P. miliare* Auct.) Gramineae) in Southeast Asia.  
Blumea 34: 77 – 85.

*Panicum surmatrense* Roth ex R. & S. (Gramineae) includes *P. miliare* auct. non Lamk. and *P. psilopodium* Trin. The combination *P. trypheron* Schult. is replaced by *P. curvifolium* Hornem.; the species has two varieties.

*P. curvifolium* is represented in Thailand (Northern, Northeastern, and Southwestern) by the typical variety; the variety *suishaense* (Hayata) Veldk. occurs also in Thailand (Eastern: Si Saket).

VERCOURT, B.

1989 : *Trichodesma inaequale* Edgeworth (Boraginaceae), a species of Africa and India.  
Kew. Bull. 44 (4): 699 – 701.

The correct name is established for a relative of *Trichosma indicum* (Linn.) Lehm.

VERMEULEN, J.J. and A. LAMBA

1988 : Six new species of *Bulbophyllum* sect. *Monibulbus* (Orchidaceae).  
Gardens' Bull. Singapore 41 (2): 29 – 41, with 4 figures.

Six new species of *Bulbophyllum* sect. *Monibulbus* (Orchidaceae) from Borneo are described: *B. kestron*, *B. leproglossum*, *B. nubinatum*, *B. pelicanopsis*, *B. scabrum* and *B. thymophorum*.

WANG, King-tang

1988 : Pollen morphology of *Cyclobalanopsis* and its relation to *Quercus*.  
Acta Phytotax. Sin. 26 (4): 282 – 239, with one table and four plates. Text in Chinese with English abstract.

Nineteen species of *Cyclobalanopsis* and 31 species of *Quercus* are studied for their pollen morphology. The pollen morphology supports the treatment of *Cyclobalanopsis* as a subgenus of *Quercus*.

WELCH, R. Colin

1987 : The occurrence of *Cynipinae* (Hymenoptera) galls on non-British *Quercus* (Fagaceae) in the Kew Herbarium.

Kew Bull. 42 (2): 449 – 451, with two tables.

Examination of a collection in the Kew Herbarium revealed 6 species and 1 hybrid of introduced *Quercus* galls by 2 species of cynipid gall-wasp.

WELZEN, P.C. van

1988 : Key to the Malesian genera of Sapindaceae (based on vegetative and fruit characteristic).

Blumea 33 (1): 215 – 237, with 62 figures.

A key to the 40 Malesian genera is provided.

WELZEN, P.C. van

1988 : Nineteen new species and a new combination in *Guioa* Cav. (Sapindaceae).

Blumea 33: 411 – 421, with 20 figures.

Nineteen new species and one new infraspecific name are proposed for the genus *Guioa* Cav. based on the collection from the Malay archipelagoes. Only one species, *G. punctata* Welzen, also occurs in Penang to Ellington.

WILMOT-DEAR, C.M.

1988 : An account of the genus *Debregeasia* (Urticaceae-Boehmerieae).

Kew Bull. 43 (4): 673 – 692, with 4 figures and 3 maps.

The genus *Debregeasia* Gaud. is revised. Four species are recognised, with a further species, *D. dentata* Hook. f., being considered as a form of *D. squamata* King ex Hook. f. and given a new name, *D. etuberculata*, to reflect more clearly its distinction from typical form. A further name, *D. edulis* Sieb. et Zucc., is shown to have been extensively misapplied, belonging correctly to a species of *Oreocnide*.

WILMOT-DEAR, C.M.

1989 : *Debregesia* (Urticaceae): a correction.

Kew Bull. 44 (4): 702.

The correct name of *Debregeasia velutina* Gaud. is *D. longifolia* (Burm. f.) Wedd.

WOLTER, Martin, Carola SEUFFERT and Raniner SCHILL

1988 : The ontogeny of pollinia and elastoviscin in the anther of *Doritis pulcherrima* (Orchidaceae).

Nord. J. Bot. 8: 77 – 88, with 19 figures.

The ontogeny of pollinia of *Doritis pulcherrima* shows some features not commonly found in other angiosperms.

The pollen grains in the tetrads possess irregularly spaced cell walls. The ontogeny of elastoviscin (specialized pollenkit) begins in the ground cytoplasm of some tapetal cells, where small droplets are surrounded by myelin-like structures.

WONG, K.-M.

1988 : The *Antirheoideae* (Rubiaceae) of the Malay Peninsula.  
Kew Bull. 43 (3): 491 – 518, with eight figures.

The *Antirheoideae* are represented by five distinct groups of species in the Malay Peninsula, viz. *Antirhea* (one sp.), *Guettarda* (one sp.), *Timonius sensu stricto* (12 spp.) the two other groups (one sp. each) *Timonius sensu stricto* (12 spp.), the two other groups (one sp. each) provisionally maintained in *Timonius*.

Three new combinations are made, one new species is described. a synoptical key is provided for the identification of genera and species-groups, and another key is given for the identification of species in *Timonius s.s.*

WU, C.Y. and D.D. TAO

1988 : Species nova santalacearum e prov. Yunnan.  
Acta Phytotax. Sin. 26 (4): 320, with one figure.

*Thesium remotebracteatum* Wu et Tao is described and illustrated.

YANG, Yuen-Po and John D. DWYER

1989 : Taxonomy of subgenus *Bladhia* of *Ardisia* (Myrsinaceae).  
Taiwania 34 (2): 192 – 298, with 28 figures.

Twenty-four species of subgenus *Bladhia* (Thunb.) Mez and two species of subgenus *Chinensia* (Nakai) Yang of *Arclisia* (Myrsinaceae) are recognized.

The study gives a taxonomic history of the subgenus concerned and a systematic treatment of vegetative and reproductive structures as well as foliar venation.

Seven species of the subgenus *Bladhia* are recorded from Thailand: *A. pusilla* A. DC., *A. fimbriata* Fletch., *A. curvistyla* Yang, *A. bambusetorum* King et Gamble, *A. maingayi* (Clarke) King et Gamble, *A. metallica* N.E. Brown, and *A. sylvestris* Pitard.

*A. cordulata* Fletch. and *A. cordulata* fletch. var. *patulo-hirsuta* Fletch. are reduced as synonyms of *A. metallica* N.E. Brown; *A. curvistyla* Yang is a new species endemic to Thailand.

ZHAO, Qing-sheng

1988 : A new species of *Incarvillea* (Bignoniaceae) from Sichuan.  
Acta Phytotax. Sin. 26 (1): 78 – 79, with one figure.

*Incarvillea dissectifolia* Zhao is described as a new taxon from Sichuan, Yanyuan in China.

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 4 plates. Text in Chinese with Latin descriptions.

Four new species are described as new to science.

ZHU, Zheng-yin

1988 : Two new species of *Roscoea* (Zingiberaceae) from Sichuan.

Acta Phytotax. Sin 26 (4): 315 – 317, with one figure. Text in Chinese with Latin descriptions.

Two species of *Roscoea* are described as illustrated.

ZOU, Shou-zing

1988 : A new species of *Neonauclea* (Rubiaceae) from Yunnan, China.

J. Arn. Arb. 69: 73 – 76, with one figure.

*Neonauclea tsaiana* S.Z. Zou is described as new to science; a large tree of economic importance was found in Xishuangbanna.

*Tem Smitinand*

The Forest Herbarium (BFK)

Royal Forest Department

Bangkok