

TYPE COLLECTIONS IN THE  
CENTRAL NATIONAL HERBARIUM

VOLUME 2

U. P. SAMADDAR



BOTANICAL SURVEY OF INDIA

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## AUTHOR'S NOTE

This second attempt in the series on the enumeration of Type Collections in the Central National Herbarium (CAL) forms yet another significant contribution in the pursuit of developing a National Data Base as envisaged in the review of the functions and organisation of the Botanical Survey of India.

The progress of the scientific activity of floristic survey in the Indian Subcontinent revealed an increase in finding of new species, sub-species and varieties in addition to the vast collections made earlier and deposited in CAL. In the present book Types of both Cryptogams and Angiosperms are enlisted. The information here are supplemented with nomenclature, synonyms, references, localities, altitudes, collection dates, and numbers which forms this treatise.

Apart from new species, sub-species and varieties, the plant genera (Angiosperms) new to science included here (inter alia) are : *Asraoa*, *Eskemukerjea*, *Kanjarum*, *Kurziodendron*, *Neodriessenia*, *Parakaempferia*, *Pauella*, *Pseudodissochaeta*, *Janakia* and *Santapaua*.

New taxa of cryptogams described (inter alia) include-mosses : *Andreaea kashyapii*, *Hydrogonium mussoorianum*, *Habrodon kashmiriensis*, *Plagiothecium dehradunense*, *Lescurea darjeelingensis*, *Haplocladium microphyllum* ssp. *capillatum* var. *bhutanicum*, *Hygrohypnum nairii*, *H. choprae*, *Brachythecium chakratense*, *B. garhwalense*, *Pseudoleskea laevifolia* var. *vasudharensis*, *Thuidium contortulum* var. *mussoriensis*, *T. squarrosulum* var. *scabrisetum* and *Rhynchostegium calderii* ; Pteridophytes: *Polysticum levingi*, *P. lanatum* var. *bifurcatum*, *Thelypteris multilineata* var. *bhutanica*, *Plagiogyria meghalayensis*, *P. elongata*, *Pteris silent-valleyensis*, *Elaphoglossum jowaiense*, *E. cherapunjii*, *E. thomsonii*, *E. prainii* and *E. simonsianum*; Lichens: *Graphina darjeelingensis* and *G. awasthii*.

Among the names of the botanists mentioned in this book for their valuable contribution in discovering new taxa are Nair, Vohra, Panigrahi, Dixit, Ghosh, Roy Chowdhury, Nayar, Jain, Deb, Thothathri, Majumdar, Babu, Rakshit, Bhattacharyya, Mukerjee, Subbarao, Banerjee, T. Chakraborty, H. Chakraborty, Malick, Shetty, Sivarajan, Santapau, Rhaghavan, Joseph, Ansari, Basappa, Muniyamma, Ellis, Rolla Rao, Henry, Billore, Hajra, Ramamurthy, A. S. Rao, Sastry, Balakrishnan, Subramaniam, Chandrasekharan, Sanjappa, Purohit, Vasudeva Rao, Sur, Gangopadhyay, Giri, Maiti, Dutta, T. Paul, Singh, etc.

Types of some species described earlier by workers like J. D. Hooker, Watt, Roxburgh, King, Kurz, Clarke, Sprengel, D. Don, O. Kuntze, Gage, Edgeworth, Mattfield, Prain, Thwaites, C. de Candolle, A. de Candolle, Hoogland, Wright, Koehne and Stapf are also included.

The vast collections in the Central National Herbarium (CAL) represent the Flora of India and many other countries of the world. This priceless botanical treasure plays a valuable role in teaching and research activity in the country in identifying botanical specimens and in the efforts of revisionary accounts of Indian plants with the help of its authentic materials.

It is further hoped that this attempt to enlist the Type collections for building the National Data Base on the Flora of India also helps in effective and speedy progress on the taxonomic revisions of the different flowering plant families being worked out in the Botanical Survey of India.

I consider it is a great privilege to record my indebtedness to Dr. M. P. Nayar former Director, BSI, for his suggestions and constant advice. In the preface to the earlier publication on the Type Collections in *CAL* his emphasis on the urgency of listing all the type materials gave boost to the author in continuing the work. I am grateful to Dr. B. D. Sharma, the present Director of the institution for his supervising the work. I thank Shri A. R. K. Sastry, Scientist SE, In-charge, Publication Section, Shri S. C. Pal, Publication Officer, Shri Pankaj Kr. Dutta, Shri Haramohon Mukherjee, Shri Samiran Roy of Publication Unit for speedy completion of the work and Shri Swapan Kumar Das for rendering help with typing the manuscript.

## Type Collections in the Central National Herbarium

**Abelmoschus tuberculatus** Pal et Singh var. **deltoideifolius** Paul et Nayar (Malvaceae).

Bull. Bot. Surv. India 24(1-4) : 215. 1982 (1983); Fasc. Fl. Ind. 19 : 79. 1988.

**Holotype** : India : Rajasthan: Jhalawar, Sept. 19, 1964, *B. M. Wadhwa et D. M. Verma* 7581.

**Paratype** : Ibid., Sept. 21, 1964, *B. M. Wadhwa et D. M. Verma* 7524.

**Abutilon neelgherrense** Munro ex Wt. var. **fischeri** T. K. Pal et Nayar (Malvaceae).

Bull. Bot. Surv. India 25 (1-4): 183-184. 1983 (1985); Fasc. Fl. Ind. 19 : 90. 1988.

**Holotype** : India : Tamil Nadu : Coonoor river beach, Coimbatore Dist., 12000 ft. (363 m), Jan. 10, 1910, *C. E. C. Fischer* 1581.

**A. ranadei** Woodr. et Stapf (Malvaceae).

Kew Bull. 99. 1894 ; Fasc. Fl. Ind. 19: 95. 1988.

**Isotype** : India : Maharashtra : Ratnagiri, Ambaghat, *N. B. Ranade s. n.*

**Acer acuminatum** Wallich ex D. Don (Aceraceae).

Prodr. Fl. Nepal 249. 1825 ; Fasc. Fl. Ind. 9 : 4. 1982.

**Type** : India : Kashmir, *Wallich* 1225 *p. p.*

**A. caesium** Wallich ex Brandis (Aceraceae).

For. Fl. N. W. & C. Ind. III. tab. 21. 1874 non *A. caesium* (Reinward ex Bl.) Kostermans 1965 ; Fasc. Fl. Ind. 9 : 4. 1982.

**Type** : N. W. Himalaya : 7-10,000 ft., *Thomas, Thomson s. n.*

**A. campbellii** Hooker f. & Thomson ex Hiern var. **campbellii** (Aceraceae).

Hook. f. Fl. Brit. Ind. 1 : 696. 1875 ; Fasc. Fl. Ind. 9 : 5. 1982.

**Type** : Sikkim Himalaya : *Griffith* 926.

**A. campbellii** Hooker f. & Thomson ex Hiern var. **serratifolium** Banerji (Aceraceae).

J. Bombay Nat. Hist. Soc. 58(1) : 306. 1961; Fasc. Fl. Ind. 9 : 6. 1982.

**Type** : India : Sikkim, *J. H. Lace* 2250.

**A. caudatum** Wallich (Aceraceae).

Pl. Asiat. Rar. 2 : 4. 1830 & 2 : 28. t. 132. 1831; Fasc. Fl. Ind. 9 : 8. 1982.

**Type** : Kashmir : *Wallich* 1225 *p.p.*

- Acer hookeri** Miquel var. **hookeri** (Aceraceae).  
Arch. Neerl. Sci. Nat. 2 : 471. 1852; Fasc. Fl. Ind. 9 : 9. 1982.  
Type : Sikkim : 8-10,000 ft., *Hooker* 3.
- A. hookeri** Miquel var. **majus** Pax (Aceraceae).  
Bot. Jahrb. 7 : 216. 1886; Fasc. Fl. Ind. 9 : 10. 1982.  
Type : India : Sikkim : Rirhi to Rinchinpong, 2-5000 ft., Oct. 1, 1862, *Anderson* 407.
- A. laevigatum** Wallich (Wall. Cat. No. 1223. 1829 *nom. nud.*) (Aceraceae).  
Pl. Asiat. Rar. 2 : 3-4. t. 104. 182. 1830 ; Fasc. Fl. Ind. 9 : 10. 1982.  
Type : Nepal : *Wallich* 1223.
- A. oblongum** Wallich ex DC. var. **oblongum** (Aceraceae).  
Prodr. 1 : 593. 1824 ; Fasc. Fl. Ind. 9 : 12. 1982.  
Type : Nepal : *Wallich* 1222.
- A. oblongum** Wallich ex DC. var. **membranaceum** Banerji (Aceraceae).  
Phytologia 9(5) : 265-266. 1963 ; Fasc. Fl. Ind. 9 : 14. 1982.  
Type : India : Uttar Pradesh : Mussoorie, Jharipani, March 29, 1957, *Banerji s. n.*
- A. oblongum** Wallich ex DC. var. **microcarpum** Hiern (Aceraceae).  
Hook. f. Fl. Brit. Ind. 1 : 693. 1875; Fasc. Fl. Ind. 9 : 12. 1982.  
Type : India : Arunachal Pradesh, *Griffith* 935.
- A. osmastonii** Gamble (Aceraceae).  
Bull. Misc. Inform. Roy. Bot. Gard. Kew. 446. 1908; emend Delendick  
in Brittonia 30(4) : 473-476. 1978 ; Fasc. Fl. Ind. 9 : 14. 1982.  
Type : India : W. Bengal : Darjeeling, Salombong, Oct. 27, 1903, *B. B. Osmaston s. n.*
- A. pectinatum** Wallich (Wall. Cat. No. 1226. 1829. *nom. nud.*) (Aceraceae).  
Nicholson in Gard. Chron. 1881(1) : 365. t. 69. 1881 *nom. Illegit.*  
ex Pax in Bot. Jahrb. 7 : 249. 1886; Fasc. Fl. Ind. 9 : 15. 1982.  
Type : Nepal : Gossain Than on the Himalayas, Aug. 1821, *Wallich* 1226.
- A. pentapomicum** J. L. Stewart ex Brandis (Aceraceae).  
For. Fl. N. W. & C. Ind. 111. 1874; Fasc. Fl. Ind. 9 : 15. 1982.  
Syntypes : Jhelum Valley: 3-5000 ft., *J. L. Stewart* 648; Hazara,  
Khajan Valley, 4-5000 ft., *J. L. Stewart* 541, 542.



**Acer sikkimense** Miquel var. **sikkimense** (Aceraceae).

Arch. Neerl. Sci. Nat. 2 : 471. 1852 ; Fasc. Fl. Ind. 9 : 16. 1982.

Type : India : Sikkim, 7-9000 ft., *Hooker* 4.**A. sikkimense** Miquel var. **serrulatum** Pax (Aceraceae).

Bot. Jahrb. 7 : 215. 1886; Fasc. Fl. Ind. 9 : 16. 1982.

Type : India : Arunachal Pradesh: Mishmee Hills, *Griffith* 936.**A. stachyophyllum** Hiern (Aceraceae).

Hook. f. Fl. Brit. Ind. 1: 694. 1875 ; Fasc. Fl. Ind. 9 : 16. 1982.

Type : India : Sikkim, 9000 ft., *Hooker* 5.**A. sterculiaceum** Wallich (Wall. Cat. No. 1224. 1829. *nom. nud.*)  
(Aceraceae).

Pl. Asiat. Rar. 2 : 3. t. 105. 1830 ; Fasc. Fl. Ind. 9 : 17. 1982.

Type : Nepal: 1921, *Wallich* 1224.**A. thomsonii** Miquel (Aceraceae).

Arch. Neerl. Sci. Nat. 2 : 470. 1867 ("Thomsonii") ; Fasc. Fl. Ind. 9 : 18. 1982.

Type : India : Sikkim, *Thomson s. n.***Aconitum gammiei** Stapf (Ranunculaceae).

Kew Bull. 1907 : 56.

Holotype : India : Sikkim Himalaya, Chola Range, 12500 ft., Sept. 27, 1892, Fls. Blue, *G. A. Gammie* 1310, Acc. No. 7853.**Aconogonum kuttiense** Maiti, Dutta and Babu (Polygonaceae).

J. Bombay Nat. Hist. Soc. 77(2) : 303. 1980.

Holotype : India : Uttar Pradesh : Kutti, Sept. 22, 1968, *R. M. Dutta* 277A.Isotype : Ibid., *R. M. Dutta* 277B.Paratypes : Ibid., 14-15000 ft., July 31, 1886, *J. F. Duthie* 5929; Kutti Valley, way to Samzurkchan Glacier, 3 km from Kutti village, C. 4000 m, Oct. 24, 1976, *G. G. Maiti* 790.**A. pangianum** Pal et Maiti (Polygonaceae).

Bull. Bot. Surv. India 26 (1 &amp; 2) : 95. 1984 (1985).

Holotype : India : Arunachal Pradesh : Subansiri Dist., Pange, 3000 m, April 19, 1980, *G. D. Pal* 77734.Isotype : *G. D. Pal* 77734,

**Acroblastum ambavanense** Reddi (Balanophoraceae).

Willdenowia 5 : 389. 1969.

**Holotype** : India : Maharashtra : Poona Dist., in the Kate pani forest near Ambavane village, on the Western Ghats, 1050 m, growing on the hill slopes on the roots of *Carissa congesta* Wight and among bushes of *Carvia callosa* (Nees) Brem, Oct. 26, 1964, Reddi 99494a.

**Acronema johrianum** Babu (Apiaceae).

Brittonia 25 : 159-161. 1973.

**Holotype** : Nepal : Ghopte, Gosainthan, 4290 m, flowers white, open place, Sept. 9, 1965, Shrestha & Sakya 3740.

**Actinocarya acaulis** (W. W. Smith) I. M. Johnston (Boraginaceae).

Journ. Arnold Arb. 21 : 53. 1940 ; Ibid., 52 : 354. 1971.

**Holotype** : India : Sikkim : Naku La, Llonakh, top of Pass, 17,500 ft., Aug. 3, 1909, Smith & Cave 2811.

**Adiantum indicum** Ghatak (Adiantaceae).

Bull. Bot. Surv. India 5(1) : 71. 1963.

**Holotype** : India : W. Bengal: Belgharia, a suburb of Calcutta (22°34'N, 88°22'E), 9 m, March 11, 1957, J. Ghatak J. 301.

**A. malesianum** Ghatak (Adiantaceae).

Bull. Bot. Surv. India 5(1) : 73. 1963.

**Holotype** : Malaya Peninsula, Oct. 4, 1958, J. Ghatak J 350.

**A. ramyam** Nayar et Geevarghese (Adiantaceae).

Bull. Bot. Surv. India 28 : 133. 1986 (1988).

**Type** : South India : Vellamunda (Wynad), Feb. 14, 1982, B. K. Nayar et P. V. Madhusudan K 11637.

**Adinandra gallatlyii** Paul (Theaceae).

Ind. J. For. 2(1) : 20. 1979.

**Holotype** : Burma : 1877, Geo. Gallatly 671A.

**Isotypes** : Ibid., Geo. Gallatly 671B-C.

**Agapetes subansirica** Pal et Thoth. (Vaccinaceae).

Bull. Bot. Surv. India 26(3 & 4) : 239. 1984 (1986).

**Holotype** : India : Arunachal Pradesh : Subansiri Dist., Begi, 190 m, April 24, 1980, G. D. Pal 78214.

**Agrostis munroana** Aitch. et Hemsley ssp. **indica** Sunanda Bhattacharya et Jain (Poaceae).

Bull. Bot. Surv. India 25(1-4) : 205. 1983 (1985).

**Holotype** : India, Himachal Pradesh: Karcham-Brue road, nearly 2 km from Baspa Valley, Aug. 27, 1973, *Janardhanan* 52862A.

**Paratypes** : India : Jammu & Kashmir: Gulmarg, 3000 m, Aug. 18, 1958, *Nanda* 1599 ; Sangam Valley above Liddarwat 3500-4000 m, Aug. 10, 1893, *Duthie* 13535 ; Yamhara Pass, 4000-4300 m, Aug. 13, 1893, *Duthie* 13582; Himachal Pradesh: Chamba, 3200 m, Nov. 9, 1898, *Lace* 1856; Uttar Pradesh: Kumaon, Dhauri Valley, 2500-3000 m, Aug. 7, 1886, *Duthie* 6231.

**A. tungnathii** Sunanda Bhattacharya et Jain (Poaceae).

Bull. Bot. Surv. India 25(1-4) : 204. 1983 (1985).

**Holotype** : India : Uttar Pradesh: Chamoli, on way to Tungnath, 4000 m, Aug. 29, 1978, *Bhattacharya* 1524A.

**Agrostistachys hookeri** (Thw.) Benth. (Euphorbiaceae).

Benth. & Hook. f. Gen. Pl. 3 : 303. 1880; J. Bombay Nat. Hist. Soc. 67(2) : 305. 1970.

*Sarcoclinium hookeri* Thw.

Enum. Pl. Zeyl. 4 : 279. 1861.

**Type** : Ceylon: *Thwaites* C. P. 3429 ABC.

**A. indica** Dalzel var. **longifolia** Muell.-Arg. (Euphorbiaceae).

DC. Prodr. 15(2) : 726. 1866; J. Bombay Nat. Hist. Soc. 67(2) : 303. 1970.

*A. longifolia* (Muell.-Arg.) Kurz

Prelim. Rep. Veg. Pegu, App. A : 111. APP. B : 79. 1875.

*A. gaudichaudii* Hook. f.

Fl. Brit. Ind. 5 : 406. 1887.

*A. indica* ssp. *longifolia* (Muell.-Arg.) Pax & Hoffm.

Engl. Pflanz. 57 : 107. 1912.

**Type** : Burma : Tenasserim, *Helper* 4921.

**A. meeboldii** Pax & Hoffm. (Euphorbiaceae).

Engl. Pflanz. 57 : 100. 1912 ; J. Bombay Nat. Hist. Soc. 67(2) : 304. 1970.

*Sarcoclinium longifolium* Wight

Ic. Pl. Ind. Or. 5 : 24. t. 1887-1888. 1852.

*A. longifolia* (Wight) Benth. ex Hook. f.

Fl. Brit. Ind. 5 : 407. 1887 (non Kurz 1875).

**Type** : Tamil Nadu : Courtallam, *Wight* 2612.

- Aithyrium andersoni** (C. B. Clarke) Panigrahi et S. K. Basu (Aithyraceae).  
Proc. 72nd Session; Ind. Sci. Cong. Lucknow, Sec. Botany, Abst.:  
14. 1985; Bull. Bot. Surv. India 27(1-4) : 115. 1985 (1987).  
*Asplenium andersonii* Clarke  
J. Linn. Soc. 15 : 154. 1876. P. P. excl. var.  
**Syntypes** : Sikkim : 1862, *Anderson* 73, 1511.
- Alysicarpus roxburghianus** Thoth. et Pramanik (Fabaceae).  
Bull. Bot. Surv. India 21 : 189. 1979 (1981).  
**Holotype** : India : Shevaroi Hills, *Perrottet* 272A.  
**Isotypes** : *Perrottet* 272 B & C.
- A. vasavadae** Hemadri (Fabaceae).  
Indian For. 97(1) : 65-67. 1971.  
**Holotype** : India : Maharashtra : on the open slopes of Shivneri Hill,  
Junnar, Poona, Nov. 1, 1964, *Hemadri* 104350A.  
**Isotype** : *Hemadri* 104350F.
- Anaphalis cavei** Chatterjee (Compositae).  
Bull. Bot. Soc. Beng. 3(1) : 17. 1949.  
**Isotype** : India : Sikkim : Naku Chu, 5300 m, Sept. 25, 1915, *G. H. Cave*  
1486.
- Andreaea kashyapii** Dix. ex Vohra et Wadhwa (Andreaeaceae).  
Bull. Bot. Surv. India 6 : 321. 1964 (1965).  
**Isotype** : Western Tibet : Manasarowar, July 18, 1926, *Kashyap s. n.*
- Andrographis nallamalayana** Ellis (Acanthaceae).  
Bull. Bot. Surv. India 8 : 362. 1966 (1967).  
**Holotype** : India : Andhra Pradesh : Ahobilam, Nallamalais, Karnool  
Dist., Aug. 29, 1965, *Ellis* 25546A.
- A. neesiana** Wt. var. **rotundifolia** Sreem. (Acanthaceae).  
Bull. Bot. Surv. India 8 : 91. 1966 (1967).  
**Holotype** : India : Tamil Nadu : Boluvampatti Hills, Coimbatore  
Dist., 1100 m, Sept. 24, 1963, *Sreemadhavan* 862A.
- Aneilema glanduliferum** Joseph et Rolla Rao (Commelinaceae).  
J. Indian bot. Soc. 47(3-4) : 367. 1969.  
**Holotype** : India : Arunachal Pradesh : (NEFA), Tipi, North Bha-  
lukpong, 1250 m, on way to Krishna, along wet rocky slopes near  
bank of river Bharali, Kameng Dist., 92°38'E., 27°1'N., Sept. 10, 1964,  
*Joseph* 39707A.

**Anemone raii** Goel et Bhattach. (Ranunculaceae).

J. Bombay Nat. Hist. Soc. 79(3) : 641. 1983.

**Holotype** : India : Uttar Pradesh : Tehri Dist., Gangi, open grassy slopes, 3000 m, Aug. 12, 1978, *A. K. Goel* 64419.

**Angelica sikkimensis** (Clarke) P. K. Mukh. (Umbelliferae).

Bull. Bot. Surv. India 24 (1-4) : 43. 1982 (1983).

*Peucedanum sikkimensis* Clarke

Hook. f. Fl. Brit. Ind. 2 : 710. 1879.

**Syntypes** : Sikkim : Lingdam, 12. 10. 70, *C. B. Clarke* 13065 H; Rishee, 5.10.75, *C. B. Clarke* 244987B.

**Anisadenia pubescens** Griff. (Linaceae).

Itin. Notes 54. 1848; Fasc. Fl. Ind. 13 : 2. 1983.

**Type** : India : Meghalaya : Khasia, Herb. *Griffith s. n.*

**A. sextilis** Wall. ex Meissn. (Linaceae).

Pl. Vasc. Gen. Comment. 96. 1838; Fasc. Fl. Ind. 13 : 3. 1983.

**Type** : Sheopone, Aug. 1821.

**Anoetangium kashmiriense** Aziz & Vohra (Pottiaceae).

Bull. Bot. Surv. India 25 (1-4) : 239-240. 1983 (1985).

**Holotype** : India : Kashmir : Masjid Valley, July 25, 1892, *Duthie* 14398.

**Anoetochilus nicobaricus** Balak. et Chakrab. (Orchidaceae).

Bull. Bot. Surv. India 20 : 80. 1978 (1979).

**Holotype** : India : Great Nicobar Island, 6 km on East-West Road, Shaded places in inland forests, Dec. 1, 1975, in flower, *P. Chakraborty* 3226A.

**Anthoxanthum borii** Jain et D. C. Pal (Poaceae).

J. Bombay Nat. Hist. Soc. 72(1) : 90. 1975.

**Holotype** : India : Tamil Nadu : Palnis, Pambar stream near Shenthadikana Dec. 6, 1898, *Bourne* 1954.

**A. hookeri** (Griseb.) Rendle (Poaceae).

J. Linn. Soc. (Bot.) 36 : 380. 1904 ; J. Bombay Nat. Hist. Soc. 72(1) : 94. 1975.

*Hierochloe hookeri* (Griseb.) Clarke ex Hook. f. Fl. Brit. Ind. 7 : 223. 1896.

**Type** : India : Sikkim, 2700-3600 m, *J. D. Hooker s. n.*

**Anthoxanthum sikkimense** (Maxim.) Ohwi (Poaceae).

Bull. Tokyo Sci. Mus. 18 : 8. 1947; J. Bombay Nat. Hist. Soc. 72(1) : 95. 1975.

*Hierochloe gracillima* Hook. f.

Fl. Brit. Ind. 7 : 223. 1896; Bor. 166. 1940.

**Type** : India : Sikkim, 3300-3600 m, *J. D. Hooker s. n.*

**Antistrophe caudata** King et Gamble (Myrsinaceae).

J. Asiat. Soc. Beng. 74 (Part II) : 154. 1906; Bull. Bot. Surv. India 18(1-4) : 83. 1976 (1979).

**Isosyntypes** : Malaya : Perak : Gunong Batu Pateh, 1050 m, *Wray* 456; *Wray* 3242.

**A. oxyantha** (Wall. ex A. DC.) A. DC. (Myrsinaceae).

Ann. Sci. Nat. 2. ser., 16 : 84. 1841 et in DC., Prodr. 8 : 92. 1844; Bull. Bot. Surv. India 18(1-4) : 81. 1976 (1979).

**Isotype** : Bangladesh : Silhet, *Wallich* 2275.

**A. oxyantha** (Wall. ex DC.) DC. var. **bhutanica** Nayar et Giri (Myrsinaceae).

Bull. Bot. Surv. India 18(1-4) : 81. 1976 (1979).

**Holotype** : Bhutan, alt. 1100 m, *King s. n.*

**A. solanoides** (King et Gamble) Nayar et Giri (Myrsinaceae).

Bull. Bot. Surv. India 18(1-4) : 83. 1976 (1979).

**Isotype** : Malaya : Perak, Larut, 150-250 m, *King's Collector* 4254.

**Apama barberi** Gamble (Aristolochiaceae).

Kew Bull. 1924 : 386. 1924 et Fl. Pres. Madras 2: 840. 1957 (Repr. ed.); Bull. Bot. Surv. India 12(1-4) : 1. 1970 (1972).

**Type** : Tamil Nadu : Tirunelveli, Kannikatti, May 1901, *C. A. Barber* 3093.

**Apluda blatteri** Sur. (Poaceae).

Bull. Bot. Surv. India 28 : 193. 1986 (1988).

**Holotype** : India : Rajasthan : Mount Abu, Oct. 13, 1916, *Father E. Blatter* 2594.

**Aponogeton satarensis** Sundararaghavan, Kulkarni & Yadav (Aponogetonaceae).

Kew Bull. 36(4) : 687. 1982.

**Holotype** : India : Maharashtra : Satara Dist., Mavashi Plateau, 1200 m, *S. R. Jadav* Y-15.

**Aporusa acuminata** Thw. (Euphorbiaceae).

Enum. Pl. Zeyl.: 288 (1861); Bull. Bot. Surv. India 26 : 42. 1984 (1985).

**Type** : Sri Lanka : Ambagamowa Dist., near Balangodde, 610-915 m, *Thwaites* C. P, 2530.

**A. dioica** (Roxb.) Muell.-Arg. (Euphorbiaceae).

DC. Prodr. 15(2) 472 (1866); Bull. Bot. Surv. India 26 : 43. 1984 (1985).

*Alnus dioica* Roxb.

Fl. Ind. 3 : 580 (1832).

*Icono-type* : Roxb. I. C. t. 2378.

*A. villosula* Kurz

For. Fl. 2 : 362 (1877).

**Syntype** : S. Andaman, N. Corbyn's cove, *Kurz s. n.*

**A. fusiformis** Thw. (Euphorbiaceae).

Enum. Pl. Zeyl. : 288 (1861); Bull. Bot. Surv. India 26 : 42. 1984 (1985).

**Type** : Sri Lanka : Central Province, 1220-1830 m, *Thwaites* C. P. 30.

**A. latifolia** Thw. (Euphorbiaceae).

Enum. Pl. Zeyl. : 288 (1861); Bull. Bot. Surv. India 26 : 42. 1984 (1985).

*Agyneia latifolia* Moon.

Cat. Ceyl. Pl. : 65 (1824), *nom. invalid, sans descript.*

**Type** : Sri Lanka : *Thwaites* C. P. 3433.

**A. villosa** (Lindl.) Baill. (Euphorbiaceae).

Et. Gen. Euphorb : 645 (1858); Bull. Bot. Surv. India 26 : 45. 1984 (1985).

*A. glabrifolia* Kurz

J. Bot. 4 : 330 (1875); Fl. Brit. Ind. 5 : 349. 1887.

**Type** : Nicobar Islands: Kamorta, tropical forest, Feb. 1875, *Kurz s. n.* (3 sheets).

**A. wallichii** Hook. f. (Euphorbiaceae).

Fl. Brit. Ind. 5 : 350. 1887; Bull. Bot. Surv. India 26 : 44. 1984 (1985).

**Isolectotype** : Wall. Num. List No. 8019.

**Ardisia dawnensis** Nayar et Giri (Myrsinaceae).

Bull. Bot. Surv. India 27 (1-4) : 222-224. 1985 (1987).

**Holotype** : Burma : Below Mulai-yit peak, Dawna Range, Amherst Dist., Jan. 27, 1912, 3500-6000 ft. (900-1825 m), *J. H. Luce* 5624.

**Ardisia meghalayensis** Nayar et Giri (Myrsinaceae).

J. Bombay Nat. Hist. Soc. 72(3) : 825. 1975.

**Holotype** : India : Meghalaya : Jaintea Hills. J/M No. 903, CNH Acc. No. 279310.**A. neglecta** Nayar et Giri (Myrsinaceae).

J. Econ. Tax. Bot. 3(1) : 281. 1982.

**Holotype** : Burma : Tenasserim : Rocky River Bank, 126 miles down from Tavoy, March 1885, *Dr. King's Collector* 115.**A. russellii** Nayar et Giri (Myrsinaceae).

J. Econ. Tax. Bot. 3(1) : 281. 1982.

**Holotype** : Burma : Tavoy, Heinze head waters, 608 m, Nov. 25, '21, *P. T. Russell* 2211A.**Isotypes** : Ibid., *P. T. Russell*, 2211 B-E.**Paratype** : Tavoy, headstream, The Ta aingya chaung, 550 m, Feb. 5, 1919, *A. T. Gage* 48.**Arenaria bhutanica** Majumdar & Babu (Caryophyllaceae).

J. Arn. Arb. 50 : 626-628. 1969.

**Holotype and Isotype** : Bhutan : Chila, on way to Paro, 3630-4125 m, Aug. 24, 1963, *G. Sengupta* 721.**A. curvifolia** Majumdar (Caryophyllaceae).

Blumea 26(2) : 446. 1980.

**Holotype** : *J. E. Duthie* 3858A.**Argyreia arakuensis** Bal. (Convolvulaceae).

Bull. Bot. Surv. India 3 : 163. 1961 (1962).

**Holotype** : India : Andhra Pradesh : Araku Valley, Visakhapatnam, Dist., 800 m, Sept. 14, 1961, *Balakrishnan* 540A.**Isotypes** : *Balakrishnan* 540 B-F.**Arisaema caudatum** Engl. (Araceae).

DC. Monogr. Phan. 2 : 559, 1879. emend. descr. Rolla Rao et Ahuja; Bull. Bot. Surv. India 11 : 450. 1969 (1971).

**Neo-type** : India : Maharashtra : Panchgani Plateau near Mahabaleswar, *Ansari* 105095A.**A. setosum** A. S. Rao et D. M. Verma (Araceae).

Bull. Bot. Surv. India 11 : 196. 1969 (1971).

**Holotype** : India : Arunachal Pradesh : Sirang to Guizing, Siang Dist., Nov. 20. 1958, *R. S. Rao* 17907A, ♀



- Aristolochia gourigangaica** N. C. Nair (Aristolochiaceae).  
Bull. Bot. Surv. India 10 : 332. 1968 (1969).  
**Holotype** : India : Uttar Pradesh : Gouriganga Valley, 2800 m, May 4, 1965, at Radgadi (Near Munsiri), Kumaon Himalayas, *N. C. Nair* 35654.
- Artabotrys nicobarianus** D. Das (Annonaceae).  
Bull. Bot. Surv. India 11 : 194. 1969 (1971).  
**Holotype and Isotype** : India : Great Nicobar, from the forest from Galathea Bay to Pulobaha Bay, March 26, 1966, *K. Thothathri & S. P. Banerjee* 11524.
- Arthraxon deccanensis** Jain (Poaceae).  
J. Bombay Nat. Hist. Soc. 68(1) : 297-299. 1971.  
**Holotype** : India : Maharashtra : Sinhadgad, Poona Dist., Nov. 1956, *R. M. Patil* 7825.
- Arthraxon junnarensis** Jain et Hemadri (Poaceae).  
J. Bombay Nat. Hist. Soc. 68(1) : 300-301. 1971.  
**Holotype** : India : Maharashtra : Warsubai Plateau, 16 km, West of Junnar, Poona Dist., Oct. 6, 1965, *K. Hemadri* 106849 A/I.  
**Isotypes** : *K. Hemadri* 106849 A/II and A/III (Mounted on same sheet).
- Arthromeris jarrettii** Sastry et Chowdh. (Polypodiaceae).  
Bull. Bot. Surv. India 11 : 442. 1969 (1971).  
**Holotype** : India : Arunachal Pradesh : Amjee-Begi, Subansiri Dist., Nov. 30, 1964, *A. R. K. Sastry* 40966A.
- Arundinella kannanorica** V. J. Nair, P. V. Sreekumar and N. C. Nair (Gramineae).  
J. Bombay Nat. Hist. Soc. 80 (2) : 396. 1983.  
**Holotype** : India : Cannanore Dist., Bela (in Between Kumbala and Bedudka),  $\pm 100$  m, Nov. 23, 1981, *P. V. Sreekumar* 71822.
- A. setosa** Trin. var. **nilagiriana** Subba Rao et Kumari (Gramineae).  
J. Bombay Nat. Hist. Soc. 72(3) : 827. 1975.  
**Holotype** : India : Tamil Nadu : Near Koilbetta, Ebanad, Nilgiri Dist., 1850 m, Sept. 11, 1970, *Subba Rao et Kumari* 19795A.
- Asarum himalaicum** Hook. f. & Thoms. var. **bhutanicum** W. W. Smith (Aristolochiaceae).  
Rec. Bot. Surv. India 4 : 271. 1913; Bull. Bot. Soc. Beng. 19(1) : 37. 1965.  
**Type** : Bhutan, *White* 166.

**Asemanthia maingayi** (Hk. f.) Ridley var. **hirsuta** (King) A. K. Sinha et B. Mitra (Rubiaceae).

J. Bombay Nat. Hist. Soc. 78(2) : 427. 1981.

Syntypes : Perak, *King's Collector* 225; Malacca, *Derry* 253.

**A. maingayi** (Hk. f.). Ridley var. **montang** (Ridley) A. K. Sinha et B. Mitra (Rubiaceae).

J. Bombay Nat. Hist. Soc. 78(2) : 428. 1981.

Type : Malacca : Mount Ophir, Padang Batu, *Ridley* 3215.

**Aspidopterys balakrishnanii** Srivastava (Malpighiaceae).

J. Econ. Tax. Bot. 4(3) : 1003. 1983.

Holotype and Isotype : India : N. Bengal: (W. Duars), Lower Tendu forests, *Haines* 561.

**Asraoa triandra** J. Joseph (Arecaceae).

Bull. Bot. Surv. India 14 : 144. 1972 (1975).

Holotype : India : Arunachal Pradesh : Hayuliang, Lohit Dist., Sept. 25, 1969, *A. S. Rao* 48105A.

**Atalantia racemosa** Wight var. **bourdillonii** Narayanan et Nayar (Rutaceae).

Indian J. Forestry 13(1) : 69. 1990.

Holotype : India : Kerala : Calar toopurha, Quilon.

Dist., 60 m, Feb. 27, 1899, *V.F. Bourdillon* 160, Acc. No. 76452.

**Bambusa cacharensis** R. Majumdar (Gramineae).

Bull. Bot. Surv. India 25(1-4) : 237-238. 1983 (1985).

Holotype : India : Assam : Cachar, Lakhimpur, Mar Bastee, *Majumdar* 74265A.

**Begonia scutta** Wall. ex DC. (Begoniaceae).

Prod. 15(1) : 328. 1864; J. Econ. Tax. Bot. 13(1) : 247. 1989.

Type : Nepal : Gossiantham, 1821, *Wallich* 3986.

**Bhidea fischeri** P. V. Sreekumar & B. V. Shetty (Gramineae).

Kew Bull. 42(3) : 683. 1987.

Holotype : India: Kerala : Cannanore Dist., Mukkarikandam, ± 50 m, Oct. 18, 1981, *P. V. Sreekumar* 71754.

**Biermannia jainiana** Hedge et Nageswara Rao (Orchidaceae).

Bull. Bot. Surv. India 26(1-2) : 97. 1984 (1985).

Paratype : India : Arunachal Pradesh : West Kameng Dist., Sessa, 1100 m, May 11, 1982, *Hedge* 4194.

**Blastania fimbristipula** (Fenzl.) Kotschy & Peyr. (Cucurbitaceae).

Pl. Tinn. 15 : t. 7. 1865; Fasc. Fl. Ind. 11 : 12. 1982.

Type : Sudan : Nubia, *Kotschy* 205.

**Blumea venkataramanii** Rolla Rao et Hemadri (Asteraceae).

Curr. Sci. 42(19) : 693-694. 1973.

**Holotype** : India : Maharashtra : collected around cultivated fields near Vadgaon on Poona Bombay Road, Poona Dist., Dec. 12, 1968, *Hemadri* 118174A.

**Boehmeria tirapensis** Deb et Dutta (Urticaceae).

Indian For. 90(11) : 782. 1964.

**Holotype** : India : Tirap Frontier Division, Kothong, June 25, 1961, *Deb* 26081A.

**Boerreria eradii** N. Ravi (Rubiaceae).

J. Bombay Nat. Hist. Soc. 66(3) : 539. 1969.

**Paratypes** : India : Kerala : Punalur, June 20, 1968, *N. Ravi* 2372 B-D.

**Bolbitis nagalandense** R. R. Rao & N. S. Jamir (Lomariopsidaceae).

Reinwardtia 10(2) : 119. 1985.

**Holotype** : India : Nagaland : Changki, Mokokchung Dist., 1000 m, *Jamir* 7112.

**Bothriochola jainii** Despande et Hemadri (Poaceae).

Indian For. 97(10) : 593. 1971.

**Holotype** : India : Maharashtra : on the open top of Durga Kahilla,  $\pm$  1200 m, about 30 km west of Junnar, Poona Dist., Oct. 29, 1964, *Hemadri* 104241A.

**B. parameswaranii** Sreekumar, Malathi and Nair (Poaceae).

J. Bombay Nat. Hist. Soc. 85(1) : 163. 1988.

**Holotype** : India : Kerala : Iddukki, Eravikulam National Park,  $\pm$  2100 m, Feb. 14, 1981, *P. V. Sreekumar* 71858.

**Brachiaria brizantha** (Hochst. ex A. Rich.) Stapf var. **ciliata** Basappa et Muniyamma (Poaceae).

Proc. Indian Nation. Sci. Acad. B, 49(4) : 379. 1983.

**Holotype** : India : Karnataka : Dept. Garden, Manasagangotri, introduced (Fiji Origin, USDA, USA : 355712, Sept. 11, 1980, *Basappa et Muniyamma* 1004.

- Brachiaria chennaveeraiana** Basappa et Muniyamma (Poaceae).  
Proc. Indian Nation. Sci. Acad. B, 49(4) : 378. 1983.  
**Holotype** : Rajasthan : Near Gomukh, Mount Abu, Oct. 15, 1980,  
*Basappa & Muniyamma* 2195.
- B. cruciformis** (J. E. Smith) Grieb. var. **divaricata** Basappa et Muniyamma  
(Poaceae).  
Proc. Indian Nation. Sci. Acad. B, 49(4) : 379. 1983.  
**Holotype** : India : Karnataka : near Mysore, Bogadi, Aug. 12, 1979,  
*Basappa et Muniyamma* 1451.
- B. hybrida** Basappa et Muniyamma (Poaceae).  
Proc. Indian Nation. Sci. Acad. B, 49(4) : 379. 1983.  
**Holotype** : Karnataka : Dist. Shimoga, near tunga Dam, Gajanur,  
Sept. 10, 1979, *Basappa et Muniyamma* 2851.
- B. munaie** Basappa (Poaceae).  
Proc. Indian Acad. Sci. Pl. Sci. 93(1) : 53. 1984.  
**Holotype** : India : Tamil Nadu : Madurai, Madurai Kamraj University  
Campus, Dec. 20, 1979, *Basappa* 3001.
- B. ramosa** (L.) Stapf var. **pubescens** Basappa et Muniyamma (Poaceae).  
Proc. Indian Nation. Sci. Acad. B, 49(4) : 380. 1983.  
**Holotype** : India : Karnataka : Shimoga Dist., Benakanaholli, Aug.  
20, 1980, *Basappa et Muniyamma* 2171.
- B. reptans** (A.) Gard. et C. E. Hubb. var. **hispida** Basappa et Muniyamma  
(Poaceae).  
Proc. Indian Nation. Sci. Acad. B, 49(4) : 380. 1983.  
**Holotype** : India : Karnataka : Shimoga Dist., Govinakovi, Oct. 10,  
1980, *Basappa et Muniyamma* 2302.
- B. semiundulata** (Hochst.) Stapf var. **intermedia** Basappa et Muniyamma  
(Poaceae).  
Proc. Indian Nation. Sci. Acad. B, 49(4) : 380. 1983.  
**Holotype** : India : Karnataka : near Doopada Bore, Bedaguli, Aug. 8,  
1979, *Basappa et Muniyamma* 2602.
- B. semiundulata** (Hochst.) Stapf var. **lantana** Basappa et Muniyamma  
(Poaceae).  
Proc. Indian Nation. Sci. Acad. B, 49(4) : 380. 1983.  
**Holotype** : India : Karnataka : near Doopada Bore, Bedaguli,  
Mysore, Aug. 8, 1979, *Basappa et Muniyamma* 2603.

**Brachiaria setigera** (Retz.) C. E. Hubb. var. **albistyla** Basappa et Muniyamma (Poaceae).

Proc. Indian Nation. Sci. Acad. B, 49(4) : 380. 1983.

**Holotype** : India. Tamil Nadu : Coimbatore, Agricultural College Campus, Oct. 25, 1980, *Basappa et Muniyamma* 2716.

**B. stapfiana** Basappa et Muniyamma (Poaceae).

Indian Nation. Sci. Acad. B, 49(4) : 379. 1983.

**Holotype** : India : Karnataka : near Ugra Narasimha Temple, Hampi, Bellaey, *Basappa et Muniyamma* 2100.

**B. villosa** (Lamk.) A. Camus var. **glaberrima** Basappa et Muniyamma (Poaceae).

Proc. Indian Nation. Sci. Acad. B, 49(4) : 381. 1983.

**Holotype** : Near Monkey point, Kasauli, Siwalik Hill, Chandigarh, Nov. 26, 1981, *Basappa et Muniyamma* 2911.

**Brachystelma elenaduensis** M. B. S. Char (Asclepiadaceae).

Curr. Sci. 47 : 965. 1978.

**Holotype** : India : Karnataka : Tumkur Dist., Elenadu (altitude : of the village bench mark, 780, 33 m of the contour, 800 m), sandy grassy land, April 2, 1969, *M. B. S. Char* 1.

**Brachytheceium chakratense** Vohra (Brachytheceiaceae).

Bull. Bot. Surv. India 22 : 118. 1980 (1982).

**Holotype** : India : Garhwal, Churani to Chakrata, 2135 m, Mar. 25, 1963, *Vohra* 1804.

**Paratypes** : India : Himachal Pradesh : Nachar Bari Forest, 2135-2440 m, Oct. 11, 1960, *Vohra* 468, 486; Rainsukh, Jaunsar, Oct. 1894 (Present under the name *Brachytheceium emodi-glareosum* Broth.).

**B. garhwalense** Vohra (Brachytheceiaceae).

Bull. Bot. Surv. India 22 : 122. 1980 (1982).

**Holotype** : India : Jaunsar Bahar, Deoban, 2135-2440 m, Sept. 28, 1879, *Duthie* (Present under the name *Brachytheceium brachycladulum* C. Muell.

**Brachytome russellii** Deb & Gang. (Rubiaceae).

Candollea 42 : 353. 1987.

**Holotype** : Burma : Tavoy : Chaung, 1600 ft. (480 m), 19.3.1919, *P. T. Russell* 21.

**Paratype** : Valley of Talaingza, Chung, 1200 ft. (360 m), 8.4.1919, *P. T. Russell* 186.

**Brachytome scortechinii** King & Gamble (Rubiaceae).

J. Asiat. Soc. Beng. 72(4) : 198. 1903; Candollea 42 : 353. 1987.

**Isolectotype** : Perak (Two sheets).

**Paratypes** : Taiping, March 1884, *Scortechini* 14; Larut, 900-1015 m, July 1881, *King's Collector* 2136; April 1882, *King's Collector* 2930; Lower camp Gumong, Batu, Putch, 1020 m, *L. Wray* 950; *L. Wray* 2812; Perak, Maxwells Hill, *L. Wray* 2999.

**Brassaiopsis andamanica** R. N. Ban. (Araliaceae).

Indian For. 94(10) : 775-777. 1968.

**Holotype** : India : South Andaman black creek, *Kurz s. n.* Acc. No. 193177.

**Isotype** : Ibid., *S. Kurz* 193178.

**Brucea mollis** Wall. ex Kurz (Simaroubaceae).

J. Asiat. Soc. Beng. 42 : 64. 1873; Fasc. Fl. Ind. 4 : 9. 1980.

**Type** : Burma : Martaban, *Kurz* 2009.

**Bulbophyllum brachypodum** A. S. Rao et Balak. var. **parviflorum** A. S. Rao et Balak. (Orchidaceae).

Bull. Bot. Surv. India 10 : 350. 1968.

**Holotype** : Eastern Bhutan : Gumdrihang, 2000 m, March 16, 1965, flowered at National Orchidarium, Shillong, Aug. 23, 1965. *Balakrishnan* 43004A.

**B. leopardinum** Lindl. var. **tuberculatum** Balak. & Chowdhury (Orchidaceae).

Bull. Bot. Surv. India 9 : 90. 1967 (1968).

**Holotype** : Eastern Bhutan : Nyoth on tract between Shali and Tshiyangtsi (90°34'E & 27°32'N) 1800 m, March 13, 1965, collected in vegetative condition, flowered at Shillong on May 3, 1965, *Balakrishnan* 41971A.

**B. odoratissimum** Lindl. var. **racemosum** Balakrishnan (Orchidaceae).

J. Bombay Nat. Hist. Soc. 75(1) : 157. 1978.

**Holotype** : E. Bhutan : 1800 m, Oct. 24, 1965 (in Veg. condition), flowered at National Orchidarium, Shillong, Meghalaya State, in Pot No. 3614, *Balakrishnan* 43070A.

**B. reptans** (Lindl.) Lindl. var. **acuta** Malhotra et Balodi (Orchidaceae).

Bull. Bot. Surv. India 26 : 110. 1984 (1985).

**Holotype** : India : Uttar Pradesh : Gorapatta (Gori Valley), Pithoragarh, 1500 m, March 10, 1965, *M. A. Rao* 35340.

- Bupleurum andhricum** M. P. Nayar et R. N. Ban. (Umbelliferae).  
Bull. Bot. Surv. India 12 : 255. 1970 (1972).  
**Holotype** : India : Andhra Pradesh : Palakond, Godavari Dist., 762 m,  
Oct. 1, 1920, *V. Narayanaswami* 370A.
- Burmattia candelabrum** Gagnep. (Burmanniaceae).  
Bull. Soc. Bot. Fr. 54 : 462. 1907; Fasc. Fl. Ind. 19 : 7. 1988.  
*B. candida* Griff. ex Hook. f.  
Fl. Brit. Ind. 5 : 665. 1888. *p.p.*  
**Type** : East Bengal: *Griffith* 5598.
- B. championii** Thw. (Burmanniaceae).  
Enum. Pl. Zeyl. 325. 1864; Fasc. Fl. Ind. 19 : 9. 1988.  
**Isotype** : Ceylon (Sri Lanka) : *Thwaites* 2735.
- B. coelestis** D. Don (Burmanniaceae).  
Prodr. Fl. Nepal 44. 1825; Fasc. Fl. Ind. 19 : 9. 1988.  
**Type** : Nepal: *Wallich* 9005.
- B. nepalensis** (Miers) Hook. f. (Burmanniaceae).  
Fl. Brit. Ind. 5 : 666. 1888; Fasc. Fl. Ind. 19 : 12. 1988.  
*Cyanotis nepalensis* Miers et Wall.  
Wall. Cat. No. 9006. 1840, *nom. nud.*  
**Type** : Nepal: *Wallich* 9006.
- B. pusilla** (Wall. ex Miers) Thw. (Burmanniaceae).  
Enum. Pl. Zeyl. 325. 1864 Excl. var. B; Fasc. Fl. Ind. 19 : 13. 1988.  
**Type** : India : Concan, *Wallich* 9008.
- B. stricta** Jonkar (Burmanniaceae).  
Meded. Bot. Mus. Utrecht 51 : 156. 1938; Fasc. Fl. Ind. 19 : 14.  
1988.  
**Type** : India : Cochin, *Meebold* 12337.
- Calamus pseudofeanus** S. K. Basu (Palmae).  
J. Econ. Tax. Bot. 13(1) : 133. 1989.  
**Holotype** : India : Tamil Nadu: S. Coimbatore, 17.10.1905, DFO Reg  
23503, Acc. No. 494007.  
**Isotypes** : *Ibid.*, Acc. Nos., 493999, 494001, 94006.
- Callophyllum kunstleri** King (Guttiferae).  
J. Asiat. Soc. Beng. 59 : 174. 1891; Bull. Bot. Surv. India 2 : (1 & 2) :  
141. 1960.

- Callophyllum apetalum* Blanco.  
Fl. Filip. (ed. 2) 429. 1845; et (ed. 3) 415. 1879 (non Willd. 1811).  
*C. pulcherrimum* F. Vill.  
Novis. app. 17. 1880 (non Wall. 1828).  
Syntypes : Perak : Larut, *King's Collector* 5328, 5374, 5459.
- Callophyllum polyanthum* Wall. (Guttiferae).**  
Wall. Cat. 4844, 1828, nomen; Bull. Bot. Surv. India 2(1 & 2) : 144. 1960.  
Isotype : Bangladesh : Sylhet, *Wallich* 4844.
- C. trapezifolium* Thwaites (Guttiferae).**  
Enum. Pl. Zeyl. 51. 1858 ; Bull. Bot. Surv. India 2(1 & 2) : 144. 1960.  
Isotype : Ceylon : Hunasgiri Dist., Central Province, 4-5000 ft., *Thwaites* 2446.
- Camellia siangensis* T. K. Pal et Nayar (Theaceae).**  
Bull. Bot. Surv. India 27 (1-4) : 92. 1985 (1987).  
Holotype : India : Arunachal Pradesh : Siang F.D., Minguing-Takepokong, 1150-1775 m, Nov. 18, 1958, *R. S. Rao* 17781-A.  
Isotypes : Ibid., *R. S. Rao* 17781 B, C, D.
- Campanula wallichii* C. R. Babu (Campanulaceae).**  
J. Bombay Nat. Hist. Soc. 65(3) : 808. 1968.  
Isotype : *Wallich* 1289.
- C. wattiana* Nayar et Babu (Campanulaceae).**  
J. Indian Bot. Soc. 49(1-4) : 183. 1970 (1971).  
Holotype and Isotype : India : Jammu & Kashmir : Bagi, 2970 m, Sept. 23, 1888, *Watt* 8609.
- Cantathera lysipetala* F. v. Muell. (Melastomataceae).**  
Journ. Bot. 24 : 289. 1886; *Reinwardtia* 10 : 52. 1982.  
*Hederella lysipetala* (Muell.) Nayar  
Kew. Bull. 20 : 237. 1966.  
Isolectotype : New Guinea : Papua, Sogeri region, *Forbes* 419.  
*Medirilla anomala* Cogn.  
DC. Monogr. Phan. 7 : 1185. 1891.  
Isotype : Ibid., *Forbes* 451.
- Canthium andamanicum* Gang. et T. Chakrab. (Rubiaceae).**  
J. Econ. Tax. Bot. 13(1) : 85. 1989.  
Holotype : India : S. Andamans, April 1890, *King s. n.*



- Capparis acutifolia** Sweet ssp. **viminea** Jacobs (Capparaceae).  
Blumea 12(3) : 429. 1965.  
*C. viminea* Hook. f. & Th.  
Hook. f. Fl. Brit. Ind. 1 : 179 (1872).  
*C. membranifolia* Kurz  
J. Asiat. Soc. Beng. 42 ii (1874) 70.  
**Type** : *C. membranifolia* : Burma : Pegu, Kurz 1826.
- C. assamica** Hook. f. & Th. (Capparaceae).  
Hook. f. Fl. Brit. Ind. 1 : 177. 1872; Blumea 12(3) : 434. 1965.  
*C. gallatlyi* King  
Ann. Gard. Calc. 5(1896) 118. t. 133B.  
**Type** : *C. gallatlyi* : Burma : Tenasserim, Moolar Plain, 1877, *Gallatly* 880.
- C. burmanica** Coll. & Hemsl. (Capparaceae).  
J. Linn. Soc. Lond. Bot. 28(1890) 19. t. 2; Blumea 12(3) : 439. 1965.  
**Type** : Upper Burma : Shewenoungbu, fl., *Collet* 495.
- C. cucurbitina** King (Capparaceae).  
J. Asiat. Soc. Beng. 58. ii (1889) 395; Blumea 12(3) : 446. 1965.  
**Type** : Malesia : *King's Collector* 10027.
- C. flavicans** Kurz (Capparaceae).  
J. Asiat. Soc. Beng. 39. ii (1870) 62; Blumea 12(3) : 451. 1963.  
**Type** : Southwestern Siam : *Teijsmann* HB 5931.
- C. floribunda** Wight (Capparaceae).  
IC. Pl. Ind. Or. 2(1840) 35. t. 14; Blumea 12(3) : 453. 1965.  
*C. andamanica* King  
Ann. Gard. Calc. 5(1896) 119. t. 137.  
**Type** : *C. andamanica* : S. Andaman : January 1, 1892, *King's Collector s. n.*
- C. fusifera** Dunn (Capparaceae).  
Kew Bull. (1914) 377; Blumea 12(3) : 454. 1965.  
**Type** : S. India : Udumanparai, Anamalais, April 30, 1903, *Barbar* 5726.
- C. grandis** Linn. f. (Capparaceae).  
Suppl. (1781) 263; Blumea 12(3) : 456. 1965.  
*C. grandis* var. *auricans* Kurz  
J. Asiat. Soc. Beng. 43 ii (1874) 70,

- Capparis auricans* (Kurz) Craib.  
Kew Bull. (1922) 169.  
Type : Burma: Kurz 1827.
- Capparis nilgiriensis* Subba Rao, Kumari and Chandrasekaran (Capparaceae).  
J. Bombay Nat. Hist. Soc. 78(1) : 146. 1981.  
Holotype : India : Tamil Nadu : Chinnacoonoor, 950 m, March 16, 1972, Subba Rao 40259A.
- C. pachyphylla* Jacobs (Capparaceae).  
Blumea 12(3) : 476. 1965.  
Type : Kingdom-ward 11183.
- C. pubiflora* DC. (Capparaceae).  
Prod. 1(1824) 246; Blumea 12(3) : 479. 1965.  
*C. pubiflora* var. *perakensis* Scort. ex King  
J. Asiat. Soc. Beng. 58 ii (1889) 394.  
*C. perakensis* (Scort. ex King) Ridl.  
Fl. Mal. Pen. 1(1922). 124.  
Type : Malesia : Scortechini 1784.
- C. scortechinii* King (Capparaceae).  
J. Asiat. Soc. Beng. 58 ii (1889) 394; Blumea 12(3) : 488. 1965.  
Type : Malaya : Perak, Batang, Padang Dist., Fl., 1885, King's Collector 8083.
- C. sepiaria* Linn. (Capparaceae).  
Syst. Nat. 10th ed. 2(1759) 1071; Blumea 12(3) : 489. 1965.  
*C. glauca* var. *angustifolia* Coll. & Hemsl.  
J. Linn. Soc. Lond. Bot. 28(1890) 19.  
Type : *C. glauca* var. *angustifolia* : Burma, Collett 538.
- C. siamensis* Kurz (Capparaceae).  
For. Fl. Burma 1(1877) 63; Blumea 12(3) : 493. 1965.  
Type : Teijsmann HB 5927.
- C. sikkimensis* Kurz (Capparaceae).  
J. Asiat. Soc. Beng. 43 ii (1875) 181; Blumea 12(3) : 496. 1965.  
Type : India : Sikkim, Kurz s. n.
- C. tenera* Dalz. (Capparaceae).  
Hook. J. Bot. Kew Gard. Misc. 2 (1850) 41; Blumea 12(3) : 497. 1965.

- Capparis disticha* Kurz  
J. Asiat. Soc. Beng. 43 ii (1874) 70. name.  
Type : *C. disticha* : S. Burma, Kurz 20.
- Capparis trinervia*** Hook. f. & Th. (Capparaceae).  
Fl. Brit. Ind. 1(1872) 175; Blumea 12(3) : 500. 1965.  
*C. kunstleri* King  
J. Asiat. Soc. Beng. 58 ii (1889) 396.  
Type : Malesia : King's Collector 8337.
- C. versicolor*** Griff. (Capparaceae).  
Not. Pl. As. 4 (1854) 577; Blumea 12(3) : 501. 1965.  
*C. larutensis* King  
J. Asiat. Soc. Beng. 58 ii (1889) 393.  
Type : *C. larutensis* : Malaya : King's Collector 5103.
- C. zeylanica*** Linn. (Capparaceae).  
Sp. Pl. 2nd. ed. (1762) 720; Blumea 12(3) : 505. 1965.  
*C. crassifolia* Kurz  
J. Asiat. Soc. Beng. 42. ii (1874) 227.  
Type : *C. crassifolia* : Lower Burma : Pegu, Kurz 1825.  
*C. polymorpha* Kurz  
J. Asiat. Soc. Beng. 42 ii (1874) 227.  
Type : *C. polymorpha* : Lower Burma : Pegu, Kurz 1828.
- Caralluma nilagiriana*** Kumari et Subba Rao (Asclepiadaceae).  
J. Bombay Nat. Hist. Soc. 73(1) : 194. 1976.  
Holotype : India : Tamil Nadu : From Garden of Botanical Survey of India, Southern Circle, Coimbatore (from cultivated material raised from wild plants collected in vegetative condition, growing in rocky areas on way from Anaikatty to Ebanad) 700 m, in Nilgiri Dist., Tamil Nadu, Aug. 20, 1974, Subbarao et Kumari 39262A.
- Cardanthera uliginosa*** Buch.-Ham. var. *birbhumensis* Guha (Acanthaceae).  
Bull. Bot. Soc. Beng. 21(1) : 47-48. 1967.  
Holotype : India : Bengal : Nanur, Birbhum, Jan. 6, 1965, B. P. Guha 131.
- Carex nandadeviensis*** Ghildyal, Bhattacharyya et Hajra (Cyperaceae).  
Ind. Journ. Forestry 9(1) : 90-91. 1986.  
Holotype : India : Uttar Pradesh : Chamoli, Bhojgara-Ramni, Nanda Devi National Park, July 5, 1982, P. K. Hajra 73974A.

- Casearia insularis** Vasad. & T. Chakrab. (Flacourtiaceae).  
J. Econ. Tax. Bot. 5(4) : 991. 1984.  
**Holotype** : India : Andaman-Nicobar Islands, North Andaman Island, Saddle peak range, Lamia Bay slope, March 31, 1977, *Balakrishnan* 5389A.
- C. rubescens** Dalz. var. **gamblei** N. Mukherjee (Flacourtiaceae).  
J. Bombay Nat. Hist. Soc. 69(2) : 393. 1972.  
**Holotype** : South India, evergreen forest of Pirmed 3500 ft., *T. F. Bourdillon* 181.
- C. sikkimensis** N. Mukherjee (Flacourtiaceae).  
J. Bombay Nat. Hist. Soc. 69(2) : 392. 1972.  
**Holotype** : India : W. Bengal : Kurseong, Dhobijhua, 6000 ft., April 1882, *Gamble* 10316.
- Cassia floribunda** Cav. var. **pubescens** Singh (Leguminosae).  
J. Econ. Tax. Bot. 10(2) : 326. 1987.  
*C. laevigata* Gamble  
Fl. Madras Part 3 : 399. 492. 1919 *pro parte non* Willd. 1809.  
**Type** : Tamil Nadu : Nilgiri, 1800 m, June 1885, *Gamble* 16287.
- Catanthera lysipetala** F. v. Muell. (Melastomataceae).  
Journ. Bot. 24 : 289. 1886; *Reinwardtia* 10 : 52. 1982.  
*Hederella lysipetala* (Muell.) Nayar  
Kew Bull. 20 : 237. 1966.  
**Isolectotype** : New Guinea : Papua, Sogeriregion, *Forbes* 419.  
*Medirilla anomala* Cogn.  
DC. Mongr. Phan. 7 : 1185. 1891.  
**Isotype** : *Ibid.*, *Forbes* 451.
- Centrantherum sengaltherianum** B. M. Narayana (Compositae).  
Curr. Sci. 50(6) : 279. 1981.  
**Holotype** : India : Tamil Nadu : Tirunelveli Dist., 1100 m, in rock crevices, rare, March 18, 1978, *B. M. Narayana* 175A.
- Ceropegia ciliata** Wight (Asclepiadaceae).  
Ic. Pl. Ind. Or. 4. t. 1262. 1848; Fasc. Fl. Ind. 16 : 13. 1984.  
**Type** : India : Tamil Nadu : Nilgiri Hills, *Wight* 1927.
- C. hookeri** Clarke ex Hook. f. (Asclepiadaceae).  
Fl. Brit. Ind. 4 : 73. 1883; Fasc. Fl. Ind. 16 : 17. 1984.  
**Type** : Sikkim : 8-10,000 ft., *J. D. Hooker* 23.

**Ceropegia huberi** Ansari (Asclepiadaceae).

Bull. Bot. Surv. India 10(2) : 219. 1968 (1969); Fasc. Fl. Ind. 16 : 17. 1984.

**Holotype** : India : Maharashtra : Ambaghat, Ratnagiri Dist., Aug. 29, 1967, *Ansari* 105001A.

**Isotype** : Ibid., *Ansari* 105001E.

**Paratype** : Ibid., 105033A.

**C. jainii** Ansari et Kulkarni (Asclepiadaceae).

Bull. Bot. Surv. India 22 : 221. 1980 (1982).

**Holotype** : India : Maharashtra : Ratnagiri Dist., Ambolighat, Aug. 13, 1977, *Kulkarni* 121885A.

**Isotype** : Ibid., *Kulkarni* 121885D.

**C. kachinensis** Prain (Asclepiadaceae).

J. Asiat. Soc. Beng. 69(2) : 170. 1900; Fasc. Fl. Ind. 16 : 19. 1984.

**Holotype** : Burma : Kachin Hills, *Shaik Mokim s. n.*

**Isotype** : Burma, *Shaik Mokim s. n.*

**C. maccannii** Ansari (Asclepiadaceae).

Bull. Bot. Surv. India 22(1-4) : 227. 1980; Fasc. Fl. Ind. 16 : 22. 1984.

**Holotype** : India : Maharashtra : Sinhadgad Hills, Pune, Dist., Aug. 7, 1964, *M. Y. Ansari* 97574A.

**Isotype** : Ibid., *M. Y. Ansari* 97574D.

**C. mahabalei** Hemadri et Ansari (Asclepiadaceae).

Indian For. 97(2) : 105. 1971; Fasc. Fl. Ind. 16 : 24. 1984.

**Holotype** : India : Maharashtra : Ralegaon Hill,  $\pm$  1000 m, about 10 km west of Junnar, Poona Dist., Sept. 25, 1968, *Hemadri* 118070A.

**Isotype** : Ibid., *Hemadri* 118070G.

**C. metziana** Miq. (Asclepiadaceae).

Analecta Bot. Ind. 3 : 11. 1852; Fasc. Fl. Ind. 16 : 25. 1984.

**Type** : India : Tamil Nadu : Devala (Nilgiri Dist.), *Gamble* 15601.

**C. noorjahaniae** Ansari (Asclepiadaceae).

J. Bombay Nat. Hist. Soc. 69(1) : 250. 1972; Fasc. Fl. Ind. 16 : 26. 1984.

**Holotype** : India : Maharashtra : Wai-Panchgani Ghat, Satara Dist., *Ansari* 104880A.

**Isotype** : Ibid., *Ansari* 104880E.

**C. panchganiensis** Blatter et McCann (Asclepiadaceae).

J. Bombay Nat. Hist. Soc. 36 : 534. 1933; Bull. Bot. Surv. India 22 (1-4) : 199. 1980; Fasc. Fl. Ind. 16 : 27. 1984.

**Neotype** : India : Maharashtra : Lingmala near Mahabaleshwar, Satara Dist., *Ansari* 105090A.

***Ceropegia pussilla*** Wight et Arn. (Asclepiadaceae).

Wight, Contrib. 31. 1834; Fasc. Fl. Ind. 16 : 28. 1984.

**Isotype** : India : Tamil Nadu : Nilgiri Hills, Herb. *Wight* 1932.

***C. raizadiana*** Babu (Asclepiadaceae).

Herb. Fl. Dehradun 305-306. 1977.

**Holotype** : India : Uttar Pradesh : Dehra Dun, Bindal, not uncommon, on ravine slopes, Fls. July-Oct., *C. R. Babu* 32215.

***C. rollae*** Himadri (Asclepiadaceae).

Bull. Bot. Surv. India 10(2) : 123. 1968; Fasc. Fl. Ind. 16 : 29. 1984.

**Holotype** : India : Maharashtra : Dhak Khilla, about 27 km west of Junnar, Dist. Poona,  $\pm$ 1300 m, Sept. 29, 1965, *Himadri* 107472A.

**Isotype** : Ibid., *Himadri* 107472F.

**Paratype** : On the open top of Durga Khilla,  $\pm$ 1200 m, about 30 km west of Junnar, Oct. 1, 1965, *Himadri* 107547C.

***C. sahyadrica*** Ansari et Kulkarni (Asclepiadaceae).

Indian For. 97(12) : 688. 1971; Fasc. Fl. Ind. 16 : 29. 1984.

**Holotype** : India : Maharashtra : Ambolighat, Ratnagiri Dist., Aug. 30, 1967, *Kulkarni* 108643A.

**Isotype** : Ibid., *Kulkarni* 108643D.

***C. santapau*** Wadhwa et Ansari (Asclepiadaceae).

Bull. Bot. Surv. India 10(1) : 95. 1968; Fasc. Fl. Ind. 16 : 30. 1984.

**Holotype** : India : Maharashtra : Mahad Ghats, near about milestone No. 30/7 from Mahabaleshwar, Satara Dist.,  $\pm$  1160 m, Aug. 19, 1966, *Wadhwa* 109640A.

**Isotype** : Ibid., *Wadhwa* 109640H.

**Paratype** : Ibid., Sept. 13, 1966, *Wadhwa et Ansari* 109651A.

***C. sootepensis*** Craib (Asclepiadaceae).

Kew Bull. 1911. 420.

**Isotype** : Siam: Chiangmai, in open deciduous Jungle on Doi Sootep, 450 m, *Kerr* 695.

***Chlorophytum bharuchae*** Ansari, Raghavan et Hemadri (Liliaceae).

Indian For. 96(4) : 304. 1970.

**Holotype** : India : Maharashtra : from Shivneri Hill, Junnar, Poona, July 25, 1963, *Ansari* 88712A.

**Choerospondias articulata** Doli Chandra (Anacardiaceae).

J. Bombay Nat. Hist. Soc. 75(2) : 457. 1978.

**Holotype** : India : Uttar Pradesh : Mussoorie, May 15, 1899, *P. W. Mackinnon s. n.*, Acc. No. 98623.**Chonemorpha pedicellata** Seshagiri Rao (Apocynaceae).

J. Indian Bot. Soc. 32 : 44. 1953.

**Type** : N. W. India, *Hb. Royle*.**Chrysophyllum asraoii** Rakesh et Thoth. (Sapotaceae).

Indian J. Forestry 13(1) : 61. 1990.

**Type** : India : Maharashtra : Between shoutally and Kundally, 7 miles north West of Somwarpet, Oct. 16, 1963. *A. S. Rao* 94720.**Chrysopogon pseudozeylanicus** K. G. Bhat. & C. R. Nagendran (Poaceae).

Reinwardtia 10(Part 2) 128. 1985.

**Holotype** : India : Karnataka : South Kanara Dist., Charmadi Ghat, about 15 km from Kotigehar on way to Dharmasthala, Nov. 24, 1977, *K. G. Bhat*. 550A.**Cleidion bishnui** T. Chakrab. et Gang. (Euphorbiaceae).

J. Econ. Tax. Bot. 12(2) : 473. 1988.

**Holotype** : Burma : Katha Dist., Kadu Hills, July 11, 1911, *J. H. Lace* 5343.**C. javanicum** Bl. var. **longipedicellatum** T. Chakrab. et Gang. (Euphorbiaceae).

J. Econ. Tax. Bot. 12(2) : 491. 1988.

**Holotype** : India : Sikkim : Munsong, April 26, 1909, *Kari* 1161, Acc. No. 411202.**Isotype** : *Ibid.*, *Kari* 1161, Acc. No. 411208.**Cleistanthus sankunnianus** Sivarajan & Bachachandran (Euphorbiaceae).

Kew Bull. 40(1) : 121. 1985.

**Holotype** : India : Kerala : Kottakkal Arya Vaidya Sala Herbal Garden, original source not known, *Indu* 1486.**Clematis smilacifolia** Wall. ssp. **andamanica** Kapoor (Ranunculaceae).

Kew Bull. 19(2) : 331-333. 1965.

**Holotype** : India : Andaman Islands : Naumnagar, Sept. 27, 1890, *King's Collector*, Sheet No. 147.**Paratypes** : Andaman : *King's Collector s. n.* Sheets Nos. 145, 146, 148, 149.

**Clematis zemuensis** W. W. Smith (Ranunculaceae).

Rec. Bot. Surv. India 4(5) : 166. 1911.

**Holotype** : Sikkim : Lower Zemu, 9000 ft., *Smith & Cave* 2671, Acc. No. 333.

**Isotypes** : Zemnu Valley, 9000 ft., *Smith & Cave* 2671, Acc. Nos. 331, 332, 339.

**Cleome viscosa** L. var. **nagarjunakondensis** Sundararaghavan (Capparaceae).

Bull. Bot. Surv. India 28 : 187. 1986 (1988).

**Holotype** : India : Andhra Pradesh : Nagarjunakonda Hills, Nalgonda Dist., 200 m, July 13, 1961, *K. Thothathri* 6616A.

**Isotypes** : Ibid., *K. Thothathri* 6616B-D.

**Cnesmone javanica** Bl. var. **glabriuscula** Balakr. & N. G. Nair (Euphorbiaceae).

Gdns. Bull. Singapore 31 : 49. 1978.

**Holotype** : India : South Andaman Island, Guptapara, Nov. 23, 1973, *Balakrishnan* 641A.

**Paratype** : Ibid., Oct. 22, 1975, *Balakrishnan & Nair* 2287.

**Coculus prainianus** (Diels) Pramanik et Thoth. (Menispermaceae).

Kew Bull. 42(3) : 706. 1987.

*Pericampylus prainianus* Diels

Engl. Pflanzenr. Menisp. iv. 94 : 221. 1910.

**Holotype** : India : Naga Hills, Belegan, May 1899, *Prain's Collector* (*M. A. Hock*) 968.

**Coelachne perpusilla** (Arn. ex Steud.) Thw. var. **nilagirica** Ved Prakash et Jain (Poaceae).

Bull. Bot. Surv. India 24 : 187. 1982 (1983).

**Holotype** : India : Tamil Nadu : Nilgiri Dist., Parthimund, 2300 m, July 11, 1970, *J. L. Ellis* 34627.

**Coelogyne corymbosa** Lindl. (Orchidaceae).

Fol. Orch. Coelog. 7. 1854; Fasc. Fl. Ind. 5 : 9. 1980.

**Syntype** : India : Khasi Hills, *Hooker s. n.*

**C. cristata** Lindl. (Orchidaceae).

Coll. Bot. Sub. t. 33 (Textus). 1821; Fasc. Fl. Ind. 5 : 9. 1980.

**Type** : Nepal : Toka, March, 1821, *Wallich s. n.*, Wall. Num. List No. 1958/1.



**Coelogyne flaccida** Lindl. (Orchidaceae).

Gen. & Sp. Orch. 39. 1830; Fasc. Fl. Ind. 5 : 10. 1980.

**Type** : Nepal : Toka, Apr. 1821, *Wallich s. n.*, Wall. Num. List No. 1961.

**C. fuscescens** Lindl. var. **fuscescens** (Orchidaceae).

Gen. & Sp. Orch. 41. 1830; Fasc. Fl. Ind. 5 : 13. 1980.

**Type** : Nepal : Toka, March 1821, *Wallich s. n.*, Wall. Num. List No. 1962A.

**C. glandulosa** Lindl. var. **bournei** Das et Jain (Orchidaceae).

Bull. Bot. Surv. India 18 : 241. 1976 (1979) ; Fasc. Fl. Ind. 5 : 14. 1980.

**Holotype** : India : Pulney Hills, Poombarai, May 25, 1899, *Bourne* 2941.

**C. glandulosa** Lindl. var. **sathanarayanae** Das et Jain (Orchidaceae).

Bull. Bot. Surv. India 18 : 241. 1976 (1979); Fasc. Fl. Ind. 5 : 14. 1980.

**Holotype** : India : Tamil Nadu : Kodaikanal, March 10, 1960, *Saldanha* 5211.

**C. griffithii** Hook. f. (Orchidaceae).

Fl. Brit. Ind. 5 : 838. 1890 & I. c. Pl. t. 2108. 1894; Fasc. Fl. Ind. 5 : 14. 1980.

**Syntype** : India : Manipur: Khonghi Valley, 4-5000 ft. (1200-1500 m), April 27, 1882, *Watt* 6780.

**C. hitendrae** Das et Jain (Orchidaceae).

Orch. Rev. 86. 195. 1978.

**Holotype** : India : Nagaland : Pulebadje, *Kataki* 60202.

**C. longipes** Lindl. (Orchidaceae).

Fol. Orch. Coelog. 10. 1854; Fasc. Fl. Ind. 5 : 16. 1980.

**Syntype** : India : Khasi Hills, 4-5000 ft. (1200-1500 m); *J. D. Hooker* & *T. Thomson s. n.*

**C. nitida** (Wall. ex Don) Lindl. (Orchidaceae).

Gen. & Sp. Orch. 40. 1830 [Excl. Syn. *Cymbidium nitidum* Roxb.]; Fasc. Fl. Ind. 5 : 19. 1980.

**Type** : Nepal: *Wallich s. n.*, Wall. Num. List No. 1954. *p.p.*

**C. occultata** Hook. f. var. **uniflora** Balakrishnan (Orchidaceae).

J. Bombay Nat. Hist. Soc. 75(1) : 159. 1978.

**Holotype** : E. Bhutan : Nyoth Forest, 2000 m, Oct. 22, 1965, on moss covered tree trunk and rock boulders, *Balakrishnan* 43041A.

**Coelogyne odoratissima** Lindl. (Orchidaceae).

Gen. & Sp. Orch. 41. 1830; Fasc. Fl. Ind. 5 : 20. 1980.

**Type** : Herb. *Heyne s. n.*, Wall. Num. List No. 1960.

**C. prolifera** Lindl. (Orchidaceae).

Gen. & Sp. Orch. 40. 1830; Fasc. Fl. Ind. 5 : 23. 1980.

**Type** : Nepal : 1821, *Wallich s. n.*, Wall. Num List No. 1956.

**C. punctulata** Lindl. forma **brevifolia** (Lindl.) Das et Jain (Orchidaceae).

Fasc. Fl. Ind. 5 : 25. 1980.

**Syntype** : India : Khasi Hills, *J. D. Hooker & T. Thomson s. n.* CAL. 454607!.

**C. raizadae** Jain et Das (Orchidaceae).

Proc. Ind. Acad. Sci. 87B (5) : 119. 1978; Fasc. Fl. Ind. 5 : 25. 1980.

**Holotype** : India : Khasi Hills, Mawsmat, *Das* 55419.

**C. schultesii** Jain et Das (Orchidaceae).

Proc. Ind. Acad. Sci. 87B (5) : 119. 1978; Fasc. Fl. Ind. 5 : 28. 1980.

**Holotype** : India : Meghalaya : Khasi Hills, Cherrapunjee, *Das* 60256.

**C. uniflora** Lindl. (Orchidaceae).

Gen. Sp. Orch. 42. 1830; Fasc. Fl. Ind. 5 : 30. 1980.

**Type** : Nepal : *Wallich s. n.*, Wall. Num. List No. 1956.

**Corallorhiza anandae** Malhotra et Balodi (Orchidaceae).

Bull. Bot. Surv. India 26(1-2) : 108. 1984 (1985).

**Holotype** : India : Uttar Pradesh : Gori Valley, growing on slopes in the shade of *Betula* trees, Martoli Bugyals, 4500 m, June 15, 1958. *T. A. Rao* 6851A.

**Coriaria nepalensis** Wall. (Coriariaceae).

Pl. Asiat. Rar. 3 : 67. t. 289. 1832; Fasc. Fl. Ind. 1 : 3. 1978.

**Type** : India : Uttar Pradesh : Kumaon, *Blinkworth-Wall.* CAT. 6817C.

**C. terminalis** Hemsley var. **xanthocarpa** Rehder & Wilson (Coriariaceae).

Sarg. Pl. Wilson 2 : 171. 1916; Fasc. Fl. Ind. 1 : 4. 1978.

**Type** : India : Sikkim : Lachung, 2745 m, *Gammie* 353.

**Corybas purpurens** Joseph et Yoganarasimhan (Orchidaceae).

Indian For. 93(12) : 815-817. 1967.

**Holotype** : India : Meghalaya : Elephant Falls, Shillong,  $\pm 1500$  m, united Khasi & Jaintia Hills Dist., June 27, 1966, *Joseph* 36892A.

**Paratype** : Ibid., Oct. 16, 1965, *Joseph* 36891A.

**Cotoneaster aitchisonii** Schneider (Rosaceae).

Ill. Handb. Laubholz. 1 : 749. 1906; Bull. Bot. Surv. India 28 : 66. 1986 (1988).

**Isotype** : Afghanistan : Kuram-Tal, 2500 m, 1880, *Aitchison* 277.

**C. cavei** Klotz (Rosaceae).

Bull. Bot. Surv. India 5(3 & 4) : 213. 1963 (1964); Ibid., 28 : 67. 1986 (1988).

**Type** : India : Sikkim Himalaya : Prope, Kalapokhri, 3200 m, May 28, 1963, *G. Klotz s. n.*

**C. duthieanus** (Schneider) Klotz (Rosaceae).

Bull. Bot. Surv. India 5(3 & 4) : 211. 1963 (1964).

**Isotype** : India : Kumaon, Birch forest near Naffi in the Kutti Valley, 12-13000 ft., Sept. 11, 1884, Leg. *J. F. Duthie*.

**C. falconeri** Klotz (Rosaceae).

Wiss. Zeits. Univ. Halle. Math.-Nat. 15 : 535. 1966; Bull. Bot. Surv. India 28 : 68. 1986 (1988).

**Holotype** : N. Pakistan : Chitral, Jambatai, May 5, 1895, *S. A. Harris* 16109.

**C. gilgitensis** Klotz (Rosaceae).

Wiss. Zeits. Univ. Halle. Math.-Nat. 15 : 539. 1966; Bull. Bot. Surv. India 28 : 69. 1986 (1988).

**Holotype** : Kashmir, Nittar Valley, North of Gilgit, 3300-3600 m, Aug. 4, 1892, *J. F. Duthie* 12385.

**C. kaganensis** Klotz (Rosaceae).

Wiss. Zeits. Univ. Halle. Math.-Nat. 15 : 541. 1966; Bull. Bot. Surv. India 28 : 70. 1986 (1988).

**Isotype** : Pakistan : Hazara, Kagan Valley, Bhorji, July 12, 1897, *Duthie's Collector* vide *Duthie* 21276.

**C. khasiensis** Klotz (Rosaceae).

Bull. Bot. Surv. India 5(3 & 4) : 209. 1963 (1964).

**Types** : India : Meghalaya : Khasia, Laitlyngkot, 1650 m, May 16, 1886, Leg. *C. B. Clarke* No. 43, 911,

**Cotoneaster nagainsis** Klotz (Rosaceae).

Bull. Bot. Surv. India 5 : 212. 1964 & 28 : 76. 1986 (1988).

**Paratypes** : Naga Hills, near Chukka forest, 2196 m, Dec. 1886, *D. Prain s. n.*; Khoima, Naga Hills, Dec. 1886, *D. Prain s. n.*

**C. obovatus** Wall. ex Dunn. (Rosaceae).

Misc. Infor. Kew Bull. 1921 : 119 (1921); Bull. Bot. Surv. India 28 : 76. 1986 (1988).

**Isolectotype** : Chenab Valley, Cherer near Sinhe, 2440 m, June 3, 1881, *R. Ellis* 1192.

**C. sandakphuensis** Klotz (Rosaceae).

Bull. Bot. Surv. India 5 : 213. 1964 & 28 : 78. 1986 (1988).

**Holotype** : Sikkim-Himalaya, Prope Sandakphu, infruticetis via, Rimbick, Oct. 9, 1941, *K. Biswas* 5721.

**C. stracheyi** Klotz (Rosaceae).

Wiss. Zeits. Univ. Halle. Math.-Nat. 15 : 854. 1966; Bull. Bot. Surv. India 28 : 79. 1986 (1988).

**Type** : India : Kumaon, Dwali, 2500 m, May 1848, *R. Strachey & Winterbottom* 1.

**C. wallichianus** Klotz (Rosaceae).

Wiss. Zeits. Univ. Halle. Math.-Nat. 15 : 541. 1966; Bull. Bot. Surv. India 28 : 79. 1986 (1988).

**Holotype** : Sikkim, Tankra, 3000 m, Aug. 5, 1892, *G. A. Gammie* 634.

**Craibiodendron manni** W. W. Sm. (Ericaceae).

Notes R. bot. Gdn. Edinb. 24 : 159. 1912; J. Bombay Nat. Hist. Soc. 79(1) : 223. 1982.

**Type** : India : Meghalaya : Juudmaka Pahar, 6000 ft., Aug. 1891, *G. Mann s. n.*

**Crotalaria beddomeana** Thoth. et Ansari (Leguminosae).

Bull. Bot. Surv. India 20 : 180. 1978 (1979).

**Isotype** : India : Pulney Hills, 1958, *Beddome* 2.

**C. decasperma** Naik (Leguminosae).

Indian For. 92(12) : 760. 1966.

**Holotype** : Ghatangri forest, 4 km north of Osmanabad Town, Nov. 15, 1964, *Naik* 976A.

**Isotypes** : *Naik* 976B-C.

**Crotalaria khasiana** Bal. ex Thoth. et Ansari (Leguminosae).

Bull. Bot. Surv. India 20 : 180. 1978 (1979).

**Isotype** : India : Meghalaya : Khasia, 1520-2128 m, *J. D. Hooker* & *T. Thomson s. n.*

**C. khasiana** Bal. ex Thoth. et Ansari var. **macrophylla** Thoth. et Ansari (Leguminosae).

Bull. Bot. Surv. India 20 : 180. 1978 (1979).

**Holotype** : Burma : Peinngon Yegyauny, Maymyo Dist., 1200 m, Dec. 6, 1924, *Ingkan* 592.

**C. kodaiensis** Debberm. et. Biswas (Leguminosae).

J. Ind. Bot. Soc. 56 : 59-60. 1937.

**Type** : India : Madras : Kodaikanal Hills, 360 m, Jan. 1916, *C. Tomtand* 1605.

**C. madurensis** Wt. var. **kurnoolica** Ellis et Swamin. (Leguminosae).

J. Bombay Nat. Hist. Soc. 66(1) : 227. 1969.

**Holotype** : India : Andhra Pradesh : Srisailam, Karnool Dist., Oct. 21, 1964, *Ellis* 22144A.

**C. paniculata** Willd. var. **nagarjunakondensis** Thoth. (Leguminosae).

Bull. Bot. Surv. India 6 : 66. 1964 (1965).

**Holotype** : India : Andhra Pradesh : from the Hills sarrounding the Nagarjunakonda Valley, Nalkonda Dist., 300 m, Nov. 26, 1961, *Thothathri* 9764A.

**Isotypes** : *Thothathri* 9764B-E.

**C. sulphizzi** Thoth. et Ansari (Leguminosae).

Ind. J. For. 2(3) : 282. 1979.

**Type** : Burma : Pegu (without precise locality) Jan. 4, 1871, *S. Kurz* 2508.

**Croton caudatus** Geisel. var. **obovoideus** Balakr. & T. Chakrab. (Euphorbiaceae).

Bull. Bot. Surv. India 25(1-4) : 190-191. 1983 (1985).

**Paratypes** : India : Kerala : Travancore, April 26, 1896, *Bourdillon* 826; *Ibid.*, no date, *Calder & Ramaswami* 1345; *Ibid.*, Achankoil to Makona, Sept. 5, 1913, *Rama Rao* 1594; Tamil Nadu: Coimbatore Dist., Anaimali Hills, Aug. 30, 1913, *Fischer* 3638; Tirunelveli Dist., Shencottah to Aryankavu, Sept. 8, 1913, *Calder & Ramaswamy* 685.

**Croton robustus** Kurz var. **serratus** T. Chakrab., Balakr. & Gupta (Euphorbiaceae).

J. Econ. Tax. Bot. 9(2) : 251. 1987.

**Holotype** : Burma : Tavoy Valley of Sedi chamilf., alt. 2800 ft., ca 850 m, March 12, 1919, *P. T. Russell* 31.

**Cryptocarya insularis** Vasud. & T. Chakrab. (Lauraceae).

J. Econ. Tax. Bot. 6(2) : 446. 1985.

**Isotype** : India : Andaman Nicobar Islands: South Andaman Island, Dhanikhari, Feb. 6, 1974, *N. G. Nair* 852.

**Curcuma vamana** Sabu et Mangaly (Zingiberaceae).

J. Econ. Tax. Bot. 10(2) : 307. 1987.

**Type** : India : Kerala: Palghat Dist., Monsoon forest, July 20, 1984, *Sabu et Mangaly* Cu 37343B.

**Cyanotis arcotensis** Rolla Rao (Commelinaceae).

Blumea 14 : 345. 1967.

**Holotype** : India : Tamil Nadu: North Arcot Dist., Tippukadu reserve forest, 160 m, Nov. 10, 1963, fl., fr., *Joseph* 89886A.

**C. cerifolia** Rolla Rao et Kammathy (Commelinaceae).

J. Linn. Soc. Bot. London 59 : 306. 1966.

**Holotype** : India : From the experimental garden, Botanical Survey of India, Poona (from cultivated material raised from the cuttings of wild plants growing in weverly Estate, Anamalai Hills, Coimbatore Dist., Tamil Nadu), Aug. 8, 1962, *Kammathy* 77785A.

**Cyathea balakrishnanii** Dixit et Tripathi (Cyatheaceae).

Bull. Bot. Surv. India 26(3-4) : 170. 1984 (1986).

**Isotype** : India : Madhya Pradesh: Pachmari, Dhupgarh,  $\pm$  1000 m, Oct. 16, 1984, *Dixit* 41231A.

**C. holttumiana** R. R. Rao et N. S. Jamir (Cyatheaceae).

J. Econ. Tax. Bot. 6(1) : 207. 1985.

**Holotype** : India : Nagaland : Changki, Mokokchung Dist., *Jamir* 7996A.

**C. nicobarica** Balakr. et R. D. Dixit (Cyatheaceae).

Indian Journ. Forestry 10(1) : 43. 1987.

**Paratype** : India : Nicobar Island : Katchal Island,  $\pm$  160 m, Nov. 24, 1864, *s. n.*, Acc. No. 1290.

**Cynandrium guttatum** Stapf (Melastomataceae).

Hook. IC. Pl. 25 : t. 2419. 1895; Bull. Bot. Surv. India 10(3 & 4): 335. 1968 (1969).

**Isotype** : *Haviland* 1549.

**Cynodon barberi** Rang. et Tad. (Gramineae).

J. Bombay Nat. Hist. Soc. 24 : 846. 1916; Bull. Bot. Surv. India 8 : 204. 1966 (1967).

**Lectotype** selected : India : Agricultural College, Central Farm, Coimbatore, Aug. 1916, Madras Herbarium, S. India Flora No. 13715.

**C. barberi** Rang. et Tad. f. **longifolium** Jain (Gramineae).

Indian For. 92(11) : 699. 1966.

**Holotype** : India : Orissa : Puri, 1889, *J. H. Walsh* s. n.

**Paratypes** : India : W. Bengal : Bakura, Adhkata, July 20, 1955, *Ganguly* s. n. CAL 1798; Bihar : Chaibasa, Rains, 1898, s. l., s. n.; Andhra Pradesh : Nagarjunkonda Valley, July 15, 1961, *Thothathri* 9683; Madras; Madras Presidency, Precise locality?, *Ramaswami* 541.

**Cynometra iripa** Kostel (Leguminosae).

Allg. Med.-Pharm. Fl. 4 : 1341. 1835; Reinwardtia 10 : 66. 1982.

*C. mimosoides* Wall.

**Type** : *Wallich* 5817A.

**Cyperus atkinsoni** C. B. Clarke (Cyperaceae).

J. Linn. Soc. 21 : 109. 1884.

**Isotype** : India : Kashmir : Aug. 1874, *Atkinson* 24196.

**C. atroglumosa** Govind. (Cyperaceae).

Proc. Indian Acad. Sci. 81B (5) : 187. 1975.

**Paratype** : Karnataka : Nalur Oct. 7, 1961, *Govindarajalu* 4823.

**C. lurida** Govind. (Cyperaceae).

Proc. Indian Acad. Sci. 81B(5) : 189. 1975.

**Isotype** : India : Tamil Nadu : Akkamalai, Valparai, 5400-6200 ft., Jan. 3, 1971, *Govindarajalu* 10742F.

**C. macer** Clarke (Cyperaceae).

J. Linn. Soc. 21 : 160. 1884.

**Isosyntypes** : Burma : Pegu : *Kurz* 671; Bangladesh : Chittagong, *C. B. Clarke* 19779C.

- Cyperus pentabracteatus** Govind. et Hemadri (Cyperaceae).  
Proc. Indian Acad. Sci. 82B(6) : 205. 1975.  
**Holotype** : India : Maharashtra : Poona, Durga Khilla, Malavanddara, 17-18 miles west of Junnar, Poona, *Hemadri* 107562A.
- C. polyanthelus** Govind. (Cyperaceae).  
Proc. Indian Acad. Sci. 88 : 229-242 (1979).  
**Isotype** : S. India : Manalar, Vattaparai, Feb. 1, 1969, *E. Govindarajalu* 4286B.
- C. sanguinolentus** Vahl subsp. **sacer** Koila. (Cyperaceae).  
Bull. Bot. Surv. India 9 : 235. 1967 (1968).  
**Holotype** : India : W. Bengal : Sodepur, July 3, 1964, *Korlahalli* 232A.  
**Isotype** : *Korlahalli* 232B.
- C. stricticulmis** Govind. (Cyperaceae).  
Proc. Indian Acad. Sci. 81B (5) : 194. 1975.  
**Isotype** : India : Tamil Nadu : Balparai, Oct. 7, 1968, *Govindarajalu* 9042.
- Cyrtandra burttii** Balakr. (Gesneriaceae).  
Notes R. bot. Gdn. Edinb. 35(1) : 115. 1976.  
**Holotype** : India : Great Nicobar Island : 17 km from Campbell Bay to Alexander River, alt.  $\pm$  75m, above *s.l.*, shaded stream sides in ever green hill forests, Aug. 21, 1975, *Balakrishnan* 3025A.  
**Isotype** : *Ibid.*, *Balakrishnan* 3025B.
- C. occidentalis** Balakr. et Burtt (Gesneriaceae).  
Notes R. bot. Gdn. Edinb. 37(1) : 153. 1978.  
**Holotype** : India : Great Nicobar Island : Campbell Bay to Chengappa Bay, 25 m, June 11, 1977, in flower, *Balakrishnan* 5700A.
- Cyrtomium beddomei** S. R. Ghosh (Dryopteridaceae).  
J. Econ. Tax. Bot. 5(2) : 495. 1984.  
**Type** : India : Tamil Nadu : Coonoor, Nilgiris, *Beddome* 19.
- Dalbergia bhutanica** Thoth. (Leguminosae).  
Bull. Bot. Surv. India 14 : 189. 1972 (1975).  
**Holotype** : Bhutan : Narchu Valley, Engo forest, Nov. 1898, *Prain s. n.*  
**Isotype** : *Prain s. n.*
- D. burmanica** Prain (Leguminosae).  
J. Asiat. Soc. Beng. 66 : 448. 1897 emend. Thoth.; Thoth., Tax. Revi Dalbergieae. P. 131. 1987.



**Lectotype designated** : Upper Burma: Ruby mines, March 1892, *Abdul Huk* 7A.

**Syntype** : Ibid., *Abudul Huk* 12.

**Dalbergia cana** Grah. (Wall. Cat. 5859. 1832, nomen) ex Kurz (Leguminosae).

J. Asiat. Soc. Beng. 42 : 70. 1873; Thoth., Tax. Revi. Dalbergieae P. 172. 1987.

**Isotype** : Moulmein, 1827, Wall. Cat. 5859.

**D. candenatensis** (Dennst.) Prain (Leguminosae).

J. Asiat. Soc. Beng. 70 : 49. 1901; Thoth., Tax. Revi. Dalbergieae P. 187. 1987.

*D. torta* Grah.

**Type** : *D. torta* : Penang : Singapore, 1832, Wall. Cat. 5873A.

**D. clarkei** Thoth. (Leguminosae).

J. Jap. Bot. 46(3) : 73. 1971; Thoth., Tax. Revi. Dalbergieae P. 114. 1987.

**Isotype** : India : Assam : Maoksandram, Khasia, 133 m, Jan. 1886, *Clarke* 42875B.

**D. confertiflora** Benth. (Leguminosae).

Miq. in Pl. Jungh. 1 : 225. 1852 et J. Linn. Soc. 4 (Suppl.) 41. 1860; Thoth., Tax. Revi. Dalbergieae P. 102. 1987.

**Isolectotype** : Bangladesh : Sylhet, Wall. Cat. 5448 I.

**Syntype** : Oudh, Wall. Cat. 5848E.

**D. confertiflora** Benth. var. *listeri* Thoth. (Leguminosae).

Bull. Bot. Surv. India 17 : 66. 1975 (1978).

**Holotype** : Bangladesh : Chittagong, Feb. 1876, *Lister* 8.

**D. coromandeliana** Prain (Leguminosae).

J. Asiat. Soc. Beng. 70 : 60. 1901 ; Thoth., Tax. Revi. Dalbergieae P. 126. 1987.

**Lectotype** : S. India: Shevagiri Hills, Tinnevalley Dist., *Wight* 798.

**D. cultrata** Grah. (Wall. Cat. 5861. 1832, nomen) ex Benth. (Leguminosae).

In Miq. Pl. Jungh. 1 : 254. 1852 et J. Linn. Soc. 4 (Suppl.) 39. 1860; Thoth., Tax. Revi. Dalbergieae P. 91. 1987.

**Lectotype designated** : Prome, 1826, Wall. Cat. 5861A.

- Dalbergia cultrata** Grah. ex Benth. var. **cultrata fusa** (Pierre ex Prain) Thoth. (Leguminosae).  
Thoth., Tax. Revi. Dalbergieae P. 94. 1987.  
**Holotype** : Cochin China, Baochinah, Bin Hoa, 1879, *Pierre* 1706.
- D. cultrata** Grah. ex Benth. var. **maymyensis** Thoth. (Leguminosae).  
Bull. Bot. Surv. India 17 : 65. 1975 (1978).  
**Holotype** : Upper Burma : Maymyo plateau, 1200 m, July 1908, *J. H. Lace* 4141.
- D. cultrata** Grah. ex Benth. var. **tavoyensis** Thoth. (Leguminosae).  
Bull. Bot. Surv. India 17 : 65. 1975 (1978).  
**Holotype** : Burma : Tavoy : Tenasserim, Sept. 1901, *Manson* 71.
- D. duarensis** Thoth. (Leguminosae).  
Bull. Bot. Surv. India 14 : 192. 1972 (1975).  
**Holotype** : India : Mahakalaguri, Alipore Duars, Oct. 1891, *Heawood* 104.
- D. gardneriana** Benth. (Leguminosae).  
J. Linn. Soc. 4 (Suppl.) : 42. 1860 ; Thoth., Tax. Revi. Dalbergieae P. 81. 1987.  
**Isolectotype** : Nilgherries, *Hohenacker* 1591.
- D. hemsleyi** Prain (Leguminosae).  
J. Asiat. Soc. Beng. 66 : 450. 1897 et Ann. Roy. Bot. Gard. Calc. 10(1) : 94. 1904.  
**Lectotype selected** : Burma : Myingyin, Nov. 1890, *Prazer s. n.*
- D. horrida** (Dennst.) Mabblerly (Leguminosae).  
Taxon 25 : 538. 1977; Thoth., Tax. Revi. Dalbergieae P. 105. 1987.  
*D. multiflora* Heyne  
Wall. Cat. 5848. B, 1832 (nomen).  
**Isotype** : Courtallum, Wall. Cat. *Heyne* 5848B.
- D. horrida** (Dennst.) Thoth. var. **concanensis** Thoth.  
Thoth., Tax. Revi. Dalbergieae P. 110. 1987 (Leguminosae).  
**Holotype** : India : Karnataka : Concan, Collector? *s. n.*, Acc. No. 130711.
- D. horrida** Thoth. var. **glabrescens** (Prain) Thoth. et Nair (Leguminosae).  
Taxon 30 : 46. 1981; Thoth., Tax. Revi. Dalbergieae P. 109. 1987.  
**Lectotype designated** : South India : Nagercoil, Nov. 1893, *Lawson* 218.

**Dalbergia kingiana** Prain (Leguminosae).

J. Asiat. Soc. Beng. 67 : 289. 1898 et Ibid. 70 : 46. 1901 et Ann. Roy. Bot. Gard. 10(1) : 61. 1904; Thoth., Tax. Revi. Dalbergieae P. 78. 1987.

**Holotype** : Upper Burma : Myitkyina, Kachin Hills, Nov. 1987, *Shaik Mokim s. n.*

**D. kurzii** Prain (Leguminosae).

J. Asiat. Soc. Beng. 66 : 450. 1897 et Ibid. 70 : 50. 1901; Thoth., Tax. Revi. Dalbergieae P. 175. 1987.

**Lectotype designated** : Burma : Pegu, *Kurz 2603.*

**Syntypes** : Ibid., *Kurz 2608*; Pegu Yomah, *Kurz 1780*; Pegu, *Maclelland s. n.*; Thykkulah, *Brandis 1170*; upper Burma, 1894, *Prazer s. n.*; Shan State, Nov.-Dec., 1887, *Alpin s. n.*

**D. lanceolaria** Linn. f. ssp. **paniculata** (Roxb.) Thoth. (Leguminosae).

Bull. Bot. Surv. India 25 (1-4) : 171. 1983 (1985).

*D. paniculata* Roxb.

Corom. Pl. 2 : 8 t. 114. 1798.

*D. nigrescens* Kurz

Pegu Rep. App. A. 48. B. 45. 1875.

**Lectotype selected** : Plate 114 of Roxb. Corom. Pl. 1798.

**D. lanceolaria** Linn. f. ssp. **paniculata** var. **hemsleyi** (Prain) Thoth. (Leguminosae).

Bull. Bot. Surv. India 25 (1-4) : 172. 1983 (1985).

*D. hemsleyi* Prain

J. Asiat. Soc. Beng. 66 : 450. 1897 et Ann. Roy. Bot. Gard. Calc. 10 (1) : 94. 1904.

**Lectotype selected** : Burma : Myingyin, Nov. 1890, *Prazer s. n.*

**D. lanceolaria** Linn. f. ssp. **paniculata** var. **maymyensis** (Craib) Thoth. (Leguminosae).

Bull. Bot. Surv. India 25 (1-4) : 172. 1983 (1985). ; Thoth., Tax. Revi. Dalbergieae P. 153. 1987.

*D. maymyensis* Craib

Kew Bull. 390. 1912.

**Lectotype selected** : Burma : Maymyo Plateau, 1200 m, July 1908, *Lace 4134.*

**Syntypes** : Ibid., *Lace 5793* (April 1912), 5848 (July 1912), 3113 (April 1908).

**Dalbergia oliveri** Gamble ex Prain (Leguminosae).

J. Asiat. Soc. Beng. 66 : 451. 1893 emend. Thoth.; Thoth., Tax. Revi. Dalbergieae P. 134. 1987.

**Lectotype designated** : Upper Burma: Wautho, Feb. 1892, *Oliver s. n.*

**D. ovata** Grah. (Wall. Cat. 5854, 1832, nomen) ex Benth. (Leguminosae).

Miq. Pl. Jungh. 1 : 254. 1852 et Journ. Linn. Soc. 4 (Suppl.). 40. 1860; Thoth., Tax. Revi. Dalbergieae P. 58. 1987.

**Isotype** : Burma : Moolmyn, 1827, Wall. Cat. 5854.

**D. ovata** Grah. ex Benth. var. **glomeriflora** (Kurz) Thoth. (Leguminosae).

Bull. Bot. Surv. India 25 (1-4) : 170. 1983 (1985).

*D. glomeriflora* Kurz

J. Asiat. Soc. Beng. 42 : 70. 1873.

**Type** : Burma : Prome, *Kurz* 211.

**D. ovata** Grah. ex Benth. var. **puberula** Kurz (Leguminosae).

J. Asiat. Soc. Beng. 45 : 280. 1876 emend. Thoth.; Thoth., Tax. Revi. Dalbergieae P. 59. 1987.

**Holotype** : Pegu : Irawaddy Dist., *Brandis s. n.*

**D. peguensis** Thoth. (Leguminosae).

J. Jap. Bot. 50 (2) : 55. 1975.

**Holotype** : Burma : Pegu, Yomah, Mar. 1871, *Kurz* 2604.

**Paratype** : Ibid., Jan. 1868, *Kurz* 1781.

**D. pinnata** (Lour.) Prain var. **acaciaefolia** (Dalz.) Thoth. (Leguminosae).

Bull. Bot. Surv. India 25 (1-4): 170. 1983 (1985).

*D. acaciaefolia* Dalz.

Kew Journ. Bot. 2 : 37. 1850.

*D. tamarindifolia* Roxb. var. *acaciaefolia* (Dalz.) Baker

Hook. f. Fl. Brit. Ind. 2 : 235. 1876.

**Isotype** : Concan: *Law s. n.*

**D. prainii** Thoth. (Leguminosae).

J. Jap. Bot. 50 (2) : 52. 1975.

**Holotype** : Upper Burma : Kalay and Chin Hills, June, 1894, *J. C. Prazer* 39.

**D. pseudo-sissoo** Miq. (Leguminosae).

Fl. Ind. Bat. 1 : 128. 1855; Thoth., Tax. Revi. Dalbergieae P. 67. 1987.

*D. rostrata* Grah. (Wall. Cat. 5867, 1832, nomen) ex Prain

J. Asiat. Soc. Beng. 70 : 45. 1901 et Ann. Roy. Bot. Gdn. (1) : 60. 1904.

**Isotype** : *D. rostrata* : Singapore, Wall. Cat. 5867.

- Dalbergia pseudo-ovata** Thoth. (Leguminosae).  
J. Jap. Bot. 50 (2) : 52. 1975.  
**Holotype** : Burma : Kangyi reserve, 24 m, Tharawaddy Dist., Feb. 1912,  
*Lace* 5707.
- D. reniformis** Roxb. (Hort. Beng. 53. 1814. nomen) (Leguminosae).  
Fl. Ind. 3 : 226. 1832; Thoth., Tax. Revi. Dalbergieae P. 194. 1987.  
*D. flexuosa* Grah.  
**Type** : Sylhet, 1832, Wall. Cat. 5875.
- D. rimosa** Roxb. var. **foliacea** (Wall. ex Benth.) Thoth. (Leguminosae).  
Bull. Bot. Surv. India 25 (1-4) : 170. 1983 (1985).  
*D. foliacea* Wall. ex Benth.  
Miq. Pl. Jungh. 1 : 255. 1852.  
**Lectotype selected** : Amherst and Maulmyne, 1927, Wall. Num. List.  
No. 5856A.
- D. rimosa** Roxb. var. **laevis** Thoth. (Leguminosae).  
Bull. Bot. Surv. India 17 : 64. 1975 (1978).  
**Holotype** : Burma : Nahmedaung, Henzada, Feb. 1903, *Shaik Mokim*  
1355.
- D. spinosa** Roxb. (Hort. Beng. 98. 1914, nomen) (Leguminosae).  
Fl. Ind. 3 : 233. 1832 ; Thoth., Tax. Revi. Dalbergieae P. 193. 1987.  
**Type** : Chittagong : *Roxburgh s. n.*
- D. stipulacea** Roxb. var. **kurzii** Thoth. (Leguminosae).  
Bull. Bot. Surv. India 17 : 67. 1975 (1978).  
**Holotype** : Burma : Martaban, *Kurz* 1774.
- D. stipulacea** Roxb. var. **mogkokensis** Thoth. (Leguminosae).  
Bull. Bot. Surv. India 17 : 68. 1975 (1978).  
**Holotype** : Burma : Mogkok, 1334 m, Ruby mines division, May 1910,  
*A. Rodger* 332.
- D. stipulacea** Roxb. var. **stipulacea** f. **puberula** Thoth. (Leguminosae).  
Bull. Bot. Surv. India 17 : 68. 1975 (1978).  
**Holotype** : Burma : Mandalay Dist., 1200 m, May 1915, *G. Rogers*  
968.
- D. tinneveli** Thoth. (Leguminosae).  
Ceylon Journ. Sci. (Bio. Sci.) 12 : 47. 1970.  
**Holotype** : India : Tamil Nadu: Tinnevely Dist., Jan. 1917, *Fischer*  
4045.

**Dalbergia thomsonii** Benth. (Leguminosae).

J. Linn. Soc. 4 (Suppl.) : 33. 1860; Thoth., Tax. Revi. Dalbergieae P. 171. 1987.

**Lectotype designated** : India : Khasia, 600-1250m, *Hooker & Thomson s. n.*

**D. velutina** Benth. (Leguminosae).

Miq. Pl. Jungh. 1 : 225. 1852 et in J. Linn. Soc. 4 (Suppl.) 43. 1860; Thoth., Tax. Revi. Dalbergieae P. 99. 1987.

**Isolectotype** : Bangladesh : Sylhet, Wall. Cat. 5868B.

**Syntype** : Moolmyne, 1827, Wall. Cat. 5868A.

**D. velutina** Benth. var. **maingayi** Prain (Leguminosae).

J. Asiat. Soc. Beng. 66 : 117. 1897; Thoth., Tax. Revi. Dalbergieae P. 100. 1987.

**Lectotype designated** : Malacca, 1867-68, Malaya, *Maingay* 612.

**Syntypes** : Singapore, Malaya, 1894, *Ridley* 5923, 6086.

**D. velutina** Benth. var. **velutina** f. **burmanica** Thoth. (Leguminosae).

Bull. Bot. Surv. India 17 : 70. 1975 (1978).

**Holotype** : Burma : Mergui, April 1909, *Lace* 4787.

**D. volubilis** Roxb. var. **assamica** Thoth. (Leguminosae).

Bull. Bot. Surv. India 17 : 67. (1975) 1978.

**Holotype** : India : Meghalaya: Myantang Valley, Khasia and Jaintea Hills, Jan. 1916, *U. Kanjilal* 6574.

**D. wattii** Clarke (Leguminosae).

J. Linn. Soc. 25 : 17. 1889; Thoth.; Tax. Revi. Dalbergieae P.177. 1987.

**Holotype** : Moneypoor, Mayung, 1200 m, Nov. 1885, *Clarke* 42034.

**D. yunnanensis** Franch var. **collettii** (Prain) Thoth. (Leguminosae).

Bull. Bot. Surv. India 25 (1-4) : 171. 1983 (1985).

*D. collettii* Prain

J. Asiat. Soc. Beng. 66 : 445. 1897 P.P. et Ann. Roy. Bot. Gard. Calc. 10(1) : 53. 1904.

*Dalbergia* sp. Collett & Hemsley

J. Linn. Soc. 28 : 50. 1891.

**Lectotype selected** : Kawlo, 1666 m, Shan Hills, April 1988, *Collett*. 591.

**Dalechampia burmanica** Mukherjee (Euphorbiaceae).

Bull. Bot. Soc. Beng. 3(1) : 9. 1949.

Type : Burma : Myaukhlaing reserve, July 12, 1949. *D. R. Pokhant* 562.**Decaisnea insignis** (Griff.) Hook. f. & Thoms. (Lardizabalaceae).

Proc. Linn. Soc. 2 : 350. 1854; Fasc. Fl. Ind. 19 : 31. 1988.

*Slakia insignis* Griff.

Itin. Notes 187. 1848.

Type : Bhutan: *Griffith* 1838.**Decaschistia crotonifolia** Wt. & Arn. (Malvaceae).

Prod. Fl. Pen. Ind. Or. 1 : 52. 1834; Fasc. Fl. Ind. 19 : 104. 1988.

Isotype : *Wight* Cat. No. 215.**D. cuddapahensis** T. K. Paul et Nayar (Malvaceae).

Geobios New Reports 2 : 156-157. 1983; Fasc. Fl. Ind. 19 : 105. 1988.

Holotype : India : Andhra Pradesh : Swamipadhalu-Kodur, Cuddapah Dist., 550 m, July 23, 1962, *J. L. Ellis* 14332.**Delphinium malabaricum** (Huth.) Munz var. **ghaticum** Billore (Ranunculaceae).

Indian For. 99(7) : 436-439. 1973.

Holotype : India : Maharashtra : on the exposed slopes of Dhamni Hill,  $\pm$  700 m, near Mokhada, Vihigaon forest range, Oct. 19, 1967, *K. V. Billore* 112948A.**Dendrobium assamicum** Chowdhury (Orchidaceae).

Kew Bull. 43(4) : 667. 1988.

Holotype : India : Assam : Nowgong Dist., Outskirt of village Nellie, 45 miles from Guwahati towards Nowgong, 26° 15' N & 92° 30' E, March 31, 1969, *S. Chowdhuri* 354.**D. diodon** Reinb. f. ssp. **kodayarensis** Gopalan et Henry (Orchidaceae).

J. Econ. Tax. Bot. 12(2) : 487. 1988.

Holotype : India : Tamil Nadu: Kannya Kumari, Upper Kodayar, *Gopalan* 81452.**Derris andamanica** Prain (Leguminosae).

J. Asiat. Soc. Beng. 66(2) : 104. 1897; Fasc. Fl. Ind. 8 : 7. 1982.

Lectotype : India : South Andaman : North corbyn' sbove hill jungle, Jan. 1895, *King's Collector s. n.***D. benthamii** (Thw.) Thw. var. **benthamii** (Leguminosae).

Enum. Pl. Zeyl. 413. 1864; Fasc. Fl. Ind. 8 : 9. 1982.

Isotype : Ceylon : Central Province, *Thwaites* 2925.

- Derris benthamii** (Thw.) Thw. var. **wightii** (Baker) Thoth. (Leguminosae).  
 J. Jap. Bot. 51(5) : 145. 1976; Fasc. Fl. Ind. 8 : 11. 1982.  
**Isotype** : India : Shevagherry Hills, Aug. 1936, *Wight* 834.
- D. canarensis** (Dalz.) Baker (Leguminosae).  
 Hook. f. Fl. Brit. Ind. 2 : 246. 1878; Fasc. Fl. Ind. 8 : 12. 1982.  
**Neotype** : India : Karnataka : Kassarleh, Kanara, May 1853, *Dr. Ritchie* 1720.
- D. cuneifolia** Benth. var. **cuneifolia** f. **cuneifolia** (Leguminosae).  
 Miq. Pl. Jungh. 1 : 253. 1852 et Journ. Linn. Soc. 4 (Suppl.) : 112. 1860; Fasc. Fl. Ind. 8 : 13. 1982.  
**Lectotype** : Nepal : Noakote, 1820, Wall. Num. List. No. 5887.
- D. cuneifolia** Benth. var. **cuneifolia** f. **assamica** Thoth. (Leguminosae).  
 Bull. Bot. Surv. India 3(2) : 192. 1961 (1962); Fasc. Fl. Ind. 8 : 15. 1982.  
**Holotype** : India : Assam : Bishnupur, Cachar Dist., Dec. 1914, *U. Kanjilal* 4835.
- D. cuneifolia** Benth. var. **longipedicellata** Thoth. (Leguminosae).  
 Bull. Bot. Surv. India 3(2) : 191. 1961 (1962); Fasc. Fl. Ind. 8 : 15. 1982.  
**Holotype** : India : Sikkim : Sivoke, April 1908, *Ribu* 760.
- D. elegans** Benth. f. **andamanensis** Thoth. (Leguminosae).  
 Bull. Bot. Surv. India 3(2) : 184. 1961 (1962); Fasc. Fl. Ind. 8 : 16. 1982.  
**Holotype** : India : Manipur Hill Jungle, South Andaman, Feb. 1894, *King's Collector s. n.*
- D. elliptica** (Wall.) Benth. var. **elliptica** (Leguminosae).  
 J. Linn. Soc. 4(Suppl.) : 111. 1860; Bull. Bot. Surv. India 3 : 194. 1961; Fasc. Fl. Ind. 8 : 16. 1982.  
**Isotype** : Amboina, cultivated in Botanic Garden, Calcutta. Wall. List No. 5881A.  
**Paratype** : Burma : Attran, 1827, Wall. List. No. 5881B.
- D. elliptica** Benth. var. **chittagongensis** Thoth. (Leguminosae).  
 Bull. Bot. Surv. India 3 : 195. 1961 (1962).  
**Holotype** : Bangladesh : Chittagong : Kodla, in Hills, May 1887, *Badul Khan* 450A.  
**Isotypes** : *Badul Khan* 450 B-E.



- Derris feruginea** (Roxb.) Benth. (Leguminosae).  
Miq. Pl. Jungh. 1 : 252. 1852 et J. Linn. Soc. 4(Suppl.) : 109. 1860;  
Fasc. Fl. Ind. 8 : 18. 1982.  
**Isolectotype** : Bangladesh : Sylhet, Wall. Num. List. No. 5885A.
- D. henryi** Thoth. (Leguminosae).  
J. Jap. Bot. 45(1) : 6. 1970.  
**Holotype** : China : Yunnan : 1897, *Henry* 10893A.  
**Isotype** : Ibid., *Henry* 10893B.
- D. heyneana** (Wt. & Arn.) Benth. (Leguminosae).  
Miq. Pl. Jungh. 1 : 252. 1852 et J. Linn. Soc. 4 (Suppl.) : 110. 1860;  
Fasc. Fl. Ind. 8 : 19. 1982.  
**Isolectotype** : India, without precise locality, Western Peninsula,  
*Wight* 920.
- D. lushaiensis** Thoth. (Leguminosae).  
Bull. Bot. Surv. India 12 : 104. 1970 (1972).  
**Holotype & Isotypes** : India : Valley near Fort Lungleh, 1000-2000m,  
South Lushai Hills, Assam, March 1899, *A. T. Gage* 23A-C.
- D. marginata** (Roxb.) Benth. (Leguminosae).  
Miq. Pl. Jungh. 1 : 252. 1852, in adnot; Fasc. Fl. Ind. 8 : 22. 1982.  
**Lectotype** : Bangladesh : Sylhet, H.B.C., Wall. Num. List. No. 5909A.
- D. monticola** (Kurz) Prain (Leguminosae),  
J. Asia<sup>t</sup>. Soc. Beng. 66(2) : 361. 1897; Fasc. Fl. Ind. 8 : 23. 1982.  
**Type** : Burma : Nattoung, 2200-2400 m, Pegu, *Kurz* 1776.
- D. ovalifolia** (Wt. & Arn.) Benth. (Leguminosae).  
Miq. Pl. Jungh. 1 : 252. 1852 *ex parte* et J. Linn. Soc. 4 (Suppl.) : 115.  
1860; Fasc. Fl. Ind. 8 : 25. 1982.  
**Isotype** : India : Western Peninsula, *Wight* 917.
- D. pseudo-robusta** Thoth. (Leguminosae).  
Bull. Bot. Surv. India 3 : 181. 1961 (1962).  
**Holotype** : India : Arunachal Pradesh : Kheti-Tincha, Tirap F. D., Aug.  
1958, *Panigrahi* 14550A.
- D. robusta** (Roxb. ex DC.) Benth. var. **robusta** (Leguminosae).  
J. Linn. Soc. 4(suppl.) : 104. 1860. *pro parte* ; Fasc. Fl. Ind. 8 : 26.  
1982.  
**Isolectotype** : Bangladesh : Sylhet, Wall. Num. List No. 5849B.

**Derris robusta** (Roxb. ex DC.) Benth. var. **assamica** Thoth. (Leguminosae).  
 Bull. Bot. Surv. India 3(2) : 180. 1961 (1962); Fasc. Fl. Ind. 8 : 27. 1982.  
**Holotype** and **Isotype** : India : Upper Shillong, 1933 m, June 1920,  
*Carter* 1696A&B.

**D. scandens** (Roxb.) Benth. var. **scandens** (Leguminosae).  
 J. Linn. Soc. 4(Suppl.) : 103. 1860; Fasc. Fl. Ind. 8 : 27. 1982.  
**Lectotype** : Plate 192 of Roxb. Pl. Corom. 2 : 49. 1798.

**D. sinuata** Benth. ex Thw. (Leguminosae).  
 Enum. Pl. Zeyl. 93. 1859; Bull. Bot. Surv. India 3 : 195. 1961 (1962).  
*Pongamia sinuata* Wall.  
 Wall. Cat. 5911. 1831-32, *nom. nud.*  
*Deguelia sinuata* (Thw.) Taub.  
 Engl. & Prantl. Nat. Pfl. Fam. 3 (2): 345. 1891.  
**Isotype** : Ceylon Province: *Thwaites* 1491.

**D. thothathrii** Bennet (Leguminosae).  
 J. Indian Forestry 1(1) : 23. 1978; Fasc. Fl. Ind. 8 : 29. 1982.  
**Type** : India : Concan, *Stocks, Law* 10.

**Dichanthium foulkesii** (Hook. f.) Jain et Despande (Poaceae).  
 Bull. Bot. Surv. India 20 : 134. 1978 (1979); Fasc. Fl. Ind. 15 : 12. 1984.  
**Syntype** : India : Pykora, Aug. 1878, *King s. n.*

**D. glabrum** (Roxb.) Jain et Despande var. **glabrum** (Poaceae).  
 Bull. Bot. Surv. India in 20 : 134. 1978 (1979) ; Fasc. Fl. Ind. 15 : 13.  
 1984.  
**Type** : Bengal: *Roxburgh s. n. (Roxb. Ic. 1194).*

**D. glabrum** (Roxb.) Jain et Despande var. **punctatum** (Roxb.) Despande  
 (Poaceae).  
 Fasc. Fl. Ind. 15 : 14. 1984.  
**Type** : India: *Roxburgh s. n. (l. c. 892).*

**D. jainii** (Desh. et Hem.) Despande (Poaceae).  
 Bull. Bot. Surv. India 21 : 198. 1979 (1981); Fasc. Fl. Ind. 15 : 17. 1984.  
**Holotype** : India : Maharashtra : Pune, on the open top of Durga  
 Khilla,  $\pm$  2200 m, about 30 km west of Junnar, *Hemadri* 104241A.

**Dicliptera nasikensis** Naras. et Sharma (Acanthaceae).

J. Econ. Tax. Bot. 7(2) : 481. 1985 (1986).

**Holotype** : India : Maharashtra : From fallow land of Dangsaundane round of Satna range, Nasik District, alt. of *ca* 675 m above *m.s.l.*, May 20, 1983, *Narasimhan* 163977A.

**Dicraea filifolia** Ramamurthy et Joseph (Podostemonaceae).

Bull. Bot. Surv. India 6 : 333. 1964 (1965).

**Holotype** : India : Kerala : Parambikulam, Submergible area, Trichur Dist., Nov. 22, 1962, *Ramamurthy* 15325A.

**Isotype** : Ibid., *Ramamurthy* 15325B.

**Paratype** : Ibid., June 19, 1964, *Ramamurthy* 20018A.

**Dicranopteris linearis** Underw. var. **wattii** Panigr. et Dixit (Gleicheniaceae).

Bull. Bot. Surv. India 13 : 162. 1971 (1973).

**Holotype** : India : Manipur : Kala Naga Hills, 195 m, May 1882, *G. Watt* 7497.

**Digitaria pennata** (Hochst.) T. Cooke var. **shettyana** Pandey, Parmar et Vyas (Gramineae).

J. Econ. Tax. Bot. 5(2) : 475. 1984.

**Holotype** : India : Rajasthan : Jalore, from rocky habitat near Sareh Mandir, Sept. 21, 1978, *B. V. Shetty* 6659A.

**Dillenia andamanica** Parkinson (Dilleniaceae).

Indian For. 61 : 452. t. 29. 1935; Hoogl. in *Blumea* 7(1) : 127. 1952; Fasc. Fl. Ind. 2 : 5. 1979.

**Type** : India : Middle Andaman : Bomlungta, April 12, 1916, *Parkinson* 1185.

**D. bolsteri** Merr. (Dilleniaceae).

Philip. J. Sc. Bot. 7. 1912. P. 305; *Blumea* 7(1) : 54. 1952.

*D. cauliflora* Merr.

Philip. J. Sc. Bot. 9. 1914 (1915). P. 517.

**Isotype** : *D. cauliflora* : Samar, April 1914, *Ramos* Bs 1695.

**D. bracteata** Wight (Dilleniaceae).

Ic. Pl. Ind. Or. 2 : 4. t. 358. 1840 (as *bractiata* in tab.); *Blumea* 7(1) : 84. 1952; Fasc. Fl. Ind. 2 : 6. 1979.

**Type** : India : Balaghaut Mountains near Madras, *Wight* 13.

**Dillenia excelsa** (Jack) Gilg (Dilleniaceae).

Engl. & Prantl. Nat. Pfl. Fam. 3. 6. 1893. P. 123; Hoogl. in *Blumea* 7(1) : 86. 1952.

*D. magnoliaefolia* Martelli.

Becc., Malesia 3. 1886. P. P. 155.

**Isotype** : *D. magnoliaefolia* : Sumatra, Padang, Aug. 1878, *Beccari* P. S. 548.

**D. eximia** Miq. (Dilleniaceae).

Fl. Ind. Bat. Suppl. 1860. P. 620; Hoogl. in *Blumea* 7(1) : 75. 1952.

*Wormia scortechinii* King

J. Asiat. Soc. Beng. 58. II. 1889. P. 365.

**Isotype** : *D. eximia* : Sumatra, *Teysmann* 4402 HB.

**Type** : *W. scortechinii* : Malacca, March 1883, *Scortechini* 1864.

**D. indica** Linn. (Dilleniaceae).

Sp. Pl. 535. 1753; *Blumea* 7(1) : 108. 1952.

*D. elongata* Miq.

Fl. Ind. Bat. 1. 2. 1859. P. 12.

**Isotype** : *D. elongata* : Lubu Alung, Sum, W. Coast, *Teysmann* 453.

**D. masoni** (Gage) Hoogl. (Dilleniaceae).

*Blumea* 7(1) : 83. 1952.

*Wormia masoni* Gage

J. Asiat. Soc. Beng. N.S. 2. 1906. P. 73.

**Holotype** : Burma : Banks of Yunzalin Riv. above its junction with Salween, May 1905, *Manson s. n.*

**D. marsupialis** Hoogl. (Dilleniaceae).

Fl. Mal. 1. 4. 1951. P. 162. descr. angl.; *Blumea* 7(1) : 66. 1952.

**Isotype** : *Ramos & Edano* BS 75247.

**D. megalantha** Merr. (Dilleniaceae).

Philip. J. Sc. Bot. 9. 1914 (1915). P. 519; *Blumea* 7(1) : 61. 1952.

*D. mindanaensis* Elm.

Leafl. Philip. Bot. 7. 1915. P. 2611.

**Type** : *D. mindanaensis* : Philippine : Mindanao, Sept. 1909, *Elmer* 11883.

**D. monantha** Merr. (Dilleniaceae).

Philip. J. Sc. Bot. 9. 1914. P. 321 ; *Blumea* 7(1) : 102. 1952.

**Type** : Tatay, Palawan, April 1913, *Merrill* 9237.

- Dillenia ovalifolia** Hoogl. var. **sericea** Hoogl. (Dilleniaceae).  
Fl. Mal. 1. 4. 1951. P. 159. Descr. angl.; Blumea 7(1) : 34. 1952.  
Isotype : *de Hann* 1715.
- D. pentagyna** Roxb. (Dilleniaceae).  
Pl. Corom. 1. 1795. P. 21. t. 20. Blumea 7(1) : 117. 1952.  
*D. augusta* Roxb.  
Hort. Bengal 1814. P. 43. *nomen nudum*.  
Isotype : *D. augusta* : *Wallich* 948.
- D. philippiensis** Rolfe (Dilleniaceae).  
J. Linn. Soc. Bot. 21. 1884. P. 307 Hoogl. in Blumea 7(1) : 63. 1952.  
*D. catmon* Elm.  
Leafl. Philip. Bot. 7. 1915. P. 2610.  
Isotype : *D. catmon* : Philippine: Cabadbaran (Mt Urdaaneta), Agusan Prov., Mindanao, Aug. 1912, *Elmer* 13564.
- D. pulchella** (Jack) Gilg (Dilleniaceae).  
Engl. & Prantl. Nat. Pfl. Fam. 3. 6. 1893. P. 123; Blumea 7(1) : 113. 1952. *Wormia pulchella* Jack  
Mal. Misc. 2. 7. 1822. P. 70.  
Type : *W. pulchella* : Singapore, Oct. 15, 1892, *Ridley* 3965.
- D. reifferscheidia** Villar (Dilleniaceae).  
Nov. App., 1880. P. 3. based on *Reifferscheidia speciosa* Presl; Blumea 7(1) : 68. 1952.  
*D. reifferscheidia* var. *rosea* Elm.  
Leafl. Philip. Bot. 8. 1919. P. 3079.  
Isotype : *D. reifferscheidia* var. *rosea* : Luzon, Laguna Prov., June-July 1917, *Elmer* 18025.
- D. reticulata** King (Dilleniaceae).  
J. Asiat. Soc. Beng. 58. II. 1889, P. 367; Blumea 7(1) : 78. 1952.  
Holotype : Malacca : Dipong. March 1883. *Scortechinii* 1840.
- D. sibuyanensis** (Elm.) Murr. (Dilleniaceae).  
Merr. Philip. J. Sc. Bot. 9. 1914. P. 332 ; Blumea 7(1) : 99. 1952.  
Isotype : Magallanes, Isl. of Sibuyan, March 1910, *Elmer* 12078.
- D. suffruticosa** (Griff.) Martelli (Dilleniaceae).  
Becc, Malesia 3. 1886. P. 163; Blumea 7(1) : 70. 1952.  
*Wormia subsessilis* Miq.  
Fl. Ind. Bat. Suppl. 1860. P. 619.  
Isotype : *W. subsessilis* : *Teysmann* 3203.

**Dimeria borii** P. V. Sreekumar, V. J. Nair et N. C. Nair (Poaceae).

J. Econ. Tax. Bot. 3(2) : 657. 1982.

**Holotype** : India : Kerala : Calicut Dist., Kanjeerakkadavu near Kakkayam,  $\pm$  900 m, Nov. 26, 1981, *P. V. Sreekumar* 71855.

**D. keralae** N. C. Nair, P. V. Sreekumar and V. J. Nair (Poaceae).

J. Bombay Nat. Hist. Soc. 80 (3) : 626. 1983.

**Holotype** : India : Kerala : Paramba, Cannanore Dist., on way to Bandudka  $\pm$  150 m, Oct, 16, 1981, *P. V. Sreekumar* 71717.

**D. kollimalayana** M. Mohanan et A. V. N. Rao (Poaceae).

J. Bombay Nat. Hist. Soc. 80 (3) : 615. 1983.

**Holotype** : India : Tamil Nadu : Kollimalai, Salem Dist., 1200 m, Feb. 19, 1982, *M. Mohanan* 56208.

**Dimorphocalyx balakrishnanii** T. Chakrab. & Premanath (Euphorbiaceae).

J. Econ. Tax. Bot. 4(3) : 1013. 1983.

**Holotype** : India : Andaman-Nicobar Islands : Havelock Island, without locality,  $\pm$  40 m, May 15, 1974, *Ansari* 1368A.

**Paratypes** : India : South Andaman Island : Goplakabang, 1890, *King's Collector s. n.*, Acc. No. 412226; without locality, 1900, *Prain's Collector* 60.

**D. dilipianus** Balakr. & T. Chakrab. (Euphorbiaceae).

J. Econ. Tax. Bot. 4(3) : 1017. 1983.

**Holotype** : India : Andaman Nicobar Islands : South Andaman Island, Carbyn's cove,  $\pm$  20 m, Oct. 10, 1973, *Nair* 498A.

**Diploclisia glaucescens** (Bl.) Diels var. **kunstleri** (King) Pramanik et Thot h. (Menispermaceae).

Kew Bull. 42(3) : 705. 1987.

*Cocculus kunstleri* King

J. Asiat. Soc. Beng. 58 : 384. 1889.

**Syntypes** : Malaya : Perak : ulu Bublong, *King's Collector (Kunstler)* 4417, 10282.

**Diplospora andamanica** Balakr. et N. G. Nair (Rubiaceae).

Bull. Bot. Surv. India 24 : 31. 1982 (1983).

**Holotype** : India : North Andamans : Saddle peak, ca 600 m, Dec. 1, 1976 *Balakrishnan & Nair* 6762A.

**Diplospora majumdarii** Gang. et T. Chakrab. (Rubiaceae).

J. Econ. Tax. Bot. 13(1) : 86. 1989.

**Holotype** : Perak, Malaya Peninsula, Gunonginas, 5000 ft., *L. Wray Jr.* 4086, Herb. Acc. No. 207289.

**Isotype** : Ibid., *L. Wray Jr.* 4086, Acc. No. 207290.

**Paratype** : Ibid., Maxwell's Hills, June, 1893, *N. H. Reddy.*

**Dipterocarpus andamanicus** (King) Tewary & Sarkar (Dipterocarpaceae).

Indian Journ. Forestry 10(1) : 63-64. 1987.

*D. turbinatus* Gaertn. f. var. *andamanicu* King

J. Asiat. Soc. Beng. 62(2) : 92. 1893.

**Lectotype** : South Andaman : Hill Jungle, Dhanikhari, April 11, 1891, *Dr. King s. n.*, Acc. No. 50541.

**Drepanostachyum jainiana** (Das et Pal) R. Majumdar (Gramineae).

Bull. Bot. Surv. India 25(1-4) : 235. 1983 (1985).

*Chimonobambusa jainiana* Das et Pal

J. Econ. Tax. Bot. 4(3) : 1023-1024. 1983.

**Holotype** : India : Kalimpong : *Hazra* 12178.

**Drypetes balakrishnanii** T. Chakrab. et Gang. (Euphorbiaceae).

J. Econ. Tax. Bot. 12(2) : 393. 1988.

**Holotype** : Burma : Bhamo division, Bhamo, 1909, *GEC Cubitt* 31776.

**Paratype** : Bangladesh : Sylhet Dist. : Malycharow Hill, 1905. *M. Abu Hussain* 128.

**Dunbaria mamyoensis** Satyan. et Thoth. (Fabaceae).

Bull. Bot. Surv. India 27(1-4) : 152-153. 1985 (1987).

**Holotype** : Burma : Ani Sakau, Mamyo Plateau,  $\pm$  1160 m, Oct. 15, 1911, *J. H. Luce* 5494.

**Elaphoglossum cherapunji** S. R. Ghosh et A. Biswas (Elaphoglossaceae).

J. Econ. Tax. Bot. 4(3) : 996. 1983.

**Holotype** : India : Meghalaya : side of Chera valley, below Cherapunji,  $\pm$  300 m, Dec. 20, 1850, *Dr. J. Fyrrer s. n.*, CAL 25228.

**E. jowaiense** Anjali Biswas et S. R. Ghosh (Elaphoglossaceae).

J. Bombay Nat. Hist. Soc. 79(3) : 650. 1982.

**Holotype** : India : Jowai, 1500 m, Aug. 1892, *Dr. King's Collector s. n.*, (CAL 25226).

**Paratype** : India : Jowai : Punji, 1500 m, *G. Mann s. n.* (CAL 25248).

- Elaphoglossum prainii** S. R. Ghosh et A. Biswas (Elaphoglossaceae).  
J. Econ. Tax. Bot. 4(3) : 995. 1983.  
**Holotype** : India : Nagaland : Palan Bazar, Naga Hills, Sept. 1886,  
*D. Prain s. n.* (CAL 25233).
- E. simonsianum** S. R. Ghosh et A. Biswas (Elaphoglossaceae).  
J. Econ. Tax. Bot. 4(3) : 1001. 1983.  
**Holotype** : India : Meghalaya : Kalapani Hills, Sept. 1850, *Simons s. n.* (CAL 25244).
- E. thomsonii** S. R. Ghosh et A. Biswas (Elaphoglossaceae).  
J. Econ. Tax. Bot. 4(3) : 996. 1983.  
**Holotype** : India : Sikkim: West of Sikkim, Nov. 11, 1857, *T. Thomson s. n.* (CAL 25245).
- Elymus harsukhii** Dubey et Dixit (Gramineae).  
J. Econ. Tax. Bot. 12(1) : 227. 1988.  
**Holotype** : India : Kashmir : on way to Amarnath, 3800 m, 14th Aug. 1983, *Murugessan 65618A*.
- Epilobium semiamplexicaule** Chowdhery et S. Singh (Onagraceae).  
Indian Journ. Forestry 11(1) : 80-82. 1988.  
**Holotype** : India : Himachal Pradesh : Dist. Kinnaur, Rakcham,  
*K. P. Janardhanan 52679A*.
- E. spitianum** Chowdhery et Murti (Onagraceae).  
Indian Journ. Forestry 12(3) : 244. 1989.  
**Holotype** : India : Himachal Pradesh : Spiti Dist., Gette, 4300 m,  
Aug. 3, 1972, *U. C. Bhattacharyya 49272*.
- Epipogium sessanum** Hegde et Rao (Orchidaceae).  
J. Econ. Tax. Bot. 3(2) : 597. 1982.  
**Paratype** : India : Arunachal Pradesh : West Kameng Dist., 1100 m,  
*S. N. Hegde 3945*.
- Eragrostis santapau** K. G. Bhat. & C. R. Nagendran (Poaceae).  
Reinwardtia 10. Part 2. 127. 1985.  
**Holotype** : India : Karnataka : Coorg Dist., Mercara, growing in moist  
soil, Dec. 18, 1980, *K. G. Bhat 794*.
- Eria connata** Joseph, Hegde et Abbareddy (Orchidaceae).  
Bull. Bot. Surv. India 24 : 114. 1982 (1983).  
**Holotype** : India : Arunachal Pradesh : Kameng Dist., Sessa, 1100 m,  
Aug. 7, 1980, *N. R. Abbareddy 62391A*.



**Eria muscicola** (Lindl.) Lindl. var. **brevilinguis** Joseph et Chandrasekaran (Orchidaceae).

Bull. Bot. Surv. India 15 : 267. 1973 (1976).

**Holotype** : India : Kerala : Western slopes of Agastyamalai, 1500 m, (77°14'-77°15'E, Long. and 8°36'-8°37'N, Lat.), Trivandrum Dist., Oct. 6, 1973, *Joseph* 44630A, BSI/SC Acc. No. 86140.

**E. muscicola** (Lindl.) Lindl. var. **ponmudiana** Mohanan & Henry (Orchidaceae).

J. Econ. Tax. Bot. 8(2) : 425. 1986.

**Holotype** : India : Kerala : Trivandrum Dist., Ponmudi, ± 900 m, Aug. 16, 1980, *M. Mohanan* 69213.

**Eriocaulon kasaragodense** R. Ansari, V. J. Nair et N. C. Nair (Eriocaulaceae).

J. Econ. Tax. Bot. 11(1) : 235. 1987.

**Holotype** : India : Kerala : Kasaragod Dist., Beikal, 175 m, abundant in wet marshy places near paddy fields, June 21, 1981, *R. Ansari* 70984.

**E. keralense** R. Ansari, V. J. Nair et N. C. Nair (Eriocaulaceae).

J. Econ. Tax. Bot. 11(1) : 235. 1987.

**Holotype** : India : Kerala : Kasaragod Dist., Bela, 200 m, in the crevices of open base rocks, Oct. 1, 1982, *R. Ansari* 74420.

**E. nairii** M. Chandrabose et V. Chandrasekaran (Eriocaulaceae).

J. Bombay Nat. Hist. Soc. 79(1) : 165. 1982.

**Holotype** : India : Tamil Nadu : Konalar, Anamalai, Coimbatore Dist., Feb. 2, 1980, *Chandrabose* 65821.

**Eskemukerjea nepalensis** Malick et Sengupta (Polygonaceae).

Bull. Bot. Surv. India 11 : 433. 1969 (1971).

**Holotype** : Nepal : Jumla, 3000 m, Sept. 1963, *Itoh & Rajbhandari* 1175.

**Eugenia assamica** Biswas et Purkayastha (Myrtaceae).

Kew Bull. 262 : (1938) 1938.

**Type** : India : Assam : Passighat, June, 1936, *C. S. Purkayastha* 13491.

**E. memecylifolia** Talb. (Myrtaceae).

J. Bombay. Nat. Hist. Soc. 11 : 236. 1897.

**Type** : India : Karnataka : *Talbot* 3127.

**Eulalia fimbriata** (Hack.) O. Ktze. (Poaceae).

Rev. Gen. Pl. 2 : 775. 1891; J. Econ. Tax. Bot. 6(1) : 179. 1985.

*Pollinia fimbriata* Hack.

DC. Monogr. Phan. 6 : 164. 1889; Hook. f. Fl. Brit. Ind. 7 : 112. 1896,

**Type :** Peninsular India, Malabar, and Gonoan, *Hook. f. et Thomson s. n.*

***Eulalia manipurensis* Bor (Poaceae).**

Grass. Burma, Ceylon, India & Pakistan 156. 1960; J. Econ. Tax. Bot. 6(1) : 181. 1985.

**Type :** India : Manipur : Palel, 720 m, *N. L. Bor 17736.*

***E. mollis* (Griseb.) O. Ktze. (Poaceae).**

Rev. Gen. Pl. 2 : 775 (1891); J. Econ. Tax. Bot. 6(1) : 181. 1985.

*Erianthus mollis* Griseb.

Nachr. Ges. Wiss. Goettingen 92. 1868.

**Syntype :** India : Himalaya borealioccid, 1600-2000 m, *Hook. f. et Thoms. "Erianthus No. 3"*.

***E. phaeothrix* (Hack.) O. Ktze. (Poaceae).**

Rev. Gen. Pl. 2 : 775. 1891; J. Econ. Tax. Bot. 6(1) : 183. 1985.

*Pollinia phaeothrix* Hack.

DC. Monogr. Phan. 6 : 168. 1889; Hook. f. Fl. Brit. Ind. 7 : 112. 1896.

**Syntype :** Sri Lanka, *Thwaites 959.*

***E. quadrinervis* (Hack.) O. Ktze. (Poaceae).**

Rev. Gen. Pl. 2 : 775. 1891 ; J. Econ. Tax. Bot. 6(1) : 184. 1985.

*Pollinia quadrinervis* Hack.

DC. Monogr. Phan. 6 : 158. 1889; Hook. f. Fl. Brit. Ind. 7 : 110. 1896.

**Type :** India : Sikkim : Rimchingpong, *Anderson 1365.*

***E. quadrinervis* (Hack.) O. Ktze. var. *hirtifolia* (Hack.) P. Sur (Poaceae).**

J. Econ. Tax. Bot. 6(1) : 185. 1985.

*Pollinia hirtifolia* Hack.

DC. Monogr. Phan. 6 : 165. 1889 ; Hook. f. Fl. Brit. Ind. 7 : 111. 1896.

**Type :** India : Himachal Pradesh : Simla, *Hugal 758.*

*E. hirtifolia* (Hack.) A. Camus

***E. speciosa* (Debeaux) O. Ktze. var. *velutina* (Hack.) Bor (Poaceae).**

Grass. Burma, Ceylon, India & Pakistan 157. 1960; J. Econ. Tax. Bot. 6(1): 186. 1985.

*Pollinia velutina* Hack.

DC. Monogr. Phan. 6 : 169. 1889; Hook. f. Fl. Brit. Ind. 7 : 113. 1896.

**Isotype :** India : Meghalaya : Khasia, 1600-2000 m, *Hook. f. et Thomson s. n.*

**Eulalia staintonii** Bor (Poaceae).

Kew Bull. 12 : 411. 1958; J. Econ. Tax. Bot. 6(1) : 186. 1985.

**Type** : India : Uttar Pradesh : Kumaon, 7-8000 ft., Sept. 17, 1884, *J. F. Duthie* 3554.

**E. thwaitesii** (Hack.) O. Ktze. (Poaceae).

Rev. Gen. Pl. 2 : 775. 1891; J. Econ. Tax. Bot. 6(1) : 187. 1985.

*Pollinia thwaitesii* Hack.

DC. Monogr. Phan. 6 : 163. 1882; Hook. f. Fl. Brit. Ind. 7 : 111. 1896.

**Isotype** : Sri Lanka: *Thwaites* C. P. 949.

**E. trispicata** (Schult.) Henr. var. **hookeri** P. Sur (Poaceae).

Curr. Sci. 44(10) : 362. 1975; J. Econ. Tax. Bot. 6 (1) : 190. 1985.

**Holotype** : Nepal : Kukhure Dol (Phul), 2300 m, Oct. 5, 1967, *Mrs Pradhan* 7472.

**E. wightii** (Hook. f.) Bor (Poaceae).

Grass. Burma, Ceylon, India & Pakistan 158. 1960; J. Econ. Tax. Bot. 6(1) : 190. 1985.

**Isotype** : India : Tamil Nadu : Pulney Hills, *Wight* 3390.

**Eulaliopsis duthiei** P. Sur (Poaceae).

J. Bombay Nat. Hist. Soc. 72(3) : 815. 1975.

**Holotype** : India : Uttar Pradesh: Ganga Valley (Tehri-Garwal), June 11, 1883, *J. F. Duthie* 14.

**Eulophia hirsuta** Joseph et Vajravelu (Orchidaceae).

Bull. Bot. Surv. India 17(1-4) : 192. 1975.

**Holotype** : India : Kerala : Palghat Dist., Karasuryamalai-Anamada area, Nemara division, March 5, 76, Alt. 1150 m, between N. Lat. 10°30'-10°35' and E. Long. 76°45'-76°50', *Vajravelu* 46201A.

**E. nicobarica** Balakr. & N. G. Nair (Orchidaceae).

Bull. Bot. Surv. India 15 : 271. 1973 (1976).

**Holotype** : India : Car Nicobar, June 15, 1974, *N. G. Nair* 1647A.

**E. ucbii** Malhotra et Balodi (Orchidaceae).

Bull. Bot. Surv. India 26(1 & 2) : 92. 1984 (1985).

**Holotype** : India : Uttar Pradesh : Pithoragarh, Gori Valley, Garjia, April 1984, *Bipin Balodi* 75561A.

**Fuodia lunu-ankenda** (Gaertn.) Merrill var. **tirunelvelica** Henry et Chandr.  
(Rutaceae).

Bull. Bot. Surv. India 15 : 114. 1973 (1976); J. Econ. Tax. Bot. 13(1) : 199. 1989.

**Holotype** : India : Tamil Nadu : Agastyamalai, Tirunelveli Dist., July 2, 1964, *Henry et Chandrabose* 19224A.

**E. parkinsonii** Narayanan et Nayar (Rutaceae).

J. Econ. Tax. Bot. 13(1) : 201. 1989.

**Holotype** : India : Andamans, 1918, *Parkinson* 922.

**Euphorbia linearifolia** Roth var. **nallamalayana** Ellis (Euphorbiaceae).

Bull. Bot. Surv. India 8 : 345. 1966.

**Holotype** : India : Andhra Pradesh : Chelama, Nallamalais, Kurnool, Dist., July 6, 1963, *Ellis* 16774A.

**E. santapau** Henry (Euphorbiaceae).

Bull. Bot. Surv. India 6 : 329. 1964 (1965).

**Holotype** : India : Tamil Nadu : Agastyamalai Hills, Tirunelveli Dist., 1650 m, Aug. 27, 1963, *Henry* 17353A.

**E. tavoyensis** N. P. Balakrishnan (Euphorbiaceae).

J. Bombay Nat. Hist. Soc. 73(1) : 189. 1976.

**Holotype** : Burma : Heinye headwaters, Tavoy  $\pm$  650 m, Nov. 25, 1921, *P. T. Russell* 2216C.

**Isotype** : Ibid., *P. T. Russell* 2216A, B.

**Paratypes** : Ridge between Kyong Pyu chaung and Talaingya, Tavoy  $\pm$  600 m, Feb. 1, 1919, *A. T. Gage* 26 A-E.

**Eurya arunachalensis** Chauhan (Theaceae).

Indian Journ. Forestry 13(1) : 76. 1990.

**Holotype** : India : Arunachal Pradesh : Perila, 9180 ft., April 2, 1957, *G. Panigrahi* 6375A.

**Evrardia asraoa** Joseph et Abbareddy (Orchidaceae).

Bull. Bot. Surv. India 25(1-4) : 232-234. 1983 (1985).

**Holotype** : India : Meghalaya : Khasi Hills, from Pynursla, ca 1500 m, *Joseph* 73566A.

**Exacum wightianum** Arn. var. **uniflorum** A. N. Henry et M. S. Swaminathan (Gentianaceae).

J. Bombay Nat. Hist. Soc. 80(2) : 459. 1983.

**Holotype** : India : Tamil Nadu : Agastyamalai Hills, Tirunelveli Dist., May 27, 1963, *Henry* 16335.

**Festuca nandadevica** Hajra (Poaceae).

Indian Journ. Forestry 6(1) : 79. 1983.

**Holotype** : India : Uttar Pradesh : Nanda Devi National Park, Deodi Ramni, in *Rhododendron-Betula* forest, Aug. 25, 1981, *P. K. Hajra* 73285A.

**Fimbristylis crystallina** Govindarajalu (Cyperaceae).

Proc. Indian Acad. Sci. 79B(4) : 166. 1974.

**Paratype** : India : Tamil Nadu : Coimbatore, Italiyar-Anamalaiyar, Valparai, Jan. 4, 1971, *Govindarajalu* 10825A.

**F. multinervia** Govindarajalu (Cyperaceae).

J. Bombay Nat. Hist. Soc. 69(1) : 162. 1972.

**Type** : Burma : Pegu : Karen Country Hills, Jonkeyeghat, *S. Kurz* 637.

**Paratypes** : Burma : Pegu : Jonkeyeghat, 7 Pagodas, *S. Kurz* 628, 636; Pegu: *D. Brandis* 1018; without collector's name 2; Upper Burma : *J. C. Prager s. n.*; India: Nagaland: Leve Kohima, 1300 m, *Dr. D. Prain* 226.

**F. pustulosa** Govindarajalu (Cyperaceae).

Proc. Indian Acad. Sci. (Plant Sci.) 90(5) : 444. 1981.

**Isotype** : India : Tamil Nadu : Coimbatore, on the way to Italiyar and Anamalaiyar, occurring in marshy places 3000-3800 ft., *Govindarajalu* 12519D.

**F. rugosa** Govindarajalu (Cyperaceae).

Proc. Indian Acad. Sci. 78(2) : 48. 1973.

**Isotype** : India : Tamil Nadu : Kolhaiyar, Oct. 6, 1964, *Govindarajalu* 7615D.

**F. scabrisquama** Govindarajalu (Cyperaceae).

Proc. Indian Acad. Sci. 91(1) : 43. 1982.

**Isotype** : India : Tamil Nadu : Venniyar to Varaiyattumottai, Highways Mts., Madurai, occurring in grass slopes, *Govindarajalu* 12110A.

**F. semidisticha** Govindarajalu (Cyperaceae).

Proc. Indian Acad. Sci. 78(2) : 51. 1973.

**Paratype** : Mysore State : Bababudan Hills, *Govindarajalu* 8869B.

**Fimbristylis tortifolia** Govindarajalu (Cyperaceae).

Proc. Indian Acad. Sci. (Plant Sci.) 91(1) : 46. 1982.

**Isotype** : India : Tamil Nadu : Madurai, Kulikad, Highways, occurring in wet open grass rocks, Dec. 12, 1973, *Govindarajalu* 12000A.

**F. unispicularis** Govindarajalu et Hemadri (Cyperaceae).

Proc. Indian Acad. Sci. 82B (6) : 205. 1975.

**Holotype** : India : Maharashtra : Durga Khilla Plateau about 30 km west of Junnar, Poona, 1100 m, Oct. 1, 1965, *Hemadri* 107528A.

**Isotype** : Ibid., *Hemadri* 107528E.

**Folioceros paliformis** Singh (Anthocerotaceae).

Bull. Bot. Surv. India 29(1-4): 176. 1987 (1989).

**Holotype** : India : Arunachal Pradesh : West Kameng Dist., Prope Tipi, 3000 m, April 16, 1982, *D. K. Singh* 11671.

**Friesodielsia khoshooi** Vasud. et T. Chakrab. (Annonaceae).

J. Econ. Tax. Bot. 6(2) : 435. 1985.

**Holotype** : India : Andaman-Nicobar Islands: Great Nicobar Island, 44 km, on east-west road, April 27, 1984, *T. Chakraborty* 10193A.

**Gagea bulbifera** (Pall.) Salisb. (Liliaceae).

Konig & Sims. Ann. Bot. 2 : 557. 1806; J. Bombay Nat. Hist. Soc. 83(1) : 88. 1986.

*Ornithogalum bulbiferum* Pall.

Reise 2(2) : 736. t. Q. f. 2. 1776.

**Isotype** : USSR : Astrakhan: *Pallus s. n.*

**G. chitralensis** Dasgupta & Deb (Liliaceae).

Candollea 38(2) : 478. 1983.

**Paratype** : Tashkent : *Vvedensky* 53.

**G. persica** Boiss. (Liliaceae).

Diagn. Pl. Or. Nov. 1(7) : 108. 1846 *pro parte*; J. Bombay Nat. Hist. Soc. 83(1) : 85-87. 1986.

**Type** : Iran : Persepolis: *Kotschy* 237.

**Galium confertum** Royle ex Hook. f. var. **laceanum** Nayar et Malick (Rubiaceae).

Bull. Bot. Surv. India 11 : 429. 1969 (1971).

**Holotype** : N. W. Himalaya: Bashahr Rogi Cliffs, 3000 m, Aug. 2, 1890, *J. H. Lace* 469.

**Garcinia affinis** Wall. ex Pierre (Guttiferae).

Fl. For. Coch.-Chine. 16. t. 78C, 79G. 1883; Bull. Bot. Surv. India 6 (2-4) : 122. 1964 (1965).

*G. cornea* Choisy

Guttif. Ind. 53. 1851.

Type : Bangladesh: Sylhet, *Wallich* 4854.

**G. andamanica** King var. **andamanica** (Guttiferae).

J. Asiat. Soc. Beng. 59 : 170. t. 160. 1890; Bull. Bot. Surv. India 6(2-4) : 112. 1964 (1965).

Syntypes : India : Andaman Islands, *King's Collector* 224; *Kurz s. n.*; *Helper* 872.

**G. andamanica** King var. **pubescens** King (Guttiferae).

J. Asiat. Soc. Beng. 59 : 170. 1890; Bull. Bot. Surv. India 6(2-4) : 112. 1964 (1965).

Type : India : Andaman Islands: Hill's rocky place, Port Blair, *King's Collector* 136.

**G. anomala** Planch. & Triana (Guttiferae).

Ann. Sci. nat. Ser. 4. 14 : 329. 1860; Bull. Bot. Surv. India 6(2-4) : 117. 1964 (1965).

*G. monosperma* Berg et Schmidt.

Offiz. Gew. 4 : t. 33 d. 1863.

Syntypes : East Bengal: *Griffith* 848; Khasia, *Hooker f. & Thomson* 14.

**G. brevirostris** Scheff. (Guttiferae).

Tijdschr. Nederl. Ind. 31 : 353. 1870 et Flora 53 : 241. 1870; Bull. Bot. Surv. India 6(2-4) : 120. 1964 (1965).

*G. eugenifolia* Wall.

(Wall. Cat. 4873, 1831, *nom. nud.*) ex T. Anderson

Type : *G. eugenifolia* : Penang, *Wallich* 4873.

**G. cambogia** Desr. var. **conicarpa** (Wight) T. Anderson (Guttiferae).

Fl. Brit. Ind. 1 : 262. 1874; Bull. Bot. Surv. India 6(2-4) : 129. 1964 (1965).

*G. conicarpa* Wight

Icon. t. 121. 1839 et Illustr. 1 : 125. 1840.

Type : Shevagherry Hills : *Herb. Wight* 142.

**G. echinocarpa** Thwaites var. **monticola** Mahesh. (Guttiferae).

Hook. Kew Journ. 6 : 71. 1854 et Enum. Pl. Zeyl. 1 : 49. 1858; Bull. Bot. Surv. India 6(2-4) : 126. 1964 (1965).

Type : Ceylon: Central Province, *Thwaites* 335.

**Garcinia kurzii** Pierre (Guttiferae).

Fl. For. Coch.-Chine. Fnum. 14. t. 78A. 1883; Bull. Bot. Surv. India 6(2-4) : 123. 1964 (1965).

*G. speciosa* Kurz

Type : Andamans : *Kurz* 24.

**G. microstigma** Kurz (Guttiferae).

J. Bot. 13 : 324. 1875 et For. Fl. Brit. Burma 1 : 91. 1877; Bull. Bot. Surv. India 6(2-4) : 125. 1964 (1965).

Type : S. Andaman : *S. Kurz s. n.*

**G. pedunculata** Roxb. (Guttiferae).

(Hort. Beng. 42. 1814, *nom. nud.* et) Fl. Ind. 2 : 265. 1832; Bull. Bot. Surv. India 6(2-4) : 119. 1964 (1965).

Neotype proposed : Assam: Goalpara, *Wallich* 4860.

**G. speciosa** Wall. (Guttiferae).

Pl. Asiat. Rar. 3 : 37. t. 258. 1832; Bull. Bot. Surv. India 6(2-4) : 123. 1964 (1965).

Type : Burma : Amherst, *Wallich* 4855.

**G. stipulata** T. Anderson (Guttiferae).

Fl. Brit. Ind. 1 : 267. 1874; Bull. Bot. Surv. India 6(2-4) : 116. 1964 (1965).

Type : Sikkim : *Hooker f. & Thomson* 17.

**G. talbotii** Raizada ex Santapau (Guttiferae).

Rec. Bot. Surv. India (ed. 2) 16 : 14. 1960; Bull. Bot. Surv. India 6(2-4) : 113. 1964 (1965).

*G. ovalifolia* var. *macrantha* T. Anderson

Fl. Brit. Ind. 1 : 269. 1874.

*G. malabarica* Talbot

J. Bombay Nat. Hist. Soc. 11 : 234. t. 1. 1897 et For. Fl. Bomb. Pres. 1 : 96. 1909.

Type : India : North Kanara: Gairsoppah Ghat, *W. A. Talbot* 3713.

**Garnotia schmidii** Hook. f. (Poaceae).

Fl. Brit. Ind. 7 : 242. 1897; Fasc. Fl. Ind. 3 : 11. 1979.

Syntype : India : Tamil Nadu : Nilgiri Hills, *Schmid s. n.*

**G. scoparia** Thw. (Poaceae).

Enum. Fl. Zeyl. 363. 1864; Fasc. Fl. Ind. 3 : 12. 1979.

Type : Ceylon (Sri Lanka) : *Thwaites* C. P. 943.



**Gastrochilus corymbosus** A. P. Das et Chanda (Orchidaceae).

J. Econ. Tax. Bot. 12(2) : 401. 1988.

**Holotype** : India : W. Bengal : Darjeeling, Jalpahar, 2200 m, Oct. 29, 1982, *A. P. Das* 823.

**Gaultheria seshagiriana** Sub. et Kum. (Ericaceae).

Bull. Bot. Surv. India 10(2) : 223. 1968 (1969).

**Holotype** : India : Arunachal Pradesh : Siang Frontier Division, Nov. 19, 1958, *R. S. Rao* 17863A.

**Isotype** : *Ibid.*, *R. S. Rao* 17863B.

**Geniosporum tenuiflorum** (L.) Merr. var. **longiracemosum** (Ramamurthy et Sebastine) Sant. & Jain (Labiatae).

Indian For. 92 : 643. 1966.

**G. prostratum** (L.) Benth. var. **longiracemosum** Ramamurthy & Sesastine.

Bull. Bot. Surv. India 6 : 325. 1964 (1965).

**Holotype** : India : Tamil Nadu : Kudiraimoli Teri R. F., Tiruchendur taluk, Tirunelveli Dist., Nov. 29, 1961, *Sebastine & Ramamurthy* 13701A.

**Isotype** : *Ibid.*, *Sebastine & Ramamurthy* 13701B.

**Gentiana tetrasepala** Biswas (Gentianaceae).

Hook. f. Ic. Plant. 4 : ser. 5. t. 3359. fig. 1-9. 1938 ; J. Econ. Tax. Bot. 3(3) : 1000. 1982.

**Holotype** : India : Kumaon, Ratam (Ralam) Valley, 13000-14000 ft., ( $\pm$  4000-5000 m), Aug. 26, 1884, *Duthie* 3166.

**Geranium acotinitifolium** L'. Herit. var. **album** Ghosh et Bhattacharyya (Geraniaceae).

J. Econ. Tax. Bot. 10(2) : 312. 1987.

**Holotype** : India : Himachal Pradesh : Thumla, Spiti Valley, 4200 m, Aug. 1, 1972, *U. C. Bhattacharyya* 49241A.

**Geum aequilobatum** Purohit et Panigrahi (Rosaceae).

Bull. Bot. Surv. India 21 : 205. 1979 (1981).

**Holotype** : India : Uttar Pradesh : Tehri Garhwal, on way to Ghuttu, Jan. 8, 1972, *B. D. Naithani* 48206.

**Gigantochloa ligulata** Gamble (Poaceae).

Ann. R. Bot. Gard. Calc. 7 : 67. 1896; Reinwardtia 10(Part 3) : 361. 1987.

**Isotype** : Malaya : Perak, *J. Wray Jr.* 845.

**Gigantochloa scortechinii** Gamble (Poaceae).

Ann. R. Bot. Gard. Calc. 7 : 62. 1896; Reinwardtia 10. Part 3. 341. 1987.

**Isotype** : Malaya Peninsula: Perak, *Father Scortechini s. n.*

**Globba rubromaculata** J. Lal et D. M. Verma (Zingiberaceae).

Bull. Bot. Surv. India 29(1-4) : 26. 1987 (1989).

**Holotype** : India : Arunachal Pradesh : Ganga Lake, 450 m, Itanagar, Oct. 2, 1986. *J. Lal* 2201A.

**Glochidion airyshawii** Balakr. et T. Chakrab. (Euphorbiaceae).

Bull. Bot. Surv. India 25(1-4) : 220-222. 1983 (1985).

**Holotype** : India : Andaman & Nicobar Islands: Middle Andaman Island, Lataw near Mayabunder,  $\pm$  20 m, May 4, 1974, *Balakrishnan* 1337A.

**G. bilobulatum** Vasud. et T. Chakrab. (Euphorbiaceae).

*J. Econ. Tax. Bot.* 5(4) : 936. 1984.

**Holotype** : India : Andaman-Nicobar Islands: North Andaman Island, Saddle Peak Range, Lamia Bay slope, March 31, 1977, *Balakrishnan* 5426A.

**G. hongkongense** Muell.-Arg. var. **puberulum** T. Chakrab. et Gang. (Euphorbiaceae).

*J. Econ. Tax. Bot.* 13(3) : 712. 1989.

**Holotype** : Upper Burma, Jan. 1892, *Abdul Huk s. n.*, Acc. No. 403944.

**G. insulare** Hook. f. var. **brevistylum** T. Chakrab. et Gang. (Euphorbiaceae).

*J. Econ. Tax. Bot.* 13(3) : 715. 1989.

**Holotype** : Burma, Mergui, Mar. 20, 1924, *C. C. Calder* (R. N. Parker) *s. n.* Acc. No. 419320.

**G. subsessile** Balakr. et T. Chakrab. ssp. **birmanicum** T. Chakrab. et Gang. (Euphorbiaceae).

*J. Econ. Tax. Bot.* 13(3) : 716. 1989.

**Holotype** : Burma : Kalay Hills, July 6, 1894, *J. C. Prazer* 96, Acc. No. 403959.

**Isotype** : *Ibid.*, *J. C. Prazer* 96, Acc. No. 403955.

**Glycine wightii** Verdcourt subsp. **wightii** Verdcourt var. **coimbatorensis** Ajita Sen (Leguminosae).

*J. Bombay Nat. Hist. Soc.* 74(2) : 330. 1977.

**Paratypes** : India : Kerala: Bolampatti, South Fuel Working Circle, Dec. 7, 1909, *C. E. C. Fischer* 1508; Kamalapores, Sept. 1910, *A. Meebold* 11285.

**Gomphogyne macrocarpa** Cogn. (Cucurbitaceae).

Engl. Das Pflanzenr. 4 : 40. 1916; Fasc. Fl. Ind. 11 : 52. 1982.

**Neotype** : India : Arunachal Pradesh: Tirap Fd., Langsang, Kothang, Deb 26151A.

**Gomphostemma keralensis** Vivek, Gopalan & Ansari (Labiatae).

Kew Bull. 38(2) : 189. 1983.

**Holotype** : Kerala : Iddiki, 950 m, Oct. 10, 1976, *Vivekananthan* 48658.

**G. nayarii** Chauhan (Labiatae).

Bull. Bot. Surv. India 28 : 182. 1986 (1988).

**Holotype** : India : Meghalaya : Khasi Hills, Nongstoin, Sept. 5, 1985, *A. S. Chauhan* 81993A.

**Grammitis pilifera** Joseph (Grammitidaceae).

J. Bombay Nat. Hist. Soc. 76(2) : 348. 1979.

**Holotype** : India : Kerala: From Ponmudi Hills, Trivandrum Dist., Nov. 13, 1975, 750 m, *Ravi* 5711A.

**Graphina awasthii** C. G. Dharne et K. N. Roychoudhury (Graphidaceae).

Bull. Bot. Surv. India 10 : 267. 1968.

**Type** : India: W. Bengal: Darjeeling, Sukhna Reserve Forest, 300-400 m, on the bark of trees, Jan. 4, 1967, *C. G. Dharne* 544.

**G. darjeelingensis** Dharne et Roychoudhury (Graphidaceae).

Bull. Bot. Surv. India 10 : 267. 1968 (1969).

**Type** : India : W. Bengal: Darjeeling, Manibhanjan, on the bark of trees, 2500 m, Dec. 30, 1966, *C. G. Dharne* 221.

**Grona filicaulis** Kurz (Leguminosae).

Bull. Bot. Surv. India 17(1-4) : 205. 1975.

**Holotype** : Pegu, Dec. 29, 1870, *S. Kurz* 2549.

**Gueldenstaedtia santapaui** Thoth. (Leguminosae).

Bull. Bot. Surv. India 10 : 391. 1968.

**Holotype** : Bhutan : Chin-la-Pass, Paro, 4200 m, Aug. 20, 1963, *Balakrishnan & Sengupta* 619.

**Gymnema lushaiense** Rahman et Wilcock (Asclepiadaceae).

J. Econ. Tax. Bot. 13(1) : 181. 1989.

**Type** : India: Lushai Hills, Prope Lunglah, 3-4000 ft., *A. T. Gage* 74.

- Gymnosporia bailadillana** Narayanaswami et Mooney (Celastraceae).  
 J. Indian Bot. Soc. 20(4) : 191. 1941.  
 Type : India : Bailadilla Hill, Bastar State, *H. Mooney* 890.
- Habrodon kashmiriensis** Vohra (Fabroniaceae).  
 Bull. Bot. Surv. India 11 : 70. 1969 (1971).  
 Holotype : India : Kashmir: Tangmarg, N. W. Himalaya, 2000 m, Sept. 9, 1961, *Vohra* et *Wadhwa* 567.
- Haplocladium microphyllum** (Hedw.) Broth. ssp. **capillatum** (Mitt.) Reim.  
 var. **bhutanicum** Vohra (Thuidiaceae).  
 Bull. Bot. Surv. India 20(1-4) : 152. 1978 (1979).  
 Holotype : Bhutan : Dochula, 3050 m, on tree trunk, Sept. 22, 1964, *Vohra* 2003.  
 Paratype : Bhutan : Aug.-Sept. 1963, *Wadhwa* 185.
- Harrisonia perforata** (Blanco) Merr. (Simarubaceae).  
 Philip. J. Sci. Bot. 7 : 236. 1912; Fasc. Fl. Ind. 4 : 12. 1980.  
 Type : Philippines : Mandaloyon, Rizal Prov., Luzon, April 20, 1914, *Merrill Species Blancoanae* 433.
- Hedychium calcaratum** A. S. Rao et D. M. Verma (Zingiberaceae).  
 Bull. Bot. Surv. India 11 : 120. 1969 (1971).  
 Holotype : India : Meghalaya ; Jowai Bodorpur Road, 96 km from Shillong, Khasia & Jaintea Hills, July 22, 1957, *G. K. Deka* 10134A.
- H. dekianum** A. S. Rao et D. M. Verma (Zingiberaceae).  
 Bull. Bot. Surv. India 11 : 122. 1969 (1971).  
 Holotype : India : Meghalaya; Khlie Hriat Road from Jowai, Khasia & Jaintea Hills, July 15, 1966, *G. K. Deka* 35605A.
- H. gracillimum** A. S. Rao et D. M. Verma (Zingiberaceae).  
 Bull. Bot. Surv. India 11 : 124. 1969 (1971).  
 Holotype : India : Meghalaya: Experimental Garden, Botanical Survey of India, Woodlands, Shillong, Khasia & Jaintea Hills, July 1, 1967, Introduced from Pynursla, Khasia & Jaintea Hills, *D. M. Verma* 35650.
- H. longipedunculatum** A. R. K. Sastry et D. M. Verma (Zingiberaceae).  
 J. Bombay Nat. Hist. Soc. 65(2) : 293. 1968.  
 Holotype : India : Arunachal Pradesh : Subansiri Dist., Amjee, 1220 m, May 22, 1966, *A. R. K. Sastry* 45509A.  
 Paratypes : India : Naga Hills: July 1844, *Anon. s. n.*, Acc. No. CAL-466858, in Flower; Konoma Hill, 2500 m, May 19, 1895, *G. Watt* 11609, in flower.

- Hedychium radiatum** A. S. Rao et P. K. Hajra (Zingiberaceae).  
Bull. Bot. Surv. India 16 : 163. 1974 (1977).  
**Holotype** : India : Arunachal Pradesh : Nyertsephu-Wana Camp Road, Kameng Dist., *A. S. Rao* 56655A.
- H. robustum** A. S. Rao et P. K. Hajra (Zingiberaceae).  
Bull. Bot. Surv. India 16 : 166. 1974 (1977).  
**Holotype** : India : Arunachal Pradesh : Jamiri, Kameng Dist., *A. S. Rao* 56654A.
- H. rubrum** A. S. Rao et D. M. Verma (Zingiberaceae).  
Bull. Bot. Surv. India 11 : 126. 1969 (1971).  
**Holotype** : India : Meghalaya: Experimental Garden, Botanical Survey of India, Woodlands, Shillong, Khasia & Jaintea Hills, Aug. 12, 1965, *D. M. Verma* 34599A.
- Hedyotis bourdillonii** (Gamble) Rolla Rao et Hemadri (Rubiaceae).  
Indian For. 99 : 378. 1973; J. Bombay Nat. Hist. Soc. 83(2) : 466. 1986.  
*Oldenlandia bourdillonii* Gamble  
Kew Bull. 1919 : 404. 1919.  
*H. silent-valleyensis* Vajravelu *et al.*  
J. Bombay Nat. Hist. Soc. 80(2) : 402. 1983 (1984).  
**Holotype** : *H. silent-valleyensis* : India : Kerala : Palghat Dist., Silent Valley, Kothipuzha dam-site, May 27, 1966, *Vajravelu* 27674.
- H. devicolamensis** D. B. Deb et Ratna Dutta (Rubiaceae).  
J. Bombay Nat. Hist. Soc. 82(3) : 619. 1985.  
**Holotype** : India : Kerala : Kottayam Dist., Devicolam, Sept. 11, 1968. *D. B. Deb* 30480.  
**Isotype** : *D. B. Deb* 30481.  
**Paratypes** : Umaiya Malei, 2025 m, Devicolam, April 17, 1966, *B. V. Shetty* 27311; Rajamallai, 1950 m, Feb. 2, 1970, *B. V. Shetty* 31783; Devicolam, Jan. 25, 1964, *K. M. Sebastine* 18458.
- H. erecta** Manilal et Sivarajan (Rubiaceae).  
Notiser, 129(2) : 191. 1976.  
**Isotype** : Thiruvangad, 50 MSI, Sept. 8, 70, *Sivarajan* 491.
- H. santapau** Shetty et Vivek. (Rubiaceae).  
Bull. Bot. Surv. India 11 : 447. 1969 (1971).  
**Holotype** : India : Kerala: Umaiya Malai, Devicolam, Kottayam Dist., Nov. 17, 1965, *Shetty* and *Vivekananthan* 26471A.

**Hedyotis tavoyensis** Balakr. (Rubiaceae).

J. Bombay Nat. Hist. Soc. 71(1) : 168. 1974.

**Holotype** : Burma : Tavoy: Talaingya Chaung, 900 m, Feb. 7, 1919, A. T. Gage 68A.

**Isotype** : Ibid., A. T. Gage 68B.

**Hemiadelphis polyspermus** (Roxb.) Nees var. **joshianus** Rao et Biswas (Acanthaceae).

Indian For. 94(9) : 657-658. 1968.

**Holotype** : India : Uttar Pradesh : Chandmari, Varanasi, Varanasi Dist., 85 m, S. P. Singh 2558A.

**Heritiera kanikensis** Majumdar et Banerjee (Sterculiaceae).

Bull. Bot. Surv. India 27(1-4) : 150-151. 1985 (1987).

**Holotype** : India : Orissa : Bhitarkanika, Aug. 7, 1973., L. K. Banerjee 10295A.

**Isotypes** : Ibid., 10295B-C.

**Hibiscus beddomei** Rakshit et Kundu (Malvaceae).

Sci. & Cult. 27 : 192. 1961; Fasc. Fl. Ind. 19 : 126. 1988.

**Holotype** : India : Without precise locality, *Beddome* 92.

**H. fragrans** Roxb. (Malvaceae).

Roxb. [Hort. Beng. 97. 1814. *nom. nud.*] Fl. Ind. ed. Carey 3 : 195. 1832 ; Fasc. Fl. Ind. 19 : 13. 1988.

**Neotype** : Bangladesh : Sylhet, Wall. Cat. No. 1911A.

**H. hoshiarpurensis** T. K. Paul et Nayar (Malvaceae).

Bull. Bot. Surv. India 25(1-4) : 188-189. 1983 (1985); Fasc. Fl. Ind. 19 : 131. 1988.

**Isotype** : India : Punjab : Dholbah (Hoshiarpur Dist.), Sept. 22, 1970, O. P. Misra 41888B.

**H. scandens** Roxb. (Malvaceae).

Roxb. [Hort. Beng. 51. 1814. *nom. nud.*] Fl. Ind. ed. Carey 3 : 200. 1832 ; Fasc. Fl. Ind. 19 : 150. 1988.

**Neotype** : H. B. C., Wall. Cat. No. 1910.

**H. surattensis** L. f. forma **immaculata** Kurz ex Rakshit (Malvaceae).

Sci. & Cult. 87(4) : 194. 1961.

**Type** : Burma : Pegu : Yomah, Kurz 1248.

- Hibiscus talbotii** (Rakshit) T. K. Paul et Nayar (Malvaceae).  
Bull. Bot. Surv. India 22 : 197 (1980) 1982; Fasc. Fl. Ind. 19 : 156. 1988.  
*H. hirtus* var. *talbotii* Rakshit  
Sci. & Cult. 27(4) : 193. 1961.  
**Holotype** : India : North Canara : *W. A. Talbot* 68.
- Hiptage thothathrii** Balakr. et Srivastava (Malpighiaceae).  
J. Econ. Tax. Bot. 4(3) : 985. 1983.  
**Holotype** : India : N. Andamans : Saddle Peak, 600-700 m above  
m. s. l., *Balakrishnan* 5377.
- Holboellia khasiana** T. K. Paul et Nayar (Lardizabalaceae).  
Bull. Bot. Surv. India 27(1-4) : 105. 1985 (1987).  
**Holotype** : India : Meghalaya : Khasia, Cherra, 5000 ft., (1520 m),  
*Griffith s. n.*, Acc. No. 16830.
- H. latifolia** Wall. var. *latifolia* (Lardizabalaceae).  
Tent. Fl. Nep. 24. t. 16. 1824; Fasc. Fl. Ind. 19 : 32. 1988.  
**Type** : Nepal Himalaya : Wall. Cat. No. 4950.  
var. **angustifolia** (Wall.) Hook. f. & Thoms.  
Fl. Brit. Ind. 1 : 108. 1872.  
*H. angustifolia* Wall.  
Tent. Fl. Nep. 24. t. 17. 1824.  
**Type** : Nepal : Wall. Cat. No. 4951.
- Hoya kanyakumariana** Henry et Swaminathan (Asclepiadaceae).  
J. Bombay Nat. Hist. Soc. 75(2) : 462. 1978.  
**Holotype** : India : Tamil Nadu : Vallachithodu, Lower Kodayar,  
Konyakumari, 600 m, Sept. 6, 1976, *Henry* 48243A.
- H. manipurensis** Deb (Asclepiadaceae).  
J. Indian Bot. Soc. 34(1) : 50. 1955.  
**Holotype** : India : Manipur : Litan, 3000 ft., Sept. 1, 1953, epiphytic  
on *Ficus glomerata* Roxb., *Deb* 1081.
- Hugonia belli** Sedgwick (Linaceae).  
Indian For. 46 : 424. 1920; Fasc. Fl. Ind. 13 : 4. 1983.  
**Type** : Solepoli, Coorg, *Sedgwick & Bell* 5457.
- Humboldtia unijuga** Bedd. var. *trijuga* Joseph et Chandrasekaran  
(Caesalpiniaceae).  
J. Bombay Nat. Hist. Soc. 81(3) : 729. 1984.

**Holotype** : India : Kerala: Koviltherimalai, near Bonaccord Estate, Trivandrum Dist., Oct. 2, 1973, *Joseph* 44511.

**Huodendron biaristatum** (W. W. Sm.) Rehder (Styracaceae).

J. Arn. Arb. 16 : 345. 1935.

*Styrax biaristatus* W. W. Smith

Notes Roy bot. Gard. Edinburgh 12 : 233. 1920.

**Iso-syntype** : China : Yunnan, Nov., 1919. *G. Forrest* 18833.

**Hydnocarpus kurzii** (King) Warb. ssp. **australis** Sleum. forma **latifolia** N. Mukherjee (Flacourtiaceae).

J. Bombay Nat. Hist. Soc. 69(2) : 394. 1972.

**Holotype** : Burma : Pegu, *Kurz* 532.

**Hydrogonium mussoorianum** Vohra (Pottiaceae).

J. Bombay Nat. Hist. Soc. 63(2) : 464. 1966.

**Holotype** : India : N. W. Himalaya : Mussoorie, 2000 m, March 22, 1963, *Vohra* 453A.

**Hygrohypnum choprae** Vohra (Amblystegiaceae).

Bull. Bot. Surv. India 22(1-4) : 117. 1980 (1982).

**Isotype** : India : W. Bengal : Darjeeling, 2400 m, July 1935, *Chopra* 115 (Present under the name *Hygrohypnum angustirete* Dix. mss.).

**H. nairii** Vohra (Amblystegiaceae).

Bull. Bot. Surv. India 22(1-4) : 117. 1980 (1982).

**Holotype** : India : Uttar Pradesh : Kumaon, Pithoragarh, Kalamuni Pass, 3200 m, March 30, 1966, *Nair* M 12.

**Hymenandra narayanaswamii** Nayar et Giri (Myrsinaceae).

J. Bombay Nat. Hist. Soc. 72(3) : 819. 1975.

**Holotype** : Burma : Tavoy : *P. T. Russell* 2105.

**Hypocoum leptocarpum** Hook. f. et Thoms. (Papaveraceae).

Fl. Ind. 1 : 276. 1855 et Hook. f. Fl. Brit. Ind. 1 : 120. 1872; Fasc. Fl. Ind. 17 : 43. 1984.

**Type** : Tibet : Temp. region, 3050-3660 m, *T. Thomson s. n.*

**Hypericum assamicum** S. N. Biswas (Hypericaceae).

*Webbia* 25(2) : 671. 1971.

**Holotype and Isotype** : India : Assam : Nowgong, March 1848, *Simons s. n.*



**Hypericum bengalensis** S. N. Biswas (Hypericaceae).

Bull. Bot. Surv. India 29(1-4) : 53. 1987 (1989).

**Holotype** : India : W. Bengal : Kalimpong, 1060 m, June 2, 1959, S. K. Mukerjee 5094.**Isotypes** : Ibid., S. K. Mukerjee 5094A and 5094B.**H. burmanicum** S. N. Biswas (Hypericaceae).

Bull. Bot. Surv. India 29(1-4) : 54. 1987 (1989).

**Holotype** : Burma : Shan Hill, Fort Stedman, alt. 1215 m, Aug. 1892, H. H. Hildebrand s. n.**Paratype** : Burma : Shan States, an erect shrubs, 5-6 ft., with yellow Fls., March 5, 1932, A. Long 10374.**H. griffithii** Hook. f. et Thoms. ex Dyer (Hypericaceae).

Fl. Brit. Ind. 1 : 253. 1874. emend. ; Bull. Bot. Surv. India 13 : 161. 1971 (1973).

**Isotype** : Bhutan : 1861-62, Griffith 833.**H. hookerianum** Wt. et Arn. var. **dentatum** S. N. Biswas (Hypericaceae).

Bull. Bot. Surv. India 25(1-4) : 195-196. 1983 (1985).

**Holotype** : India : Tamil Nadu : Perumalmalai, Kodaikanal,  $\pm 2000$  m, July 27, 1965, K. M. Sebastine 24992.**Paratype** : Sikkim Himalaya : Below Changu, 3040 m, Sept. 22, 1926, J. C. Dawa 167.**H. humifusum** L. ssp. **suborbiculatum** S. N. Biswas (Hypericaceae).

Bull. Bot. Surv. India 29(1-4) : 53. 1987. (1989).

**Holotype** : Nepal, Near Jagat, alt. 8500 ft., by small stream in grass, flowers yellow, July 5, 1954, Stainton, Sykes & Williams 3374.**Paratype** : India : W. Bengal : Dist. Darjeeling, S. K. Mukerjee & party 645.**Hypocybe boriviliensis** Sharma, Sandhya Deshpande & Pradhan (Ord. Agaricales).

Bull. Bot. Surv. India 28 : 171. 1986 (1988).

**Holotype** : India : Bombay, Borivili, National Park, Aug. 22, 1985, Sharma 169123 (Cryptogamic Unit).**Hypoestes andamanensis** Thoth. (Acanthaceae).

Reinwardtia 7 : 1-3. 1965.

**Holotype** : India : North Andamans : From forests of Austin II, 30 m, Feb. 1, 1959, Thothathri 9157A.**Isotypes** : Ibid., Thothathri 9157B-H.

**Hypoestes thothathrii** Vasud. & T. Chakrab. (Acanthaceae).

J. Econ. Tax. Bot. 5(4) : 989. 1984.

**Holotype** : India : Andaman-Nicobar Islands: South Andamans, Rutland Island, Barakhari (N-S Road, 14 km onwards), Jan. 21, 1982, *Vasudeva Rao* 8601A.

**H. triflora** R. & S. var. **pedunculata** Balakr. (Acanthaceae).

Bull. Bot. Surv. India 16 : 172. 1974 (1977).

**Holotype** : India : Meghalaya : Raliang, Jowai Dist., Nov. 24, 1969, shaded moist places in subtropical forests, 1000-1500 m, *Balakrishnan* 50252A.

**Ilex longicaudata** Comber (Aquifoliaceae).

Bull. Bot. Surv. India 17(1-4) : 199. 1975.

**Isotype** : China : Yunnan : Shweli-Salween divide, Lat. 25°20' N, 3300 m, July 1917, *G. Forrest* 15657 (Male).

**Illigera gammiei** Nayar et Giri (Hernandiaceae).

Bull. Bot. Surv. India 25(1-4) : 249-251. 1983 (1985).

**Holotype** : India : Assam : Dihing River, March 19, 1894, *G. A. Gammie* 142A.

**Isotypes** : Ibid., *Gammie* 142B-E.

**Impatiens chandrasekharanii** M. Chandrabose (Balsaminaceae).

J. Bombay Nat. Hist. Soc. 75(3) : 901. 1978.

**Holotype** : India : Tamil Nadu : Akkamalai, Anamalai in Coimbatore Dist., July 23, 1978, *Chandrabose* 57269A.

**I. konalarensis** M. Chandrabose, V. Chandrasekaran and N. C. Nair (Balsaminaceae).

J. Bombay Nat. Hist. Soc. 81(3) : 676. 1984.

**Holotype** : India : Tamil Nadu : Coimbatore Dist., Konalar, Anamalai, Nov. 18, 1980, *Chandrabose* 69013.

**Indigofera bella** Prain (Fabaceae).

Reinwardtia 10. Part 2. 216. 1985.

**Lectotype selected** : Upper Burma : Kalay Hills, Sept. 9, 1894, *J. C. Prager s. n.*

**I. bracteata** Grah. ex Baker var.  **khasiana** Sanjappa (Fabaceae).

J. Bombay Nat. Hist. Soc. 81(2) : 449. 1984.

**Holotype and Isotype** : India : Meghalaya : Khasia Hills, 5-6000 ft., *Hooker f. & Thomson s. n.*

**Indigofera chitralensis** Sanjappa (Fabaceae).

Bull. Bot. Surv. India 28 : 228. 1986 (1988).

**Holotype** : Pakistan : Chitral : June 20, 1985, Western Himalayas, *S. A. Harriss* 16069.

**I. gangetica** Sanjappa (Fabaceae).

Bull. Bot. Surv. India 28 : 225. 1986 (1988).

**Holotype and Isotype** : India : Uttar Pradesh : Kumaon, *Wallich* 5480 *ex parte*.

**I. maymyoensis** Sanjappa (Fabaceae).

*Reinwardtia* 10. Part 2. 227. 1985.

**Holotype** : Burma : Maymyo plateau, 3500 ft., July, 1909, *Lace* 4846.

**Paratypes** : Nov. 5, 1911, *Lace* 5519 & June 21, 1913, *Lace* 6227.

**I. meghalayensis** Sanjappa (Fabaceae).

*Reinwardtia* 10. Part 2. 227. 1985.

**Paratypes** : Burma : Mt. Victoria, Cat. 8000 ft., Chhin Hills, 1939, *Dikason* 8534; unknown locality, Chhin Hills, 1985, *Dunn* 82.

**I. minbuensis** Gage (Fabaceae).

*Rec. Bot. Surv. India* 3 : 40. 1904; *Reinwardtia* 10. Part 2. 229. 1985.

**Lectotype** : Burma : Chhin Hills, Minbu Dist., 4000 ft., Jan. 1903, *S. Mokim* 1158A.

**I. nigrescens** Kurz ex King & Prain (Fabaceae).

*J. Asiat. Soc. Beng.* 67 : 286. 1898; *Reinwardtia* 10. Part 2. 231. 1985.

**Lectotype** : Upper Burma : Maymyo, Oct. 1888, *B. Khan* 203.

**I. scabrida** Dunn. (Fabaceae).

*J. Linn. Soc.* 35 : 487. 1903; *Reinwardtia* 10. Part 2. 233. 1985.

**Lectotype** : China : Yunnan : 4600-6000 ft., *A. Henry* 9686 (Photo & Type number).

**I. sesquipedalis** C. B. Clarke ex Sanjappa (Fabaceae).

*J. Bombay Nat. Hist. Soc.* 81(2) : 445. 1984.

**Holotype** : India : Meghalaya : Shillong, 5000 ft., June 1, 1885, *C. B. Clarke* 38232.

**I. squalida** Prain (Fabaceae).

*J. Asiat. Soc. Beng.* 66 : 355. 1897 et *Ann. Roy. Bot. Gard. Cal.* 9 : 21. t. 27. 1901; *Reinwardtia* 10, Part 2. 235. 1985.

**Lectotype selected** : Upper Burma : Fort Stedmann, June 5, 1893, *King's Collector* 442.

**Indigofera thothathrii** Sanjappa (Fabaceae).

J. Jap. Bot. 59(9) : 272. 1984.

**Isotype** : India : Uttar Pradesh : Bhabraich Dist., Nishangara, near Forest Rest House, Sept. 11, 1956, *H. Pirson* 1412.

**I. tirunelvelica** Sanjappa (Fabaceae).

J. Bombay Nat. Hist. Soc. 79(3) : 647. 1982.

**Holotype** : India : Tamil Nadu : Tirunelveli Dist., along roadside between Kalakkad and Sengalteri, 300 m, Dec. 18, 1980, *M. Sanjappa* 717A.

**Isotypes** : Ibid., *M. Sanjappa* 717B-F.

**I. trita** L. f. var. **marginulata** (Grah. ex Wt. & Arn.) Sanjappa (Fabaceae).

Bull. Bot. Surv. India 26 : 118. 1984 (1985).

*I. marginulata* Grah. ex Wt. & Arn.

**Type** : India : Penen : Wall. Cat. No. 5467.

**Indofevillea khasiana** Chatterjee (Cucurbitaceae).

Kew Bull. 1947 : 119; Fasc. Fl. Ind. 11 : 62. 1982.

**Type** : India : Khasia, *G. Mann s. n.*

**Indotristicha tirunelveliana** Sharma, Karthik. et Shetty (Podostemaceae).

Bull. Bot. Surv. India 16 : 157. 1974 (1977).

**Holotype** : India : Tamil Nadu : Thulukkanparai, Tirukkurungudi, Tirunelveli Dist., 850 m, Feb. 17, 1972, *Karthikeyan* 40159A.

**Iphigenia magnifica** Ansari et Rolla Rao (Liliaceae).

Bull. Bot. Surv. India 20 : 162. 1978 (1979).

**Holotype** : India : Maharashtra : Dhule in Dhule Dist., Oct. 5, 1969, *Pataskar* 118218A.

**Isotype** : Ibid., *Pataskar* 118218D.

**I. sahyadrica** Ansari et Rolla Rao (Liliaceae).

Bull. Bot. Surv. India 20 : 163. 1978 (1979).

**Holotype** : India : Karnataka : Hulical in Shimoga Dist., Aug. 25, 1963, *Raghavan* 90209A.

**Isachne albens** Trin. (Poaceae).

Sp. Gram. 1. t. 85. 1828; Fasc. Fl. Ind. 14 : 13. 1984.

**Type** : Nepal : Sanko : Aug. 1821, *Wallich s. n.*, Wall. Num. List No. 8658.

***I. sachne angladei* Fischer (Poaceae).**

Kew Bull. 1932 : 323; Fasc. Fl. Ind. 14 : 13. 1984.

**Paratypes** : India : Palni Hills, Shembagnur,  $\pm$  1650 m, *Vanmalderen* 1283; Anaimalai, 1200-1650 m, May 1917, *Blatter & Hallberg* 182.

***I. borii* Hemadri (Poaceae).**

Ind. For. 97 : 223-225. 1971; Fasc. Fl. Ind. 14 : 14. 1984.

**Holotype** : India : Maharashtra: Pune Dist., Dhak Khilla,  $\pm$  27 km west of Junar, Sept. 22, 1968, *Hemadri* 117968A.

**Isotype** : Ibid., *Hemadri* 117968E.

***I. bourneorum* Fischer (Poaceae).**

Kew Bull. 1932 : 324; Fasc. Fl. Ind. 14 : 15. 1984.

**Isotype** : India : Palni Hills; Kodaikanal,  $\pm$  1950 m, June 14, 1898, *A. G. & Lady Bourne* 2491.

***I. dimyloides* Bor (Poaceae).**

Kew Bull. 1949 : 96; Fasc. Fl. Ind. 14 : 18. 1984.

**Isotype** : India : Sikkim Tarai, Dulkajhar,  $\pm$  1500 m, Oct. 16, 1884, *C. B. Clarke* 36764.

***I. gracilis* C. E. Hubb. (Poaceae).**

Kew Bull. 1927 : 77; Fasc. Fl. Ind. 14 : 25. 1984.

**Isotype** : India : Karnataka; Bababudan Hills, Santaveri,  $\pm$  1200 m, Oct. 1908, *Meebold* 10781.

***I. himalaica* Hook. f. (Poaceae).**

Fl. Brit. Ind. 7 : 23. 1897; Fasc. Fl. Ind. 14 : 27. 1984.

**Syntype** : India : Meghalaya; Khasi Hills,  $\pm$  1200-1500 m, *J. D. H. & T. T.*, s. n.

***I. meeboldii* Fischer (Poaceae).**

Kew Bull. 1932 : 323; Fasc. Fl. Ind. 14 : 31. 1984.

**Isotype** : India : Karnataka; Shimoga,  $\pm$  600-900 m, Oct. 1908, *A. Meebold* 10747.

**Paratypes** : *A. Meebold* 10746; Kumsi,  $\pm$  600-900 m, Oct. 1908, *A. Meebold* 10745.

***I. mysorensis* Raghavan (Poaceae).**

Indian For. 97 : 304-307. 1971; Fasc. Fl. Ind. 14 : 33. 1984.

**Holotype** : India : Karnataka : Shimoga Dist., Kundaguda near Agumbe, Aug. 19, 1963, *Sundararaghavan* 90008A.

***Isachne scabrosa* Hook. f. (Poaceae).**

Fl. Brit. Ind. 7 : 23. 1897; Fasc. Fl. Ind. 14 : 34. 1984.

**Type** : India : Khasi Hills, 4500-5000 ft., *C. B. Clarke s. n.*

***I. swaminathanii* Ved Prakash et Jain (Poaceae).**

Proc. Indian Acad. Sci. (Plant Sci.) 92 : 19-22. 1983; Fasc. Fl. Ind. 14 : 36. 1984.

**Holotype** : India : Maharashtra : Satara Dist., Mahabaleshwar, 1372 m, Oct. 9, 1979, *Ved Prakash* 337A.

**Isotypes** : *Ved Prakash* 337B-E.

***I. veldkampii* Bhatt. & Nagendran (Poaceae).**

Curr. Sci. 52 : 258-259. 1983; Fasc. Fl. Ind. 14 : 36. 1984.

**Holotype** : India : Karnataka : South Kanara Dist., Manipal, 150 m, Oct. 29, 1977, *K. G. Bhatt* 468A.

***Ischaemum calicutensis* Sreekumar, V. J. Nair et N. C. Nair (Poaceae).**

J. Econ. Tax. Bot. 4(3) : 1007. 1983.

**Holotype** : India : Kerala : Calicut Dist., Pokkunnamalai, near Nanminda,  $\pm$  850m, Oct. 29, 1981, *P. V. Sreekumar* 71803.

***I. kannanorensis* Sreekumar, V. J. Nair & N. C. Nair (Poaceae).**

J. Econ. Tax. Bot. 4(3) : 1009. 1983.

**Holotype** : India : Kerala : Cannanore Dist., Paramba, on the way to Bendudka,  $\pm$  150 m, Oct. 16, 1981, *P. V. Sreekumar* 71713.

***I. nairii* V. J. Nair et P. V. Sreekumar (Poaceae).**

J. Econ. Tax. Bot. 5(5) : 1205. 1984.

**Holotype** : India : Kerala : Calicut Dist., Kanjeera Kadavu, near Kakkayam,  $\pm$  900 m, Nov. 26, 1981, *P. V. Sreekumar* 71843.

***I. raizadae* Hemadri et Billore (Poaceae).**

Indian For. 96(4) : 318. 1970.

**Holotype** : India : Maharashtra : Sadryaghat, near Harishchandragarh, Thana Dist., Nov. 16, 1968, growing on rock and rocky crevices along the stream, *K. V. Billore* 115450A.

**Paratypes** : *K. V. Billore* 115984R-S.

***I. tadulingamii* N. C. Nair & P. V. Sreekumar (Poaceae).**

Blumea 30(2) : 385-387. 1985.

**Type** : India : Kerala : Idduki Dist., Eravikulam National Park, 2200 m, April 7, 1980, *Sreekumar* 71863.

**Ixonanthes khasiana** Hook. f. (Ixonanthaceae).

Fl. Brit. Ind. 1 : 416. 1874; Fasc. Fl. Ind. 13 : 14. 1983.

Type : India : Khasia Mts., *F. de Silva*.**Janakia arayalpathra** Joseph & Chandrasekaran (Periplocaceae).

J. Indian Bot. Soc. 57(4) : 308. 1978.

**Holotype** : India : Kerala : Trivandrum, Kursumalai ca 875 m, near Bonacord Estate (77°10'—77°11' E Long. and 8°41' N Lat.), Aug. 23, 1975, *Joseph* 46503A.**Jasminum andamanicum** Balakr. et N. G. Nair (Oleaceae).

Bull. Bot. Surv. India 21 : 214. 1979 (1981).

**Holotype** : India : S. Andaman : North Bay Hill jungle, 92°45' E & 11°43' N, Jan. 5, 1894, *Dr. King's Collector s. n.*, Acc. No. 286074.**Isotypes** : Acc. Nos. 286073, 286075, 286076.**J. cordifolium** Wall. ex G. Don ssp. **andamanicum** Srivastava & Kapoor (Oleaceae).

Bull. Bot. Surv. India 25(1-4) : 217-219. 1983 (1985).

**Paratype** : South Andaman : Chiriatapu, Jan. 20, 1916, *C. E. Parkinson* 891.**J. multiflorum** (Burm. f.) Andr. var. **nicobaricum** Thoth. (Oleaceae).

Bull. Bot. Surv. India 5 : 99. 1963 (1965).

**Holotype** : Car Nicobar Island : March 30, 1959, *Thothathri* 9345A.**Isotypes** : *Ibid.*, *Thothathri* 9345 B-F.**J. simonsii** Sinha, Maiti et Giri (Oleaceae).

J. Bombay Nat. Hist. Soc. 77(2) : 305. 1980.

**Holotype** : Without any precise locality, *Simons s. n.* [*J. attenuatum* Roxb. ex DC., *C. E. C. Fischer*, Aug. 12, 1936 (Acc. No. 285972)].**Isotype** : *Ibid.*, Acc. No. 285972A.**J. unifoliolatum** Balakr. et N. G. Nair (Oleaceae).

Bull. Bot. Surv. India 24 : 33. 1982 (1983).

**Holotype** : India : North Andaman : Saddle Peak, 400-700 m, scrub forests, on red lateritic soil, Dec. 1, 1976, in flower, *Balakrishnan et Nair* 4766A.**Paratype** : *Ibid.*, March 27, 1977, in fruits, *Balakrishnan* 5160.**Jatropha maheshwarii** Subr. et Nayar (Euphorbiaceae).

Bull. Bot. Surv. India 6 : 331. 1964 (1965).

**Holotype** : India : Tamil Nadu : Kanyakumari, at sea level, April 5, 1956, *Nayar* 107A.

**Isotypes** : Ibid., *Nayar* 107B-I.

***Jatropha villosa* Wight var. *ramnadensis* Ramamurthy (Euphorbiaceae).**

Bull. Bot. Surv. India 9 : 278. 1967 (1968).

**Holotype** : India: Tamil Nadu : In Melamadam forest, Tirupathur Taluk, Ramnad Dist., Aug. 15, 1964, *Ramamurthy* 20937A.

**Paratype** : Ibid., Sept. 15, 1965, *Ramamurthy* 25824A.

***Juncus rohtangensis* Goel et Aswal (Juncaceae).**

Indian Journ. Forestry 10(4) : 262-263. 1987.

**Isotype** : India : Himachal Pradesh: Lahul-Spiti, Rohtang Pass, 4000 m, July 27, 1979, *B. S. Aswal* 10554E.

***Justicia gingiana* Seb. et Ramamurthy (Acanthaceae).**

Bull. Bot. Surv. India 6 : 99. 1964 (1965).

**Holotype** : India : Tamil Nadu : In Gingee Reserve Forest, South Arcot Dist., March 22, 1961, *Sebastine et Ramamurthy* 12360A.

***Kalanchoe cherukondensis* Subba Rao & Kumari (Crassulaceae).**

Bull. Bot. Surv. India 17 : 177-178. 1975 (1978).

**Holotype** : India : Tamil Nadu : Coimbatore, Garden of Botanical Survey of India (from cultivated materials raised from wild plants collected in vegetative condition, growing in rocky areas on Cherukonda at, 1100 m, in Visakhapatnam Dist., Andhra Pradesh, 17th April, 1974, *Subba Rao et Kumari* 39300.

***Kanjarum palghatense* Ramamurthy (Acanthaceae).**

Bull. Bot. Surv. India 13 : 153. 1971 (1973).

**Holotype** : India : Kerala : Palghat, Kanjarumpuzha Dist., Oct. 27, 1964, *Sebastine* 22312A.

**Isotype** : Ibid., *Sebastine* 22312B.

***Katherinea navicularis* Balakr. & Chowdhury (Orchidaceae).**

Bull. Bot. Surv. India 8 : 316. 1966 (1967).

**Holotype** : India: Near Narfong, on the road to Tashigang, (91°26' E & 27°7'N) 1560 m, March 29, 1965, collected in vegetative condition, flowered, under cultivation at Shillong on Sept., 24, 1965, *Balakrishnan* 43014A.



- Knoxia plantaginea** Wall. (Rubiaceae).  
Pl. Asiat. Rar. 1(1830) 271; J. Econ. Tax. Bot. 6(1): 81. 1985.  
Lectotype : Wall. Cat. No. 818.
- K. platycarpa** Arn. var. **foliosa** Thw. (Rubiaceae).  
Enum. (1864) 152; J. Econ. Tax. Bot. 6(1) : 81. 1985.  
Syntype : Sri Lanka, C. P., 1370-2134 m, *Thwaites* C. P. 51.
- K. roxburghii** (Spreng.) Rau ssp. **brunonis** (Hook. f.) Bhattacharjee et Deb  
var. **brunonis** (Rubiaceae).  
J. Econ. Tax. Bot. 6(1) : 85. 1985.  
Isotype : Kumaon, *Blinkworth s. n.* in Wall. Cat. No. 822.  
*Spermacoce brunonis* Blinkworth Wall. Cat. No. 822. *nom. nud.*  
*K. microcarpa* Kurz  
J. Asiat. Soc. Ser. 2. 46. 1877. 138.  
Syntypes : Burma : Pegu, Dec. 27, 1870, *Kurz* 3083; Irawaddy, Sittang  
Valley, *Kurz* 1433.
- K. roxburghii** (Spreng.) Rau ssp. **brunonis** (Hook. f.) Bhattacharjee et Deb  
var. **glauca** (W. W. Sm.) Bhattacharjee et Deb (Rubiaceae).  
J. Econ. Tax. Bot. 6 (1) : 85. 1985.  
*Hedyotis glauca* W. W. Sm.  
Kew Bull. 1911 : 344.  
Syntypes : Burma : Kachin Hills, near Myit Kyina, *Shaik Mokim* 86;  
India : Assam : Darrang Dist., Charadi near Bishnath, *Burkill* 32470.
- Kobresia gammiei** Clarke (Cyperaceae).  
Kew Bull. Add. ser. 8 : 68. 1908; J. Econ. Tax. Bot. 8(2) : 469. 1986.  
Isotype : India : Sikkim : Tongsup, near Gongri, *Gammie s. n.*
- Kurziodendron viridissimum** (Kurz) Balakr. (Euphorbiaceae).  
Bull. Bot. Surv. India 8 : 68. 1966 (1967).  
*Sabia viridissima* Kurz  
J. Asiat. Soc. Beng. 41(2) : 304. 1872.  
Type : *Kurz s. n.*, Acc. No. 97543.
- Lactuca kashmiriana** S. K. Mangain et R. R. Rao (Asteraceae).  
J. Bombay Nat. Hist. Soc. 83(2) : 406. 1986.  
Holotype : India : Kashmir : Degwan, *B. M. Wadhwa* 67012A.
- L. lahulensis** Mangain et R. R. Rao (Asteraceae).  
Bull. Bot. Surv. India 27(1-4) : 120. 1985 (1987).  
Holotype : India : Himachal Pradesh : Lahul-Kyelong, (3300 m), *U. C. Bhattacharyya* 40772.

**Lagenandra lancifolia** (Sch.) Thw. (Araceae).

Enum. Pl. Zeyl. 334. 1864; Engl. DC. Monogr. Phan. 11 : 622. 1879;  
Bull. Bot. Surv. India 9(1-4) : 296. 1967.

**Iso-syntype** : Sri Lanka : *Thwaites* C. P. 3174.

**L. nairii** K. Ramamurthy et R. Rajan (Araceae).

J. Bombay Nat. Hist. Soc. 80(3) : 613. 1983.

**Holotype** : India : Kerala : Near the base of Adira Pally water falls as fully submerged patches in fresh running water on the bank of the Chalakudi River, Trichur Dist., 300 m, March 17, 1982, *Rajan* 73052.

**Paratype** : Ibid., March 22, 1981, *Ramamurthy* 66279.

**L. thwaitesii** Engl. (Araceae).

DC. Monogr. Phan. 11 : 621. 1879; Engl. Das Pflanzenr. 73. 230-231. 1920; Bull. Bot. Surv. India 9(1-4) : 296. 1967.

**Iso-syntype** : Sri Lanka : *Thwaites* C. P. 3173.

**L. undulata** Sastry (Araceae).

Bull. Bot. Surv. India 9 : 294. 1967 (1968).

**Holotype** : India : Arunachal Pradesh : From Amjee, about 1220 m, Subansiri Dist., May 21, 1966, *A. R. K. Sastry* 45489A.

**Lasianthus andamanicus** Hook. f. var. **ciliatus** Deb et Gangopadhyay (Rubiaceae).

J. Bombay Nat. Hist. Soc. 84(2) : 458. 1987.

**Holotype** : India : South Andaman : Beadnabad,  $\pm$  50 m, Nov. 30, 1973, *N. P. Balakrishnan* 654.

**Paratypes** : Little Andaman : Hut Bay, Sea-level, Sept. 1, 1976, *N. Bhargava* 4339; North Nicobar : Mildera,  $\pm$  30 m, May 4, 1977, *P. Chakraborty* 5600.

**L. burmanicus** Gang. et T. Chakrab. (Rubiaceae).

J. Econ. Tax. Bot. 13(1) : 117. 1989.

**Holotype** : Burma : Myit-Kyina Dist., Kadu, Ba-Bnlaung, Nov. 9, 1930, *Badal Khan* 11836.

**L. lucidus** var. **caudisepalus** Deb et Gangopadhyay (Rubiaceae).

J. Bombay Nat. Hist. Soc. 84(2) : 458. 1987.

**Holotype** : Arunachal Pradesh : Subansiri Dist., Apa Tani Valley, Hapolli, 1590 m, April 26, 1965, *Cox et Hutchinson* 499.

**Lasianthus meeboldii** Deb et Gangopadhyay (Rubiaceae).

J. Bombay Nat. Hist. Soc. 84(2) : 412. 1987.

**Holotype** : Burma : Tenasserim, Yaundan, March, 1911, *A. Meebold* 14790.

**Paratype** : Mergui, Sandawut Reserve, 50 ft., Jan. 31, 1919, *C. G. Rogers* 440 m.

**L. wallichii** Wt. var. **glabriusculus** Deb et Gangopadhyay (Rubiaceae).

J. Bombay Nat. Hist. Soc. 84(2) : 462. 1987.

**Holotype and Isotype** : Burma : March 1, 1849, *Falconer* 885.

**Laurembergia agastyamalayana** Henry (Haloragaceae).

J. Bombay Nat. Hist. Soc. 62(3) : 604. 1965.

**Holotype** : India : Tamil Nadu : Agastyamalai Hills, Tirunelveli Dist., 1400 m, Aug. 26, 1963 m, *Henry* 17328A.

**Leontopodium fimbrilligerum** J. R. Drumm. (Compositae).

Kew Bull. 1910 : 76. 1910; Bull. Bot. Surv. India 14 : 171. 1972 (1975).

**Holotype** : W. Himalaya, Chumbi Valley, 3350 m, *King's Collector*.  
*s. n.*

**Lescurea darjeelingensis** Vohra (Musci).

Bull. Bot. Surv. India 20 : 150. 1978 (1979).

**Holotype** : India : W. Bengal : Darjeeling, Tongloo, Batashi Road, 3060 m, June 17, 1961, *Wadhwa* 166.

**Paratype** : Bhutan : Chi La-Ha, 3000-4000 m, Aug. 20, 1963, *Wadhwa* 32.

**Leucas lavandulifolia** Rees var. **nagalapuramiana** Chandr. et Srin. (Labiatae).

Bull. Bot. Surv. India 17 : 165. 1975 (1978).

**Holotype** : India : Andhra Pradesh : Chittoor Dist., Nagalapuram Hills, Oct. 4, 1974, *Chandrabose* 45228A.

**L. mollissima** Wall. var. **sebastiana** Subba Rao et Kumari (Labiatae).

Bull. Bot. Surv. India 11 : 452. 1969 (1971).

**Holotype** : India : Andhra Pradesh : Cherukonda, 900 m, Visakhapatnam, Dist., Jan. 4, 1968, *Subba Rao et Kumari* 29743A.

**L. mukerjiana** Subba Rao et Kumari (Labiatae).

Bull. Bot. Surv. India 10 : 358. 1968.

**Holotype** : India : Andhra Pradesh : Cherukonda, 1300 m, Visakhapatnam Dist., Aug. 29, 1966, *Subba Rao* 28182A.

- Leucas vestita** Benth. var. **devicolamensis** Shetty & Vivek. (Labiatae).  
 Bull. Bot. Surv. India 10(2) : 236. 1968 (1969).  
**Holotype** : India : Kerala : Kottayam Dist., Upper Vagavurrai, Devicolam, Aug. 11, 1967, *Shetty & Vivekananthan* 28372A.
- Limnopoa meeboldii** (Fischer) C. E. Hubb. (Poaceae).  
 Hook. Ic. Pl. t. 3432. 1943; Fasc. Fl. Ind. 14 : 38. 1984.  
**Isotype** : India : Kerala : Cochin, Chalakudi, Nov. 1910, *A. Meebold* 12520.
- Lindernia crustacea** (L.) F. Muell. var. **clarkei** Giri et Majumdar (Scrophulariaceae).  
 J. Econ. Tax. Bot. 3(1) : 253. 1982.  
**Holotype** : India : Bihar : Noatolea, Lohardugga, Chotanagpore, 2000 ft., Nov. 12, 1883, *C. B. Clarke* 34173.
- Liparis tigerhillensis** A. P. Das et Chanda. (Orchidaceae).  
 J. Econ. Tax. Bot. 12(2) : 403. 1988.  
**Holotype** : W. Bengal : Darjeeling, Tiger Hill, 2500 m, July 16, 1982, *A. P. Das* 1051.  
**Isotypes** : Ibid., 1051 A & B.
- Listera nandadeviensis** P. K. Hajra (Orchidaceae).  
 Bull. Bot. Surv. India 25(1-4) : 181-182. 1983 (1985).  
**Holotype** : India : Uttar Pradesh : Chamoli Dist., Himtoli, Nandadevi National Park, *P. K. Hajra* 73202A.
- Litosanthes wardii** (C. E. C. Fischer et Kaul) Gang. et T. Chakrab. (Rubiaceae).  
 J. Econ. Tax. Bot. 13(1) : 119. 1989.  
*Lasianthus wardii* C. E. C. Fischer et Kaul  
 Kew Bull. 1940 : 292. 1941.  
**Type** : Upper Burma : Nam Tamai, 3000-3500 ft., 1200-1350 m, 3.5 . 1926, *F. Kingdon Ward* 6679.
- Litsea lakshmammaniana** Keshav. (Lauraceae).  
 Curr. Sci. 56(8) : 371. 1987.  
**Isotype** : India : Karnataka : Coorg Dist., Shola forests of Tadiandamol, Oct. 28, 1983, 1550 m, *K. R. Keshavamurty et al.*, 4414C.
- Lobelia clorata** Wall. (Lobeliaceae).  
 Pl. Asiat. Rar. 2 : 42. 1831; Fasc. Fl. Ind. 19 : 45. 1988.  
**Type** : India : Pundua, *F. De Silva*, Wall. List No. 1307.

**Lobelia erectiuscula** Hara (Lobeliaceae).

Journ. Jap. Bot. 4 : 328. 1965; Fasc. Fl. Ind. 19 : 49. 1988.

**L. erecta** Hook. f. & Thoms.

Journ. Linn. Soc. Bot. 2 : 28. 1958, non De Vries 1845; Clarke, Fl. Brit. Ind. 3 : 426. 1881.

**Type and Isotype** : Sikkim, Chula, 10-12000 ft., Nov. 6, 1849, *J. D. Hooker s. n.*

**L. microcarpa** Clarke (Lobeliaceae).

Fl. Brit. Ind. 3 : 424. 1881; Fasc. Fl. Ind. 19 : 52. 1988.

**Isotype** : "Tenasserim and Andamans": *Helper* Kew Dist., n. 3447.

**L. terminalis** Clarke var. **terminalis** (Lobeliaceae).

Fl. Brit. Ind. 3 : 424. 1881; Fasc. Fl. Ind. 19 : 56. 1988.

**Isotype** : W. Mymensingh, Bhyadanga, Nov. 20, 1868, *C. B. Clarke* 8044.

**Lonicera laceana** Nayar et Giri (Caprifoliaceae).

J. Bombay Nat. Hist. Soc. 80(2) : 385. 1983.

**Holotype** : India : N. W. Himalaya : Kalatop Forest, 2128m April 15, 1896, *J. H. Lace* 1316.

**L. magnibracteata** Nayar et Giri (Caprifoliaceae).

J. Econ. Tax. Bot. 3(2) : 593. 1982.

**Holotype and Isotype** : India : Sikkim Himalaya : Patan La, 10,000 ft., (3040 m), July 16, 1877, *G. King* 4195.

**Luffa hermaphrodita** Singh et Bhandari (Cucurbitaceae).

Baileya 11(4) : 133. 1963; Fasc. Fl. Ind. 11 : 73. 1982.

**Type** : India : Rajasthan : Jodhpur, *Bhandari* 1527A.

**Macaranga nicobarica** Balakr. et Chakrab. (Euphorbiaceae).

Gard. Bull. Singapore 31 : 57. 1978.

**Holotype** : India : Nicobar : Katchal Island, Mildera, 11th Aug. 1974, *Chakraborty* 2041A.

**Paratypes** : *Ibid.*, 2584C-D.

**Maesa andamanica** Kurz var. **longipedicellata** Nayar et Giri (Myrsinaceae).

Bull. Bot. Surv. India 27 (1-4) : 263. 1985 (1987).

**Holotype** : S. Andaman : Without precise locality, Nov. 15, 1901, *R. L. Heinig* 451.

**Maesa kanjilalii** Majumdar et Giri (Myrsinaceae).

J. Bombay Nat. Hist. Soc. 78(1) : 149. 1981.

**Holotype** : India : Assam : Gouhati Road, 6-7 miles from Shillong, Oct. 14, 1930, *P. C. Kanjilal* 8684.**M. macrophylla** Wall. var. **magnidentata** Nayar et D. Das (Myrsinaceae).

Indian For. 95(6) : 400. 1969.

**Holotype** : India : Naga Hills, April 1896, *Dr. King's Collector s. n.***M. truncata** A. R. K. Sastry (Myrsinaceae).

J. Sen Mem. Vol., pp. 433-436. 1969.

**Holotype** : India : Arunachal Pradesh: Subansiri Dist., Palin vicinity, about 1600 m., May 17, 1966, *A. R. K. Sastry* 45387A.**M. wardii** Nayar & Giri (Myrsinaceae).

Bull. Bot. Surv. India 17 : 182-184. 1975 (1978).

**Holotype** : India : Nagaland : Naga Hills, *F. Kingdon Ward* 11241.**Mallotus subramanyamii** Ellis (Euphorbiaceae).

Bull. Bot. Surv. India 25(1-4) : 199-201. 1983 (1985).

**Holotype** : South India : On the western slopes of Nilgiri Hills, Moolakadu, Oucherlony, July 29, 1970, *Ellis* 34963A.**Paratype** : Northern slopes of Nilgiris, no date given as (*M. muricatus* Rottlera). Anon., *s. n.***Manisuris divergens** (Hack.) O. Kuntze var. **hirsuta** (Fischer) Jain (Poaceae).

Bull. Bot. Surv. India 12 : 12. 1970 (1972).

**Type** : India : Karnataka (Mysore) : Bababudan Hills at Kalhatti, 1800 m, Oct. 1908, *Meebold* 10559.**M. forficulata** Fischer (Poaceae).Kew Bull. 1933: 353. 1933. emend. Jain; Fischer in Fl. Mad. 1761. 1934 *pro parte*; Bull. Bot. Surv. India 12 : 12. 1970 (1972).**Paratypes** : India : Maharashtra : Khandala, alt. 600 m Sept. 1907, *Meebold* 8850; Mysore : Belgaum, Amboli Ghat, Oct. 6, 1900, *Talbot* 4305A; Kerala : Kavalay Cochin, 900 m, Nov. 1910, *Meebold* 12221.**Type** : India : Maharashtra : Mahabaleshwar, Sept. 26, 1891, *Lisboa s. n.***M. goaensis** Rolla Rao et Hemadri (Poaceae).

Bull. Bot. Surv. India 10 : 106-109. 1968.

**Holotype** : India : Goa : Verna Village on Cortalim-Madgoa Road, Nov. 8, 1962, *Rolla Rao* 84474A.**Paratype** : India : Goa : Provorium, Nov. 8, 1963, *Rolla Rao* 92850A.

**Manisuris mysorensis** Jain et Hemadri (Poaceae).

Bull. Bot. Surv. India 10 : 280-282. 1968; Ibid. 12 : 15. 1970 (1972).

**Holotype** : India : Mysore : Castle Rock, Oct. 25, 1902, *Gammie* 15643A.**Isotypes** : Ibid., 15643B and 15643C (A-C mounted on one sheet).**Paratypes** : Mysore : Amboli Ghat, Oct. 6, 1960, *Talbot* 4305 D-E *pro parte*.**M. ratnagirica** Kulkarni et Hemadri (Poaceae).

Indian For. 100(4) : 250. 1974.

**Holotype** : India : Maharashtra : On the open rocky plateau, near Chaukul along the Amboli Ghat in Ratnagiri Dist.,  $\pm$  650 m, Oct. 12, 1970, *B. G. Kulkarni* 121638A.**M. santapau** Jain et Deshpande (Poaceae).

Bull. Bot. Surv. India 10 : 277-279. 1968; Ibid. 12 : 15. 1970 (1972).

**Holotype** : India : Maharashtra : Ratnagiri, in exposed pools on laterite hill top, Sept. 15, 1961, *C. Saldanha* CS 7130A.**Isotypes** : Ibid., c-d.**Paratype** : Ibid., *C. Saldanha* CS 7132B.**M. talbotii** (Hook. f.) Bor (Poaceae).

Grass. Burm. Ceyl. Ind. &amp; Pak. 192. 1960; Bull. Bot. Surv. India 12(1-4) : 16. 1970 (1972).

**Isotype** : India : Goa : Marmagao, Oct. 15, 1891, *Talbot* 2572.**Marsdenia tirunelvelica** A. N. Henry et K. Subramanyam (Asclepiadaceae).

J. Bombay Nat. Hist. Soc. 73(1) : 186. 1976.

**Holotype** : India : Tamil Nadu : Agastyamalai Hills, Tirunelveli Dist., 1400 m, April 25, 1972. *Henry* 8421A.**Mastixia tetrandra** (Thw.) ClarkeFl. Brit. Ind. 2: 745. 1879; Fasc. Fl. Ind. 19 : 27. 1988. *pro parte*.var. **tetrandra** Matthew (Cornaceae).

Blumea 23 : 78. 1976.

**Isotype** : Ceylon : *Thwaites* C. P. 2441.**Meconopsis bella** Prain (Papaveraceae).

J. Asiat. Soc. Beng. 63. 2 : 82. 1894 et 64. 2 : 321. 1896; Fasc. Fl. Ind. 17 : 14. 1984.

**Lectotype** : India : Sikkim : Peykeangla, Jongri, July 1887, *Dr. King s. n.*

**Meconopsis grandis** Prain (Papaveraceae).

J. Asiat. Soc. Beng. 64. 2 : 320. 1895 et in Ann. Roy. Bot. Gard. Calcutta 9. 1 : 2. tab. 2. 1901; Fasc. Fl. Ind. 17 : 17. 1984.

**Syntype** : India : Sikkim : Jongri, 3900 m, June 23, 1892, *G. A. Gammie* 199.

**M. horridula** Hook. f. et Thoms. (Papaveraceae).

Fl. Ind. 1 : 252. 1855 et Hook. f. Fl. Brit. Ind. 1 : 118. 1872; Fasc. Fl. Ind. 17 : 19. 1984.

**Type** : India : Sikkim : Alpina, 4300-5100 m, *J. D. Hooker s. n.*

**M. lyrata** (Commins and Prain) Fedde (Papaveraceae).

Engl. Pflanzenr. 4. 104 : 246. 1909. *nomen synonymum* ex Prain.

Bull. Misc. Inf. Kew 1915 : 142. 1915; Fasc. Fl. Ind. 17 : 21. 1984.

**Lectotype** : India : Sikkim : Phullot, 3600 m, Aug. 1887, *Dr. King s. n.*

**Syntypes** : Tankra, Aug. 2, 1892, *Gammie* 415; chianie Nepal Frontier, 3000 m, Aug. 1888, *Dr. King s. n.*

**M. napaulensis** DC. (Papaveraceae).

Prodr. 1 : 121. 1824; Fasc. Fl. Ind. 17 : 22. 1984.

**Isotype** : *Wallich* 8121.

**M. paniculata** Prain (Papaveraceae).

J. Asiat. Soc. Beng. 64. 2 : 316. 1896; Fasc. Fl. Ind. 17 : 23. 1984.

**Syntype** : Nepal : Gossain Than, *Wallich* 1823B.

**M. robusta** Hook. f. et Thoms. (Papaveraceae).

Fl. Ind. 1 : 253. 1855 et Hook. f. Fl. Brit. Ind. 1 : 118. 1872 *pro parte*; Fasc. Fl. Ind. 17 : 25. 1984.

**Isolectotype** : In Himalaya temperate, Kumaon, 2400 m, *Wallich* 8124.

**M. simplicifolia** (D. Don) Walp. (Papaveraceae).

Repert. Bot. Syst. 1 : 110. 1842; Fasc. Fl. Ind. 17 : 26. 1984.

**Holotype** : Nepal : Gossain Than, *Wallich* 8125.

**M. sinuata** Prain (Papaveraceae).

J. Asiat. Soc. Beng. 64(2) : 314. 1896 (excl. var. *pratti*); Fasc. Fl. Ind. 17 : 28. 1984.

**Syntype** : India : Sikkim : Jongri, Pey-king-la, Aug. 1987, *Dr. King s. n.*

**M. superba** King ex Prain (Papaveraceae).

J. Asiat. Soc. Beng. 64. 2 : 317. 1896; Fasc. Fl. Ind. 17 : 30. 1984.

**Holotype** : Bhutan Himalaya : Ho-Ko-Cha, June 16, 1884. *Dungboo* 280.



- Meconopsis villosa** (Hook. f. ex Hook.) G. Tayl. (Papaveraceae).  
Acc. Genus Meconopsis 28. 1934; Fasc. Fl. Ind. 17 : 30. 1984.  
**Isotype** : India : Sikkim : *J. D. Hooker s. n.*
- Melocalamus indicus** R. Majumdar (Gramineae).  
Bull. Bot. Surv. India 25(1-4) : 236-237. 1983 (1985).  
**Holotype** : India : Assam : Cachar, Bhuban Hill, *Majumdar 73083.*
- Melothria angulata** Chakravarty (Cucurbitaceae).  
J. Bombay Nat. Hist. Soc. 50 : 899. 1952; Fasc. Fl. Ind. 11 : 78. 1982.  
**Type** : South India : Gomata, *Malcolmpeth 81.*
- M. assamica** Chakravarty var. **scabra** Chakravarty (Cucurbitaceae).  
Rec. Bot. Surv. India 17(1) : 145. 1959.  
**Type** : India : Assam : Goalpara, Chirang Duar, *King's Collector s. n.*
- M. maderaspatana** (L.) Cogn. (Cucurbitaceae).  
DC. Monogr. Phan. 3 : 623. 1881; Fasc. Fl. Ind. 11 : 83. 1982.  
**Type** : N. W. India : *Royle s. n.*
- M. mucronata** (Blume) Cogn. var. **umbellata** Chakravarty (Cucurbitaceae).  
Rec. Bot. Surv. India 17(1) : 150. 1959; Fasc. Fl. Ind. 11 : 85. 1982.  
**Type** : South India : Without precise locality, *Rodriguez 1955.*
- Memecylon collinum** Balakr. et N. G. Nair (Melastomataceae).  
Bull. Bot. Surv. India 24 : 30. 1982 (1983).  
**Holotype** : India : North Andaman : Saddle Peak, 500-700 m, open scrub jungles in lateritic soils, Dec. 1, 1976, in flower, *Balakrishnan & Nair 4764A.*
- M. subramanii** Henry (Melastomataceae).  
J. Bombay Nat. Hist. Soc. 77(3) : 492. 1980.  
**Holotype** : India : Tamil Nadu : Kannikatti, Tirunelveli Dist., 765 m, April 22, 1972, *Henry 8407.*
- Merrillioanax cordifolia** A. R. K. Sastry (Araliaceae).  
Blumea 15(2) : 297. 1967.  
**Holotype** : India : Arunachal Pradesh : Subansiri Dist., Begi-Amjee, ±1540 m, May 12, 1966, in flower, *A. R. K. Sastry 44893A.*
- Mesua ferrea** Linn. subsp. **pulchella** Vesque (Guttiferae).  
DC. Monogr. Phan. 8 : 631. 1893 ; Bull. Bot. Surv. India 5(3 & 4) : 339. 1963,

var. **pulchella**

*Mesua pulchella* Planchon & Triana  
Ann. Sci. Nat. Ser. 4. 15 : 307. 1861.

*M. coromandeliana* Thw.

Enum. Pl. Zeyl. 50. 1858. *non* Wt. (1839).

**Type** : Ceylon: Central Provinces, forests of Galle and Ratnapoora, *Thwaites* 3404.

var. **coromandeliana** (Wt.) Maheshwari

*M. coromandeliana* Wt.

Icon. t. 117. 1839.

*M. ferrea* Wt. & Arn.

Prodr. 1 : 102. 1834. *non* Linn. (1753).

**Type** : Courtallum, *Wight* 132.

**Mesua ferrea** Linn. subsp. **thwaitesii** Vesque (Guttiferae).

DC. Monogr. Phan. 8 : 632. 1893; Bull. Bot. Surv. India 5(3 & 4): 339. 1963.

*M. thwaitesii* Planchon & Triana

Ann. Sci. Nat. Ser. 4. 15 : 305. 1861.

**Type** : Ceylon: *Thwaites* 2675.

**Microstegium borianum** P. R. Sur (Poaceae).

J. Bombay Nat. Hist. Soc. 79(3) : 652. 1982; J. Econ. Tax. Bot. 6(1) : 168. 1985.

**Holotype** : India : Meghalaya : Khasia and Jaintea Hills, Lowlyngdoh, Sept. 26, 1937, *G. K. Deka* 15683.

**M. vagans** (Nees ex Steud.) A. Camus (Poaceae).

Ann. Soc. Linn. Lyon, 68 : 200. 1921; J. Econ. Tax. Bot. 6(1) : 173. 1985.

*Pollinia vagans* Nees ex Steud.

Sym. Pl. Glum. 1 : 410. 1855; Hook. f. Fl. Brit. Ind. 7 : 115. 1896.

**Type** : Nepal, *Wallich* 8807B.

**M. vimineum** (Trin.) A. Camus (Poaceae).

Ann. Soc. Linn. Lyon, n. s. 62 : 201. 1921; J. Econ. Tax. Bot. 6(1) : 174. 1985.

*Andropogon vimineus* Trin.

Mem. Acad. Sci. Petersb. ser. 6. 2 : 268. 1832.

*Pollinia imberbis* Nees ex Steud.

Sym. Pl. Glum. 1 : 410. 1855; Hook. f. Fl. Brit. Ind. 7 : 117. 1896,

**Type** : Nepal: *Wallich* 8832.

**Microula duthiei** Ban. (Boraginaceae).

Indian For. 92(10) : 644. 1966.

**Holotype** : India : Sikkim : On Teesta Valley above Thangu, 4114 m, July 6, 1903, *F. E. Younghusband* 1538A, Acc. No. 308324.**Isotypes** : *F. E. Younghusband* 1538 B-D, Acc. Nos. 308325, 308326, 308327.**Minuartia ebracteolata** Majumdar & Giri (Caryophyllaceae).

Candollea 38(1) : 345. 1983.

**Holotype** : India : Himachal Pradesh : Lahul, Batal, 4000 m, Sept. 11, 1961, *N. C. Nair* 16867.**M. kashmirica** (Edgew.) Mattfeld (Caryophyllaceae).

Bot. Jahrb. 57(Beibl. 126) : 32. 1921; Candollea.38(1) : 346. 1983.

**Type** : India : Kashmir : Regiotemp, 5000-6000 ped. (1520-1820 m), *T. Thomson s. n.***Mitrephora andamanica** Thoth. ex Das (Annonaceae).

J. Bombay Nat. Hist. Soc. 64(3) : 430. 1967.

**Holotype** : India : South Andaman : Baratang Island, April 30, 1964, *K. Thothathri* 10840A.**Isotypes** : *Ibid.*, *Thothathri* 10840 B-F.**Moghania gracilis** Mukerjee (Leguminosae).

Bull. Bot. Soc. Beng. 6(1) : 22. 1952.

**Type** : India : Western Ghats : Castle Rock, 600 m, Sept. 1918, *Bell* 4347.**M. praecox** (Clarke ex Prain) H. L. Li var. **robusta** Mukerjee (Leguminosae).

Bull. Bot. Soc. Beng. 6(1) : 19. 1952.

**Type** : Peninsular India : Flowering in January, Chanda, Yenkatapur, *J. F. Duthie* 9408A.**M. rollae** Billore et Hemadri (Leguminosae).

J. Econ. Tax. Bot. 3(2) : 617. 1982.

**Holotype** : India : Maharashtra : Ahmadnagar Dist., in association with *Carvia callosa* (Nees) Bremek. on a hill-slope ( $\pm 1200$  m) of Panshet Forest, Bari near Kalsubai Hill, Oct. 9. 1970, *B. M. Wadhwa* 128313A.**Molineria grandis** J. N. Mitra (Hypoxidaceae).

J. Indian Bot. Soc. 43(3) : 487-489. 1964.

**Holotype** : India : Duphla Hills, Camp, 3, Nov. 15, 1875, *J. Lister* 337.

**Molineria prainiana** Deb (Hypoxidaceae).

Bull. Bot. Surv. India 6 : 77. 1964 (1965).

**Holotype** : India : Arunachal Pradesh : From Janakmukh, Abor Hills, Jan. 23, 1912, *J. H. Burkill* 36471.

**Momordica macrophylla** Gage (Cucurbitaceae).

Rec. Bot. Surv. India 3 : 61. 1908; Fasc. Fl. Ind. 11 : 94. 1982.

**Type** : Burma : Minbu, Pomin, riverside, *Seikh Mokim* 253.

**Syntype** : Tenasserim, Taepo, *Gallatly* 80.

**Mycetia javanica** (Bl.) Reinw. ex Korth. (Rubiaceae).

Netherl. Kruid. 118. 1841; Bull. Bot. Surv. India 28 : 118. 1986 (1988).

*Bertiera javanica* Bl.

Bijdr. 987. 1826.

**Type** : Penang, 1822, Wall. Cat. No. 6282.

*Adenosacme javanica* Wall. (Cat. 6282, 1832, *nom. nud.*) ex Ridley.

Fl. Mal. 2 : 63. 1923.

*M. malayana* Wall. ex Ridley

Fl. Mal. 2 : 63. 1923.

**Type** : Penang, 822, Wall. Cat. No. 6282.

**M. listeri** Deb (Rubiaceae).

Blumea 14(1) : 241. f. 1. 1966; Bull. Bot. Surv. India 28 : 120. 1986 (1988).

**Type** : India : Arunachal Pradesh : Daphla Hills, 1874, *J. L. Lister s. n.*

**M. mukerjiana** Deb et Dutta (Rubiaceae).

Ind. For. 91(5) : 272. t. 1. 1965 ; Sci. & Cult. 33 : 60. 1967; Bull. Bot. Surv. India 28 : 123. 1986 (1988).

**Holotype** : India : Assam : Lakhimpur, Makum Hills, *G. K. Deka* 16961.

**M. rodgeri** Deb et Mondal (Rubiaceae).

Bull. Bot. Surv. India 28 : 127. 1986 (1988).

**Holotype** : Burma : Ruby Mines Division, Mogak, July, 1910, *A. Rodger* 148A.

**Isotype** : Ibid., 148B.

**M. stipulata** (Hook. f.) O. Ktze. (Rubiaceae).

Rev. Gen. Pl. 1 : 289. 1891; Bull. Bot. Surv. India 28 : 129. 1986 (1988).  
subsp. **stipulata**

*Adenosacme stipulata* Hook. f.

Fl. Brit. Ind. 3 : 95. 1880.

**Isotype** : East Nepal : 600-1500 m, *J. D. Hooker s. n.*

**Mycetia stipulata** (Hook. f.) O. Ktze. subsp. **macrostachya** (Hook. f.) Deb (Rubiaceae).

Bull. Bot. Surv. India 28 : 129. 1986 (1988).

*Adenosacme macrostachya* Hook. f.

Fl. Brit. Ind. 3 : 96. 1880.

**Isotype** : Arunachal Pradesh : Mishmi Hills, *Griffith s. n.*

**Neanotis monosperma** (Wt. & Arn.) Lewis var. **tirunelvelica** A. N. Henry & M. Chandrabose (Rubiaceae).

Bull. Bot. Surv. India 17(1-4) : 188. 1975.

**Holotype** : India : Tamil Nadu : Tirunelveli Dist., Manjanamparai in Singampatti R. F., Sept. 4, 1963, *Henry 17454A*.

**N. sahyadrica** Billore et Mudaliar (Rubiaceae).

J. Econ. Tax. Bot. 3(1) : 321. 1982.

**Holotype** : India : Maharashtra : On the slopes of Taramati dongar Harishchandragarh, Thana Dist., Sept. 18, 1968, *K. V. Billore 115664A*.

**Paratype** : India : Maharashtra : From higher slopes of Ajoba dongar, Washala forest range, Thana Dist., Oct. 17, 1967, *K. V. Billore 111944 C*.

**Neodriessenia scorpioidea** (Stapf) Nayar (Melastomataceae).

Bull. Bot. Surv. India 16(1-4) : 25. 1974 (1977).

*Driessenia scorpioidea* Stapf

Hook. f. Ic. Pl. 25. t. 2414. 1895; Merrill in J. Str. Br. Roy. As. Soc. 440. 1921.

*Compimia scorpioidea* (Stapf) Ridley

J. Str. Br. Roy. As. Soc. 57 : 40. 1911.

**Isotype** : Borneo: *Havilland & Hore 3222*.

**Neolitsea balakrishnanii** T. Chakrab. & Goel. (Lauraceae).

J. Econ. Tax. Bot. 6(2) : 449. 1985.

**Holotype** : India : North Andaman Island : Saddle Peak, March 31, 1977,  $\pm 700$  m, *Balakrishnan 5379A*.

**N. nicobarica** Goel. & T. Chakrab. (Lauraceae).

J. Econ. Tax. Bot. 6(2) : 450 (1985).

**Holotype** : India : Nicobar Islands : *sine loc. exact.*, April 4, 1884, *King's Collector 491A*.

**Isotypes** : *Ibid.*, *King's Collector 491B, 491E* ♂.

**Paratypes** : Kamorta, Feb. 1875, *Kurz s. n.* ♀ ; *sine loc. exact.*, *Exped. Novara, Jelinek 137.* ♀.

**Neoluffa sikkimensis** Chakravarty (Cucurbitaceae).

J. Bombay Nat. Hist. Soc. 50 : 895. 1952; Fasc. Fl. Ind. 11 : 98. 1982.

**Type** : India : Sikkim Himalaya ; *King s. n.*

**Nothaphoebe nicobarica** T. Chakrab. et Vasud. (Lauraceae).

J. Econ. Tax. Bot. 6(2) : 443. 1985.

**Holotype** : India : Andaman-Nicobar Islands : Great Nicobar Island, 40 km on East-West Road, Feb. 22, 1980, *Dwivedi* 7893A.

**N. panduriformis** (Hook. f.) Gamble var. **paucinervia** T. Chakrab. & Vasud. (Lauraceae).

J. Econ. Tax. Bot. 5(4) : 997. 1984.

**Holotype** : India : Andaman-Nicobar Islands : Great Nicobar Island, 25 km on East-West Road, Oct. 17, 1979, *D. K. Hore* 7222A.

**Nothopegia beddomei** Gamble var. **wynaadica** Ellis & Chandras. (Anacardiaceae).

Bull. Bot. Surv. India 12 : 257. 1970 (1972).

**Holotype** : India : Kerala : Cannanore Dist., Chandanathode, Peria, April 18, 1966, *Ellis* 27133A.

**Oberonia seidenfadeniana** Joseph et Vajravelu (Orchidaceae).

Bull. Bot. Surv. India 13 : 344. 1971 (1973).

**Holotype** : India : Tamil Nadu : From Andiparai Shola, Eastern side of Anamalai Hills, 1350 m, Sept. 22, 1962, *Joseph* 17476A.

**O. sulcata** Joseph et Chowd. (Orchidaceae).

J. Bombay Nat. Hist. Soc. 63(1) : 54. 1966.

**Holotype** : India : Arunachal Pradesh : Selari Forest, 9 km N. E. of Bomdi La, Kameng Frontier' Dist.,  $\pm 2700$  m, about Lat. N.  $27^{\circ}19'$  and Long. E.  $92^{\circ}25'$ , Sept. 28, 1964. *Joseph* 40358.

**Ophiorrhiza caudipetala** Deb et Mandal (Rubiaceae).

Kew Bull. 37(3) : 483. 1982.

**Holotype** : India : Meghalaya :  $\pm 1830$  m, June 4, 1886, *Clarke* 44072C.

**O. chandrasekharanii** G. V. Subba Rao et G. R. Kumari (Rubiaceae).

J. Bombay Nat. Hist. Soc. 81(1) : 156. 1984.

**Holotype** : India : Andhra Pradesh: Vandachinta, Visakhapatnam Dist., June 1, 1968, *Subba Rao* 30049.

- Ophiorrhiza infundibularis** Balakr. (Rubiaceae).  
Bull. Bot. Surv. India 24 : 61. 1982 (1983).  
**Holotype** : India : Great Nicobar, 31-32 km on East-West Road, ca 100 m, shaded places near streams, June 14, 1977, *Balakrishnan* 5745A.
- O. nairii** Ramamurthy et Rajan (Rubiaceae).  
J. Bombay Nat. Hist. Soc. 82(1) : 174. 1985.  
**Holotype** : India : Kerala : Idduki Dist., Adimali Reserve Forest, 1800 m, March 28, 1980, *Ramamurthy* 66561.
- O. nicobarica** Balakr. (Rubiaceae).  
Reinwardtia 9(4) : 411-414. 1980.  
**Holotype** : India : Great Nicobar Island, 17 km from Campbell Bay to Alexandra river, ca 75 m above s.l. Aug. 21, 1975, *Balakrishnan* 3027A.
- O. seshagiriana** Sikdar et Maiti (Rubiaceae).  
J. Bombay Nat. Hist. Soc. 78(1) : 143. 1981.  
**Holotype** : India : W. Bengal : Buxa, Duar Forest Range, Jalpaiguri Dist., on the way to Sinchu from Buxaduar,  $\pm$ 1800 m, May 16, 1976, *J. K. Sikdar* 4681A.  
**Isotypes** : Ibid., *J. K. Sikdar* 4681 B-E.
- O. tirunelvelica** Henry et Subr. (Rubiaceae).  
Bull. Bot. Surv. India 12 : 277. 1970 (1972).  
**Holotype** : India : Tamil Nadu : Tirunelveli Dist., near upper Godaiyar, Sept. 2, 1963, *Henry* 17419A.
- Ormosia assamica** Yakovlev (Leguminosae).  
J. Arn. Arb. 52(4) : 691. 1971.  
**Holotype** : India : Aka Hills, Dec. 1890, *Badul Khan* 10.
- Orophaea katschallica** Kurz emend. Thoth. (Annonaceae).  
J. Bot. (Lond.) 4 : 323-324. 1875; Indian For. 92(8) : 530. 1966.  
**Type** : Nicobar. Katchall, *Kurz s. n.*
- Oryza indandamanica** Ellis (Gramineae).  
Bull. Bot. Surv. India 27(1-4) : 225-227. 1985 (1987).  
**Holotype** : India : Andamans : Rutland Island, July 26, 1986, *Ellis* PBL 12248.
- Osbeckia abrahamii** Giri et Nayar (Melastomataceae).  
J. Bombay Nat. Hist. Soc. 81(2) : 434. 1984.  
**Holotype** : India : Kerala : Travancore, *Narayanaswami* 1379.

**Osbeckia arunkumarensis** Nayar et Giri (Melastomataceae).

J. Bombay Nat. Hist. Soc. 81(2) : 436. 1984.

**Holotype** : India : Sikkim : Eastern Himalaya, *Griffith* (Kew Distrib.)  
No. 2248.

**O. darjeelingensis** Giri et Nayar (Melastomataceae).

Bull. Bot. Surv. India 25(1-4) : 241. 1983 (1985).

**Holotype** : India : W. Bengal : Jhenaikuri, Darjeeling, Dec. 1879,  
*Gamble* 7597A.

**O. lineolata** Gamble (Melastomataceae).

Kew Bull. Misc. Inf. 241. 1819; Bull. Bot. Surv. India 25(1-4) : 244.  
1983(1985).

**Syntype** : S. India : Pulney Hills, *Wight s. n.*, Kew Distrib. 1090 (K,  
CAL, Lectotype chosen at CAL).

**O. lineolata** Gamble var. **anamalayana** Giri et Nayar (Melastomataceae).

Bull. Bot. Surv. India 25(1-4) : 244. 1983 (1985).

**Holotype** : India : Tamil Nadu : Anamalai Hills, Konalar, 1950 m,  
Nov. 17, 1980, *Chandrabose* 57793.

**O. nayarii** Giri (Melastomataceae).

J. Econ. Tax. Bot. 4(2) : 609. 1983.

**Holotype** : India : Meghalaya : Khasia, 2000 ft., Sept. 14, 1886, *C. B. Clarke* 44776A.

**Paeonia emodi** Wall. ex Royle (Paeoniaceae).

Ill. Bot. Himal. 57. 1834; Fasc. Fl. Ind. I : 5. 1978.

**Type** : Shalma Mountain, Kumaon, Wall. Cat. No. 4727.

**Panax assamicus** Ban. (Araliaceae).

Bull. Bot. Surv. India 10 : 23. 1968.

**Holotype** : India : Eastern Himalaya, Khasia Mountains, *J. D. H. et T. T. s. n.*, Acc. No. 191778.

**P. pseudoginseng** Wall. (Araliaceae).

Trans. Med. Rhys. Soc. Cal. 4 : 117. 1829; Bull. Bot. Surv. India 10(1) :  
23, 1968.

**Lectotype** : Nepal : Central Himalaya, Sheopore, June 1821, Wall.  
Cat. No. 3730, Acc. No. 191766.



**Panax sikkimensis** Ban. (Araliaceae).

Bull. Bot. Surv. India 10 : 21. 1968.

**Holotype** : India : Sikkim Himalaya, July 25, 1909, *Smith & Cave* 2781.**Panicum garadei** Raghavan et Karthik. (Gramineae).

Bull. Bot. Surv. India 24 : 146. 1982 (1983).

**Holotype** : India : Karnataka : Dharwar, Sept. 16, 1907, *L. D. Garade* s. n.**P. jainii** Karthik. et Raghavan (Gramineae).

Bull. Bot. Surv. India 24 : 145. 1982 (1983).

**Holotype** : Pakistan : Sind : Mirpurkas, Dec. 12, 1909, *R. K. Bhide* s. n.**P. nehruense** Jauhar et Joshi (Gramineae).

Bull. Bot. Surv. India 8 : 97. 1966 (1967).

**Isotype** : *P. P. Jauhar* 9B (the type was isolated from a composite seed lot of *Panicum coloratum* obtained from Jodhpur where it is reported to have been introduced from Australia. The specimen has been named as *Panicum nehruense* and was reported of being arrived at CAL).**Paraboea nagalandiana** Deb et Dutta (Gesneriaceae).

J. Bombay Nat. Hist. Soc. 85(1) : 168. 1988.

**Holotype** : India : Nagaland : Narum, 1200-1500 m, Dec. 1907. *A. Meebold* 7394.**Parakaempferia synantha** A. S. Rao et D. M. Verma (Zingiberaceae).

Bull. Bot. Surv. India 11 : 206. 1969 (1971).

**Holotype** : India : Assam : Along Kana River, Chaldhowa, N. Lakhimpur, May 22, 1966, *D. M. Verma* 46585A.**Parardisia gamblei** Nayar et Giri (Myrsinaceae).

Bull. Bot. Surv. India 28 : 250. 1986 (1988).

**Holotype** : Borneo, near Kuching, March 24, 1893, *G. D. Havilland & C. Hore* 608A.**Isotypes** : *Ibid.*, *G. D. Havilland & C. Hore* 608 B-E.**P. involucrata** (Kurz) Nayar et Giri *comb. nov.* (Myrsinaceae).

Bull. Bot. Surv. India 28 : 248. 1986 (1988).

*Ardisia involucrata* Kurz

J. Asiat. Soc. Beng. 40(2) : 68. 1871.

**Type** : E. Himalaya, *Herb. Griffith* Kew Distrib. No. 3560.

**Parvattia brunoniana** (Wall.) Decaisne (Lardizabalaceae).

Arch. Mus. Hist. Nat. Paris 1 : 190. t. 12A. 1839; Fasc. Fl. Ind. 19 : 36. 1988.

*Stauntonia brunoniana* Wall.

Wall. Cat. No. 4952; 1824 *nom. nud.*

**Type** : Montes Silhet, Wall. Cat. No. 4952.

**P. elliptica** (Hemsl.) Nayar et Paul (Lardizabalaceae).

Fasc. Fl. Ind. 19 : 36. 1988.

*Stauntonia elliptica* Hemsl.

Kew Bull. 9, t. 2844. 1909.

**Type** : Assam : Gauhati, *Simons s. n.*, Acc. No. 16832.

**Pauella sivagangana** Ramam. et Seb. (Araceae).

Bull. Bot. Surv. India 8 : 348. 1966 (1967).

**Holotype** : India : Tamil Nadu : Esaniforest, Sivaganga, Ramnad Dist., Aug. 14, 1964, *Ramamurthy* 20794A.

**Paratype** : *Ibid.*, Sept. 12, 1965, *Ramamurthy* 24685A.

**Pauia belladonna** Deb et Dutta (Solanaceae).

Indian For. 91(6): 363-366. 1965.

**Holotype** : India : Arunachal Pradesh, Tirap Frontier Division, way to wakka, about 6 km away at about 2,100 m alt., July 2, 1961, *Deb*, 26422.

**Pavonia procumbens** (Wall. ex Wight & Arn.) Walp. (Malvaceae).

Rep. Bot. Syst. 1 : 301. 1842 *non* Casaretto 1842; Fasc. Fl. Ind. 19: 194. 1988.

**Isolectotype** : India: *Wallich* 2688.

**Pennilabium proboscideum** A. S. Rao & J. Joseph (Orchidaceae).

Bull. Bot. Surv. India 10(2) : 231. 1968 (1969).

**Holotype** : India : Meghalaya : Between Umran and Umsaw besides the Gauhati-Shillong Road, July 23, 1966, *A. S. Rao* 45622.

**Peristrophe bicalyculata** (Retz.) Nees var. *subaequibracteata* S. S. R. Bennet (Acanthaceae).

J. Bombay Nat. Hist. Soc. 66(1) : 229. 1969.

**Holotype** : India : W. Bengal : Shyampur, Howrah Dist., Jan. 2, 1965, *Bennet* 1065A.

**Isotype** : *Ibid.*, *Bennet* 1065B.

**Phanera nicobarica** Balakr. & Thoth. (Caesalpiniaceae).

Bull. Bot. Surv. India 17(1-4) : 201. 1975.

**Holotype** : India: Great Nicobar : 15 km on East-West Road,  $\pm$ 100 m, Aug. 23, 1975, *Balakrishnan* 3043A.

**Isotypes** : Ibid., *Balakrishnan* 3043B-C.

**Paratypes** : 18 km on North-South Road,  $\pm$  25 m, July 17, 1976, *Balakrishnan* 3824 A-B; on the way from Galathea Bay to Pulobaha Bay,  $\pm$  150 m, March 26, 1966, *Thothathri & Banerjee* 10661.

**Pholidota convallariae** var. **breviscapa** Dcori et Joseph (Orchidaceae).

Bull. Bot. Surv. India 20 : 159. 1978 (1979).

**Holotype** : India : Arunachal Pradesh : From 43-camp,  $\pm$  1666 m, Kameng, *A. S. Rao* 50902A.

**P. imbricata** Lindl. var. **sessilis** Hook. f. (Orchidaceae).

Fl. Brit. Ind. 5 : 864. 1890; Bull. Bot. Surv. India 9(1-4) : 92. 1967 (1968).

**Type** : India : Naga Hills : Kohima, 1000-1500 m, *Prain s. n.*

**Phrynium paniculatum** Balakr. (Marantaceae).

Blumea 24 : 185-187. 1978.

**Holotype** : India : Great Nicobar Island, 8 km on East-West Road, Aug. 19, 1975, *Balakrishnan* 2979.

**Paratypes** : Ibid., 31-32 km on East-West Road, June 14, 1977, *Balakrishnan* 5758; on path to Shompenhouses, ex 36.8 km on East-West Road, June 17, 1977, *Balakrishnan* 5827.

**Phyllanthus andamanicus** Balakr. et N. G. Nair (Euphorbiaceae).

Bull. Bot. Surv. India 24 : 35. 1982 (1983).

**Holotype** : India : North Andaman ; Saddle peak *ca* 550 m, Dec. 1, 1976, *Balakrishnan & Nair* 4765A.

**Pimpinella clarkeana** Watt ex Banerji (Apiaceae).

J. Bombay Nat. Hist. Soc. 50(1) : 88. 1951.

**Type** : India : Manipur : Chingsow, 8000 ft., April 18, 1882, *G. Watt* 6556.

**Paratype** : Nepal : Arun Watershed, 10,000 ft., May 21, 1948, *Banerji* 446.

**P. diversifolia** DC. var. **sarmentifera** Goel et Bhattacharyya (Apiaceae).

J. Econ. Tax. Bot. 6(1) : 213. 1985.

**Isotypes** : India : Uttar Pradesh : Garhwal, Gangi, 3000 m, Aug. 10, 1978, *A. K. Goel* 46313 B.-C.

***Pimpinella rollae* Billore et Hemadri (Apiaceae).**

Indian For. 108(11) : 712. 1982.

**Holotype** : Raised from the seeds of *K. V. Billore* 115489A-J, July 15, 1969, *K. V. Billore* 115986A.

**Isotypes** : *K. V. Billore* 115986 F-G.

**Paratype** : *K. V. Billore* 115489A. The plant was observed in drying condition in the shade of a steep, overhanging rock on way to Kedarnath Temple (Popularly known as Harishchandragarh, Thana Dist., Maharashtra, India) from Panchnai, Nov. 17, 1968. Seeds were collected and shown in June 1969 in the experimental plots of BSI, Poona. A large number of herbarium specimens were prepared from sowing of fruits in addition to the live materials.

***P. tongloensis* P. K. Mukherjee (Apiaceae).**

Bull. Bot. Surv. India 12 : 78. 1970 (1972).

**Holotype** : India: Sikkim : Oct. 14, 1868, *S. Kurz s. n.*, Acc. No. 188365.

**Isotype** : *S. Kurz s. n.*, Acc. No. 188367.

***P. urceolata* Watt ex Banerji (Apiaceae).**

J. Bombay Nat. Hist. Soc. 50(1) : 89. 1951; Bull. Bot. Surv. India 12 (1-4) : 77. 1970 (1972).

**Type** : India : Sikkim : Tonglo, Rinchinpong and Gassing, 3500 ft., Oct. 2, 1862, *Anderson* 623.

**Paratypes** : Tonglo, without collector's name, Oct. 1, 1857 (two sheets); Tonglo? Oct. 14 & 21, 1868, *Kurz s. n.* (three sheets) ; Tonglo, 9000 ft., July 8, 1882, *Gamble s. n.*

***Pinda concanensis* (Dalzell) Mukherjee & Constance (Apiaceae).**

Kew Bull. 1986. 41(1) : 226.

*Heracleum concanense* Dalzell

Hooker's Journ. Bot. Kew Gard. Misc. 2 : 260 (1850).

**Isotype** : *Heracleum concanense* : India : Bombay Presidency, in *Colibus concanensibus*, Bombay Presidency, *Dalzell*.

***Pittosporum eriocarpum* Royle (Pittosporaceae).**

Ill. Bot. Himal. 1 : 77. 1834; Fasc. Fl. Ind. 6 : 7. 1980.

**Type** : From above Sahasradhara to Mussoorie from 3000-6700 ft. of 30½° Northern latitude, *Royle s. n.*

***P. humile* Hook. f. & Thoms. (Pittosporaceae).**

Fl. Brit. Ind. 1 : 198. 1872; Fasc. Fl. Ind. 6 : 8. 1980.

**Type** : India : Khasi Hills, Banks of Borpani River, 5000 ft., *Hooker f. & Thomson*.

**Pittosporum podocarpum** Gagnepain var. **angustatum** Gowda (Pittosporaceae).  
J. Arn. Arb. 32 : 295. 1951; Fasc. Fl. Ind. 6 : 11. 1980.  
Type : China : Yunnan : Menglze, 7000 ft., *Henry* 10545.

**P. reticosum** Ridl. (Pittosporaceae).  
Fl. Mal. Penins. 1 : 137. 1922.  
Isotype : Pahang, 5-6000 ft., July 7, 1905, *H. C. Robinson & L. Wray* 5444.

**P. viridulum** Nayar, Giri et Chandrasekaran (Pittosporaceae).  
Fasc. Fl. Ind. 6 : 11. 1980.  
Holotype : India : Tamil Nadu : Nilgiri, Nadugani forest, Kozhipalam, 825 m, Sept. 19, 1980, *Chandrasekaran* 69264.  
Paratype : Ibid., *Chandrasekaran* 64100.

**Plagiogyria elongata** Dixit et Das (Plagiogyriaceae).  
Proc. Indian Acad. Sci. (Plant Sci.) 90(4) : 377. 1981.  
Paratypes : India : Assam : Shora,  $\pm$ 1400 m, Aug. 15, 1872, *Clarke* 18853; Meghalaya,  $\pm$  2000 m, *J. D. H.* and *T. T. s. n.*, Acc. No. 9467.

**P. meghalayensis** Dixit et Das (Plagiogyriaceae).  
Proc. Indian Acad. Sci. (Plant Sci.) 90(4) : 378. 1981.  
Holotype : India : Meghalaya : Shillong, Elephant Falls, March, 1979, *Rao* 4866.

**P. triquetra** Wall. ex Mett. (Plagiogyriaceae).  
Abhandl. d. Senckenb. naturf. Ges. B. 2. 274. 1858; *Acrostichum* Wall. List No. 23. 1828 (*nom. nud.*); Proc. Indian Acad. Sci. (Plant Sci.) 90 (4) : 376. 1981.  
Isotype : Nepal : 1921, *Wallich* 23, Acc. No. 9466.

**Plagiothecium dehradunense** Vohra (Plagiotheciaceae).  
Bull. Bot. Surv. India 16(1-4) : 139. 1974 (1977).  
Holotype : India : Uttar Pradesh : Dehra Dun, Rajpur, 900 m, Oct. 24, 1968, *C. L. Malhotra* 558.

**Planchonella kingiana** Rakesh et Thoth. (Sapotaceae).  
J. Econ. Tax. Bot. 13(1) : 47. 1989.  
Type : India : South Andaman, near Port Blair, Aug. 9, 1984, *Dr. King's Collector* 409.

**P. kingiana** Rakesh et Thoth. var. **andamanica** (Sapotaceae).  
J. Econ. Tax. Bot. 13(1) : 47-49. 1989.

**Type** : India : Andaman : Herb. Hort. Calcuttensis, Dec. 1900, *Dr. Prain's Collector* 64.

**Pogostemon travancoricus** Bedd. var. **devicolamensis** Shetty et Vivekananthan (Labiatae).

Bull. Bot. Surv. India 15 : 155. 1973 (1976).

**Holotype** : India : Kerala : Lower Vagavurrai, Devicolam, 1800 m, Feb. 5, 1970, *Shetty & Vivekananthan* 33420A.

**Polycarpaea corymbosa** (L.) Lam. var. **longipetala** Srinivasan et Narasimhan (Caryophyllaceae).

J. Econ. Tax. Bot. 10(2) : 347. 1987.

**Holotype** : Pondicherry, on the road to Marakanam, Jan. 11, 1959, *Subramanyam* 7603.

**Polygala angustifolia** (Chodat) R. N. Ban. (Polygalaceae).

Bull. Bot. Surv. India 26(1) : 2. 1984 (1985).

*P. arillata* Buch.-Ham. ex D. Don var. *angustifolia* Chodat  
Mem. Soc. Phys. Hist. Nat. Genev. 31(2) : 95. 1893.

**Type** : India : Sikkim (Darjeeling), Northside of Sinchal, Aug. 1862, 7200 ft., *Anderson* 738.

**P. angustifolia** (Chodat) R. N. Ban. var. **scandens** (Mukerjee) Giri et R. N. Ban. (Polygalaceae).

Bull. Bot. Surv. India 26 (1) : 3. 1984 (1985).

*P. arillata* f. *scandens* Mukerjee

Cent. Souv. Madras Herb. 49. 1954 ; Bull. Bot. Soc. Beng. 12 (1 & 2) : 31. 1958.

**Holotype** : India : Nagaland : Kohima, Naga Hills, 3500-6500 ft. (1060-1980 m), July 1886, *Prain s. n.*

**P. arillata** Buch.-Ham. ex D. Don var. **chartacea** (Mukerjee) Giri (Polygalaceae).

Bull. Bot. Surv. India 26(1) : 5. 1984 (1985).

*P. arillata* f. *chartacea* Mukerjee

Cent. Souv. Madras Herb. 50. 1954; Bull. Bot. Soc. Beng. 12 : 32. 1958.

*P. arillata* f. *meeboldii* Mukerjee Ibid., *pro parte*.

**Holotype** : India : Kerala : Travancore, 4500 ft. (1500 m), *Bourdillon s. n.*

**Polygala arillata** Buch.-Ham. ex D. Don var. **purpurescens** Clarke ex Mukerjee (Polygalaceae).

Cent. Souv. Madras Herb. 51. 1954 ; Bull. Bot. Soc. Beng. 12 : 32. 1958; Bull. Bot. Surv. India 26(1) : 4. 1984 (1985).

*P. arillata* f. *sikkimensis* Mukerjee

Cent. Souv. Madras Herb. 49. 1954 ; Bull. Bot. Soc. Beng. 12 : 31. 1958, *pro parte*, *Syn. nov.*

**Holotype** : India : Meghalaya : Khasia, Mamloo, 4000 ft., 1220 m, *Clarke* 45444.

**P. arillata** Buch.-Ham. ex D. Don var. **revoluta** (Mukerjee) Giri (Polygalaceae).

Bull. Bot. Surv. India 26(1-2) : 5. 1984 (1985).

*P. arillata* f. *revoluta* Mukerjee

Cent. Souv. Madras Herb. 50. 1954 ; Bull. Bot. Soc. Beng. 12 : 32. 1958.

**Holotype** : India : Tamil Nadu : Ootacamund, Nov. 1899, *Watt s. n.*

**P. chinensis** Linn. var. **hirsuta** Mukerjee (Polygalaceae).

Bull. Bot. Soc. Beng. 12(1-2) : 40. 1958.

**Type** : Bangladesh : Above kasalong, Chittagong Hill tracts, *J. L. Lister s. n.*

**P. globulifera** Dunn (Polygalaceae).

J. Linn. Soc. 35 : 486. 1903; Bull. Bot. Surv. India 26(1) : 6. 1984 (1985).

**Isotype** : China : Yunan : Forest South and South east of Szemao mts. 1220-1820 m, 1899, *Henry* 12805A.

**P. globulifera** Dunn var. **kachinensis** (Mukerjee) R. N. Ban. Comb. et. stat. nov. (Polygalaceae).

Bull. Bot. Surv. India 26(1) : 6. 1984 (1985).

*P. arillata* f. *kachinensis* Mukerjee

Cent. Souv. Madras Herb. 49. 1954 ; Bull. Bot. Soc. Beng. 12 : 30. 1958.

**Holotype, Isotype** : Burma : Kachin Hills, Nov. 1897, *Shaik Mokim s. n.*

**P. hyalina** Wall. ex Hassk. var. **pusila** Mukerjee (Polygalaceae).

J. Bombay Nat. Hist. Soc. 51 : 524. 1953 (Emended); Bull. Bot. Soc. Beng. 12(1-2) : 35. 1958.

**Type** : Burma : Mree Hill, Maym, 1000 m, Sept. 12, 1915, *A. Rodger* 170.

**Polygala jacobii** Chandr. (Polygalaceae).

Bull. Bot. Surv. India 9 : 288. 1967 (1968).

**Holotype** : India : Tamil Nadu : From the banks of the Noyil river, Coimbatore town, 467 m, May 9, 1965, *Chandraboze* 28777A.**P. kyoukmyoungensis** Mukerjee (Polygalaceae).

Bull. Bot. Soc. Beng. 12(1-2) : 48. 1958.

**Holotype** : Upper Burma : Kyoukmyoung, July 1891, *Abdul Huk s n.***P. pellucida** Lace (Polygalaceae).

Kew Bull. 1915 : 395. 1915 ; Bull. Bot. Soc. Beng. 12(1-2) : 35. 1958.

*P. carnos* Mukerjee

J. Bombay Nat. Hist. Soc. 51 : 524. 1953.

**Isotype** : Burma : Maymyo Plateau, alt. 1050 m, *Lace* 4844.**P. ramaswamiana** Mukerjee (Polygalaceae).

J. Bombay Nat. Hist. Soc. 53 : 55. 1955; Bull. Bot. Soc. Beng. 12(1-2) : 38. 1958.

**Type** : S. India : Peermade, *Meebold* 12858.**P. ramaswamiana** Mukerjee f. *devicolamensis* Mukerjee (Polygalaceae).

J. Bombay Nat. Hist. Soc. 53 : 56. 1955 ; Bull. Bot. Soc. Beng. 12(1-2) : 38. 1958.

**Type** : S. India : Devicolam, *A. Meebold* 13185.var. *palinsensis* Mukerjee

J. Bombay Nat. Hist. Soc. 53 : 56. 1955; Bull. Bot. Soc. Beng. 12(1-2) : 38. 1958.

**Type** : S. India : Kilavare, Upper Palnis, 2000 m, Sept. 20, 1911, *C.E.C. Fischer* 3026.**P. raoi** R. N. Ban. et L. K. Ban. (Polygalaceae).

Proc. Indian Acad. Sci. 82B (6) : 218. 1975.

**Holotype** : India : Tamil Nadu : Vivekanandapuram, flowering and fruiting June 28, 1971, *T. A. Rao* 8216.**Polygonum sarbhanganicum** Subba Rao (Polygonaceae).

Bull. Bot. Surv. India 6(1) : 106. 1964 (1965); Bennet, Name Chang. Flowri. Pl. Ind. &amp; Adj. Reg.

**P. glandulosum** Subba Rao

Bull. Bot. Surv. India 5 : 257. 1964, non Poir 1804, nec. R. Br. 1810.

**Isotype** : India : Assam : Goalpara, Sandy Banks of the river Sarbhanga about 1200 m, April 24, 1957, *R. S. Rao* 7162B.



**Polypogon monspeliensis** (Linn.) Desf. var. **indicus** Sunanda Bhattacharya et Jain (Poaceae).

Bull. Bot. Surv. India 25(1-4) : 208. 1983 (1985).

**Holotype** : India : Punjab : Ferozepore, *s. l.*, *s. n.*

**Paratype** : Afghanistan, Herb. *Griffith* 6750.

**Polystichum lentum** (D. Don) Moore var. **bifurcatum** Biswas and Basu (Dryopteridaceae).

J. Econ. Tax. Bot. 3(3) : 961. 1982.

**Holotype** : India : Sikkim (East Dist.) : Gangtok, below Honuman top, Nov. 20, 1980, *P. Chakravarty* 818.

**Isotype** : *P. Chakravarty* 818A.

**P. levingei** N. C. Nair (Dryopteridaceae).

Bull. Bot. Surv. India 11 : 192. 1969 (1971).

**Holotype** : Bhutan : Dochula, 3250 m, Sept. 22, 1964, *Sengupta* 436.

**Paratypes** : Koongma, 3750 m, *Levinge* 14593; W. Bengal : Darjeeling, Oct. 15, 1880, *Levinge* 14594, 14595, 14596; Bhutan : Phullot, 3437 m, *Levinge s. n.* & 8541.

**Polyzygus tuberosus** Dalzell ex Walpers (Umbelliferae).

Ann. Bot. Syst. 2 : 715. 1852; Kew Bull. 41(1) : 228. 1986.

**Paratype** : India : Maharashtra : Bombay, Malwan, *Dalzell s. n.*

**Pomatocalpa bhutanicum** Balakrishnan (Orchidaceae).

J. Bombay Nat. Hist. Soc. 75(1) : 161. 1978.

**Holotype** : E. Bhutan : Tashiyangtshi, 1870 m, flowered in National Orchidarium, Shillong, June 24, 1965, *Balakrishnan* 41993A.

**Portulaca pilosa** Linn. ssp. **pilosa** (Portulacaceae).

Sp. Pl. (1753) 445; Blumea 17(2) : 295. 1969.

*P. javanensis* var. *grisea* Poelln.

Rev. Sudamer. Bot. 7(1943) 273.

**Isotype** : *P. Javanensis* var. *grisea* : Siam : Pedang, *Yapp* 289.

**Potentilla panigrahiana** Dikshit (Rosaceae).

Bull. Bot. Surv. India 27(1-4) : 107-108. 1985 (1987).

**Holotype** : Kashmir : Bhurjile, Deosai Plain side, 4575 m, July 31, 1940, *R. R. Stewart* 20137.

**Primula flagellaris** W. W. Sm. (Primulaceae).

Rec. Bot. Surv. India 4 : 219. 1913; J. Econ. Tax. Bot. 11(1) : 178. 1987.

**Holotype** : Sikkim : Zemu Valley, *Smith et Cave* 2631.

**P. subansirica** G. D. Pal (Primulaceae).

J. Bombay Nat. Hist. Soc. 82(3) : 617. 1985.

**Holotype** : India : Arunachal Pradesh : Subansiri Dist., Begi, alt. 2000 m, April 24, 1980, *G. D. Pal* 78219.

**Prunus bracteopadus** Koehne (Rosaceae).

Fedde's Repert. spec. nov. 9 : 33. 1910/1911; Fasc. Fl. Ind. 18 : 27. 1984.

**Isotypes** : India : Jowai, 1524 m, Oct. 27, 1892, (Sphalm. 93) *Dr. King's Collector*; Burma Superior, Kachin montes, Sadan, 1981 m, 1900, *Shaik Mokim s. n.*

**P. cerasoides** D. Don var. **cerasoides** (Rosaceae).

Prodr. Fl. Nepal 239 (Oct.) 1825; Fasc. Fl. Ind. 18 : 21. 1984.

**Isotype** : Nepal : Narainhetty, *Hamilton s. n.*

**P. phaeosticta** (Hance) Maxim. (Rosaceae).

Bull. AC. Imp. Sc. St. Petersb. 3 : 29. 110. 1883; Fasc. Fl. Ind. 18 : 35. 1984.

**Isolectotype** : Hong Kong : Verticem montium Pakwan, *Hance* 6015.

**P. pygeoides** Koehne (Rosaceae).

Engl. Bot. Jahrb. 52 : 297. 1915; Fasc. Fl. Ind. 18 : 36. 1984.

**Isotype** : India : Bihar : Summit of Parusnath, 1220 m, Nov. 15, 1950. *T. Anderson s. n.*

**P. rufa** Steud. ex Hook. f. var. **rufa** (Rosaceae).

Fl. Brit. Ind. 2 : 314. 1878. *p. p.*; Fasc. Fl. Ind. 18 : 23. 1984.

**Isotype** : Nepal : Gossainthan, Aug. 1821, Wall. Num. List No. 721.

**P. rufa** Steud. ex Hook. f. var. **trichantha** (Koehne) Hara (Rosaceae).

J. Jap. Bot. 37 : 99. 1962; Fasc. Fl. Ind. 18 : 24. 1984.

**Lectotype selected** : Eastern Himalaya : Sikkim, Temperate region, 3000-4000 m, *J. D. Hooker & Thomson, p.p.*

**Pseudodissochaeta assamica** (C. B. Cl.) Nayar (Melastomataceae).

J. Bombay Nat. Hist. Soc. 65(3) : 559. 1968.

**Isotype** : India : Muneypore (Manipur), 225 m, Nov. 30, 1885. *C. B. Clarke* 42323.

**Pseudoleskea laevifolia** (Mitt.) Jaeg. var. **vasudharensis** Vohra (Leskeaceae).

Bull. Bot. Surv. India 22 : 122. 1980 (1982).

**Holotype** : India : Uttar Pradesh : Chamoli Dist., Vasudhara, 3500 m, Oct. 7, 1959, *Vohra* 29.

**Paratypes** : India : Himachal Pradesh : Nachar, Panchhotekhad, 2600 m, Oct. 10, 1960, *Vohra* 448; Tehri-Garhwal, Kidarkanta, 2440-3050 m, Oct. 1879, *Duthie* (Present under the name *Pseudoleskea fuscifolia* C. Muell).

**Pseudostellaria heterophylla** (Miq.) f. **nepalensis** Majumdar (Caryophyllaceae).

J. Bombay Nat. Hist. Soc. 64(3) : 589. 1967.

**Holotype** : Nepal : Nomcha-Thamboche, 3450 m, *Banerjee et Shakyu* 5655.

**Psychotria balakrishnii** Deb et Gang. (Rubiaceae).

Bull. Bot. Surv. India 25 (1-4) : 211. 1983 (1985).

**Holotype** : North Andaman : Saddle peak,  $\pm$  650 m, Dec. 2, 1976, *N. P. Balakrishnan & N. G. Nair* 4785A.

**Paratype** : Middle Andaman : Tugapur,  $\pm$  15 m, July 31, 1974, *N. Bhargava* 1949.

**P. bangladeshica** Gang. et T. Chakrab. (Rubiaceae).

J. Econ. Tax. Bot. 13(1) : 115. 1989.

**Holotype** : Bangladesh, *Griffith s. n.* (K. D. No. 3034).

**Paratype** : India : Assam, *Master s. n.*

**P. beddomei** Deb et Gang. (Rubiaceae).

J. Econ. Tax. Bot. 5(2) : 479. 1984.

**Paratypes** : Cheimunjee (?) 1200 m, (4000 ft.) April 9, 1898, (?) 969 ; 900 m (3000 ft.), April, 11, 1898, (?) 960.

**P. bhargavii** Gang. et T. Chakrab. (Rubiaceae).

J. Econ. Tax. Bot. 13(1) : 113. 1989.

**Holotype** : India : S. Andamans, Hobdaypur, Sept. 6, 1890, *King's Collector s. n.*, Acc. No. 212666.

**Paratypes** : *Ibid.*, *King's Collector s. n.*, Acc. Nos. 212667, 212684; Anikhet-Hill Jungle, Sept. 3, 1892, *King's Collector s. n.*, Acc. No. 212611.

**P. burkillii** Deb et Gang. (Rubiaceae).

Bull. Bot. Surv. India 25 (1-4) : 213. 1983 (1985).

**Holotype** : India : Arunachal Pradesh : Siang Dist., Tuting to Koppu, 2000-2400 ft. (600-720 m), Nov. 7, 1958, *R. S. Rao* 17415A.

**Isotype** : *Ibid.*, *R. S. Rao* 17415 B-C.

**Paratype** : Arunachal Pradesh : Subansiri Dist., Lalik Valley, 2000 ft. (600 m), March 2, 1912, *J. H. Burkill* 38166.

**Psychotria burmanica** Deb et Gang. (Rubiaceae).

*J. Bombay Nat. Hist. Soc.* 81(2) : 439. 1984.

**Holotype** : Burma : Tavoy : Head waters of Sedi chung 900 m, May 15, 1920, *P. T. Russell* 1806A, in flower.

**Isotype** : *Ibid.*, *P. T. Russell* 1806B.

**Paratypes** : *Ibid.*, June 1, 1920, *P. T. Russell* 1832 A, B, C, in fruit, *D. Sterile*; Heinze No. I Camp., 510 m, April 18, 1921, *P. T. Russell* 2027 A,B,C, in flower.

**P. calderi** Deb et Gang. (Rubiaceae).

*J. Econ. Tax. Bot.* 5(2) : 477. 1984.

**Holotype** : Burma : Thabawlich, Cinchona Camp, March 21, 1924. *C. C. Calder s. n. A.*

**Isotype** : *Ibid.*, *C. C. Calder s. n. B.*

**Paratypes** : *Ibid.*, March 30, 1924, *C. C. Calder s. n.*; Tenasserim, 1929, *K. Biswas* 126.

**P. fulva** Buch.-Ham. ex Hook. f. var. **brevi-bracteata** Gang. et. T. Chakrab. (Rubiaceae).

*J. Econ. Tax. Bot.* 13(1) : 116. 1989.

**Holotype** : India : Meghalaya; Jowai, Khlie Riat Area, N. of Jowai, May 26, 1957, *G. Panigrahi* 2566.

**P. kurzii** Deb et Gang. (Rubiaceae).

*Taxon.* 31(3) : 546. 1982.

*P. polyneura* Kurr.

*J. Bot.* 4 : 327. 1875.

**Type** : S. Andaman, *Kurz s. n.*

**P. meeboldii** Deb et Gang. (Rubiaceae).

*J. Bombay Nat. Hist. Soc.* 81(2) : 442. 1984.

**Holotype** : Ceylon (Sri Lanka) : Colombo : March, 1905, *A. Meebold* 2323.

**P. nudiflora** W. & A. var. **latifolia** Deb et Gang. (Rubiaceae).

*Bull. Bot. Surv. India* 25(1-4) : 215. 1983. (1985).

**Holotype** : India : Tamil Nadu : Kanniyakumari Dist., Vallachithodu, Lower Kodayar,  $\pm$  550 m, Oct. 7, 1980, *A. N. Henry* 68941.

**Paratypes** : Tamil Nadu : Kilaviarumalai,  $\pm$  500 m, Aug. 29, 1976, *A. N. Henry* 48121; Muthukuzhivayal,  $\pm$  1400 m, Aug. 6, 1977, *A. N. Henry* 49621; Tirunelveli Dist., Kannikatti, 830 m, Nov. 10, 1959, *K. M. Sebastine* 9627.

**Psychotria russellii** Deb et Gang. (Rubiaceae).

J. Bombay Nat. Hist. Soc. 81(2) : 444. 1984.

**Holotype** : Burma : Tavoy : Heinze No. 1 Camp, 510 m, April 5, 1921, *P. T. Russell* 1943A (in flower).

**Isotype** : Ibid., *P. T. Russell* 1943B.

**Paratypes** : Ibid., Nov. 23, 1921, *P. T. Russell* 2186 (in flower); Ibid., April 28, 1921, *P. T. Russell* 2077 (in flower); Tenasserim, March, 1911, *A. Meebold* 14700 (in fruit).

**P. sekharana** K. Ramamurthy et R. Rajan (Rubiaceae).

J. Bombay Nat. Hist. Soc. 80(3) : 621. 1983.

**Holotype** : India : Kerala : On the banks of Kannankuzhi river side, Trichur Dist., 250 m, March 22, 1980, *Ramamurthy* 66275.

**P. silhetensis** Hook. f. subsp. *tomentosa* Deb et Gang. (Rubiaceae).

J. Bombay Nat. Hist. Soc. 80(2) : 466. 1983.

**Holotype** : India : Assam : North Lakhimpur, Makum, Nov. 21, 1911, *I. H. Burkill* 35726.

**Paratype** : North Lakhimpur, Dulong Reserve forest, Nov. 21, 1957, *G. Panigrahi* 11251.

**Pteris silent-valliensis** S. R. Ghosh et R. K. Ghosh (Pteridaceae).

J. Bombay Nat. Hist. Soc. 79(2) : 385. 1982.

**Holotype** : India : Kerala : Way to Kuntiphuzha river, Silent Valley, Palghat, April 21, 1980, *Vohra et Ghosh* 56301.

**Isotype** : Ibid., *Vohra et Ghosh* 56301.

**Pterocarpus macrocarpus** Kurz (Leguminosae).

Journ. Asiat. Soc. Beng. 43 : 187. 1874; Thoth., Tax. Revi. Dalbergieae P. 214. 1987.

**Lectotype designated** : Pegu : Tonkyeghat, at 7 Pagodas, *Kurz* 1772.

**P. marsupium** Roxb. subsp. *acuminatus* (Prain) Thoth. (Leguminosae).

Thoth., Tax. Revi. Dalbergieae P. 227. 1987.

**Lectotype designated** : Karnataka : N. Kanara, Yellapore, Oct. 1882, *Talbot* 4.

**Pyrenaria burmanica** T. K. Paul et Nayar (Theaceae).

Journ. Jap. Bot. 64(1) : 8. 1989.

**Holotype and Isotype** : Burma : Tenasserim, Humatee, 5000 ft. April 10, 1877, *Geo Gallatly* 695.

**Raddia angustifolia** Soderstrom et Zuloaga (Gramineae).

Brittonia 37(1) : 32. 1985.

**Isotype** : Brazil, Bahia, 210 m, April 4, 1976, *T. R. Soderstrom, G. F. Russell & J. Hage* 2110.

**Rhamnus collettii** M. M. Bhandari et A. K. Bhansali (Rhamnaceae).

J. Econ. Tax. Bot. 5(4) : 913. 1984.

**Type** : Punjab Himalayas, 1892, *H. Collett s. n.*

**Rhodiola imbricata** Edgew. var. **lobulata** Singh et Bhattacharyya (Cras-sulaceae).

Bull. Bot. Surv. India 25(1-4) : 246-248. 1983 (1985).

**Holotype** : India : Himachal Pradesh : Sach Pass, 4535 m, July 23, 1964, *N. C. Nair* 32763A (Male plant).

**Rhododendron santapau** A. R. K. Sastry, S. K. Katak, Peter Cox, Patricia Cox and P. Hutchinson (Ericaceae).

J. Bombay Nat. Hist. Soc. 65(3) : 744. 1968.

**Holotype** : India : Arunachal Pradesh : Begi, c 1540 m, Subansiri Dist., May 23, 1966, *A. R. K. Sastry* 45720.

**Rhynchoglossum lazulinum** A. S. Rao et Joseph (Gesneriaceae).

Bull. Bot. Surv. India 9 : 280. 1967 (1968).

**Holotype** : India : Arunachal Pradesh : At Krishna, 30 km from Bhallukpong, 1250 m, on the way to Sessa, Kameng Dist., in shady moist places near the way side, on black humus soil, Sept. 10, 1964, *Joseph* 39716A.

**Paratypes** : *N. L. Bor* 18179 Aka Hills, 1936; *G. K. Deka s. n.* (B. S. I. Acc. No. 29477) Balipara F. T. 13.11.51; *A. R. K. Sastry* 40738 on way from Palim to Sayata, Subansiri district, N. E. F. A. on hilly slopes of damp forest floor and along small streams with Impatiens, on black clay soil, 19.11.1964.

**Rhynchosia fischeri** Satyan. et Thoth. (Fabaceae).

Bull. Bot. Surv. India 28 : 241. 1986 (1988).

**Holotype** : India : Tamil Nadu : Dimbam, ±1165 m, Coimbatore Dist., Nov. 15, 1906, *C. E. C. Fischer* 1374

**R. hainesiana** Satyan. et Thoth. (Fabaceae).

Bull. Bot. Surv. India 28 : 243. 1986 (1988).

**Holotype** : India : Orissa : Angul forests, March 1917, *H. H. Haines* 3995.

**R. jacobii** Chandr. et Shetty (Fabaceae).

Bull. Bot. Surv. India 15 : 139. 1973 (1976).

**Holotype** : India : Tamil Nadu : Thulukkamparai, Eastern slope of Mahendragiri Hills, Tirunelveli Dist., 425 m, July 25, 1966, *Shetty & Chandrabose* 27989A.

**Rhynchosia meeboldii** Satyan. et Thoth. (Fabaceae).

Bull. Bot. Surv. India 28 : 243. 1986 (1988).

**Holotype** : India : Naga Hills, Shibong,  $\pm$  1000 m, Dec. 1907, *A. Meebold* 7582.**Rhynchostegium calderii** Vohra (Brachytheciaceae).

Bull. Bot. Surv. India 22(1-4) : 124. 1980 (1982).

**Holotype** : Eastern Himalaya, Lalkuti, 2-3 miles on Sonada-Mungpu Road, 2500 m, June 29, 1926, *Calder* 1102A.**Rinorea longiracemosa** (Kurz) Craib (Violaceae).

Fl. Siam. Enum. 90. 1925; Fasc. Fl. Ind. 12 : 7. 1983.

**Neotype** : Martaban, *S. Kurz* 41.**Rosa clinophylla** var. **parvifolia** (Lindl. ex Prain) Ghora et panigrahi (Rosaceae).

Journ. Jap. Bot. 60(2) : 59. 1985.

*R. involucrata* var. *parvifolia* Lindl. ex PrainJourn. Asiat. Soc. Beng. 73(2). No. 5. 202. 1904. *p.p.***Syntypes** : N. W. Himalaya : Kumaon, Wall. Num. List No. 696; Behar : Chotonagpur, *J. J. Wood s. n.***R. hirsuta** Chhabi Ghora et Panigr. (Rosaceae).

Bull. Bot. Surv. India 28 : 117. 1986 (1988).

**Holotype** : India : Uttar Pradesh : Kumaon, Milanglacier, 3812 m, Aug. 28, 1848, *Strachey et Winterbottom* 5, Acc. No. 151642.**Isotype** : Ibid., Acc. No. 151641.**R. lyellii** Lindl. (Rosaceae).

Ros. Monogr. 12. t. 1. 1820; J. Jap. Bot. 60(2) : 59. 1985.

**Type** : *Wallich* 682A, Acc. No. 151437.**Rostellularia vahlii** (Roth) Nees var. *rupicola* Ellis (Acanthaceae).

Bull. Bot. Surv. India 11 : 435. 1969 (1971).

**Holotype** : India : Andhra Pradesh : Srisailam, Nallamalais, Kurnool Dist., July 12, 1963, *Ellis* 16842A.**Rubia aitchisonii** Deb et Malick (Rubiaceae).

J. Bombay Nat. Hist. Soc. 63(3) : 781. 1966.

**Holotype** : Afghanistan : Badgis : April 29, 1885, *Aitchison* 338A.

- Rubia albicaulis** Boiss. var. **stenophylla** Boiss. (Rubiaceae).  
Fl. Or. 3 : 19. 1876; Bull. Bot. Surv. India 10(1) : 12. 1968.  
**Lectotype designated** : Schiras, June 17, 1842, *Kotschy* 543.
- R. albicaulis** Boiss. var. **stenophylla** Boiss. f. **infundibularis** (Hemsl. & Lace) Deb et Malick (Rubiaceae).  
J. Bombay Nat. Hist. Soc. 63(3) : 783. 1966.  
**Lectotypes** : Baluchistan, Ziarat, *J. H. Lace* 3945, 3870.
- R. angustissima** Wall. ex G. Don (Rubiaceae).  
Gen. Syst. 3 : 643. 1834; Bull. Bot. Surv. India 10(1) : 5. 1968.  
*R. charaefolia* Wall. ex G. Don  
**Lectotype designated** : Taong Dong, Nov. 26, 1826, Wall. Cat. 6207.
- R. cordifolia** Linn. var. **cordifolia** f. **strigosa** Deb et Malick (Rubiaceae).  
J. Bombay Nat. Hist. Soc. 63(3) : 782. 1966.  
**Holotype** : Bhutan : Chumbi, Ta esiu Doom, June 17, 1884, *G. King* 482A.  
**Isotypes** : *G. King* 482 B & C.  
**Paratype** : India: Arunachal Pradesh : Jeon to Poom, Kameng F. D., May 21, 1958, *G. Panigrahi* 16006A.
- R. florida** Boiss. (Rubiaceae).  
[In Kotsch. Pl. Pers. Exs. Feb. 1845 &] Diagn. Pl. Or. Nov. 1(6) : 70. 1845; Bull. Bot. Surv. India 10(1) : 5. 1968.  
**Lectotype designated**: *Kotschy* 245.
- R. sikkimensis** Kurz (Rubiaceae).  
J. Roy. Asiat. Soc. Beng. 43(2) : 188. 1874; Bull. Bot. Surv. India 10(1) : 12. 1968.  
**Lectotype designated** : India : E. Himalaya : Gunkabaree, Oct. 68, *S. Kurz s. n.*
- R. tibetica** Hook. f. (Rubiaceae).  
Fl. Brit. Ind. 3 : 204. 1881; Bull. Bot. Surv. India 10(1) : 4. 1968.  
**Lectotype designated** : Western Tibet : 3000-4000 m, *Thomson s. n.*
- Rubus ghanakantae** Rolla Rao et Joseph (Rosaceae).  
Bull. Bot. Surv. India 12 : 261. 1970 (1972).  
**Holotype** : India : Arunachal Pradesh : Kameng Dist., along the moist soil slopes leading to the ascent of Bomdila, at about 2160 m altitude, nearly 4-5 km from Rahung, June 5, 1957, *Rolla* 8086A.



**Sabia campanulata** Wall. var. **kingiana** Nayar et Majumdar (Sabiaceae).

Bull. Bot. Surv. India 24 : 219. 1982 (1983).

**Holotype** : India : Sikkim Himalaya : *G. King s. n.*, Acc. No. 97399.

**Sadiria boweri** Dunn (Myrsinaceae).

Bull. Misc. Inform. Roy. Bot. Gard. Kew 1920 : 111. 1920 ; Bull. Bot. Surv. India 16 : 147. 1974 (1977).

**Type** : India : Arunachal Pradesh : Abor Summit of Bapu, 2080 m, March 7, 1912. *I. H. Burkill* R.E.P. 36929.

**S. eugenifolia** (Wall.) Mez. (Myrsinaceae).

Engl. Pflanzenreich 9 (iv. 236) : 182. 1902; Bull. Bot. Surv. India 16(1-4) : 146. 1974 (1977).

*Ardisia eugenifolia* [Wall. Cat. No. 2276. 1830] ex A. DC.

Trans. Linn. Soc. 17 : 120. 1834; DC. Prodr. 8 : 130. 1844.

*Pimelandra eugenifolia* Hook. f. Benth. et Hook. f.

Gen. Plant. 2 : 647. 1876; Hook. f., Fl. Brit. Ind. 3 : 530. 1882.

*Tinus eugenifolia* O. Ktze.

Rev. Gen. 2 : 974. 1891.

**Type** : India : Meghalaya : Khasia, *Wallich* 2276.

**S. eugenifolia** (Wall.) Mez. var. **burmanica** Nayar et Giri (Myrsinaceae).

Bull. Bot. Surv. India 16 : 146. 1974 (1977).

**Holotype** : Burma : Myitkyina Dist., 1100 m, May 11, 1919, *C. Gilbert Rogers* 852.

**S. griffithii** (Clarke) Mez (Myrsinaceae).

Engl. Pflanzenreich 9(iv. 236) : 183. 1902; Bull. Bot. Surv. India 16 (1-4) : 146. 1974 (1977).

*Pimelandra griffithii* Clarke

Fl. Brit. Ind. 3 : 531. 1882.

*Tinus kurzeana* O. Ktze.

Rev. Gen. 2 : 973. 1891.

*Ardisia eugenifolia* Kurz (non Wall.).

For. Fl. 2 : 111. 1877 et J. Asiat. Soc. Beng. 2 : 225. 1877.

**Type** : Burma : Sine loc., *Griffith* 3598.

**S. subsessilifolia** Nayar et Giri (Myrsinaceae).

Bull. Bot. Surv. India 16 : 144. 1974 (1977).

**Holotype** : India : Arunachal Pradesh : Abor, Rengging, Feb. 20, 1912, *I. H. Burkill* R.E.P. 36657.

**Sageraea elliptica** (A. DC.) Hook. f. & Thoms. (Annonaceae).

Fl. Ind. 1 : 93. 1855; Fasc. Fl. Ind. 10 : 6. 1982.

Type : Burma : Tavoy : Wall. Num. List No. 6470.

**S. laurifolia** (Grah.) Blatter (Annonaceae).

J. Bombay Nat. Hist. Soc. 34 : 294. 1931; Fasc. Fl. Ind. 10 : 7. 1982.

Type : Malabar : Concan, *Stocks & Law s. n.***S. listeri** King var. **andamanica** Chatterjee et Mukerjee (Annonaceae).

Proc. Linn. Soc. 154 : 268. 1941-42; Fasc. Fl. Ind. 10 : 9. 1982.

Type : R. E. P. Regd. No. 12585, Andaman Islands, March 28, 1900.

**Santapaua madurensis** Bal. & Subr. (Acanthaceae).

J. Indian bot. Soc. 42(3) : 411. 1963.

**Holotype** : India : Tamil Nadu : Madurai, Nallakulam, Alagar Hills, 200 m, Feb. 12, 1958, *K. Subramanyam* 5286A.**Isotypes** : Ibid., *K. Subramanyam* 5286D-F.**Sarcanthus williamsonii** Reichb. f. (Orchidaceae).

Hamb. Gartenzeit. 21 : 333. 1865 et in Gard. Chron. 1865 : 674;

Bull. Bot. Surv. India 9(1-4) : 93 1967 (1968).

Type : Moulmein, Tenasserim, *Parish s. n.***Sauropus varierii** Sivarajan & Indu Balachandran (Euphorbiaceae).

J. Econ. Tax. Bot. 5(4) : 917. 1984.

**Holotype** : India : Kerala : Malappuram Dist., Kottakkal Arya Vaidya Sala Herbal Garden, *Indu* AVS 1579. (Original locality of collection not known).**Saussurea sudhanshui** Hajra (Compositae).

Indian For. 109 (2) : 77. 1983.

**Holotype** : Uttar Pradesh : Nanda Devi National Park, on the open hill slopes near Dharasi, 4800 m, Aug. 31, 1981, *Hajra* 73466A.**Saxifraga poluniniana** H. Smith var. **mucronata** Bhattacharyya et Viswanathan (Saxifragaceae).

Bull. Bot. Surv. India 15 : 269. 1973 (1976).

**Holotype** : India : Uttar Pradesh : Kukinakhil, 3200 m, Eastern Chamoli, Garhwal, Western Himalaya, May 1967, *U. C. Bhattacharyya* 37230.

**Schefflera bhutanica** R. N. Ban. (Araliaceae).

Bull. Bot. Surv. India 8 : 100. 1966 (1967).

**Holotype** : Bhutan : 1220 m, Nov. 27, 1876, *A. B.* Acc. No. 192442.**Isotype** : Acc. No. 192430.**S. chandrasekharanii** K. Ramamurthy et R. Rajan (Araliaceae).

J. Bombay Nat. Hist. Soc. 79(1) : 163. 1982.

**Holotype** : India : Kerala : In dense evergreen forest, along, Munnarkumili Road, Idduki Dist., 2000 m, March 26, 1980, *Ramamurthy* 66388.**S. pushpangadanii** T. Chakrab. (Araliaceae).

J. Econ. Tax. Bot. 6(2) : 421. 1985.

**Holotype** : India : Great Nicobar Island, 38 km on East West Road, Feb. 13, 1980, *Dwivedi* 7886A.**Schima notatum** (Hack.) A. Camus (Gramineae).

Bull. Mus. Hist. Nat. Paris 27 : 373 (1921) ; Bor, Grass Ceyl. Ind. &amp; Pakis. 218 (1960); J. Econ. Tax. Bot. 12(1) : 77. 1988.

*Ischaemum notatum* Hack.

DC. Monogr. Phan. 6 : 246 (1889).

**Syntype** : India : Bunagiri, above Dharahat, 2000 m, *J. F. Duthie* 5057.**S. sulcatum** (Hack.) A. Camus (Gramineae).

Bull. Mus. d' Hist. Nat. 27 : 373. 1921; J. Econ. Tax. Bot. 12(1) : 78. 1988.

*Ischaemum sulcatum* Hack.

DC. Monogr. Phan. 248 (1889).

**Type** : India : Central Province, Narsingpur, 330 m, *O. Kuntze s. n.***Schizachyrium sudhanshui** Singh (Poaceae).

J. Indian. bot. Soc. 60 (3-4) : 359. 1981.

**Holotype** : India : Karnataka : Raichur-Hyderabad Road, 19th km, C 400 m, Raichur Dist., Nov. 15, 1975, *Singh* 141725A.**Scleroglossum sulcatum** (Kuhn) Ald. v. Ros. (Grammitaceae).

Bull. Jard. Buit. Ser. 2.7 : 39. 1912; Bull. Bot. Surv. India 26 : 112. 1984 (1985).

**Type** : Sri Lanka : Central Province: *Thwaites* 3807.**Sedum phariense** H. Ohba (Crassulaceae).

J. Jap. Bot. 48(11) : 328. 1973.

**Holotype** : Tibet : Phari, July 1879, *Dungbo* s. n., Acc. No. 159421.

**Selaginella ganguliana** R. D. Dixit (Selaginellaceae).

Bull. Bot. Surv. India 26 (1 & 2) : 104. 1984 (1985).

**Holotype** : India : Kerala : Trivandrum Aruvikara, 40 m, Dec. 29, 1973, *N. C. Nair* 51560, Plant numbered-1.

**Paratype** : Kerala : Kuttikanam, Oct. 22, 1968, *N. C. Nair* 40008.

**S. jainii** Dixit (Selaginellaceae).

Bull. Bot. Surv. India 25(1-4) : 225. 1983 (1985).

**Holotype** : India : Madhya Pradesh : Bilaspur, Siang, Feb. 22, 1972, *Panigrahi* 16838A (Plant No. 1).

**Isotype** : Ibid., the rest seven specimens of the sheet, *Panigrahi* 16838A.

**S. keralensis** Dixit (Selaginellaceae).

Bull. Bot. Surv. India 27 (1-4) : 123. 1985 (1987).

**Isotype** : India : Kerala : Kuttikanam, Oct. 22, 1968, *Nair* 40195.

**S. nairii** R. D. Dixit (Selaginellaceae).

Bull. Bot. Surv. India 26 (1 & 2) : 106. 1984 (1985).

**Holotype** : India : Orissa : Jeypore, 830 m, Sept. 17, 1970, *N. C. Nair* 40637, Plant numbered-II.

**Isotype** : *N. C. Nair* 40637A.

**Paratype** : Orissa : Devighat, 900 m, Sept. 22, 1970, *N. C. Nair* 40692.

**S. nayarii** Dixit (Selaginellaceae).

Bull. Bot. Surv. India 27(1-4) : 123. 1985 (1987).

**Isotype** : India : Kerala : Kuttikanam, Jan. 2, 1971, *Nair* 818.

**S. panigrahi** Dixit (Selaginellaceae).

Bull. Bot. Surv. India 25(1-4) : 226. 1983 (1985).

**Holotype** : India : Madhya Pradesh : Bastar-Kutumsar, Kanger Valley, Feb. 19, 1963, *Panigrahi* 1119, Acc. No. 20678 (Plant No. I).

**Isotypes** : Ibid., the rest five specimens of Sheet No. 20678.

**Senecio jowaiensis** Balakr. (Asteraceae).

Indian For. 101 (11) : 703. 1975.

**Holotype** : India : Meghalaya : Jowai, Jarain, in shaded moist situation, 1300-1500m, flowers in October, *Balakrishnan* 47400A.

**Isotype** : Ibid., *Balakrishnan* 47400B.

**S. pedunculatus** Edgew. var. **albus** Ghosh et Bhattacharyya (Compositae).

J. Econ. Tax. Bot. 10(2) : 311. 1987.

**Holotype** : India : Himachal Pradesh : Lahul, Upper Chenab, Rappe, 2600 m, Aug. 15, 1971, *U. C. Bhattacharyya* 45329A.

**Seshagiria sahyadrica** Ansari et Hemadri (Asclepiadaceae).

Indian For. 97(3) : 126. 1971.

**Holotype** : India : Maharashtra : On the slopes of Sinhadgh Hill, Haveli Taluka, Poona Dist., 1000 m, June 28, 1963, *Ansari* 87750A.**Isotype** : *Ansari* 87750D.**Sida mysorensis** Wight et Arn. (Malvaceae).

Prodr. Fl. Pen. Ind. Or. 59. 1834; Fasc. Fl. Ind. 19 : 209. 1988.

**Isotype** : India : Mysore, *Wight* 183.**S. rhombifolia** Linn. ssp. **rhombifolia** var. **scabrida** (Wight & Arn.) Mast. (Malvaceae).

Fl. Brit. Ind. 1 : 324. 1874; Fasc. Fl. Ind. 19 : 216. 1988.

*S. scabrida* Wight & Arn.

Prodr. Fl. Pen. Ind. Or. 57. 1834.

**Type** : Peninsular India, *Herb. Wight* 166.**S. tiagii** Bhandari (Malvaceae).

Ann. Arid Zone 16 : 455. 1977; Fasc. Fl. Ind. 19 : 220. 1988.

**Holotype** : India : Rajasthan : Common on open sandy ground, near Mungari, Barmer Dist., Aug. 28, 1962, *Bhandari* 1570.**Silentvalleya nairii** V. J. Nair, P. V. Sreekumar, Vajravelu and P. Bhargavan (Poaceae).

J. Bombay Nat. Hist. Soc. 79(3) : 654. 1982.

**Holotype** : India : Kerala : Palghat Dist., Silent Valley Dam site,  $\pm$  850 m, Oct. 5, 1979, *N. C. Nair* 64268.**Skimmia arunachalensis** Goel et Mehrotra (Rutaceae).

J. Bombay Nat. Hist. Soc. 86(2) : 226. 1989.

**Paratypes** : India : Arunachal Pradesh : Bomdila Camp, April 13, 1957, *G. Panigrahi* 6885A-D.**S. laurcola** (DC.) Sieb. et Zucc. ex Walpers var. **wattii** Narayanan et Nayar (Rutaceae).

J. Bombay Nat. Hist. Soc. 85(3) : 652. 1988.

**Holotype and Isotype** : India : Manipur : Sirohipurar, 2425m, April 1882, *Watt* 6459.**Smithia agharkarii** Hemadri (Fabaceae).

Indian For. 97(1) : 67. 1971.

**Holotype** : India : Maharashtra : On the open plateau of Dhak Khilla,  $\pm$ 1150 m, 27 km west of Junnar, Poona Dist., Sept. 29, 1965, *Hemadri* 107486A.

**Smythea velutina** (Ridl.) S. P. Ban. et P. K. Mukh. var. **velutina** (Ramnaceae).

Bull. Bot. Surv. India 10(3 & 4) : 251. 1968 (1969).

*Ventilago velutina* Ridl.

Fl. Mal. Penin. 1 : 467. 1922.

Type : Perak : *Scortechini s. n.*, Acc. No. 87930.

*Smythea macrocarpa* Hemsl. var. *pubescens* King

J. Asiat. Soc. Beng. 65 : 382. 1896, *pro parte*.

Lectotype : Perak : *Scortechini* 2110.

**S. velutina** (Ridl.) S. P. Ban. et P. K. Mukh. var. **kingiana** S. P. Ban. et P. K. Mukh. (Ramnaceae).

Bull. Bot. Surv. India 10(3 & 4) : 251. 1968 (1969).

Type : Larut : Perak, 244-305 m, 1885, *King's Collector* 7726.

**Sonchus jainii** M. Chandrabose, V. Chandrasekaran and N. C. Nair (Asteraceae).

J. Bombay Nat. Hist. Soc. 81(1) : 149. 1984.

Holotype : India : Tamil Nadu : in Koralar, Anamalai, Coimbatore Dist., Nov. 18, 1980, *Chandrabose* 69015.

**Sonerila kannanorensis** Giri et Nayar (Melastomataceae).

Bull. Bot. Surv. India 27 (1-4) : 86. 1985 (1987).

Holotype : India : Kerala : Cannanore Dist., Chandanathode  $\pm$  825 m, Dec. 18, 1979, *Ramchandran* 65288.

**S. devicolamensis** M. P. Nayar (Melastomataceae).

J. Bombay Nat. Hist. Soc. 71(3) : 632. 1974.

Holotype : India : Kerala : Devicolam, *A. Meebold* 13771.

**S. elegans** Wight var. **beddomei** Giri et Nayar (Melastomataceae).

Bull. Bot. Surv. India 27(1-4) : 72. 1985 (1987).

Holotype : India : Kerala : Palghat Hills, 1878, *Beddomei s. n.*

**S. gamblei** Giri et Nayar (Melastomataceae).

Blumea 31(1) : 235. 1985.

Holotype : India : Tamil Nadu : Nilgiri, *Gamble* 13454.

**S. kanniyakumariana** Gopalan et Henry (Melastomataceae).

J. Bombay Nat. Hist. Soc. 86(1) : 82. 1989.

Holotype : India : Tamil Nadu : Kanniyakumari Dist., Upper Kodayar, March 20, 1984, *R. Gopalan* 77180.

- Sonerila neglecta** Nayar (Melastomataceae).  
 Indian For. 95(1) : 28. 1969.  
**Holotype** : Burma : Tavoy : Heinize head waters, 666 m, Nov. 30, 1921, Acc. No. 173299.
- S. sahyadrica** Giri et Nayar (Melastomataceae).  
 Bull. Bot. Surv. India 26(3 & 4) : 175. 1984 (1986).  
**Holotype** : India : Kerala : Quilon Dist., Pamba to Analhode, 1050 m, Nov. 30, 1976, *Vivekananthan* 48344.
- S. talbotii** Giri et Nayar (Melastomataceae).  
 Journ. Jap. Bot. 61 (11) : 344. 1986.  
**Holotype** : Karnataka : N. Canara, Aug. 1983. *W. A. Talbot* 561.
- Spatholobus purpureus** Benth. ex Prain (Leguminosae).  
 J. Asiat. Soc. Beng. 66(1897): 414; *Reinwardtia* 10 (2) : 192. 1985.  
*Butea purpurea* (Benth. ex Prain) Blatter  
 J. Ind. Soc. 8 (1929) : 137.  
**Type** : *Talbot* 1630.
- Sphaerostephanos wynadensis** Nayar et Geevarghese (Thelypteridaceae).  
 Bull. Bot. Surv. India 28 : 137. 1986 (1988).  
**Type** : S. India : Wynad, Attappady, Feb. 13, 1980, 850 m, *K. K. Geevarghese* CU 29250.
- Sphyrantha airyshawii** T. Chakrab. & Vasud. (Euphorbiaceae).  
 J. Econ. Tax. Bot. 5(4) : 959. 1984.  
**Holotype** : India : Andaman-Nicobar Islands: North Andaman Island, Saddle peak, May 10, 1982, *Vasudeva Rao* 8951A.
- Spiraea arunachalensis** Panigr. et Purohit (Rosaceae).  
 Bull. Bot. Surv. India 26(1 & 2) : 83. 1984 (1985).  
**Holotype** : India : Arunachal Pradesh : Kameng Dist., Morsing, 1500m, May 16, 1958, *G. Panigrahi* 15720.
- S. darjeelingensis** Panigr. et Purohit (Rosaceae).  
 Bull. Bot. Surv. India 26(1 & 2) : 83. 1984 (1985).  
**Holotype** : India : W. Bengal : Darjeeling, 2135 m, April 3, 1877, fr., *J. S. Gamble* 4108C.
- S. nayarii** Purohit et Panigr. (Rosaceae).  
 Bull. Bot. Surv. India 26(1 & 2) : 78. 1984 (1985).  
**Holotype** : India : Sikkim : Tiatong above Tallum Samdong, 3660 m, Aug. 1885, Fl., *G. King's Collector, Gyalu s. n.*, Acc. No. 145139.

**Spiraea rhamniphylla** Panigr. et Purohit (Rosaceae).

Bull. Bot. Surv. India 26 (1 & 2) : 76. 1984 (1985).

**Holotype** : India : Uttar Pradesh : Kumaon, W. Boogur, 2135 m, May 1848, Fl., *R. Strachey & J. E. Winterbottom* 3, Acc. No. 145271.

**S. subdioica** Purohit et Panigr. (Rosaceae).

Bull. Bot. Surv. India 26 (1 & 2) : 86. 1984 (1985).

**Holotype** : India : Arunachal Pradesh : Kameng Dist., Bomdila, 2780 m, Sept. 14, 1964, fl., *J. Joseph* 39895.

**S. subrotundifolia** Panigr. et Purohit (Rosaceae).

Bull. Bot. Surv. India 26(1 & 2) : 88. 1984 (1985).

**Holotype** : India : Sikkim : Tiamphong, Jongri, Aug. 1887, fl., *King's Collector s. n.* (♂ + ♀ on the same sheet).

**Isotypes** : Acc. Nos. 145166 & 145168.

**S. tanguensis** Purohit et Panigr. (Rosaceae).

Bull. Bot. Surv. India 26 (1 & 2) : 80. 1984 (1985).

**Holotype** : India : Sikkim : Tangu, 3965 m, July 1, 1903, fl., *F. E. Younghusband s. n.*, Acc. No. 145145.

**Stellaria nepalensis** Majumdar et Vartak (Caryophyllaceae).

J. Indian bot. Soc. 50 : 215. 1971.

**Holotype** : W. Nepal : Pokhra alt. 970 m, May 25, 1968, *Vartak* 462.

**Sterculia khasiana** Debbarman (Sterculiaceae).

Fl. Assam 1(1) : 154. 1934; Red Data Book of Indian Pl. 1 : 354. 1987.

**Types** : India : Meghalaya : Khasi Hills, Oct. 1877, *C. B. Clarke* 21884 A-D.

**Stigmatodactylus serratus** (Deori) Nageswara Rao (Orchidaceae).

J. Econ. Tax. Bot. 9(2) : 255. 1987.

*Pantlingia serrata* Deori

Bull. Bot. Surv. India 20 (1-4) : 175-176 (1978) 1979.

**Holotype** : India : Meghalaya : Shillong peak, ca 2033 m, *Deori* 51262A.

**Stixis manipurensis** Deb et Rout (Capparaceae).

J. Bombay Nat. Hist. Soc. 86(1) : 86. 1986.

**Holotype** : India : Manipur, Tengnoupul, 1500 m, July 30, 1987, *Deb* 3549A.



**Stixis nayarii** Sundararaghavan (Capparaceae).

Bull. Bot. Surv. India 28 : 191. 1986 (1988).

**Holotype** : Burma : Borwa, Tenasserim Dist., *Meebold* 15406.**S. ovata** (Korth.) Hall. f. ssp. **fasciculata** (King) Jacobs (Capparaceae).

Jacobs, Fl. Mal. 1. 5 (1960) 97. f. 29(map : 2a); Blumea 12(1) : 8. 1963.

*Roydsia fasciculata* King

Ann. Bot. Gard. Calc. 5. 2 (1896) 121. t. 140A.

*S. fasciculata* (King) Gagn.

Fl. Gen. I-C. 1(1908) 201.

**Type** : *Gallatly* 499.**S. scandens** Lour. (Capparaceae).

Fl. Cochinch. (1790) 295 ; Blumea 12 (1) : 10. 1963.

*S. parviflora* (Griff.) Pierre.

Bull. Soc. Linn. Paris 1(1887) 655.

**Type** : *Griffith* (Burma and Malaya Peninsula) 175.**S. scandens** Lour. (Capparaceae).

Fl. Cochinch. (1796) 295 ; J. Econ. Tax. Bot. 13 (1) : 20. 1989.

*Roydsia parviflora* Griff.

Not. Pl. As. 4 : 578. 1854.

**Isotype** : *R. parviflora* : Burma, without locality, *Griffith s. n.***S. scortechinii** (King) Jacobs (Capparaceae).

Fl. Mal. 1.5 (1960) 99. f. 29. 3(map); Blumea 12(1) : 9. 1963.

*Roydsia scortechinii* King

J. Asiat. Soc. Beng. 58 ii(1889) 397.

**Type** : *King's Collector Kunstler* 8464.**Sunipia jainii** Hynniewta et Malhotra (Orchidaceae).

J. Indian bot. Soc. 57(1) : 31. 1978.

**Holotype** : India : Nagaland : Tseninyu, 1200-1500 m, Nov. 14, 1973.*T. M. Hynniewta* 56060A.**Swertia sikkimensis** Burkill (Gentianaceae).

J. Asiat. Soc. Beng. n. s. 2 : 322. 1906; J. Bombay Nat. Hist. Soc. 81(3) : 731. 1984.

**Syntypes** : India : Sikkim : Giagong, Sept. 1903, *Prain s. n.*; Himachal Pradesh: Kunawar, 1831, *N. Vicary s. n.*, Bhutan: Kungment, Aug. 3, 1884, *Dungboo* 295.

**Symplocos nairii** A. N. Henry, R. Gopalan & M. S. Swaminathan (Symplocaceae).

J. Bombay Nat. Hist. Soc. 81 (1) : 169. 1984.

**Holotype** : India : Tamil Nadu : At Muthukuzhivayal, Kanniyakumari Dist., 1400 m, Sept. 27, 1980, *Henry* 68830.

**S. pulchra** Wight subsp. **coriacea** Gopalan et Henry (Symplocaceae).

J. Econ. Tax. Bot. 12 (2) : 481. 1988.

**Holotype** : Tamil Nadu : Kanniyakumari Dist., 11 Forest, from Kodayar to Nalumukku, 1250 m, March 25, 1984, *Gopalan* 81443.

**Syzygium chandrasekharanii** Chandrab. et Chandras. (Myrtaceae).

J. Bombay Nat. Hist. Soc. 78(2) : 354. 1981.

**Holotype** : India : Tamil Nadu : Anamalai Hills, Coimbatore Dist., Feb. 15, 1980, *Chandrabose* 65811A.

**S. parameswaranii** Mohanan et A. N. Henry (Myrtaceae).

J. Bombay Nat. Hist. Soc. 84(2) : 408. 1987.

**Holotype** : India : Kerala : From the western slopes of Agastymalai, Trivandrum Dist., Alt.  $\pm$  1600 m, March 5, 1980, *M. Mohanan* 66051.

**Tacca integrifolia** Ker-Gawl. (Taccaceae).

Curtis, Bot. Magaz. t. 1488. 1812; Bull. Bot. Surv. India 15(3 & 4) : 189. 1973 (1976).

*T. choudhuriana* D. B. Deb.

Indian For. 90 : 241-243. 1964.

**Type** : *T. choudhuriana* : India : Arunachal Pradesh : Bandardia, Subansiri Frontier Division, Sept. 7, 1963, *A. K. Choudhuri* 36457A.

**Tadehagi triquetrum** (L). Ohashi subsp. **andamanicum** Balakr. et N. G. Nair (Fabaceae).

Bull. Bot. Surv. India 24 : 29. 1982 (1983).

**Holotype** : India : North Andaman : Saddle peak, 650-720 m, above m.s.l., scrub forests on open hill slopes, Dec. 2, 1976, *Balakrishnan & Nair* 4798A.

**Taeniophyllum andamanicum** Balakr. & Bhargava (Orchidaceae).

Bull. Bot. Surv. India 20 : 154. 1978 (1979).

**Holotype** : India : South Andaman : Baratang Island, Nilambur,  $\pm$ 25 m, on *Tectona grandis*, July 17, 1977, *Bhargava* 5932A.

**Tarenna agumbensis** Sundararaghavan (Rubiaceae).

Bull. Bot. Surv. India 10 : 341. 1968.

**Holotype** : India : Karnataka : Barakana, Agumbe, Shimoga Dist., May 19, 1960, *Sundararaghavan* 62732A.**Tectaria periya** Nayar et Geevarghese (Dryopteridaceae).

Bull. Bot. Surv. India 28 : 136. 1986 (1988).

**Type** : South India : Wynad, 850 m, Feb. 15, 1982, *B. K. Nayar & Periya*, K. 11691.**Teramnus hookerianus** Ajita Sen (Fabaceae).

J. Bombay Nat. Hist. Soc. 73(1) : 187. 1976.

**Holotype** : India : W. Bengal : Manbhum, Purulia Dist., 1866-67, *V. Ball s. n.*, Acc. No. 125331.**Paratypes** : India : Madras : *M. S. Rameswami* 1015, Acc. No. 125305; Bengal: Bankura, Bishnupur, Koch Birai Canal, *M. M. Sanyal* 532.**Tetracera akara** (Burm. f.) Merr. (Dilleniaceae).Philip. J. Sci. 19 : 366. 1921; Hoogl. in *Reinwardtia* 2 : 208. 1953.*T. sylvestris* Ridl.

J. Str. Br. R. A. S. 54 : 8. 1910.

**Isotype** : *T. sylvestris* : *Ridley* 6179.**T. arborescens** Jack (Dilleniaceae).Mal. Misc. 1(5) : 45. 1820; *Reinwardtia* 2 : 217. 1953.*T. laevigata* Miq.

Fl. Ind. bat. 1(2) : 8. 1859.

**Isotype** : *T. laevigata* : Sumatra : *Teysmann* 457 HB.**T. asiatica** (Lour.) Hoogl. (Dilleniaceae).Fl. Mal. Ser. 1. 4 : 143. 1951; Hoogl. in *Reinwardtia* 2 : 193. 1953.*Delima sarmentosa* var. *glabra* Hook. f. & Thoms.

Fl. Ind. 1 : 61. 1855.

**Isolectotype** : *D. sarmentosa* var. *glabra* : Bangladesh : Sylhet, Feb. 1829, *Wallich* 6632.**T. fagifolia** Bl. (Dilleniaceae).Bijdr. 1 : 4. 1825; Hoogl. in *Reinwardtia* 2 : 219. 1953.*T. sumatrana* Miq.

Fl. Ind. bat. Suppl. 1 : 618. 619. 1861.

*T. obliquinervia* Elm.

Leafl. Philip. Bot. 7: 2621. 1915.

**Isotype** : *T. sumatrana* : Sumatra : *Teysmann* 4454 HB.**Isotype** : *T. obliquinervia* : Mindanao, *Elmer* 13862.

**Tetracera korthalsii** Miq. (Dilleniaceae).

Ann. Mus. bot. Lugd. Bat. 4 : 75. 1868; Hoogl. in Reinwardtia 2 : 213. 1953.

*T. subrotunda* Elm.

Leaf. Philip. Bot. 5 : 1771. 1913.

**Isotype** : *T. subrotunda* : Elmer, Palawan, 13048.

**T. macrophylla** Wall. ex Hook. f. & Thoms. (Dilleniaceae).

Hoogl. in Reinwardtia 2 : 215. 1953.

*T. macrophylla* Wall. ex Hook. f. & Thoms.

Fl. Ind. 1 : 63. 1855.

*T. grandis* King

J. Asiat. Soc. Beng. 58(2) : 363. 1889.

**Isotype** : *T. macrophylla* : Wallich 6628.

**Holotype** : *T. grandis* : Perak : Scortechini s. n.

**T. maingayi** Hoogl. (Dilleniaceae).

Fl. Mal. Ser 1. 4 : 144. 1951; Hoogl. in Reinwardtia 2 : 199. 1953.

*Delima laevis* Maing.

J. Asiat. Soc. Beng. 58(2) : 362. 1889, *non T. laevis* vahl

**Holotype** : Malacca : April 10, 1867, *Maingay* 1570.

**Thelypteris multilineata** (Wall. ex Hook.) Morton var. **bhutanica** N. C. Nayar (Thelypteridaceae).

Bull. Bot. Surv. India 11 : 193. 1969 (1971).

**Holotype** : Bhutan : Nov. 1964, *Deb.* 179.

**Themeda sabarimalayana** Sreekumar et Nair (Poaceae).

Bull. Bot. Surv. India 29(1-4) : 127. 1987 (1989).

**Holotype** : India : Kerala: Pathanamthitta Dist., on way to Sabovimala, ± 450 m, Dec. 23, 1980, *P. V. Sreekumar* 69433.

**Thrixspermum muscaeflorum** A. S. Rao & Joseph (Orchidaceae).

Bull. Bot. Surv. India 11 : 204. 1969 (1971).

**Holotype** : India : Between umran and umsaw, beside the Gauhati Shillong high way, July 23, 1966, *Joseph* 45621A.

**Thuidium contortulum** (Mitt.) Jaeg. var. **mussooriense** Vohra (Thuidiaceae).

Bull. Bot. Surv. India 22 : 124. 1980 (1982).

**Holotype** : India : Uttar Pradesh : Mussoorie, 1830-2135 m, Aug. 1895, *Duthie* s. n.

**Thuidium squarrosulum** Ren. et Card. var. **scabrisetum** Vohra (Thuidiaceae).  
Bull. Bot. Surv. India 22 : 124. 1980 (1982).

**Holotype** : Bhutan : Lumichawa, 2500 m, Sept. 2, 1965, *Vohra* 2435.

**Paratype** : India : W. Bengal : Darjeeling, Lloyd's Botanic Garden, 2000 m, May 18, 1972, *Vohra* 3746.

**Thymus serpyllum** Linn. var. **album** Ghosh et Bhattacharyya (Labiatae).  
J. Econ. Tax. Bot. 10(2) : 310. 1987.

**Holotype** : India : Himachal Pradesh : Lahul, Chetru, 3500 m, July 20, 1972, *U. C. Bhattacharyya* 48766A.

**Tinomiscium nicobaricum** Balakr. (Menispermaceae).

Bull. Bot. Surv. India 24 : 56. 1982 (1983).

**Holotype** : India : Great Nicobar : 25 km on East-west Road, near Galathea river, inland hill forests, ca 75m above m.s.l., June 16, 1977, *Balakrishnan* 5787A.

**Tribulus rajasthanensis** Bhandari et Sharma (Zygophyllaceae).

Bot. Not. 129. 367. 1976; Bull. Bot. Surv. India 24 : 162. 1982 (1983).

**Type** : India : Rajasthan : Jodhpur Dist., Oct. 3, 1959, *Bhandari* 537.

**T. subramanyamii** P. Singh, Giri et V. Singh (Zygophyllaceae).

Bull. Bot. Surv. India 25(1-4) : 197-198. 1983 (1985).

**Holotype** : India : Tamil Nadu : Coimbatore, on the way to var-apalayam, 666 m, July 25, 1956, *K. Subramanyam* 390.

**Isotype** : Ibid.

**Trichocolea udarii** Singh (order-Jungermanniales).

Bull. Bot. Surv. India 25(1-4) : 177-180. 1983 (1985).

**Holotype** : India : Meghalaya : Jarain, Jaintea Hills, ca 1450 m, April 24, 1981, *D. K. Singh* 11012.

**Trichodesma decurrens** Banerjee (Boraginaceae).

Indian For. 92(1) : 56. 1966.

**Holotype** : Burma : Zeaing, Jan. 1905, *Shaik Mokim*, 1112A.

**Isotype** : *Shaik Mokim* 1112B.

**Trichosanthes bracteata** (Lamk.) Voigt var. **tomentosa** (Heyne ex Clarke) Chakravarty (Cucurbitaceae).

Rec. Bot. Surv. India 17 (1) : 47. 1959; Fasc. Fl. Ind. 11 : 110. 1982.

**Type** : Peninsula Indiae Orientalis, *Herb. Wight* 1134.

- Trichosanthes dicaelosperma** Clarke (Cucurbitaceae).  
Fl. Brit. Ind. 2 : 609. 1879; Fasc. Fl. Ind. 11 : 113. 1982.  
**Type** : India : Meghalaya : Khasia, *J. D. Hooker & Thomson s. n.*
- T. himalensis** Clarke var. **glabrior** Clarke (Cucurbitaceae).  
Fl. Brit. Ind. 2 : 608. 1879; Fasc. Fl. Ind. 11 : 115. 1982.  
**Type** : India : Meghalaya : Khasia, *J. D. Hooker & Thomson 9.*
- T. himalensis** Clarke var. **sikkimensis** (Kundu) Thoth. (Cucurbitaceae).  
Bull. Bot. Surv. India 2(1 & 2) : 169. 1960; Fasc. Fl. Ind. 11 : 116. 1982.  
**Type** : India : Sikkim : *Clarke 36925A.*
- T. listeri** Chakravarty (Cucurbitaceae).  
J. Bombay Nat. Hist. Soc. 50 : 895. 1952; Fasc. Fl. Ind. 11 : 117. 1982.  
**Type** : Bangladesh : Chittagong hill tracts, *J. L. Lister 349.*
- T. tomentosa** Chakravarty (Cucurbitaceae).  
J. Bombay Nat. Hist. Soc. 50 : 894. 1952; Fasc. Fl. Ind. 11 : 121. 1982.  
**Type** : India : Nagaland : Kohima to Nerhema, *Watt 11640.*
- Trigonostemon aurantiacus** (Kurz ex Teijsm. & Binnend.) Boerl. var.  
**rubriflorus** Balakr. & T. Chakrab. (Euphorbiaceae).  
J. Econ. Tax. Bot. 5(1) : 169. 1984.  
**Holotype** : India : Andaman-Nicobar Islands : Havelock Island, without locality,  $\pm 25$  m, May 15, 1974, *Ansari 1361A.*
- T. birmanicus** T. Chakrab. & Balakr. (Euphorbiaceae).  
J. Econ. Tax. Bot. 5(1) : 175. 1984.  
**Holotype** : Burma : Upper Chindwin Dist., Numpakom drainage, April 29, 1911, Collector uncertain (Chin?) 5849.
- T. nicobaricus** T. Chakrab. (Euphorbiaceae).  
J. Econ. Tax. Bot. 5(1) : 203. 1984.  
**Holotype** : India : Andaman-Nicobar Islands : Great Nicobar Island, 9 km on East West Road, May 6, 1981, *Dwivedi 8521A.*
- T. sunirmalii** T. Chakrab. et Balakar. (Euphorbiaceae).  
J. Econ. Tax. Bot. 5(1) : 179. 1984.  
**Holotype** : Burma : Tenasserim, Nimchaung,  $\pm 60$  m alt., March 31, 1930, *Biswas 22.*  
**Paratypes** : Lepokechung, Feb. 11, 1931, *Biswas 842*; Mergui, Cinchona Camp, March 21, 1924, *Calder s. n.*, Acc. No. 411835.

- Trigonostemon viridissimus** (Kurz) Airy Shaw var. **chatterjii** (Deb et Deka) Balakr. et T. Chakrab. (Euphorbiaceae).  
J. Econ. Tax. Bot. 5(4) : 967. 1984.  
**Holotype** : India : Meghalaya : Jaintea Hills Dist., Dawki, May 4, 1943, *Deka* 19A.
- T. viridissimus** (Kurz) Airy Shaw var. **confertifolius** Balakr. et N. G. Nair (Euphorbiaceae).  
Bull. Bot. Surv. India 24 : 36. 1982 (1983).  
**Holotype** : India : North Andaman : Saddle peak, 500-700 m, open scrub forests, Dec. 1. 1976, *Balakrishnan & Nair* 4773A.
- Trigonotis caespitosa** Ban. (Boraginaceae).  
Bull. Bot. Surv. India 8(3 & 4) : 322. 1966 (1967).  
**Holotype** : India : Sikkim : Goraphu chu, Llonakh, 4785 m, Aug. 6, 1909, *Smith & Cave* 2220, Acc. No. 308558.
- T. hookeri** Benth. ex Clarke (Boraginaceae).  
Fl. Brit. Ind. 4 : 173. 1883; Bull. Bot. Surv. India 8(3 & 4) : 327. 1966 (1967).  
**Isotype** : India : Mount Khasia, 1829 m, *J. D. Hooker & T. Thomson s. n.* Acc. No. 307884.
- T. microcarpa** (DC.) Benth. ex Clarke (Boraginaceae).  
Fl. Brit. Ind. 4 : 172. 1883; Bull. Bot. Surv. India 8(3 & 4) : 320. 1966 (1967).  
*Eritrichium microcarpum* DC.  
Prodr. 10 : 123. 1846.  
*T. peduncularis* var. *microcarpa* (DC.) Brand  
Engl. Pflanzenr. 97 : 198. 1931.  
**Isotype** : Nepal : *Wallich* 928.
- T. multicaulis** (DC.) Benth. ex Clarke var. **cavei** Ban. (Boraginaceae).  
Bull. Bot. Surv. India 8(3 & 4) : 321. 1966 (1967).  
**Holotype** : India : Sikkim : Eumtso La (Yumchhola), 4267 m, July 17, 1909, *Smith & Cave* 1607A.  
**Isotype** : *Ibid.*, *Smith & Cave* 1607B.
- T. ovalifolia** (Wall.) Benth. ex Clarke (Boraginaceae).  
Fl. Brit. Ind. 4 : 172. 1883; Bull. Bot. Surv. India 8(3 & 4) : 326. 1966 (1967).  
*Myosotis ovalifolia* Wall.  
Roxb. Fl. Ind. ed. Carey & Wall. 2 : 9. 1824.

*Eritrichium ovalifolium* (Wall.) A. DC.

DC. Prodr. 10 : 123. 1846.

**Isotype** : Nepal : Gossainthan, *Wallich* 927.

**Trigonotis rotundifolia** Benth. ex Clarke (Boraginaceae).

Fl. Brit. Ind. 4 : 172. 1883; Bull. Bot. Surv. India 8(3 & 4) : 324. 1966 (1967).

*Myosotis rotundifolia* Benth.

Royle III. Bot. Him. 395. 1836.

*Eritrichium rotundifolium* (Benth.) DC.

Prodr. 10 : 123. 1846.

**Isotype** : India : Kumaon, *Wallich* 930.

**T. smithii** Ban. (Boraginaceae).

Bull. Bot. Surv. India 8 : 325. 1966 (1967).

**Holotype** : India : Sikkim : Llonok, 4419 m, July 31, 1909, *Smith & Cave* 1811A, Acc. No. 308538.

**Isotypes** : *Smith & Cave* 1811 B-D, Acc. Nos. 308553, 308554, 308557.

**T. tibetica** (Clarke) Johnst. (Boraginaceae).

Contr. Gray Herb. Harv. 75 : 48. 1925; Bull. Bot. Surv. India 8(3 & 4) : 323. 1966 (1967).

**Isotype** : Tibet: *Hook. f. & Thoms.*, *Eritrichium* sp. n. 17.

**T. tibetica** var. *minor* (Clarke) Johnst. (Boraginaceae).

Contr. Gray Herb. Harv. 75 : 48. 1925; Bull. Bot. Surv. India 8(3 & 4) : 324. 1966 (1967).

**Isotype** : India : Sikkim : Alpine Sikkim, 4572 m, *Hook. f. & Thoms.*, *Eritrichium* sp. n. 15, Acc. No. 307585.

**Tripogon anantaswamianus** Sreekumar, V. J. Nair et N. C. Nair (Gramineae).

Bull. Bot. Surv. India 25 (1-4): 185-187. 1983 (1985).

**Holotype** : India : Kerala : Eravikulam Sanctuary, Idduki Dist., 2000 m, Nov. 15, 1980, *P. V. Sreekumar* 69432.

**Triumfetta tungarensis** Billore (Tiliaceae).

J. Econ. Tax. Bot. 3(2) : 621. 1982.

**Holotype** : India : Maharashtra : In the forest undergrowth of Mazivilli R. F., near Tungar Hill Mandvi range, Thana Dist., Nov. 23, 1968, *K. V. Billore* 115873A.



- Trivalvaria dubia** (Kurz) Sinclair (Annonaceae).  
 Gard. Bull. Singapore 24 : 47. 1955; Fasc. Fl. Ind. 10 : 11. 1982.  
**Type** : India : S. Andaman, *S. Kurz s. n.*
- T. kanjilalii** D. Das (Annonaceae).  
 Bull. Bot. Surv. India 10 : 263. 1968; Fasc. Fl. Ind. 10 : 11. 1982.  
**Type** : India : Meghalaya : Khasia Hills, wah-Maw-long, Oct. 20, 1917,  
*U. N. Kanjilal* 7280.
- Urginea indica** (Roxb.) Kunth (Liliaceae).  
 Enum. Pl. 4 : 333. 1843; J. Bombay Nat. Hist. Soc. 84(2) : 411. 1987.  
*Scilla indica* Roxb.  
 Fl. Ind. 2 : 148. 1832.  
*S. coromandelliana* Roxb.  
*U. govindappae* Boraiah et Fatima  
 Bull. Bot. Surv. India 12 : 128. 1970.  
**Type** : *U. govindappae* : *Boraiah et Fatima* 601.
- U. nagarjunae** Hemadri et Swahari (Liliaceae).  
 Ancient Sci. Life 2 : 105. 1982; J. Bombay Nat. Hist. Soc. 84(2) :  
 411. 1987.  
**Holotype** : *Hemadri* 3001A.  
**Paratype** : *Hemadri* 2925A.
- U. rajii** (Ansari) Deb et Dasgupta (Liliaceae).  
 J. Bombay Nat. Hist. Soc. 84(2) : 412. 1987.  
*Drimia rajii* Ansari  
 J. Bombay Nat. Hist. Soc. 78(3) : 572. 1981.  
**Holotype** : *D. rajii* : India : Maharashtra : Pune Dist., Dive Ghat,  
 March 15, 1970, *Ansari* 104878A.  
**Isotype** : *Ibid.*, *Ansari* 104878D.
- Utricularia khasiana** Joseph et Mani (Lentibulariaceae).  
 Bull. Bot. Surv. India 25(1-4) : 192-194. 1983 (1985).  
**Holotype** : India : Meghalaya : Shillong, Khasi Hills, 1496 m, Oct. 1,  
 1980, *Joseph* 76944A.
- U. malabarica** Janarthanan et Henry (Lentibulariaceae).  
 J. Bombay Nat. Hist. Soc. 86(1) : 84. 1989.  
**Holotype** : India : Kerala, Kasaragod, Mulleriya, Aug. 21, 1985, *M. K.*  
*Janarthanan* 82924.

**Utricularia nayarii** M. K. Janarthanan et A. N. Henry (Lentibulariaceae).

Bull. Bot. Surv. India 28 : 195. 1986 (1988).

**Holotype** : India : Kerala : Idduki Dist., Rajamallay near Munnar, Dec. 12, 1985, *M. K. Janarthanan* 82963.

**Paratype** : Ibid., Lockhart gap near Munnar, 1675 m, Oct. 12, 1963, *K. M. Sebastine* 17543.

**U. polygaloides** Edgeworth (Lentibulariaceae).

Proc. Linn. Soc. 1 : 351. 1847; Basak in Taxon 25 : 189. 1976.

**Neotype** : India : W. Bengal : Burdwan, Jan. 1837, *Mrs. Skepwith s. n.*, Acc. No. 330152.

**U. sampathii** Subr. et Yog. (Lentibulariaceae).

J. Indian bot. Soc. 60 : 123. 1981.

**Holotype** : India : Karnataka : Dhyana Ashram, by the side of small stream near Bannerghatta, 12°50'N & 77°45'E, about 10 kms from Bangalore, 900 m, Nov. 3, 1976, *Subramanyam* and *Yoganarasimhan* 123.

**U. tayloriana** Joseph et Mani (Lentibulariaceae).

Bull. Bot. Surv. India 24 : 108. 1982 (1983).

**Holotype** : India : Meghalaya : 20th km on the Shillong-Pynursla Road, ca 700 m, Khasi and Jaintia Hills, Aug. 26, 1980, *Joseph* 73568A.

**Uvaria andamanica** King (Annonaceae).

J. Asiat. Soc. Beng. 61 : 2 : 21. 1892 et Ann. Roy. Bot. Gard. Cal. 4 : 29. t. 25. 1893; Fasc. Fl. Ind. 10 : 13. 1982.

**Lectotype** : India : Andaman : Port Blair, April, 1884, *King's Collector* 207.

**U. eucinata** Bedd. ex Dunn (Annonaceae).

Kew Bull. 1914 : 182. 1914; Fasc. Fl. Ind. 10 : 15. 1982.

**Type** : Russelkonda Hills, *Beddome* 50.

**U. hamiltonii** Hook. f. & Thoms. (Annonaceae).

Fl. Ind. 1 : 96. 1855 et Hook. f., Fl. Brit. Ind. 1 : 48. 1872; Fasc. Fl. Ind. 10 : 15. 1982.

**Type** : Mongir Hills, *Hamilton ex Wallich* Num. List 6485E.

**U. hamiltonii** Hook. f. & Thoms. var. **kurzii** King (Annonaceae).

Ann. Roy. Bot. Gard. Cal. 4 : 17. 1893; Fasc. Fl. Ind. 10 : 16. 1982.

**Type** : South Andaman : July 9, 1884, *King's Collector* 338.

**Uvaria hookeri** King (Annonaceae).

Ann. Roy. Bot. Gard. Cal. 4 : 28. t. 22. 1893; Fasc. Fl. Ind. 10 : 16. 1982.

Type : South India : Wall. Num. List 6473C.

**U. lurida** Hook. f., & Thoms. var. **lurida** (Annonaceae).

Fl. Ind. 1 : 101. 1855; et Hook. f., Fl. Brit. Ind. 1 : 50. 1872; Fasc. Fl. Ind. 10 : 17. 1982.

Type : Northern slopes of Khasia Hills, 2000 ft., *Hook. f. Thomson s. n.*

**U. lurida** Hook. f. & Thoms. var. **sikkimensis** King (Annonaceae).

Ann. Roy. Bot. Gard. Cal. 4 : 29. t. 23. 1893; Fasc. Fl. Ind. 10 : 17. 1982.

Type : Sikkim, Mongpoo, Peak, 1981, *King s. n.*

**Vanda jainii** Chauhan (Orchidaceae).

J. Econ. Tax. Bot. 5(4) : 977. 1984.

Holotype : India : Meghalaya : West Khasi Hills, Sonapahar, March 25, 1981, *Chauhan 70887A.*

**Vernonia anaimudica** Shetty et Vivek. (Compositae).

Bull. Bot. Surv. India 12 : 266. 1970 (1972).

Holotype : India : Kerala : Kottayam Dist., Rajamallay, Devicolam, Feb. 2, 1970, *Shetty & Vivekananthan 31786A.*

**V. peninsularis** (Clarke) Clarke ex Hook. f. var. **kodayarensis** Henry et Gopalan (Compositae).

J. Econ. Tax. Bot. 11(1) : 233. 1987.

Holotype : India : Tamil Nadu : Kanniyakumari, Muthukuzhivayal, Feb. 18, 1983, *Henry 77074.*

**V. andamanica** Balakr. et N. G. Nair (Rubiaceae).

Bull. Bot. Surv. India 24 : 32. 1982 (1983).

Holotype : India : North Andaman : Saddle peak, 500-700 m, open scrub jungles, Dec. 1, 1976, *Balakrishnan & Nair 4768A.*

**Viola betonicifolia** J. Sm. ssp. **jaunsarensis** (W. Beck.) Hara (Violaceae).

J. Jap. Bot. 49(5) : 133. 1974; Fasc. Fl. Ind. 12 : 15. 1983.

Holotype : India : Konain, Jaunsar, *J. F. Duthie 12963.*

**V. canescens** Wall. (Violaceae).

Fl. Ind. 2 : 450. 1824; Fasc. Fl. Ind. 12 : 19. 1983.

Isotype : Nepal : Wall. Num. List No. 1442.

**Viola fedtschenkoana** W. Beck. var. **muzaffarabadensis** W. Beck. (Violaceae).  
Beih. Bot. Centralbl. Abt. 2. 40 : 59. 1923 ; Fasc. Fl. Ind. 12 : 22.  
1983.

**Holotype** : India : Jammu & Kashmir : Muzaffarabad, *Inayat* 21166.

**V. glaucescens** Oudem. (Violaceae).

Miq. Ann. Mus. Bot. Lugd. Bat. 3 : 74. 1867; Fasc. Fl. Ind. 12 : 22.  
1983.

**Isotype** : India : Sikkim : *J. D. Hooker s. n.*

**V. hossei** W. Beck. (Violaceae).

Beih. Bot. Centralbl. Abt. 2. 34 : 257. 1916; Fasc. Fl. Ind. 12 : 25.  
1983.

**Isotype** : China : Yunnan, *Henry* 11768.

**V. indica** W. Beck. f. **barbata** (W. Beck.) Banerjee et Pramanik (Violaceae).

Fasc. Fl. Ind. 12 : 26. 1983.

**Holotype** : India : Matiana, 2700 m, Simla Hill State, *J. H. Burkill*  
28658.

**V. jordani** Henry [Cat. Pl. var. 169. 1853] var. **falconeri** (Hook. f. & Thoms.)  
W. Beck. (Violaceae).

Beih. Bot. Centralbl. Abt. 2. 34 : 380. 1917; Fasc. Fl. Ind. 12 : 27.  
1983.

**Isotype** : India : Kashmir : *Falconer s. n.* EIC 193.

**V. kunawarensis** Royle (Violaceae).

111. Himal. Bot. 74. t. 18. f. 3. 1839; Fasc. Fl. Ind. 12 : 27. 1983.

**Isotype** : N. W. India, *Hb. Royle s. n.*

**V. rupestris** F. W. Schmidt. var. **himalayensis** (W. Beck.) Banerjee et  
Pramanik (Violaceae).

Fasc. Fl. Ind. 12 : 33. 1983.

**Holotype** : India : Kashmir : *Falconer s. n.* sub. EIC 191.

**V. sikkimensis** W. Beck. (Violaceae).

Beih. Bot. Centralbl. Abt. 2. 34 : 260. 1916; Fasc. Fl. Ind. 12 : 34.  
1983.

**Type** : Sonada, 2500 m, *J. S. Gamble* 10318.

**V. thomsonii** Oudem. (Violaceae).

Miq. Ann. Mus. Bot. Lugd. Bat. 3 : 74. 1867; Fasc. Fl. Ind. 12 : 35.  
1983.

**Isotype** : India : Sikkim, *J. D. Hooker s. n.*

**Viola yunnanensis** W. Beck. et Bioss. (Violaceae).

Bull. Herb. Boiss. 8 : 740. 1908; Fasc. Fl. Ind. 12 : 37. 1983.

Isotype : China : Yunnan, *A. Henry* 10685.

**Vittaria arunachalensis** R. D. Dixit (Vittariaceae).

J. Econ. Tax. Bot. 3(3) : 959. 1982.

Holotype : India : Arunachal Pradesh : Kameng Dist., Dirang, April 7, 1973, *R. S. Rao* 53927.

**V. elongata** Sw. var. **angustifolia** Holttum [Rev. Fl. Malaya 2 : 614. 1955. descr. angl. nom. illeg.] ex Balakr. (Vittariaceae).

Bull. Bot. Surv. India 22 : 137. 1980 (1982).

Holotype : N. Nicobars; Car Nicobar Isl., *N. G. Nair* 2896A.

**Wallichia mooreana** S. K. Basu (Palmae).

Taiwania 28 : 146. 1983.

Holotype : S. China : Yunnan : Ponesee, March 17, 1868, *D. J. Anderson s. n.*, Acc. No. 492466.

Paratypes : S. China : Yunnan : Szemao Mts., 1899, *A. Henry* 12331, Acc. Nos. 492505, 492507.

**Wendlandia scabra** Kurz var. **tenasserimensis** Nayar et Malick (Rubiaceae).

J. Bombay Nat. Hist. Soc. 75(1) : 156. 1978.

Holotype : Burma : Young Zalum River, Tenasserim, March 27, 1877, Gallatly 496A.

Isotypes : Gallatly 496B-E.

**Zanonia indica** L. var. **pubescens** Cogn. (Cucurbitaceae).

DC. Monogr. Phan. 3 : 927. 1881; Fasc. Fl. Ind. 11 : 126. 1982.

Type : India : Khasia Hills, *Griffith* 2521.

**Zanthoxylum burkillianum** Babu (Rutaceae).

Bull. Bot. Surv. India 16 : 55. 1974 (1977).

Holotype : India : Meghalaya : Abor Hills, Rotung on hill side over Dihang, 396 m, *Burkill* 37598A.

Isotype : Ibid., *Burkill* 37598B.

**Z. pseudoxyphyllum** Babu (Rutaceae).

Bull. Bot. Surv. India 16 : 66. 1974 (1977).

Holotype : India : Manipur : Sirohifurai, 2420 m, *Watt* 6452A ♂.

Isotype : Ibid., *Watt* 6452 B ♂.

**Zanthoxylum tomentellum** Hook. f. (Rutaceae).

Fl. Brit. Ind. 1 : 493. 1875 emend. Babu ; Bull. Bot. Surv. India 16 : 68. 1974 (1977).

*Fagara tomentella* (Hook. f.) Hand.-Mazz.  
syn. sin. 7 : 624. 1933.

**Lectotype** : *Griffith* 743 ♀

**Zenkeria jainii** N. C. Nair, P. V. Sreekumar and V. J. Nair (Poaceae).

J. Bombay Nat. Hist. Soc. 78(2) : 352. 1981.

**Holotype** : India : Kerala : Eravikulam Sanctuary,  $\pm$  2000 m, Idduki Dist., Aug. 20, 1980, *P. V. Sreekumar* 68419.

**Z. sebastinei** Henry & Chandr. (Poaceae).

Bull. Bot. Surv. India 15 : 142. 1973 (1976).

**Holotype** : India : Tamil Nadu : Agastyamalai, Tirunelveli Dist., Aug. 26, 1963, *Henry* 17325A.