

BIBLIOGRAPHY OF THE FLORA OF ANDAMAN AND NICOBAR ISLANDS

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The Andaman and Nicobar archipelago consisting of c. 350 islands and having a total landmass of c. 8250 sq. km. lies in the shape of an arc towards the southeast portion of the Bay of Bengal between 6°-14°N and 92°-94° E. It has been officially estimated that c. 86% of these islands is covered by tropical evergreen forests. At present there are c. 2000 species of angiosperms which include 1636 indigenous species ; 16.7%(273) of the indigenous angiospermic species are endemic to these islands. Pteridophytes number c. 126. The flora of the Andaman group of islands shows striking dissimilarities with the flora of Nicobar Islands. The Andaman Islands have more species common to northeast India, Myanmar and Thailand ; the Nicobar group have more species in common with Indonesia in the south and Malaysia in the east.

There are six major tribal groups, four being Negroid and two Mongoloid in origin. The Negroids are the *Onges* (98), the *Jarawas* (200), the *Sentineles* (90) and the *Great Andamanese* (29). The Mongoloids are the *Nicobarese* (26,500) and the *Shompens* (250). These ethnic tribes use a number of plant species for their sustenance.

Only one flora has so far been available (Parkinson, 1923) which mainly deals with the woody species of Andaman Islands. Vasudeva Rao (1986) provided a preliminary list of angiosperms from the Andaman and Nicobar Islands.

With an objective to put together the scattered literature and information on the rich and diverse flora of the Andaman and Nicobar Islands, the

present Bibliography is prepared. Since there are many additions to the annotated bibliography by Vasudeva Rao (1986) in his preliminary report on the Angiosperms of Andaman and Nicobar Islands, it is felt imperative to update the same, with the aid of Saldanha (1988,1990) and other subsequent books and research papers. It is hoped that this compilation would help those who are interested in the flora and forestry in general, economic botany and ethnobotany in particular of these islands. For the sake of convenience, the contents of this paper have been categorised under five different titles, viz., Angiosperm references arranged family-wise, economic botany, ethnobotany, general topics and pteridophytes.

I. FAMILY WISE

ACANTHACEAE

ELLIS, J.L.

Taxonomic status of *Rostellularia andamanica* M.K. Vasudeva Rao. *J. Econ. Tax. Bot.* 11 : 211-213. (1987-88) Merged with *R. procumbens* (L.) Ness.

THOTHATHRI, K.

A new species of *Hypoestes* from the Andaman Islands. *Reinwardtia* 7 : 1-3 1965. *H. andamanensis*, allied to *H. purpurea* (L.) Soland. ex R. & S.

VASUDEVA RAO, M.K.

Rostellularia andamanica Vasud.
(Acanthaceae)-A New species from the Andaman

Islands. *J. Econ. Tax. Bot.* 6 : 719-720. 1985. Allied to *R. simplex*.

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A new species of *Hypoestes* (Acanthaceae) from Andamans. *J. Econ. Tax. Bot.* 5 : 989-990, 1984. *H. thothathri*.

ANACARDIACEAE

RAO, P. S. N. AND P. V. SREEKUMAR

Spondias cytherea Sonner. (Anacardiaceae) in the Bay Island. *J. Econ. Tax. Bot.* 14 : 717-718. 1990. Recorded for the islands from South Andamans.

THOTHATHRI, K. AND N. P. BALAKRISHNAN

Mangifera camptosperma Pierre — An interesting addition to the Indian Flora from Great Nicobar Island. *Bull. Bot. Surv. India* 24 : 175-77. 1982-83. Previously known from Vietnam, Thailand & Burma.

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DAS, DEBIKA (NEE. Mitra)

Artabotrys nicobarianus — A new species from the Nicobar Islands. *Bull. Bot. Surv. India* 11 : 194-195. 1969.

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Rediscovery and nomenclature of *Orophea tortuosa* (Annonaceae). *J. Econ. Tax. Bot.* 14 : 143-145. 1990. Collected from Rutland, South Andaman after a lapse of 75 years ; *Messettiopsis torulosa* (Hutch.) Goel new comb.

———, B.N. MEHROTRA AND M.K. VASUDEVA RAO

Miliusa mollis var. *sparior* (Annonaceae) in Andamans- A new record for India. *Indian J. For. Addl. Ser.* 2 : 1-4. 1991.

——— AND S.C. SHARMA

A new species of *Miliusa* (Annonaceae) from Andaman Islands, India. *Nord. J. Bot.* 10 : 629-631. 1991. *M. jainii*, descr.

MATHEW, SAM, P. AND DEBIKA MITRA, (NEE. Das)

Mezzettia Becc. (Annonaceae) : A new generic record for India from Andamans. *Indian Forester* 117 : 1077-1079. 1991. *Mezzettia curtisii* earlier known from Malaya, reported from Mt. Harriet, South Andamans.

MITRA, DEBIKA AND P. CHAKRABORTY

Miliusa mukerjeeana D. Mitra & P. Chakrab. (Annonaceae). A new species from Andaman & Nicobar Islands. *Bull. Bot. Surv. India* 33 : 326-328. (1991) 1994. Allied to *M. roxburghiana*.

RAIZADA, M.B. AND K. C. SAHNI

A new Annonaceae from the Great Nicobar Island. *Indian Forester* 87 : 101-103. 1953. *Uvaria nicobarica* allied to *U. cordata* described.

ROGETAL, S.H.

The biosystematics and evolution of the *Polyalthia hypoleuca* complex (Annonaceae) of Malesia, 1. Systematic treatment. *J. Arnold Arbor.* 70 : 153-246. *P. glauca* from Andamans. 1989.

SRIVASTAVA, S.K. AND RAMESH KUMAR

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A new species of *Friesodielsia* (Annonaceae) from Great Nicobar Island. *J. Econ. Tax. Bot.* 6 : 435-436. 1985. *F. khoshooi* descr.

APOCYNACEAE

GANGOPADHYAY, M. AND T. CHAKRABARTY

The family Apocynaceae of Andaman and Nicobar Islands. *J. Econ. Tax. Bot.* 16 : 27-59. 1992. Systematic account on 23 genera, 30 indigenous and 6 cultivated species.

GOEL, A.K. AND M.P. SHARMA

Kopsia scortechinii and *K. arborea* (Apocynaceae) : New to Indian Flora. *Indian J. For. Addl. Ser.* 1 : 7-10. 1990. *K. scortechinii* from Andamans ; *K. Arborea* from Kerala and Andamans.

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Willughbeia Roxb. (Apocynaceae)—A new generic record for Andaman-Nicobar Islands. *J. Econ. Tax. Bot.* 6 : 725-726. 1985. *W. edulis* Roxb. Previously known from Mynamar.

A note on *Chilocarpus denudatus* Bl. var. *nicobaricus* Gang. & T. Chakrab. (Apocynaceae). *J. Econ. Tax. Bot.* 18 : 191-192. 1994. *C. denudatus* var. *nicobaricus* is *C. sunainaianus* Yog.

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GOVINDAIAH, V. CHELLADURAI AND V.S. TOGUNASHI

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SINHA, A. AND G.S. GIRI

Cryptolepis grandiflora Wight : A new record for Andamans. *J. Bombay Nat. Hist. Soc.* 77 : 366-367. 1980. Earlier reported from Peninsular India, recorded from Kurz's collection.

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Genianthus horei Vasud. (Asclepiadaceae)—A

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ASTERACEAE

GIRI, G.S. AND B. MITRA

On the identity of two varieties of *Blumea obliqua* (Linn.) Druce complex. *Indian J. For.* 7 : 141-144. 1984. *Blumea obliqua* var. *maritima* (C.B.Cl. ex Hook. f.) Giri et B. Mitra from Andamans.

MOHAN RAJ, P. T.V.R.S. SHARMA, M.K. VASUDEVA RAO AND K. VEENA KUMARI

Parthenium hysterophorus L. (Asteraceae) from Neil Island A new adventive to the Andaman and Nicobar Islands. *J. Bombay Nat. Hist. Soc.* 91 : 161-162. 1994.

SIVARAJAN, V.V. AND C. RAMESAN

The genus *Spilanthes* Jacq. (Compositae-Heliantheae) in India. *J. Econ. Tax. Bot.* 10 : 141-147. 1987-88. 6 species ; *S. uliginosa* Sw. is recorded from Andaman & Nicobar Islands.

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Barclayaceae. In M.P. Nayar, et. al. *Fascl. Fl. India* 20 : 1-2. 1990. *Barclaya longifolia* Wall. in South Andamans.

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BALAKRISHNAN, N.P.

Burmannia championii Thw. — An addition to the flora of Andaman & Nicobar Islands. *Bull. Bot. Surv. India* 18 : 230-231., 1976. Previously known from Sri Lanka, Malaya, Java, Borneo, N. Guinea, S. China and Japan ; recorded for India from Great Nicobar.

CAESALPINIACEAE

BALAKRISHNAN, N.P. AND K. THOTHATHRI

Phanera nicobarica Balakr. & Thoth. (Caesalpiniaceae)—A new and interesting species from Great Nicobar Island. *Bull. Bot. Surv. India* 17 : 201-203. 1975-78. Allied to *P. stipularis* (Korth)

Bth. ; transferred to *Bauhinia* as *B. nicobarica* (Balakr. & Thoth.) Bennet in *Indian Forester* 54 : 326-237. 1982.

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Salacia korthalsiana Miq. (Celastraceae) : An addition to the Indian Flora from Nicobar Islands. *Indian J. For.* 16 : 77-78. 1993. *S. korthalsiana* was, earlier known from Peninsular Thailand & Malesia.

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Additions to the genus *Salacia* L. (Celastraceae)

of Bay Islands, India. *Indian Forester* 119 : 414-417. 1993. *S. macrosperma*, *S. reticulata* and *S. salacioides* is reported as additions to these islands.

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Loeseneriella cumingii (Laws.) Ding Hou (Celastraceae)—A new record for India from the Nicobar Islands. *J. Econ. Tax. Bot.* 13 : 41-42. 1989. Earlier known from Malesia.

Hydnocarpus sharmae (Flacourtiaceae) is *Siphonodon celastrineus* (Celastraceae). *Nord. J. Bot.* 14 : 303-305. 1994. Descr., of *Siphonodon celastrineus* is also given.

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Euonymus cochinchinensis (Celastraceae)—A new record for India. *J. Econ. Tax. Bot.* 6 : 266. 1985. Previously reported from Thailand, China, Malaya, Sumatra, Borneo, Philippines etc., and now known from Little Andaman.

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Nicobariodendron Vasud. & T. Chakrab. (Celastraceae) : A new genus from the Nicobar Islands, India, *J. Econ. Tax. Bot.* 7 : 513-516. 1985. *N. sleumeri* Vasud. & T. Chakrab. from Katchal.

CLUSIACEAE

SINGH, N.P.

A *Calophyllum* new to India from Nicobars. *Indian J. For. Addl. Ser.* 1 : 3-5. 1990. *C. macrocarpum* Hk. f. is reported from South Nicobars, earlier known from Southern Thailand & Malaya to Borneo.

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Garcinia dhanikhariensis (Clusiaceae)—A new species from Andaman Islands, India. *Nord. J. Bot.* 14 : 51-53. 1994. Allied to *G. gaudichaudii*.

COMBRETACEAE

GANGOPADHYAY, M. AND T. CHAKRABARTY

Two new species of *Terminalia* L.

(Combretaceae) from Andaman Islands. *J. Econ. Tax. Bot.* 16 : 237-240. 1992. *T. sharmae* and *T. vermae* from South Andamans.

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MONDAL, M.S.

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CYPERACEAE

CHANDRA, VEENA

Scleria purpurascens Steud. (Cyperaceae) — A new record for India from Andaman and Nicobar Islands. *Indian Forester* 116 : 841. 1990. descr.; but it has been already reported by Kern.

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MATHEW, SAM P. AND P.V. SREEKUMAR

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A new *Hypolytrum* (Cyperaceae) from Middle Andamans. *Blumea* 25 : 319. 1979. *Hypolytrum balakrishnanii*.

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LAKSHMINARASIMHAN, P. AND S.K. SRIVASTAVA

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TEWARY, P.K. AND A.K. SARKAR

Lectotypification of *Dipterocarpus andamanicus*

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A note on the (presumed) female plant of *Sphyrnothera lutescens* (Euphorbiaceae) in the Nicobar Islands. *Kew Bull.* 39 : 807-808. 1984.

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A new species of *Macaranga* from Nicobar Islands. *Gard. Bull. Singapore* 31 : 57-60. 1978. *M. nicobarica* from Katchal Island allied to *M. gigantea* Reichb. f. & Zoll.

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A new species of *Trigonostemon* Blume (Euphorbiaceae) from Great Nicobar Island. *J. Econ. Tax. Bot.* 5 : 202-204. 1984. (*T. nicobaricus* descr.).

Mallotus penangensis Muell.-Arg. (Euphorbiaceae) — A new record for India. *J. Econ. Tax. Bot.* 5 : 217-218. 1984. Previously known from Malaya, Borneo, Sumatra, Moluccas, Philippines and now reported from Great Nicobar.

Margaritaria (Euphorbiaceae) — A new generic record for the Andamans. *J. Econ. Tax. Bot.* 6 : 262. 1995. *M. indica* (Dalz.) Airy Shaw.

Blumeodendron tokbrai (Euphorbiaceae) — A new record for India. *J. Econ. Tax. Bot.* 6 : 430. 1985.

Previously known from Malaya, Sumatra, Java, Moluccas, New Guinea etc., and now from Great Nicobar.

Excoecaria indica (Euphorbiaceae) — A new generic record for Andamans. *J. Econ. Tax. Bot.* 6 : 438. 1985. Previously known from Malesia & Solomon Is.

Notes on *Claoxylon rostratum* (Euphorbiaceae). *J. Econ. Tax. Bot.* 6 : 451-452. 1985. Endemic to Andaman and Nicobar Islands.

Notes on Euphorbiaceae of Andaman Nicobar Islands. *J. Econ. Tax. Bot.* 6 : 493-498. 1985. Notes on 11 taxa, including 3 novelties & 3 new records for India.

A new species of *Drypetes* (Euphorbiaceae) from Great Nicobar Island. *J. Econ. Tax. Bot.* 7 : 453-454. 1985. *D. bhattacharyai* related to *D. assamica*.

Notes on Asiatic Euphorbiaceae. *J. Econ. Tax. Bot.* 11 : 21-24. 1987-88. 5 taxa.

AND N.P. BALAKRISHNAN

Genus *Dimorphocalyx* Thw. (Euphorbiaceae) in India. *Proc. Indian Acad. Sci. (Pl. Sci.)* 100 : 285-299. 1990. A revision of the genus for India and adjoining countries ; 3 species and 2 varieties.

AND

The family Euphorbiaceae of Andaman and Nicobar Islands. *J. Econ. Tax. Bot. Addl. Ser.* 9 : pp. 1-122, figs. 22. 1992. Scientific Publishers, Jodhpur. 110 species are recognized, keyed out and described with a few selected illustrations. 1 genus and 18 species are endemic to these islands.

AND P. BASU

Aporosa nigricans (Euphorbiaceae) — A new record for India. *J. Econ. Tax. Bot.* 6 : 432. 1985.

Previously known from Thailand, Malaya & Borneo and now recorded from South Andamans.

——— AND M. GANGOPADHYAY

Notes on some Asiatic Euphorbiaceae —IV. *J. Econ. Tax. Bot.* 14 : 719-720. 1990. Notes on *Drypetes*.

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A new *Phyllanthus* L. (Euphorbiaceae) from North Andaman Island. *J. Bombay Nat. Hist. Soc.* 90 : 60-70. 1993. *P. sanjappae* closely related to *P. clarkee* Hk. f. is described from Saddle Peak.

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A revision of *Excoecaria* L. (Euphorbiaceae) for Indian subcontinent. *J. Econ. Tax. Bot.* 18 : 193-210. 1994. 8 species occur, of which *E. agallocha*, *E. indica* & *E. rectinervis* are found in these islands.

——— AND R.K. PREMANATH

A new species of *Dimorphocalyx* Thw. (Euphorbiaceae) from Andaman Islands. *J. Econ. Tax. Bot.* 4 : 1013-1016. 1983. *D. balakrishnanii*.

——— AND M.K. VASUDEVA RAO

A new species of *Bridelia* (Euphorbiaceae) from Car Nicobar Island. *J. Econ. Tax. Bot.* 5 : 945-947. 1984. *B. nicobarica*.

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Does *Baccaurea javanica* (Euphorbiaceae) occur in India. *J. Econ. Tax. Bot.* 5 : 957-958. 1984. *B. sumatrana* (Miq.) Muell.- Arg. new record for India and occurrence of *B. javanica* in India is doubtful.

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A new species of *Sphyranthera* (Euphorbiaceae) from North Andaman Island. *J. Econ. Tax. Bot.* 5 : 959-961. 1984. *S. airyshawii* T. Chakrab. & Vasud.

——— AND ———

The male plant of *Sphyranthera airyshawii*. *J. Econ. Tax. Bot.* 6 : 429-430. 1985.

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Drypetes microphylla (Euphorbiaceae) on Great Nicobar Island. *J. Econ. Tax. Bot.* 6 : 442. 1985. Previously known from Malaya, Borneo, Philippines.

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Drypetes sumatrana (Euphorbiaceae) in India. *J. Econ. Tax. Bot.* 6 : 474-476. 1985. *D. cambodiae* & *D. kurziana* conspecific with *D. sumatrana*.

GOEL, A.K. AND T. CHAKRABARTY

Excoecaria indica (Euphorbiaceae) : New for Andaman Islands. *J. Econ. Tax. Bot.* 14 : 738. 1990. Previously known for south & east India and Great Nicobar; now from Andamans.

MATHEW, SAM P. AND T. CHAKRABARTY

A new *Drypetes* Vahl (Euphorbiaceae) from South Andaman Island. *J. Econ. Tax. Bot.* 14 : 623-625. 1990. *D. ellisii* allied to *D. andamanica* from Mt. Harriet.

——— AND P. LAKSHMINARASIMHAN

Notes on two endemic Euphorbiaceous taxa from Andaman & Nicobar Islands, India. *Bull. Bot. Surv. India* 33 : 311-314. 1991-94. *Glochidion andamanicum* rediscovered from Andamans after 9 decades; *Sphyranthera lutescens* rediscovered from Andamans after 11 decades.

MANDAL, N.R. AND G. PANIGRAHI

The genus *Aporosa* Blume (Euphorbiaceae) in India. *Bull. Bot. Surv. India* 28 : 42-45. 1985. Out of 12 indigenous species of India, 6 species are found in Nicobar Islands.

VASUDEVA RAO, M.K. AND T. CHAKRABARTY

New and noteworthy *Glochidion* species (Euphorbiaceae) from Andaman & Nicobar Islands. *J. Econ. Tax. Bot.* 5 : 935-938. 1984. A new species *G. bilobulatum* and notes on *G. airyshawii*, *G. sumatranum* & *G. perakense*.

VASUDEVA RAO, M. K. AND T. CHAKRABARTY

Drypetes longifolia (Euphorbiaceae) in Andamans. *J. Econ. Tax. Bot.* 6 : 445. 1984. Occurrence is confirmed.

FABACEAE

BHARGAVA, N.

Pterocarpus dalbergioides Roxb. (Fabaceae) in Andaman Islands. *Indian Forester* 106 : 885-886. 1980. Occurrence in Little Andamans.

MATHEW, SAM P.

Nomenclatural status of *Tadehagi triquetrum* (L.) Ohashi subsp. *andamanicum* Balakr. & Nair. *J. Econ. Tax. Bot.* 14 : 235-236. 1990. *Tadehagi andamanicum* comb. & stat. nov.

RAO, P.S.N. AND S.K. SRIVASTAVA

A rare, endemic *Ormosia* Jack. in Andaman and Nicobar Islands. Plea for conservation. *Indian J. For.* 14 : 74-75. 1991. *O. travancorica* Bedd. distributed in Western Ghats esp. Tamil Nadu & Kerala and now in Andamans.

SANJAPPA, M.

Additions to the genus *Indigofera* L. (Fabaceae) of India and Bhutan. *Bull. Bot. Surv. India.* 26 : 38-41. 1984-85. *I. glandulosa* from Andaman & Nicobar Islands.

SINGH, S.P., R.S. SHARMA AND JAI SINGH

Provisional growth estimate of *Pterocarpus dalbergioides* Roxb. (Andaman Padauk). *Indian Forester* 110 : 396-400. 1984. Growth pattern is projected on yeild table.

FLACOURTIACEAE

CHAKROBRTY, T. AND M. GANGOPADHYAY

The Flacourtiaceae of Andaman & Nicobar Islands. *J. Econ. Tax. Bot.* 16 : 715-722. 1992. 11 species are recognized. *Casearia insularis* is reduced to a variety of *C. grewiaefolia*. The earlier reports of *Casearia elliptica*, *Hydnocarpus castanea* and *H. sharmae* were erroneous.

HORE, D.K., M.K. VASUDEVA RAO AND T. CHAKRABARTY

Pangium (Flacourtiaceae) — A new generic record for India. *J. Econ. Tax. Bot.* 6 : 417. 1985 *P. edule* Reinw. distributed in Malesia now reported from Great Nicobar.

RAO, P.S.N.

Rediscovery of a rare, endemic *Casearia* Jacq. (Flacourtiaceae) in Bay Islands. *J. Econ. Tax. Bot.* 15 : 683-685. 1991-92. *C. andamanica* King.

——— AND P.V. SREEKUMAR

Hydnocarpus sharmae (Flacourtiaceae) — A new species from Andaman Islands, India. *Nord. J. Bot.* 12 : 225-226. 1992. Allied to *H. glaucescens*.

VASUDEVA RAO, M.K. AND T. CHAKRABARTY

A new species of *Casearia* (Flacourtiaceae) from North Andaman Island. *J. Econ. Tax. Bot.* 5 : 941-942. 1984. *C. insularis*.

GESNERIACEAE

BALAKRISHNAN, N.P.

Cyrtandra and *Cytrandromoea* of the Nicobar Islands, India. *Notes Roy. Bot. Gard. Edinb.* 35 : 115-120. 1976. *C. burtii* a new species from Great Nicobar.

——— AND B.L. BURTT

Studies in the Gesneriaceae of the Old World XLVI : A second *Cyrtandra* on the Nicobar Islands. *Notes Roy. Bot. Gard. Edinb.* 37 : 153-156. 1978. *C. occidentalis* from Great Nicobar.

BURTT, B.L.

The first species of *Stauranthera* (Gesneriaceae) from New Guinea with general notes on the genus. *J. Arnold Arbor.* 65 : 129-133. 1984. *S. grandiflora* Bth. new to India from these islands; earlier known Bangladesh, Myanmar & Penang.

GOEL, A.K., M.K. VASUDEVA RAO AND B. N. MEHROTRA

A new species of *Aeschynanthus* Jacq. (Gesneriaceae) from South Andamans. *Bull. Bot. Surv. India* 31 : 154-156. 1989-1992. *A. andamanen-*

sis allied to *A. parasiticus* (Roxb.) Wall.

ICACINACEAE

CHAKRABARTY, T. AND M.K. VASUDEVA RAO

Ioedes (Icacinaceae) — A new generic record for Andaman & Nicobar Islands. *J. Econ. Tax. Bot.* 6 : 455. 1985. *I. cirrhosa* Turcz, descr.

THOTHATHRI, K. AND S.P. BANERJEE

Lasianthera secundiflora Miq. (Icacinaceae) — A new record for India from Great Nicobar Island. *Indian Forester* 101 : 708-709. 1977.

LAURACEAE

CHAKRABARTY, T. AND A.K. GOEL

Two undescribed species of *Neolitsea* (Lauraceae) from Andaman & Nicobar Islands. *J. Econ. Tax. Bot.* 6 : 449-450. 1985. *N. balakrishnanii* from North Andamans & *N. nicobarica* from Nicobar Islands.

——— AND M.K. VASUDEVA RAO

A new variety of *Nothophoebe panduriformis* (Lauraceae) from Great Nicobar Island. *J. Econ. Tax. Bot.* 5 : 997-998. 1984. var. *paucinervia*, descr.

CHAKRABARTY, T. AND M.K. VASUDEVA RAO

A new species of *Nothophoebe* (Lauraceae) from Great Nicobar Island. *J. Econ. Tax. Bot.* 6 : 443-444. 1985. *N. nicobarica*, descr.

MATHEW, SAM, P. AND LAKSHMINARASIMHAN

Actinodaphne sesquipedalis (Lauraceae) A new record for India from Andaman Islands. *J. Bombay Nat. Hist. Soc.* 89 : 272-273. 1992. Earlier known from Tenasserim & Penang.

——— AND ———

Dehaasia firma Bl. (Lauraceae) — A new record for Indian Flora from the Andaman Islands. *Indian J. For.* 16 : 79-80. 1993. Earlier known from Malaya & E. Borneo.

ROY, ACHINTYA, K.

Litsea pustulata (Lauraceae) — A new record for India. *J. Econ. Tax. Bot.* 7 : 443-444. 1985. Earlier

known from Malay Peninsula and now from Great Nicobar.

VASUDEVA RAO, M.K. AND T. CHAKRABARTY

A new species of *Cryptocarya* (Lauraceae) from South Andaman Island. *J. Econ. Tax. Bot.* 6 : 446. 1985. *C. insularis*.

LECYTHIDACEAE

CHAKRABARTY, T. AND M.K. VASUDEVA RAO

Barringtonia pendula and *B. reticulata* (Lecythidaceae) in India. *J. Econ. Tax. Bot.* 5 : 955-956. 1984. *B. pendula* in Andaman & Nicobar Islands & *B. reticulata* from Andamans.

THOTHATHRI, K.

A note on *Chydenanthus excelsus* (Bl.) Miers from the Nicobar Islands. *Curr. Sci.* 33 : 26-27. 1964. New record for India, earlier known from Java & Sumatra.

LEEACEAE

NAIR, N.G.

Leea angulata Korth. ex Miq. — A new record for India from Car Nicobar Island. *Sci & Cult.* 41 : 553-554. 1995. Previously known from Java and Malay Peninsula.

LENTIBULARIACEAE

MEHROTRA, A. AND T. CHAKRABARTY

Notes on *Utricularia striatula* J. E. Sm. (Lentibulariaceae). *J. Econ. Tax. Bot.* 6 : 414. 1985. Reports from North Andamans.

LINACEAE

VASUDEVA RAO, M.K. AND T. CHAKRABARTY

Indorouchera Hall., f. (Linaceae) — A new generic record for India. *J. Econ. Tax. Bot.* 5 : 931-932. 1984., *I. griffithiana* (Planch.) Hall. f. from Great Nicobar.

LYTHRACEAE

SAM P. MATHEW AND P. LAKSHMI NARASIMHAN

Rotala andamanensis Mathew & Lakshminarasimhan — A new species of Lythraceae from

Andaman Islands, India. *Bull. Bot. Surv. India* 32 : 189-191. 1990-92. Allied to *R. remosior* (L.) Koehne.

MALPIGHIACEAE

BALAKRISHNAN, N.P. AND R.C. SRIVASTAVA

A new species of *Hiptage* Gaertn. (Malpighiaceae) from Andaman Islands. *J. Econ. Tax. Bot.* 4 : 985-986. *H. thothathrii* allied to *H. parvifolia* Wight & Arn.

SRIVASTAVA, R.C.

Notes on threatened taxa of Malpighiaceae of India. *J. Econ. Tax. Bot.* 6 : 61-72. 1985. 13 taxa are endemic. Of these 18 are rare threatened. *Aspidopterys elliptica* & *Hiptage obtusifolia* occur in these islands.

Notes on endemic taxa of Malpighiaceae in India. *J. Econ. Tax. Bot.* 14 : 393-404. 1990. 13 endemic taxa ; *Hiptage thothathri* from Andamans.

MARANTACEAE

BALAKRISHNAN, N.P.

A new *Phrynium* (Marantaceae) from Great Nicobar Island, India. *Blumea* 24 : 185-187. 1978. *P. paniculatum* is descr.

MELASTOMATACEAE

LAKSHMINARASIMHAN, P. AND SAM P. MATHEW

A new name for an Indian *Memecylon* (Melastomataceae). *Novon* 3 : 58. 1993. *M. balakrishnanii* against *M. collinum* Balakr. & Nair, 1983 non Jacques- Felix, 1979.

MATHEW, SAM P. AND P. LAKSHMINARASIMHAN

Memecylon oleifolium Bl. (Melastomataceae) — A new record for India from Andaman Islands. *Geobios New Rep.* 11 : 155-156. 1992. Earlier known from Thailand, Malaysia and Indonesia.

NAIR, N.G.

A new record of *Astronia macrophylla* Bl. (Melastomataceae) from Great Nicobars and its phytogeographical significance. *Curr. Sci.* 43 : 665-666. 1974. Recorded for India.

VASUDEVA RAO, M.K. AND T. CHAKRABARTY

Ochthocharis bornensis (Melastomataceae) in India. *J. Econ. Tax. Bot.* 6 : 419-420. 1985. New record for India from Great Nicobar.

MELIACEAE

DEBNATH, H.S. AND P.V. SREEKUMAR

Additions to the Meliaceae of Andaman and Nicobar Islands. *J. Econ. Tax. Bot.* 16 : 219-220. 1992. *Dysoxylum gobara* & *Trichilia cinnaroides*.

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A new species of *Chisocheton* (Meliaceae) from Great Nicobar. *J. Econ. Tax. Bot.* 16 : 553-555. 1992. *C. nicobarianus*.

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Chisocheton longistipitatus (F.M. Bailey) L.S. Smith (Meliaceae) — A new record for Indian Flora. *J. Bombay Nat. Hist. Soc.* 90 : 123. 1993. From South Andaman.

RAO, P. S.N. AND SAM P. MATHEW

Walsura pinnata Hassk. (Meliaceae) from Andaman Islands — A new record for Indian Flora. *J. Bombay Nat. Hist. Soc.* 89 : 392-393. 1992-93. *W. pinnta* Hassk., hitherto known to be endemic to Java.

MENISPERMACEAE

BALAKRISHNAN, N.P.

Tinomiscium nicobaricum Balakr. (Menispermaceae) — A new species from Great Nicobar Islands. *New Botanist* 7 : 7-9. 1980. See Forman, 1985.

FORMAN, L.L.

A revision of tribe Fibraureae (Menispermaceae) in Asia. *Kew. Bull.* 40 : 539-551. 1985. *Tinomiscium nicobaricum* is a mixture of *T. petiolare* & *Fibraurea tinctoria*.

PRAMANIK, A. AND K. THOTHATHRI

Notes on new and extended distribution of some species of Menispermaceae in India. *J. Econ. Tax. Bot.* 7 : 445-447. 1985. *Anamirta cocculus*,

Aspidocarya urifera, *Parabaena sagittata* recorded from Andamans. *Tinospora andamanica* is merged with *T. glabra*.

MIMOSACEAE

GANGOPADHYAY, M. AND T. CHAKRABARTY

The genus *Archidendron* F. v. Muell. (Mimosaceae) in India. *J. Econ. Tax. Bot.* 17 : 683-691. 1993. A preliminary revision of the genus which includes 3 indigenous & 1 cultivated species from Andaman Nicobar Islands.

NIELSEN

Notes on Indo-Chinese Mimosaceae. *Adansonia* 19 : 339-363. 1980. *Acacia andamanica* = *A. pseudo-intsia* var. *ambigua*.

MORACEAE

MATHEW, SAM, P. AND SUSUN ABRAHAM

Ficus aurantiacea var. *aurantiacea* from South Andamans, India. *Malay. Nat. J.* 46 : 145-147. 1993. New record for India.

SREEKUMAR, P.V. AND H.S. DEBNATH

Ficus pendens Corner (Moraceae) — A new record for India from Nicobar Islands. *J. Econ. Tax. Bot.* 16 : 221-223. 1992. Previously reported from Malaya, Sumatra, Sarawak and North Borneo.

MYRISTICACEAE

DE WILDE, W.J.J.O.

Endocomia, a new genus of Myristicaceae. *Blumea* 30 : 173-196. 1984. *E. macrocoma* ssp. *prainii* from Andamans & Assam.

MYRSINACEAE

NAYAR, M.P. AND G.S. GIRI

A new variety of *Maesa* Forssk. (Myrsinaceae) from Andamans. *Bull. Bot. Surv. India* 27 : 263-264. 1985-87. *M. andamanica* Kurz var. *longipedicellata* descr.

RAO, P.S.N.

Embelia macrocarpa Kings & Gamble (Myrsinaceae)—A new record for India from Andaman

Islands. *Bull. Bot. Surv. India*. 33 : 323-325. (1991) 1994. Descr ; earlier known from Malay Peninsula.

VASUDEVA RAO, M.K. AND T. CHAKRABARTY

Embelia viridiflora (A. DC.) Scheff. (Myrsinaceae) in the Andaman & Nicobar Islands. *J. Econ. Tax. Bot.* 5 : 933-934. 1984. New record for India ; differences between *E. viridiflora* & *E. basaal* listed.

MYRTACEAE

LAKSHMINARASIMHAN, P. AND L.N. RAY

Decaspermum (Myrtaceae) — A new record of the genus from the Andaman Islands, India. *Indian J. For.* 16 : 179-180. 1993. *Decaspermum parviflorum* earlier known in India from Assam.

SREEKUMAR, P.V.

Syzygium flosculiform (M.R. Henderson) Sreek. — An addition to the Myrtaceae of India from the Great Nicobar Island. *J. Econ. Tax. Bot.* 17 : 454-456. 1993. Earlier from Malaya & Singapore.

OLACACEAE

CHAKRABARTY, A.

Identity of *Anacolosa griffithii* Mast. from Andamans. *Bull. Bot. Surv. India* 4 : 171-172. 1972-1975. Andaman specimens belong to *A. puberula* Kurz var. *andamanica* King (q.v.) *A. frutescens* (Bl.) Bl.

NAYAR, M.P. AND G.S. GIRI

Status of *Olax wightiana* Wall. ex Wight & Arn. *Bull. Bot. Surv. India*. 27 : 257-258. 1985-1987. *O. imbricata* of Andaman & Nicobar Islands.

OLEACEAE

BALAKRISHNAN, N.P. AND N.G. NAIR

A new species of *Jasminum* (Oleaceae) from Andaman Islands. *Bull. Bot. Surv. India* 21 : 214-216. 1979-1981. *J. andamanicum* allied to *J. cordatum* Lindl.

GOEL, A.K., M.K. VASUDEVA RAO AND B.N. MEHROTRA

First record of *Ligustrum glomeratum*

(Oleaceae) from South Andamans. *J. Econ. Tax. Bot.* 7 : 484-486. 1985. The genus recorded first time for A.&N. Islands and the species *L. glomeratum* for India.

MATHEW, SAM P. AND SUSAN ABRAHAM

A note on the rediscovery of *Jasminum andamanicum* Balakr. & N.G. Nair — An endangered endemic species. *J. Bombay Nat. Hist. Soc.* 91 : 162-163. Collected after 76 years.

PANIGRAHI, G.

The Genus *Chionanthus* L. (Oleaceae) in the Indian Region. *Indian J. For.* 8 : 51-60. 1985. 18 taxa ; 5 taxa are reported from Andaman & Nicobar Islands.

SRIVASTAVA, S.K.

Teratological notes on the fruit of *Chionanthus ramiflorus* Roxb. *J. Bombay Nat. Hist. Soc.* 88 : 302-303. 1991-92. Fruits are exceptionally large in Car Nicobar specimens.

A new name for a *Jasminum* (Oleaceae). *Bull. Bot. Surv. India* 32 : 174. 1990-1992. *J. balakrishnani* against *J. unifoliolatum* Balakr. & Nair, 1983, non Gillespie, 1930.

——— AND A.K. GOEL

Chionanthus roxburghii (Oleaceae) in Andaman & Nicobar Islands. *J. Econ. Tax. Bot.* 13 : 25-27. 1989.

——— AND S. L. KAPOOR

Chionanthus montanus Blume (Oleaceae) — A new record for Indian Flora. *Geophytology* 12 : 69-72. 1982.

——— AND ———

A new subspecies of *Jasminum cordifolium* Wall. ex G. Don (Oleaceae) from Andaman Islands. *Bull. Bot. Surv. India* 25 : 217-219. 1983-1985. subsp. *andamanicum* descr.

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Notes on conservation status of taxa of Indian

Oleaceae. *J. Econ. Tax. Bot.* 9 : 173-177. 1987. 27 taxa.

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Chionanthus Linn. (Oleaceae) in India. *J. Econ. Tax. Bot.* 15 : 129-141. 1991. 10 species & 3 varieties; 5 species in Andaman & Nicobar Islands.

THOTHATHRI, K.

A new variety of *Jasminum multiflorum* (Burm. f.) Andr. from the Nicobar Islands. *Bull. Bot. Surv. India* 5 : 99-100. 1963. var. *nicobaricum* from Car Nicobar.

ORCHIDACEAE

BALAKRISHNAN, N.P.

Our orchids. Andaman and Nicobar Information 1976 : 153-156, tt. 1-8. 1976. List of 71 species of orchids of Andaman and Nicobar Islands.

——— AND N. BHARGAVA

Thrixspermum hystrix Reichb. f. (Orchidaceae) A new record. *Geobios* 4 : 128. 1977. New of India from Baratang, South Andamans.

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Taeniophyllum andamanicum Balakr. & Bharg. (Orchidaceae) — An interesting new species from Andaman Islands. *Bull. Bot. Surv. India* 20 : 154-156. 1978-79. Allied to *T. viride* Corr. of Malaya from Baratang Island, South Andamans.

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Malleola andamanica Balakr. & Bhargava (Orchidaceae)—A new species from Andaman Islands. *Proc. Indian Acad. Sci.* 88 : 317-319. 1979.

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Descriptive notes on some new or little known orchids of Nicobar Islands. *Bull. Bot. Surv. India* 20 : 80-90. 1978-79. One new species *Anoectochilus nicobaricus* and nine new records for India, *Polystachya flavescens* is recorded for Nicobars.

——— AND N.C. NAIR

Eulophia nicobarica Balakr. & N.G. Nair

(Orchidaceae)—A new species from Car Nicobar Island. *Bull. Bot. Surv. India*. 15 : 271-273. 1973- 1976. Allied to *E. squalida* Lindl. and *E. alata* Hook. f.

———— AND —————

New records of orchids from Andaman Islands. *Bull. Bot. Surv. India*. 18 : 149-154. 1976-1979. A new record for India, 3 for the Islands.

———— AND M.K. VASUDEVA RAO

Critical notes on the status of *Microstylis andamanica* King & Pantl. and *Eulophia decipiens* Kurz. *Bull. Bot. Surv. India* 21 : 177-179. 1979- 1981. *Malaxis andamanica* (King & Pantl.) Balakr. & Vasud. *comb. nov.* for *Microstylis andamanica* ; *E. decipiens* Kurz = *E. graminea* Lindl.

BHARGAVA, N.

On the natural blooming of *Calanthe triplicate* (Will.) Ames in Little Andaman Island (India). *Amer. Orch. Soc. Bull.* 47(11) : 1011-1015. 1978. New generic record for the Island.

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Pteroceras appendiculatum (Bl.) Holtt. — Record of Malesian species from Little Andaman Island. *Geobios* 5 : 136-137. 1978. A new record for India.

ORE, D.K. AND N.P. BALAKRISHNAN

Orchids of Great Nicobar Island and their conservation. *J. Bombay Nat. Hist. Soc.* 81 : 626-635. 1984-1985. 33 taxa with notes in habitat, phytogeography and ornamental value.

JAYAMURTHY, A. AND J.C. DAGAR

Chiloschista lunifera (Reichb. f.) J. J. Sm. (Orchidaceae)— Rediscovered in India from Andamans. *J. Andaman Sci. Assoc.* 3 : 131-132. 1987. Descr., is given ; earlier known from Sikkim.

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II. ECONOMIC BOTANY

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IV. GENERAL

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Environment and its management, Andaman & Nicobar Islands (Mimeo). 1989.

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A glance of the part history of Andaman forests. *Hundred years of Forestry in Andamans.* 1-7. 1983.

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Two new additions to the flora of India from Great Nicobar. *J. Econ. Tax. Bot.* 7 : 457-460. 1985. *Bulbophyllum macranthum* and *Polyalthia cauliflora*.

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New plant records for Bay Islands. *J. Econ. Tax. Bot.* 18 : 185-187. 1994. Reports of 4 plants for the first time from these islands viz, *Embelia ribes*, *Ischaemeum zeylanicum*, *Malvastrum coromandelianum* and *Sporobolus tenuissimus* of which *Malvastrum* forms a new generic record. Brief descr.

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On the fore-shore vegetation of Malacca coast of the Car Nicobar Island. *Bull. Bot. Surv. India* 2 : 15-25. 1960-1962. Brief account of the history of collections in the islands, vegetation of the coast of Car Nicobar are given with enumeration ; some with uses.

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Studies on the flora of the Andaman Island. *Bull. Bot. Surv. India* 2 : 357-373. 1960-1961. Briefly describes the vegetation of the South, Middle and North Andamans and c. 260 species of Angiosperms are enumerated.

Taxonomic notes on a few plants. *Bull. Bot. Surv. India* 3 : 83-85. 1961. Proposed correct names for these plants.

New records of plants from the Andaman and Nicobar Islands. *J. Bombay Nat. Hist. Soc.* 58 : 310-317. 1961-1962. 12 angiosperm and 1 fern species are recorded.

Contributions to the Flora of the Andaman and Nicobar Islands. *Bull. Bot. Surv. India* 4 : 281-296. 1962-1963. General account including vegetation of the two groups of islands and their floristic analysis is compared with neighbouring countries and endemism is also presented.

Botanical exploration in Baratang and Little Andaman Islands. *Indian Forester* 111 : 176-181. 1975. Brief summary of vegetation of the two islands with an enumeration of c. 80 species is presented.

A review on the floristic studies in the Andaman and Nicobar Islands up to 1970. *Bull. Bot. Surv. India* 19 : 127-131. 1977.

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Studies on the Mangroves of Peninsular India versus the Andaman and Nicobar Islands. *Bull. Bot. Surv. India* 23 : 151-154. 1981-1983. Comparison of Mangroves of both regions with note on the economic aspects of *Nypa* & *Bruquiera gymnorhiza*.

———, S.P. BANERJEE AND P.K. HAJRA

New records of Malesian plants from Great Nicobar Island. *Bull. Bot. Surv. India*. 15 : 163-166. 5 species are reported as additons.

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Botanical results of the Joint Scientific expedition to the Great Nicobar Island. *Bull. Bot. Surv. India* 15 : 235-265. 1973-1976. An enumeration of 40 ferns, 2 gymnosperms and c. 170 angiosperms is presented. A note on plants of economic importance is also added.

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Our forests. Andaman and Nicobar Information 32-37. 1971.

VASUDEVA RAO, M.K.

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Six neophytes in Andaman and Nicobar Islands. *Bull. Bot. Surv. India* 22 : 112-114, 1980-1982. 6, adventive species, *Blumea eriantha*, *Eleutheranthera ruderalis*, *Struchium sparganopharum*, *Hyptis brevipes*, *Cleome rutidosperma* and *Leucas biflora* are recorded for the islands.

On the identity and distribution of some plants in Andaman & Nicobar Islands. *Bull. Bot. Surv. India* 24 : 185-186. 1982-1983. *Beaumontia jerdoniana*, *Ichnocarpus volubilis*, *Rhynchosia rhynchosperma*, *Cryptolepis buehnananii* and

Gymnema latifolia are recorded for A & N Islands.

VASUDEVA ROA, M. K

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V. PTERIDOPHYTES

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Notes on some little known ferns of Andaman and Nicobar Islands. *Bull. Bot. Surv. India* 22 : 136-140. 1980-1982. 16 new records for India, 1 new comb., 1 new variety.

——— AND R.D. DIXIT

Cyathea nicobarica A new species of tree fern from Nicobar Islands, India. *Indian. J. For.* 10 : 43-45. 1987. Great Nicobar & Katchal.

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Systematic studies on the family Davalliaceae Mett. ex Frank in India- *Hunata* Cav. *J. Econ. Tax. Bot.* 15 : 109-120. 1991. Key to 5 genera of

Davalliaceae and taxonomic data on 5 species of the genus *Humata* Cav.

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Pteridophytic Flora of India : Rare and endangered elements and their conservation.

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Seven new records of ferns from Andaman & Nicobar Islands. *Bull. Bot. Surv. India* 24 : 207-208. 1982-1983.

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Tree Ferns-An urgent need of Conservation. *Indian Fern J.* 3 : 42-45. 1986. Notes on 12 species of tree ferns occurring in India.

——— AND N.P. BALAKRISHNAN

Pronephrium nakaikium — A new species of fern from Nicobar Islands. *Indian Fern J.* 7 : 1-4. 1990.

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Phytogeographic analysis of the endemic pteridophytes of India : Conservation priorities. *Indian Fern J.* 7 : 49-53. 1990.

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Pronephrium cuspidatum (Bl.) Holtt. — New to India from Nicobar Islands with notes on confused related taxa. *Bull. Bot. Surv. India* 31 : 126-129. 1989-1992. Previously known from Malesia, Solomon Islands, Ryaku Islands and Taiwan.

———, A. DUTTA AND R.K. GHOSE

Luerssenia Kuhn — A new generic fern record from the Nicobar Islands, India. *Bull. Bot. Surv. India* 32 : 178. 1992. *L. kehdingiana* previously known from Western Sumatra and now from Great Nicobar.

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Lindsaea parasitica (Roxb. ex. Griff.) Hieron-A fern new to India. *Bull. Bot. Surv. India* 20 : 186-187. 1978-1979. Recorded from Great Nicobar Island, earlier known from Malay Peninsula, Malay Islands & Polynesia.

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Lindsaea gueriniana (Gaud.) Desv. — A fern new to India. *Indian J. For.* 4 : 155-156. 1981. Recorded from South Andamans, earlier known from Malaysian Islands.

——— AND ———

Notes on the genus *Lindsaea* Dryand. ex Smith-A classification and three new records. *Bull. Bot. Surv. India* 24 : 165-170. 1982-1983. *L. malayensis* Holtt. is new to India from Great Nicobar Islands known earlier from Malay peninsula, Malesia.

——— AND ———

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ACKNOWLEDGEMENTS

The authors express their deep sense of gratitude to the Director, Botanical Survey of India, Calcutta for providing facilities ; Shri K.C. Malick, Ex-Scientist 'SE' , Botanical Survey of India, Central National Herbarium, Howrah, for kindly initiating this work while he was at Port Blair and Shri A. Sexena, Deputy Conservator of Forests (Wildlife), Port Blair for supplying some literature.