

**FLORA OF INDIA
SERIES 4**

**FLORAE INDICAE ENUMERATIO
MONOCOTYLEDONAE**

S. KARTHIKEYAN, S.K. JAIN, M.P. NAYAR & M. SANJAPPA

BOTANICAL SURVEY OF INDIA

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FOREWORD

The Flora of Indian region comprises about 17,000 species of flowering plants distributed in about 2250 genera under 400 families. This represents about 6 percent of the World's known flowering plants. The largest family is represented by Poaceae with about 1225 species. It is considered that about 969 taxa have been identified as threatened on a World scale and about 530 taxa as vulnerable. The important floristic affinities are with South-East Asia and Malaya. It is considered that species endemism in India is to the order of 33 percent and there are no endemic families.

The Botanical Survey of India is engaged in the preparation of National Flora, State Floras and District Floras. It is necessary to assemble published literature on species and their synonyms with their citation and distribution. This primary information is required by all taxonomists engaged in the monographing of the National Flora and State Floras.

Since the publication of the Flora of British India by J.D. Hooker during the later half of the 19th century, so far as monocots are concerned a total of 175 genera, 1376 species, 24 subspecies, 246 varieties, 2 subvarieties and 10 forma have been added either as new to Science or as new records for India. About 1407 names of species which were given as correct in Hooker's Flora of British India have been synonymised due to changing generic concepts and also due to monographic studies on the taxonomy of the families. In this volume on monocotyledons about 674 genera, 4081 species, 46 subspecies, 428 varieties, 4 subvarieties and 19 forma are being listed. The total number of families considered in this volume is forty two.

It is hoped that this valuable source book would be useful to all botanists working on the monocotyledonous families for the Flora of India. A new project entitled National Data Base has been entrusted to Dr. S. Karthikeyan as per the Action Plan of the Botanical Survey of India from 1988 onwards. Under the project the Data Base of the dicotyledonous species are being listed and it will be published shortly.

**BOTANICAL SURVEY OF INDIA
CALCUTTA**

**M.P. NAYAR
DIRECTOR**

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- Dr. N.C. Majumdar, Scientist 'SD', Botanical Survey of India, Howrah 711 103 has provided the Latin diagnoses for the new taxa.
- Miss. Shakuntala K. Mudaliar, Botanist, Dr. (Miss) Sandhya D. Deshpande and Dr. P. Lakshminarasimhan (both erstwhile Senior Research Fellows) of Botanical Survey of India, Western Circle, Pune 411 001, whole heartedly and enthusiastically helped in proof reading.
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INTRODUCTION

The floristic account of British India was furnished by J.D. Hooker and his co-workers (1872-1897). In the ensuing period of about nine odd decades the research in floristics was quite active. With the re-organisation of the Botanical Survey of India in 1951, the scientists of this organisation undertook the floristic exploration of the un-explored and under-explored regions of the country. Consequently, a large number of genera and species, as well as, new records of plants from the present Indian political boundary have been published from time to time (Calder, et al. 1926, Razi, 1959, Nayar & Ramamurthy, 1973, Nayar & Karthikeyan, 1981, 1984).

In addition, revisions and monographs have been published by several workers from taxonomical institutions from various parts of the world notably from Kew, England, United States of America and the Netherlands which have thrown much light on the taxonomy and nomenclature of Indian flowering plants too, thus improving our knowledge about them.

For any work on systematic botany, be it a floristic account of a district, or a state or even at National level, such as revisions of flowering plant families as envisaged by the Botanical Survey of India, a complete and up-to-date list of flowering plants that occur in the Indian region with their correct names becomes absolutely essential. The indispensability of such a work cannot be over-emphasised. A large number of names of plants as found in J.D. Hooker's *Flora of British India* or in the regional/provincial floras that followed in its wake stand changed with the application of the current code of Botanical Nomenclature. As a result, on one hand, what was thought by Hooker as a species complex or a variable species has been split into more species and on the other, more than one species considered distinct by him have been lumped together.

It is apparent that all these vital information is much scattered and it was time they were all brought together. So, the present work has been initiated. Hooker's *Flora of British India* has formed the base material. Almost all the local and regional floras, revisions, monographs and other critical studies have been consulted to update the information on the taxonomy, nomenclature and distribution of Indian flowering plants.

In Hooker's *Flora* the monocotyledons, so far as it relates to the present Indian political boundary, comprised 424 genera, 2521 species, 14 subspecies and 378 varieties. The present work contains a total of 674 genera, 4081 species, 46 subspecies, 428 varieties, 4 sub varieties and 19 forma. Another interesting feature is, about 1407 names which were treated as correct names of species and varieties in *Flora of British India* have become synonyms either because they were later homonyms or they have been raised or reduced in status or split or lumped with other species.

It has been found that 175 genera, 1376 species, 24 sub species, 246 varieties, 2 sub varieties and 10 forma have been added to those recorded by Hooker.

It has been found necessary to propose 86 new combinations, 2 new names and 1 new status in the course of this work to stabilise the nomenclature of the concerned taxa. A total of 4010 synonyms appear in the work.

Dr. R.B. Majumdar, Retired Scientist 'SD', Central National Herbarium, Howrah 711 103,

has prepared the enumeration of *Bambusoideae*. He has described 1 new genus and 7 new species in addition to proposing a few new combinations.

The families, genera, species and other infra specific taxa have been arranged in alphabetic order. The generic name and author citation have been adopted from *Index Nominum Genericorum* by Farr, et al. (1979). The correct name for the species has been provided with full citation and basionyms, if any. The synonyms have been restricted to only those names found in the regional floras, revisions and monographs. All other synonyms of Indian plants found in other classical works which preceded Hooker's work have been deliberately kept out as it is beyond the purview of this work. The names have been connected to Hooker's *Flora of British India* the exceptions being those species which have been recorded from India after the publication of his work and have not been described in that work from any region of former Indian empire.

The distribution data have been usually given in a broad sense.

We would like to mention that the enumeration of the flowering plants of India is nearing completion; the list of monocotyledons is presented here; that of the dicotyledonous species will be issued in due course.

It is needless to state that any work of this magnitude on a region as large as India with its diverse floristic wealth can never be complete. However, this enumeration has been prepared keeping in mind Stewart's (1972) opinion that, it is better to have an incorrect list rather than no list at all, which is our present predicament. We would feel successful if this list would enthuse all the prospective users, who will find the lacunae either in nomenclature or distribution data and will help us in filling up the gaps, so that subsequently the publication will be more informative.

Those who may possess any information which will improve the value of this work may kindly pass it on to S. Karthikeyan, Botanical Survey of India, Western Circle, Pune 411 001, for incorporation. Such suggestions will be suitably acknowledged.

We conclude with the dictum that he who makes no mistakes makes nothing.

AGAVACEAE

AGAVE L., Sp. Pl. 323.1753.

Agave americana L., Sp. Pl. 323. 1753; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1505. 1928 (3: 1052. 1967, Repr. ed.).

var. *americana*.

Naturalised in Peninsular Indian Plains.

var. *variegata* Hook. in Curtis Bot. Mag. t. 3654. 1839; Cooke, Fl. Pres. Bombay 2: 754. 1908 (3:261. 1967, Repr. ed.).

Naturalised in parts of W. India.

Agave angustifolia Haw., Syn. Pl. Succ. 72. 1812; Sant., Fl. Purandhar 131. 1958.

Agave wightii Drum. & Prain in Agric. Ledg. 13: 91. 1906; Cooke, Fl. Pres. Bombay 2: 753. 1908 (3:261. 1967, Repr. ed.).

var. *angustifolia*.

Naturalised in Peninsular India.

var. *marginata* Trel. Wiesner Festschrift 343, t. 8. 1908; Oza in Ind. J. For. 2: 369. 1979. Gujarat, probably naturalised.

Agave cantala Roxb., Fl. Ind. 2: 167. 1832; Prain, Bengal Pl. 2: 1057. 1903 (795. 1963. Repr. ed.).

Agave americana sensu Hook. f., Fl. Brit. India 6: 277. 1892 non L. 1753.

Naturalised in many parts of India.

Agave cookii Woodrow in J. Bombay nat. Hist. Soc. 12: 522. 1899; Cooke, Fl. Pres. Bombay 2: 754. 1908 (3: 261. 1967, Repr. ed.). W. India.

Agave decipiens Baker in Kew Bull. 1893: 184. 1893; Duthie, Fl. Upp. Gang. Pl. 3: 245. 1920 (2: 317. 1960, Repr. ed.).

Naturalised in N. India.

Agave ingens Berger, Hort. Mort. 12, 360. 1912; Sant. in Rec. Bot. Surv. India 16(1): 318.1953 (280. 1967, Rev. ed.).

Naturalised in W. India.

Agave mexicana Drum. & Prain in Agric. Ledg. 13: 88. 1906; Maheshwari, Fl. Delhi 334. 1963.

C. to N. India.

Agave sisalana Perrine in U.S. Senate Document 300: 36. 1838; Cooke, Fl. Pres. Bombay 2: 253. 1908 (3: 261. 1967, Repr. ed.).

Naturalised in N.E. India, Andaman & Nicobar Islands; cultivated in gardens in many parts of India; Nepal.

Agave vera-cruz Mill., Gard. Diet. ed. 8: 7.1754; Cooke, Fl. Pres. Bombay 2: 754. 1908 (3: 261. 1967, Repr. ed.).

Naturalised in many parts of India.

DRACAENA Vandelli ex L., Syst. Nat. ed. 12, 2: 246; Mant. 9, 63. Oct. 1767.

Dracaena angustifolia Roxb., Fl. Ind. 2: 155. 1832; Hook. f., Fl. Brit. India 6: 327. 1892.

Andaman & Nicobar Islands, N.E. India, E. Himalaya.

Dracaena brachyphylla Kurz, For. Fl. Brit. Burma 2: 544. 1877; Hook. f., Fl. Brit. India 6: 328. 1892.

Andaman & Nicobar Islands.

Dracaena elliptica Thunb., Diss. Bot. Dracoen. 6. 1808; Hook. f., Fl. Brit. India 6: 330. 1892.

Andaman & Nicobar Islands, N.E. India.

Dracaena helferiana Wall. ex Kurz in J. Asiat. Soc. Beng. 62: 248. 1873; Hook. f., Fl. Brit. India 6: 330. 1892.

Andaman & Nicobar Islands.

Dracaena nutans Ridl. in Trans. Linn. Soc. 2, 3: 406. 1893; M.K.V. Rao in J. Econ. Tax. Bot. 8:152.1986.

Andaman & Nicobar Islands.

Dracaena pachyphylla Kurz, For. Fl. Brit. Burma 2: 546. 1877; Hook. f., Fl. Brit. India 6: 329. 1892.

Andaman & Nicobar Islands.

Dracaena petiolata Hook. f., Fl. Brit. India 6: 331. 1892.

N.E. India.

Dracaena spicata Roxb., Fl. Ind. 2:157. 1832; Hook. f., Fl. Brit. India 6: 328. 1892.

Andaman & Nicobar Islands, N.E. India.

Dracaena terniflora Roxb., Fl. Ind. 2: 159. 1832; Hook. f., Fl. Brit. India 6: 328. 1892.

Dracaena terminalis Wight, Ic. t. 2054. 1853.

var. *terniflora*.

Peninsular & N.E. India.

var. *heyneana* Hook. f., Fl. Brit. India 6: 329. 1892.

Peninsular India.

ALISMATACEAE

ALISMA L., Sp. Pl. 342. 1753.

Alisma gramineum Lej. Fl. Spain 1: 175. 1811; Kak in J. Bombay nat. Hist. Soc. 81: 507. 1984.

N.W. Himalaya.

Alisma lanceolatum With., Arrang. Brit. Pl. ed. 3. 2: 362. 1796; Kak in J. Bombay nat. Hist. Soc. 81: 506. 1984.

N.W. Himalaya.

Alisma plantago-aquatica L., Sp. Pl. 342. 1753.

Alisma plantago L., Sp. Pl. 342. 1753; Hook. f., Fl. Brit. India 6: 559. 1893.

ssp. *plantago-aquatica*.

Himalaya, N.E. India.

ssp. *orientale* (Samuel.) Samuel. in Ark. For. Bot. 24: 11, 16. 1932; Hara et al., Enum. Fl. Pl. Nepal 1: 93. 1978.

Alisma plantago-aquatica var. *orientale* Samuel. in Acta Hort. Goth. 2: 84. 1926.

Himalaya, N.E. India.

CALDESIA Parl., Fl. Ital. 3: 598. 1858.

Caldesia grandis Samuel. in Svensk. Bot. Tidskr. 24: 116, f. 1. 1930.

Alisma reniforme sensu Hook. f., Fl. Brit. India 6: 560. 1893 p.p. non D. Don, 1825. E. & N.E. India.

Caldesia oligococca (F.v. Muell.) Buch. in Engl. Bot. Jahrb. 2: 459. 1882; A.S. Rao & Verma in Bull. Bot. Surv. India 18: 37. (1976) 1979.

Alisma oligococcum F.v. Muell. Fragm. Phyt. Austral. 1: 23. 1858; Hook. f., Fl. Brit. India 6: 560. 1893.

var. *oligococca*.

N.W. to E. & N.E. India.

var. *echinata* Hartog in Steenis, Fl. Males. 1, 5: 322. 1957.

India (locality unknown).

Caldesia parnassifolia (Bassi ex L.) Parl., Fl. Ital. 3: 599. 1858.

Alisma parnassifolium Bassi ex L., Syst. Nat. ed. 12. 3 (Append.): 230. 1768.

Alisma reniforme sensu Hook. f., Fl. Brit. India 6: 560. 1893, p.p. non D. Don, 1825.

Throughout India.

Caldesia reniformis (D. Don) Makino in Bot. Mag. Tokyo 20: 34. 1906.

Alisma reniforme D. Don, Prodr. Fl. Nepal. 22. 1825; Hook. f., Fl. Brit. India 6: 560. 1893, p.p. India.

DAMASONIUM Mill., Gard. Dict. ed. 4. 1754.

Damasonium flava (L.) Mill., Gard. Dict. ed. 8. 1768.

Alisma flava L., Sp. Pl. 343. 1753.

Limncharis flava (L.) Buchen. in Bremen, Abh. 2: 2. 1868; Kammathy & Subr. in J. Bombay nat. Hist. Soc. 64: 389. 1967; Bahadur & Raiz. in Indian Forester 94: 641. 1968. S. India.

LIMNOPHYTON Miq., Fl. Ind. Bat. 3: 242. 1856.

Limnophyton obtusifolium (L.) Miq., Fl. Ind. Bat. 3: 242. 1856; Hook. f., Fl. Brit. India 6: 560. 1893.

Sagittaria obtusifolia L., Sp. Pl. 993. 1753.

Peninsular to N. & E. India.

SAGITTARIA L., Sp. Pl. 993. 1753.

Sagittaria greggi J.G. Smith in Rep. Mo. Bot. Gard. 6: 17, t. 12. 1894; Kak in J. Bombay nat. Hist. Soc. 81: 508. 1984. N.W. Himalaya.

Sagittaria guayanensis H.B.K. ssp. *lappula* (D. Don) Bogin in Mem. N.Y. Bot. Gard. 9: 192, f. 5. 1955; Hartog in Steenis, Fl. Males. 1, 5: 328. 1957.

Sagittaria lappula D. Don, Prodr. Fl. Nepal. 22. 1825.

Sagittaria guayanensis non H.B.K. 1850; Hook. f., Fl. Brit. India 6: 561. 1893.

Throughout India.

Sagittaria latifolia Willd., Sp. Pl. 4: 409. 1806; Kak in J. Bombay nat. Hist. Soc. 81: 507. 1984.

N.W. Himalaya.

Sagittaria trifolia L., Sp. Pl. 993. 1753.

Sagittaria sagittifolia L., Sp. Pl. 993. 1753; Hook.f., Fl. Brit. India 6: 561. 1893.

Sagittaria sagittifolia L. var. *leucopetala* Miq., Illus. Fl. Arch. Ind. 2: 49. 1870.

Sagittaria sinensis Sims in Bot. Mag. 39: t.1631.1814.

Sagittaria sagittifolia ssp. *leucopetala* (Miq.) Hartog in Steenis, Fl. Males. 1,5: 332. 1957. Throughout India.

WIESNERIA Mich. in DC., Monogr. Phan. 3: 82.1881.

Wiesneria triandra (Dalz.) Mich. in DC., Monogr. Phan. 3: 82. 1881; Hook.f., Fl. Brit. India 6: 562. 1893.

Sagittaria triandra Dalz. in Hook., J. Bot. 2: 144. 1850.

Peninsular India.

AMARYLLIDACEAE

CRINUM L., Sp. Pl. 291. 1753.

Crinum amoenum Roxb. ex Ker-Gawl. in J. Sci. Arts London 3: 106. 1817; Hook. f., Fl. Brit. India 6: 282.1892. Himalaya, N.E. India.

Crinum asiaticum L., Sp. Pl. 292. 1753; Hook. f., Fl. Brit. India 6: 280. 1892.

var. *asiaticum*. Throughout India.

var. *procera* (Carey ex Herb.) Baker, Handb. Amaryllid. 75. 1888; Hook. f., l.c. 281.

Crinum procera Carey ex Herb. in Bot. Mag. t. 2684. 1826. Locality ?

Crinum brachynema Herb. in Bot. Mag. Misc. 36. 1842; Hook. f., Fl. Brit. India 6: 284. 1892. W. India.

Crinum defixum Ker-Gawl. in J. Sci. Arts London 3: 105. 1817; Hook. f., Fl. Brit. India 6: 281. 1892.

var. *defixum*. Throughout India.

var. *ensifolium* (Roxb.) Baker, Handb. Amaryllid. 76. 1888; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1504. 1928 (3: 1051. 1967, Repr. ed.).

Crinum ensifolium Roxb., Fl. Ind. 2: 129. 1832; Hook. f., l.c.

Crinum asiaticum sensu Roxb., Fl. Ind. 2: 127. 1832 non L. 1753. Peninsular India.

Crinum eleonorae Blatt. & McC. in J. Bombay nat. Hist. Soc. 32: 733. 1928.

f. *eleonorae*. W. India.

f. *purpurea* Blatt. & McC. in J. Bombay nat. Hist. Soc. 32: 734. 1928. W. India.

Crinum humile Herb. in Bot. Mag. t. 2636. 1826; Hook. f., Fl. Brit. India 6: 282. 1892. / Throughout India.

Crinum latifolium L., Sp. Pl. 291. 1753; Hook. f., Fl. Brit. India 6: 283. 1892.

var. *latifolium*. Throughout India.

var. *zeylanica* (L.) Herb., Amaryllid. 262. 1837; Cooke, Fl. Pres. Bombay 2: 751. 1908 (3: 258. 1967, Repr. ed.).

Crinum zeylanicum L., Syst. Nat. ed. 12. 2: 236. 1767. W. India.

Crinum pratense Herb., Amaryllid. 256. 1837; Hook. f., Fl. Brit. India 6: 282. 1892. Throughout the plains of India.

Crinum pusillum Herb., Amaryllid. 255, t. 32, f. 3. 1837; Hook. f., Fl. Brit. India 6: 282. 1892. Andaman & Nicobar Islands.

Crinum stracheyi Baker in Gard. Chron. 2: 72. 1881; Hook. f., Fl. Brit. India 6: 282. 1892. Naturalised in N. India.

Crinum wattii Baker, Handb. Amaryllid. 76. 1888; Hook. f., Fl. Brit. India 6: 281. 1892. N.E. India.

Crinum woodrowii Baker in Bot. Mag. t. 7597. 1898; Cooke, Fl. Pres. Bombay 2: 750. 1908 (3: 257. 1967, Repr. ed.).
W. India.

FURCRAEA Vent. in Bull. Sci. Soc. Philom. Paris 1: 65. 1793.

Furcraea foetida (L.) Haw., Syn. Pl. Succ. 73. 1812.

Agave foetida L., Sp. Pl. 323. 1753.

Furcraea gigantea Vent. in Bull. Sci. Soc. Philom. Paris 1: 65. 1793; Prain, Bengal Pl. 2: 1058. 1903.
N. to E. India.

HYMENOCALLIS Salisb. in Trans. Hort. Soc. London 1: 338. 1812.

Hymenocallis littoralis (Jacq.) Salisb. in Trans. Hort. Soc. London 1: 338. 1812.

Pancratium littorale Jacq., Hort. Vind. 3: 41, t. 750. 1776.
S. India.

PANCRATIUM L., Sp. Pl. 290. 1753.

Pancratium biflorum Roxb., Fl. Ind. 2: 125. 1832; Hook. f., Fl. Brit. India 6: 285. 1892.
Throughout India.

Pancratium longiflorum Roxb., Fl. Ind. 2: 125. 1832; Hook. f., Fl. Brit. India 6: 286. 1892.
Peninsular to C. & E. India.

Pancratium parvum Dalz. in Hook., J. Bot. 2: 144. 1850; Hook. f., Fl. Brit. India 6: 286. 1892.
W. India.

Pancratium sanctae-mariae Blatt. & Hallb. in J. Indian bot. Soc. 2: 52. 1922.
W. India.

Pancratium triflorum Roxb., Fl. Ind. 2: 126. 1832; Hook. f., Fl. Brit. India 6: 285. 1892.

Pancratium verecundum sensu Wight, Ic. t. 2023. 1853 non Ait., 1789.
Peninsular to E. India.

Pancratium verecundum Ait., Hort. Kew. 1: 412. 1789; Hook. f., Fl. Brit. India 6: 285. 1892.

Pancratium triflorum sensu Hook. f., Ic. p.p. non Roxb., 1832.
Foot of the Himalaya from Punjab to E. Himalaya.

Pancratium zeylanicum L., Sp. Pl. 290. 1753; Hook. f., Fl. Brit. India 6: 285. 1892.
Throughout India.

ZEPHYRANTHES Herb., Append. 36. 1821.

Zephyranthes carinata Herb. in Bot. Mag. 52: t. 2594. 1825; Mitra, Fl. Pl. E. India 1: 47. 1958.
E. to C. Himalaya, N.E. India.

Zephyranthes rosea Lindl. in Bot. Reg. 10: t. 821. 1824; Duthie, Fl. Upp. Gaug. Pl. 3: 249. 1920 (2: 321. 1960, Repr. ed.).
Naturalised in several parts of India.

Zephyranthes tubispatha Herb., Append. 36. 1821; Prain, Bengal Pl. 2: 1060. 1903 (2: 797. 1963, Repr. ed.).
Naturalised in several parts of India.

APONOGETONACEAE

APONOGETON L.f., Suppl. 32, 214. 1781
(nom. cons.).

Aponogeton appendiculatus Bruggen in Blumea 16: 265. 1968.
S. & E. India.

Aponogeton crispus Thunb., Nov. Gen. 4: 73. 1784; Hook. f., Fl. Brit. India 6: 564. 1893 p.p.
Throughout India.

Aponogeton echinatus Roxb., Fl. Ind. 2: 210. 1832 (*echinatum*); Hook. f., Fl. Brit. India 6: 564. 1893.
S. & E. India.

Aponogeton lakhonensis A. Camus, Not. Syst. 1: 273, f. 18. 1909; Bruggen in Blumea 18: 479. 1970.
N.E. India.

Aponogeton natans (L.) Engl. & Krause, Pflanzenr. 24:11. 1906; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1598. 1931 (3: 115. 1967, Repr. ed.).

Saururus natans L., Mant. 2: 227. 1771.

Aponogeton monostachyon L. f., Suppl. 214. 1781; Hook. f., Fl. Brit. India 6: 564. 1893.
Throughout India.

Aponogeton satarensis Raghavan, A.R. Kulkarni & Yadav in Kew Bull. 36: 687, f. 1. 1982.
W. India.

Aponogeton undulatus Roxb., Pl. Ind. 2: 211. 1832; Bruggen in Blumea 18: 465, 1970.

Aponogeton microphyllum Roxb., Ic.; Hook. f., Fl. Brit. India 6: 565. 1893.

Aponogeton crispus sensu Hook. f., Ic. 564, p.p. non Thunb., 1784.

Spathium undulatum Edgew. in Calcutta J. 3: 534. 1843.

Spathium microphyllum (Roxb.) Voigt, Hort. Suburb. Calcutt. 694. 1845.
Throughout N. India; Bhutan.

ARACEAE

ACORUS L., Sp. Pl. 324. 1753.

Acorus calamus L., Sp. Pl. 324. 1753; Hook. f., Fl. Brit. India 6: 555. 1893.
Throughout India.

Acorus gramineus Soland. in Ait., Hort. Kew. 1: 474. 1789; Hook. f., Fl. Brit. India 6: 556. 1893.
E. Himalaya, N.E. India.

AGLAONEMA Schott in Wiener Z. Kunst. 1829: 892. 1829.

Aglaonema birmanicum Hook. f., Fl. Brit. India 6: 529. 1893; Engl., Pflanzenr. 64: 25. 1915.
N.E. India.

Aglaonema commutatum Schott, Syn. Aroid. 123. 1856; Haines, Bot. Bih. Orissa 3: 901. 1961, Repr. ed.
E. India.

Aglaonema hookerianum Schott in Bonplandia 7: 30. 1859; Hook. f., Fl. Brit. India 6: 529. 1893.

Aglaonema clarkei Hook. f., Ic.
N.E. India.

Aglaonema nicobaricum Hook. f., Fl. Brit. India 6: 530. 1893.
Andaman & Nicobar Islands.

Aglaonema simplex Bl., Rumph. 1: 152, t. 65. 1837; M.K.V. Rao in J. Econ. Tax. Bot. 8: 154. 1986.
Andaman & Nicobar Islands.

ALOCASIA (Schott) G. Don in R. Sweet, Hort. Brit. ed. 3. 631. 1839 (*nom. cons.*).

Alocasia acuminata Schott in Bonplandia 7: 28. 1859; Hook. f., Fl. Brit. India 6: 527. 1893.
N.E. India.

Alocasia cucullata (Lour.) Schott in Oestr. Bot. Wochenbl. 4: 410. 1854; Hook. f., Fl. Brit. India 6: 525. 1893.

Arum cucullatum Lour., Fl. Cochinch. 656. 1790.
E. & N.E. India.

Alocasia declivens Schott in Bonplandia 7: 28. 1859; Hook. f., Fl. Brit. India 6: 526. 1893.

Arum fornicatum Wight, Ic. 1. 789. 1844 *non* Roxb. 1832 *nec* Wight, t. 792. 1844.
Andaman & Nicobar Islands.

Alocasia fullax Schott in Bonplandia 7: 28. 1859; Hook. f., Fl. Brit. India 6: 527. 1893.
E. Himalaya, E. & N.E. India.

Alocasia fornicata (Roxb.) Schott in Oestr. Bot. Wochenbl. 4: 410. 1854; Hook. f., Fl. Brit. India 6: 526. 1893.

Arum fornicatum Roxb., Fl. Ind. 3: 501. 1832 *non* Wight (*excl.* t. 792) 1844.
E. & N.E. India.

Alocasia macrorrhiza (L.) G. Don in R. Sweet, Hort. Brit. ed. 3. 631. 1839; Hook. f., Fl. Brit. India 6: 526. 1893; Nicolson in Smith, Fl. Vitensis Nov. 1: 455. 1979.

Arum macrorrhizon L., Sp. Pl. 965. 1753.

Alocasia indica Spach, Hist. Nat. Veg. Phan. 12: 47. 1846; Hook. f., Ic. 525.
Tropical & Subtropical India.

Alocasia montana (Roxb.) Schott in Oestr. Bot. Wochenbl. 4: 410. 1854; Hook. f., Fl. Brit. India 6: 525. 1893.

Arum montanum Roxb., Fl. Ind. 3: 497. 1832.
E. India.

- Alocasia navicularis* (Koch & Bouche) Koch & Bouche in Index Sem. Hort. Berol. App. 2. 1855; Hook. f., Fl. Brit. India 6: 527. 1893.
- Colocasia navicularis* Koch & Bouche l.c. App. 3.
E. & N.E. India.
- Alocasia odora* (Roxb.) Koch & Bouche in Index Sem. Hort. Berol. App. 5. 1855; A.S. Rao & Verma in Bull. Bot. Surv. India 18: 28. (1976) 1979.
- Arum odorum* Roxb., Fl. Ind. 3: 499. 1832.
N.E. India.
- AMORPHOPHALLUS** Bl. ex Decne. in Novu. Ann. Mus. Hist. Nat. 3: 366. 1834 (*nom. cons.*).
- Amorphophallus blumei* Schott in Ann. Mus. Lugd. Bat. 1: 124. 1863.
- Amorphophallus oncophyllus* Prain ex Hook. f., Fl. Brit. India 6: 516. 1893.
Andaman & Nicobar Islands.
- Amorphophallus bulbifer* (Roxb.) Bl., Rumph. 1: 148. 1835; Hook. f., Fl. Brit. India 6: 515. 1893.
- Arum bulbiferum* Roxb., Fl. Ind. 3: 510. 1832.
- var. *bulbifer*.
Peninsular, E. & N.E. India.
- var. *strobiliferum* *maculatus* Engl., Pflanzenr. 48: 99. 1911.
- Arum bulbiferum* Roxb. in Bot. Mag. t. 2072. 1819 *non* Roxb. 1832.
E. & N.E. India, E. Himalaya.
- var. *tuberculiger* (Schott) Engl., Pflanzenr. 48: 99. 1911.
- Conophallus tuberculiger* Schott in Bonplandia 7: 28. 1859.
- Amorphophallus tuberculiger* Engl., Arac. 317. 1879; Hook. f., l.c. 517.
N.E. India.
- Amorphophallus carnosus* Engl., Pflanzenr. 48: 93. 1911.
Andaman & Nicobar Islands.
- Amorphophallus commutatus* (Schott) Engl. in DC., Monogr. Phan. 2: 319. 1879 & Pflanzenr. 48: 95. 1911; Hook. f., Fl. Brit. India 6: 515. 1893.
- Conophallus commutatus* Schott in Bonplandia 7: 28. 1859.
Peninsular India.
- Amorphophallus dubius* Bl., Rumph. 1: 142. 1835; Hook. f., Fl. Brit. India 6: 514. 1893.
S. & E. India.
- Amorphophallus hohenackeri* (Schott) Engl. & Gehrm. in Engl., Pflanzenr. 48: 103. 1911.
- Raphidophyllum hohenackeri* Schott, Gen. Aroid. t. 27. 1858.
S. India.
- Amorphophallus longistylus* Kurz ex Hook. f., Fl. Brit. India 6: 515. 1893.
Andaman & Nicobar Islands.
- Amorphophallus mysorensis* Barnes & C.E.C. Fischer in Kew Bull. 1939: 661. 1940.
S. India.
- Amorphophallus paeonifolius* (Dennst.) Nicolson in Taxon 26: 338. 1977.
- Dracontium paeonifolium* Dennst., Schlüssel Hort. Malab. 13, 38. 1818.
- Amorphophallus campanulatus* *non* Bl. ex Decne. 1834; Hook. f., Fl. Brit. India 6: 513. 1893.
- Amorphophallus rex* Prain ex Hook. f., l.c.
- var. *paeonifolius*.
Throughout plains of India, N.E. India; Andaman & Nicobar Islands; Bhutan.
- var. *campanulatus* (Decne.) Sivadasan in Taxon 32: 130. 1983.
- Arum campanulatum* Decne. in Novu. Ann. Mus. Hist. Paris 3: 366. 1834.
- Amorphophallus campanulatus* var. *blumei* Prain, Bengal Pl. 2: 1109. 1903 (2: 835. 1963, Repr. ed.).
S. & E. India.
- Amorphophallus sylvaticus* (Roxb.) Kunth, Enum. Pl. 3: 34. 1841; C.E.C. Fischer in Gambic, Fl. Pres. Madras 1587. 1931 (3: 1107. 1967, Repr. ed.).
- Arum sylvaticum* Roxb., Fl. Ind. 3: 511. 1832.
- Synantherias sylvatica* Schott, Gen. Aroid. t. 28. 1858; Hook. f., Fl. Brit. India 6: 518. 1893.
Peninsular & E. India.
- ANAPHYLLUM** Schott in Bonplandia 5: 126. 1857.

Anaphyllum beddomii Engl., Pflanzenr. 39: 26. 1911; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1589. 1931 (3: 1108. 1967, Repr. ed.). S. India.

Anaphyllum wightii Schott, Gen. Aroid. t. 83. 1858; Hook. f., Fl. Brit. India 6: 551. 1893. S. India.

ARIOPSIS Nimmo in Grah., Cat. Pl. Bombay 252. 1839.

Ariopsis peltata Nimmo in Grah., Cat. Pl. Bombay 252. 1839; Hook. f., Fl. Brit. India 6: 519. 1893.

Remusatia vivipara sensu Wight, Ic. t. 900. 1847, non Schott 1832. Peninsular & N.E. India, Subtropical Himalaya.

ARISAEMA Mart. in Flora 14: 459. 1831.

Arisaema album N.E. Br. in J. Linn. Soc. 18: 247. 1880; Hook. f., Fl. Brit. India 6: 498. 1893. N.E. India.

Arisaema amurense Maxim., Prim. Fl. Amur. 264. 1859; Panigr. & Naik in Bull. Bot. Surv. India 8: 89. 1960. E. Himalaya.

Arisaema attenuatum Barnes & C.E.C. Fischer in Kew Bull. 1936: 275. 1936. S. India.

Arisaema auriculatum Barnes in Kew Bull. 1946: 44. 1946. S. India.

Arisaema barnesii C.E.C. Fischer in Kew Bull. 1933: 342. 1933. S. India.

Arisaema caudatum Engl. in DC., Monogr. Phan. 2: 559. 1879; Hook. f., Fl. Brit. India 6: 508. 1893.

Arisaema longicaudatum Blatt. in J. Proc. Asiat. Soc. Bengal 26: 365. 1921. Peninsular India.

Arisaema concinnum Schott in Bonplandia 7: 27. 1859; Hook. f., Fl. Brit. India 6: 505. 1893.

var. *concinnum*.
Temperate Himalaya.

var. *alienatum* (Schott) Engl., Pflanzenr. 73: 178. 1920.

Arisaema alienatum Schott in Bonplandia 7: 26. 1859. E. Himalaya.

Arisaema consanguineum Schott in Bonplandia 7:27. 1859; Hook. f., Fl. Brit. India 6: 505. 1893. Himalaya, N.E. India.

Arisaema costatum (Wall.) Mart. ex Schott in Schott & Endl., Meletem. Bot. 1: 17. 1832; Hara in Fl. E. Himal. 2nd Rep. 332, t. 6C, f. 17 a-c. 1971 et in Enum. Fl. Pl. Nepal 1: 89. 1978.

Arum costatum Wall., Tent. Fl. Nepal. 28, t. 19. 1824. Himalaya.

Arisaema cuspidatum (Roxb.) Engl. in DC., Monogr. Phan. 2: 536. 1879; A.S. Rao & Verma in Bull. Bot. Surv. India 18: 13. (1976) 1979.

Arum cuspidatum Roxb., Fl. Ind. 3: 506. 1832.

Arisaema roxburghii Kunth, Enum. Pl. 3: 18. 1841. N.E. India; Bhutan.

Arisaema declipiens Schott in Oesterr. Bot. Wochenbl. 7: 373. 1857; Hook. f., Fl. Brit. India 6: 503. 1893. E. Himalaya, N.E. India.

Arisaema echinatum (Wall.) Schott in Schott & Endl., Meletem. Bot. 1: 17. 1832; Hook. f., Fl. Brit. India 6: 506. 1893.

Arum echinata Wall., Pl. Asiat. Rar. 2: 30. 1831. Temperate C. to E. Himalaya.

Arisaema erubescens (Wall.) Schott in Schott & Endl., Meletem. Bot. 1: 17. 1832; Hook. f., Fl. Brit. India 6: 506. 1893.

Arum erubescens Wall., Pl. Asiat. Rar. 2: 30, t. 135. 1831. Temperate C. to E. Himalaya.

Arisaema exappendiculatum Hara in J. Jap. Bot. 40: 21, f. 1. 1965. Nepal.

Arisaema exile Schott in Bonplandia 7: 26. 1859; Hook. f., Fl. Brit. India 6: 506. 1893. Temperate C. to E. Himalaya.

- Arisaema flavum* (Forssk.) Schott, Prodr. 40. 1860; Hook. f., Fl. Brit. India 6: 503. 1893.
- Arum flavum* Forssk., Fl. Aeg.-Arab. 157. 1775. Temperate Himalaya.
- Arisaema fraternum* Schott in Bonplandia 7: 26. 1859; Hook. f., Fl. Brit. India 6: 507. 1893. N.E. India.
- Arisaema galeatum* N.E. Br. in Gard. Chron. 12: 102. 1879; Hook. f., Fl. Brit. India 6: 502. 1893. E. India, E. Himalaya.
- Arisaema griffithii* Schott in Syn. Aroid. 26. 1856; Hook. f., Fl. Brit. India 6: 499. 1893.
- var. *griffithii*.
Temperate C. to E. Himalaya.
- var. *verrucosum* (Schott) Hara, Fl. E. Hirmal. 2: 340, f. 6B. 1971.
- Arisaema verrucosum* Schott in Oesterr. Bot. Wochenbl. 7: 341. 1857; Hook. f., *l.c.*
- Arisaema pradhanii* C.E.C. Fischer in Bot. Mag. 159: t. 9425. 1936. Temperate C. to E. Himalaya, N.E. India.
- Arisaema intermedium* Bl., Rumph. 1: 102. 1836; Hook. f., Fl. Brit. India 6: 500. 1893.
- var. *intermedium*.
Temperate Himalaya.
- var. *biflagellatum* (Hara) Hara, Fl. E. Hirmal. 2: 332. 1971.
- Arisaema biflagellatum* Hara in J. Jap. Bot. 36: 77. 1961. Temperate Himalaya.
- Arisaema Jacquemontii* Bl., Rumph. 1: 95. 1836; Hook. f., Fl. Brit. India 6: 505. 1893. Temperate Himalaya, N.E. India.
- Arisaema kunstleri* Hook. f., Fl. Brit. India 6: 497. 1893. N. to E. India.
- Arisaema leschenaultii* Bl., Rumph. 1: 93. 1836; Hook. f., Fl. Brit. India 6: 504. 1893; Malhotra & Balodi in J. Econ. Tax. Bot. 7: 585. 1985.
- Arisaema pulchrum* N.E. Br. in J. Linn. Soc. 18: 252, t. 6. 1880; Hook. f., *l.c.*
- Arisaema erubescens* sensu Dalz. & Gibb., Bombay Fl. 258. 1861 non Schott, 1832.
- Peninsular India, N.W. Himalaya.
- Arisaema murrayi* (Grah.) Hook. in Bot. Mag. t. 4388. 1848; Hook. f., Fl. Brit. India 6: 507. 1893.
- Arum murrayi* Grah., Cat. Bombay Pl. 229. 1839. Peninsular India.
- Arisaema nepenthoides* (Wall.) Mart. in Flora 14: 458. 1831; Hook. f., Fl. Brit. India 6: 504. 1893.
- Arum nepenthoides* Wall., Tent. Fl. Nepal. 26, t. 18. 1824. Temperate C. to E. Himalaya, N.E. India.
- Arisaema ochraceum* Schott in Bonplandia 7: 27. 1859; Hook. f., Fl. Brit. India 6: 507. 1893. Temperate E. Himalaya.
- Arisaema ostiolatum* Hara in J. Jap. Bot. 36: 75, f. 1. 1961. C. to E. Himalaya.
- Arisaema peltatum* C.E.C. Fischer in Kew Bull. 1936: 274. 1936. S. India.
- Arisaema petiolulatum* Hook. f., Fl. Brit. India 6: 498. 1893.
- Arisaema listeri* Prain ex Burkill in Rec. Bot. Surv. India 10: 397. 1925. E. Himalaya, N.E. India.
- Arisaema propinquum* Schott in Oesterr. Bot. Wochenbl. 7: 333. 1857; Hook. f., Fl. Brit. India 6: 501. 1893.
- Arisaema sikkimensis* Stapf ex Chatterjee in Bull. Bot. Soc. Bengal 3: 18. 1949.
- Arisaema wallichianum* Hook. f., *l.c.*
- Arisaema costatum* sensu Mitra, Fl. Pl. E. India 1: 81. 1958 non (Wall.) Mart. ex Schott, 1832. Temperate Himalaya.
- Arisaema psittacus* Barnes in Hook., *l.c.* Pl. t. 3405. 1940. S. India.
- Arisaema rhizomatum* C.E.C. Fischer in Kew Bull. 1936: 283. 1936.
- var. *rhizomatum*.
E. Himalaya, N.E. India.
- var. *nudum* C.E.C. Fischer in Kew Bull. 1936: 285. 1936.

N.E. India.

Arisaema sarracaenioides Barnes & C.E.C. Fischer in Hook., Ic. Pl. 5: t. 3307. 1936.
S. India.

Arisaema setosum A.S. Rao & Verma in Bull. Bot. Surv. India 11: 196. 1969.
E. Himalaya.

Arisaema speciosum (Wall.) Mart. in Flora 14: 458. 1831; Hook. f., Fl. Brit. India 6: 500. 1893.

Arum speciosum Wall., Tent. Fl. Nepal. 29, t. 20. 1824.

var. *speciosum*.
Temperate Himalaya.

var. *eminens* (Schott) Engl. in DC., Monogr. Phan. 2: 540. 1879.

Arisaema eminens Schott in Oesterr. Bot. Wochenbl. 7: 357. 1857.
Temperate E. Himalaya.

var. *mirabile* (Schott) Engl. in DC., Monogr. Phan. 2: 540. 1879; Hara in J. Jap. Bot. 37: 97. 1962.

Arisaema mirabile Schott in Oesterr. Bot. Wochenbl. 7: 366. 1857.
Temperate C. to E. Himalaya.

Arisaema tortuosum (Wall.) Schott in Schott & Endl., Meletem. Bot. 1: 17. 1832; Hook. f., Fl. Brit. India 6: 502. 1893.

Arum tortuosum Wall., Pl. Asiat. Rar. 2: 10, t. 114. 1830.

Arisaema helleborifolium Schott in Syn. Aroid. 29. 1856.

Arisaema tortuosum var. *helleborifolium* (Schott) Engl. in DC., Monogr. Phan. 2: 545. 1879.

Arisaema neglectum Schott in Bonplandia 7: 26. 1859; Hook. f., Fl. Brit. India 6: 504. 1893.

Arisaema tortuosum var. *neglectum* (Schott) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1585. 1931 (3: 1105. 1967, Repr. ed.).

var. *tortuosum*.

Peninsular & N.E. India, temperate and subtropical Himalaya.

var. *curvatum* (Roxb.) Engl., Pflanzenr. 73: 191. 1920.

Arum curvatum Roxb., Fl. Ind. 3: 506. 1832.

Arisaema curvatum (Roxb.) Kunth, Enum. Pl. 3: 20. 1841.
Himalaya, N.E. India.

var. *steudellii* (Schott) Engl., Pflanzenr. 73: 192. 1920.

Arisaema steudellii Schott in Bonplandia 7: 26. 1859.

Arisaema tortuosum sensu Hook. f., Fl. Brit. India 6: 502. 1893 *p.p. non* Schott, 1832.
Tamil Nadu (Nilgiris).

Arisaema translucens C.E.C. Fischer in Kew Bull. 1933: 344. 1933.
Tamil Nadu (Nilgiris).

Arisaema tuberculatum C.E.C. Fischer in Kew Bull. 1925: 167. 1925 & in Gamble, Fl. Pres. Madras 1890. 1936 (3: 1308. 1967, Repr. ed.).

Arisaema convolutum C.E.C. Fischer in Kew Bull. 1934: 165. 1934 *non* Nakai, 1934.
Tamil Nadu (Nilgiris).

Arisaema tylophorum C.E.C. Fischer in Kew Bull. 1933: 346. 1933 & in Gamble, Fl. Pres. Madras 1891. 1936 (3: 1308. 1967, Repr. ed.).

Arisaema wightii Schott in Bonplandia 7: 26. 1859, *p.p.*
Tamil Nadu (Nilgiris).

Arisaema utile Hook. f. ex Schott, Prodr. Syn. Aroid. 30. 1860; Hook. f., Fl. Brit. India 6: 499. 1893.

var. *utile*.
Temperate Himalaya.

var. *meeboldii* Engl., Pflanzenr. 73: 218. 1920.
N.W. Himalaya.

Arisaema vexillatum Hara & Ohashi in J. Jap. Bot. 48: 99. 1973.
Nepal.

Arisaema wattii Hook. f., Fl. Brit. India 6: 498. 1893.
E. Himalaya, N.E. India.

Arisaema wightii Schott in Bonplandia 7: 26. 1859; Hook. f., Fl. Brit. India 6: 507. 1893.
S. India.

ARUM L., Sp. Pl. 964. 1753.

Arum Jacquemontii Bl., Rumph. 1: 118. 1835;
Hook. f., Fl. Brit. India 6: 509. 1893.
N.W. Himalaya.

CALADIUM Vent., Descr. Pl. Nouv. Jard. Cels
30. 1801.

Caladium bicolor (Ait. ex Dryand.) Vent.,
Descr. Pl. Nouv. Jard. Cels t. 30. 1801; Manilal
& Sivaraian, Fl. Calcutt 303. 1982.

Arum bicolor Ait. ex Dryand., Hort. Kew.3: 316.
1789.
Naturalised in S. India.

COLOCASIA Schott in Schott & Endl.,
Meletem. Bot. 1: 18. 1832 (*nom. cons.*).

Colocasia affinis Schott in Bonplandia 7: 28.
1859; Hook. f., Fl. Brit. India 6: 523. 1893.
E. to C. Himalaya, N.E. India.

Colocasia esculenta (L.) Schott in Schott &
Endl., Meletem. Bot. 1: 18. 1832.

Arum esculentum L., Sp. Pl. 965. 1753.

Colocasia antiquorum Schott in Schott & Endl.,
l.c.; Hook. f., Fl. Brit. India 6: 523. 1893.

Caladium nymphaeifolium Vent., Hort. Cels. 30.
1826.

Colocasia nymphaeifolium Kunth, Enum. Pl. 3:
156. 1841.
Throughout India.

Colocasia fallax Schott in Bonplandia 7: 28.
1859; Hook. f., Fl. Brit. India 6: 524. 1893.
E. to C. Himalaya, N.E. India.

Colocasia mannii Hook. f., Fl. Brit. India 6:
524. 1893.
N.E. India, Andaman & Nicobar Islands.

Colocasia virosa (Roxb.) Kunth, Enum. Pl. 3:
39. 1841; Hook. f., Fl. Brit. India 6: 524. 1893.

Calla virosa Roxb., Fl. Ind. 3: 517. 1832.
S. & E. India.

CRYPTOCORYNE Fischer ex Wydler in
Linnaea 5: 428. 1830.

Cryptocoryne ciliata (Roxb.) Fischer ex Wydler
in Linnaea 5: 428. 1830; Hook. f., Fl. Brit.
India 6: 492. 1893.

Ambrosia ciliata Roxb., Pl. Cor. 7: 90, t. 294.
1820.

Peninsular & E. India, Andaman & Nicobar
Islands.

Cryptocoryne cognata Schott in Bonplandia 5:
222. 1857; Hook. f., Fl. Brit. India 6: 494.
1893.

Peninsular India.

Cryptocoryne cognatoides Blatt. & McC. in J.
Bombay nat. Hist. Soc. 35: 17. 1931.
S. India.

Cryptocoryne consobrina Schott in Bonplandia
5: 222. 1857; Hook. f., Fl. Brit. India 6: 493.
1893.

Peninsular India.

Cryptocoryne gomezii Schott in Bonplandia 5:
221. 1857; Engl., Pflanzenr. 73: 234. 1920.
E. India.

Cryptocoryne meeboldii Engl., Pflanzenr. 73:
234. 1920.

Lagenandra meeboldii (Engl.) C.E.C. Fischer in
Rec. Bot. Surv. India 11: 38. 1926.

Peninsular India.

Cryptocoryne retrospiralis (Roxb.) Kunth,
Enum. Pl. 3: 12. 1841; Hook. f., Fl. Brit. India
6: 493. 1893.

Ambrosinia retrospiralis Roxb., Fl. Ind. 3: 492.
1832.

Cryptocoryne dalzellii Schott in Bonplandia 5:
221. 1857.

Cryptocoryne unilocularis Wight, Ic. t. 774.
1844.

Cryptocoryne roxburghii Schott, Prodr. Syst.
Aroid. 18. 1860; Hook. f., Fl. Brit. India 6:
494. 1893.

Tropical India.

Cryptocoryne spiralis (Retz.) Fischer ex Wydler
in Linnaea 5: 428. 1830; Hook. f., Fl. Brit.
India 6: 494. 1893.

Arum spirale Retz., Obs. Bot. 1: 30. 1779.

Cryptocoryne huegelii Schott, Aroid. 8, t. 12.
1853; Hook. f., *l.c.*

Cryptocoryne tortuosa Blatt. & McC. in J.
Bombay nat. Hist. Soc. 35: 15. 1931.
Peninsular & E. India.

Cryptocoryne wightii Schott, Prodr. Syst. Aroid. 17. 1860; Hook. f., Fl. Brit. India 6: 493. 1893.
S. India.

EPIPREMNUM Schott in Bonplandia 5: 45. 1857.

Epipremnum meeboldii Krause in Engl., Bot. Jahrb. 44: 13. 1910.
N.E. India.

Epipremnum pinnatum (L.) Engl., Pflanzenr. 37: 60. 1908.

Pothos pinnata L., Sp. Pl. ed. 2. 1374. 1762.

Epipremnum mirabile Schott, Gen. Aroid. t. 79. 1858; Hook. f., Fl. Brit. India 6: 549. 1893.
Andaman & Nicobar Islands.

GONATANTHUS Klotz. in Link, Klotz. & Otto, Icon. Pl. Rar. Hort. Berol. 1: 33, ff. 7-14. 1841.

Gonatanthus ornatus Schott in Oestr. Bot. Zeitschr. 8: 121. 1858; Hook. f., Fl. Brit. India 6: 522. 1893.
E. Himalaya, N.E. India.

Gonatanthus pumilus (D. Don) Engl. & Krause in Engl., Pflanzenr. 71: 19. 1920.

Caladium pumilum D. Don, Prodr. Fl. Nepal. 21. 1825.

Gonatanthus sarmentosus Klotz. in Link, Klotz. & Otto, Icon. Pl. Rar. Hort. Berol. 1: 33. 1841.
Temperate Himalaya, N.E. India.

HOMALOMENA Schott in Schott & Endl., Meletem. Bot. 20. 1832.

Homalomena aromatica (Roxb.) Schott in Schott & Endl., Meletem. Bot. 20. 1832; Hook. f., Fl. Brit. India 6: 532. 1893.

Calla aromatica Roxb., Fl. Ind. 3: 513. 1832.
N.E. India.

Homalomena cordata Schott in Schott & Endl., Meletem. Bot. 20. 1832; M.K.V. Rao in J. Econ. Tax. Bot. 8: 155. 1986.
Andaman & Nicobar Islands.

Homalomena griffithii (Schott) Hook. f. var. *ovata* (Schott) Engl., Pflanzenr. 53: 44. 1912; M.K.V. Rao in J. Econ. Tax. Bot. 8: 155. 1986.

Chamaecladon ovatum Schott in Bonplandia 7: 30. 1859.
Andaman & Nicobar Islands.

Homalomena nutans Hook. f., Fl. Brit. India 6: 535. 1893; Here in Bull. Bot. Surv. India 26: 22. (1984) 1985.
Andaman & Nicobar Islands.

Homalomena obliquata (Schott) Hook. f., Fl. Brit. India 6: 534. 1893.

Chamaecladon obliquatum Schott in Bonplandia 6: 369. 1858.
Andaman & Nicobar Islands.

Homalomena pendula (Bl.) Bakh. f. in Blumea 12: 67. 1963.

Caladium pendulum Bl., Cat. 103. 1823.

Calla rubescens Roxb., Fl. Ind. 3: 515. 1832.

Homalomena rubescens (Roxb.) Kunth, Enum. Pl. 3: 57. 1841; Hook. f., Fl. Brit. India 6: 532. 1893.
E. Himalaya, N.E. India.

LAGENANDRA Dalz. in Hook., J. Bot. Kew Gard. Misc. 4: 289. 1852.

Lagenandra nairii Ramam. & Rajan in J. Bombay nat. Hist. Soc. 80: 613, f. 1. (1983) 1984.
S. India.

Lagenandra ovata (L.) Thw., Enum. Pl. Zeyl. 334. 1864; C.E.C. Fischer in Gamble, Fl. Pecs. Madras 1576. 1931 (3: 1099. 1967, Repr. ed.).

Arum ovatum L., Sp. Pl. 967. 1753.
Peninsular India.

Lagenandra toxicaria Dalz. in Hook., J. Bot. Kew Gard. Misc. 4: 289. 1852 & 5: 14. 1853; Hook. f., Fl. Brit. India 6: 495. 1893.

var. *toxicaria*.
Peninsular India.

var. *barnesii* C.E.C. Fischer in Kew Bull. 1938: 126. 1938.

Lagenandra ovata var. *barnesii* (C.E.C. Fischer) Sant. & Jain in Indian Forester 92: 643. 1966.
S. India.

Lagenandra undulata A.R.K. Sastry in Bull. Bot. Surv. India 9: 294. (1967) 1968.
N.E. India, E. Himalaya.

LASIA Lour., Fl. Cochinch. 64, 81. 1790.

Lasia spinosa (L.) Thw., Enum. Pl. Zeyl. 336. 1864.

Dracontium spinosum L., Sp. Pl. 967. 1753.

Pothos heterophyllum Roxb., Fl. Ind. 1: 457. 1820.

Lasia heterophylla (Roxb.) Schott in Schott & Endl., Meletem. Bot. 21. 1832; Hook. f., Fl. Brit. India 6: 550. 1893.
S. to E. India, Tropical Himalaya.

PISTIA L., Sp. Pl. 963. 1753.

Pistia stratiotes L., Sp. Pl. 963. 1753; Hook. f., Fl. Brit. India 6: 497. 1893.

Pistia stratiotes var. *cuneata* Engl. in Fl. Bras. 3, 2: 214. 1879.

Pistia stratiotes var. *spathulata* Engl. l.c.
Throughout India.

PLESMONIUM Schott, Syn. Aroid. 1: 34. 1856.

Plesmonium margaritifera (Roxb.) Schott, Syn. Aroid. 1: 34. 1856; Hook. f., Fl. Brit. India 6: 518. 1893.

Arum margaritifera Roxb., Fl. Ind. 3: 512. 1832.
N. to E. India.

POTHOS L., Sp. Pl. 968. 1753.

Pothos aromaticus C.E.C. Fischer in Kew Bull. 1929: 126. 1929.
S. India.

Pothos cathartii Schott, Aroid. 1: 22, t. 44-45. 1853; Hook. f., Fl. Brit. India 6: 552. 1893.
Tropical Himalaya, E. & N.E. India.

Pothos macrocephalus Scott. ex Hook. f., Fl. Brit. India 6: 553. 1893; M.K.V. Rao in J. Econ. Tax. Bot. 8: 155. 1986.
Andaman & Nicobar Islands.

Pothos roxburghii de Vriese in Miq., Pl. Jungh. 1: 103. 1851.

Pothos scandens Roxb., Fl. Ind. 1: 430. 1832 non L., 1753; Hook. f., Fl. Brit. India 6: 552. 1893 p.p.
N.E. India, Andaman & Nicobar Islands.

Pothos scandens L., Sp. Pl. 968. 1753; Hook. f., Fl. Brit. India 6: 551. 1893 p.p.

var. *scandens*.
Throughout India.

var. *cognatus* (Schott) Engl. in DC., Monogr. Phan. 2: 84. 1879.

Pothos cognatus Schott, Aroid. 1: 22, t. 43. 1853.
N.E. India.

Pothos thomsonianus Schott, Aroid. 1: 24, t. 51. 1853; Hook. f., Fl. Brit. India 6: 535. 1893.
S. India.

Pothos vriesianus Schott, Aroid. 1: 22, t. 36. 1853; Hook. f., Fl. Brit. India 6: 552. 1893.
E. Himalaya.

PYTHONIUM Schott in Schott & Endl., Meletem. Bot. 17. 1832.

Pythonium ecaudatum Griff., Itin. Notes 2: 185. 1848.
E. Himalaya.

REMUSATIA Schott in Schott & Endl., Meletem. Bot. 18. 1832.

Remusatia hookeriana Schott in Oesterr. Bot. Wochenbl. 133. 1858; Hook. f., Fl. Brit. India 6: 522. 1893.
Temperate Himalaya, N.E. India.

Remusatia vivipara (Roxb.) Schott in Schott & Endl., Meletem. Bot. 18. 1832; Hook. f., Fl. Brit. India 6: 521. 1893.

Arum viviparum Roxb., Fl. Ind. 3: 496. 1832 ("viviparium").

Caladium viviparum Lodd., Bot. t. 281. 1818.
Peninsular & E. India, subtropical Himalaya.

RHAPHIDOPHORA Hassk. in Flora 25 (2) Beibl. 1: 11. 1842.

Rhaphidophora affinis Schott in Bonplandia 5: 45, 1857; Hook. f., Fl. Brit. India 6: 548, 1893. N.E. India.

Rhaphidophora calophyllum Schott in Bonplandia 5: 45, 1857.

Rhaphidophora lancifolia Schott in Bonplandia 5: 45, 1857; Hook. f., Fl. Brit. India 6: 545, 1893.

Rhaphidophora peepla (Roxb.) Schott in Bonplandia 5: 45, 1857 p.p. E. Himalaya, N.E. India.

Rhaphidophora decursiva (Roxb.) Schott in Bonplandia 5: 45, 1857; Hook. f., Fl. Brit. India 6: 547, 1893.

Pothos decursiva Roxb., Fl. Ind. 1: 456, 1832.

Scindapsus decursivus Schott in Schott & Endl., Meletem. Bot. 1: 21, 1832; Wight, Ic. 1: 779, 1844.

Rhaphidophora eximia Hook. f., l.c. p.p. Peninsular to E. India, Tropical Himalaya.

Rhaphidophora glauca (Wall.) Schott in Bonplandia 5: 45, 1857; Hook. f., Fl. Brit. India 6: 547, 1893.

Pothos glaucus Wall., Pl. Asiat. Rar. 2: 45, t. 156, 1831.

var. *glauca*.
Tropical & subtropical Himalaya, N.E. India.

var. *khasiana* Hook. f., Fl. Brit. India 6: 547, 1893.
N.E. India.

Rhaphidophora grandis Schott in Oesterr. Bot. Wochenbl. 349, 1858.

Rhaphidophora eximia Hook. f., Fl. Brit. India 6: 547, 1893 p.p.
N. to E. & N. E. India, E. Himalaya.

Rhaphidophora hongkongensis Schott in Bonplandia 5: 44, 1857.

Rhaphidophora schottii Hook. f., Fl. Brit. India 6: 544, 1893.
N. E. India.

Rhaphidophora hookeri Schott in Bonplandia 5: 45, 1857; Hook. f., Fl. Brit. India 6: 546, 1893 p.p.
Throughout N. E. India, Himalaya.

Rhaphidophora korthalsii Schott in Miq., Ann. Mus. Lugd.-Bat. 1: 129, 1863; Panigr. & Naik in Bull. Bot. Surv. India 8: 90, 1966.
E. Himalaya.

Rhaphidophora peepla (Roxb.) Schott in Bonplandia 5: 45, 1857 p.p.; Hook. f., Fl. Brit. India 6: 545, 1893.

Pothos peepla Roxb., Fl. Ind. 1: 454, 1832.
E. Himalaya, N.E. India.

Rhaphidophora pertusa (Roxb.) Schott in Bonplandia 5: 45, 1857; Hook. f., Fl. Brit. India 6: 546, 1893.

Pothos pertusa Roxb., Fl. Ind. 1: 455, 1832.
Peninsular India, Andaman & Nicobar Islands.

SAUROMATUM Schott in Schott & Endl., Meletem. Bot. 17, 1832.

Sauromatum brevipes (Hook. f.) N.E. Br. in Gard. Chron. 3, 34: 93, 1903.

Typhonium brevipes Hook. f., Fl. Brit. India 6: 511, 1893.
Temperate Himalaya, E. India.

Sauromatum pedatum (Willd.) Schott in Schott & Endl., Meletem. Bot. 17, 1832.

Arum pedatum Willd., Enum. Suppl. 54, 1809.

Arum venosum Ait. in Hort. Kew. ed. 1, 3: 315, 1789.

Arum guttatum Wall., Pl. Asiat. Rar. 2: 10, t. 115, 1831 non Salisb. 1796.

Sauromatum venosum (Ait.) Kunth, Enum. Pl. 3: 28, 1841.

Sauromatum guttatum (Wall.) Schott in Schott & Endl., Meletem. Bot. 1: 17, 1832; Hook. f., Fl. Brit. India 6: 508, 1893.
Peninsular & N.E. India, Himalaya, upper Gangetic plains.

SCINDAPSUS Schott in Schott & Endl., Meletem. Bot. 21, 1832.

Scindapsus cuscutaria (Aubl.) Presl, Epimel. 242, 1849; Hook. f., Fl. Brit. India 6: 542, 1893.

Pothos cuscutaria Aubl., Pl. Guian. 2: 840, 1775.
Andaman & Nicobar Islands.

Scindapsus officinalis (Roxb.) Schott in Schott & Endl., Meletem. Bot. 21. 1832; Hook. f., Fl. Brit. India 6: 541. 1893.

Pathos officinalis Roxb., Fl. Ind. 1: 431. 1832.
E. & N.E. India, Andaman & Nicobar Islands,
Tropical Himalaya.

STAUDNERA Koch in Koch & Finl., Wochen. Gaertn. Pflanz. 5: 114. 1862.

Staudnera assamica Hook. f., Fl. Brit. India 6: 520. 1893.
N.E. India.

Staudnera colocasioides Hook. f., Fl. Brit. India 6: 520. 1893.

Staudnera virosa Prain, Bengal Fl. 2: 1113. 1903 (2: 838. 1963, Repr. ed.).
E. Himalaya, N.E. India.

Staudnera discolor Bull in Gard. Chron. 708. 1875; Hook. f., Fl. Brit. India 6: 520. 1893.
India (locality ?).

Staudnera gagei Krause in Engl., Pflanzenr. 71: 15. 1920.

N.E. India.

Staudnera griffithii Schott in Bonplandia 10: 222. 1862; A.S. Rao & Verma in Bull. Bot. Surv. India 18: 23. (1976) 1979.
E. Himalaya & N.E. India.

THERIOPHONUM Bl., Rumph. 1: 127. 1837.

Pauella Ramam. & Seb. in Bull. Bot. Surv. India 8: 348. 1967.

Therophonum minutum (Willd.) Bail., Hist. Pl. 13: 457. 1895.

Arum minutum Willd., Sp. Pl. 4: 481. 1805 excl. Rheede, Illust. cited.

Arum crenatum Wight in Hook., J. Bot. Misc. 2: 100 (Suppl.) t. 3. 1831.

Therophonum crenatum (Wight) Bl., Rumph. 1: 128. 1837; Hook. f., Fl. Brit. India 6: 512. 1893.

Therophonum zeylanicum N.E. Br. in J. Linn. Soc. 18: 238. 1881; Hook. f., l.c. 513.

Therophonum minutum var. *chatterjeei* Haines, Bot. Bih. Orissa 3: 906. 1961, Repr. ed.

Therophonum minutum var. *heynei* Engl. in DC., Monogr. Phan. 2: 607. 1879.

Therophonum minutum var. *kleinii* Engl. l.c.

Therophonum wightii Schott in Oesterr. Bot. Zeitschr. 3. 1858; Hook. f., l.c.
Peninsular & E. India.

Therophonum dalzellii Schott, Aroid. 15. 1853; Hook. f., Fl. Brit. India 6: 513. 1893.

Tapinocarpus dalzellii (Schott) Schott in Oesterr. Bot. Wochenbl. 7: 262. 1857 ("dalzellii").

Tapinocarpus indicus Dalz. in Dalz. & Gibs., Bombay Fl. 258. 1861.

Therophonum indicum Engl., Pflanzenr. 73: 107. 1920.

Therophonum uniseriatum Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 25. 1931.
Peninsular India.

Therophonum fischeri Sivadesan in Aroideana 4: 64. 1981.
S. India.

Therophonum infaustum N.E. Br. in J. Linn. Soc. 18: 260. 1881 (excl. syn. *Arum minutum*); Hook. f., Fl. Brit. India 6: 513. 1893.
S. India.

Therophonum sivagangarum (Ramam. & Seb.) Bogner in Bull. Bot. Surv. India 10: 244. 1968.

Pauella sivagangana Ramam. & Seb. in Bull. Bot. Surv. India 8: 348. (1966) 1967.
S. India.

THOMSONIA Wall., Pl. Asiat. Rar. 1: 83. 1830.

Thomsonia hookeri (Schott) Engl. in DC., Monogr. Phan. 2: 307. 1879.

Allopythion hookeri Schott, Gen. Aroid. t. 24. 1858.
N.E. India.

Thomsonia nepalensis Wall., Pl. Asiat. Rar., 1: 83, t. 99. 1830; Hook. f., Fl. Brit. India 6: 518. 1893.
Tropical Himalaya, N.E. India.

TYPHONIUM Schott in Wiener, Z. Kunst. 1829 (3): 732. 1829.

Typhonium bulbiferum Dalz. in Hook., Kew J. Bot. 4: 113. 1852; Hook. f., Fl. Brit. India 6: 511. 1893.

Peninsular India.

Typhonium diversifolium Wall. ex Schott, Aroid. 1: 13, t. 20. 1853; Hook. f., Fl. Brit. India 6: 510. 1893.

var. *diversifolium*.

Temperate Himalaya.

var. *huegelianum* (Schott) Engl. in DC., Monogr. Phan. 2: 618. 1879.

Typhonium huegelianum Schott, Aroid. 1: 13, t. 19. 1853.

W. Himalaya.

var. *microspadix* Engl., Pflanzenr. 73: 111. 1920.

E. Himalaya.

Typhonium flagelliforme (Roxb. ex Lodd.) Bl., Rumph. 1: 134. 1837; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1578. 1931 (3: 1100. 1967, Repr. ed.).

Arum flagelliforme Roxb. ex Lodd., Bot. Cab. 4: t. 396. 1819.

Arum cuspidatum Bl., Cat. Hort. Buitenz. 101. 1823.

Typhonium cuspidatum (Bl.) Decne. in Nouv. Ann. Mus. Paris 3: 39. 1834; Hook. f., Fl. Brit. India 6: 511. 1893.

Typhonium divaricatum sensu Hook. f., l.c. 510 non Decne. 1834.

Typhonium incurvatum Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 22. 1931.

Peninsular to E. & N.E. India, Andaman & Nicobar Islands.

Typhonium foliosum (Schott) Engl. in DC., Monogr. Phan. 2: 618. 1879.

Heterostalis foliolosa Schott in Oesterr. Bot. Wochenbl. 7: 261. 1857.

Temperate W. Himalaya.

Typhonium gracile (Roxb.) Schott, Aroid. 1: 121. 1855; Hook. f., Fl. Brit. India 6: 512. 1893.

Arum gracile Roxb., Fl. Ind. 3: 505. 1832.

N.W. & N.E. India.

Typhonium inopinatum Prain in J. Asiat. Soc. Beng. 67: 301. 1898 & Bengal Pl. 1108. 1903.

E. India.

Typhonium heteri Prain in J. Asiat. Soc. Beng. 64: 304. 1895.

N.E. India.

Typhonium roxburghii Schott, Aroid. 1: 12. 1855 (excl. t. 17); Prain, Bengal Pl. 2: 1106. 1903 (834. 1963, Repr. ed.).

Typhonium motleyanum Schott, Prodr. 106. 1860; Hook. f., Fl. Brit. India 6: 510. 1893.

Typhonium schottii Prain in J. Asiat. Soc. Beng. 64: 303. 1895.

Typhonium trilobatum var. *schottii* (Prain) Engl., Pflanzenr. 73:118. 1920.

Typhonium amboinense Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 23. 1932.

S. & E. India.

Typhonium trilobatum (L.) Schott in Weiner, Z. Kunst. 3: 72. 1829; Hook. f., Fl. Brit. India 6: 509. 1893.

Arum trilobatum L., Sp. Pl. 965. 1753.

Peninsular, E. & N.E. India.

Typhonium uniseriatum Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 25. 1931.

S. India.

ZANTEDESCHIA Spr., Syst. Veg. 3: 756, 765. 1826 (*nom. cons.*).

Zantedeschia aethiopica (L.) Spr., Syst. Veg. ed. 16. 3:765. 1826; Sivadasan & Nicolson in Matthew, Fl. Tamil Nadu Carnatic 3: 1704. 1983.

Calla aethiopica L., Sp. Pl. 968. 1753.

Naturalised in Tamil Nadu.

ARECACEAE (PALMAE)

ACTINORHYTIS Wendl. & Drude in Linnaea 39: 184. 1875.

Actinorhytis calapparia (Bl.) Wendl. & Drude ex Scheffer in Ann. Jard. Bot. Buitenz. 1: 156. 1876; Talbot, For. Fl. Bombay Pres. & Sind 2: 552. 1911.

Areca calapparia Bl., Rumph. 2, t. 100, f. 2. 1838.

Peninsular India.

ARECA L., Sp. Pl. 1189. 1753.

Areca catechu L., Sp. Pl. 1189. 1753; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 405. 1892.

Andaman & Nicobar Islands; cultivated in various parts of India.

Areca nagensis Griff. in Calcutta J. Nat. Hist. 5: 156. 1845 & Palms Brit. India 149. 1850; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 406. 1892.

N.E. India.

Areca triandra Roxb., Fl. Ind. 3: 617. 1832; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 406. 1892.

Andaman & Nicobar Islands, N.E. India.

ARENGA Labill. in DC. in Bull. Sci. Soc. Philom. Paris 2: 162. 1800 (*nom. cons.*).

Arenga pinnata (O.Ktze.) Merr., Interpr. Rumph. Herb. Amboin. 119. 1917; Backer & Bakh. f., Fl. Java 3: 188. 1968.

Saguerus pinnatus O. Ktze., Rev. Gen. Pl. 736. 1891.

Arenga saccharifera Labill. in Mem. Inst. Paris 4: 209, tt. 6-7. 1803; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 421. 1892.

N.E. India.

Arenga wightii Griff. in Calcutta J. Nat. Hist. 4: 475. 1845 & Palms Brit. India 167, t. 235 E. 1850.

Peninsular India.

BENTINCKIA A. Berry apud Roxb., Fl. Ind. 3: 621. 1832.

Bentinckia condopanna A. Berry apud Roxb., Fl. Ind. 3: 621. 1832; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 418. 1892.

S. India.

Bentinckia nicobarica (Kurz) Becc. in Ann. Jard. Bot. Buitenz. 2: 165. 1885; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 418. 1892.

Orania nicobarica Kurz in J. Bot. 4: 331, t. 171, f. 19-25. 1875.

Andaman & Nicobar Islands.

BORASSUS L., Sp. Pl. 707. 1753.

Borassus flabellifer L., Sp. Pl. 1187. 1753; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 482. 1892.

Borassus flabelliformis Roxb., Pl. Cor. 1: 50, t. 71. 1796 & Fl. Ind. 3: 790. 1832.

Throughout tropical India.

CALAMUS L., Sp. Pl. 325. 1753.

Calamus acanthospathus Griff. in Calcutta J. Nat. Hist. 5: 39. 1845 & Palms Brit. India 50, t. 190 B (excl. 4, f. 1). 1850.

Calamus montanus T. And. in J. Linn. Soc. 11: 9. 1869.

E. Himalaya, N.E. India.

Calamus andamanicus Kurz in J. Asiat. Soc. Beng. 43: 211, t. 27A. 1874 & For. Fl. Brit. Burma 2: 519. 1877.

var. *andamanicus*.

Andaman & Nicobar Islands.

var. *nicobaricus* Becc. in Rec. Bot. Surv. India 2: 211. 1902.

Andaman & Nicobar Islands.

Calamus brandisii Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 448. 1892.

S. India.

Calamus delessertianus Becc. in Rec. Bot. Surv. India 2: 198. 1904 & in Ann. Roy. Bot. Gard. Calcutta 11: 276. 1908.

S. Peninsular India.

Calamus dilaceratus Becc. in Rec. Bot. Surv. India 2: 198. 1902.

Andaman & Nicobar Islands.

Calamus erectus Roxb., Fl. Ind. 3: 774. 1832; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 438. 1892 (excl. *C. schizospathus*).

Calamus collinus Griff. in Calcutta J. Nat. Hist. 5: 31. 1845.

Calamus erectus var. *collinus* (Griff.) Becc. & Hook. f. in Hook. f., l.c. 439.

Calamus macrocarpum Griff. in Mart., Hist. Nat. Palm 3: 333, t. 176, f. 10. 1850.

Calamus erectus var. *macrocarpa* (Griff.) Becc. in Hook. f., l.c.

var. *erectus*.

E. Himalaya, E. & N.E. India.

var. *schizospathus* (Griff.) Becc. in Ann. Roy. Bot. Gard. Calcutta 11: 125. 1908.

Calamus schizospathus Griff. in Calcutta J. Nat. Hist. 5: 32. 1845.

Calamus erectus Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 438. 1892 *p.p. non* Roxb. 1832. E. Himalaya, E. India.

Calamus flagellum Griff. in Mart., Hist. Nat. Palm. 333, t. 176, f. 9. 1849; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 439. 1892.

Calamus polygamus Roxb., Fl. Ind. 3: 780. 1832.

E. Himalaya, E. & N.E. India.

Calamus floribundus Griff. in Calcutta J. Nat. Hist. 5: 56. 1845 & Palms Brit. India 66, t. 197. 1850; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 444. 1893.

Calamus mistoneensis Griff. in Calcutta J. Nat. Hist. 5: 55. 1845.

var. *floribundus*.

E. Himalaya, N.E. India.

var. *depauperatus* Becc. in Ann. Roy. Bot. Gard. Calcutta 11: 79. 1908.

N.E. India.

Calamus gamblei Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 453. 1893.

var. *gamblei*.

S. India.

var. *sphaerocarpus* Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 493. 1893 & in Rec. Bot. Surv. India 2: 207. 1902.

S. India.

Calamus gracilis Roxb., Fl. Ind. 3: 781. 1832; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 453. 1893.

N.E. India.

Calamus guruba Buch.-Ham. in Mart., Hist. Nat. Palm. 206, 211, 330, t. 175, f. 1. 1849; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 449. 1893.

Calamus mastersianus Griff. in Calcutta J. Nat. Hist. 5: 76. 1845.

E. & N.E. India.

Calamus helferianus Kurz in J. Asiat. Soc. Beng. 43: 213. 1875 & For. Fl. Brit. Burma 521. 1877; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 446. 1893.

Andaman & Nicobar Islands.

Calamus hookerianus Becc. in Ann. Roy. Bot. Gard. Calcutta 11: 226. 1908.

Calamus borneensis Becc. in Rec. Bot. Surv. India 2: 205. 1904 *non* Miq. 1855.

S. India.

Calamus huegellanus Mart., Hist. Nat. Palm. 338. 1849; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 452. 1893.

Calamus wightii Griff., Palms Brit. India 102. 1850.

S. India.

Calamus inermis T. And. in J. Linn. Soc. Bot. 11: 11. 1869.

Calamus latifolius sensu Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 455. 1893 *p.p. non* Roxb., 1832.

E. Himalaya.

Calamus khasianus Becc. in Ann. Roy. Bot. Gard. Calcutta 11: 80, 431. 1908.

E. & N.E. India.

Calamus kingianus Becc. in Ann. Roy. Bot. Gard. Calcutta 11: 197. 1908.

N.E. India.

Calamus latifolius Roxb., Fl. Ind. 3: 775. 1832; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 455. 1893 *p.p.*

Calamus humilis Roxb., Fl. Ind. 3: 773. 1832.

var. *latifolius*.

E. & N.E. India; C. to E. Himalaya.

var. *marmoratus* Becc. in Ann. Roy. Bot. Gard. Calcutta 12: 107, 409. 1908.

E. Himalaya, E. & N.E. India.

Calamus leptospadix Griff. in Calcutta J. Nat. Hist. 5: 49. 1845 & Palms Brit. India 60, t. 194 A-C. 1850; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 441. 1892.

E. & N.E. India, C. to E. Himalaya.

Calamus longisetus Griff. in Calcutta J. Nat. Hist. 5: 36. 1845 & Palms Brit. India 44, t. 189 A-B. 1850.

Andaman & Nicobar Islands.

Calamus metzianus Schlecht. in Linnæa 26: 727. 1853; Becc. in Ann. Roy. Bot. Gard. Calcutta 11: 221. 1908.

S. India.

Licuala spinosa Thunb., Kongl. Vetensk. Acad. Nya Handl. 3: 287, 1782; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 431, 1892. Andaman & Nicobar Islands.

LIVISTONA R. Br., Prodr. 267, 1810.

Livistona jenkinsoniana Griff. in Calcutta J. Nat. Hist. 5: 334, 1845 & Palms Brit. India 128, t. 226, 1850; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 435, 1892. E. Himalaya, N.E. India.

Livistona spectiosa Kurz in J. Asiat. Soc. Beng. 43: 196, 204, t. 13-14, 1874; Blatt., Palms Brit. Ind. Ceylon 102, 1926. E. India.

NANNORRHOPS Wendl. in Bot. Zeit. (Berlin) 37: 148, 1879.

Nannorrhops ritchiana (Griff.) Aitch. in J. Linn. Soc. Bot. 19: 187, 1882 ("ritchieana"); Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 429, 1892.

Chamaerops ritchiana Griff. in Calcutta J. Nat. Hist. 5: 342, 1845. N.W. & N. India.

NYPA Steck, Diss. De Sagu 15, 1757.

Nypa fruticans Wurm. in Verh. Batav. Genescho. Kunsten, 1: 350, 1781; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 424, 1892.

E. India, Andaman & Nicobar Islands.

PHOENIX L., Sp. Pl. 1188, 1753.

Phoenix acaulis Roxb. ex Buch.-Ham. in Trans. Linn. Soc. London 15: 87, 1826; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 426, 1892. Throughout India except N.W.

Phoenix humilis Royle ex Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 426, 1892. Throughout Hills of India.

Phoenix loureirii Kunth, Enum. Pl. 3: 257, 1841; Moore in Principes 7: 157, 1963.

Phoenix humilis var. *loureirii* (Kunth) Becc. in Males. 3: 348, 379, t. 44, f. 16-17, 1890; Becc.

& Hook. f. in Hook. f., Fl. Brit. India 6: 427, 1892.

Phoenix pedunculata Griff., Palms Brit. India 139, 1850.

Phoenix humilis Royle ex Becc. var. *pedunculata* (Griff.) Becc. in Males. 3: 379, 387, t. 44, f. 13-15, 18-21, 25-27, 1890; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 427, 1892. W. Ghats, N.E. India.

Phoenix paludosa Roxb., Fl. Ind. 3: 789, 1832; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 427, 1892.

E. India, Andaman & Nicobar Islands.

Phoenix pusilla Gaertn., Fruct. 1: 24, 1788; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 426, 1892.

Phoenix farinifera Roxb., Pl. Cor. 1: 55, t. 74, 1796 & Fl. Ind. 3: 785, 1832; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 426, 1892. Coromandel Coast.

Phoenix robusta (Becc.) Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 427, 1892.

Phoenix humilis var. *robusta* Becc. in Males. 3: 348, 384, 1890.

E. India.

Phoenix rupicola T. And. in J. Linn. Soc. 11: 13, 1870; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 425, 1892.

E. Himalaya, E. to N.E. India.

Phoenix sylvestris (L.) Roxb., Fl. Ind. 3: 787, 1832; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 425, 1892.

Elate sylvestris L., Sp. Pl. 1189, 1753; Moore ex Dransfield in Taxon 28: 67, 1979.

Throughout hotter parts of India.

PINANGA Bl. in Bull. Sci. Phys. Nat. Neerl. 1: 65, 1838.

Pinanga coronata Bl. in Bull. Sci. Phys. Nat. Neerl. 1: 65, 1838.

Pinanga kuhlii Bl., t.c. & Rumph. 2: 82, t. 111, f. 11-13, 1839; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 409, 1892.

Andaman & Nicobar Islands.

Pinanga dlexsonii (Roxb.) Scheffer in Natuurk. Tijdschr. Neerl. Ind. 32: 174, 1879; Becc. &

Hook. f. in Hook. f., Fl. Brit. India 6: 409. 1892.

Areca dicksonii Roxb., Fl. Ind. 3: 616. 1832.
Pepinsular India.

Pinanga gracilis (Roxb.) Bl., Rumph. 2: 77. 1839; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 407. 1892.

Areca gracilis Roxb., Fl. Ind. 3: 619. 1832.
C. to E. Himalaya, N.E. India.

Pinanga griffithii Becc. in Males. 3: 117. 1890; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 407. 1892.
N.E. India.

Pinanga hookeriana Becc. in Males. 3: 141. 1890; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 410. 1892.
N.E. India.

Pinanga manii Becc. in Males. 3: 178. 1886; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 409. 1892.
Andaman & Nicobar Islands.

PLECTOCOMIA Mart. & Bl. in J.A. & J.H. Schultes, Syst. Veg. 7: 1333. 1830.

Plectocomia assamica Griff. in Calcutta J. Nat. Hist. 5: 97. 1845 & Palms Brit. India 107, t. 218a. 1850; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 479. 1892.
N.E. India.

Plectocomia bractealis Becc. in Ann. Roy. Bot. Gard. Calcutta 12: 40. 1918; Blatt., Palms Brit. Ind. Ceylon 278. 1926.
N.E. India.

Plectocomia himalayana Griff. in Calcutta J. Nat. Hist. 5: 100. 1845 & Palms Brit. India 108, t. 218. 1850; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 478. 1892.
E. India, E. Himalaya.

Plectocomia khasyana Griff. in Calcutta J. Nat. Hist. 5: 106. 1845 & Palms Brit. India 106, t. 218. 1850; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 478. 1892.
N.E. India.

RHOPALOBlaste Scheffer in Ann. Jard. Bot. Buitenz. 137. 1876.

Rhopaloblaste angusta (Kurz) Moore in Principes 14: 79. 1970.

Areca angusta Kurz in J. Bot. 13: 331, t. 170. 1875.

Pychoraphis angusta (Kurz) Becc. in Ann. Jard. Bot. Buitenz. 2: 90. 1885 & Males. 3: 110. 1886; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 414. 1892.
Andaman & Nicobar Islands.

SALACCA Reinw., Syll. Pl. Nov. 2: 3. 1826.

Salacca secunda Griff. in Calcutta J. Nat. Hist. 5: 12. 1845 & Palms Brit. India 14, t. 177. 1850; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 472. 1893.

Calamus collinus Griff., Palms Brit. India t. 186. 1850.
E. Himalaya, N.E. India.

TRACHYCARPUS Wendl. in J. Gray, Bull. Soc. Bot. France 8: 429. 1861.

Trachycarpus martianus (Mart.) Wendl. in J. Gray, Bull. Soc. Bot. France 8: 429. 1861; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 436. 1892.

Chamaerops martianus Mart. in Wall., Pl. Asiat. Rar. 3: 5, t. 211. 1832.

Chamaerops khasyana Griff. in Calcutta J. Nat. Hist. 5: 341. 1845.
Temperate C. to E. Himalaya, N.E. India.

Trachycarpus takil Becc. in Webbia 1: 52. 1905; Osmast., For. Fl. Kusaon 546. 1926.

Chamaerops martiana Duthie in Gard. Chron. 457. 1866 non Mart. 1832.
W. Himalaya.

WALLICHIA Roxb., Pl. Cor. 3: 91. 1820.

ASRAOA Joseph in Bull. Bot. Surv. India 14: 145. (1972) 1975.

Wallichia caryotoides Roxb., Pl. Cor. 3: t. 295. 1820; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 419. 1892.
E. India.

Wallichia densiflora Mart., Hist. Nat. Palm. 3: 190. 1838; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 419. 1892.

Tropical Himalaya, N.E. India.

Wallichia disticha T. And. in J. Linn. Soc. 11: 6. 1869; Becc. & Hook. f. in Hook. f., Fl. Brit. India 6: 419. 1892.

Himalaya, N.E. India.

Wallichia gracilis Becc. in Webbia 3: 211. 1910.

E. Himalaya.

Wallichia triandra (Joseph) Basu in Principes 20: 120. 1976.

Asraoa triandra Joseph in Bull. Bot. Surv. India 14: 145. (1972) 1975.

Arunachal Pradesh.

BURMANNIACEAE

BURMANNIA L., Sp. Pl. 287. 1753.

Burmanna championi Thw., Enum. Pl. Zeyl. 325. 1864; Balakr. in Bull. Bot. Surv. India 18: 230. (1976) 1979.

S. India, Andaman & Nicobar Islands.

Burmanna coelestis D. Don, Prodr. Fl. Nepal. 44. 1825; Hook. f., Fl. Brit. India 5: 665. 1888.

Burmanna candida Griff. ex Hook. f., l.c.

Gonyanthes pusillus Miers in Trans. Linn. Soc. 18: 537, t. 38, f. 3. 1841.

Burmanna pusilla (Miers) Thw., Enum. Pl. Zeyl. 325. 1864; Hook. f., Fl. Brit. India 5: 665. 1888.

Peninsular, E. & N.E. India, Andaman & Nicobar Islands.

Burmanna disticha L., Sp. Pl. 287. 1753; Hook. f., Fl. Brit. India 5: 664. 1888.

Burmanna disticha var. *sumatrana* Hook. f., l.c. Peninsular & N.E. India, Tropical Himalaya.

Burmanna indica Jonker in Med. Bot. Mus. Herb. Rijks. Univ. Utrecht 51 (Monogr. Burmanniaceae) 161. 1938.

S. India.

Burmanna nepalensis (Miers) Hook. f., Fl. Brit. India 5: 666. 1888.

Gonyanthes nepalensis Miers in Trans. Linn. Soc. 18: 537, t. 38, f. 1. 1841.

N.E. India.

Burmanna stricta Jonker in Med. Bot. Mus. Herb. Rijks. Univ. Utrecht 51 (Monogr. Burmanniaceae) 156. 1938.

S. India.

Burmanna wallichii (Miers) Hook. f., Fl. Brit. India 5: 666. 1888.

Gonyanthes wallichii Miers in Trans. Linn. Soc. 18: 537, t. 38, f. 2. 1841.

S. India.

HAPLOTHISMIA Airy Shaw in Kew Bull. 1952: 277. 1952.

Haplothismia exannulata Airy Shaw in Kew Bull. 1952: 277. 1952.

S. India.

BUTOMACEAE

BUTOMOPSIS Kunth, Enum. Pl. 3: 164. 1841.

Butomopsis latifolia (D. Don) Kunth, Enum. Pl. 3: 165. 1841.

Butomus latifolius D. Don, Prodr. Fl. Nepal. 22. 1825.

Butomus lanceolatus Roxb., Fl. Ind. 2: 315. 1832.

Butomopsis lanceolata (Roxb.) Kunth, Enum. Pl. 3: 165. 1841; Hook. f., Fl. Brit. India 6: 562. 1893.

Tenagocharis latifolia (D. Don) Buchen. in Abh. Naturw. Ver. Bremen 2: 6. 1868.

Throughout the plains of India.

BUTOMUS L., Sp. Pl. 372. 1753.

Butomus umbellatus L., Sp. Pl. 372. 1753; Hook. f., Fl. Brit. India 6: 562. 1893.

N.W. & N. India.

CANNACEAE

CANNA L., Sp. Pl. 1. 1753.

Canna chinensis Willd. in Gen. Naturf. Freund. Berlin Mag. 2: 170. 1808; Hara *et al.*, Enum. Fl. Pl. Nepal 1: 62. 1978.

Canna indica var. *nepalensis* (Wall. ex Bouche) Baker in Hook. f., Fl. Brit. India 6: 261. 1892.

Canna nepalensis Wall. ex Bouche in Linnaea 8: 158. 1833.
Himalaya.

Canna indica L., Sp. Pl. 1. 1753.

Canna orientalis Rosc., Scit. Pl. t. 12. 1828.

Canna indica var. *orientalis* (Rosc.) Baker in Hook. f., Fl. Brit. India 6: 260. 1892.

var. *indica*.

Throughout India; naturalised.

var. *speciosa* (Sims) Baker in Hook. f., Fl. Brit. India 6: 261. 1892.

Canna speciosa Sims in Curtis, Bot. Mag. 49: t. 2317. 1822.

Himalaya, naturalised.

Canna flaccida Rosc. in Trans. Linn. Soc. 8: 339. 1807; Sant., Fl. Purandhar 129. 1958.

Canna indica var. *flava* Rosc., Scit. Pl. t. 13. 1828; Baker in Hook. f., Fl. Brit. India 6: 261. 1892.

Peninsular India.

COMMELINACEAE

AMISCHOPHACELUS Rolla Rao & Kammathy in J. Linn. Soc., Bot. 59: 305. 1966.

Amischophacelus axillaris (L.) Rolla Rao & Kammathy in J. Linn. Soc., Bot. 59: 306. 1966.

Commelina axillaris L., Sp. Pl. 42. 1753.

Cyanotis axillaris (L.) D. Don, Prodr. Fl. Nepal. 46. 1825; Hook. f., Fl. Brit. India 6: 388. 1892.

Tonningia axillaris (L.) O. Ktze., Rev. Gen. Pl. 2: 721. 1891.

Throughout India.

Amischophacelus cucullata (Roth) Rolla Rao & Kammathy in J. Linn. Soc., Bot. 59: 306. 1966.

Tradescantia cucullata Roth, Nov. Pl. Sp. 189. 1821.

Cyanotis cucullata (Roth) Kunth, Enum. Pl. 4: 107. 1843; Hook. f., Fl. Brit. India 6: 389. 1892.

Zygomenes cucullata (Roth) Rolla Rao & Kammathy in Notes R.B.G. Edinb. 25: 187. 1965.

Peninsular India.

AMISCHOTOLYPE Hassk. in Flora 46: 391. 1863.

Amischotolype hookeri (Hassk.) Hara, Fl. E. Himal. 399. 1966.

Forrestia hookeri Hassk. in Flora 47: 629. 1864; Hook. f., Fl. Brit. India 6: 384. 1892.

C. to E. Himalaya, N.E. India.

Amischotolype mollissima (Bl.) Hassk. in Flora 46: 392. 1863.

Campelia mollissima Bl., Enum. Pl. Jav. 1: 7. 1827.

Campelia marginata Bl., l.c.

Amischotolype mollissima var. *marginata* (Bl.) Rolla Rao in M.V.M. Patrika 6: 53. 1971.

Campelia hispida Less. & A. Rich., Sert. Astrolab. 2: t. 1. 1834.

Forrestia marginata (Bl.) Hassk. in Flora 47: 630. 1864.

Forrestia rostrata Hassk. l.c. 631.

Forrestia mollis Hassk. l.c. 628; Hook. f., Fl. Brit. India 6: 383. 1892.

Forrestia glabrata Hassk. l.c. 630; Hook. f., l.c. 384.

Forrestia marginata var. *rostrata* (Hassk.) C.B. Cl. in DC., Monogr. Phan. 3: 237. 1881; Hook. f., l.c.

Forrestia mollissima (Bl.) Kda., Exk. Fl. Java 1: 282. 1911.

Forrestia mollissima var. *hispida* (Less. & A. Rich.) Backer, Handb. Fl. Java 3: 33. 1924.

Forrestia mollissima f. *glabrata* (Kunth) Backer in Backer et Bakh. f., Fl. Java 3: 15. 1968.

Forrestia mollissima f. *marginata* (Bl.) Backer, l.c.

Amischototype mollissima var. *glabrata* (Hassk.)
Rolla Rao in M.V.M. Patrika 6: 53. 1971.
S. & N.E. India, Andaman & Nicobar Islands.

Amischototype tenuis (C.B. Cl.) Rolla Rao in
M.V.M. Patrika 6: 53. 1971.

Buforrestia tenuis C.B. Cl. in DC., Monogr.
Phan. 3: 234. 1881.

Forrestia tenuis (C.B. Cl.) Bth. in Bth. & Hook.
f., Gen. Pl. 3: 851. 1883.

ANEILEMA R. Br., Prodr. 270. 1810.

Anellema conspicuum (Bl.) Kunth, Enum. Pl. 4:
69. 1843; Hook. f., Fl. Brit. India 6: 382. 1892.

Commelina conspicua Bl., Enum. Pl. Jav. 1: 4.
1827.
N.E. India.

Anellema hamiltonianum Wall. ex C.B. Cl.,
Commel. & Cyrt. Beng. t. 27. 1874 & in DC.,
Monogr. Phan. 3: 213. 1881; Hook. f., Fl. Brit.
India 6: 380. 1892.

var. *hamiltonianum*.
N. to N.E. India.

var. *minor* C.B. Cl., Commel. & Cyrt. Beng. t.
28. 1874 & in DC., Monogr. Phan. 3: 214.
1881; Hook. f., Fl. Brit. India 6: 380. 1892.
N.E. India.

Anellema ovatum (Hassk.) C.B. Cl., Commel.
& Cyrt. Beng. t. 25. 1874; Hook. f., Fl. Brit.
India 6: 382. 1892.

Dictyospermum ovatum Hassk., Commel. India
24. 1870; Rolla Rao in Notes R.B.G. Edinb. 25:
182. 1965.
Andaman & Nicobar Islands.

BELOSYNOPSIS Hassk. in Flora 24: 259.
1871.

Belosynopsis epiphytica (Blatt.) C.E.C. Fischer
in Gamble, Fl. Pres. Madras 1889. 1936 (3:
1307. 1967, Repr. ed.).

Cyanotis epiphytica Blatt. in J. Bombay nat.
Hist. Soc. 33: 76. 1929.
Peninsular India.

Belosynopsis kewensis Hassk. in Flora 24: 259.
1871.

Cyanotis kewensis (Hassk.) C.B. Cl. in DC.,
Monogr. Phan. 3: 243, t. 5, f. 6. 1881; Hook.
f., Fl. Brit. India 6: 388. 1892.
S. India.

Belosynopsis vivipara (Dalz.) Sprague ex C.E.C.
Fischer in Kew Bull. 1928: 254. 1928 & in
Gamble, Fl. Pres. Madras 1551. 1931 (3: 1082.
1967, Repr. ed.).

Cyanotis vivipara Dalz. in Hook., J. Bot. 3:
226. 1851; Hook. f., Fl. Brit. India 6: 388.
1892.

Dalzellia vivipara (Dalz.) Hassk. in Flora 594.
1865.
Peninsular India; Bhutan.

COMMELINA L., Sp. Pl. 40. 1753.

Commelina albescens Hassk. in Schweinf., Beitr.
Fl. Aethiop. 210. 1867; Hook. f., Fl. Brit. India
6: 373. 1892.
W. & N.W. India

Commelina appendiculata C.B. Cl., Commel. &
Cyrt. Beng. 13. 1874; Hook. f., Fl. Brit. India
6: 374. 1892.
E. & N.E. India, E. Himalaya.

Commelina attenuata Koen. ex Vahl, Enum. Pl.
2: 168. 1806; Hook. f., Fl. Brit. India 6: 372.
1892.
Almost throughout India.

Commelina avenaeifolia Grah., Cat. Bombay Pl.
224. 1839; Hook. f., Fl. Brit. India 6: 374.
1892.
Peninsular India.

Commelina benghalensis L., Sp. Pl. 41. 1753;
Hook. f., Fl. Brit. India 6: 370. 1892.
Throughout India.

Commelina clavata C.B. Cl., Commel. & Cyrt.
Beng. 15, t. 5. 1874; Hook. f., Fl. Brit. India 6:
371. 1892.

var. *clavata*.
Peninsular India.

var. *hohenackeri* C.B. Cl., Commel. & Cyrt.
Beng. t. 5. 1874; Hook. f., l.c.
Tamil Nadu (Nilgiris).

Commelina diffusa Burm. f., Fl. Ind. 18, t. 7, f.
2. 1768; Panigr. & Kammathy in J. Indian Bot.
Soc. 43: 299. 1964.

- Commelina communis* Dalz. & Gibs., Bombay Fl. 252. 1861.
- Commelina nudiflora* sensu Hook. f., Fl. Brit. India 6: 369. 1892 *non* L. 1753. Peninsular, N.E. & N.W. India, E. Himalaya, Andaman & Nicobar Islands.
- Commelina ensifolia* R. Br., Prodr. 269. 1810; Hook. f., Fl. Brit. India 6: 374. 1892; Rolla Rao in Blumea 14: 352. 1967.
- Commelina undulata* var. *setosa* C.B. Cl. in DC., Monogr. Phan. 3: 179. 1881; C.B.C. Fischer in Gamble, Fl. Pres. Madras 1539. 1931 (3: 1975, 1967, Repr. ed.). Peninsular India.
- Commelina erecta* L., Sp. Pl. 41. 1753; Morton in J. Linn. Soc. London 60: 183. 1967.
- Commelina undulata* R. Br., Prodr. 270. 1810; Sant. in Rec. Bot. Surv. India 16: 285. 1967 (3rd ed.).
- Commelina kurzii* C.B.C. in J. Linn. Soc. 11: 444. 1871; Hook. f., Fl. Brit. India 6: 373. 1892.
- Commelina kurzii* var. *glochidea* Hook. f., Ic. 374.
- Commelina obliqua* Buch.-Ham. ex D. Don var. *mathewii* C.B. Cl. in DC., Monogr. Phan. 3: 878. 1881.
- Commelina paludosa* Bl. var. *mathewii* (C.B. Cl.) Rolla Rao & Kammathy in Bull. Bot. Surv. India 3: 168. 1962. Peninsular & N.W. India.
- Commelina forsskalii* Vahl, Enum. Pl. 2: 172. 1806; Hook. f., Fl. Brit. India 6: 371. 1892. Peninsular & N.W. India.
- Commelina hasskarlii* C.B. Cl., Commel. & Cyrt. Beng. 13, t. 3: 1874 & in DC., Monogr. Phan. 3: 157. 1881; Hook. f., Fl. Brit. India 6: 370. 1892. Throughout India.
- Commelina hirsuta* (Wight) C.B. Cl. in DC., Monogr. Phan. 3: 163. 1881; Hook. f., Fl. Brit. India 6: 371. 1892.
- Heterocarpus hirsutus* Wight, Ic. t. 2067. 1853. Peninsular India.
- Commelina imberbis* Ehrenb. ex Hassk. in Schweinf., Fl. Aethiop. 206. 1867; Rolla Rao in Blumea 14: 352. 1966.
- Commelina alisagarensis* Kumar & Deodikar in Proc. Indian Acad. Sci. 13: 168. 1941.
- Commelina jacobii* C.B.C. Fischer in Kew Bull. 1928: 277. 1928 & in Gamble, Fl. Pres. Madras 1539. 1931 (3: 1975, 1967, Repr. ed.).
- Commelina persicariaefolia* Wight ex C.B. Cl. in DC., Monogr. Phan. 3: 171. 1881 *non* DC., 1816. Peninsular India.
- Commelina indehiscens* Barnes in J. Bombay nat. Hist. Soc. 46: 74. 1949. Peninsular India.
- Commelina kotschyi* Hassk. in Schweinf., Fl. Aethiop. 207. 1867; Rolla Rao in Blumea 14: 349. 1966.
- Commelina heterosperma* Blatt. & Hallb. in J. Indian Bot. Soc. 2: 54. 1922. Peninsular India.
- Commelina tongifolia* Lam., Encycl. 1: 129. 1783; Rolla Rao in Taxon 10: 254. 1961.
- Commelina salicifolia* Roxb., Fl. Ind. 1: 172. 1820; Hook. f., Fl. Brit. India 6: 370. 1892. Peninsular, E. & N.E. India.
- Commelina maculata* Edgew. in Trans. Linn. Soc. 20: 89. 1846; Rolla Rao in Blumea 14: 353. 1966.
- Commelina obliqua* Buch.-Ham. ex D. Don, Prodr. Fl. Nepal 45. 1825 *non* Vahl, 1806; Hook. f., Fl. Brit. India 6: 372. 1892.
- Commelina paludosa* Bl., Enum. Pl. Jav. 1: 2. 1827; Rolla Rao & Kammathy in J. Bombay nat. Hist. Soc. 59: 60. 1962.
- Commelina obliqua* var. *viscida* C.B.C. in DC., Monogr. Phan. 3: 178. 1881.
- Commelina paludosa* Bl. var. *viscida* (C.B. Cl.) Rolla Rao & Kammathy in Bull. Bot. Surv. India 3: 168. 1961. Throughout India.
- Commelina paleata* Hassk. in Miq., Pl. Jungh. 2: 139. 1852; Hook. f., Fl. Brit. India 6: 372. 1892. Peninsular India.
- Commelina alkkimensis* C.B.C., Commel. & Cyrt. Beng. 16. 1874 & in DC., Monogr. Phan. 3: 147. 1881; Hook. f., Fl. Brit. India 6: 369. 1892. N.E. India, E. Himalaya.

Commelina subulata Roth, Nov. Pl. Sp. 23. 1821; Hook. f., Fl. Brit. India 6: 369. 1892. Peninsular India.

Commelina suffruticosa Bl., Enum. Pl. Jav. 1: 3. 1827; Hook. f., Fl. Brit. India 6: 374. 1892. C., N., E. & N.E. India.

Commelina tricolor Barnes in J. Bombay nat. Hist. Soc. 49: 79. 1949. Tamil Nadu (Nilgiris).

Commelina tuberosa L., Sp. Pl. 41. 1753; Bailey, Stand. Cyc. Hort. 1: 836. 1958.

Commelina coelestis Willd., Enum. Hort. Berol. 69. 1806; Hook. f., Fl. Brit. India 6: 369. 1892. N., N.W. & E. India.

Commelina wightii Rolla Rao in Bull. Bot. Surv. India 3: 168. 1961.

Heterocarpus glaber Wight, Ic. t. 2067. 1854.

Commelina glabra (Wight) C.B. Cl. in DC., Monogr. Phan. 3: 163. 1881 non Meyer, 1818. Peninsular India.

CYANOTIS D. Don, Prodr. Fl. Nepal. 45. 1825 (nom. cons.).

Cyanotis arachnoidea C.B. Cl. in DC., Monogr. Phan. 3: 250. 1881; Hook. f., Fl. Brit. India 6: 386. 1892.

Peninsular India.

Cyanotis arcotensis Rolla Rao in Blumea 14: 345. 1967.

Cyanotis papilionacea C.B. Cl. in DC., Monogr. Phan. 3: 246. 1881, p.p. non (L.) R. & S. 1830. S. India.

Cyanotis burmanniana Wight, Ic. t. 2089. 1853.

Cyanotis papilionacea var. *burmanniana* (Wight) C.B. Cl. in DC., Monogr. Phan. 3: 246. 1881; Hook. f., Fl. Brit. India 6: 385. 1892. S. India.

Cyanotis concanensis Hassk., Commel. Ind. 114. 1870; Rolla Rao in Blumea 14: 348. 1966.

Cyanotis stocksii Hassk., Commel. Ind. 114. 1870.

Cyanotis sahyadrica Blatt. in J. Bombay nat. Hist. Soc. 33: 77. 1929.

Peninsular India.

Cyanotis cerifolia Rolla Rao & Kammathy in J. Linn. Soc. 59: 306. 1966. S. India.

Cyanotis cristata (L.) D. Don, Prodr. Fl. Nepal. 46. 1825; Hook. f., Fl. Brit. India 6: 385. 1892.

Tradescantia cristata L., Sp. Pl. 42. 1753. Throughout tropical India.

Cyanotis fasciculata (Heyne ex Roth) J.A. & J.H. Schult. in R. & S., Syst. Nat. 7: 1152. 1830; Hook. f., Fl. Brit. India 6: 387. 1892.

Tradescantia fasciculata Heyne ex Roth, Nov. Sp. 189. 1821.

var. *fasciculata*. Peninsular & N.E. India; Bhutan.

var. *glabrescens* C.B. Cl. in DC., Monogr. Phan. 3: 253. 1881; Cooke, Fl. Pres. Bombay 2: 794. 1907 (3: 304. 1967, Repr. ed.). Peninsular India.

Cyanotis karliana Hassk., Commel. Ind. 146. 1870; Hook. f., Fl. Brit. India 6: 389. 1892. Peninsular India.

Cyanotis nilagirica Hassk., Commel. Ind. 127. 1870; Hook. f., Fl. Brit. India 6: 389. 1892. Tamil Nadu (Nilgiris).

Cyanotis obtusa Trin., Handb. Fl. Ceylon 4: 312, t. 94. 1898; Rolla Rao in Blumea 14: 349. 1966.

Cyanotis arachnoidea sensu Hook. f., Ic. p.p. non C.B. Cl. 1881. Peninsular India.

Cyanotis papilionacea (L.) R. & S., Syst. Veg. 7: 1151. 1830; Hook. f., Fl. Brit. India 6: 384. 1892.

Tradescantia papilionacea L., Mant. 573. 1771.

var. *papilionacea*. Peninsular India.

var. *vaginata* (Wight) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1549. 1931 (3: 1081. 1967, Repr. ed.).

Cyanotis vaginata Wight, Ic. t. 2088. 1853. S. India.

Cyanotis pilosa Schult. f. in R. & S., Syst. Veg. 7: 1155. 1830; Hook. f., Fl. Brit. India 6: 387. 1892.

Cyanotis wightii C.B. Cl. in DC., Monogr. Phan. 3: 250. 1881; Hook. f., Fl. Brit. India 6: 386. 1892.

Peninsular India.

Cyanotis thwaitesii Hassk., Commel. Ind. 136. 1870.

Cyanotis fasciculata (Heyne ex Roth) J.A. & J.H. Schult. var. *thwaitesii* (Hassk.) C.B.Cl. in DC., Monogr. Phan. 3: 254. 1881.

Cyanotis arachnoidea C.B. Cl. var. *thwaitesii* (Hassk.) Rolla Rao & Kammathy in Bull. Bot. Surv. India 6: 2. 1964.

Peninsular India.

Cyanotis tuberosa (Roxb.) J.A. & J.H. Schult. in R. & S., Syst. Veg. 7: 1153. 1830; Hook. f., Fl. Brit. India 6: 386. 1892.

Tradescantia tuberosa Roxb., Pl. Cor. 2: t. 108. 1799 & Fl. Ind. 2: 19. 1832.

var. *tuberosa*.

Peninsular India.

var. *adscendens* (Dalz.) C.B. Cl. in DC., Monogr. Phan. 3: 249. 1881; Hook. f., *l.c.*

Cyanotis adscendens Dalz. in Hook., J. Bot. 343. 1852.

Cyanotis sarmentosus Wight, Ic. t. 2087. 1853.

Peninsular, N. & E. India.

Cyanotis vaga (Lour.) J.A. & J.H. Schult. in R. & S., Syst. Veg. 7: 1153. 1830; Rolla Rao in Notes R.B.G. Edinb. 25: 186. 1965.

Tradescantia vaga Lour., Fl. Cochinch. 193. 1790.

Cyanotis barbata D. Don, Prodr. Fl. Nepal. 46. 1825; Hook. f., Fl. Brit. India 6: 385. 1892.

Subtropical Himalaya.

Cyanotis villosa (Spr.) J.A. & J.H. Schult. in R. & S., Syst. Veg. 7: 1155. 1830; Hook. f., Fl. Brit. India 6: 387. 1892.

Tradescantia villosa Spr. in L., Syst. Veg. ed. 16, 2: 116. 1825.

Peninsular India.

DICTYOSPERMUM Wight, Ic. 6: 29. 1853.

Dictyospermum montanum Wight, Ic. t. 2069. 1853; Morton in J. Linn. Soc. 59: 4. 1966.

Aneilema montanum (Wight) Hook. f. ex C.B.Cl. in DC., Monogr. Phan. 3: 217. 1881; Hook. f., Fl. Brit. India 6: 381. 1892.

S. & N.E. India.

Dictyospermum ovalifolium Wight, Ic. t. 2070. 1853; Morton in J. Linn. Soc. 59: 435. 1966.

Aneilema ovalifolium (Wight) Hook. f. ex C.B.Cl. in DC., Monogr. Phan. 3: 218. 1881; Hook. f., Fl. Brit. India 6: 382. 1892.

Aneilema hallbergii Blatt. in J. Bombay nat. Hist. Soc. 33: 74. 1929.

Peninsular & N.E. India.

FLOSCOPA Lour., Fl. Cochinch. 189, 192. 1790.

Floscopa scandens Lour., Fl. Cochinch. 193. 1790; Hook. f., Fl. Brit. India 6: 390. 1892.

Throughout tropical India.

MURDANNIA Royle, III, Bot. Himal. t. 95. 1839 (nom. cons.).

Murdannia blumei (Hassk.) Brennan in Kew Bull. 1952: 179. 1953; Rolla Rao in Notes R.B.G. Edinb. 25: 183. 1965.

Dichospermum blumei Hassk., Commel. Ind. 41. 1870.

Aneilema hamiltonianum Wall. ex C.B.Cl. in DC., Monogr. Phan. 3: 213. 1881; Hook. f., Fl. Brit. India 6: 380. 1892.

Aneilema terminalis (Bl.) Haines, Bot. Bih. Orisse 1080. 1924 (3: 1129. 1961, Repr. ed.).

Murdannia hamiltoniana (Wall. ex C.B.Cl.) Brueck. in Engl. & Prapfl, Pflanzenf. ed. 2, 15a: 173. 1930.

Aneilema blumei (Hassk.) Bakh. f. in Blumea 6: 398. 1950.

Murdannia terminalis (Bl.) Ruiz. in Indian Forester 84: 499. 1958.

Tradescantia terminalis Bl., Enum. Pl. Jav. 1: 6. 1827.

N., E. & N.E. India.

Murdannia crocea (Griff.) Faden in Kew Bull. 32: 188. 1977.

Aneilema crocea Griff., Notul. t. 235. 1851.

Aneilema ochraceum (Hassk.) Dalz. var. *crocea* (Griff.) C.B. Cl. in DC., Monogr. Phan. 3: 214. 1881; Hook. f., Fl. Brit. India 6: 380. 1892.

ssp. *crocea*.

Andaman & Nicobar Islands.

ssp. *ochracea* (Hassk.) Faden in Kew Bull. 32: 188. 1977.

Dichaospermum ochraceum Hassk., Commel. Ind. 41. 1870.

Murdannia ochracea (Hassk.) Brueck. in Engl. & Prantl, Pflanzenfam. 2, 15a: 173. 1930.

Aneilema ochraceum (Hassk.) Dalz. in Hook., J. Bot. 3: 135. 1851; Hook. f., l.c. Peninsular India.

Murdannia dimorpha (Dalz.) Brueck. in Engl. & Prantl, Pflanzenfam. ed. 2, 15a: 173. 1930.

Aneilema dimorphum Dalz. in Hook., J. Bot. 138. 1851; Hook. f., Fl. Brit. India 6: 377. 1892.

Peninsular India.

Murdannia divergens (C.B. Cl.) Brueck. in Engl. & Prantl, Pflanzenfam. ed. 2, 15a: 173. 1930.

Aneilema herbaceum var. *divergens* C.B.Cl. in J. Linn. Soc. 6: 448. 1871.

Aneilema divergens (C.B.Cl.) C.B.Cl., Commel. & Cyt. Beng. t. 16. 1874 & in DC., Monogr. Phan. 3: 203. 1881; Hook. f., Fl. Brit. India 6: 376. 1892.

Tropical and subtropical Himalaya, N.E. India.

Murdannia edulis (Stokes) Faden in Taxon 29: 77. 1980.

Commelina edulis Stokes, Bot. Materia Med. 1: 184. 1812.

Aneilema loureirii Hance in Seem., J. Bot. 250. 1868.

Murdannia loureirii (Hance) Rolla Rao & Kammathy in Notes R.B.G. Edinb. 25:184. 1964.

Commelina scapiflora Roxb., Fl. Ind. 1: 178. 1820.

Murdannia scapiflora (Roxb.) Royle, Ill. Bot. Himal. 403, t. 95. 1839.

Aneilema scapiflorum (Roxb.) Kostel, Allg. Med. Pharm. Fl. 1: 127. 1831; Hook. f., Fl. Brit. India 6: 375. 1892.

Throughout India.

Murdannia esculenta (Wall. ex C.B.Cl.) Rolla Rao & Kammathy in Bull. Bot. Surv. India 3: 394. 1961.

Aneilema esculentum Wall. ex C.B.Cl. in DC., Monogr. Phan. 3: 206. 1881; Hook. f., Fl. Brit. India 6: 377. 1892.

Aneilema pulneyensis Fyson in Kew Bull. 1914: 332. 1914.

S. India.

Murdannia gigantea (Vahl) Brueck. in Engl. & Prantl, Pflanzenfam. ed. 2, 15a: 173. 1930.

Commelina gigantea Vahl, Enum. Pl. 2: 177. 1806.

Aneilema giganteum (Vahl) R. Br., Prodr. 271. 1810; Hook. f., Fl. Brit. India 6: 379. 1892.

Peninsular & N.E. India; Andaman & Nicobar Islands.

Murdannia glauca (Thw. ex C.B. Cl.) Brueck. in Engl. & Prantl, Pflanzenfam. ed. 2, 15a: 173. 1930.

Aneilema glaucum Thw. ex C.B. Cl. in DC., Monogr. Phan. 3: 200. 1881; Hook. f., Fl. Brit. India 6: 375. 1892.

S. India.

Murdannia hookeri (C.B.Cl.) Brueck. in Engl. & Prantl, Pflanzenfam. ed. 2, 15a: 173. 1930.

Aneilema hookeri C.B.Cl., Commel. & Cyt. Beng. t. 171. 1874 & in DC., Monogr. Phan. 3: 204. 1881; Hook. f., Fl. Brit. India 6: 376. 1892.

N.E. India.

Murdannia japonica (Thunb.) Faden in Taxon 26: 142. 1977.

Commelina japonica Thunb. in Trans. Linn. Soc., London 2: 332. 1794.

Aneilema lineolatum Kunth, Enum. Pl. 4: 69. 1843; Hook. f., Fl. Brit. India 6: 376. 1892.

Commelina elata Vahl, Enum. Pl. 2: 178. 1806.

Murdannia elata (Vahl) Brueck. in Engl. & Prantl, Pflanzenfam. ed. 2, 15a: 173. 1930.

Throughout India.

Murdannia juncoides (Wight) Rolla Rao & Kammathy in Bull. Bot. Surv. India 6: 3. 1964.

- Dichaspermum juncoides* Wight, Ic. t. 2078, 1853.
- Aneilema paniculatum* Wall. ex C.B.Cl. in DC., Monogr. Phan. 3: 215. 1881; Hook. f., Fl. Brit. India 6: 381. 1892, p.p.
- Murdannia semiteres* sensu Sant. in Poona Agric. Coll. Mag. 4: 284. 1951, p.p.
Peninsular India.
- Murdannia keisak* (Hassk.) Hand.-Mazz., Symb. Sin. 7: 1243. 1936; Hara in J. Jap. Bot. 28: 64. 1953.
- Aneilema keisak* Hassk., Commel. Ind. 32. 1870.
Nepal.
- Murdannia lanceolata* (Wight) Kammathy in Bull. Bot. Surv. India 24: 206. (1982) 1983.
- Dichaspermum lanceolatum* Wight, Ic. t. 2078, f. 1. 1853.
- Aneilema koenigii* Wall. ex C.B.Cl. in DC., Monogr. Phan. 3: 215. 1881; Hook. f., Fl. Brit. India 6: 381. 1892.
- Murdannia koenigii* (Wall. ex C.B.Cl.) Brueck. in Engl. & Prantl, Pflanzenfam. ed. 2, 15a: 173. 1930.
Peninsular India.
- Murdannia lanuginosa* (Wall. ex C.B. Cl.) Brueck. in Engl. & Prantl, Pflanzenfam. ed. 2, 15a: 173. 1930.
- Aneilema lanuginosum* Wall. ex C.B.Cl. in DC., Monogr. Phan. 3: 214. 1881; Hook. f., Fl. Brit. India 6: 380. 1892.
- Aneilema siennea* Blatt. in J. Bombay nat. Hist. Soc. 33: 75. 1928.
- Murdannia siennea* (Blatt.) Raiz. in Indian Forester 84: 499. 1958.
Peninsular India.
- Murdannia loriformis* (Hassk.) Rolla Rao & Kammathy in Bull. Bot. Surv. India 3: 393. 1961.
- Aneilema loriforme* Hassk. in Miq., Pl. Jungh. 143. 1852.
- Aneilema nudiflorum* var. *terminalis* (Wight) C.B. Cl., Commel. & Cyrt. Beng. 211. 1874; Hook. f., Fl. Brit. India 6: 379. 1892.
- Aneilema terminale* Wight, Ic. t. 2076. 1853.
- Murdannia malabarica* (L.) Brueck. var. *terminalis* (Wight) Sant. & Jain in Indian Forester 92: 643. 1966.
Peninsular & N.E. India; Bhutan.
- Murdannia nudiflora* (L.) Brennan in Kew Bull. 1952: 189. 1952.
- Commelina nudiflora* L., Mant. 177. 1771 (non Sp. Pl. 41. 1753).
- Tradescantia malabarica* L., Sp. Pl. ed. 2, 412. 1762.
- Aneilema nudiflorum* (L.) R. Br., Prodr. 271. 1810; Hook. f., Fl. Brit. India 6: 378. 1892.
- Aneilema compressa* Dalz. in Hook., Kew J. Bot. 3: 138. 1851.
- Aneilema nudiflorum* var. *compressa* (Dalz.) C.B. Cl. in DC., Monogr. Phan. 3: 211. 1881.
- Murdannia malabarica* (L.) Brueck. in Engl. & Prantl, Pflanzenfam. ed. 2, 15a: 173. 1930.
- Phaeneilema malabaricum* (L.) Naryanasw. & Biswas in Indian For. Rec. (n.s.) Bot. 3: 55. 1941.
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Throughout India.
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- Aneilema semiteres* Dalz. in Hook., Kew J. Bot. 3: 138. 1851.
- Aneilema paniculatum* Wall. ex C.B. Cl. in DC., Monogr. Phan. 3: 215. 1881 non Wight, 1853; Hook. f., Fl. Brit. India 6: 351. 1892.
- Commelina nimmoniana* Grah., Cat. Bombay Pl. 224. 1839; Hook. f., Ic. 374.
Peninsular India.
- Murdannia simplex* (Vahl) Brennan in Kew Bull. 1952: 186. 1952.
- Commelina simplex* Vahl, Enum. Pl. 2: 177. 1806.
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- Aneilema rigidum* Blatt. in J. Bombay nat. Hist. Soc. 33: 73. 1929.
Peninsular & N.E. India.

Halodule uninervis (Forssk.) Aschers. in Boiss., Fl. Orient. 5: 24. 1882; Hartog in Blumea 12: 297. 1964.

Zostera uninervis Forssk., Fl. Aeg.-Arab. cxx, 157. 1775.

Diplanthera uninervis (Forssk.) Aschers. in Engl. & Prantl, Pflanzenfam. 1: 37. 1897. Andaman & Nicobar Islands.

SYRINGODIUM Kuetz. in Hohen., Alg. Marin. Sicc. 9, n. 426. 1860.

Syringodium isoetifolium (Aschers.) Dandy in J. Bot., London 77: 116. 1939.

Cymodocea isoetifolia Aschers. in Sitzb. Ges. Naturf. Fr. Berl. 3. 1867; Hook. f., Fl. Brit. India 6: 570. 1893. Tamil Nadu Coast, Andaman & Nicobar Islands.

THALASSODENDRON Hartog in Verh. Kon. Ned. Akad. Wet., Afd. Naturk., Tweede Sect. 59: 186. 1970.

Thalassodendron ciliatum (Forssk.) Hartog, Sea Grasses. World 188. 1970.

Zostera ciliata Forssk., Fl. Aeg.-Arab. 157. 1775.

Cymodocea ciliata (Forssk.) Ehrenb. ex Aschers. in Sitzb. Ges. Naturf. Fr. Berl. 3. 1867; Hook. f., Fl. Brit. India 6: 570. 1893. Andaman & Nicobar Islands.

CYPERACEAE

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Anosporum cephalotes (Vahl) Kurz in J. Asiat. Soc. Beng. 65: 159. 1876; Lye in Nord. J. Bot. 1: 186. 1981.

Cyperus cephalotes Vahl, Enum. Pl. 2: 311. 1805; C.B.Cl. in Hook. f., Fl. Brit. India 6: 597. 1893.

S., C., E. & N.E. India, Andaman & Nicobar Islands.

ASCOPHOLIS C.E.C. Fischer in Bull. Misc. Inf. 1931: 104. 1931.

Ascopholis gamblei C.E.C. Fischer in Bull. Misc. Inf. 1931: 105. 1931 & in Hook. f. Pl. 32: t. 3183. 1933. Tamil Nadu (Nilgiris).

BAEOTHRYON A. Dietr., Sp. Pl. 2: 89. 1833.

Baeothryon pumillum (Vahl) T. Koyama in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 97. 1978.

Scirpus pumilus Vahl, Enum. Pl. 2: 243. 1806. C. to W. Himalaya.

Baeothryon subcapitatum (Thw.) T. Koyama, Fl. Taiwan 5: 205. 1978.

Scirpus subcapitatus Thw., Enum. Pl. Zeyl. 351. 1864; C.B. Cl. in Hook. f., Fl. Brit. India 6: 661. 1893. S. & N. India.

BLYSMUS Panz. ex J.A. Schultes in J.A. & J.H. Schultes, Mant. 2: 41. 1824.

Blysmus compressus (L.) Panz. ex Link, Hort. Bot. Berol. 1: 278. 1827.

Schoenus compressus L., Sp. Pl. 43. 1753.

Scirpus planifolius Grimm. in Nov. Act. Cur. 3: App. 259. 1767.

Scirpus caricis Retz., Fl. Scand. 11. 1799; C.B. Cl. in Hook. f., Fl. Brit. India 6: 660. 1893.

var. *compressus*.
C. to W. Himalaya.

var. *brevifolia* (Decne.) Karthik. *comb. nov.*

Scirpus brevifolia Decne. in Jacquem., Voy. Bot. 173, t. 173. 1844.

Scirpus caricis Retz. var. *brevifolia* (Decne.) C.B. Cl. in Hook. f., Fl. Brit. India 6: 660. 1893. W. Himalaya.

var. *dissita* (Duthie) Karthik. *comb. nov.*

Scirpus dissita Duthie in Saharanpore Report. 1885.

Scirpus caricis Retz. var. *dissita* (Duthie) C.B.Cl. in Hook. f., Fl. Brit. India 6: 661. 1893. W. Himalaya.

var. *shikimensis* (C.B.Cl.) Karthik. *comb. nov.*

Scirpus caricis Retz. var. *sikkimensis* C.B.Cl. in Hook. f., Fl. Brit. India 6: 661. 1893.
E. Himalaya.

BULBOSTYLIS Kunth, Enum. Pl. 2: 205. 1837.

Bulbostylis barbata (Rottb.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 651. 1893.

Scirpus barbatus Rottb., Progr. 27. 1772 & Descr. Ic. Pl. 52, t. 17, f. 4. 1773.

Stenophyllus barbata (Rottb.) T. Cooke, Fl. Pres. Bombay 2: 887, 1908 (3: 401. 1967, Repr. ed.).

Fimbristylis barbata (Rottb.) Bth., Fl. Austr. 7: 321. 1878.

var. *barbata*.
Throughout India.

var. *pulchella* (Thw.) C.B. Cl. in Hook. f., Fl. Brit. India 6: 652. 1893.

Isolepis pulchella Thw., Enum. Pl. Zeyl. 350. 1864.
S. India.

Bulbostylis densa (Wall.) Hand.-Mazz. in Karsten & Schenk, Vegetationsb. 20 (7): 16. 1930; Kern in Reinwardtia 6: 51. 1961.

Scirpus densus Wall. in Roxb., Fl. Ind. 1: 231. 1820.

Isolepis trifida Nees in Wight, Contr. Bot. Ind. 108. 1834.

Bulbostylis capillaris Kunth var. *trifida* (Nees) C.B.Cl. in Hook. f., Fl. Brit. India 6: 652. 1893.

Bulbostylis trifida (Nees) Nelmes in Kew Bull. 1950: 209. 1950.

Fimbristylis capillaris var. *trifida* (Nees) Mitra, Fl. Pl. E. India 1: 108. 1958.
Throughout India.

Bulbostylis puberula (Poir.) C.B. Cl. in Hook. f., Fl. Brit. India 6: 652. 1893; Kern in Reinwardtia 6: 51. 1962.

Scirpus puberulus Poir. in Lam., Encycl. 6: 167. 1804.

var. *puberula*.
Peninsular India.

var. *gracilis* C.E.C. Fischer in Gamble, Fl. Pres. Madras 1662. 1931 (3: 1153. 1967 Repr. ed.)

Peninsular & C. India.

Bulbostylis subspinescens C.B.Cl. in Hook. f., Fl. Brit. India 6: 652. 1893.
E. India.

Bulbostylis swamyi Govind. in Proc. Indian Acad. Sci. (Plant Sci.) 94: 11, f. 1, a-g. 1985.
Tamil Nadu.

CAREX L., Sp. Pl. 972. 1753.

Carex acutiformis Ehrh., Beitr. 4: 43. 1789; C.B. Cl. in Hook. f., Fl. Brit. India 6: 740. 1894.
W. Himalaya.

Carex alopecuroides D. Don ex Tilloch & Taylor in Phil. Mag. 62: 455. 1823; Mabblerley in Taxon 29: 603. 1980.

Carex japonica Thunb. var. *alopecuroides* (D. Don ex Tilloch & Taylor) C.B. Cl. in Hook. f., Fl. Brit. India 6: 737. 1894.
E. Himalaya.

Carex alpina Sw. in Liljeb. Svensk. Fl. ed. 2. 26. 1798; C.B. Cl. in Hook. f., Fl. Brit. India 6: 730. 1894.

var. *alpina*.
Himalaya.

var. *erostata* Boott, Illustr. 3: 71, t. 194, f. 2. 1862; C.B.Cl. in Hook. f., l.c.

Carex alpina Sw. asp. *infusata* Nees var. *erostata* (Boott) Kuekenh. in Engl., Pflanzenr. 38: 386. 1909.
W. Himalaya.

Carex alsia Raymond, Symb. Afghan. 6: 23. 1965; R.R. Stewart in Bull. Bot. Surv. India 9: 152.(1967) 1968.
N.W. Himalaya.

Carex alta Boott in Proc. Linn. Soc. 1: 254. 1845; C.B.Cl. in Hook. f., Fl. Brit. India 6: 707. 1894.
E. Himalaya, N.E. India.

Carex aristata D. Don ex Tilloch. & Taylor in Phil. Mag. 62: 455. 1823; Mabblerley in Taxon 29: 603. 1980.

Carex setigera D. Don in Trans. Linn. Soc. 14: 330. 1824; C.B.Cl. in Hook. f., Fl. Brit. India 6: 743. 1894.
Himalaya.

Carex agraeol D.M. Verma in J. Econ. Tax. Bot. 7: 606, F.7. 1985.
Nagaland.

Carex atrata L., Sp. Pl. 1387. 1753; C.B. Cl. in Hook. f., Fl. Brit. India 6: 731. 1894.

var. *atrata*.

Himalaya.

var. *glacialis* Boott, Illustr. 3: 114, t. 365. 1862.

Carex duthiei C.B.Cl. var. *glacialis* (Boott) C.B.Cl. in Hook. f., l.c. 732.

E. Himalaya.

var. *pullata* Boott, Illustr. 3: 114, t. 364. 1862.

Carex duthiei C.B.Cl. in Hook. f., l.c. 731.

Carex atrata L. ssp. *pullata* (Boott) Kuekenh. in Engl., Pflanzenz. 38: 400. 1909.

Himalaya.

Carex atrofurfur T. Koyama in Acta Phytotax.-Geobot. 16: 166. 1956; R.R. Stewart in Bull. Bot. Surv. India 9: 152. (1967) 1968.

N.W. Himalaya.

Carex atrofusca Schkuhr., Riedgr. 1: 106, f. 82. 1801; R.R. Stewart, Annot. Catal. Fl. Pl. W. Pak. Kashmir 74. 1972.

ssp. *atrofusca*.

Himalaya.

ssp. *minor* (Boott) T. Koyama in Ohashi, Fl. E. Himal. 3: 122. 1975.

Carex ustulata Wahlenb. var. *minor* Boott, Illustr. 1: 71, t. 194, f. 1. 1858.

Carex ustulata sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 734. 1894 non Wahlenb. 1803.

Carex atrofusca var. *angustifructus* Kuekenh. in Engl., Pflanzenz. 38: 554. 1909.

Himalaya.

Carex baccans Nees in Wight, Contrib. Bot. Ind. 122. 1834; C.B. Cl. in Hook. f., Fl. Brit. India 6: 722. 1894.

var. *baccans*.

Peninsular & C. India, E. to C. Himalaya.

var. *siccifructus* C.B. Cl. in Hook. f., Fl. Brit. India 6: 723. 1894.

E. Himalaya.

Carex bhutanica T. Koyama in Natur. Canad. 538: 1. 1961.

Bhutan.

Carex bigelowii Torr. ex Schweinitz in Ann. Lyc. New York 1: 67. 1824; T. Koyama in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 101. 1978.

Carex rigida Gooden. in Trans. Linn. Soc. 2: 193, t. 22, f. 10. 1794 non Schrank. 1789.

Alpine Himalaya.

Carex borli Nelmes in Kew Bull. 1949: 38. 1949.

f. *borli*.

N.W. Himalaya.

f. *tutea* R.R. Stewart in Bull. Bot. Surv. India 9: 152. (1967) 1968.

N.W. Himalaya.

Carex breviculmis R. Br., Prodr. 242. 1810.

N.E. India; E. to C. Himalaya.

Carex brownii Tuckerm., Enum. Meth. 21. 1843; Neelam in J. Econ. Tax. Bot. 5: 487. 1984.

N.W. Himalaya.

Carex brunnea Thunb., Fl. Jap. 38. 1784; C.B.Cl. in Hook. f., Fl. Brit. India 6: 705. 1894.

S. India, Himalaya.

Carex canescens L., Sp. Pl. 1383. 1753; C.B. Cl. in Hook. f., Fl. Brit. India 6: 706. 1894.

var. *canescens*.

N.W. Himalaya.

var. *maxima* Kuekenh. in Engl., Pflanzenz. 38: 218. 1909.

N.W. Himalaya.

Carex capillacea Boott, Illustr. 1: 44, t. 110. 1858; C.B. Cl. in Hook. f., Fl. Brit. India 6: 713. 1894.

Himalaya.

Carex cardolepis Nees in Wight, Contrib. Bot. Ind. 127. 1834; C.B. Cl. in Hook. f., Fl. Brit. India 6: 744. 1894.

W. Himalaya.

Carex caricina (D. Don) Ghildyal & Bhattacharyya in J. Econ. Tax. Bot. 7: 602. 1985.

Carex caricina (D. Don) Ghildyal & Bhattacharyya in J. Econ. Tax. Bot. 7: 602. 1985.

Cyperus caricinus D. Don, Prodr. Fl. Nepal. 39. 1825.

- Carex filicina* Nees in Wight, Contrib. Bot. Ind. 23. 1834 (incl. var. *meiogyne* (Nees) Strachey.)
- Carex nilagirica* Steud., Syn. Cyp. 207. 1855.
- Carex continua* C.B. Cl. in Hook. f., Fl. Brit. India 6: 717. 1894 p.p. (*Pro syn.*)
- var. *caricina*.
Throughout India.
- var. *glaucina* (Boeck.) Ghildyal & Bhattacharyya in J. Econ. Tax. Bot. 7: 602. 1985.
- Carex glaucina* Boeck. in Linnæa 40: 353. 1876.
- Carex filicina* var. *glaucina* (Boeck.) Kuekenh. in Engl., Pflanzenr. 38: 274. 1909.
- Carex mercarensis* sensu C.B. Cl. in Hook. f., Fl. Brit. India 6: 719. 1894 p.p. non Hochst. ex Steud. 1855.
- Carex mercarensis* var. *major* Steud., Syn. Cyp. 194. 1855; C.B. Cl. in Hook. f. *l.c.*
- Carex lindleyana* Nees var. *major* (Steud.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1687. 1931 (3: 1169. 1967, Repr. ed.).
Peninsular India.
- var. *leptocarpus* (C.B.Cl.) Ghildyal & Bhattacharyya in J. Econ. Tax. Bot. 7: 602. 1985.
- Carex leptocarpus* C.B.Cl. in Hook. f., Fl. Brit. India 6: 719. 1894.
- Carex filicina* var. *leptocarpus* (C.B.Cl.) Kuekenh. in Engl., Pflanzenr. 38: 274. 1909.
N.E. India.
- var. *microgyne* (C.B.Cl.) Karthik. *comb. nov.*
- Carex filicina* var. *microgyne* C.B.Cl. in Hook. f., Fl. Brit. India 6: 718. 1894.
S. India.
- var. *minor* Ghildyal & Bhattacharyya in J. Econ. Tax. Bot. 7: 602. 1985.
- Carex filicina* var. *minor* Boott, Illustr. 3: 106, t. 317 & 318. 1862; C.B. Cl. in Hook. f. *l.c.*
E. Himalaya.
- Carex christii* Boeck., Bot. Centralbl. 42: 134. 1890; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1685. 1931 (3: 1168. 1967, Repr. ed.).
Tamil Nadu (Nilgiris).
- Carex composita* Boott, Illustr. 1: 3, t. 8. 1858; C.B. Cl. in Hook. f., Fl. Brit. India 6: 724. 1894.
- f. *composita*.
E. Himalaya.
- f. *simplicior* Kuekenh. in Engl., Pflanzenr. 38: 260. 1909; A.S. Rao & Verma, Cyp. N.E. India 77. 1982.
N.E. India.
- Carex continua* C.B.Cl. in Hook. f., Fl. Brit. India 6: 717. 1894.
Himalaya.
- Carex cruciata* Wahlenb. in Kongl. Vetensk. Acad. Handl. Stockh. 24: 149. 1803; C.B.Cl. in Hook. f., Fl. Brit. India 6: 715. 1894; Nelmes in Reinwardtia 1: 277. 1951.
- Carex condensata* Nees in Wight, Contrib. Bot. Ind. 123. 1834; C.B. Cl. in Hook. f., *l.c.* 716.
- var. *cruciata*.
Peninsular, C. & N.E. India, Himalaya, Andaman & Nicobar Islands.
- var. *argocarpus* C.B.Cl. in Hook. f., Fl. Brit. India 6: 716. 1894.
E. Himalaya.
- var. *nagpurensis* C.B.Cl. in Hook. f., Fl. Brit. India 6: 716. 1894.
E. India.
- Carex cruenta* Nees in Wight, Contrib. Bot. Ind. 128. 1834; C.B. Cl. in Hook. f., Fl. Brit. India 6: 734. 1894.
- Carex ferruginea* sensu C.B.Cl. in Hook. f., *l.c.* 738 non Scop. 1772.
Himalaya.
- Carex cryptostachys* Brongn. in Duperry, Voy. 'La Coquille' Bot. Phan. 152, t. 25. 1828 ("cyrtostachys"), Balakr. in Bull. Bot. Surv. India 24: 65. (1982) 1983.
Andaman & Nicobar Islands.
- Carex curalca* Kunth, Enum. Pl. 2: 375. 1837; C.B. Cl. in Hook. f., Fl. Brit. India 6: 702. 1894.
N.W. Himalaya.
- Carex curta* Gooden. in Trans. Linn. Soc. 2: 145. 1794; R.R. Stewart in Bull. Bot. Surv. India 9: 152. (1967) 1968.
N.W. Himalaya.
- Carex daltoni* Boott, Illustr. 1: 5, t. 16. 1858; C.B. Cl. in Hook. f., Fl. Brit. India 6: 727. 1894.
C. to E. Himalaya.

Carex decora Boott, Illustr. 1: 5, t. 15. 1858; C.B. Cl. in Hook. f., Fl. Brit. India 6: 725. 1894.

C. to E. Himalaya.

Carex desponsa Boott, Illustr. 2: 82, t. 228. 1860; C.B. Cl. in Hook. f., Fl. Brit. India 6: 724. 1894.

Himalaya.

Carex diandra Schrank in Acta Acad. Mogunt. 49. 1782; R.R. Stewart in Bull. Bot. Surv. India 9: 152. (1967) 1968.

Carex teretiuscula Gooden. in Trans. Linn. Soc. 2: 163. 1794 (excl. tab. cited); C.B. Cl. in Hook. f., Fl. Brit. India 6: 704. 1894.

N.W. Himalaya.

Carex dietrichiae Boeck. in Flora 58: 122. 1875; Nelmes in Reinwardtia 1: 273. 1951.

India?

Carex diluta M. Bieb., Fl. Taur. Caucas. 2: 388. 1808 & 3: 614. 1819; C.B. Cl. in Hook. f., Fl. Brit. India 6: 737. 1894.

N.W. to C. Himalaya.

Carex dimorpholepis Steud., Syn. Pl. Glum. 1: 214. 1855; Nelmes in Kew Bull. 1946: 28. 1946.

Carex cernua Boott, Illustr. 4: 171, t. 578. 1867; C.B. Cl. in Hook. f., Fl. Brit. India 6: 708. 1894.

N. India, Himalaya.

Carex dispalata Boott ex A. Gray ssp. laxiflorens T. Koyama in Bot. Mag. Tokyo 86: 275. 1973.

Nepal.

Carex distracta C.B.Cl. in Hook. f., Fl. Brit. India 6: 715. 1894.

N.E. India.

Carex divisa Huds., Fl. Angl. 348. 1762; C.B.Cl. in Hook. f., Fl. Brit. India 6: 701. 1894.

E. Himalaya.

Carex doniana Spr., Syst. 3: 825. 1826; Nelmes in Kew Bull. 1949: 391. 1949 & 1: 399. 1951.

Carex japonica sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 736. 1894 *p.p.* non Thuob. 1764.

Carex chlorostachys D. Don in Trans. Linn. Soc. 14: 330. 1825 *non* Steven 1813.

Carex japonica ssp. *chlorostachys* T. Koyama in Hara. Fl. E. Himal. 382. 1966.

C. to E. Himalaya, N.E. India.

Carex ecostata C.B. Cl. in Hook. f., Fl. Brit. India 6: 720. 1894.

N.E. India.

Carex eleusinoides Turcz. ex Kunth, Enum. Pl. 2: 407. 1837; A.S. Rao & Verma in Bull. Bot. Surv. India 22: 81. (1980) 1982.

E. Himalaya, N.E. India.

Carex fastigiata Franch. in Bull. Soc. Philom. Paris 8,7: 35. 1895; T. Koyama in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 102. 1978.

Nepal.

Carex fedia Nees in Wight, Contrib. Bot. Ind. 129. 1834; Maheshwari, Fl. Delhi 350. 1963.

Carex wallichiana Presc. ex Nees in Wight, *l.c.* non Spr. 1826; C.B.Cl. in Hook. f., Fl. Brit. India 6: 747. 1894.

W., N. & N.E. India, N.W. Himalaya.

Carex finitima Boott, Illustr. 1: 44, t. 112. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 736. 1894.

Carex finitima var. *attenuata* C.B.Cl. in Hook. f., *l.c.*

N.E. India, C. to E. Himalaya.

Carex fragilis Boott, Illustr. 1: 7, t. 21. 1858; C.B. Cl. in Hook. f., Fl. Brit. India 6: 728. 1894.

E. Himalaya.

Carex fucata Boott ex C.B.Cl. in Hook. f., Fl. Brit. India 6: 710. 1894.

E. to C. Himalaya.

Carex fuscolfructus C.B.Cl. in Hook. f., Fl. Brit. India 6: 742. 1894.

N.W. Himalaya, N.E. India.

Carex fusiformis Nees in Wight, Contrib. Bot. Ind. 128. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 736. 1894.

Temperate Himalaya.

Carex gilesii Nelmes in Kew Bull. 1938: 306. 1939.

N.W. Himalaya.

Carex gracilentia Boott apud Strachey, Cat. Pl. Kumaon 73. 1854.

Carex alpina var. *gracilentia* (Boott) C.B.Cl. in Hook. f., Fl. Brit. India 6: 730. 1894.

- Carex alpina* ssp. *infusca* Nees var. *gracilentia* (Boott) Kuekenh. in Engl. Pflanzenr. 38: 386. 1909.
Himalaya.
- Carex haematostoma* Nees in Wight, Contrib. Bot. Ind. 125. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 744. 1894.
var. *haematostoma*.
Himalaya.
- var. *submacrogyne* Kuekenh. in Engl., Pflanzenr. 38: 561. 1909; R.R. Stewart in Bull. Bot. Surv. India 9: 153. (1967) 1968.
N.W. Himalaya.
- Carex hebecarpa* C.A. Mey. in Petersb. Mem. Sav. Etang. 1: 223, t. 12. 1831; C.B.Cl. in Hook. f., Fl. Brit. India 6: 747. 1894.
var. *hebecarpa*.
C. to E. Himalaya.
- var. *lachnosperma* (Nees) C.B.Cl. in Hook. f., Fl. Brit. India 6: 747. 1894.
- Carex lachnosperma* Nees in Wight, Contrib. Bot. Ind. 124. 1834 (*excl. syn.*).
E. Himalaya.
- var. *ligulata* (Nees) Kuekenh. in Engl., Pflanzenr. 38: 745. 1909.
- Carex ligulata* Nees in Wight, Contrib. Bot. Ind. 127. 1834; C.B.Cl. in Hook. f., *l.c.*
- Carex hebecarpa* ssp. *ligulata* (Nees) T. Koyama in Ohashi, Fl. E. Himal. 3: 123. 1975.
Nilgiris, Himalaya.
- Carex hemineuros* T. Koyama in Bot. Mag. Tokyo 86: 276, f. 1. 1973 & in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 102. 1978.
Nepal.
- Carex heterostachya* Bunge, Enum. Pl. Chin. Bor. 69. 1832; C.B.Cl. in J. Linn. Soc. 36: 289. 1903.
- Carex songorica* Kar. & Kir. in Bull. Soc. Nat. Mosc. 3: 525. 1842; C.B.Cl. in Hook. f., Fl. Brit. India 6: 739. 1894.
N.W. Himalaya.
- Carex himalaka* T. Koyama in Bot. Mag. Tokyo 86: 278, f. 2. 1973 & in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 103. 1978.
Nepal.
- Carex hypobates* Neumes in Kew Bull. 1940: 272. 1940.
N.W. Himalaya.
- Carex Inaequalis* Boott ex C.B.Cl. in Hook. f., Fl. Brit. India 6: 726. 1894 *emend* Kuekenh. in Engl., Pflanzenr. 38: 545. 1909.
Himalaya.
- Carex inanis* Kunth, Enum. Pl. 2: 522. 1837; C.B. Cl. in Hook. f., Fl. Brit. India 6: 743. 1894.
- Carex schlagintweitiana* Boeck., Cyp. Nov. 1: 48. 1888; C.B.Cl. in Hook. f., *l.c.*
- Carex setigera* D. Don var. *schlagintweitiana* (Boeck.) Kuekenh. in Engl., Pflanzenr. 38: 419. 1909.
Himalaya.
- Carex inclinis* Boott ex C.B.Cl. in Hook. f., Fl. Brit. India 6: 728. 1894.
E. Himalaya, Sikkim Terai, Andaman & Nicobar Islands.
- Carex indica* L., Mant. Alt. 2: 574. 1771; C.B.Cl. in Hook. f., Fl. Brit. India 6: 714. 1894.
N.E. India, Sikkim Terai, Nicobars.
- Carex inflata* Huds., Fl. Angl. 354. 1762; R.R. Stewart in Bull. Bot. Surv. India 9: 153. (1967) 1968.
N.W. Himalaya.
- Carex infusca* Nees in Wight, Contrib. Bot. Ind. 125. 1834; T. Koyama in Ohashi, Fl. E. Himal. 3: 124. 1975.
Himalaya.
- Carex insignis* Boott, Illustr. 1: 5, t. 14. 1858; C.B. Cl. in Hook. f., Fl. Brit. India 6: 725. 1894.
C. to E. Himalaya.
- Carex jackiana* Boott in Proc. Linn. Soc. 1: 260. 1846; C.B.Cl. in Hook. f., Fl. Brit. India 6: 735. 1894.
var. *jackiana*.
S. & N.E. India.
- var. *minor* C.B.Cl. in Hook. f., Fl. Brit. India 6: 735. 1894.
Tamil Nadu (Nilgiris).
- Carex karoii* Freyn. in Oest. Bot. Z. 40: 303. 1890; R. R. Stewart in Bull. Bot. Surv. India 9: 153. (1967) 1968.
N. W. Himalaya.

- Carex kashmirensis* C.B.Cl. in Hook. f., Fl. Brit. India 6: 743. 1894.
N.W. Himalaya.
- Carex kumaonensis* Kuekenh. in Engl., Pflanzenr. 38: 544. 1909.
W. to C. Himalaya.
- Carex lachenalii* Schkuhr, Reidgr. 1: 51, t. Y. f. 79. 1801; A. S. Rao & Verma in Bull. Bot. Surv. India 22: 83. 1982.
- Carex cooptanda* C.B.Cl. in Hook. f., Fl. Brit. India 6: 707. 1894.
N.E. India.
- Carex laeta* Boott, Illustr. 1: 69, t. 188. 1858; C.B. Cl. in Hook. f., Fl. Brit. India 6: 745. 1894.
E. to C. Himalaya.
- Carex lateralis* Kuekenh. in Engl., Pflanzenr. 38: 639. 1909; R.R. Stewart in Bull. Bot. Surv. India 9: 153. (1967) 1968.
S. India, N.W. Himalaya.
- Carex lehmannii* Drejer, Symb. Caric. 13, t. 2. 1844; C.B.Cl. in Hook. f., Fl. Brit. India 6: 730. 1894.
Himalaya.
- Carex lenta* D. Don in Trans. Linn. Soc. 14: 327. 1825.
- Carex brunnea* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 705. 1894 *p.p.* non Thunb. 1784.
S. India, Himalaya.
- Carex leucantha* Arnott ex Boott in Proc. Linn. Soc. 20: 135. 1846 & Illustr. 1: 10, t. 28. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 721. 1894.
S. India.
- Carex lindleyana* Nees in Wight, Contrib. Bot. Ind. 121. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 721. 1894.
Tamil Nadu (Nilgiris).
- Carex lineariterminalis* T. Koyama in Acta Phytotax. Geobot. 17: 99. 1958; R.R. Stewart in Bull. Bot. Surv. India 9: 193. (1967) 1968.
N.W. Himalaya.
- Carex longicruris* Nees in Wight, Contrib. Bot. Ind. 124. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 705. 1894.
Nilgiris, Himalaya.
- Carex longipes* D. Don ex Tilloch & Taylor in Phil. Mag. 62: 455. 1823; C.B. Cl. in Hook. f., Fl. Brit. India 6: 704. 1894; T. Koyama in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 103. 1978.
- Carex nepalensis* Spr., Syst. 3: 811. 1826.
- Carex longipes* var. *nepalensis* (Spr.) Boott, Illustr. 4: 190. 1867; C.B. Cl. in Hook. f., *l.c.*
- var. *longipes*.
S. India, Himalaya.
- var. *dissitiflora* C.B.Cl. in Hook. f., Fl. Brit. India 6: 705. 1894.
S. India, E. Himalaya.
- Carex lurida* C.B.Cl. in Hook. f., Fl. Brit. India 6: 742. 1894.
E. Himalaya.
- Carex maculata* Boott in Trans. Linn. Soc. 20: 128. 1846 & Illustr. 1: 9, t. 26. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 735. 1894.
S. & N.E. India.
- Carex maritima* Gunner, Fl. Norv. 2: 131. 1772; Rau, High Alt. Pl. 191. 1975.
- Carex incurva* Lightf., Fl. Scot. 2: 544, t. 24, f. 1. 1777; C.B. Cl. in Hook. f., Fl. Brit. India 6: 700. 1894.
N.W. to C. Himalaya.
- Carex maubertiana* Boott, Illustr. 1: 45, t. 114. 1858; Nelmes in Kew Bull. 1946: 27. 1946.
- Carex hebecarpa* var. *lachnosperma* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 747. 1894 *p.p.*
N.E. India.
- Carex melanantha* C.A. Mey. ex Ledeb., Fl. Alt. 4: 216. 1833; C.B.Cl. in Hook. f., Fl. Brit. India 6: 733. 1894.
- f. *melanantha*.
W. to C. Himalaya.
- f. *graciliscens* Kuekenh. in Engl., Pflanzenr. 38: 391. 1909; R.R. Stewart in Bull. Bot. Surv. India 9: 154. (1967) 1968.
N.W. Himalaya.
- Carex mercarensis* Hochst. ex Steud., Syn. Cyp. 194. 1855; C.B.Cl. in Hook. f., Fl. Brit. India 6: 719. 1894.
- Carex lindleyana* Nees var. *mercarensis* (Hochst. ex Steud.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1887. 1931 (3: 1169. 1967, Repr. ed.).
S. India.

- Carex microglochin* Wahlenb. in Handl. Kong. Acad. Stockh. 24: 140. 1803; C.B.Cl. in Hook. f., Fl. Brit. India 6: 711. 1894.
N.W. to C. Himalaya.
- Carex monopleuria* Krecz. in Not. Syst. Herb. Inst. Bot. Acad. Sci. URSS 7: 35. 1937; Nelmes in Kew Bull. 1950: 208. 1950.
- Carex rochebrunii* Franch. & Sav., Enum. Pl. Japon. 2: 555. 1878.
- Carex remota* L. var. *rochebrunii* (Franch. & Sav.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 706. 1894.
- Carex remota* L. ssp. *aba* Kuekenh. in Engl., Pflanzenr. 38: 234. 1909.
Temperate Himalaya, N.E. India.
- Carex moorcroftii* Falc. ex Boott in Proc. Linn. Soc. 20: 140. 1851; C.B.Cl. in Hook. f., Fl. Brit. India 6: 733. 1894.
Himalaya.
- Carex munda* Boott, Illustr. 1: 7. t. 20. 1858; C.B. Cl. in Hook. f., Fl. Brit. India 6: 727. 1894.
E. to C. Himalaya.
- Carex munipoorensis* C.B.Cl. in Hook. f., Fl. Brit. India 6: 729. 1894.
N.E. India.
- Carex munroi* Boott ex C.B.Cl. in Hook. f., Fl. Brit. India 6: 738. 1894.
N.W. Himalaya.
- Carex myosurus* Nees in Wight, Contrib. Bot. Ind. 122. 1834 (excl. rep. Pl. Nepal); C.B.Cl. in Hook. f., Fl. Brit. India 6: 723. 1894.
- var. *myosurus*.
Throughout India.
- var. *emlensis* (Nees) C.B.Cl. in Hook. f., Fl. Brit. India 6: 723. 1894.
- Carex eminens* Nees in Wight, Contrib. Bot. Ind. 122. 1834.
Himalaya.
- var. *praestans* (C.B.Cl.) Kuekenh. in Engl., Pflanzenr. 38: 259. 1909.
- Carex praestans* C.B.Cl. in Hook. f., Fl. Brit. India 6: 723. 1894.
W. Himalaya.
- var. *ratongensis* C.B.Cl. in Hook. f., Fl. Brit. India 6: 723. 1894.
E. Himalaya.
- Carex nairii* Ghildyal & Bhattacharyya in J. Econ. Tax. Bot. 8: 479, f. 1-5. 1986.
Kashmir.
- Carex usakooana* T. Koyama in Acta Phytotax. Geobot. 15: 112. 1954 & in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 104. 1978.
E. to C. Himalaya.
- Carex nandadevtensis* Ghildyal, Bhattacharyya & Hajra in Ind. J. For. 9:90, f.l. 1986.
Garhwal Himalaya.
- Carex nemostachys* Steud. in Flora 29: 23. 1846 & Syn. Cyp. 218. 1855; C.B.Cl. in Hook. f., Fl. Brit. India 6: 746. 1894.
E. Himalaya.
- Carex nigerrima* Nelmes in Kew Bull. 1939: 200. 1939.
- Carex atrata* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 731. 1894 *pp. non* L. 1753.
N.W. Himalaya.
- Carex nivalis* Boott in Proc. Linn. Soc. 1: 256. 1846; C.B.Cl. in Hook. f., Fl. Brit. India 6: 732. 1894.
- f. *nivalis*.
N.W. to C. Himalaya.
- f. *cinnamomea* Kuekenh. in Engl., Pflanzenr. 38: 553. 1909; R.R. Stewart in Bull. Bot. Surv. India 9: 154. (1967) 1968.
- Carex oliveri* Boeck. in Flora 63: 455. 1860.
W. Himalaya.
- f. *griffithii* (Boott) Kuekenh. in Engl., Pflanzenr. 38: 553. 1909; R.R. Stewart in Bull. Bot. Surv. India 9: 154. (1967) 1968.
- Carex griffithii* Boott in Trans. Linn. Soc. 20: 138. 1846.
N.W. Himalaya.
- f. *luteo-brunnea* Kuekenh. in Engl., Pflanzenr. 38: 553. 1909; R.R. Stewart in Bull. Bot. Surv. India 9: 154. (1967) 1968.
- Carex luteo-brunnea* (Kuekenh.) Nelmes in Kew Bull. 1939: 308. 1939.
- Carex lepus-aetatis* T. Koyama in Acta Phytotax. Geobot. 16: 167. 1956.
N.W. Himalaya.
- Carex notha* Kunth, Enum. Pl. 2: 421. 1837; C.B. Cl. in Hook. f., Fl. Brit. India 6: 709. 1894.
Himalaya.

Carex nubigena D. Don ex Tilloch & Taylor in Phil. Mag. 62: 455. 1823; C.B.Cl. in Hook. f., Fl. Brit. India 6: 702. 1894.
S. India, Himalaya.

Carex obscura Nees in Wight, Contrib. Bot. Ind. 126. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 731. 1894.

var. *obscura*.
W. to C. Himalaya.

var. *brachycarpa* C.B.Cl. in Hook. f., Fl. Brit. India 6: 731. 1894.
Himalaya.

Carex obscuriceps Kuekenh. in Engl., Pflanzenr. 38: 723. 1909; R.R. Stewart in Bull. Bot. Surv. India 9: 155. (1967) 1968.
N.W. Himalaya.

Carex oedorrhapha Nelmes in Kew Bull. 1939: 659. 1939.

Carex tumida Boott, Illustr. 1: 66, t. 181. 1858 non Beilschm. 1850.
E. Himalaya.

Carex oligocarya C.B.Cl. in Hook. f., Fl. Brit. India 6: 746. 1894.

var. *oligocarya*.
W. Himalaya.

var. *websteri* Raymond in Webster & Nasir in Pak. J. For. 15: 220. 1965; R.R. Stewart in Bull. Bot. Surv. India 9: 155 (1967) 1968.
N.W. Himalaya.

Carex oligostachya Nees ex Hook. in Kew J. Bot. 6: 29. 1854; A.S. Rao & Verma, Cyp. N.E. India 75. 1982.

Carex rhizomatosa Steud. in Zoll., Verz. Ind. Archip. 2: 60. 1855; C.B.Cl. in Hook. f., Fl. Brit. India 6: 721. 1894.
E. Himalaya, N.E. India.

Carex olivacea Boott in Proc. Linn. Soc. 1: 286. 1845 & Illustr. 1: 56, t. 149. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 741. 1894.
E. Himalaya.

Carex orbicularis Boott in Proc. Linn. Soc. 1: 254. 1845; Rau, High Alt. Pl. 191. 1975.

Carex rigida sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 711. 1894 non Gooden, 1894.

Carex vulgaris sensu C.B.Cl. in Hook. f., l.c. non Fries 1842.

Carex erostrata Boott ex C.B.Cl. in Hook. f., l.c.

var. *orbicularis*.
Himalaya.

var. *brachylepis* (Regel) Kuekenh. in Engl., Pflanzenr. 38: 304. 1909.

Carex glauca var. *brachylepis* Regel in Acta Horti Petrop. 7: 572. 1880.

Carex vulgaris var. *distracta* C.B.Cl. in Hook. f., l.c.
W. Himalaya.

Carex pakistanica T. Koyama in Acta Phytotax. Geobot. 17: 100. 1958; R.R. Stewart in Bull. Bot. Surv. India 9: 155. (1967) 1968.
N.W. Himalaya.

Carex pamirensis C.B.Cl. ex Fedtsch. in J. Bot. St. Petersb. 1: 19. 1906; R.R. Stewart in Bull. Bot. Surv. India 9: 155. (1967) 1968.

Carex rostrata sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 740. 1894 non Stokes 1787.

Carex vesicaria L. var. *pamirica* Fedtsch., Fl. Pamir. 200. 1903.

Carex obscuriceps Kuekenh. var. *pamirica* (Fedtsch.) Kuekenh. in Engl., Pflanzenr. 38: 724, f. 124. 1909.
W. Himalaya.

Carex parva Nees in Wight, Contrib. Bot. Ind. 120. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 712. 1894.
Himalaya.

Carex parvigluma C.B.Cl. in Hook. f., Fl. Brit. India 6: 716. 1894.
E. Himalaya.

Carex phacota Spr. in L., Syst. Veg. ed. 16, 3: 826. 1826; C.B.Cl. in Hook. f., Fl. Brit. India 6: 708. 1894.
S. & C. India, Himalaya.

Carex pingulipes C.B.Cl. in Kew Bull. Addl. ser. 8: 85. 1908.
N.W. Himalaya.

Carex pisanensis T. Koyama in Acta Phytotax. & Geobot. Kyoto 15: 112. 1954.
Nepal.

Carex piehala C.B.Cl. in Hook. f., Fl. Brit. India 6: 718. 1894.
E. India.

- Carex plectobasis* V. Krecz. in Not. Syst. Herb. Inst. Bot. Acad. Sci. URSS 9: 192. 1946; Rau, High Alt. Pl. 192. 1975.
- Carex hirtella* Drejer, Symb. Caric. 21. 1844; C.B.Cl. in Hook. f., Fl. Brit. India 6: 744. 1894.
W. to C. Himalaya.
- Carex pleistogyna* V. Krecz. in Not. Syst. Herb. Inst. Bot. Acad. Sci. URSS 9: 194. 1946.
E. Himalaya.
- Carex polycephala* Boott, Illustr. 1: 4, t. 12. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 725. 1894.
C. to E. Himalaya.
- Carex polyphylla* Kar. & Kir. in Bull. Soc. Nat. Mosc. 859. 1841; R.R. Stewart in Bull. Bot. Surv. India 9: 155. (1967) 1968.
- Carex muricata* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 703. 1894 non L. 1753.
N.W. Himalaya.
- Carex praectava* Nelmes in Hook., Ic. Pl. 35: t. 3403. 1940.
E. Himalaya.
- Carex praelonga* C.B.Cl. in Hook. f., Fl. Brit. India 6: 707. 1894.
var. *praelonga*.
E. Himalaya.
- var. *angustior* C.B. Cl. in Hook. f., Fl. Brit. India 6: 707. 1894.
C. & N.E. India.
- Carex prescottiana* Boott in Proc. Linn. Soc. 1: 286. 1846 & Illustr. 1: 45, t. 115. 1858 (excl. Hawaii Plant); C.B.Cl. in Hook. f., Fl. Brit. India 6: 710. 1894.
N.E. India.
- Carex pruinosa* Boott in Proc. Linn. Soc. 1: 255. 1855 & Illustr. 1: 65, t. 174. 1858.
N.E. India.
- Carex pseudo-aperta* Boeck. ex Kuekenh. in Engl. Pflanzenr. 38: 325. 1909; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1686. 1931 (3: 1169. 1967, Repr. ed.).
Tamil Nadu (Nilgiris).
- Carex pseudo-cyperus* L., Sp. Pl. 978. 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 740. 1894.
N.W. Himalaya.
- Carex pseudo-foetida* Kuekenh. in Bot. Tidsskr. 28: 225, f. 1. 1907; Rau, High Alt. Pl. 192. 1975.
Himalaya.
- Carex psychrophila* Nees in Wight, Contrib. Bot. Ind. 127. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 732. 1894.
Himalaya.
- Carex pulchra* Boott, Illustr. 1: 4, t. 13. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 727. 1894.
E. to C. Himalaya.
- Carex radialis* Boott, Illustr. 1: 56, t. 147. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 729. 1894.
E. Himalaya.
- Carex raphidocarpa* Nees in Wight, Contrib. Bot. Ind. 122. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 719. 1894.
S. India.
- Carex rara* Boott in Proc. Linn. Soc. 1: 284. 1845 & Illustr. 1: 44, t. 109. 1858.
E. to C. Himalaya.
- Carex repanda* C.B.Cl. in Hook. f., Fl. Brit. India 6: 720. 1894.
N.E. India.
- Carex rhombifruca* Ohwi in J. Jap. Bot. 44: 60, f. 1. 1966.
Nepal.
- Carex royleana* Nees in Wight, Contrib. Bot. Ind. 127. 1834; A.S. Rao & Verma in Bull. Bot. Surv. India 22: 84. 1982.
- Carex breviculmis* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 746. 1894 non R. Br. 1810.
Nilgiris, Himalaya.
- Carex rubro-brunnea* C.B.Cl. in Hook. f., Fl. Brit. India 6: 710. 1894.
E. Himalaya.
- Carex rufullstolon* T. Koyama in Acta Phytotax. Geobot. 15: 111. 1954.
Nepal.
- Carex sabail* Ghildyal & Bhattacharyya in J. Econ. Tax. Bot. 7: 447. 1985.
- Carex kingiana* C.B.Cl. in Kew Bull. Addl. ser. 8: 75. 1908 non Lev. & Van. 1902.
E. Himalaya.

Carex scitula Boott, Illustr. 4: 177, t. 600. 1867; C.B.Cl. in Hook. f., Fl. Brit. India 6: 724. 1894.
E. Himalaya.

Carex sclerocarpa Franch. in Bull. Soc. Philom. Paris 8,7: 91. 1895; Ohwi in Hara, Fl. E. Himal. 2nd Report 148. 1971.
E. Himalaya.

Carex seposita C.B.Cl. in Kew Bull. Addl. Ser. 8: 87. 1908.
W. Himalaya.

Carex serotina Merat, Nov. Fl. Eav. Paris ed. 2, 2: 54. 1821.

Carex flava sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 739. 1894, non L. 1753.

Carex philocrena V. Krecz. in Fl. URSS 3: 393. 1935; Rau, High Alt. Pl. 192. 1975.
Temperate Himalaya.

Carex setosa Boott, Illustr. 3: 108, t. 327-329. 1862; C.B.Cl. in Hook. f., Fl. Brit. India 6: 745. 1894.
Himalaya.

Carex sikkimensis C.B.Cl. in Hook. f., Fl. Brit. India 6: 708. 1894.
E. Himalaya.

Carex speciosa Kunth, Enum. Pl. 2: 504. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 729. 1894.

var. *speciosa*.
Peninsular, C. & E. India, E. to C. Himalaya.

var. *courtallensis* (Nees ex Boott) Kuekenh. in Engl., Pflanzenr. 38: 481. 1909; A.S. Rao & Verma, Cyp. N.E. India 79. 1982.

Carex courtallensis Nees ex Boott, Illustr. 1: 52, t. 138. 1858.

Carex spectosa sensu C.B.Cl. in Hook. f., *l.c.* p.p. non Kunth, 1837.
E. Himalaya, S. & N.E. India.

Carex spiculata Boott in Proc. Linn. Soc. 1: 288. 1845 & Illustr. 1: 3, t. 7. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 724. 1894.

var. *spiculata*.
E. Himalaya, N.E. India.

var. *nobilis* (Boott) C.B.Cl. in Hook. f., Fl. Brit. India 6: 724. 1894.

Carex nobilis Boott, Illustr. 1: 4, t. 9-11. 1858.

Carex myosurus ssp. *spiculata* (Boott) Kuekenh. var. *nobilis* Kuekenh. in Engl., Pflanzenr. 38: 259. 1909.
N.E. India.

Carex stenophylla Wahlenb. in Kong. Vet. Akad. Handl. Stockh. 24: 142. 1803; C.B.Cl. in Hook. f., Fl. Brit. India 6: 700. 1894.

var. *stenophylla*.
N.W. Himalaya.

var. *interrupta* Litw. in Trav. Mus. Bot. St. Petersb. 7: 85. 1910; R.R. Stewart in Bull. Bot. Surv. India 9: 156. (1967) 1968.
N.W. Himalaya.

var. *longepedunculata* (Boeck.) Kuekenh. in Engl., Pflanzenr. 38: 121. 1909; Rau, High Alt. Pl. 192. 1975.

Carex longepedunculata Boeck., Cyp. Nov. 1: 41. 1888.
N.W. Himalaya.

Carex stracheyi Boott ex C.B.Cl. in Hook. f., Fl. Brit. India 6: 727. 1894.
N.W. to C. Himalaya.

Carex stramentitia Boott ex Boeck. in Linnaea 40: 351. 1876; C.B.Cl. in Hook. f., Fl. Brit. India 6: 717. 1894.
C. to E. India, C. to E. Himalaya.

Carex supina Willd. ex Wahlenb. in Handl. Vet. Acad. Stockh. 24: 158. 1803; C.B.Cl. in Hook. f., Fl. Brit. India 6: 733. 1894.
Himalaya.

Carex telnogyna Boott, Illustr. 1: 60, t. 158. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 705. 1894.
N.E. India.

Carex teres Boott, Illustr. 1: 62, t. 167. 1858 (*excl.* lower utricle); C.B.Cl. in Hook. f., Fl. Brit. India 6: 707. 1894.
E. Himalaya.

Carex thomsonii Boott, Illustr. 1: 1, t. 1. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 703. 1894.
Himalaya.

Carex tristis M. Bieb., Fl. Taur. Cauc. 3: 615. 1819; C.B.Cl. in Hook. f., Fl. Brit. India 6: 738. 1894.
N.W. Himalaya.

Carex vesicaria L., Sp. Pl. 979. 1753; C.B. Cl. in Hook. f., Fl. Brit. India 6: 740. 1894.
N.W. Himalaya.

- Carex vesiculosa* Boott, Illustr. 3: 107, t. 323. 1862; C.B. Cl. in Hook. f., Fl. Brit. India 6: 717. 1894.
 var. *vesiculosa*.
 E. to C. Himalaya.
- var. *congesta* Kuekenh. in Engl., Pflanzenr. 38: 283. 1909; A.S. Rao & Verma, Cyp. N.E. India 74. 1982.
 N.E. India.
- var. *paniculata* C.B. Cl. in Hook. f., Fl. Brit. India 6: 717. 1894.
 E. Himalaya.
- Carex vicinalls* Boott, Illustr. 4: 133, t. 428, f. 2. 1867; C.B.Cl. in Hook. f., Fl. Brit. India 6: 735. 1894.
 Tamil Nadu (Nilgiris).
- Carex vulpinaris* Nees in Wight, Contrib. Bot. Ind. 121. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 702. 1894.
 N.W. Himalaya.
- Carex walkeri* Arnott ex Boott in Proc. Linn. Soc. 1: 257. 1846; C.B.Cl. in Hook. f., Fl. Brit. India 6: 725. 1894.
 Tamil Nadu (Nilgiris).
- Carex wallichiana* Spr., Syst. 3: 812. 1826.
- Carex foliosa* D. Don ex Tilloch & Taylor in Phil. Mag. 62: 455. 1823.
- Carex muricata* L. var. *foliosa* (D. Don ex Tilloch & Taylor) C.B.Cl. in Hook. f., Fl. Brit. India 6: 703. 1894.
 S. India, Himalaya.
- Carex wightiana* Nees in Wight, Contrib. Bot. Ind. 122. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 724. 1894.
 S. India.
- Carex winterbottomii* C.B.Cl. in Hook. f., Fl. Brit. India 6: 727. 1894.
 W. to C. Himalaya.
- CLADIUM P. Br., Civ. Nat. Hist. Jamaica 114. 1756.
- Cladium jamalense* Crantz ssp. *chinense* (Nees ex Hook. & Arn.) T. Koyama in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 105. 1978.
- Cladium chinense* Nees ex Hook. & Arn., Bot. Beech. Voy. 227. 1841.
- Cladium mariscus* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 673. 1894 *p.p.* non Pohl, 1809.
 India.
- Cladium mariscus* (L.) Pohl, Tent. Fl. Boh. 1: 32. 1809; C.B.Cl. in Hook. f., Fl. Brit. India 6: 673. 1894 *p.p.*; Kern in Steenis, Fl. Males. 1. 7: 688. 1974.
- Schoenus mariscus* L., Sp. Pl. 42. 1753.
 N.W. Himalaya.
- CYPERUS L., Sp. Pl. 44. 1753.
- Cyperus aethiops* Welw. ex Ridl. in Trans. Linn. Soc. 2, 2: 129. 1884 var. *circinatus* (Ridl.) Kuekenh. in Engl., Pflanzenr. 101: 370. 1935.
- Cyperus circinatus* Ridl. in J. Linn. Soc., London 27: 64, t. 2, f. 1-2. 1896; C.K. Shah in Curr. Sci. 36: 247. 1967.
 N. India.
- Cyperus alulatus* Kern in Reinwardtia 1: 463, f. 1. 1952.
- Cyperus iria* var. *rectangularis* Kuekenh. in Engl., Pflanzenr. 101: 152. 1935.
- Cyperus rectangularis* (Kuekenh.) Renner in Indian Forester 95: 692. 1969.
 Throughout India.
- Cyperus amabilis* Vahl, Enum. Fl. 2: 318. 1806; C.B. Cl. in Hook. f., Fl. Brit. India 6: 593. 1893.
 C., E. & N. India.
- Cyperus arenarius* Retz., Obs. Bot. 4: 9. 1786; C.B. Cl. in Hook. f., Fl. Brit. India 6: 602. 1893.
 Peninsular, E., N. & N.W. India.
- Cyperus aromaticus* (Ridl.) Matf. & Kuekenh. in Engl., Pflanzenr. 101: 581. 1936; N.G. Nair in Indian J. For. 2: 257. 1979.
- Kyllinga aromatica* Ridl. in Trans. Linn. Soc., Bot. 2: 146. 1884.
 Andaman & Nicobar Islands.
- Cyperus articulatus* L., Sp. Pl. 44. 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 611. 1893.
 S. to E. India.
- Cyperus atkinsonii* C.B.Cl. in J. Linn. Soc. 21: 109. 1884 & in Hook. f., Fl. Brit. India 6: 603. 1893.
 W. to N.W. India, N.W. Himalaya.
- Cyperus atroglumosa* Govind. in Proc. Indian Acad. Sci. 81 B: 187. 1975.
- Pycreus atroglumosus* (Govind.) P. & V. Singh in J. Econ. Tax. Bot. 5: 467. 1984.
 Karnataka.
- Cyperus babakan* Steud., Syn. 2 : 6.1854 ("babakensis"); C.B.Cl. in Hook. f., Fl. Brit. India 6: 610. 1893.
 E. & N.E. India, E. Himalaya.
- Cyperus bifax* C.B.Cl. in Kew Bull. 8: 13. 1908; T. Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 183. 1985.

Cyperus retzii Nees in Wight, Contrib. Bot. Ind. 82. 1834 non Poir. 1806.

Cyperus rotundus ssp. *retzii* (Nees) Kuekenh. in Engl., Pflanzenr. 101: 114. 1936.

Cyperus tuberosus sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 616. 1893 non Rottb. 1773. Throughout India.

Cyperus burcosus Vahl, Enum. Pl. 2: 342. 1806; C.B. Cl. in Hook. f., Fl. Brit. India 6: 611. 1893. Throughout plains of India.

Cyperus castaneus Willd., Sp. Pl. 1: 278. 1797; C.B.Cl. in Hook. f., Fl. Brit. India 6: 598. 1893. Peninsular, C. & E. India, C. to E. Himalaya.

Cyperus compressus L., Sp. Pl. 46. 1753 *emend.* Dandy in Exell, Cat. S. Tome 357. 1944; C.B.Cl. in Hook. f., Fl. Brit. India 6: 605. 1893.

Cyperus pectiniformis R. & S., Mant. 2: 128. 1824.

Cyperus compressus var. *pectiniformis* (R. & S.) C.B.Cl. in J. Linn. Soc. 21: 97. 1884. Throughout India.

Cyperus conglomeratus Rottb., Descr. Ic. 21, t. 15, f. 7. 1773; Cooke, Fl. Pres. Bombay 3: 379. 1967 (II Repr. ed.). W. & N.W. India.

Cyperus corymbosus Rottb., Descr. Ic. 42, t. 7, f. 4. 1773; C.B.Cl. in Hook. f., Fl. Brit. India 6: 612. 1893.

var. *corymbosus*. Throughout India.

var. *longispiculatus* (O. Ktze.) Kuekenh. in Engl., Pflanzenr. 101:82. 1935.

Cyperus enodis var. *longispiculatus* O. Ktze., Rev. Gen. Pl. 2: 749. 1891.

Cyperus bengalensis C. Spr., Neue Entd. 3: 101. 1822.

Cyperus tegetiformis Roxb. ex Arn. in Wight, Contrib. Bot. Ind. 89. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 612. 1893. Throughout plains of India.

Cyperus curvibracteatus Govind. in Proc. Indian Acad. Sci. 88 B: 231. 1979.

Pycrus curvibracteatus (Govind.) P. & V. Singh in J. Econ. Tax. Bot. 5: 468. 1984. Tamil Nadu.

Cyperus cuspidatus Kunth in HBK., Nov. Gen. Sp. 1: 204. 1815; C.B.Cl. in Hook. f., Fl. Brit. India 6: 598. 1893.

Cyperus uncinatus sensu C.B.Cl. in Philipp. J. Sci. Bot. 2: 82. 1907 non Poir. 1806. Throughout India.

Cyperus decumbens Govind. in J. Indian Bot. Soc. 52: 72. 1973.

Pycrus decumbens (Govind.) P.&V. Singh in J. Econ. Tax. Bot. 5: 467. 1984. Maharashtra.

Cyperus difformis L., Sp. Pl. 67. 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 599. 1893.

var. *difformis*. Throughout India.

var. *breviglobosus* Kuekenh. in Engl., Pflanzenr. 101: 246. 1936; Korla. in Bull. Bot. Surv. India 9: 238. (1967) 1968. E. India.

Cyperus digitatus Roxb., Fl. Ind. 1: 209. 1820; C.B. Cl. in Hook. f., Fl. Brit. India 6: 618. 1893.

Cyperus spongiosa-vaginatus Boeck., Cyp. Nov. 1: 5. 1888; C.B.Cl. in Hook. f., *l.c.* 619.

var. *digitatus*. N.W. to E. India and southwards.

var. *khasianus* (C.B.Cl.) Kero in Blumeo, Suppl. 4: 165. 1958.

Cyperus auricomus Steb. var. *khasianus* C.B.Cl. in J. Linn. Soc., Bot. 21: 189. 1884.

Cyperus hookeri Boeck. in Linnaea 36: 308. 1870.

Cyperus digitatus var. *hookeri* (Boeck.) C.B.Cl. in Hook. f., *l.c.* S. to N.E. India.

Cyperus distans L. f., Suppl.103. 1781; C.B.Cl. in Hook. f., Fl. Brit. India 6: 607. 1893.

var. *distans*. Throughout India.

var. *pseudonotans* Kuekenh. in Engl., Pflanzenr. 101: 137. 1935.

- Cyperus nutans* sensu C.B.Cl. in Hook. f., *l.c.* p.p. non Vahl, 1806.
N.W. to N.E. India and southwards.
- Cyperus dwarkensis* Sahní & Naithani in Indian Forester 102: 357, 1976.
W. India.
- Cyperus elatus* L., Cent. Pl. 2: 301, 1756 & Sp. Pl. ed. 2. 67, 1762; C.B.Cl. in Hook. f., Fl. Brit. India 6: 618, 1893.
Peninsular & C. India.
- Cyperus esculentus* L., Sp. Pl. 67, 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 616, 1893.
Peninsular, C., N. & N.W. India.
- Cyperus exaltatus* Retz., Obs. Bot. 5: 11, 1789; C.B. Cl. in Hook. f., Fl. Brit. India 6: 617, 1893.
var. *exaltatus*.
N.W. to N.E. India and southwards.
- var. *dives* (Del.) C.B.Cl. in J. Linn. Soc. 21: 187, 1884 & in Hook. f., *l.c.*
- Cyperus dives* Del., Fl. Egypt 149, t. 4, f. 3, 1812.
N. to E. India.
- Cyperus flabelliformis* Rottb., Descr. Pl. Rar. Progr. 22, 1772 & Descr. Ic. 42, t. 12, f. 2, 1773; Kern in Steenis, Fl. Males. 1, 7: 618, 1974.
- Cyperus alternifolius* L. ssp. *flabelliformis* (Rottb.) Kuekenth. in Engl., Pflanzenr. 101: 193, 1936.
Usually cultivated; occasionally run wild in various parts of India.
- Cyperus fuscus* L., Sp. Pl. 69, 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 599, 1893.
N.W. Himalaya.
- Cyperus glomeratus* L., Sp. Pl. 68, 1753; C.B. Cl. in Hook. f., Fl. Brit. India 6: 607, 1893.
N.W. Himalaya.
- Cyperus halpan* L., Sp. Pl. 45, 1753 ('haspan'); C.B. Cl. in Hook. f., Fl. Brit. India 6: 600, 1893.
ssp. *halpan*.
Throughout India.
- ssp. *juncoides* (Lam.) Kuekenth. in Fedde, Repert. 23: 184, 1926 & Engl., Pflanzenr. 101: 249, 1936; Kern in Steenis, Fl. Males. 1, 7: 625, 1974.
- Cyperus juncoides* Lam., Ill. 1: 147, 1791.
N. India.
- Cyperus helferi* Boeck. in Linnæa 38: 360, 1874; C.B.Cl. in Hook. f., Fl. Brit. India 6: 604, 1893.
Andaman & Nicobar Islands.
- Cyperus imbricatus* Retz., Obs. Bot. 5: 12, 1789; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1641, 1931 (3: 1141, 1967, Repr. ed.).
- Cyperus radiatus* Vahl, Enum. Pl. 2: 369, 1806; C.B. Cl. in Hook. f., Fl. Brit. India 6: 617, 1893.
S., E. & N. India.
- Cyperus iria* L., Sp. Pl. 45, 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 606, 1893.
- Cyperus parviflorus* Nees in Wight, Contrib. Bot. Ind. 87, 1834 *excl. syn. non* Vahl, 1806.
- Cyperus iria* var. *parviflorus* (Nees) Miq., Fl. Ind. Bat. 3: 270, 1859.
- Cyperus paniciformis* Franch. & Sav., Pl. Jap. 2: 103, 537, 1879.
- Cyperus iria* var. *paniciformis* (Franch. & Sav.) C.B. Cl. in Hook. f., Fl. Brit. India 6: 607, 1893.
Throughout India.
- Cyperus kamphoeveneri* Boeck., Cyp. Nov. 1: 5, 1888; C.B.Cl. in Hook. f., Fl. Brit. India 6: 594, 1893.
Andaman & Nicobar Islands.
- Cyperus kurzii* C.B.Cl. in J.Linn. Soc. 21: 129, 1884 & in Hook. f., Fl. Brit. India 6: 604, 1893.
Andaman & Nicobar Islands.
- Cyperus latovaginatus* Govind. in J. Indian Bot. Soc. 52: 74, 1973.
- Pycnus latovaginatus* (Govind.) P.&V. Singh in J. Econ. Tax. Bot. 5: 467, 1984.
Tamil Nadu.
- Cyperus laxus* Lam., Ill. 1: 146, 1791 *emend* Poir. in Lam., Encycl. 7: 260, 1806; J. Raynal in Adansonia 2, 17: 277, 1978.
- Cyperus diffusus* Vahl, Enum. Pl. 2: 321, 1805; C.B. Cl. in Hook. f., Fl. Brit. India 6: 603, 1893.
var. *laxus*.
Throughout India.

var. *macrostachyus* (Boeck.) Karthik. *comb. nov.*

Cyperus diffusus Vahl var. *macrostachyus* Boeck. in *Linnaea* 35: 534. 1868.

Cyperus pubisquamis Steud., *Syn. Cyp.* 20. 1855; C.B. Cl. in *Hook. f., l.c.* 604.

Cyperus diffusus ssp. *macrostachyus* (Boeck.) T. Koyama in *Gdns. Bull. Singapore* 30: 139. 1977. N.E. India southwards.

Cyperus longus L., *Sp. Pl.* 67. 1753; C.B.Cl. in *Hook. f., Fl. Brit. India* 6: 614. 1893.

var. *longus*.
N.W. India.

var. *pallidus* Boeck. in *Linnaea* 36: 280. 1870; Kuekenh. in *Engl., Pflanzenr.* 101: 100. 1935.

Cyperus fenzelianus Steud., *Syn. Cyp.* 33. 1855; C.B.Cl. in *Hook. f., l.c.* 615.
S. India.

Cyperus lurida Govind. in *Proc. Indian Acad. Sci.* 81 B: 189. 1975.

Pycnus lurida (Govind.) P.&V. Singh in *J. Econ. Tax. Bot.* 5: 467. 1984.
Tamil Nadu.

Cyperus macer C.B.Cl. in *J. Linn. Soc.* 21: 160. 1884 & in *Hook. f., Fl. Brit. India* 6: 613. 1893.
Peninsular, C. & N.E. India.

Cyperus malaccensis Lam., *Ill.* 1: 146. 1791; C.B. Cl. in *Hook. f., Fl. Brit. India* 6: 608. 1893.
E. India.

Cyperus meeboldii Kuekenh. in *Fedde, Repert.* 18: 345. 1922.
S. to N.W. India.

Cyperus mitis Steud., *Syn. Cyp.* 316. 1855; Kuekenh. in *Engl., Pflanzenr.* 101: 103. 1935.

Cyperus stenostachyus Bth. var. *indica* C.B.Cl. in *Hook. f., Fl. Brit. India* 6: 614. 1893.
Peninsular India.

Cyperus multisplcatus Boeck. in *Linnaea* 38: 362. 1874; C.B.Cl. in *Hook. f., Fl. Brit. India* 6: 604. 1893.
N.E. India, Andaman & Nicobar Islands.

Cyperus niveus Retz., *Obs. Bot.* 5: 12. 1788; C.B.Cl. in *Hook. f., Fl. Brit. India* 6: 601. 1893.
Throughout India.

Cyperus nutans Vahl, *Enum. Pl.* 2: 363. 1806; C.B. Cl. in *Hook. f., Fl. Brit. India* 6: 607. 1893.

var. *nutans*.
N.W. to N.E. India and southwards, C.Himalaya.

var. *eleusinoides* (Kunth) Haines, *Bot. Bih. Orissa* 3: 898. 1924.

Cyperus eleusinoides Kunth, *Enum. Pl.* 2: 39. 1837; C.B.Cl. in *Hook. f., Fl. Brit. India* 6: 608. 1893.

Cyperus nutans ssp. *eleusinoides* (Kunth) T. Koyama in *Gdns. Bull. Singapore* 30: 136. 1977.
Throughout India.

var. *subprolixus* (Kuekenh.) Karthik. *comb. nov.*

Cyperus eleusinoides var. *subprolixus* Kuekenh. in *Engl., Pflanzenr.* 101: 145. 1936; Somdeva & Naithani in *Indian Forester* 100: 641. 1974.
N. India.

Cyperus ohwii Kuekenh. in *Fedde, Repert.* 29: 197. 1931 & in *Engl., Pflanzenr.* 101: 60, f. 8, A-E. 1935; Backer & Bakh. f., *Fl. Java* 3: 479. 1968.

Cyperus elatus L. var. *macromyx* C.B.Cl. in *J. Linn. Soc.* 21: 189. 1884 & in *Hook. f., Fl. Brit. India* 6: 618. 1893.
E. India.

Cyperus pachyrrhizus Nees ex Boeck. in *Linnaea* 35: 545. 1868; C.B.Cl. in *Hook. f., Fl. Brit. India* 6: 603. 1893.

Cyperus conglomeratus Roth. var. *pachyrrhizus* (Nees ex Boeck.) Trim. ex *Hook. f. in Trim., Handb. Fl. Ceyl.* 5: 23. 1900.

Cyperus conglomeratus ssp. *pachyrrhizus* (Nees ex Boeck.) T. Koyama in *Bot. Mag. Tokyo* 93: 344. 1980.
Peninsular India, Lakshadweep.

Cyperus pangorei Roth., *Dscr. Ic. Rar. Nov. Pl.* 31, t. 7, f. 3. 1773.

Cyperus corymbosus Roth. var. *pangorei* (Roth.) C.B. Cl. in *J. Linn. Soc.* 21: 292. 1884 & in *Hook. f., Fl. Brit. India* 6: 612. 1893.

Cyperus tegetum Roxb., *Fl. Ind.* 1: 208. 1832; C.B. Cl. in *Hook. f., l.c.* 613.

var. *pangorei*.
Throughout India.

var. *ambigua* (C.B.Cl.) Karthik. *comb. nov.*

Cyperus tegetum var. *ambigua* C.B.Cl. in J. Linn. Soc. 21: 162. 1884 & in Hook. f., Fl. Brit. India 6: 613. 1893.
S. India.

Cyperus papyrus L., Sp. Pl. 47. 1753; C.K. Shah in Curr. Sci. 32: 424. 1963.
W. India.

Cyperus pentabRACTENTUS Govind. & Hemadri in Proc. Indian Acad. Sci. 82 B: 207. 1975.
Maharashtra.

Cyperus pilosus Vahl, Enum. Pl. 2: 354. 1806; C.B. Cl. in Hook. f., Fl. Brit. India 6: 609. 1893.

Cyperus obliquus Nees in Wight, Contrib. Bot. Ind. 86. 1834.

Cyperus pilosus var. *obliqua* (Nees) C.B.Cl. in J. Linn. Soc. 21: 151. 1884 & in Hook. f., *l.c.* 610.

Cyperus pilosus var. *polyantha* C.B.Cl. *l.c.* 148. & in Hook. f., *l.c.*
Throughout India.

Cyperus platyphyllus R.&S., Syst. 2: 876. 1817; C.B.Cl. in Hook. f., Fl. Brit. India 6: 618. 1893.
Peninsular India.

Cyperus platystylis R. Br., Prodr. 214. 1810; C.B. Cl. in Hook. f., Fl. Brit. India 6: 598. 1893.
Throughout India and Andaman & Nicobar Islands except N.W.

Cyperus plumbeonuceus Govind. in J. Indian Bot. Soc. 52: 76, f. 3. (1973) 1974.

Pycnus plumbeonuceus (Govind.) P.&V. Singh in J. Econ. Tax. Bot. 5: 467. 1984.
Tamil Nadu.

Cyperus plurinodosa Govind. in Proc. Indian Acad. Sci. 81 B: 192, f. 3. 1975.

Pycnus plurinodosus (Govind.) P.&V. Singh in J. Econ. Tax. Bot. 5: 467. 1984.
Karnataka.

Cyperus polyanthelus Govind. in Proc. Indian Acad. Sci. 88 B: 234. 1979.
Tamil Nadu.

Cyperus procerus Rottb., Descr. & Ic. 29, t. 5, f. 3. 1773; C.B.Cl. in Hook. f., Fl. Brit. India 6: 610. 1893.

var. *procerus*.
E. India southwards.

var. *lasiorrhachis* C.B.Cl. in Hook. f., Fl. Brit. India 6: 610. 1893.
E. & N. India.

Cyperus pulcherrimus Willd. ex Kunth, Enum. Pl. 2: 35. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 600. 1893.
N.E. India southwards.

Cyperus rotundus L., Sp. Pl. 45. 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 614. 1893.

ssp. *rotundus*.

var. *rotundus*.
Throughout India.

var. *centiflora* C.B.Cl. in J. Linn. Soc. 21: 171. 1884 & in Hook. f., Fl. Brit. India 6: 615. 1893.
Peninsular, E. & N. India.

var. *subcapitatus* (C.B.Cl.) Kuekenth. in Engl., Pflanzenz. 101: 113. 1935.

Cyperus subcapitatus C.B.Cl. in Hook. f., Fl. Brit. India 6: 616. 1893.
Peninsular India, Andaman & Nicobar Islands.

ssp. *tuberosus* (Rottb.) Kuekenth. in Engl., Pflanzenz. 101: 113. 1935.

Cyperus tuberosus Rottb., Descr. Ic. 28, t. 7, f. 1. 1773.
Peninsular, C. & E. India.

Cyperus rubicundus Vahl, Enum. Pl. 2: 308. 1805; Hooper in Saldanha & Nicolson, Fl. Hassan Dt. 669. 1978.

Cyperus teneriffae Poir. in Lam., Encycl. 7: 245. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 601. 1893.
Peninsular India.

Cyperus rubriglomosus Govind. in Proc. Indian Acad. Sci. 88 B: 229. 1979.

Pycnus rubriglomosus (Govind.) P.&V. Singh in J. Econ. Tax. Bot. 5: 468. 1984.
Tamil Nadu.

Cyperus scariosus R. Br., Prodr. 216. 1810; C.B.Cl. in Hook. f., Fl. Brit. India 6: 612. 1893.
Bengal, Gujarat.

Cyperus setifolius D. Don, Prodr. Fl. Nepal. 38. 1825; C.B.Cl. in Hook. f., Fl. Brit. India 6: 619. 1893.

Nepal.

Cyperus siletensis Nees in Wight, Contrib. Bot. Ind. 79. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 600. 1893.
E. & N.E. India, E. Himalaya.

Cyperus steadli Kueckenth. in Fedde, Repert. 29: 199. 1931.
N.W. India.

Cyperus stoloniferus Retz., Obs. Bot. 4: 10. 1786; C.B.Cl. in Hook. f., Fl. Brit. India 6: 615. 1893.
Peninsular & C. India, Andaman & Nicobar Islands.

Cyperus stricticulmis Govind. in Proc. Indian Acad. Sci. 81 B: 195. 1975.

Pycnus stricticulmis (Govind.) P.&V. Singh in J. Econ. Tax. Bot. 5: 467. 1984.
Tamil Nadu.

Cyperus tenuiculmis Boeck. in Linnaea 36: 286. 1870; Kern in Reinwardtia 3: 28. 1954 & 6: 53. 1961.

Cyperus zollingeri sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 613. 1893 non Steud.; Kern in Reinwardtia 2: 108. f. 6. 1952.

Cyperus zollingeri var. *condensatus* Kueckenth. in Engl. Pflanze., 101: 134. 1935.
Throughout India.

Cyperus tenuispica Steud., Syn. Cyp. 11. 1855; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1640. 1931 (3: 1139. 1967, Repr. ed.).

Cyperus flavidus sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 600. 1893 non Retz. 1789.
Throughout India.

Cyperus thomsoni Boeck. in Linnaea 36: 295. 1870; C.B.Cl. in Hook. f., Fl. Brit. India 6: 608. 1893.
C., N., E. & N.E. India.

Cyperus trialatus (Boeck.) Kern in Reinwardtia 3: 32, f. 1 & 2. 1954.

Scirpus trialatus Boeck. in Flora 42: 445. 1859.
India.

Cyperus trisulcus D. Don, Prodr. Fl. Nepal. 39. 1825; C.B.Cl. in Hook. f., Fl. Brit. India 6: 619. 1893.
Nepal.

DIPLACRUM R. Br., Prodr. 240. 1810.

Diplacrum caricinum R. Br., Prodr. 241. 1810.

Scleria caricina (R.Br.) Bth., Fl. Austral. 7: 426. 1878; C.B.Cl. in Hook. f., Fl. Brit. India 6: 688. 1894.
Throughout the plains of India, Andaman & Nicobar Islands.

ELEOCHARIS R. Br., Prodr. 224. 1810.

Eleocharis acicularis (L.) R. & S., Syst. Veg. 2: 154. 1817; C.B.Cl. in Hook. f., Fl. Brit. India 6: 628. 1893.

Scirpus acicularis L., Sp. Pl. 71. 1753.
Peninsular India.

Eleocharis acutangula (Roxb.) Schult. in R. & S., Mant. 2: 91. 1824.

Scirpus acutangulus Roxb., Fl. Ind. 1: 216. 1820.

Eleocharis fistulosa Schult. in R. & S., Mant. 2: 89. 1824; C.B.Cl. in Hook. f., Fl. Brit. India 6: 626. 1893.
N.E. India southwards.

Eleocharis atropurpurea (Retz.) J. & K. Presl, Rel. Haenk. 1: 196. 1828 *excl. specim. cit.*; C.B.Cl. in Hook. f., Fl. Brit. India 6: 627. 1893.

Scirpus atropurpureus Retz., Obs. Bot. 5: 14. 1789.
Throughout India.

Eleocharis confervoides (Poir.) T.Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 267. 1985.

Scirpus confervoides Poir. in Lam., Encycl. 6: 755. 1805.

Scirpus submersus C.H. Wright ex Sauvalle in Anales Acad. Ci.Med. Habana 8:79. 1871; C.B.Cl. in Hook. f., Fl. Brit. India 6: 653. 1893.
India (locality?).

Eleocharis congesta D. Don, Prodr. Fl. Nepal. 41. 1825; C.B.Cl. in Hook. f., Fl. Brit. India 6: 630. 1893.

Eleocharis afflata Steud., Syn. Cyp. 2: 76. 1855; C.B.Cl. in Hook. f., l.c. 629.

- Eleocharis subvivipara* Boeck. in Linnaea 36: 424. 1870; C.B.Cl. in Hook. f., l.c.
- Eleocharis chaetaria* var. *subvivipara* (Boeck.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1648. 1931 (3: 1145. 1967, Repr. ed.).
- Eleocharis congesta* var. *subvivipara* (Boeck.) T. Koyama in J. Fac. Sci. Univ. Tokyo 3, 8: 90. 1962.
- ssp. *congesta*.
Throughout India.
- ssp. *japonica* (Miq.) T. Koyama, Fl. Taiwan 5: 220, t. 1324. 1978 & in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 264. 1985.
- Eleocharis japonica* Miq., Ann. Mus. Bot. Lugd.-Bat. 2: 142. 1865.
India (locality?).
- Eleocharis dulcis* (Burm. f.) Trin. ex Henschel. Vita Rumph. 186. 1833.
- Andropogon dulce* Burm. f., Fl. Ind. 219. 1768.
- Scirpus plantagineus* Retz., Obs. Bot. 5: 14. 1789.
- Eleocharis plantaginea* (Retz.) R. & S., Syst. Veg. 2: 150. 1817; C.B.Cl. in Hook. f., Fl. Brit. India 6: 625. 1893.
Throughout India.
- Eleocharis geniculata* (L.) R.&S., Syst. Veg. 2: 150. 1817.
- Scirpus geniculatus* L., Sp. Pl. 48. 1753.
- Eleocharis capitata* R.Br., Prodr. 225. 1810 non *Scirpus capitatus* L. 1753.
E., N. & C. India southwards, Andaman & Nicobar Islands.
- Eleocharis mitracarpa* Steud., Syn. Cyp. 77. 1855; R.R. Stewart in Bull. Bot. Surv. India 9: 158. (1967) 1968.
N.W. Himalaya.
- Eleocharis obscura* T. Koyama in Acta Phytotax. Geobot. 17: 102. 1958; R.R. Stewart in Bull. Bot. Surv. India 9: 158. (1967) 1968.
N.W. Himalaya.
- Eleocharis oebrostachys* Steud., Syn. Cyp. 2: 80. 1855; C.B.Cl. in Hook. f., Fl. Brit. India 6: 626. 1893; Kern in Steenis, Fl. Males. 1, 7: 528. 1974.
- Scirpus laxiflorus* Thw., Enum. Pl. Zeyl. 435. 1864.
- Eleocharis variegata* Kunth var. *laxiflora* (Thw.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 626. 1893.
N.E. India.
- Eleocharis ovata* R. Br., Prodr. 224. 1810; C.B.Cl. in Hook. f., Fl. Brit. India 6: 628. 1893.
India.
- Eleocharis oxylepis* B. Fed., Rast. Turkestan 165. 1915; R.R. Stewart in Bull. Bot. Surv. India 9: 158. (1967) 1968.
N.W. Himalaya.
- Eleocharis palustris* (L.) R.Br., Prodr. 224. 1810; C.B.Cl. in Hook. f., Fl. Brit. India 6: 628. 1893.
- Scirpus palustris* L., Sp. Pl. 70. 1753.
- var. *palustris*.
N.W. to C. Himalaya, C., E. & N.E. India.
- var. *major* C.B.Cl. in Bot. Jahrb. 30, Beib. 68: 24. 1901; Kak in J. Econ. Tax. Bot. 5: 691. 1984.
N.W. Himalaya.
- Eleocharis parishii* Britton in J. New York Micros. Soc. 5: 110. 1889; Kak in J. Econ. Tax. Bot. 5: 690. 1984.
N.W. Himalaya.
- Eleocharis quinqueflora* (F.X. Hartm.) G. Schwarz in Mitt. Thür. Bot. Ges. 1: 89. 1949.
- Scirpus quinqueflorus* F.X. Hartm., Prim. Lin. Inst. Bot. 85. 1767.
- Scirpus pauciflorus* Lightf., Fl. Scot. 1078. 1778; C.B. Cl. in Hook. f., Fl. Brit. India 6: 654. 1893.
- Eleocharis pauciflora* (Lightf.) Link, Hort. Bot. Berol. 1: 284. 1827.
N.W. to C. Himalaya.
- Eleocharis retroflexa* (Poir.) Urb., Symb. Antill. 2: 165. 1900.
- Scirpus retroflexus* Poir. in Lam., Encycl. 6: 753. 1804.
- Eleocharis chaetaria* R.&S., Syst. Veg. 2: 154. 1817; C.B.Cl. in Hook. f., Fl. Brit. India 6: 629. 1893.
- Eleocharis retroflexa* ssp. *chaetaria* (R.&S.) T. Koyama in Bull. Nat. Sci. Mus. Tokyo 17: 68. 1974.
E. India southwards, Andaman & Nicobar Islands.

Eleocharis spiralis (Rottb.) R. & S., Syst. Veg. 2: 155. 1817; C.B.Cl. in Hook. f., Fl. Brit. India 6: 627. 1893.

Scirpus spiralis Rottb., Descr. Ic. 45, t. 15, f. 1. 1773.

Peninsular to C. India.

Eleocharis swamyi Govind. in Proc. Indian Acad. Sci. (Plant Sci.) 94: 13, f. 1. 1985. S. India.

Eleocharis tetraquetra Nees in Wight, Contrib. Bot. Ind. 113. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 630. 1893.

Throughout India.

Eleocharis tuberculosa R. Br., Prodr. 224. 1810; Kak in J. Econ. Tax. Bot. 5: 691. 1984. N.W. Himalaya.

Eleocharis uniglumis (Link) Schult., Mant. 2: 88. 1824; Rau, High Alt. Pl. 192. 1975.

Scirpus uniglumis Link in Jahrb. 1: 3, 77. 1820.

Eleocharis palustris sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 628. 1893 *p.p. non* (L.) R. Br. 1810.

N.W. Himalaya.

ERIOPHORUM L., Sp. Pl. 52. 1753.

Eriophorum comosum (Wall.) Wallex Nees in Wight, Contrib. Bot. Ind. 110. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 664. 1893.

Scirpus comosus Wall. in Roxb., Fl. Ind. 1: 234. 1820.

In hilly tracts throughout India.

Eriophorum microstachyum Boeck. in Linnaea 38: 399. 1874; C.B.Cl. in Hook. f., Fl. Brit. India 6: 664. 1893.

Alpine Himalaya.

Eriophorum scheuchzeri Hoppe, Taschenb. 104. 1800; C.B.Cl. in Hook. f., Fl. Brit. India 6: 664. 1893.

N.W. Himalaya.

FIMBRISTYLIS Vahl, Enum. Pl. 2: 285. 1806 (*nom. cons.*).

Fimbristylis acicularis R. Br., Prodr. 226. 1810; Babu, Herb. Pl. Dehradun 564. 1977.

Fimbristylis acuminata sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 631. 1893 *p.p. non* Vahl, 1806.

N. India.

Fimbristylis acuminata Vahl, Enum. Pl. 2: 285. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 631. 1893.

Throughout India.

Fimbristylis aestivalis (Retz.) Vahl, Enum. Pl. 2: 288. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 637. 1893.

Scirpus aestivalis Retz., Obs. Bot. 4: 12. 1786.

Fimbristylis bis-umbellata sensu C.E.C.Fischer in Gamble, Fl. Pres. Madras 1898, 1936 (3: 1151. 1967, Repr. ed.) *non* Bub. 1850.

var. *aestivalis*.

Throughout India except N.W. region.

var. *major* Trim., Cat. Pl. Ceylon 101. 1855.

Fimbristylis aestivalis ssp. *major* (Trim.) T. Koyama in Bot. Mag., Tokyo 87: 325. 1974.

Fimbristylis aestivalis sensu C.B.Cl. in Hook. f., *i.e. p.p. non* Vahl, 1806.

Fimbristylis trimerii Hook. f. in Trim., Handb. Fl. Ceylon 5: 52. 1900. India.

var. *trichopoda* Kern in Blumea 12: 27. 1963. Peninsular India.

Fimbristylis aggregata C.E.C.Fischer in Kew Bull. 1931: 44. 1931.

S. India.

Fimbristylis albicans Nees in Wight, Contrib. Bot. Ind. 100. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 641. 1893.

Peninsular India.

Fimbristylis albo-viridis C.B.Cl. in Hook. f., Fl. Brit. India 6: 638. 1893 & in J. Linn. Soc. 34: 60. 1898.

W., C., E. & N.E. India, Andaman & Nicobar Islands.

Fimbristylis amplocarpa Govind. in Proc. Indian Acad. Sci. 80 B: 41. 1974.

Tamil Nadu.

Fimbristylis aphylla Steud., Syn. Cyp. 2: 144. 1855; Kern in Blumea 8: 117. 1955.

- Fimbristylis quinquangularis* Kunth var. *crassa* C.B. Cl. in Hook. f., Fl. Brit. India 6: 644. 1893.
S., N. & N.W. India.
- Fimbristylis argentea* (Rottb.) Vahl, Enum. Pl. 2: 294. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 640. 1893.
- Scirpus argenteus* Rottb., Progr. 27. 1772.
Peninsular, C., N. & E. India.
- Fimbristylis arnottiana* Boeck. in Linnæa 37:28. 1871; C.B.Cl. in Hook. f., Fl. Brit. India 6: 643. 1893.
Peninsular India.
- Fimbristylis bis-umbellata* (Forssk.) Bub., Dodec. 30. 1850.
- Scirpus bis-umbellatus* Forssk., Fl. Aeg.-Arab. 15. 1775.
- Fimbristylis dichotoma* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 635. 1893 *non* (L.) Vahl, 1806.
Throughout India.
- Fimbristylis carpopoda* Govind. in Proc. Indian Acad. Sci. 79 B: 160. 1974.
N.E. India.
- Fimbristylis cinnamometorum* (Vahl) Kunth, Enum. Pl. 2: 229. 1837.
- Scirpus cinnamometorum* Vahl, Enum. Pl. 2: 278. 1806.
- Fimbristylis cyperoides* R.Br. var. *cinnamometorum* (Vahl) C.B.Cl. in Hook. f., Fl. Brit. India 6: 650. 1893; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1659. 1931.
Peninsular, C. & N.E. India.
- Fimbristylis circumcellata* Govind. in Proc. Indian Acad. Sci. 79 B: 163. 1974.
N.E. India.
- Fimbristylis complanata* (Retz.) Link, Hort. Bot. Berol. 1: 292. 1827; C.B.Cl. in Hook. f., Fl. Brit. India 6: 646. 1893.
- Scirpus complanatus* Retz., Obs. Bot. 5: 14. 1789.
- var. *complanata*.
Throughout India.
- var. *fenestrata* C.B.Cl. in Hook. f., Fl. Brit. India 6: 646. 1893.
S. India.
- Fimbristylis consanguinea* Kunth, Enum. Pl. 2: 228. 1837; Kern in Steenis, Fl. Males. 1. 7: 549. 1974.
India (locality ?).
- Fimbristylis contorta* C.E.C. Fischer in Kew Bull. 1931: 45. 1931.
S. India.
- Fimbristylis crystallina* Govind. in Proc. Indian Acad. Sci. 79 B: 166. 1974.
Tamil Nadu.
- Fimbristylis cymosa* R. Br., Prodr. 228. 1810; Kern in Reinwardtia 6: 39. 1961 & in Steenis, Fl. Males. 1. 7: 557. 1974.
- Fimbristylis spathacea* Roth, Nov. Pl. Sp. 24. 1821.
- Fimbristylis cymosa* ssp. *spathacea* (Roth) T. Koyama in Micronesica 1: 33. 1964.
Peninsular, N. & E. India, Andaman & Nicobar Islands.
- Fimbristylis dauciformis* Govind. in Proc. Indian Acad. Sci. 76 B: 181. 1972.
Kerala.
- Fimbristylis dichotoma* (L.) Vahl Enum. Pl. 2: 287. 1806.
- Scirpus dichotomus* L., Sp. Pl. 50. 1753.
- Fimbristylis diphylla* Vahl, l.c. 289; C.B.Cl. in Hook. f., Fl. Brit. India 6: 636. 1893 *excl.* var. *pluristriata*.
- Fimbristylis diphylla* var. *annua* (R. & S.) C.B.Cl. in Hook. f., l.c. 637.
- Fimbristylis annua* R. & S. var. *paucispiculata* Blatt & McC. in J. Bombay nat. Hist. Soc. 37: 544. 1934.
- ssp. *dichotoma*.
- var. *dichotoma*.
Throughout India.
- var. *nilagrica* (C.B.Cl.) Karthik. *comb. nov.*
- Fimbristylis diphylla* var. *nilagrica* C.B.Cl. in Hook. f., Fl. Brit. India 6: 637. 1893.
Tamil Nadu (Nilgiris).
- ssp. *depauperata* (R. Br.) Kern in Steenis, Fl. Males. 1. 7: 576. 1974.
- Fimbristylis depauperata* R. Br., Prodr. 227. 1810.

Fimbristylis diphylla var. *depauperata* (R.Br.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 637. 1893.

Fimbristylis diphylla var. *spiractachys* C.B.Cl. in Hook. f., l.c.
N.E. India.

ssp. *glauca* (Vahl) T. Koyama in Bot. Mag., Tokyo 87: 324. 1974.

Fimbristylis glauca Vahl, Enum. Pl. 2: 288. 1806.

Fimbristylis diphylla sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 636. 1893 *p.p. non* Vahl 1806.
S. India.

Fimbristylis dipsacea (Rottb.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 635. 1893.

Scirpus dipsaceus Rottb., Descr. Ic. Pl. 56, t. 12, f.1. 1773.

Echinochloa dipsaceum (Rottb.) Desv. in J. Bot. 1: 21, t. 1. 1808.
Peninsular, C., E., N. & N.E. India.

Fimbristylis disticha Boeck. in Linnæa 38: 393. 1874; Kern in Reinwardtia 6: 43. 1961.
Andaman & Nicobar Islands.

Fimbristylis dura (Zoll. & Mor.) Merr. in Philipp. J. Sci. 11, Bot. 53. 1916; Kern in Steenis, Fl. Males. 1, 7: 554. 1974.

Isolepis dura Zoll. & Mor. in Mor., Syst. Verz. 97. 1846.

Fimbristylis asperima Boeck. in Linnæa 37: 40. 1871; C.B.Cl. in Hook. f., Fl. Brit. India 6: 643. 1893.
India (locality?).

Fimbristylis eligulata Govind. in Proc. Indian Acad. Sci. 76 B: 184. 1972.
Tamil Nadu.

Fimbristylis eragrostis (Nees & Mey. ex Nees) Hance in J. Linn. Soc., Bot. 13: 132. 1872; Kern in Reinwardtia 6: 41. 1961.

Abildgaardia eragrostis Nees & Mey. ex Nees in Wight, Contrib. Bot. Ind. 95. 1834.

Fimbristylis nigrobrunnea Thw., Enum. Pl. Zeyl. 434. 1864; C.B.Cl. in Hook. f., Fl. Brit. India 6: 648. 1893.

Fimbristylis eragrostis var. *nigrobrunnea* (Thw.) Hooper in Saldanha & Nicolson, Fl. Hassan Dt. 678. 1976.
Peninsular, C. & N.E. India, Nicobar Islands.

Fimbristylis falcata (Vahl) Kunth, Enum. Pl. 2: 239. 1837.

Scirpus falcatus Vahl, Enum. Pl. 2: 275. 1806.

Fimbristylis junceiformis Kunth, Enum. Pl. 2: 239. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 647. 1893.

var. *falcata*.
Throughout India.

var. *abbreviata* (Boeck.) Karthik. *comb. nov.*

Fimbristylis abbreviata Boeck. in Flora 41: 601. 1858.

Fimbristylis junceiformis var. *abbreviata* (Boeck.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 648. 1893.
S. India.

var. *latifolia* (Kunth) Naitani & Raiz. in Indian Forester 103: 414. 1977.

Fimbristylis latifolia Kunth, Enum. Pl. 2: 239. 1837.

Fimbristylis junceiformis Kunth var. *latifolia* (Kunth) C.B.Cl. in Hook. f., Fl. Brit. India 6: 648. 1893.
Peninsular & N. India.

Fimbristylis ferruginea (L.) Vahl, Enum. Pl. 2: 291. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 638. 1893.

Scirpus ferrugineus L., Sp. Pl. 50. 1753.
Throughout India.

Fimbristylis filifolia Boeck. in Linnæa 37: 32. 1871; C.B.Cl. in Hook. f., Fl. Brit. India 6: 643. 1893.
Sikkim Terai, N.E. India.

Fimbristylis fimbristylodes (F.v.Muell.) Druce in Rep. Bot. Exch. Cl. Brit. Isl. 1916: 623. 1917; A.S. Rao & Verma in Bull. Bot. Surv. India 22: 87. 1982.

Abildgaardia fimbristylodes F.v. Muell., Fragm. Phytogr. Austral. 8: 273. 1874.

Fimbristylis laevis Turr. in Kew Bull. 1911: 348. 1911.
N.E. India.

Fimbristylis fusca (Nees) C.B.Cl. in Hook. f., Fl. Brit. India 6: 649. 1893.

Abildgaardia fusca Nees in Wight, Contrib. Bot. Ind. 95. 1834.
C., N. & E. India, Andaman & Nicobar Islands.

- Fimbristylis fusciflora* C.B.Cl. in Hook. f., Fl. Brit. India 6: 638. 1893 *emend.* Kern in Blumea 10: 645. 1960.
N. India, Sikkim Terai.
- Fimbristylis griffithii* Boeck. in Flora 43: 241. 1860; Kern in Blumea 8: 142. 1955; A.S. Rao & Verma, Cyp. N.E. India 34. 1982.
- Fimbristylis aestivalis* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 637. 1893 *p.p. non* (Retz.) Vahl, 1806.
N.E. India, Andaman & Nicobar Islands.
- Fimbristylis hookeriana* Boeck. in Linnæa 37: 22. 1871; C.B.Cl. in Hook. f., Fl. Brit. India 6: 641. 1893.
E. & N.E. India.
- Fimbristylis insignis* Thw., Enum. Pl. Zeyl. 349. 1864; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1659. 1931 (3: 1151. 1967, Repr. ed.).
S. India, N.W. Himalaya.
- Fimbristylis intonsa* S.T.Blake in J. Arnold Arbor. 35: 221, f. 2. 1954; Kern in Blumea 15: 438. 1967.
- Fimbristylis disticha* Boeck. var. *kurzii* C.B.Cl. in Hook. f., Fl. Brit. India 6: 651. 1893.
C. & E. India, Sikkim Terai.
- Fimbristylis kingii* C.B.Cl. ex Boeck., Cyp. Nov. 2: 40. 1888; C.B.Cl. in Hook. f., Fl. Brit. India 6: 633. 1893.
- Fimbristylis subtrabeculata* C.B. Cl. in Hook. f., *l.c.*
S. India.
- Fimbristylis latiglumis* Govind. in J. Bombay nat. Hist. Soc. 69: 161. 1972.
Tamil Nadu.
- Fimbristylis latiuclifera* Govind. in J. Bombay nat. Hist. Soc. 69: 159. 1972.
Tamil Nadu.
- Fimbristylis lawiana* (Boeck.) Kern in Reinwardtia 4: 96. 1956.
- Scirpus lawianus* Boeck. in Linnæa 36: 497. 1869-70.
- Fimbristylis digitata* Boeck. in Flora 61: 35. 1878.
Peninsular India.
- Fimbristylis ligulata* Govind. in Proc. Indian Acad. Sci. 76 B: 187. 1972.
Peninsular India.
- Fimbristylis uttoralis* Gaud. in Freyc., Voy. Bot. 413. 1826.
- Fimbristylis miliacea* sensu Bth., Fl. Austral. 316. 1878; C.B.Cl. in Hook. f., Fl. Brit. India 6: 644. 1893 *p.p. omne non* Vahl, 1806 *non Scirpus miliaceus* L.
Peninsular, C. & N.E. India.
- Fimbristylis longistigmata* Govind. in Proc. Indian Acad. Sci. 76 B: 190. 1972.
Tamil Nadu.
- Fimbristylis merguensis* C.B.Cl. in Hook. f., Fl. Brit. India 6: 642. 1893; Naithani & Raiz. in Indian J. For. 1: 19, f. 1. 1978.
N. India.
- Fimbristylis microcarya* F.v. Muell., Fragm. Phyt. Austr. 1: 200. 1839.
- Fimbristylis complanata* var. *microcarya* (F.v.Muell.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 646. 1893 (*errore* 'microcarpa').
Peninsular India, Himalaya.
- Fimbristylis miliacea* (L.) Vahl, Enum. Pl. 2: 287. 1806 *emend.* S.T. Blake in J. Arnold Arbor. 35: 216. 1954; C.B.Cl. in Hook. f., Fl. Brit. India 6: 644. 1893.
- Scirpus miliaceus* L., Syst. Veg. ed. 10, 2: 868. 1759.
Throughout India.
- Fimbristylis monospicula* Govind. in Proc. Indian Acad. Sci. 79 B: 169. 1974.
S. India.
- Fimbristylis monticola* Hochst. ex Steud., Syn. Pl. Glum. 2: 111. 1855; C.B.Cl. in Hook. f., Fl. Brit. India 6: 642. 1893; T. Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 291. 1985.
S. India.
- Fimbristylis multicephala* Govind. in Proc. Indian Acad. Sci. 80 B: 44. 1974.
N. India.
- Fimbristylis multinervis* Govind. in J. Bombay nat. Hist. Soc. 69: 162. 1972.
N.E. India.
- Fimbristylis narayanii* C.E.C. Fischer in Kew Bull. 1931: 46. 1931.
S. India, N.W. Himalaya.
- Fimbristylis nutans* (Retz.) Vahl, Enum. Pl. 2: 285. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 632. 1893.

Scirpus nutans Retz., Obs. Bot. 4: 12. 1786.
S., C., N. & N.E. India, Nicobar Islands.

Fimbristylis obtusata (C.B.Cl.) Ridl., Fl. Malay. Pen. 5: 157. 1925.

Fimbristylis tenera R. & S. var. *obtusata* C.B.Cl. in Hook. f., Fl. Brit. India 6: 642. 1893.
E. India.

Fimbristylis ovata (Burm. f.) Kern in Blumea 15: 126. 1967.

Carex ovata Burm. f., Fl. Ind. 194. 1768.

Cyperus monostachyos L., Mant. 2: 180. 1771.

Fimbristylis monostachyos (L.) Hassk., Pl. Jav. Rar. 61. 1848 ('*monostachya*'); C.B.Cl. in Hook. f., Fl. Brit. India 6: 649. 1893.
Throughout India.

Fimbristylis paupercula Boeck. in Linnæa 38: 396. 1874; C.B.Cl. in Hook. f., Fl. Brit. India 6: 647. 1893.
S. India.

Fimbristylis pentaptera (Nees) Kunth, Enum. Pl. 2: 229. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 645. 1893.

Trichostylis pentaptera Nees in Wight, Contrib. Bot. Ind. 105. 1834.

Fimbristylis salbundia ssp. *pentaptera* (Nees) T. Koyama in Bot. Mag., Tokyo 87: 317. 1974.
S. India.

Fimbristylis pierotti Miq., Ann. Mus. Lugd. Bat. 2: 145. 1866; C.B.Cl. in Hook. f., Fl. Brit. India 6: 642. 1893.
E. & N.E. India, Himalaya.

Fimbristylis polytrichoides (Retz.) Vahl, Enum. Pl. 2: 248. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 632. 1893.

Scirpus polytrichoides Retz., Obs. Bot. 4: 11. 1786.

var. *polytrichoides*.
S., C. & E. India.

var. *halophila* Kurz ex C.B.Cl. in Hook. f., Fl. Brit. India 6: 632. 1893.
S. & E. India.

Fimbristylis pubisquama Kern in Blumea 8: 131. 1955.

Fimbristylis compressa Boeck. in Linnæa 38: 387. 1874 non R. & S. 1817; C.B.Cl. in Hook. f., Fl. Brit. India 6: 639. 1893.
S. India.

Fimbristylis pustulosa Govind. in Proc. Indian Acad. Sci. (Plant Sci.) 90: 444. 1981.
Tamil Nadu.

Fimbristylis quinquangularis (Vahl) Kunth, Enum. Pl. 2: 229. 1807; C.B.Cl. in Hook. f., Fl. Brit. India 6: 644. 1893.

Scirpus quinquangularis Vahl, Enum. Pl. 2: 279. 1806.
Throughout India.

Fimbristylis rectifolia Govind. in Proc. Indian Acad. Sci. 80 B: 46. 1974.
Tamil Nadu.

Fimbristylis rigiduscula Govind. in Proc. Indian Acad. Sci. 78 B: 45. 1973.
Tamil Nadu.

Fimbristylis rigidula Nees in Wight, Contrib. Bot. Ind. 99. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 640. 1893.
Himalaya, E. & N.E. India.

Fimbristylis rugosa Govind. in Proc. Indian Acad. Sci. 78 B: 48. 1973.
Tamil Nadu.

Fimbristylis salbundia (Nees) Kunth, Enum. Pl. 2: 230. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 646. 1893.

Trichostylis salbundia Nees in Wight, Contrib. Bot. Ind. 105. 1834.
C., E., N.E. & N.W. India.

Fimbristylis scabriscuama Govind. in Proc. Indian Acad. Sci. (Plant Sci.) 91: 43. 1982.
Tamil Nadu.

Fimbristylis schoenoides (Retz.) Vahl, Enum. Pl. 2: 286. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 634. 1893.

Scirpus schoenoides Retz., Obs. Bot. 5: 14. 1789.
Throughout India.

Fimbristylis semidisticha Govind. in Proc. Indian Acad. Sci. 78 B: 51. 1973.
S. India.

Fimbristylis sericea R. Br., Prodr. 228. 1810; C.B.Cl. in Hook. f., Fl. Brit. India 6: 641. 1893.
E. India.

- Fimbristylis sieberiana* Kunth, Enum. Pl. 2: 237. 1837; Kern in Steenis, Fl. Males. 1, 7: 572. 1974.
- Fimbristylis ferruginea* Decne. in Nouv. Ann. Mus. Hist. Nat. Paris 3: 352. 1834 non (L.) Vahl, 1806.
Peninsular, N.W. & N. India.
- Fimbristylis steumeri* Kern in Blumea 15: 437. 1968.
N.E. India.
- Fimbristylis squarrosa* Vahl, Enum. Pl. 2: 289. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 635. 1893.
Throughout India.
- Fimbristylis stolonifera* C.B.Cl. in Hook. f., Fl. Brit. India 6: 637. 1893.
var. *stolonifera*.
C., E & N.E. India.
- var. *indens* C.B.Cl. in Hook. f., Fl. Brit. India 6: 637. 1893.
N.E. India.
- Fimbristylis strigosa* Govind. in Proc. Indian Acad. Sci. 78 B: 54. 1973.
Tamil Nadu.
- Fimbristylis swamyi* Govind. in Proc. Indian Acad. Sci. (Plant Sci.) 94: 15, f. 3. 1985.
S. India.
- Fimbristylis tenera* Schult. in R. & S., Syst. Veg. 2: Mant. 57. 1824; C.B.Cl. in Hook. f., Fl. Brit. India 6: 642. 1893.
var. *tenera*.
Peninsular, C. & N. India; Bhutan.
- var. *oxylepis* (Steud.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 642. 1893.
- Fimbristylis oxylepis* Steud., Syn. Cyp. 110. 1855.
- Fimbristylis tenera* var. *verrucosum* C.B.Cl. ex Haines, Bot. Bih. Orissa 3: 961. 1961, Repr. ed. E. India southwards.
- Fimbristylis tetragona* R. Br., Prodr. 226. 1810; C.B.Cl. in Hook. f., Fl. Brit. India 6: 631. 1893.
Throughout India, except N.W. India.
- Fimbristylis thomsonii* Boeck. in Linnaea 37: 37. 1871; C.B.Cl. in Hook. f., Fl. Brit. India 6: 646. 1893.
E. & N.W. India, E. Himalaya.
- Fimbristylis thouarsii* (Kunth) Merr., Enum. Philipp. Fl. Pl. 1: 127. 1923; T. Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 281. 1985.
- Arthrostylis thouarsii* Kunth, Enum. Pl. 2: 284. 1837.
- Fimbristylis actinoschoenus* C.B.Cl. in Hook. f., Fl. Brit. India 6: 650. 1893.
India (locality?).
- Fimbristylis tomentosa* Vahl, Enum. Pl. 2: 290. 1806; Kern in Steenis, Fl. Males. 1, 7: 576. 1974.
- Fimbristylis podocarpa* Nees & Mey. in Wight, Contrib. Bot. Ind. 98. 1834 p.p.; C.B.Cl. in Hook. f., Fl. Brit. India 6: 638. 1893.
- Fimbristylis diphylla* var. *pluristriata* C.B.Cl. in Hook. f., l.c. 637.
- Fimbristylis dichotoma* ssp. *podocarpa* (Nees & Mey.) T. Koyama in Micronesica 1: 87. 1964.
- Fimbristylis dichotoma* var. *pluristriata* (C.B.Cl.) Napper in Kew Bull. 25: 437. 1971.
- Fimbristylis tortifolia* Govind. in Proc. Indian Acad. Sci. (Plant Sci.) 91: 46. 1982.
Tamil Nadu.
- Fimbristylis triflora* (L.) Schum. ex Engl., Abh. Preuss. Akad. Wiss. 14. 1894; T. Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 271. 1985.
- Cyperus triflorus* L., Mant. 2: 180. 1771.
- Fimbristylis tristachya* Thw., Enum. Pl. Zeyl. 434. 1864 non R. Br. 1810.
S. India.
- Fimbristylis tristachya* R. Br., Prodr. 226. 1810; C.B.Cl. in Hook. f., Fl. Brit. India 6: 649. 1893; Kern in Reinwardtia 6: 45. 1961 & in Steenis, Fl. Males. 1, 7: 573. 1974.
- Fimbristylis sub-hispicata* sensu C.B.Cl. in Hook. f., l.c. 634 non Nees & Mey. 1843.
- Fimbristylis schoenoides* sensu C.B.Cl. in Hook. f., l.c. 634, p.p. non (Retz.) Vahl, 1806.
E. & N.E. India.
- Fimbristylis ubignosa* Steud., Syn. Pl. Glum. 109. 1855; C.B.Cl. in Hook. f., Fl. Brit. India 6: 648. 1893.
S. India.

Fimbristylis umbellaris (Lam.) Vahl, Enum. Pl. 2: 291. 1806; T. Koyama in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 112. 1978

Scirpus umbellaris Lam., Ill. 1: 141. 1791.

Scirpus globulosus Retz., Obs. Bot. 6: 19. 1791.

Fimbristylis torresiana Gaud. in Freyc., Voy. Bot. 413. 1829.

Fimbristylis globulosa (Retz.) Kunth, Enum. Pl. 2: 231. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 644. 1893.

Fimbristylis globulosa var. *torresiana* (Gaud.) C.B.Cl. in Hook. f., *l.c.* 645.

Fimbristylis assamica C.B.Cl. ex Guha Bakshi in Bull. Bot. Soc. Bengal 24: 111. 1970.

var. *umbellaris*.

E., N.E. & N. India, Andaman & Nicobar Islands.

var. *vicaryi* (C.B.Cl.) Karthik. *comb. nov.*

Fimbristylis globulosa (Retz.) Kunth var. *vicaryi* C.B.Cl. in Hook. f., Fl. Brit. India 6: 645. 1893. N. India.

Fimbristylis unispicularis Govind. & Hemadri in Proc. Indian Acad. Sci. 82 B: 205. 1975. Maharashtra.

Fimbristylis velata R. Br., Prodr. 227. 1810; Govind. in Reinwardtia 8: 511. 1974.

Fimbristylis squarrosa Vahl var. *esquarrosa* Makino in Bot. Mag., Tokyo 17: 47. 1903.

Fimbristylis dichotoma (L.) Vahl var. *villosa* C.E.C. Fischer in Gamble, Fl. Prae. Madras 1658. 1931.

Fimbristylis bisumbellata (Forssk.) Bub. var. *hirtistyla* C.E.C. Fischer in Kew Bull. 1935: 150. 1935.

Fimbristylis aestivalis (Retz.) Vahl var. *esquarrosa* (Makino) T. Koyama in J. Fac. Sci. Univ. Tokyo 3, 8: 116. 1961. S. & E. India.

Fimbristylis woodrowii C.B.Cl. in Kew Bull. 1898: 227. 1898 & J. Linn. Soc. 34: 688. 1898. Peninsular India.

Fimbristylis yunnanensis C.B.Cl. in J. Linn. Soc. 36: 247. 1903; A.S. Rao & Verma in Bull. Bot. Surv. India 22: 90. (1980) 1982. N.E. India.

Fuirena Roitb., Descr. Ic. Nov. Pl. 70. 1773.

Fuirena ciliaris (L.) Roxb., Fl. Ind. 1: 184. 1820.

Scirpus ciliaris L., Mant. Alt. 182. 1771.

Fuirena glomerata Lam., Ill. 1: 150. 1791; C.B.Cl. in Hook. f., Fl. Brit. India 6: 666. 1893. Throughout India.

Fuirena pubescens (Lam.) Kunth, Enum. Pl. 2: 182. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 665. 1893.

Scirpus pubescens Lam., Ill. 1: 139. 1792.

var. *pubescens*.

C., W. & N.W. India.

var. *pergamentea* C.E.C. Fischer in Gamble, Fl. Prae. Madras 1669. 1931 (3: 1158. 1967, Repr. ed.). S. India.

Fuirena swamyii Govind. in Proc. Indian Acad. Sci. (Plant Sci.) 94: 17, f. 4. 1985. Tamil Nadu.

Fuirena trilobites C.B.Cl. in Hook. f., Fl. Brit. India 6: 666. 1893. S. India.

Fuirena tuwensis M.B. Deshpande & Shah in Bull. Bot. Surv. India 10: 239. 1969. C. & W. India.

Fuirena umbellata Roitb., Progr. 27. 1772; C.B.Cl. in Hook. f., Fl. Brit. India 6: 666. 1893. Throughout India except N.W.

Fuirena uncinata (Willd.) Kunth, Enum. Pl. 2: 184. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 666. 1893.

Scirpus capitatus Burm. f., Fl. Ind. 21. 1768 non L. 1753.

Scirpus uncinatus Willd., Sp. Pl. 1: 300. 1798.

Fuirena capitata (Burm. f.) T. Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 151. 1985. Peninsular & W. India.

Fuirena wallchiana Kunth, Enum. Pl. 2: 182. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 665. 1893.

var. *wallchiana*.

Peninsular, C. & N.W. India.

var. *evoluta* C.B.Cl. in Hook. f., Fl. Brit. India 6: 666. 1893.
N.W. India.

HEMICARPHA Nees in Linnaea 9: 287. 1834.

Hemicarpha isolepis Nees in Arn., Edinb. New Phil. J. 17: 263. 1834.

Scirpus isolepis (Nees) Boeck. in Linnaea 36: 498. 1870; C.B.Cl. in Hook. f., Fl. Brit. India 6: 663. 1893.
S., C. & E. India.

HYPOLYTRUM L.C.Rich. in Pers., Syn. Pl. 1: 70. 1805.

Hypolytrum balakrishnanii Nootboom in Blumea 25: 319. 1979.
Andaman & Nicobar Islands.

Hypolytrum compactum Nees & Mey. ex Kunth, Enum. Pl. 2: 271. 1837; Kern in Steenis, Fl. Males. 1, 7: 492. 1974.
Andaman & Nicobar Islands.

Hypolytrum nemorum (Vahl) Spr., Syst. Veg. 1: 233. 1825; Kern in Blumea 9: 218. 1958.

Schoenus nemorum Vahl, Symb. Bot. 3: 8. 1794.

Hypolytrum latifolium L.C. Rich. in Pers., Syn. Pl. 1: 70. 1805; C.B.Cl. in Hook. f., Fl. Brit. India 6: 678. 1894.

Hypolytrum trinervium Kunth, Enum. Pl. 2: 272. 1837; C.B.Cl. in Hook. f., l.c. 679.

Hypolytrum wightianum Boeck. in Linnaea 37: 130. 1871; C.B.Cl. in Hook. f., l.c. 678.

ssp. *nemorum*.
S. & N.E. India, Andaman & Nicobar Islands.

ssp. *fusco-rubens* (T.Koyama) T.Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 140. 1985.

Hypolytrum fusco-rubens T. Koyama in Phytologia 20: 449, f. 1. 1970.
S. India.

INDOCOURTOISIA Bennet & Raiz. in Indian Forester 107: 432. 1981.

COURTOISIA Nees in Linnaea 9: 286. 1834 non Marchand 1830.

PSEUDOMARISCUS Rauschert in Taxon 31: 559. 1982.

Indocourtoisia cyperoides (Roxb.) Bennet & Raiz. in Indian Forester 107: 432. 1981.

Kyllinga cyperoides Roxb., Fl. Ind. 1: 187. 1820.

Mariscus cyperoides (Roxb.) A.Dietr. in L., Sp. Pl. ed. 6. 2: 438. 1833.

Courtoisia cyperoides (Roxb.) Nees in Linnaea 9: 286. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 625. 1893.

Cyperus pseudokyllingioides Kuekenh. in Engl., Pflanzenz. 101: 501. 1936.

Pseudomariscus cyperoides (Roxb.) Rauschert in Taxon 31: 559. 1982.

Throughout India except N.W. region.

ISOLEPIS R. Br., Prodr. 221. 1810.

Isolepis setacea (L.) R. Br., Prodr. 222. 1810; T. Koyama in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 112. 1978.

Scirpus setaceus L., Sp. Pl. 73. 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 654. 1893.
Temperate & Alpine Himalaya.

JUNCCELLUS C.B.Cl. in Hook. f., Fl. Brit. India 6: 594. 1893.

Juncellus alopecuroides (Rottb.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 595. 1893.

Cyperus alopecuroides Rottb., Descr. Pl. Rar. Progr. 20. 1772.
Throughout India.

Juncellus inundatus (Roxb.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 595. 1893.

Cyperus inundatus Roxb., Fl. Ind. 3: 201. 1832.

Cyperus diluvialis R. & S., Syst. Veg. 2: 124. 1824; Korta. in Bull. Bot. Surv. India 9: 237. (1967) 1968.
E. India.

Juncellus laevigatus (L.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 596. 1893.

Cyperus laevigatus L., Mant. 179. 1771.
S., C., N. & E. India.

Juncellus pygmaeus (Rottb.) C.B.Cl. in Hook. f., Fl. Brit. India 6:596. 1893.

Cyperus pygmaeus Rottb., Descr. Ic. 20, t. 14, f. 5. 1773.

Cyperus michelianus (L.) Link ssp. *pygmaeus* (Rottb.) Aschers. & Graebn., Syn. 2(2): 273. 1930.

Throughout India.

Juncellus serotinus (Rottb.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 594. 1893.

Cyperus serotinus Rottb., Progr. 18. 1772.
N.W. Himalaya, N. & E. India.

Juncellus stylosus (C.B.Cl.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 595. 1893.

Cyperus monti L. f. var. *stylosa* C.B.Cl. in J. Linn. Soc. 21: 73. 1885.
N.E. India.

KOBRESIA Willd., Sp. Pl. 4: 205. 1805.

Kobresia angusta C.B.Cl. in Hook. f., Fl. Brit. India 6: 695. 1894.
E. Himalaya.

Kobresia bellardii (All.) Degl. in Loisel., Fl. Gall. 2: 626. 1807; R.R. Stewart in Bull. Bot. Surv. India 9: 159. (1967) 1968.

Carex bellardii All., Fl. Pedem. 2: 264, t. 92, f. 2. 1785.
N.W. Himalaya.

Kobresia capillifolia (Decne.) C.B.Cl. in J. Linn. Soc. 20: 378. 1884 & in Hook. f., Fl. Brit. India 6: 697. 1894.

Elyna capillifolia Decne. in Jacquem., Voy. 4 (Bot): 173, t. 174. 1840.
N.W. to C. Himalaya.

Kobresia caricina Willd., Sp. Pl. 4: 206. 1805; T. Koyama in Hara et al., Enum. Fl. Pl. Nepal 1: 113. 1978.

Carex simpliciuscula Wahlenb. in Vet.-Akad. Nya Handl. Stockholm 141. 1803.

Kobresia simpliciuscula (Wahlenb.) Mackenzie in Bull. Torr. Bot. Cl. 1923: 349. 1923.
N.W. to C. Himalaya.

Kobresia cercostachys (Franch.) C.B.Cl. in J. Linn. Soc. 36: 267. 1903 p.p.; R.R. Stewart in Bull. Bot. Surv. India 9: 159. (1967) 1968.

Carex cercostachys Franch. in Bull. Soc. Pbotom. Paris 7, 8: 27. 1895 & in Nouv. Arch. Mus. Paris 8, 3: 191. 1896.
N.W. Himalaya.

Kobresia clarkeana (Kuekenh.) Kuekenh. in Engl., Pflanzenr. 38: 48. 1909.

Schoenoxiphium clarkeanum Kuekenh. in Bull. Herb. Boiss. 4, 2: 49. 1904.
E. Himalaya.

Kobresia curticeps (C.B.Cl.) Kuekenh. in Engl., Pflanzenr. 38: 47. 1909.

Carex curticeps C.B.Cl. in Hook. f., Fl. Brit. India 6: 729. 1894.
E. to C. Himalaya.

Kobresia curvata (Boott) Kuekenh. in Engl., Pflanzenr. 38: 48. 1909.

Carex curvata Boott, Illustr. 1:2, t. 5. 1858.
E. to C. Himalaya.

Kobresia curvirostris C.B.Cl. in Hook. f., Fl. Brit. India 6: 699. 1894.
E. Himalaya.

Kobresia densyi C.B.Cl. in Kew Bull. Addl. Ser. 8: 68. 1908; T. Koyama in Hara et al., Enum. Fl. Pl. Nepal 1: 113. 1978.

Kobresia schoenoides sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 697. 1894 non Boeck. 1875.

Kobresia pamiroalaica Ivanova in Schreder, Fl. Uzbek. 1: 347, 540. 1941.
Himalaya.

Kobresia duthlal C.B.Cl. in Hook. f., Fl. Brit. India 6: 697. 1894.
Himalaya.

Kobresia fissiglumis C.B.Cl. in Hook. f., Fl. Brit. India 6: 696. 1894.
C. Himalaya.

Kobresia fragilis C.B.Cl. in J. Linn. Soc. 36: 267. 1903; T. Koyama in Hara et al., Enum. Fl. Pl. Nepal 1: 113. 1978.
Nepal.

Kobresia gammel C.B.Cl. in Kew Bull. Addl. Ser. 8: 68. 1908.
E. Himalaya.

Kobresia govindarajalul Karthik. *nom. nov.*

Hemicarex hookeri C.B.Cl. in J. Linn. Soc. 20: 383. 1883 p.p.

Kobresia hookeri sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 695. 1894 *non* Boeck. 1874; Kuekenh. in Engl., Pflanzenr. 38:41. 1909. E. Himalaya.

Note: Since *Kobresia hookeri* Boeck. 1874 is conspecific to *Kobresia trinervis* (Nees) Boeck. the entity of C.B. Clarke requires a new name. The specific epithet is in honour of Prof. E. Govindarajulu, the noted Cyperologist of India.

Kobresia laxa Nees in Wight, Contrib. Bot. Ind. 119. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 698. 1894. Alpine Himalaya.

Kobresia macrantha Boeck., Cyp. Nov. 1:39. 1888; C.B.Cl. in Hook. f., Fl. Brit. India 6: 699. 1894. N.W. to C. Himalaya.

Kobresia nepalensis (Nees) Kuekenh. in Engl., Pflanzenr. 38: 40.1909.

Uncinia nepalensis Nees in Wight, Contrib. Bot. Ind. 129. 1834.

Carex linearis Boott, Illustr. 1: 51, t. 136. 1858; C.B.Cl. in Hook. f., Fl. Brit. India 6: 712. 1894.

var. *nepalensis*.
Himalaya.

var. *elachista* (C.B.Cl.) Kuekenh. in Engl., Pflanzenr. 38: 40. 1909.

Carex linearis var. *elachista* C.B.Cl. in Hook. f., Fl. Brit. India 6: 713. 1894. Nepal.

Kobresia nitens C.B.Cl. in J. Linn. Soc. 20: 379, t. 30, f. 7. 1883 & in Hook. f., Fl. Brit. India 6: 697. 1894. N.W. to C. Himalaya.

Kobresia prainii Kuekenh. in Bull. Herb. Boiss. 4, 2: 50. 1904 & in Engl., Pflanzenr. 38: 40. 1909. E. Himalaya.

Kobresia pygmaea (C.B.Cl.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 696. 1894.

Hemicarex pygmaea C.B.Cl. in J. Linn. Soc. 20: 383. 1883. Himalaya.

Kobresia royleana (Nees) Boeck. in Linnaea 39: 8. 1875; C.B.Cl. in Hook. f., Fl. Brit. India 6: 698. 1894.

Trilepis royleana Nees in Edinb. New Phil. J. 17: 267. 1834 & in Wight, Contrib. Bot. Ind. 119. 1834.

var. *royleana*.
Alpine Himalaya.

var. *humilis* (C.A.Mey.) Kuekenh. in Engl., Pflanzenr. 38: 46. 1909.

Elyna humilis C.A. Mey. apud Trautv. in Acta Horti. Petrop. 1: 21. 1871.

Kobresia persica Kuekenh. & Borum. in Oest. Bot. Z. 47: 133, Pl. 2. 1897. Himalaya.

var. *parvinox* T. Koyama in Acta Phytotax. Geobot. 16: 168. 1956; R.R. Stewart in Bull. Bot. Surv. India 9: 160. (1967) 1968. N.W. Himalaya.

Kobresia sanguinea (Boott) Raymond, Symb. Afghan. 6: 19. 1965.

Carex sanguinea Boott in Proc. Linn. Soc. 1: 285. 1877; C.B.Cl. in Hook. f., Fl. Brit. India 6:720. 1894. W. Himalaya.

Kobresia schoenoides (C.A.Mey.) Steud., Syn. Cyp. 246. 1855; C.B.Cl. in Hook. f., Fl. Brit. India 6:697. 1894.

Elyna schoenoides C.A.Mey. in Ledeb., Fl. Alt. 4: 235. 1833. Himalaya.

Kobresia seticulmis Boeck in Linnaea 39:3.1875; C.B.Cl. in Hook. f., Fl. Brit. India 6:695. 1894.

Hemicarex filicina C.B.Cl. in J.Linn.Soc. 20: 384. 1883.

Kobresia filicina (C.B.Cl.) C.B.Cl. in Hook. f.,l.c. 696. Himalaya.

Kobresia stikimensis Kuekenh. in Engl., Pflanzenr. 38: 47. 1909. N.E. India, E. to C. Himalaya.

Kobresia tibetica Maxim. in Melang. Biol. 11: 864. 1883; R.R. Stewart in Bull. Bot. Surv. India 9: 160. (1967) 1968.

Kobresia capillifolia var. *tibetica* (Maxim.) Kuekenh. in Engl., Pflanzenr. 38: 36. 1909. N.W. Himalaya.

Kobresia trinervis Boeck. in *Linnaea* 39: 4. 1875 (in nota); C.B.Cl. in Hook. f., *Fl. Brit. India* 6:695. 1894.

Carex trinervis Nees in Wight, *Contrib. Bot. Ind.* 120. 1834 *non* Degl., 1807.

Kobresia hookeri Boeck. in *Linnaea* 39: 4. 1875.

Kobresia hookeri var. *diotica* C.B.Cl. in Hook. f., *l.c.*

var. *trinervis*.
Himalaya.

var. *foliosa* (C.B.Cl.) Kuekenh. in *Engl. Pflanzent.* 38: 43. 1909.

Kobresia foliosa C.B.Cl. in Hook. f., *Fl. Brit. India* 6:696. 1894.
W. Himalaya.

Kobresia uncinoides (Boott) C.B.Cl. in Hook. f., *Fl. Brit. India* 6:698. 1894.

Carex uncinoides Boott, *Illustr.* 1: 8, t. 23. 1858.
E. to C. Himalaya.

Kobresia utriculata C.B.Cl. in *Kew Bull. Add.* Ser. 8: 67. 1908.
E. Himalaya.

Kobresia vaginosa C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 695. 1894.

Kobresia nepalensis var. *vaginosa* (C.B.Cl.) Kuekenh. in *Engl. Pflanzent.* 38: 40. 1909.
Himalaya.

Kobresia vidua (Boott ex C.B.Cl.) Kuekenh. in *Engl. Pflanzent.* 38: 40. 1909.

Carex vidua Boott ex C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 713. 1894.
E. to C. Himalaya.

Kobresia williamsii T. Koyama in *Bot. Mag. Tokyo* 86: 279, t. 3. 1973.
Nepal.

KYLLINGA Rottb., *Descr. & Ic. Nov. Pl.* 12. 1773 (*nom. cons.*).

Kyllinga brevifolia Rottb., *Descr. & Ic.* 13, t. 4, f. 3. 1773; C.B.Cl. in Hook. f., *Fl. Brit. India* 6:588. 1893; Gettiffe in *J.S. Afr. Bot.* 49: 287. 1983.

Cyperus brevifolius (Rottb.) Hassk., *Cat. Hort. Bogor* 24. 1844.

var. *brevifolia*.
Throughout India.

var. *leiolopsis* (Franch. & Sav.) Karthik. *comb. nov.*

Kyllinga monocephala var. *leiolopsis* Franch. & Sav., *Enum. Pl. Jap.* 2: 108. 1877.

Kyllinga brevifolia ssp. *leiolopsis* (Franch. & Sav.) T. Koyama in *Hara et al., Enum. Fl. Pl. Nepal* 1: 115. 1978.
Nepal.

var. *stellulata* (Valck-Sur.) Hooper (in Saldanha & Nicolson, *Fl. Hassan Dt.*, 687. 1976) ex *Karthik. comb. nov.*

Cyperus brevifolius (Rottb.) Hassk. var. *stellulatus* Valck-Sur., *Gesl. Cyp. Mal. Arch.* 48, t. 2, f. 5. 1898.
S. India.

Note : Hooper's new combination is invalid in the sense of Art. 33. 2 of ICBN, as she had not indicated the basionym with full reference. Hence it is validated here.

Kyllinga melanosperma Nees in Wight, *Contrib. Bot. Ind.* 91. 1834; C.B.Cl. in Hook. f., *Fl. Brit. India* 6:588. 1893; Gettiffe in *J.S. Afr. Bot.* 49: 296. 1983.

Cyperus melanospermus (Nees) Valck-Sur., *Gesl. Cyp. Mal. Arch.* 50, t. 2, f. 8. 1898.

ssp. *melanosperma*.
Peninsular India, C. & E. India.

ssp. *bifolia* (Miq.) Karthik. *comb. nov.*

Kyllinga bifolia Miq., *Fl. Ind. Bat.* 3: 293. 1856.

Cyperus melanospermus (Nees) Valck-Sur. ssp. *bifolius* (Miq.) Kato in *Reinwardtia* 3: 62, f. 12. 1954; Govind. in *Bull. Bot. Surv. India* 8: 352. (1956) 1967.
S. & N. India.

Kyllinga nemoralis (J.R. & G. Forst.) Dandy ex Hutch. & Dalziel, *Fl. W. Trop. Afr.* 2: 2: 487. 1936; Gettiffe in *J.S. Afr. Bot.* 49: 272. 1983.

Thryocephalon nemorale J.R. & G. Forst., *Charact. Gen. Pl.* 129, t. 65. 1776.

Kyllinga monocephala Rottb., *Descr. Ic. Nov. Pl.* 13, f. 4. 1773; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 588. 1893.

- Cyperus kyllingia* Endl., Cat. Hort. Vindob. 1: 94. 1842.
Throughout India.
- Kyllinga odorata* Vahl, Enum. Pl. 2: 382. 1806; Gettiffe in J.S. Afr. Bot. 49: 278. 1983.
- Kyllinga cylindrica* var. *subtriceps* Nees in Wight, Contrib. Bot. Ind. 91. 1834.
- Kyllinga cylindrica* Nees in Wight, l.c.; C.B.Cl. in Hook. f., Fl. Brit. India 6: 588. 1893.
- Cyperus sesquiflorus* (Torr.) Mattf. & Kuekenh. var. *cylindricus* (Nees) Kuekenh. in Engl., Pflanzenz. 101: 593. 1936.
- Cyperus sesquiflorus* var. *subtriceps* (Nees) T. Koyama in Quart. J. Taiwan Mus. 14: 192. 1961.
- Cyperus sesquiflorus* ssp. *cylindricus* (Nees) T. Koyama in Hara, Fl. E. Him. 389. 1966.
- Kyllinga odorata* ssp. *cylindrica* (Nees) T. Koyama in Gdn. Bull. Singapore 30: 161. 1977.
Throughout India.
- Kyllinga polyphylla* Willd. ex Kunth, Enum. Pl. 2: 134. 1837; Gettiffe in J.S. Afr. Bot. 49: 298. 1983.
- Cyperus aromaticus* (Ridl.) Mattf. & Kuekenh. in Engl., Pflanzenz. 101: 581. 1936.
- Kyllinga aromatica* Ridl. in Trans. Linn. Soc. Bot. 2, 2: 146. 1884.
India (Locality?).
- Kyllinga squamulata* Thonn. ex Vahl, Enum. Pl. 2: 381. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 589. 1893.
- Kyllinga metzii* Hochst. ex Steud., Syn. Cyp. 70. 1855.
- Cyperus metzii* (Hochst. ex Steud.) Mattf. & Kuekenh. in Pflanzenz. 101: 612. 1936.
Almost throughout India.
- Kyllinga tenuifolia* Steud., Syn. Pl. Glum. 2: 69. 1855; Hooper in Saldanha & Nicolson, Fl. Hassan Dt. 688. 1976.
- Kyllinga triceps* Rottb., Descr. Ic. 14, t. 4, f. 6, (excl. cit. Rheede) 1773 *nom. superfl.*; C.B.Cl. in Hook. f., Fl. Brit. India 6: 587. 1893.
- Kyllinga bulbosa* Beauv., Fl. d'Oware & Benin 1: 11, t. 8, f. 1. 1804.
- Cyperus triceps* (Rottb.) Endl., Cat. Hort. Vindob. 1: 94. 1842.
Throughout tropical India, excepting North-East.
- KYLLINGIELLA** R. Haines & Lye in Bot. Notis. 131: 176. 1978.
- Kyllingella microcephala* (Steud.) R. Haines & Lye in Bot. Notis. 131: 176. 1978.
- Kyllinga microcephala* Steud. in Flora 25: 597. 1842.
- Isolepis kyllingioides* A. Rich., Tent. Fl. Abyss. 2: 502. 1851.
- Scirpus kyllingioides* (A. Rich.) Boeck. in Linnaea 36: 733. 1870; C.B.Cl. in Hook. f., Fl. Brit. India 6: 662. 1893.
Peninsular, N., N.W. & C. India.
- LEPIRONIA** Pers., Syn. Pl. 1: 70. 1805.
- Lepironia articulata* (Retz.) Dom., Bibl. Bot. 85: 486. 1915; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1674. 1931 (3: 1161. 1967, Repr. ed.).
- Restio articulatus* Retz., Obs. Bot. 4: 14. 1786.
- Lepironia mucronata* L.C. Rich. in Pers., Syn. Pl. 1: 70. 1805; C.B.Cl. in Hook. f., Fl. Brit. India 6: 684. 1894.
Tarangambadi, Tamil Nadu.
- LIPOCARPHA** R. Br. in Tuckey. Narr. Exped. Congo 5: 459. 1818 (*nom. cons.*).
- Lipocarpus chinensis* (Osb.) Kern in Blumea, Suppl. 4: 167. 1958.
- Scirpus chinensis* Osb., Dagb. Ostind. Resa 220. 1757.
- Hypaelytrum argenteum* Vahl, Enum. Pl. 2: 283. 1806.
- Lipocarpus argentea* (Vahl) R. Br. ex Nees in Linnaea 9: 287. 1835; C.P.Cl. in Hook. f., Fl. Brit. India 6: 667. 1893.
Throughout India.
- Lipocarpus raynaldiana* Govind. in Adansonia 2, 20: 369. 1981.
Tamil Nadu.

Lipocarpus sphaelata (Vahl) Kunth, Enum. Pl. 2: 267. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6:667. 1893.

Hypaehtum sphaelatum Vahl, Enum. Pl. 2: 283. 1806.

Lipocarpus triceps Nees in Wight, Contrib. Bot. Ind. 92. 1834.
Throughout India.

MACHAERINA Vahl, Enum. Pl. 2: 238. 1806.

Machaerina rubiginosa (Spr.) T. Koyama in J. Fac. Sci. Univ. Tokyo 3, 8: 123. 1961.

Puirena rubiginosa Spr., Mant. Prima Fl. Hal. 29. 1807.

Baumea crassa Thw., Enum. Pl. Zeyl. 353. 1864.

Cladium riparium var. *crassa* (Thw.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 675. 1894.

Machaerina rubiginosa ssp. *crassa* (Thw.) T. Koyama in Bot. Mag., Tokyo 93: 352, f. 5. 1980.
E. & N.E. India.

MAPANIA Auhl., Hist. Pl. Guiane 47. 1775.

Mapania cuspidata (Miq.) Uitt. var. *angustifolia* (Uitt.) Uitt. in J. Arnold Arbor. 20:214.1939; Thothathri et al. in Indian Forester 98: 708. 1972.

Mapania petiolata var. *angustifolia* Uitt. in Rec. Trav. Bot. Neerl. 33: 282. 1936.
Andaman & Nicobar Islands.

Mapania palustris (Hassk. ex Steud.) F.-Vill., Nov. App. 309. 1882.

Pandanophyllum palustre Hassk. ex Steud., Syn. Pl. 2: 134. 1855.

Mapania andamanica C.B.Cl. in Hook. f., Fl. Brit. India 6: 681. 1894.

Mapania sithetensis C.B.Cl. in Hook. f., Lc. N.E. India, Andaman & Nicobar Islands.

Mapania zeylanica (Thw.) Bth. ex C.B.Cl. in Hook. f., Fl. Brit. India 6:682. 1894; T. Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 132. 1985.

Pandanophyllum zeylanicum Thw., Enum. Pl. Zeyl. 345, 433. 1864.
S. India.

MARISCUS Vahl, Enum. Pl. 2: 372. 1806
(*nom. cons.*).

Mariscus blatteri McC. in J. Bombay nat. Hist. Soc. 37: 532. 1934.
Maharashtra (Mahabaleshwar).

Mariscus clarkel (T. Cooke) T. Koyama in J. Jap. Bot. 51: 313. 1976 & Gard. Bull. Str. Settlement 30: 158. 1977.

Cyperus clarkei T. Cooke, Fl. Pres. Bombay 2: 873. 1908 (3: 387. 1967, Repr. ed.).

Kyllinga bulbosa Vahl, Enum. Pl. 2: 376. 1806
(*nota*).

Mariscus bulbosus C.B.Cl. in Hook. f., Fl. Brit. India 6: 620. 1893 *non* Steud. 1855.
Peninsular & N.W. India.

Mariscus compactus (Retz.) Boldingh, Zakfl. Landb. Java 77. 1916.

Cyperus compactus Retz., Obs. Bot. 5: 10. 1789.

Cyperus dilutus Vahl, Enum. Pl. 2: 357. 1806.

Mariscus microcephalus Presl, Rel. Haenk. 1: 182. 1830; C.B.Cl. in Hook. f., Fl. Brit. India 6: 624. 1893.

Mariscus dilutus (Vahl) Nees in Wight, Contrib. Bot. Ind. 90. 1834.
Throughout India.

Mariscus cyperinus (Retz.) Vahl, Enum. Pl. 2: 377. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 62f. 1893.

Kyllinga cyperina Retz., Obs. Bot. 6: 21. 1791.

Cyperus cyperinus (Retz.) Valek.-Sur., Gesl. Cyp. Mal. Arch. 154, t. 6, f. 10. 1898.

var. *cyperinus*.

Peninsular, N.W. & E. India, Andaman & Nicobar Islands.

var. *bengalensis* C.B.Cl. in Hook. f., Fl. Brit. India 6: 621. 1893.

Cyperus cyperinus var. *bengalensis* (C.B.Cl.) Kuekenh. in Engl. Pflanzeur. 101: 520. 1936.
E. & N.W. India, E. Himalaya.

var. *laxatus* (C.B.Cl.) Kuekenh. in Engl. Pflanzent. 101: 519. 1936.

Cyperus umbellatus C.B.Cl. var. *laxatus* C.B.Cl. in J. Linn. Soc. 21: 201. 1888.

Mariscus tenuifolius Schrad. ex Nees, Fl. Bras. 2: 46. 1842; C.B.Cl. in Hook. f., Fl. Brit. India 6:622. 1893.

Mariscus cyperinus ssp. *laxatus* (C.B.Cl.) T. Koyama in Gdns'. Bull. Singapore 30: 157. 1977.
Peninsular & E. India.

var. *maximus* C.B.Cl. in J. Linn. Soc. 34: 43. 1898.

Cyperus cyperinus var. *maximus* (C.B.Cl.) Kuekenh. in Engl. Pflanzent. 101: 520. 1936; Kern in Steenis, Fl. Males. 1, 7: 642. 1974; Raiz., Suppl. Duthie's Fl. Upper Gang. Pl. 295. 1976.
C. & N. India.

var. *pictus* (Nees) Karthik. *comb. nov.*

Mariscus pictus Nees in Wight, Contrib. Bot. Ind. 90. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6:621. 1893.

Cyperus cyperinus var. *pictus* (Nees) Kuekenh. in Engl., Pflanzent. 101: 519. 1936.
S. India.

Mariscus dubius (Rottb.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1644, 1931 (3: 1142. 1967, Repr. ed.).

Cyperus dubius Rottb., Descr. & Ic. Pl. 21, t. 4, f. 5. 1773.

Mariscus dregeanus Kunth, Enum. Pl. 2: 120. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 620. 1893.
S. & E. India.

Mariscus ferax (L.C. Rich.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 624. 1893.

Cyperus ferax L.C. Rich. in Act. Soc. Hist. Nat. Paris 1:106. 1792.

Cyperus odoratus L., Sp. Pl. 46. 1753; Kern in Steenis, Fl. Males. 1, 7: 645. 1974.
E. India, Andaman & Nicobar Islands.

Mariscus hookerianus C.B.Cl. in Hook. f., Fl. Brit. India 6:623. 1893.

Cyperus sikkimensis Kuekenh. in Engl. Pflanzent. 101: 467. 1936 (*non* *Cyperus hookerianus* Arn. nec *C. hookeri* Boeck.).
E. Himalaya.

Mariscus ischnos (Schlecht.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 623. 1893.

Cyperus ischnos Schlecht. in Bot. Zeit. 7: 99. 1849.
S. India.

Mariscus javanicus (Houtt.) Merr. & Mett. in Lingnan Sci. J. 21: 4. 1945; T. Koyama in Gdns'. Bull. Singapore 30: 153. 1977.

Cyperus javanicus Houtt., Nat. Hist. 2: 13; Aanw. Pl. 1, 7: t. 88, f. 1. 1782.

Cyperus pennatus Lam., Ill. 1: 144. 1791.

Mariscus albescens Gaud. in Freyc., Voy. Bot. 415. 1826; C.B.Cl. in Hook. f., Fl. Brit. India 6: 623. 1893.

Mariscus pennatus (Lam.) Dom. in Biblioth. Bot. 85: 440. 1915.
S. & E. India, Andaman & Nicobar Islands.

Mariscus konkanensis (T. Cooke) Sedgw. in J. Bombay nat. Hist. Soc. 25: 698. 1918.

Cyperus konkanensis T. Cooke, Fl. Pres. Bombay 2: 874. 1908.
Maharashtra.

Mariscus maderaspatanus (Willd.) Napper in I.E. Afr. Nat. Hist. Soc. 28, 124: 10. 1971; Hooper in Saldanha & Nicolson, Fl. Hassan Dt. 690. 1976.

Cyperus maderaspatanus Willd., Sp. Pl. 1: 278. 1798.

Mariscus squarrosus sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 623. 1893 *p.p. non* L. 1753.
Peninsular India.

Mariscus panicus (Rottb.) Vahl, Enum. Pl. 2: 378. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 620. 1893.

Kyllinga panicus Rottb., Descr. Ic. 15, t. 4, f. 1. 1773.

Cyperus panicus (Rottb.) Boeck. in Linnæa 36: 381. 1870.

var. *panicus*
Peninsular, C., E. & N.E. India.

var. *roxburghiana* C.B.Cl. in Hook. f., Fl. Brit. India 6: 621. 1893.

Cyperus panicus var. *roxburghianus* (C.B.Cl.) Kuekenh. in Engl., Pflanzenr. 101: 526. 1936.
W. Himalaya southwards.

Mariscus squarrosus (L.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 623. 1893; Hooper in Saldanha & Nicolson, Fl. Hassan Dt. 690. 1976.

Cyperus squarrosus L. in Turner, Cent. Pl. 2: 6. 1756.

Cyperus aristatus Roth., Descr. Pl. Rar. Progr. 22. 1772; C.B.Cl. in Hook. f., *l.c.* 606.

Mariscus aristatus (Roth.) Tang & Wang in Fl. Rep. Pop. Sin. 11: 178, t. 59, f. 12-13. 1961; T. Koyama in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 116. 1978.
Throughout India.

Mariscus sumatrensis (Retz.) Reynal in Adansonia 15: 110. 1975.

Kyllinga sumatrensis Retz., Obs. Bot. 4: 13. 1786.

Scirpus cyperoides L., Mant. 2: 181. 1771.

Mariscus sieberianus Nees ex C.B.Cl. in Hook. f., Fl. Brit. India 6: 622. 1893.

Cyperus cyperoides (L.) O. Ktze., Rev. Gen., Pl. 3: 333. 1898.

var. *sumatrensis*.
Throughout India.

var. *evolutior* (C.B.Cl.) Karthik, *comb. nov.*

Mariscus sieberianus var. *evolutior* C.B.Cl. in Hook. f., Fl. Brit. India 6: 622. 1893.

Cyperus cyperoides var. *evolutior* (C.B.Cl.) Kuekenh. in Sinenis 3: 80. 1932 & in Engl., Pflanzenr. 101: 516. 1936.
Throughout India except S. India.

var. *khasiana* (C.B.Cl.) Karthik, *comb. nov.*

Mariscus sieberianus var. *khasiana* C.B.Cl. in Hook. f., Fl. Brit. India 6: 623. 1893.

Cyperus cyperoides var. *khasiana* (C.B.Cl.) Kuekenh. in Engl., Pflanzenr. 101: 518. 1936.
E. & N.E. India.

var. *subcompositus* (C.B.Cl.) Karthik, *comb. nov.*

Mariscus sieberianus var. *subcompositus* C.B.Cl. in Hook. f., Fl. Brit. India 6: 622. 1893.

Cyperus cyperoides var. *subcompositus* (C.B.Cl.) Kuekenh. in Engl., Pflanzenr. 101: 516. 1936.
Peninsular India, W. Himalaya.

MICROSCHOENUS C.B.Cl. in Hook. f., Fl. Brit. India 6: 675. 1894.

Microschoenus duthiei C.B.Cl. in Hook. f., Fl. Brit. India 6: 675. 1894.
W. Himalaya.

PYCREUS P. Beauv., Fl. Oware 2: 48. 1816.

Pycrus hotel S.M. Almeida in J. Bombay nat. Hist. Soc. 83: 180, t. 1, f. 1. 1986.
Maharashtra.

Pycrus diaphanus (Schrad. ex R. & S.) Hooper & T. Koyama in J. Jap. Bot. 51: 316. 1976.

Cyperus diaphanus Schrad. ex R. & S., Mant. 2: 477. 1824.

Cyperus laterispicatus Boeck. in Flora 42: 433. 1859.

Pycrus laterispicatus (Boeck.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 590. 1893.

Cyperus diaphanus var. *laterispicatus* (Boeck.) Kern in Steenis, Fl. Males 1, 7: 653. 1974.

var. *diaphanus*.

S., E. & N.E. India, Himalaya.

var. *acaulis* (C.B.Cl.) Karthik, *comb. nov.*

Cyperus laterispicatus var. *acaulis* C.B.Cl. in J. Linn. Soc. 21: 41. 1884; A.S. Rao & Verma in Bull. Bot. Surv. India 22: 86. 1980.
N.E. India.

var. *gracilescens* (Kuekenh.) Hooper in Saldanha & Nicolson, Fl. Hassan Dt. 692. 1976.

Cyperus laterispicatus var. *gracilescens* Kuekenh. in Engl., Pflanzenr. 101: 393. 1936.

Cyperus diaphanus var. *gracilescens* (Kuekenh.) Saxena in Indian Forester 99: 505. 1973.
Peninsular & C. India.

Pycrus flavescens (L.) Reichb., Fl. Germ. Excurs. 72. 1830; C.B.Cl. in Hook. f., Fl. Brit. India 6: 580. 1893.

Cyperus flavescens L., Sp. Pl. 68. 1753.
Peninsular & N.W.India.

Pycereus flavidus (Retz.) T. Koyama in J. Jap. Bot. 51: 316. 1976.

Cyperus flavidus Retz., Obs. Bot. 5: 13. 1789.

Cyperus globosus All., Fl. Pedem. 49. 1789 non Forssk. 1775.

Cyperus capillaris Kuhn. ex Roxb., Fl. Ind. 1: 198. 1820.

Pycereus globosus (All.) Reichenb., Fl. Germ. Excurs. 2: 140. 1830.

Pycereus capillaris (Koen. ex Roxb.) Nees ex C.B.Cl. in Hook. f., Fl. Brit. India 6: 591. 1893.

var. *flavidus*.
Throughout India.

var. *erectus* (C.B.Cl.) Karthik. *comb. nov.*

Pycereus globosus var. *erectus* C.B.Cl. in J. Linn. Soc. 34: 15. 1898 & 36: 205. 1903.

Cyperus globosus var. *erectus* (C.B.Cl.) Kukenuth. in Engl., Pflanzenr. 101: 356. 1936.

Cyperus flavidus var. *erectus* (C.B.Cl.) Korla. in Bull. Bot. Surv. India 9: 236. (1967) 1968.
N.E. India.

var. *hasianus* (C.B.Cl.) Karthik. *comb. nov.*

Cyperus globosus var. *hasianus* C.B.Cl. in J. Linn. Soc. 21: 48. 1884.

Cyperus flavidus var. *hasianus* (C.B.Cl.) Korla. in Bull. Bot. Surv. India 9: 237. (1967) 1968.
N.E. India.

var. *nilagiricus* (Hochst. ex Steud.) Karthik. *comb. nov.*

Cyperus nilagiricus Hochst. ex Steud., Syn. Pl. Glum. 2: 2. 1855.

Pycereus capillaris var. *nilagiricus* (Hochst. ex Steud.) C.B.Cl. in J. Linn. Soc. 21: 49. 1884 & in Hook. f., Fl. Brit. India 6: 592. 1893.

Pycereus globosus var. *nilagiricus* (Hochst. ex Steud.) C.B.Cl. in J. Linn. Soc. 36: 204. 1903.

Cyperus flavidus var. *nilagiricus* (Hochst. ex Steud.) Korla. in Bull. Bot. Surv. India 9: 237. (1967) 1968.
Peninsular, N., E. & N.E. India.

var. *strictus* (Roxb.) Karthik. *comb. nov.*

Cyperus strictus Roxb., Fl. Ind. 1: 200. 1820.

Pycereus capillaris var. *stricta* (Roxb.) C.B.Cl. in J. Linn. Soc. 21: 49. 1884 & in Hook. f., Fl. Brit. India 6: 592. 1893.

Cyperus flavidus var. *strictus* (Roxb.) Korla. in Bull. Bot. Surv. India 9: 237. (1967) 1968.
N.W. to N.E., E. & W. India.

Pycereus laneslotii S.M. Almeida in J. Bombay nat. Hist. Soc. 83: 182, t.1, f.1. 1986.
Maharashtra.

Pycereus macrostachyos (Lam.) J. Raynal in Kew Bull. 23: 314. 1969; Hooper in Saldanha & Nicolson, Fl. Hassan Dt. 692. 1967.

Cyperus macrostachyos Lam., Ill. Gen. 1: 147. 1791.

Cyperus flavicomus Michx., Fl. bor.-Amer. 1: 27. 1803; Tucker in Rhodora 87: 540. 1985.

Pycereus albomarginatus Nees in Mart., Fl. Bras. 2, 1: 9. 1842; C.B.Cl. in Hook. f., Fl. Brit. India 6: 594. 1893.

Cyperus albomarginatus Mart. & Schrad. ex Nees in Mart., Fl. Bras. 2, 1: 9. 1842.
Peninsular India.

Pycereus malabaricus C.B.Cl. in J. Linn. Soc. 34: 12. 1898.

Cyperus malabaricus (C.B.Cl.) T. Cooke. Fl. Pres. Bombay 2: 856. 1908 (3: 369. 1967, Repr. ed.).
Peninsular India.

Pycereus micans (Kunth) Karthik. *comb. nov.*

Cyperus micans Kunth, Enum. Pl. 2: 12. 1837.

Cyperus ferrugineus Poir. in Lam., Encycl. 7: 261. 1806 non L., 1753.

Pycereus ferrugineus (Poir.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 593. 1893.
Peninsular India.

Pycereus polystachyos (Roxb.) P. Beauv., Fl. Oware 2: 48, t. 86, f. 2. 1807; C.B.Cl. in Hook. f., Fl. Brit. India 6: 592. 1893.

Cyperus polystachyos Rottb., Descr. Ic. 39, t. 11, f. 1. 1773.

Pycereus odoratus Urb., Symb. Antill. 2: 164. 1900 non *Cyperus odoratus* L., 1753.

var. *polystachyos*.

Peninsular, C., E. & N.E. India, Andaman & Nicobar Islands.

var. *laxiflorus* (Bth.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 592. 1893.

Cyperus polystachyos var. *laxiflorus* Bth., Fl. Austr. 6: 261. 1878.
Peninsular India.

Pycereus pumilus (L.) Nees ex C.B.Cl. in Hook. f., Fl. Brit. India 6: 591. 1893.

Cyperus pumilus L., Cent. Pl. 2: 6. 1756.

Cyperus pygmaeus Retz., Obs. Bot. 4: 9. 1786; C.B.Cl. in Hook. f., l.c. 619.

Cyperus nitens Retz., Obs. Bot. 5: 13. 1789.

Cyperus pusillus Vahl, Enum. Pl. 2: 303. 1806; C.B.Cl. in Hook. f., l.c. 619.

Pycereus nitens (Retz.) Nees in Nova Acta Nat. Cur. 19, Suppl. 1: 53. 1843; C.B.Cl. in Hook. f., l.c. 591.

var. *pumilus*.
Throughout India.

var. *membranaceus* (Vahl) Karthik. *comb. nov.*

Cyperus membranaceus Vahl, Enum. Pl. 2: 330. 1806.

Cyperus pumilus L. var. *membranaceus* (Vahl) Kuekenh. in Engl., Pflanzenr. 101: 376. 1936.

Pycereus pumilus ssp. *membranaceus* (Vahl) T. Koyama in Gdns' Bull. Singapore 30: 151. 1977.

Throughout India.

Pycereus puncticulatus (Vahl) Nees in Mart., Fl. Bras. 2: 10. 1842, in nota; C.B.Cl. in Hook. f., Fl. Brit. India 6: 593. 1893.

Cyperus puncticulatus Vahl, Enum. Pl. 2: 348. 1806.

var. *puncticulatus*.
S. India.

var. *quinquagintiflorus* C.B.Cl. in Hook. f., Fl. Brit. India 6: 594. 1893.
S. India.

Pycereus sanguinolentus (Vahl) Nees ex C.B.Cl. in Hook. f., Fl. Brit. India 6: 590. 1893.

Cyperus sanguinolentus Vahl, Enum. Pl. 2: 351. 1806.

ssp. *sanguinolentus*.

var. *sanguinolentus*.
Throughout India.

var. *miconux* (C.B.Cl.) Karthik. *comb. nov.*

Cyperus eragrostis var. *miconux* C.B.Cl. in J. Linn. Soc. 21: 59. 1884.

Cyperus sanguinolentus var. *miconux* (C.B.Cl.) Kuekenh. in Engl., Pflanzenr. 101: 387. 1936.
N. & N.E. India.

ssp. *cyrtostachys* (Miq.) Karthik. *comb. nov.*

Cyperus eragrostis var. *cyrtostachys* Miq., Fl. Ind. Bat. 3: 257. 1859.

Cyperus sanguinolentus ssp. *cyrtostachys* (Miq.) Kern in Reinwardtia 3: 57. 1954.
C. & N. India, Andaman & Nicobar Islands.

ssp. *melanocephalus* (Miq.) Karthik. *comb. nov.*

Cyperus melanocephalus Miq., Fl. Ind. Bat. 3: 259. 1859.

Cyperus sanguinolentus f. *melanocephalus* (Miq.) Kuekenh. in Engl., Pflanzenr. 101: 387. 1936.

Cyperus sanguinolentus ssp. *melanocephalus* (Miq.) Kern in Reinwardtia 3: 55. 1954.
N.E. India, Himalaya.

ssp. *sacer* (Koria.) Karthik. *comb. nov.*

Cyperus sanguinolentus ssp. *sacer* Koria. in Bull. Bot. Surv. India 9: 235. (1967) 1968.
N. & E. India.

Pycereus stramineus C.B.Cl. in Hook. f., Fl. Brit. India 6: 589. 1893.

Cyperus stramineus Nees in Wight, Contrib. Bot. Ind. 74. 1834 non Desf. 1820.

Cyperus substramineus Kuekenh. in Engl., Pflanzenr. 101: 398. 1936.
Throughout India.

Pycereus sulcinux (C.B.Cl.) C.B.Cl. in Hook. f., Fl. Brit. India 6: 593. 1893.

Cyperus sulcinux C.B.Cl. in J. Linn. Soc. 21: 56. 1884.
S., E., N. & N.E. India.

Pycereus unioloides (R.Br.) Urb., Symb. Antill. 2: 164. 1900.

Cyperus unioloides R. Br., Prodr. 216. 1810.

- Pycreus angulatus* Nees in *Linnaea* 9: 283. 1834; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 593. 1893.
- Pycreus unioloides* var. *angulatus* (Nees) Dom. in *Bibl. Bot.* 85: 417. 1915.
- var. *unioloides*.
S., C., N. & N.E. India.
- var. *wightii* (C.B.Cl.) Karthik. *comb. nov.*
- Pycreus angulatus* var. *wightii* C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 593. 1893.
S. India.
- QUEENSLANDIELLA Dom. in *Bibl. Bot.* 85: 415. 1915.
- Queenlandiella hyalina* (Vahl) Ballard in Hook., *lc. Pl.* 33: t. 3208. 1933.
- Cyperus hyalinus* Vahl, *Enum. Pl.* 2: 329. 1806.
- Cyperus pumilus* Nees in Wight, *Contrib. Bot. Ind.* 74. 1834 *non* L. 1756.
- Pycreus pumilus* sensu C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 591. 1893 *non* Nees, 1834.
- Pycreus hyalinus* Dom. in *Bibl. Bot.* 85: 417. 1915.
- Mariscopsis hyalinus* (Vahl) Ballard in *Kew Bull.* 1932: 457. 1932.
- Kyllinga hyalina* (Vahl) T. Koyama in *J. Jap. Bot.* 51: 317. 1976.
Peninsular & E. India.
- REMIREA Aubl., *Hist. Pl. Guiane* 44. 1775.
- Remirea maritima* Aubl., *Hist. Pl. Guiane* 45, t. 16. 1775; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 677. 1894; Hooper in *Kew Bull.* 38: 479. 1983.
- Remirea pedunculata* R. Br., *Prodr.* 236. 1810.
- Cyperus pedunculatus* (R.Br.) Kern in *Act. Bot. Neerl.* 7: 798. 1958.
- Mariscus pedunculatus* (R.Br.) T. Koyama in *Gdus' Bull. Singapore* 30: 159. 1977.
Peninsular India, Andaman & Nicobar Islands.
- RHYNCHOSPORA Vahl, *Enum. Pl.* 2: 229. 1806 ('RYNCHIOSPORA' Curt.) (*nom. cons.*)
- Rhynchospora chinensis* Nees & Mey. ex Nees in Wight, *Contrib. Bot. Ind.* 115. 1834 *ex pie., quoad specim. ex China; emend.* Boeck. in *Linnaea* 37: 586. 1873; T. Koyama in *Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon* 5: 334. 1985.
- Rhynchospora glauca* var. *chinensis* (Nees & Mey. ex Nees) C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 672. 1893.
India.
- Rhynchospora corymbosa* (L.) Britton in *Trans. New York Acad. Sci.* 11: 84. 1892.
- Scirpus corymbosus* L. in *Torner, Cent. Pl.* 2: 7. 1756.
- Rhynchospora aurea* Vahl, *Enum. Pl.* 2: 229. 1806; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 671. 1893.
Throughout India, except the N.W. India; Andaman & Nicobar Islands.
- Rhynchospora gracillima* Thw., *Enum. Pl. Zeyl.* 435. 1864; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 671. 1893.
S., E. & N.E. India, Andaman & Nicobar Islands.
- Rhynchospora hookeri* Boeck. in *Linnaea* 37: 621. 1873; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 671. 1893.
N., E. & N.E. India.
- Rhynchospora longisetis* R. Br., *Prodr.* 230. 1810; Raiz., *Suppl. Duthie Fl. Upper Gang. Pl.* 314. 1976.
Peninsular, C., N. & E. India.
- Rhynchospora rubra* (Lour.) Makino in *Bot. Mag. Tokyo* 17: 180, t. 7, f. 1A-B. 1903.
- Schoenus ruber* Lour., *Fl. Cochinch.* 141. 1790.
- Rhynchospora wallichiana* Kunth, *Enum. Pl.* 2: 289. 1837; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 668. 1893.
Throughout India, Andaman & Nicobar Islands except N.W.
- Rhynchospora rugosa* (Vahl) Gale in *Rhodora* 46: 275, t. 835, f. 1 a & b. 1944.
- Schoenus rugosus* Vahl, *Eclog. Amer.* 5. 1798.
- Rhynchospora glauca* sensu C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 671. 1893 *non* Vahl, 1806.
- Rhynchospora brownii* R. & S., *Syst. Veg.* 2: 86. 1817.

Rhynchospora rugosa ssp. *brownii* (R. & S.) T. Koyama in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 118. 1978.

var. *rugosa*.

Peninsular, C. & N.E. India, C. to E. Himalaya.

var. *griffithii* (Boeck.) Verma & Veena Chandra in Bull. Bot. Surv. India 22: 128. (1980) 1982.

Rhynchospora griffithii Boeck. in Linnaea 38: 404. 1874; C.B.Cl. in Hook. f., Fl. Brit. India 6: 672. 1893.

Rhynchospora griffithii var. *levisetis* C.B.Cl. in Hook. f., *l.c.*
N. E. India, E. Himalaya.

var. *sikkimensis* (C.B.Cl.) Verma & Veena Chandra in Bull. Bot. Surv. India 22: 130. (1980) 1982.

Rhynchospora sikkimensis C.B.Cl. in Hook. f., Fl. Brit. India 6: 672. 1893.
E. Himalaya.

Rhynchospora submarginata Kuekenh. in Bot. Jahrb. 74: 498. 1949; Kern in Steenis, Fl. Males. 1, 7: 718, f. 101 a-b. 1974.

Rhynchospora marginata C.B.Cl. in Kew Bull. Addl. ser. 8: 89. 1908 non Steud. 1855.
S. & C. India.

Rhynchospora triflora Vahl, Enum. Pl. 2: 231. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 670. 1893; T. Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 337. 1985.
India.

Rhynchospora wightiana (Nees) Steud., Syn. Pl. Glum. 2: 148. 1855; C.B.Cl. in Hook. f., Fl. Brit. India 6: 669. 1893.

Haplostylis wightiana Nees, Nov. Act. Ac. Caes. Leop. Car. 19, Suppl. 1: 101. 1845.
Peninsular, C. & E. India.

RIKLIELLA J. Raynal in Adansonia 2, 13: 154. 1973.

Rikliella kernii (Raymond) J. Raynal in Adansonia 2, 13: 155. 1973.

Scirpus kernii Raymond in Nat. Canad. 86: 230. 1959.
Peninsular & C. India.

Rikliella squarrosa (L.) J. Raynal in Adansonia 2, 13: 154. 1973.

Scirpus squarrosus L., Mant. 181. 1771; C.B.Cl. in Hook. f., Fl. Brit. India 6: 663. 1893.
Throughout India.

SCHOENOPLECTUS (H.G.L. Reichb.) Palla in Bot. Jahrb. Syst. 10: 298. 1888 (*nom. cons.*)

SCIRPUS Subg. **SCHOENOPLECTUS** H.G.L. Reichb., Ic. Fl. German. 8: 40. 1846.

Schoenoplectus articulatus (L.) Palla in Bot. Jahrb. Syst. 10: 299. 1888.

Scirpus articulatus L., Sp. Pl. 47. 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 656. 1893.
Throughout India.

Schoenoplectus corymbosus (Roth ex R. & S.) J. Raynal in J.B. Lebrun *et al.*, Cat. Nigr. Pl. 343. 1976.

Isolepis corymbosus Roth ex R. & S., Syst. Veg. 2: 110. 1817.

Scirpus corymbosus auct. non L., 1753 *ret.* Forsk., 1775; C.B.Cl. in Hook. f., Fl. Brit. India 6: 657. 1893.

Scirpus brachyceras Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 496. 1851.
Throughout the plains of India.

Schoenoplectus fluitans (L.) Palla in Koch, Syn. Deutsch. Fl. ed. 3: 2539. 1906.

Scirpus fluitans L., Sp. Pl. 48. 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 653. 1893.

Isolepis fluitans (L.) R. Br., Prodr. 221. 1810.
S. & N.E. India.

Schoenoplectus fuscorubens (T. Koyama) T. Koyama in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 118. 1978.

Scirpus fuscorubens T. Koyama in Willdenowia 5: 491, t. 2. 1969.
Nepal.

Schoenoplectus grossus (L.f.) Palla in Allg. Bot. Z. 17: Beibl. 3. 1911.

Scirpus grossus L. f., Suppl. 104. 1781; C.B.Cl. in Hook. f., Fl. Brit. India 6: 659. 1893.

Scirpus kysoor Roxb., Fl. Ind. 1: 230. 1832.

Scirpus grossus var. *kysoor* (Roxb.) C.B.Cl. in Hook. f., *l.c.* 660.
Throughout India.

- Schoenoplectus juncoides* (Roxb.) Palla in Bot. Jahrb. Syst. 10: 299. 1888.
- Scirpus juncoides* Roxb., Fl. Ind. 1: 218. 1820.
- Scirpus erectus* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 656. 1893 non Poir. 1804. Throughout India.
- Schoenoplectus lacustris* (L.) Palla in Verh. K.K. Zool.-Bot. Ges. Wien 38, Sitzb. 49. 1888.
- Scirpus lacustris* L., Sp. Pl. 72. 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 658. 1893. C. India, Himalaya.
- Schoenoplectus lateriflorus* (Gmel.) Lye in Bot. Notis. 124: 290. 1971; J. Raynal in Adansonia 2, 16: 139. 1976.
- Scirpus lateriflorus* Gmel., Syst. Veg. ed. 13. 1: 127. 1791.
- Scirpus supinus* Roxb., Fl. Ind. 1: 219. 1820 non L., 1753.
- Scirpus supinus* var. *uninodis* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 656. 1893 non (Del.) Asch. & Schweinf. 1887.
- Scirpus supinus* var. *lateriflorus* (Gmel.) T. Koyama in J. Pac. Sci. Univ. Tokyo Bot. 7: 302. 1958.
- Schoenoplectus supinus* ssp. *lateriflorus* (Gmel.) T. Koyama in Hara et al., Enum. Fl. Pl. Nepal 1: 119. 1978. Throughout India except N.W.
- Schoenoplectus littoralis* (Schrad.) Palla in Verh. K.K. Zool.-Bot. Ges. Wien 38, Sitzb. 49. 1888 ('littoralis').
- Scirpus littoralis* Schrad., Fl. Germ. 1: 142, t. 5, f. 7. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 659. 1893.
- ssp. *littoralis*. Throughout India.
- ssp. *subulatus* (Vahl) T. Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 157. 1985.
- Scirpus subulatus* Vahl, Enum. Pl. 2: 268. 1806.
- Scirpus littoralis* var. *subulatus* (Vahl) Chiov., Ist. Bot. Cat. 1: 15. 1928. Peninsular India.
- ssp. *thermalis* (Trabut) Murbeck, Contrib. Fl. Maroc. 1: 18. 1922; Hooper in Saldanha & Nicolson, Fl. Hassan Dt. 698. 1978.
- Scirpus thermalis* Traub in Battandier & Traub, Fl. Alg. Monocot. ed. 2. 99. 1895. Peninsular India.
- Schoenoplectus maritimus* (L.) Lye in Blyttia 29: 145. 1971.
- Scirpus maritimus* L., Sp. Pl. 75. 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 658. 1893.
- Boiboschoenus maritimus* (L.) Palla in Koch, Syn. Deutsch. Schweiz. Fl. ed. 3. 3: 2532. 1904. Throughout India except N.E.
- Schoenoplectus mucronatus* (L.) Palla in Verh. K.K. Zool.-Bot. Ges. Wien 38, Sitzb. 49. 1888.
- Scirpus mucronatus* L., Sp. Pl. 73. 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 657. 1893.
- Scirpus triangulatus* Roxb., Fl. Ind. 1: 219. 1820.
- Schoenoplectus triangulatus* (Roxb.) Sojak in Cas. Nar. Muz. (Prague) 141: 62. 1972.
- ssp. *mucronatus*. Throughout India.
- ssp. *robustus* (Miq.) T. Koyama in Hara et al., Enum. Fl. Pl. Nepal 1: 119. 1978.
- Scirpus mucronatus* var. *robustus* Miq. in Ann. Mus. bot. Lugd.-Bat. 2: 143. 1865. W. to C. Himalaya.
- Schoenoplectus praelongatus* (Poir.) J. Raynal in Adansonia 2, 16: 148. 1976.
- Scirpus praelongatus* Poir. in Lam., Encycl. 6: 764. 1804.
- Scirpus subarticulatus* Roxb., Fl. Ind. 1: 215. 1820.
- Scirpus incurvatus* Roxb., l.c. 217.
- Scirpus articulatus* auct. mult. non L., 1753; C.B.Cl. in Hook. f., Fl. Brit. India 6: 656. 1893 p.p. Throughout India.
- Schoenoplectus royiei* (Nees) Ovczina & Czukav., Fl. Tadzhikist. 2: 40. 1963; J. Raynal in Adansonia 2, 16: 150. 1976.
- Isotepis royiei* Nees in Wight, Contrib. Bot. Ind. 107. 1834.
- Isotepis lupulina* Nees in Wight, l.c.

Scirpus quinquefarius Buch.-Ham. ex Boeck in *Linnaea* 36: 701. 1870; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 657. 1893.

Scirpus roylei (Nees) Parker in Duthie, *Fl. Upp. Gang.* Pl. 3: 361. 1929.
N.W., C. & N.E. India.

Schoenoplectus senegalensis (Hochst. ex Steud.) Palla ex J. Raynal in J.-P. Lebr. *et al.*, *Cat. Niger* Pl. 344. 1976 & in *Adansonia* 2, 16: 149. 1976.

Isolepis senegalensis Hochst. ex Steud., *Syn. Pl. Glum.* 2: 96. 1855 non *Scirpus senegalensis* Lam. 1791.

Scirpus jacobii C.E.C. Fischer in *Kew Bull. Misc. Inf.* 1931: 103. 1931.

Schoenoplectus jacobii (C.E.C. Fischer) Lye in *Bot. Notis.* 124: 290. 1971.
Peninsular India.

Schoenoplectus supinus (L.) Palla in *Bot. Jahrb.* 10: 299. 1889; J. Raynal in *Adansonia* 2, 16: 145. 1976.

Scirpus supinus L., *Sp. Pl.* 49. 1753; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 655. 1893.
Throughout India.

Schoenoplectus tabernaemontani (C.C. Gmel.) Palla in *Verh. K.K. Zool. Bot. Ges. Wien* 38, *Sitzb.* 39. 1888; T. Koyama in *Hara et al.*, *Enum. Fl. Pl. Nepal* 1: 119. 1978.

Scirpus tabernaemontani C.C. Gmel., *Fl. Bad.* 1: 101. 1805.

Scirpus lacustris L. var. *tabernaemontani* (Gmel.) Doell., *Rhein. Fl.* 165. 1843; R.R. Stewart in *Bull. Bot. Surv. India* 9: 161. (1967) 1968.

Schoenoplectus lacustris ssp. *tabernaemontani* (Gmel.) A. & D. Love in *Folia Geobot. Phytotax.* 10: 275. 1975.
W. to C. Himalaya.

Schoenoplectus triquetus (L.) Palla in *Verh. K.K. Zool. Bot. Ges. Wien* 38, *Sitzb.* 49. 1838.

Scirpus triquetus L., *Mant.* 29. 1767; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 658. 1893.

var. *triqueter*.
N.W. Himalaya.

var. *segregata* (C.B.Cl.) Karthik. *comb. nov.*

Scirpus triquetus var. *segregata* C.B.Cl. in Hook.

f., *Fl. Brit. India* 6: 658. 1893.
E. India.

SCHOENUS L., *Sp. Pl.* 42. 1753.

Schoenus nigricans L., *Sp. Pl.* 64. 1753; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 673. 1894.
N.W. India.

SCIRPODENDRON Zippel. ex Kurz in *J. Asiat. Soc. Beng.* 38: 84. 1869.

Scirpodendron ghaeri (Gaertn.) Merr. in *Philipp. J. Sci.* 9: 268. 1914; Balakr. in *Bull. Bot. Surv. India* 24: 66. (1982) 1983.

Chionanthus ghaeri Gaertn., *Fruct.* 1: 190, t. 39, f. 6a-e. 1824.

Scirpodendron costatum Kurz in *J. Asiat. Soc. Beng.* 38: 85. 1869; Prain, *Bengal Pl.* 2: 852. 1963 (Repr. ed.).
E. India, Andaman & Nicobar Islands.

SCIRPUS L., *Sp. Pl.* 47. 1753.

Scirpus affinis Roth in R. & S., *Syst. Veg.* 2: 140. 1817.

Scirpus maritimus L. var. *affinis* (Roth) C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 659. 1893.

Bolboschoenus maritimus ssp. *affinis* (Roth) T. Koyama in *Brittonia* 31: 284. 1979.
Throughout India except S. India.

Scirpus cernuus Vahl, *Enum. Pl.* 2: 1805. 1806; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 655. 1893; Balodi & Malhotra in *J. Econ. Tax. Bot.* 7: 471, f. 1. 1985.
Uttar Pradesh.

Scirpus dalgamensis Kak & Javed in *J. Bombay Nat. Hist. Soc.* 79: 172. 1982.
Kashmir.

Scirpus holoschoenus L., *Sp. Pl.* 72. 1753; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 655. 1893.
N.W. India.

Scirpus michelianus L., *Sp. Pl.* 52. 1753; C.B.Cl. in Hook. f., *Fl. Brit. India* 6: 662. 1893.

Cyperus michelianus (L.) Del., *Fl. Aegypt. Illustr.* 50. 1813.
Throughout India.

Scirpus quadrangulus D. Don, Prodr. Fl. Nepal. 40. 1825; C.B.Cl. in Hook. f., Fl. Brit. India 6: 663. 1893.

Nepal.

Scirpus rosthornii Diels in Bot. Jalab. 29: 228. 1900; Ohwi in Hara, Fl. E. Himal. 2: 151. 1971.

C. to E. Himalaya.

Scirpus rufus Schrad., Fl. Germ. 1: 133, t. 1, f. 3. 1806; C.B.Cl. in Hook. f., Fl. Brit. India 6: 661. 1893.

W. Himalaya.

Scirpus ternatanus Reinw. ex Miq., Fl. Ind. Bat. 3: 307. 1856 ('ternatensis').

Scirpus chinensis Munro in Seem., Bot. Voy. Herald 423. 1857; C.B.Cl. in Hook. f., Fl. Brit. India 6: 662. 1893.

Himalaya, N.E. India.

Scirpus tuberosus Desf., Fl. Atlant. 1: 50. 1798; Maheshwari, Fl. Delhi 363. 1963; Verma & Veena Chandra in Rec. Bot. Surv. India 21(2): 266. 1981.

C. & N. India.

Scirpus wallichii Nees in Wight, Contrib. Bot. Ind. 112. 1834; Kern in Steenis, Fl. Males. 1, 7: 513. 1974.

India (Locality?).

Scirpus wichural Boeck. in Linnaea 36: 729. 1870; Kern in Steenis, Fl. Males. 1, 7: 502. 1974.

Scirpus eriophorum sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 661. 1893 *non* Michx. 1803.

N.E. India, E. Himalaya.

SCLERIA P. Berg. in Kongl. Vetensk. Acad. Handl. 26: 142. 1765.

Scleria africana Bth. in Bth. & Hook. f., Gen. Pl. 3: 1071. 1883; Jain & Raghavan in Bull. Bot. Surv. India 9: 301. 1967.

S. India.

Scleria alta Boeck. in Linnaea 38: 485. 1874; C.B.Cl. in Hook. f., Fl. Brit. India 6: 690. 1894.

N.E. India.

Scleria annularis Nees ex Steud., Syn. Pl. Glum. 2: 176. 1855; C.B.Cl. in Hook. f., Fl. Brit. India 6: 687. 1894.

S., C., N.W. & E. India.

Scleria benthamii C.B.Cl. in Kew Bull. Addl. Ser. 8: 58. 1908; Kern in Blumea 11: 166. 1961.

Scleria khasiana C.B.Cl. in Hook. f., Fl. Brit. India 6: 692. 1894 *non* Boeck. 1890.

N.E. India.

Scleria biflora Roxb., Fl. Ind. 3: 573. 1832; C.B.Cl. in Hook. f., Fl. Brit. India 6: 687. 1894.

Scleria tessellata var. *biflora* (Roxb.) Blatt. & McC. in J. Bombay nat. Hist. Soc. 37: 777. 1935.

Throughout India except S. India.

Scleria bracteata Cav. var. *assamica* C.B.Cl. in Hook. f., Fl. Brit. India 6: 694. 1894.

N.E. India.

Scleria corymbosa Roxb., Fl. Ind. 3: 574. 1832; C.B.Cl. in Hook. f., Fl. Brit. India 6: 686. 1894.

Throughout India except N.W.

Scleria foliosa Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 509. 1851; Hooper in Saldanha & Nicolson, Fl. Hassan Dt. 700. 1976.

S. India.

Scleria hookeriana Boeck. in Linnaea 38: 498. 1874; C.B.Cl. in Hook. f., Fl. Brit. India 6: 691. 1894.

N.E. India.

Scleria levls Retz., Obs. Bot. 4: 13. 1786; Kern in Blumea 11: 164. 1961.

Scleria hebecarpa Nees in Wight, Contrib. Bot. Ind. 117. 1834; C.B.Cl. in Hook. f., Fl. Brit. India 6: 689. 1894.

Scleria pubescens Steud., Syn. Pl. Glum. 2: 168. 1855.

Scleria hebecarpa var. *pubescens* (Steud.) C.B.Cl. in Hook. f., *l.c.*

Throughout India.

Scleria lithosperma (L.) Swartz, Prodr. 18. 1788; C.B.Cl. in Hook. f., Fl. Brit. India 6: 685. 1894.

Scirpus lithospermus L., Sp. Pl. 51. 1753.

var. *lithosperma*.

Throughout India, Andaman & Nicobar Islands.

var. *linearis* Bth., Fl. Austr. 7: 430. 1878; Kern in Blumea 11: 192. 1961.

Scleria lithosperma var. *roxburghii* C.B.Cl. in Hook. f., Fl. Brit. India 6: 686. 1894.

- Scleria lithosperma* ssp. *linearis* (Bth.) T. Koyama in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 5: 353. 1985. S. India.
- var. *multispiculata* Govind. in Proc. Indian Acad. Sci. 71 B: 221. 1970. Tamil Nadu.
- var. *mufficata* Govind. in Proc. Indian Acad. Sci. 71 B: 222. 1970. Kerala.
- Scleria mlkawana* Makino in Bot. Mag. Tokyo 27: 57. 1913; Kern in Blumea 11: 199. 1961.
- Scleria tessellata* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 686. 1894 *p.p. non* Willd., 1805, India (locality?).
- Scleria motleyi* C.B.Cl. in Philipp. J. Sci. 2, Bot. 104. 1907 & Ill. Cyper. t. 126, ff. 1-7. 1909; M.K.V. Rao in J. Econ. Tax. Bot. (In Press). Andaman & Nicobar Islands.
- Scleria neesii* Kunth, Enum. Pl. 2: 358. 1837; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1677. 1931 (3: 1163. 1967, Repr. ed.); N.G. Nair in Ind. J. For. 2: 258. 1979. Kerala, Andaman & Nicobar Islands.
- Scleria oblata* S.T. Blake in Blumea 11: 219. 1961.
- Scleria levis* Willd., Sp. Pl. 4: 314. 1805 *non* Retz. 1786; C.B.Cl. in Hook. f., Fl. Brit. India 6: 694. 1894. N.E. India; Andamans.
- Scleria parvula* Steud., Syn. Pl. Glum. 2: 174. 1855; Kern in Blumea 11: 202. 1961.
- Scleria tessellata* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 686. 1894 *p.p. non* Willd. 1805. W., C. & N. India, C. to E. Himalaya.
- Scleria pergracilis* (Nees) Kunth, Enum. Pl. 2: 354. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 685. 1894.
- Hypoporum pergracile* Nees apud Arn. in Edinb. New Phil. J. 17: 267. 1834. Throughout India.
- Scleria poseiformis* Retz., Obs. Bot. 4: 13. 1786; C.E.C. Fischer in Kew Bull. 1931: 265. 1931.
- Scleria oryzoides* Presl, Rel. Haenk. 1: 201. 1828; C.B.Cl. in Hook. f., Fl. Brit. India 6: 691. 1894.
- Scleria psilorrhiza* C.B.Cl. in Hook. f., Fl. Brit. India 6: 691. 1894. N.E. to S. India.
- Scleria purpurascens* Steud., Syn. Pl. Glum. 2: 169. 1855; Kern in Blumea 11: 187. 1961. Andaman & Nicobar Islands.
- Scleria reticulata* (Holt.) Kern in Reinwardtia 6: 71. 1961 & in Blumea 11: 211. 1961.
- Diplacrum reticulatum* Holt. in Gdns' Bull. Singapore 11: 295. 1947. E. India.
- Scleria rugosa* R. Br., Prodr. 240. 1810; Kern in Blumea 11: 206. 1961; Govind. in J. Bombay nat. Hist. Soc. 69: 248. 1972.
- Scleria zeylanica* sensu C.B.Cl. in Hook. f., Fl. Brit. India 6: 687. 1894 *non* Poir. 1806.
- Scleria flaccida* C.B.Cl. in Hook. f., l.c. 688 *non* Steud. 1855. C., E. & N.E. India, Andaman & Nicobar Islands.
- Scleria scrobiculata* Nees & Mey. ex Nees in Wight, Contrib. Bot. Ind. 117. 1834; Kern in Blumea 11: 184. 1961. Andaman & Nicobar Islands.
- Scleria stocksiana* Boeck. in Linnæa 38: 474. 1874; C.B.Cl. in Hook. f., Fl. Brit. India 6: 687. 1894. Peninsular & C. India.
- Scleria sumatrensis* Retz., Obs. Bot. 5: 19, t. 2. 1789; C.B.Cl. in Hook. f., Fl. Brit. India 6: 693. 1894. E. & N.E. India, Andaman & Nicobar Islands.
- Scleria swansyii* Govind. in Proc. Indian Acad. Sci. (Plant Sci.) 94: 19. 1985. Tamil Nadu.
- Scleria terrestris* (L.) Fass. in Rhodora 26: 159. 1924; Kern in Blumea 11: 170, f. 5A-C. 1961 & in Steenis, Fl. Males. 1, 7: 733. 1974.
- Zizania terrestris* L., Sp. Pl. 991. 1753.
- Diaphora cochinchinensis* Lour., Fl. Cochinch. 578. 1790.
- Scleria radula* Hance in Ann. Sci. Nat. Bot. 18: 232. 1862; C.B.Cl. in Hook. f., Fl. Brit. India 6: 691. 1894.

Scleria elata Thw., Enum. Pl. Zeyl. 353 a (excl. C.P. 825). 1864; C.B.Cl. in Hook. f., l.c. 690.

Scleria melanostoma Nees ex Boeck. in Linnaea 38: 514. 1874; C.B.Cl. in Hook. f., l.c. 693.

Scleria elata var. *decolorans* C.B.Cl. in Hook. f., l.c. 690.

Scleria elata var. *latior* C.B.Cl. in Hook. f., l.c.

Scleria cochinchinensis (Lour.) Druce in Bot. Soc. Exch. Cl. Brit. Is. 4: 646. 1917.
Throughout India.

Scleria tessellata Willd., Sp. Pl. 4: 315. 1805; C.B.Cl. in Hook. f., Fl. Brit. India 6: 686. 1894.

Throughout India, except west arid areas.

Scleria thomsoniana Boeck. in Linnaea 38: 479. 1874; C.B.Cl. in Hook. f., Fl. Brit. India 6: 689. 1894.
N.E. India.

SOROSTACHYS Steud. in Flora 33: 229. 1850 & Syn. Fl. Glum. 2: 71. 1854.

Sorostachys leucocephalus (Retz.) Lye in Nord. J. Bot. 1: 190. 1981.

Cyperus leucocephalus Retz., Obs. Bot. 5: 11. 1789.

Cyperus coronarius Kunth, Enum. Pl. 2: 44. 1837; C.B.Cl. in Hook. f., Fl. Brit. India 6: 619. 1893.
S., C. & E. India.

Sorostachys pulchellus (R. Br.) Lye in Nord. J. Bot. 1: 189. 1981.

Cyperus pulchellus R. Br., Prodr. 213. 1810.

Cyperus leucocephalus Nees in Hook., J. Bot. Kew 6: 28. 1854 non Retz. 1789.
Peninsular, C. & E. India.

DIOSCOREACEAE

DIOSCOREA L., Sp. Pl. 1032. 1753.

Dioscorea alata L., Sp. Pl. 1033. 1753; Hook. f., Fl. Brit. India 6: 296. 1892.

Dioscorea atropurpurea Roxb., Fl. Ind. 3: 800. 1832.

Dioscorea globosa Roxb., l.c. 797.

Dioscorea alata var. *globosa* (Roxb.) Prain, Bengal Pl. 2: 1067. 1903 (803. 1963, Repr. ed.).

Dioscorea rubella Roxb., l.c. 798.

Dioscorea alata var. *rubella* (Roxb.) Prain, l.c.

Dioscorea purpurea Roxb., l.c. 799.

Dioscorea alata var. *purpurea* (Roxb.) Prain, l.c.

var. *alata*.

Cultivated or escape in wild throughout India.

var. *tarri* Prain & Burkill in J. Asiat. Soc. Beng. 10: 39. 1914.

Cultivated- N. India.

var. *vera* Prain & Burkill in J. Asiat. Soc. Beng. 10: 39. 1914.

Cultivated-N.India.

Dioscorea arachnida Prain & Burkill in J. Asiat. Soc. Beng. 10: 21. 1914.
N.E. India.

Dioscorea belophylla (Prain) Haines, For. Fl. Chota Nagpur 530. 1910.

Dioscorea nummularia var. *belophylla* Prain, Bengal Pl. 2: 1065, 1067. 1903.

Dioscorea glabra Hook. f., Fl. Brit. India 6: 294. 1892 non Roxb. 1832, p.p.
Peninsular & E. India, Himalaya.

Dioscorea bulbifera L., Sp. Pl. 1033. 1753; Hook. f., Fl. Brit. India 6: 296. 1892.

Dioscorea bulbifera var. *sativa* Prain, Bengal Pl. 2: 1066. 1903 (801. 1963 Repr. ed.).

Dioscorea sativa Thunb., Fl. Jap. 151. 1784 non L. 1753; Hook. f., Fl. Brit. India 6: 295. 1892, p.p.

var. *bulbifera*.

Peninsular & E. India, Andaman & Nicobar Islands.

var. *crispata* (Roxb.) Prain, Bengal Pl. 2: 1066. 1903 (802. 1963, Repr. ed.).

Dioscorea crispata Roxb., Fl. Ind. 3: 802. 1832.
E. India.

var. *pulchella* (Roxb.) Prain, Bengal Pl. 2: 1066. 1903.

E. India.

var. *sumria* Prain & Burkill in J. Asiat. Soc. Beng. 10: 26. 1914.

N. India.

var. *vera* Prain & Burkill in J. Asiat. Soc. Beng. 10: 26. 1914.
India.

Dioscorea cunningii Prain & Burkill var. *inaequifolia* (Elmer ex Prain & Burkill) Burkill in Steenis, Fl. Males. 1, 4: 317. 1951; Panigr. & Naik in Bull. Bot. Surv. India 8: 89. 1966.

Dioscorea inaequifolia Elmer ex Prain & Burkill in Leaf. Philipp. Bot. 5: 1595. 1913.
E. India.

Dioscorea decipiens Hook. f., Fl. Brit. India 6: 293. 1892.
N.E. India.

Dioscorea deltoides Wall. ex Griseb. in Mart., Fl. Bras. 3: 43 (in nota). 1842; Hook. f., Fl. Brit. India 6: 291. 1892.

Tamus nepalensis Jacquem. ex Prain & Burkill in Ann. Roy. Bot. Gard. Calcutta 14: 26. 1936.

Dioscorea nepalensis Sweet ex Bernardi in Candollea 18: 258. 1963.
Temperate Himalaya, N.E. India.

Dioscorea esculenta (Lour.) Burkill in Gard. Bull. Str. Settlement. 1: 396. 1917.

Oncus esculentus Lour., Fl. Cochinch. 194. 1790.

Dioscorea aculeata sensu Hook. f., Fl. Brit. India 6: 296. 1892 non L., 1753.

Dioscorea sativa L., Sp. Pl. 1033. 1753 p.p. non sensu Hook. f., Fl. Brit. India 6: 295. 1892.

Dioscorea spinosa Roxb. ex Hook. f., Fl. Brit. India 6: 291. 1892.

Dioscorea fasciculata Roxb. var. *spinosa* (Roxb. ex Hook. f.) Prain, Bengal Pl. 2: 1066. 1903 (802. 1963, Repr. ed.).

Dioscorea aculeata L. var. *fasciculata* Prain & Burkill in J. Asiat. Soc. Beng. (n.s.) 10: 20. 1914.

Dioscorea aculeata var. *spinosa* Prain & Burkill l.c.

var. *esculenta*.
Throughout India.

var. *fasciculata* (Roxb.) Prain & Burkill in J. Asiat. Soc. Beng. (n.s.) 10: 19. 1914.

Dioscorea fasciculata Roxb., Fl. Ind. 3: 801. 1832; Hook. f., Fl. Brit. India 6: 296. 1892.
East and West Coasts of India.

Dioscorea glabra Roxb., Fl. Ind. 3: 804. 1832; Hook. f., Fl. Brit. India 6: 294. 1892, p.p.

var. *glabra*.
Throughout India.

var. *vera* Prain & Burkill in Ann. Roy. Bot. Gard. Calcutta 14: 357. 1936.
E. India.

Dioscorea hamiltonii Hook. f., Fl. Brit. India 6: 295. 1892.

Dioscorea ovata Wood in Rec. Bot. Surv. India 2: 143. 1902.

Dioscorea alata Wood, l.c.

Dioscorea hookeri Prain ex Wood, l.c.
S., E. & N.E. India, C. to E. Himalaya.

Dioscorea hispida Dennst., Schicuss. Hort. Malab. 15. 1818; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1511. 1928 (3: 1055. 1967, Repr. ed.); Prain & Burkill in Ann. Roy. Bot. Gard. Calcutta 14: 188. 1936.

var. *hispida*.
Throughout India.

var. *daemona* (Roxb.) Prain ex Burkill in Ann. Roy. Bot. Gard. Calcutta 14: 192. 1936.

Dioscorea daemona Roxb., Fl. Ind. 3: 805. 1832; Hook. f., Fl. Brit. India 6: 289. 1892.

Dioscorea triphylla L. var. *daemona* (Roxb.) Prain & Burkill in J. & Proc. Asiat. Soc. Beng. (N.S.) 10: 26. 1914.
Throughout India.

var. *reticulata* (Hook. f.) Sanjappa comb. nov.

Dioscorea daemona var. *reticulata* Hook. f., Fl. Brit. India 6: 289. 1892.

Dioscorea altissima Roxb. ex Hook. f., l.c. non Lam., 1789.

Dioscorea triphylla L., Amoen. Acad. 4: 131. 1754 non L., 1753.

Dioscorea intermedia Thw., Enum. Pl. Zeyl. 326. 1864; Hook. f., Fl. Brit. India 6: 297. 1892.
S. India.

Dioscorea japonica Thunb. var. *nagarum* Prain & Burkill in Ann. Roy. Bot. Gard. Calcutta 14: 259. 1939.
N.E. India.

Dioscorea kalkapershadii Prain & Burkill in J.

Asiat. Soc. Beng. 10: 24. 1914.
S. & E. India.

Dioscorea kamoonsensis Kunth, Enum. Pl. 5: 395.
1850 ("*kamoonsensis*"); Hook. f., Fl. Brit. India
6: 290. 1892.

var. *kamoonsensis*.
Temperate Himalaya, N.E. India.

var. *straminea* Prain & Burkill in J. Asiat. Soc.
Beng. (N.S.) 10: 12. 1914.

Dioscorea mengtzeana R. Kunth in Engl. &
Prantl, Pflanzent. 87: 142. 1924.
N.E. India.

var. *vera* Prain & Burkill in Ann. Roy. Bot.
Gard. Calcutta 14: 149. 1936.
E. Himalaya, N.E. India.

Dioscorea leptocarpa Prain & Burkill in J.
Asiat. Soc. Beng. (N.S.) 10: 36. 1914.
E. Himalaya, N.E. India.

Dioscorea listeri Prain & Burkill in J. Asiat.
Soc. Beng. (N.S.) 6: 452. 1908.
Himalaya, N.E. India.

Dioscorea melanophyma Prain & Burkill in J.
Asiat. Soc. Beng. 4: 452. 1908.
W. to E. Himalaya, N.E. India.

Dioscorea nummularia Lam., Encycl. 3: 231.
1789; Burkill in Steenis, Fl. Males. I, 4: 331.
1951.

Dioscorea angulata Roxb. in Steud., Nomencl.
Ed. 2. 1: 511. 1840; Hook. f., Fl. Brit. India 6:
296. 1892.
India (locality?).

Dioscorea oppositifolia L., Sp. Pl. 1033. 1753;
Hook. f., Fl. Brit. India 6: 292. 1892.

Dioscorea lanceolata Heyne ex Hook. f., l.c.

var. *oppositifolia*.
S., E. & N.E. India.

var. *dukhunensis* Prain & Burkill in Ann. Roy.
Bot. Gard. Calcutta 14: 393. 1936.
India (locality?).

var. *linnaei* Prain & Burkill in Ann. Roy. Bot.
Gard. Calcutta 14: 393. 1936.
India (locality?).

Dioscorea pentaphylla L., Sp. Pl. 1032. 1753;
Hook. f., Fl. Brit. India 6: 289. 1892.

Dioscorea triphylla L., Sp. Pl. 1032. 1753.

Dioscorea jacquemontii Hook. f., l.c.

var. *pentaphylla*.
Throughout India.

var. *cardoii* Prain & Burkill in J. Asiat. Soc.
Beng. (N.S.) 10: 23. 1914.
N. & E. India.

var. *communis* Prain & Burkill in Ann. Roy.
Bot. Gard. Calcutta 14: 165. 1936.
S., E. & N. India.

var. *hortorum* Prain & Burkill in Ann. Roy.
Bot. Gard. Calcutta 14: 168. 1936.
N.E. India.

var. *Jacquemontii* Prain & Burkill in Ann. Roy.
Bot. Gard. Calcutta 14: 167. 1936.
Peninsular India.

var. *kussok* Prain & Burkill in Ann. Roy. Bot.
Gard. Calcutta 14: 168. 1936.
E. Himalaya, N.E. India.

var. *linnaei* Prain & Burkill in Ann. Roy. Bot.
Gard. Calcutta 14: 166. 1936.
Peninsular India.

var. *rheedii* Prain & Burkill in Ann. Roy. Bot.
Gard. Calcutta 14: 167. 1936.
S. India.

var. *simplifolia* Prain & Burkill in Ann. Roy.
Bot. Gard. Calcutta 14: 167. 1936.
S. India.

var. *sull* Prain & Burkill in J. Asiat. Soc. Beng.
(N.S.) 10: 23. 1914.
N.E. India, Himalaya.

Dioscorea prazeri Prain & Burkill in J. Asiat.
Soc. Beng. (Suppl. 2) 73: 2. 1904.

Dioscorea clarkii Prain & Burkill l.c. 10: 15.
1914.

Dioscorea sikkimensis Prain & Burkill l.c.
(Suppl. 2) 73: 3. 1904.
N.b. India.

Dioscorea pubera Bl., Enum. Pl. Jav. 1: 21.
1827.

Dioscorea anguina Roxb., Fl. Ind. 3: 803. 1832;
Hook. f., Fl. Brit. India 6: 293. 1892.
S., E. & N.E. India, Tropical Himalaya.

Dioscorea pyriformis Kunth var. *ferruginea* Prain
& Burkill in J. Asiat. Soc. Beng. (N.S.) 10: 33.
1914.
N.W. & N.E. India, E. Himalaya.

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Dioscorea rogersii Prain & Burkill in J. Asiat. Soc. Beng. (N.S.) 10: 27. 1914.
Andaman & Nicobar Islands.

Dioscorea scortechinii Prain & Burkill in J. Asiat. Soc. Beng. (N.S.) 4: 455. 1908.
E. Himalaya.

Dioscorea spicata Roth, Pl. Nov. Sp. 371. 1821;
Hook. f., Fl. Brit. India 6: 291. 1892.
India (locality?).

Dioscorea tomentosa Koen. ex Spr., Pl. Pugill. 92. 1815; Hook. f., Fl. Brit. India 6: 289. 1892.
S. & E. India.

Dioscorea trinervia Roxb. ex Prain & Burkill in J. Asiat. Soc. Beng. (N.S.) 10: 32. 1914.

Dioscorea oppositifolia sensu Hook. f., Fl. Brit. India 6: 292. 1892 *p.p. non* L., 1753.
N.E. India.

Dioscorea vexans Prain & Burkill in J. Asiat. Soc. Beng. 4: 456. 1908.
Andaman & Nicobar Islands.

Dioscorea wallichii Hook. f., Fl. Brit. India 6: 295. 1892.

var. *wallichii*.
In hotter parts of India.

var. *vera* Prain & Burkill in J. Asiat. Soc. Beng. (N.S.) 10: 31. 1914.
N. India.

Dioscorea watti Prain & Burkill in J. Asiat. Soc. Beng. (N.S.) 4: 457. 1908.
N.E. India.

Dioscorea wightii Hook. f., Fl. Brit. India 6: 291. 1892.
S. & C. India.

TRICHOPUS Gaertn., Fruct. 1: 44. 1788.

Trichopus zeylanicus Gaertn., Fruct. 1: 44, t. 14. 1788; Hook. f., Fl. Brit. India 6: 297. 1892.

Trichopodium travancoricum Bedd., Ic. Pl. Ind. Or. t. 290. 1874.

Trichopus zeylanicus ssp. *travancoricus* (Bedd.) Burkill in Steenis, Fl. Males. 1, 4: 299. 1951.
S. India.

UBIUM Cothen., Disp. 25. 1790.

Ubiium scandens J. St-Hill. in Expos. Fam. Nat. 1: 106. 1805.
India (locality?).

ERIOCAULACEAE

ERIOCAULON L., Sp. Pl. 87. 1753.

Eriocaulon aitchisoni Koern. in Linnaea 27: 630. 1856; Hook. f., Fl. Brit. India 6: 584. 1893.
Peninsular, E. & N.E. India.

Eriocaulon alpestre Hook. f. & Thoms. ex Koern. in Miq., Ann. Mus. Lugd. Batav. 3: 163. 1867; Hook. f., Fl. Brit. India 6: 578. 1893.
Himalaya, N.E. India.

Eriocaulon barba-carpae Fyson in J. Indian Bot. Soc. 2: 197. 1923; A.S. Rao & Verma in Bull. Bot. Surv. India 18: 47. (1976) 1979.
N.E. India.

Eriocaulon bifistulosum van Heurck, Obs. Bot. 105. 1871; Hook. f., Fl. Brit. India 6: 572. 1893.
N.E. India.

Eriocaulon bombayanum Ruhl. in Engl., Pflanzenr. 4(30): 104. 1903; Fyson in J. Indian Bot. Soc. 3: 17. 1922.
Peninsular India.

Eriocaulon breviscapum Koern. in Linnaea 27: 676. 1856; Hook. f., Fl. Brit. India 6: 575. 1893.
S. India.

Eriocaulon christopheri Fyson in Kew Bull. 1914: 330. 1914.
Tamil Nadu (Nilgiris).

Eriocaulon cinereum R. Br., Prodr. 254. 1810.

Eriocaulon sieboldianum Sieb. & Zucc. ex Steud., Syn. Pl. Cyp. 2: 272. 1855 ("sieboldianum"); Hook. f., Fl. Brit. India 6: 577. 1893.
Throughout India.

Eriocaulon collinum Hook. f., Fl. Brit. India 6: 584. 1893.
S. to E. India.

Eriocaulon conicum (Fyson) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1620. 1931 (3: 1128. 1967, Repr. ed.).

Eriocaulon dianae Fyson var. *conica* Fyson in J. Indian Bot. Soc. 2: 260. 1921.

S. to E. India.

Eriocaulon cristatum Mart. in Wall., Pl. Asiat. Rar. 3: 28. 1832; Hook. f., Fl. Brit. India 6: 574. 1893.

var. *cristatum*.
N.E. India.

var. *mackii* Hook. f., Fl. Brit. India 6: 574. 1893.
N.E. India.

Eriocaulon cuspidatum Dalz. in Hook., Kew J. Bot. 3: 281. 1851; Hook. f., Fl. Brit. India 6: 581. 1893.

var. *cuspidatum*.
Peninsular India.

var. *bracteata* Fyson in J. Indian Bot. 2: 318. 1921.
S. India.

Eriocaulon dalzellii Koern. in Linnaea 27: 605. 1856; Hook. f., Fl. Brit. India 6: 580. 1893.

Eriocaulon rivulare Dalz. in Kew J. Bot. 3: 280. 1851 non G. Don ex Bth. 1849; Cooke, Fl. Pres. Bombay 2: 843. 1908 (3: 355. 1967, Repr. ed.).

var. *dalzellii*.
Peninsular to E. India.

var. *glabratum* Moldenke in Phytologia 28: 51. 1974.
Peninsular India.

Eriocaulon dianae Fyson in J. Indian Bot. 2: 259, t. 11. 1921.

var. *dianae*.
Peninsular to N.W. India.

var. *longibracteata* Fyson in J. Indian Bot. 2: 259, t. 13. 1921.
Peninsular India.

var. *parviflora* Fyson in J. Indian Bot. 2: 260. 1921.
Peninsular India.

var. *richardiana* Fyson in J. Indian Bot. 2: 260, t. 11. 1921.
Peninsular India.

var. *triloboides* Fyson in J. Indian Bot. 2: 260, t. 15. 1951.
Peninsular India.

Eriocaulon duthiei Hook. f., Fl. Brit. India 6:

578. 1893.
C. & N. India.

Eriocaulon echinulatum Mart. in Wall., Pl. Asiat. Rar. 3: 29. 1832; Myrthong *et al.* in J. Bombay nat. Hist. Soc. 80: 667, f. 1. (1983) 1984.
N.E. India.

Eriocaulon edwardii Fyson in J. Indian Bot. 2: 259. 1921.
N. & E. India, E. Himalaya.

Eriocaulon elenorae Fyson in J. Indian Bot. 2: 316. 1921.
Peninsular to E. India.

Eriocaulon ensiforme C.E.C. Fischer in Kew Bull. 1930: 159. 1930 & in Gamble, Fl. Pres. Madras 1618. 1931 (3: 1126. 1967, Repr. ed.).
S. India.

Eriocaulon eurypeplon Koern. in Linnaea 27: 685. 1856; Hook. f., Fl. Brit. India 6: 585. 1893.
Peninsular India.

Eriocaulon exsertum Satake in Hara, Fl. E. Himal. 2: 156, f. 9. 1971.
Nepal.

Eriocaulon fluitans Griff., Itin. Notes 2: 65. 1848.
N.E. India.

Eriocaulon flavatile Trim. in J. Bot. 23: 270. 1885; Hook. f., Fl. Brit. India 6: 585. 1893.
S. India.

Eriocaulon gamblei C.E.C. Fischer in Kew Bull. 1930: 160. 1930 & in Gamble, Fl. Pres. Madras 1620. 1931 (3: 1128. 1967, Repr. ed.).
Tamil Nadu (Nilgiris).

Eriocaulon gregatum Koern. in Linnaea 27: 606. 1856; Hook. f., Fl. Brit. India 6: 581. 1893.
N.E. India.

Eriocaulon hamiltonianum Mart. in Wall., Pl. Asiat. Rar. 3: 29. 1832.

Eriocaulon oryzetorum sensu Hook. f., Fl. Brit. India 6: 579. 1893 *p.p.* non Mart. 1832.

var. *hamiltonianum*.
N. & N.E. India.

var. *minima* Fyson in J. Indian Bot. 2: 313. 1921.
Peninsular India.

var. *minor* Fyson in J. Indian Bot. 2: 313. 1921.
E. India.

Eriocaulon helferi Hook. f., Fl. Brit. India 6: 583. 1893.
Andaman & Nicobar Islands.

Eriocaulon heterolepis Steud., Syn. Pl. Glum. 271. 1855; Hook. f., Fl. Brit. India 6: 585. 1893.
Peninsular India.

Eriocaulon hookerianum Stapf in Trans. Linn. Soc. London 2, 4: 243. 1894; Moldenke in Phytologia 19: 69. 1970.
S. India.

Eriocaulon humile Moldenke in Phytologia 3: 162. 1949.
Peninsular India.

Eriocaulon indicum Moldenke in Phytologia 3: 163. 1949.
Peninsular India.

Eriocaulon infirmum Steud., Syn. Pl. Glum. 2: 272. 1855; Moldenke in Saldanha & Nicolson, Fl. Hassan Dist. 653. 1978.

Eriocaulon gracile Mart. in Wall., Pl. Asiat. Rar. 3: 79. 1832.
Peninsular & E. India.

Eriocaulon kuthmanduense Satake in Hara, Fl. E. Himal. 2: 157, f. 10. 1971.
Nepal.

Eriocaulon lanceolatum Miq. ex Steud., Syn. Pl. Glum. 2: 271. 1855; Hook. f., Fl. Brit. India 6: 577. 1893.

var. *lanceolatum*.
Peninsular India.

var. *pilosum* Moldenke in Phytologia 3: 164. 1949.
Peninsular India.

Eriocaulon luzullofolium Mart. in Wall., Pl. Asiat. Rar. 3: 28. 1832; Hook. f., Fl. Brit. India 6: 582. 1893.
Throughout India.

Eriocaulon margaretæ Fyson in J. Indian Bot. 2: 316. 1921.
Peninsular India.

Eriocaulon metaleucum Mart. in Wall., Pl. Asiat. Rar. 3: 28. 1832; Hook. f., Fl. Brit. India 6: 574. 1893.

Eriocaulon horsteykundaæ Fyson var. *megalocephala* Fyson in J. Indian Bot. Soc. 3: 14, t. 44. 1922.

Eriocaulon geoffreyi Fyson in Kew Bull. 1914: 330. 1914.
S. India.

Eriocaulon minimum Lam., Encycl. 3: 275. 1789; Hook. f., Fl. Brit. India 6: 585. 1893.
India (locality?).

Eriocaulon minutum Hook. f., Fl. Brit. India 6: 579. 1893.
Peninsular & N.W. India.

Eriocaulon miserum Koem. in Linnæa 27: 607. 1856; Hook. f., Fl. Brit. India 6: 575. 1893.

var. *miserum*.
N.E. India.

var. *mitophyllum* (Hook. f.) Fyson in J. Indian Bot. Soc. 3: 15. 1922.

Eriocaulon mitophyllum Hook. f., Fl. Brit. India 6: 575. 1893.
N.E. India.

Eriocaulon nairii Chandrab. & Chandra. in J. Bombay nat. Hist. Soc. 79: 165, f. 18. 1982.
S. India.

Eriocaulon nepalense Presc. ex Bong. in Acta Acad. Petrop. Sc. Math. 4, 1: 610. 1831; Hook. f., Fl. Brit. India 6: 581. 1893, p.p.
C. to E. Himalaya, N.E. India.

Eriocaulon nilagirensæ Steud., Syn. Pl. Glum. 2: 271. 1851.

Eriocaulon brownianum Mart. var. *nilagirensæ* (Steud.) Fyson in J. Indian Bot. 2: 263. 1921.

Eriocaulon brownianum Mart. in Wall., Pl. Asiat. Rar. 2: 25, t. 248. 1832.
Peninsular & N.E. India, E. Himalaya.

Eriocaulon obclavatum Satake in Hara, Fl. E. Himal. 2: 158, f. 11. 1971.
Nepal.

Eriocaulon odoratum Dalz. in Hook., Kew J. Bot. 3: 280. 1851; Hook. f., Fl. Brit. India 6: 574. 1893.
Peninsular & E. India.

Eriocaulon oliveri Fyson in Kew Bull. 1914: 331. 1914.
S. India.

Eriocaulon oryzetorum Mart. in Wall., Pl.

Asiat. Rar. 3: 28. 1832; Hook. f., Fl. Brit. India 6: 579. 1893.

Tropical Himalaya, E. & N.E. India.

Eriocaulon pectinatum Ruhl. in Engl., Pflanzenr. 4(30): 85. 1903; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1620. 1931 (3: 1127. 1967, Repr. ed.).

Tamil Nadu (Nilgiris).

Eriocaulon polycephalum Hook. f., Fl. Brit. India 6: 573. 1893.

Eriocaulon longicuspis Hook. f. var. *polycephala* (Hook. f.) Fyson in J. Indian Bot. 2: 305. 1921. S. & C. India.

Eriocaulon pseudoquinquangulare Ruhl. in Engl., Pflanzenr. 4(30): 73. 1903. N. India.

Eriocaulon pumilo Hook. f., Fl. Brit. India 6: 581. 1893.

W. Himalaya.

Eriocaulon quinquangulare L., Sp. Pl. 87. 1753; Hook. f., Fl. Brit. India 6: 582. 1893.

var. *quinquangulare*.

Throughout India.

var. *walkerii* Hook. f., Fl. Brit. India 6: 583. 1893.

E. India.

Eriocaulon redactum Ruhl. in Engl., Pflanzenr. 13: 113. 1913.

Eriocaulon sieboldianum sensu Hook. f., Fl. Brit. India 6: 577. 1893 *p.p. non* Steud. 1855. E. India.

Eriocaulon ritcheianum Ruhl. in Engl., Pflanzenr. 4(30): 73. 1903.

Eriocaulon horsley-kundae Fyson in J. Indian Bot. Soc. 3: 13. 1922.

Peninsular India.

Eriocaulon robusto-brownianum Ruhl. in Engl., Pflanzenr. 4(30): 77. 1903.

Eriocaulon rhodae Fyson in J. Indian Bot. 2: 264. 1921.

Eriocaulon mysorensis Fyson in Kew Bull. 1914: 331. 1914.

S. & N.E. India.

Eriocaulon robustum Steud., Syn. Pl. Glum. 2: 271. 1855; Hook. f., Fl. Brit. India 6: 572. 1893.

Tamil Nadu (Nilgiris).

Eriocaulon rouxianum Steud., Syn. Pl. Glum. 2: 270. 1855; Fyson in J. Indian Bot. Soc. 3: 13. 1922.

Peninsular India.

Eriocaulon santapaul Moldenke in Phytologia 3: 163. 1949.

Peninsular India.

Eriocaulon sedgwickii Fyson in J. Indian Bot. 2: 260, t. 16. 1921.

Peninsular India.

Eriocaulon setaceum L., Sp. Pl. 870. 1753; Hook. f., Fl. Brit. India 6: 572. 1893.

Eriocaulon capillus-naiadis Hook. f., *l.c.*

Eriocaulon intermedium Koern. in Linnaea 27: 601. 1856.

Throughout India.

Eriocaulon sexangulare L., Sp. Pl. 87. 1753; Hook. f., Fl. Brit. India 6: 580. 1893.

var. *sexangulare*.

Peninsular India.

var. *longifolium* (Nees ex Kunth) Hook. f., Fl. Brit. India 6: 580. 1893.

Eriocaulon longifolium Nees ex Kunth, Enum. Pl. 3: 567. 1841.

Andaman & Nicobar Islands.

Eriocaulon sollyanum Royle, Ill. Pl. Himal. 409, t. 97, f. 1. 1839.

Eriocaulon trilobum Buch.-Ham. ex Koern. in Linnaea 27: 645. 1856.

Throughout India.

Eriocaulon staintonii Satake in J. Jap. Bot. 48: 316. 1973.

Nepal.

Eriocaulon stellatum Koern. in Linnaea 27: 620. 1856; Hook. f., Fl. Brit. India 6: 579. 1893.

Peninsular India.

Eriocaulon thwaitesii Koern. in Linnaea 27: 627. 1856; Hook. f., Fl. Brit. India 6: 583. 1893.

Eriocaulon mariae Fyson in Kew Bull. 1914: 331. 1914.

S. India.

Eriocaulon trisectoides Satake in Hara, Fl. E. Himal. 2: 159, f. 12. 1971.

Nepal.

Eriocaulon truncatum Buch.-Ham. ex Mart. in Wall., Pl. Asiat. Rar. 3: 29. 1832; Hook. f., Fl. Brit. India 6: 578. 1893.

var. *truncatum*.

Peninsular to E. & N.E. India.

var. *diseipala* Fyson in J. Indian Bot. 2: 199. 1921.

S., E. & N.E. India, Andaman & Nicobar Islands.

Eriocaulon tuberiferum A.R. Kulkarni & Desai in J. Bombay nat. Hist. Soc. 71: 81. 1974.
Peninsular India.

Eriocaulon vanheurckii Muehl.-Arg. in van Heurck., Obs. Bot. 2: 98. 1870.

Eriocaulon thomasi Fyson in J. Indian Bot. 2: 318, t. 23. 1921.

f. *vanheurckii*.

Peninsular India.

f. *minima* Moldenke in Phytologia 5: 84. 1955.
Peninsular India.

Eriocaulon viride Koern. in Linnaea 27: 637. 1856.

Eriocaulon nepalense sensu Hook. f., Fl. Brit. India 6: 581. 1893 *p.p. non* Bong. 1831.
E. Himalaya.

Eriocaulon wightianum Mart. in Wall., Pl. Asiat. Rar. 3: 28. 1832; Hook. f., Fl. Brit. India 6: 576. 1893.
Peninsular India.

Eriocaulon zeranthemum Mart. in Wall., Pl. Asiat. Rar. 3: 29. 1832; Hook. f., Fl. Brit. India 6: 584. 1893.
Peninsular, E. & N.E. India, Andaman & Nicobar Islands.

FLAGELLARIACEAE

FLAGELLARIA L., Sp. Pl. 333. 1753.

Flagellaria indica L., Sp. Pl. 333. 1753; Hook. f., Fl. Brit. India 6: 391. 1892.
Throughout India.

HYDROCHARITACEAE

BLYXA Noron. ex Petit-Thou., Gen. Nova. Madag. 4. 1806.

Blyxa aubertii Rich. in Mem. Inst. Paris 12, 2: 19, 23, 77, t. 4. 1812; Hartog in Steenis, Fl. Males. 1, 5: 390, t. 5. 1957.

Diplosiphon oryzetorum Decne. in Jacquem., Voy. Bot. 167. 1844.

Blyxa oryzetorum (Decne.) Hook. f., Fl. Brit. India 5: 661. 1888.

Blyxa griffithii Planch. ex Hook. f., *l.c. p.p.*

Blyxa ceylanica Hook. f., *l.c.*

S. & N.E. India, N.W. to C. Himalaya.

Blyxa schinosperma (C.B.Cl.) Hook. f., Fl. Brit. India 5: 661. 1888.

Hydrotraphus echinospermus C.B.Cl. in J. Linn. Soc. 14: 8, t. 1. 1875.

Blyxa echinospermoides Blatt. in J. Proc. Asiat. Soc. Beng. (N.S.) 26: 354. 1931.

Blyxa lanceifolia Hook. f., *l.c.*

Blyxa talbotii Hook. f., *l.c.*

Peninsular, E. & N.E. India.

Blyxa japonica (Miq.) Maxim. ex Aschers. & Gurke in Engl., Pflanzenfam. 2-1: 253. 1889; Hartog in Steenis, Fl. Males. 1, 5: 393. 1957.

Hydrilla japonica Miq. in Ann. Mus. Bot. Lugd.-Bat. 2: 271. 1866.
E. India.

Blyxa octandra (Roxb.) Planch. ex Thw., Enum. Pl. Zeyl. 332. 1864; Hartog in Steenis, Fl. Males. 1, 5: 392. 1957.

Vallisneria octandra Roxb., Pl. Cor. 2: 34, t. 165. 1802.

Blyxa roxburghii Rich. in Mem. Inst. Paris 12, 2: 77, t. 5. 1812; Hook. f., Fl. Brit. India 5: 660. 1888.

Blyxa griffithii Planch. ex Hook. f., *l.c. p.p.*

Peninsular & E. India, Andaman & Nicobar Islands.

ENHALUS L.C. Rich. in Mem. Cl. Sci. Math. Inst. Natl. France 12(2): 64. 1814.

Ehhalus acoroides (L.f.) L.C. Rich. ex Steud.,
Nom. Bot. ed. 2. 1: 554. 1840.

Stratiotes acoroides L.f., Suppl. 268. 1781.
S. India, Andaman & Nicobar Islands.

HALOPHILA Petit.-Thou., Gen. Nova Madag.
2. 1806.

Halophila beccardi Aschers. in Nuov. Giorn.
Bot. Ital. 3: 302. 1871; Hartog in Steenis, Fl.
Males. 1, 5: 411. 1957.
Peninsular India.

Halophila decipiens Ostenf. in Bot. Tidsskr. 24:
260. 1902; Hartog in Steenis, Fl. Males. 1, 5:
410. 1957.
Peninsular India.

Halophila minor (Zoll.) Hartog in Steenis, Fl.
Males. 1, 5: 410. 1957.

Lemnopsis minor Zoll., Syst. Verz. 1: 75. 1854.

Halophila ovata Gaud. in Freycin., Voy. Bot.
430, t. 40, f. 1. 1829 *nom. illeg.*
S. India.

Halophila ovalis (R. Br.) Hook. f., Fl. Tasm. 2:
45. 1838; Hartog in Steenis, Fl. Males. 1, 5:
408. 1957.

Caulina ovalis R. Br., Prodr. 1: 339. 1810.

Halophila ovata sensu Hook. f., Fl. Brit. India
5: 663. 1888 *non* Gaud. 1829.
S. India, Andaman & Nicobar Islands.

Halophila stipulacea (Forssk.) Aschers. in Bot.
Zeit. 25: 94. 1867.

Zostera stipulacea Forssk., Fl. Aeg.-Arab. 158.
1775.

Halophila balfouri Solered. in Beih. Bot.
Centralbl. 30: 47. 1913.
E. Coast of India.

HYDRILLA L.C. Rich. in Mem. Cl. Sci. Math.
Inst. Natl. France 12(2): 9, 61, 76. 1814.

Hydrilla verticillata (L.f.) Royle, Ill. Bot.
Himal. t. 376. 1839; Hook. f., Fl. Brit. India 5:
659. 1888.

Serpicula verticillata L.f., Suppl. 416. 1781.

Hydrilla polysperma Blatt. in I. Proc. Asiat.
Soc. Beng. (N.S.) 26: 356. 1931.

Throughout India.

HYDROCHARIS L., Sp. Pl. 1036. 1753.

Hydrocharis dubia (Bl.) Backer, Handb. Fl.
Java 1: 64. 1925; Hartog in Steenis, Fl. Males.
1, 5: 394. 1957.

Pontederia dubia Bl., Enum. Pl. Jav. 1: 33.
1827.

Hydrocharis morsus-ranae sensu Hook. f., Fl.
Brit. India 5: 662. 1888 *non* L., 1753.

Hydrocharis asiatica Miq., Fl. Ind. Bat. 3: 239.
1856.

Hydrocharis cellulosa Buch.-Ham. ex Prain,
Bengal Pl. 2: 997. 1903 (2: 749. 1963, Repr.
ed.).
N. & E. India.

LAGAROSIPHON W.H. Harvey in J. Bot.
(Hooker) 4: 230. 1841.

Lagarosiphon alternifolia (Roxb.) Druce in Rep.
Bot. Exch. Cl. Brit. Is. 1916: 630. 1917; Govind.
in Proc. Indian Acad. Sci. (Plant Sci.) 93: 15.
1984.

Vallisneria alternifolia Roxb., Pl. Cor. 2: t. 165.
1802 & Fl. Ind. 3: 750. 1832.

Nechamandra alternifolia (Roxb.) Thw., Enum.
Pl. Zeyl. 332. 1864; Subr. & Balakr. in Bull.
Bot. Surv. India 3: 23. 1961.

Lagarosiphon roxburghii (Planch.) Bth. in Bth.
& Hook. f., Gen. Pl. 3: 451. 1883; Hook. f., Fl.
Brit. India 5: 659. 1888.
Throughout India.

OTTIELIA Pers., Syn. Pl. 1: 400. 1805.

Ottelia alismoides (L.) Pers., Syn. Pl. 1: 400.
1805; Hook. f., Fl. Brit. India 5: 662. 1888.

Stratiotes alismoides L., Sp. Pl. 535. 1753.
Throughout India.

THALASSIA Banks & Soland. ex Koen. in
Ann. Bot. (Konig & Sims) 2: 96. 1805.

Thalassia hemprichii (Ehrenb.) Aschers. in
Petermann, Mitt. 17: 242. 1871; Hartog in

Steenia, Fl. Males. 1, 5: 406. 1957.

Schizotheca hemprichii Ehrenb. in Abh. Berl. Ak. Wiss. 1832, 1: 429. 1834.
S. India, Andaman & Nicobar Islands.

VALLISNERIA L., Sp. Pl. 1015. 1753.

Vallisneria gigantea Gaerb. in Bot. Jahrb. 49: 68. 1912; Hartog in Steenis, Fl. Males. 1, 5: 388. 1957.

Vallisneria spiralis sensu Kenoyer in J. Asiat. Soc. Beng. (N.S.) 15: 303. 1920 non L., 1753.
India (locality ?).

Vallisneria minor Royle, Ill. Bot. Himal. 337. 1839.
Himalaya.

Vallisneria spiralis L., Sp. Pl. 1015. 1753;
Hook. f., Fl. Brit. India 5: 660. 1888.

var. spiralis.
Throughout India.

var. dense-serrulata Makino in Bot. Mag. Tokyo 28: 27. 1914; Lowden in Aquatic Bot. 13: 288. 1982.

Physikum natans Lour., Fl. Cochinch. 663. 1790.

Vallisneria natans (Lour.) Hara in J. Jap. Bot. 49: 136. 1974.

Vallisneria spiralis sensu Wight, Illust. Pl. Ind. Or. 1: t. 23-24. 1840 non L., 1753; Hook. f., Fl. Brit. India 5: 660. 1888 p.p.
Throughout India.

HYPOXIDACEAE

CURCULIGO Gaertn., Fruct. 1: 63, t. 16, f. 11. 1788.

Curculigo crassifolia (Baker) Hook. f., Fl. Brit. India 6: 279. 1892.

Molineria crassifolia Baker in J. Linn. Soc. 17: 121. 1878.
C. to E. Himalaya, N.E. India.

Curculigo gracilis (Kurz) Wall. ex Hook. f., Fl. Brit. India 6: 278. 1892.

Molineria gracilis Kurz in Ann. Mus. Bot. Ludg. Bat. 4: 177. 1867.
Tropical Himalaya.

Curculigo oligantha (C.E.C. Fischer) Bennet & Raiz in Ind. J. For. 4: 67. 1981.

Molineria oligantha C.E.C. Fischer in Kew Bull. 1932: 349. 1932.
N.E. India.

Curculigo orchiloides Gaertn., Fruct. 1: 63, t. 13. 1788; Hook. f., Fl. Brit. India 6: 279. 1892.

Curculigo brevifolia Dryand. in Ait., Hort. Kew. ed. 2. 2: 253. 1811.

Curculigo malabarica Wight, Ic. t. 2045A, f. 1. 1853.
Peninsular & N.E. India, Andaman & Nicobar Islands, subtropical Himalaya.

Curculigo prainiana (Deb) Bennet & Raiz. in Ind. J. For. 4: 67. 1981.

Molineria prainiana Deb in Bull. Bot. Surv. India 6: 77. 1968.

Molineria grandis Mitra in J. Indian Bot. Soc. 43: 487. 1965.
N.E. India.

HYPOXIS L., Syst. Nat. ed. 10. 2: 986, 1366. 1759.

Hypoxis aurea Lour., Fl. Cochinch. 200. 1790;
Hook. f., Fl. Brit. India 6: 277. 1892.

Curculigo graminifolia Nimmo in Grah., Cat. Pl. Bombay 215. 1839.
Throughout India.

MOLINERIA Colla in Mem. Reale Accord. Sci. Torino 31 (Hort. Ripul. App. 2): 331. 1826.

Molineria capitulata (Lour.) Herb., Amaryll. 84. 1837.

Leucojum capitulatum Lour., Fl. Cochinch. 199. 1790.

Molineria recurvata Dryand. in Ait., Hort. Kew. ed. 2. 2: 253. 1811.

Curculigo capitulata (Lour.) O. Ktze., Rev. Gen. Pl. 2: 703. 1891.
Tropical Himalaya, E. India, Andaman & Nicobar Islands.

Molineria latifolia (Dryand.) Herb. ex Kurz in Tijdschr. Nederl. Ind. 37: 232. 1864; Wight, Ic. t. 2044. 1853.

Curculigo latifolia Dryand. in Ait., Hort. Kew. ed. 2: 253. 1811.
Andaman & Nicobar Islands.

Mollneria trichocarpa (Wight) Balakr. in J. Bombay nat. Hist. Soc. 63: 330. (1966) 1967.

Hypoxis trichocarpa Wight, Ic. t. 2045. 1853.

Curculigo trichocarpa (Wight) Bennet & Raiz. in Ind. J. For. 4: 68. 1981.

Molineria finlaysoniana Wall. ex Baker in J. Linn. Soc. 17: 121. 1878.

Curculigo finlaysoniana (Wall. ex Baker) Hook. f., Fl. Brit. India 6: 279. 1892.
Peninsular India.

IRIDACEAE

BELAMCANDA Adans., Fam. 2: 60, 524. 1763
("Belamkanda") (orth. et nom. cons.).

Belamcanda chinensis (L.) DC. in Redoute, Lilia. 3: t. 121. 1805; Hook. f., Fl. Brit. India 6: 277. 1892.

Ixia chinensis L., Sp. Pl. 36. 1753.

Pardanthus chinensis (L.) Ker-Gawl. in Ann. Bot. (Koen. & Sims) 1: 246. 1804.
Cultivated, often as an escape throughout India.

CIPURA Aubl., Hist. Pl. Guiane 38. 1775.

Cipura paludosa Aubl., Hist. Pl. Guiane 38. 1775; Prain, Bengal Pl. 2: 1055. 1903 (793. 1963, Repr. ed.).
Naturalised in E. India.

CROCUS L., Sp. Pl. 36. 1753.

Crocus sativus L., Sp. Pl. 36. 1753; Hook. f., Fl. Brit. India 6: 276. 1892.
Cultivated in Kashmir; occurs as an escape.

ELEUTHERINE Herb. in Edw., Bot. Reg. 29: t. 57. 1843. (nom. cons.).

Eleutherine palmifolia (L.) Merr. in Philipp. J. Sci. Bot. 7: 233. 1912; Verma et al. in J. Econ. Tax. Bot. 5: 751. 1982.

Sisyrinchium palmifolium L., Mant. 1: 122. 1767.

Naturalised in E. India.

IRIS L., Sp. Pl. 38. 1753.

Iris aitchisonii (Baker) Boiss., Fl. Orient. 5: 123. 1882; Hook. f., Fl. Brit. India 6: 272. 1892.

Xiphion aitchisonii Baker in J. Bot. 13: 108. 1875.

Iris aitchisonii var. *chrysantha* Baker, Handb. Irid. 44. 1892; Hook. f., l.c.
N.W. India.

Iris aurea Lindl. in Bot. Reg. 10: t. 59. 1847; Hook. f., Fl. Brit. India 6: 273. 1892.
N.W. Himalaya.

Iris clarkii Baker ex Hook. f., Fl. Brit. India 6: 275. 1892.

Iris himalaica W.R. Dykes in Gard. Chron. 45: 36. 1909.
Himalaya.

Iris decora Wall., Pl. Asiat. Rar. 1: 77, t. 86. 1830; Schilling in J. Roy. Hort. Soc. 94: 225, t. 100. 1969.

Iris nepalensis D. Don, Prodr. Fl. Nepal. 54. 1825 non Wall. ex Lindl. 1824; Hook. f., Fl. Brit. India 6: 273. 1892.
Temperate Himalaya, N.E. India.

Iris deflexa Knowles & Westw., Flora Cab. 2: 19, t. 57. 1838; Hook. f., Fl. Brit. India 6: 275. 1892.
India (locality?).

Iris duthiei Foster in Gard. Chron. 1: 611. 1887; Hook. f., Fl. Brit. India 6: 275. 1892.
W. Himalaya.

Iris ensata Thunb. in Trans. Linn. Soc. 2: 328. 1794; Hook. f., Fl. Brit. India 6: 272. 1892.
W. Himalaya.

Iris germanica L. var. *nepalensis* (Wall. ex Lindl.) Herb. in Edw., Bot. Reg. 26: Misc. 34. 1840; Hara et al., Enum. Fl. Pl. Nepal 1: 64. 1978.

Iris nepalensis Wall. ex Lindl. in Edw., Bot. Reg. 10: t. 1818. 1824; Hook. f., Fl. Brit. India 6: 276. 1892.
W. to C. Himalaya.

Iris gonlocarpa Baker in Gard. Chron. 2: 710. 1876 & in J. Linn. Soc. 16: 145. 1876; Hook.

f., Fl. Brit. India 6: 274. 1892.
C. to E. Himalaya.

Iris hookeriana Foster in Gard. Chron. 1: 611.
1887; Hook. f., Fl. Brit. India 6: 275. 1892.
W. Himalaya.

Iris kamaonensis D. Don ex Royle, Ill. Bot.
Himal. 1: 372. 1839 ("*kamaonensis*"); Hook. f.,
Fl. Brit. India 6: 274. 1892.
Himalaya.

Iris kashmiriana Baker in Gard. Chron. 2: 744.
1877; Hook. f., Fl. Brit. India 6: 275. 1892.
W. Himalaya.

Iris longifolia Royle, Ill. Bot. Himal. 1: 372, t.
91, f. 2. 1839; Hook. f., Fl. Brit. India 6: 276.
1892.
India (locality?).

Iris mitesii Foster in Gard. Chron. 1: 231.
1883; Hook. f., Fl. Brit. India 6: 273. 1892.
W. Himalaya.

Iris spuria L., Sp. Pl. 39. 1753; Hook. f., Fl.
Brit. India 6: 272. 1892.
N.W. Himalaya.

Iris staintonii Hara in J. Jap. Bot. 49: 203.
1974.
Nepal.

Iris wattii Baker ex Hook. f., Fl. Brit. India 6:
273. 1892.
N.E. India.

JUNCACEAE

JUNCUS L., Sp. Pl. 325. 1753.

Juncus altoides Franch. in Nouv. Arch. Mus.
Hist. Nat. Paris 10: 99. 1887; Hara *et al.*,
Enum. Fl. Pl. Nepal 1: 84. 1978.
Himalaya, N.E. India.

Juncus articulatus L., Sp. Pl. 327. 1753.

Juncus lampocarpus Ehrh., Calam. n. 126. 1791;
Hook. f., Fl. Brit. India 6: 395. 1892.
Himalaya, N.E. India.

Juncus banghalensis Kunth, Enum. Pl. 3: 360.
1841; Hara *et al.*, Enum. Fl. Pl. Nepal 1: 84.
1978.

Juncus membranaceus sensu Hook. f., Fl. Brit.
India 6: 397. 1892 *p.p.* non Royle ex D. Don,
1839.
Himalaya.

Juncus bhutanensis Satake in Hara, Fl. E.
Himal. 2: 162. 1971.
Himalaya.

Juncus biglumoides Hara in J. Jap. Bot. 49:
201. 1974.
W. to C. Himalaya.

Juncus brachystigma Samuel. in Hand.-Mazz.,
Symb. Sin. 7: 1236. 1936.
Himalaya.

Juncus bracteatus Buchen. in Engl., Bot. Jahrb.
6: 220. 1885; Hook. f., Fl. Brit. India 6: 397.
1892.
Subalpine Himalaya.

Juncus bufonius L., Sp. Pl. 328. 1753; Hook.
f., Fl. Brit. India 6: 392. 1892.
N., N.W. to E. India, N. W. to C. Himalaya.

Juncus cephalostigma Samuel. in Hand.-Mazz.,
Symb. Sin. 7: 1233. 1936.
C. to E. Himalaya.

Juncus chrysocarpus Buchen. in Engl., Bot.
Jahrb. 6: 201. 1885; Hook. f., Fl. Brit. India 6:
394. 1892.
Himalaya.

Juncus clarkei Buchen. in Engl., Bot. Jahrb. 6:
210. 1885; Hook. f., Fl. Brit. India 6: 400.
1892.
E. Himalaya, N.E. India.

Juncus compressus Jacq., Enum. Stirp. Vind. 60,
235. 1762; Hook. f., Fl. Brit. India 6: 393. 1892.
N.W. Himalaya.

Juncus concinnus D. Don, Prodr. Fl. Nepal. 44.
1825 & in Trans. Linn. Soc. 18: 321. 1840;
Hook. f., Fl. Brit. India 6: 399. 1892.

Juncus elegans Royle ex D. Don in Trans. Linn.
Soc. 18: 321. 1841.

var. concinnus.

Temperate Himalaya, N.E. India.

var. turbidus Buchen. in Nachr. Ges. Wiss.
Gottingen 252. 1869.
E. Himalaya, N.E. India.

Juncus effusus L., Sp. Pl. 326. 1753; Hook. f.,
Fl. Brit. India 6: 392. 1892.
C. to E. Himalaya, N.E. India.

Juncus grisebachii Buchen. in Abh. Nat. Ver.
Brem. 3: 295. 1873 & in Engl., Bot. Jahrb. 202.
1885; Hook. f., Fl. Brit. India 6: 394. 1892.
Subalpine Himalaya.

Juncus himalensis Klotz. in Klotz. & Garcke in Die Bot. Ehreb. Der. Rei Pri. Waldern. 60, t. 97. 1862; Hook. f., Fl. Brit. India 6: 398. 1892.

var. *himalensis*.
Alpine & subalpine Himalaya.

var. *schlagintweitii* (Buchen.) Buchen., Monogr. Junc. 406. 1890.

Juncus schlagintweitii Buchen. in Nachr. Ges. Wiss. Göttingen 255. 1869.
N.W. Himalaya.

Juncus inflexus L., Sp. Pl. 326. 1753.

Juncus glaucus Ehrh., Calam etc. exs. n. 85 & Beitr. Naturk. 6: 83. 1791; Hook. f., Fl. Brit. India 6: 393. 1892.

var. *inflexus*.
Tamil Nadu (Nilgiris), N.E. India, Himalaya.

var. *leptocarpus* (Buchen.) Sanjappa comb. nov.

Juncus leptocarpus Buchen. in Nachr. Ges. Wiss. Göttingen 244. 1869.

Juncus glaucus var. *leptocarpus* (Buchen.) Buchen. in Engl., Bot. Jahrb. 6: 20. 1885.
Tamil Nadu (Nilgiris), Himalaya.

Juncus khasiensis Buchen., Monogr. Junc. 407. 1890; Hook. f., Fl. Brit. India 6: 399. 1892.
N.E. India.

Juncus kingii Rendle in J. Bot. 44: 45. 1906; Hara et al., Enum. Fl. Pl. Nepal 1: 84. 1978.
C. to E. Himalaya.

Juncus latior Satake in J. Jap. Bot. 12: 90. 1936 & in Hara, Fl. E. Himal. 162. 1971.
E. Himalaya.

Juncus leptospermus Buchen. in Engl., Bot. Jahrb. 6: 203. 1885; Hook. f., Fl. Brit. India 6: 396. 1892.
E. & N.E. India.

Juncus lechenaultii Gay in Leharpe, Monogr. Junc. 137. 1827; Hara et al., Enum. Fl. Pl. Nepal 1: 84. 1978.

Juncus prismatocarpus sensu Hook. f., Fl. Brit. India 6: 395. 1892 p.p. non R. Br. 1810.
Himalaya.

Juncus leucanthus Royle ex D. Don in Trans. Linn. Soc. 18: 318. 1840; Hook. f., Fl. Brit. India 6: 397. 1892.

var. *leucanthus*.
Alpine Himalaya.

var. *alpinus* Buchen., Monogr. Junc. 396. 1890.
E. Himalaya.

Juncus leucomelas Royle ex D. Don in Trans. Linn. Soc. 18: 319. 1840; Hook. f., Fl. Brit. India 6: 397. 1892.
Himalaya.

Juncus luteocarpus Satake in Hara, Fl. E. Himal. 2: 163. 1971.
C. to E. Himalaya.

Juncus maritimus Lam., Encycl. 3: 264. 1789; Shah, Fl. Gujarat 691. 1971.
W. India.

Juncus membranaceus Royle ex D. Don in Trans. Linn. Soc. 18: 317. 1840; Hook. f., Fl. Brit. India 6: 397. 1892.
Temperate & Subalpine Himalaya.

Juncus minimus Buchen. in Bot. Zeit. 25: 145. 1867 & in Engl., Bot. Jahrb. 6: 209. 1885; Hook. f., Fl. Brit. India 6: 400. 1892.
Himalaya.

Juncus monticola Steud., Syn. 2: 301. 1855; Hara in J. Jap. Bot. 20: 332. 1944.

Juncus prismatocarpus sensu Hook. f., Fl. Brit. India 6: 395. 1892 p.p. non R. Br., 1810.
Himalaya.

Juncus nematocaulon Hook. f., Fl. Brit. India 6: 400. 1892.
N.E. India.

Juncus ochraceus Buchen. in Abh. Nat. Ver. Brem. 3: 292. 1872 & in Engl., Bot. Jahrb. 4: 207, t. 2. 1855; Hook. f., Fl. Brit. India 6: 394. 1892.
Himalaya, N.E. India.

Juncus prismatocarpus R. Br. var. *sinensis* (J. Gay) Hook. f., Fl. Brit. India 6: 396. 1892.

Juncus sinensis J. Gay in Leharpe, Monogr. Junc. 137. 1827.
E. to N.E. India.

Juncus pseudocastaneus (Lingelsh.) Samuels. in Hand.-Mazz., Symb. Sin. 7: 1230. 1936; Hara et al., Enum. Fl. Pl. Nepal 1: 85. 1978.

Juncus sikkimensis Hook. f. var. *pseudocastaneus* Lingelsh. apud Limpr. f. in Fedde, Repert. 12: 316. 1922.
C. to E. Himalaya.

Juncus sikkimensis Hook. f., Fl. Brit. India 6: 399. 1892 & in Hook., Ic. Pl. 23: t. 2235. 1892.

var. *sikkimensis*.

C. to E. Himalaya.

var. *monocephalus* Hook. f., Fl. Brit. India 6: 399. 1892.

C. to E. Himalaya.

Juncus sphaerolatus Decne. in Jacquem., Voy. Bot. 4: 172, t. 172. 1844; Hook. f., Fl. Brit. India 6: 398. 1892.

Alpine Himalaya.

Juncus sphenostemon Buchen. in Engl., Bot. Jahrb. 6: 223, t. 3. 1885; Hara, Fl. E. Himal. 403. 1966 & 2: 164. 1971.

Himalaya.

Juncus tenuis Willd., Sp. Pl. 2: 214. 1799; Hook. f., Fl. Brit. India 6: 393. 1892.

N.E. India.

Juncus thomsonii Buchen. in Bot. Zeit. 25: 148. 1867; W.W. Sm. in Rec. Bot. Surv. India 4: 421. 1913.

Juncus leucomelas sensu Hook. f., Fl. Brit. India 6: 397. 1892 *p.p.* non Royle apud D. Don, 1840.

Himalaya.

Juncus tratangensis Satake in Univ. Mus. Univ. Tokyo Bull. 2: 164. 1971.

Bhutan.

Juncus trichophyllus W.W. Sm. in Rec. Bot. Surv. India 6: 103. 1914.

E. Himalaya.

Juncus triglumis L., Sp. Pl. 328. 1753; Hook. f., Fl. Brit. India 6: 396. 1892.

Alpine Himalaya.

Juncus uniflorus W.W. Sm. in Rec. Bot. Surv. India 6: 104. 1914.

C. to E. Himalaya.

Juncus wallchianus Laharpe, Monogr. Junc. 139. 1827; Hara *et al.*, Enum. Fl. Pl. Nepal 1: 85. 1978.

Juncus prismatocarpus sensu Hook. f., Fl. Brit. India 6: 395. 1892 *p.p.* non R. Br. 1810.

Himalaya.

Juncus yoskisukeyi Goel in J. Econ. Tax. Bot. 7: 208. 1985.

Juncus albescens Satake in Univ. Mus. Univ. Tokyo Bull. 2: 161. 1971 & in Hara, Fl. E. Himal. 2: 161, f. 13. 1971 non Fernald, 1924.

Himalaya.

LUZULA DC. in Lam. & DC., Fl. Franc. ed. 3, 3: 158. 1805 (*nom. cons.*).

Luzula campestris (L.) DC. in Lam. & DC., Fl. Franc. 3: 161. 1805; Hook. f., Fl. Brit. India 6: 401. 1892.

Juncus campestris L., Sp. Pl. 329. 1753.

var. *campestris*.

S. & N.E. India, Temperate and Alpine Himalaya.

var. *australasica* (Steud.) Buchen. in Oest. Bot. Zeit. 216. 1898; Backer in Steenis, Fl. Males. 1, 4: 215. 1951.

Luzula australasica Steud., Syn. Pl. Glum. 2: 294. 1855.

Himalaya.

var. *vulgaris* Gandin, Fl. Helv. 2: 572. 1828.

Tamil Nadu (Nilgiris).

Luzula chinensis N.E. Br. in J. Linn. Soc. 36: 161. 1903; Mitra, Fl. Pl. E. India 1: 93. 1958.

Luzula parvifolia Buchen. in Monogr. Junc. 463. 1890 *non* Desv. 1808.

Himalaya.

Luzula effusa Buchen. in Krit. Verz. Aller. Junc. 53, 88. 1880; Hook. f., Fl. Brit. India 6: 401. 1892.

Himalaya, N.E. India.

Luzula multiflora (Retz.) Lejeune, Fl. Env. Spa. 1: 169. 1811; Hara *et al.*, Enum. Fl. Pl. Nepal 1: 85. 1978.

Juncus multiflorus Retz., Fl. Scand. Prodr. ed. 2. 82. 1795.

Luzula campestris sensu Hook. f., Fl. Brit. India 6: 401. 1892 *non* DC., 1805.

Temperate Himalaya.

Luzula oligantha Samuels. in Hulten, Fl. Kamt. 1: 227. 1927; Hara *et al.*, Enum. Fl. Pl. Nepal 1: 85. 1978.

C. to E. Himalaya.

Luzula plumosa E. Mey. in Linnaea 22: 387. 1849; Hook. f., Fl. Brit. India 6: 401. 1892.

Temperate Himalaya, N.E. India.

Luzula rostrata Buchen. ssp. *darjeelingensis* Satake in Hara, Fl. E. Himal. 404. 1966.

E. Himalaya.

Luzula spicata (L.) DC. in Lam. & DC., Fl. Franc. 3: 161. 1805; Hook. f., Fl. Brit. India 6: 401. 1892.

Juncus spicata L., Sp. Pl. 330. 1753.
Alpine Himalaya.

Luzula sudetica DC., Fl. Franc. 6: 306. 1815;
Satake in Hara, Fl. E. Himal. 404. 1966.
E. Himalayas?

JUNCAGINACEAE

TRIGLOCHEN L., Sp. Pl. 338. 1753.

Triglochin maritima L., Sp. Pl. 339. 1753;
Hook. f., Fl. Brit. India 6: 563. 1893.
Temperate & Alpine Himalaya.

Triglochin palustre L., Sp. Pl. 338. 1753;
Hook. f., Fl. Brit. India 6: 563. 1893.
Temperate & Alpine Himalaya.

LEMNACEAE

LEMNA L., Sp. Pl. 970. 1753.

Lemna gibba L., Sp. Pl. 970. 1753; Hook. f.,
Fl. Brit. India 6: 556. 1893.
Throughout India.

Lemna minor L., Sp. Pl. 970. 1753; Hook. f.,
Fl. Brit. India 6: 556. 1893, *p.p.*
Throughout India.

Lemna perpusilla Torr., Fl. N.Y. 2: 245. 1843.

Lemna minor sensu Hook. f., Fl. Brit. India 6:
556. 1893 *p.p. non* L., 1753.

Lemna paucicostata Hegelm., Lemnac. 139.
1868; Hook. f., *l.c.*

Lemna minima Blatt. & Hallb. in J. Indian Bot.
2: 50. 1921.

Lemna blaseri McC. in J. Bombay nat. Hist.
Soc. 43: 153. 1942.

Lemna eleanorae McC. *l.c.* 154.
Throughout India.

Lemna trisulea L., Sp. Pl. 970. 1753; Hook. f.,
Fl. Brit. India 6: 557. 1893.
Almost throughout plains of India.

PSEUDOWOLFFIA Hartog & Plas in Blumea

18: 365. 1970.

Pseudowolffia hyalina (Del.) Hartog & Plas in
Blumea 18: 365. 1970; Ramayya & Rajgopal in
Aquatic Bot. 1: 71. 1975.
S. India.

SPIRODELA Schleid. in Linnaea 13: 391.
1839.

Spirodela polyrhiza (L.) Schleid. in Linnaea 13:
392. 1839.

Lemna polyrhiza L., Sp. Pl. 970. 1753; Hook. f.,
Fl. Brit. India 6: 557. 1893.

Lemna orbiculata Roxb., Fl. Ind. 3: 565. 1832.

Lemna maxima Blatt. & Hallb. in J. Indian Bot.
2: 49. 1921.

Spirodela maxima (Blatt. & Hallb.) McC. in J.
Bombay nat. Hist. Soc. 43: 158. 1942.
Throughout India.

Spirodela punctata (E. Mey.) Thompson in
Rep. Missouri Bot. Gard. 9: 28. 1897.

Lemna punctata E. Mey., Prim. Fl. Esseq. 262.
1818.

Lemna oligorrhiza Kurz in J. Linn. Soc. 9: 267,
t. 5, f. 1-6. 1866; Hook. f., Fl. Brit. India 6:
557. 1893.

Spirodela oligorrhiza Hegelm., Lemnac. 147, t.
16. 1868.

Spirodela oligorrhiza var. *javanica* Hegelm. *l.c.*;
McC. in J. Bombay nat. Hist. Soc. 43: 157.
1942.
Peninsular, N. & E. India.

WOLFFIA Horkel ex Schleid. in Linnaea 13:
389. 1839 & Beitr. Bot. 1: 233. 1844 (*nom.*
cons.).

Wolffia arrhiza (L.) Horkel ex Wimmer, Fl.
Schles. ed. 3. 140. 1857; Hook. f., Fl. Brit.
India 6: 557. 1893.

Lemna arrhiza L., Mant. 294. 1771.

Wolffia michelii Schleid., Beitr. Bot. 1: 233.
1844.
Throughout India.

Wolffia columbina Karsten, Bot. Unters 1:
103. 1865; Kak *et al.* in Indian Forester 104:
283. 1976.

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N.W. Himalaya.

Wolffia globosa (Roxb.) Hartog & Plas in *Blumea* 18: 367. 1970.

Lemna globosa Roxb., Fl. Ind. 3: 565. 1832.

Grantia globosa (Roxb.) Griff. ex Voigt, Hort. Suburb. Calc. 692. 1845.

Wolffia arrhiza sensu Hook. f., Fl. Brit. India 6: 557. 1893 *p.p.* non Wimmer, 1857.
Throughout India.

Wolffia microscopica (Griff. ex Voigt) Kurz in *J. Linn. Soc.* 9: 265. 1866; Hook. f., Fl. Brit. India 6: 558. 1893.

Grantia microscopica Griff. ex Voigt, Hort. Suburb. Calc. 692. 1845.
E. India.

Wolffia papulifera Thompson in Rep. Missouri Bot. Gard. 40. 1898; Kak *et al.* in Indian Forester 104: 283. 1974.
N.W. Himalaya.

LILIACEAE

ALETRIS L., Sp. Pl. 319. 1753.

Aletris alpestris Diels var. *occidentalis* Hara in *J. Jap. Bot.* 47: 276. 1972.
Nepal.

Aletris gracilis Rendle in *J. Bot.* 44: 41. 1906; Hara *et al.*, Enum. Fl. Pl. Nepal 1: 70. 1978.
C. to E. Himalaya.

Aletris khasiana Hook. f., Fl. Brit. India 6: 265. 1892.
N.E. India.

Aletris pauciflora (Klotz.) Hand.-Mazz., Symb. Sin. 7: 1220. 1936.

Stachypogon pauciflorus Klotz. in Klotz. & Garcke, Bot. Erg. Weidern. 49, t. 94. 1862.

Aletris nepalensis Hook. f., Fl. Brit. India 6: 264. 1892.
Temperate & Alpine Himalaya.

Aletris sikkimensis Hook. f., Fl. Brit. India 6: 265. 1892.
Himalaya.

ALLIUM L., Sp. Pl. 294. 1753.

Allium ascatonicum L., Sp. Pl. ed. 2. 429. 1762; Hook. f., Fl. Brit. India 6: 337. 1892.
Cultivated.

Allium atropurpureum Waldst. & Kit., Pl. Rar. Hung. 1: 16, t. 17. 1800; Hook. f., Fl. Brit. India 6: 344. 1892.
N.W. Himalaya.

Allium atrosanguineum Schrenk in Bull. Acad. Petersb. 10: 355. 1842; Hook. f., Fl. Brit. India 6: 338. 1892.
N.W. Himalaya.

Allium auriculatum Kunth, Enum. Pl. 4: 418. 1843; Hook. f., Fl. Brit. India 6: 342. 1892.
W. Himalaya.

Allium caesioides Wendoibo in Bot. Notis. 122: 29. 1969.
N.W. Himalaya.

Allium carolinianum DC. in Redoute, Lilia. 2: t. 101. 1804.

Allium blandum Wall., Pl. Asiat. Rar. 3: 38, t. 260. 1832; Hook. f., Fl. Brit. India 6: 339. 1892.

Allium thomsoni Baker in *J. Bot.* 3: 294. 1874; Hook. f., *l.c.*
N.W. Himalaya to Western Nepal.

Allium cepa L., Sp. Pl. 300. 1753; Hook. f., Fl. Brit. India 6: 337. 1892.
Widely cultivated.

Allium chinense G. Don, Monogr. All. 83. 1827.

Allium bakeri Regel in Act. Hort. Pctrop. 3: 341. 1875.
N.E. India.

Allium chitraticum Wang & Tang in Biol. Fan. Mem. Inst. Biol. Bot. Peking (Peiping) 7: 298. 1937; Nasir in Nasir & Ali, Fl. W. Pakistan Fasc. 83: 29. 1975.
N.W. Himalaya.

Allium consanguineum Kunth, Enum. Pl. 4: 431. 1843; Hook. f., Fl. Brit. India 6: 340. 1892.

Allium stracheyi Baker in *J. Bot.* 3: 293. 1874.
W. Himalaya.

Allium fasciculatum Rendle in *J. Bot.* 44: 42. 1906.

Allium gageanum W.W. Sm. in Rec. Bot. Surv. India 4: 247. 1911; Stearn in Bull. Brit. Mus. Nat. Hist. Bot. 2: 183. 1960.

C. to E. Himalaya.

Allium fedschenkoanum Regel, Monogr. All. 82. 1875; Hook. f., Fl. Brit. India 6: 338. 1892.

Allium semontovii sensu Hook. f., *l.c.* non Regel, 1875.
Himalaya.

Allium gilgiticum Wang & Tang in Bull. Fam. Mem. Biol. Bot. Peiping 7: 294. 1937.
N.W. Himalaya.

Allium griffithianum Boiss., Diagn. Pl. Or. 2, 4: 117. 1859.

Allium rubellum M. Bieb. var. *grandiflora* Boiss., Fl. Orient. 5: 253. 1882; Hook. l., Fl. Brit. India 6: 339. 1892.
N.W. Himalaya.

Allium hookeri Thw., Enum. Pl. Zeyl. 339. 1864; Hook. f., Fl. Brit. India 6: 341. 1892.
N.E. India.

Allium humile Kunth, Enum. Pl. 4: 443. 1843.

Allium govanianum Wall. ex Baker in J. Bot. 3: 293. 1874; Hook. f., Fl. Brit. India 6: 344. 1892.
Himalaya.

Allium hypsistum Stearn in Bull. Brit. Mus. Nat. Hist. Bot. 2: 188. 1960.
Nepal.

Allium jacquemontii Kunth, Enum. Pl. 4: 399. 1843; Hook. f., Fl. Brit. India 6: 342. 1892.

Allium rubellum sensu Hook. f., *l.c.* 339 non M. Bieb., 1808.
W. Himalaya, N.W. & N.E. India.

Allium kachrool Singh in Geobios 4: 166. 1977.
N.W. Himalaya.

Allium loratum Baker in J. Bot. 3: 290. 1874; Hook. f., Fl. Brit. India 6: 345. 1892.
N.W. Himalaya.

Allium macranthum Baker in J. Bot. 3: 293. 1874; Hook. f., Fl. Brit. India 6: 345. 1892.
E. Himalaya.

Allium oreoprasum Schrenk in Bull. Imp. Acad. Petersb. 10: 354. 1842; Hook. f., Fl. Brit. India 6: 344. 1892.
N.W. Himalaya.

Allium platyspathum Schrenk, Enum. Pl. Nov. 1: 7. 1841; Hook. f., Fl. Brit. India 6: 340.

1892.

var. *platyspathum*.
E. Himalaya.

var. *falcata* Regel, Monogr. All. 135. 1875; Hook. f., Fl. Brit. India 6: 340. 1892.
E. Himalaya.

Allium porrum L., Sp. Pl. 294. 1753.

Allium ampeloporasum L., Sp. Pl. 295. 1753; Hook. l., Fl. Brit. India 6: 337. 1892.
Cultivated.

Allium prattii C.H. Wright apud Forbes & Hemsl. in J. Linn. Soc. 36: 124. 1903.

Allium victorialis L. var. *angustifolia* Hook. f., Fl. Brit. India 6: 343. 1892.
Himalaya.

Allium przewalskianum Regel, Monogr. All. 164. 1875; Stearn in Bull. Brit. Mus. Nat. Hist. Bot. 2: 173. 1960.

Allium stoliczki Regel in Acta Hort. Petrop. 3, 2: 160. 1875; Nasir in Nasir & Ali, Fl. W. Pakistan Fasc. 83: 15. 1975.

Allium jacquemontii Regel, *l.c.* 162 non Kunth, 1843.
Temperate Himalaya.

Allium rhabdotum Stearn in Bull. Brit. Mus. Nat. Hist. 2: 187. 1960.
Bhutan.

Allium roylei Stearn in Herbertia 12: 75. 1947.

Allium litacinum Royle ex Regel, Monogr. All. 89. 1875 non Klotz. 1862; Hook. f., Fl. Brit. India 6: 339. 1892.
W. Himalaya.

Allium rubellum M. Bieb. var. *parviflora* Ledeb., Fl. Ross. 4: 171. 1852; Hook. f., Fl. Brit. India 6: 339. 1892.
W. Himalaya.

Allium sativum L., Sp. Pl. 296. 1753; Hook. f., Fl. Brit. India 6: 337. 1892.
Cultivated.

Allium schoenoprasum L., Sp. Pl. 301. 1753; Hook. f., Fl. Brit. India 6: 338. 1892.
W. Himalaya.

Allium schrenki Regel, Monogr. All. 172. 1875; Hook. f., Fl. Brit. India 6: 343. 1892.
W. Himalaya.

Allium sikkimense Baker in J. Bot. 12: 292. 1874; Hook. f., Fl. Brit. India 6: 341. 1892. E. Himalaya.

Allium tuberosum Rottl. ex Spr., Syst. 2: 38. 1825; Hook. f., Fl. Brit. India 6: 343. 1892.

Allium clarkei Hook. f., l.c. 344.

Allium odorum sensu Hook. f., l.c. 343 non L., 1767. W. to C. Himalaya, N.E. India.

Allium victorialis L., Sp. Pl. 295. 1753; Hook. f., Fl. Brit. India 6: 342. 1892. Temperate Himalaya.

Allium wallichii Kunth, Enum. Pl. 4: 443. 1843; Hook. f., Fl. Brit. India 6: 341. 1892. Temperate Himalaya.

ASPARAGUS L., Sp. Pl. 313. 1753.

Asparagus acerosus Roxb., Fl. Ind. 2: 150. 1832; Hook. f., Fl. Brit. India 6: 317. 1892. E. India.

Asparagus adscendens Roxb., Fl. Ind. 2: 153. 1832; Hook. f., Fl. Brit. India 6: 317. 1892. W. Himalaya, N.W. India.

Asparagus africanus Lam., Encycl. 1: 295. 1783; Naras. & Sharma in J. Econ. Tax. Bot. 8: 461, f. 1-7. 1986. Maharashtra.

Asparagus asiaticus L., Sp. Pl. 409. 1753; Hook. f., Fl. Brit. India 6: 316. 1892. Peninsular India.

Asparagus capitatus Baker in J. Linn. Soc. 14: 607. 1875; Hook. f., Fl. Brit. India 6: 315. 1892.

Asparagus gracilis Royle ex Baker, l.c. non Salisb. 1796; Hook. f., l.c.

Asparagus royleanus Daniel in Ind. J. For. 4: 334. 1981. S., N. & N.W. India.

Asparagus curtilus Buch.-Ham. apud Roxb., Fl. Ind. 2: 152. 1832; Hook. f., Fl. Brit. India 6: 318. 1892.

Asparagus nepalensis Baker in J. Linn. Soc. 14: 622. 1875; Hook. f., l.c. 316. Subtropical Himalaya.

Asparagus densiflorus (Kunth) Jessop in

Bothalia 9: 65. 1966.

Asparagopsis densiflora Kunth, Enum. Pl. 5: 96. 1850.

Asparagus sprengeri Regel in Act. Hort. Petrop. 11: 302. 1890 & in Gartengl. 49, f. 80. 1890; Shah, Fl. Gujarat 679. 1978. W. India ('Ornamental').

Asparagus dumosus Baker in J. Linn. Soc. 14: 608. 1875; Hook. f., Fl. Brit. India 6: 315. 1892; Shah, Fl. Gujarat 678. 1978. W. India.

Asparagus filicinus Buch.-Ham. apud D. Don, Prodr. Fl. Nepal. 49, 1825; Hook. f., Fl. Brit. India 6: 314. 1892.

var. *filicinus*. Temperate & Tropical Himalaya, N.E. India.

var. *breviflipes* Baker in J. Linn. Soc. 14: 605. 1875; Hook. f., l.c. 314; Hara, Fl. E. Himal. 405. 1966. N.E. India, Himalaya.

var. *brevifolia* Baker in J. Linn. Soc. 14: 605. 1875; Hook. f., l.c. 315. N.E. India.

var. *lycopodiifera* Baker in J. Linn. Soc. 14: 605. 1875; Hook. f., l.c. E. Himalaya, N.E. India.

var. *microclada* Hook. f., Fl. Brit. India 6: 315. 1892. N.E. India.

Asparagus tysoni MacBride in Contrib. Gray Herb (N.S.) 56: 17. 1918.

Asparagus subulatus Steud. ex Baker in J. Linn. Soc. 16: 614. 1875 non Thunb. 1794; Hook. f., Fl. Brit. India 6: 315. 1892. Tamil Nadu (Nilgiris).

Asparagus gonocladus Baker in J. Linn. Soc. 14: 627. 1875; Hook. f., Fl. Brit. India 6: 318. 1892. Peninsular India.

Asparagus griffithii Baker in J. Linn. Soc. 14: 604. 1875; Nair, Fl. Bashahr Himal. 284. 1977. W. Himalaya.

Asparagus laevissimus Steud. ex Baker in J. Linn. Soc. 14: 623. 1875; Hook. f., Fl. Brit. India 6: 317. 1892. Peninsular India.

Asparagus neglectus Kar. & Kir. in Bull. Soc.

Mosc. 14: 48. 1844; Chowdhery & Wadhwa, Fl. Himachal Pradesh Anal. 3: 706. 1984.
W. Himalaya.

Asparagus penicillatus Hara in J. Jap. Bot. 49: 134, f. 1. 1974.
Nepal.

Asparagus racemosus Willd., Sp. Pl. 2: 152. 1799; Hook. f., Fl. Brit. India 6: 316. 1892.

var. *racemosus*.
Throughout India.

var. *javanica* (Kunth) Baker in J. Linn. Soc. 14: 624. 1875; Hook. f., Fl. Brit. India 6: 317. 1892.

Asparagus javanica Kunth, Enum. Pl. 5: 100. 1850.

Asparagus jacquemontii Baker, l.c. 615; Hook. f., l.c. 316.
Peninsular India, Andaman & Nicobar Islands.

var. *subacerosa* Baker in J. Linn. Soc. 14: 24. 1875; Hook. f., l.c. 317.
C. to E. Himalaya.

Asparagus rotteri Baker in J. Linn. Soc. 14: 611. 1875; Hook. f., Fl. Brit. India 6: 315. 1892.
Peninsular India.

Asparagus rubricaulis (Kunth) Baker in J. Linn. Soc. 14: 616. 1875; Hook. f., Fl. Brit. India 6: 318. 1892.

Asparagopsis rubricaulis Kunth, Enum. Pl. 5: 87. 1850.
India (locality?).

Asparagus setaceus (Kunth) Jessop in Bothalia 9: 51. 1966.

Asparagopsis setacea Kunth, Enum. Pl. 5: 82. 1850.

Asparagus plumosus Baker in J. Linn. Soc. 14: 609. 1875; Shah, Fl. Gujarat 679. 1978.
W. India (Ornamental).

ASPHODELUS L., Sp. Pl. 309. 1753.

Asphodelus comosus Baker in Gard. Chron. 1: 799. 1887; Hook. f., Fl. Brit. India 6: 332. 1892.
W. Himalaya.

Asphodelus tenuifolius Cavan. in Anal. Cienc.

Nat. 3: 46, t. 27, f. 2. 1801; Hook. f., Fl. Brit. India 6: 332. 1892 *excl. syn. A. fistulosus* L.
Throughout plains of India.

ASPIDISTRA Ker-Gawl. in Bot. Reg. t. 628. 1822.

Aspidistra longifolia Hook. f., Fl. Brit. India 6: 326. 1892.
E. Himalaya, N.E. India.

CAMPYLANDRA Baker in J. Linn. Soc. 14: 582. 1875.

Campylandra aurantiaca Baker in J. Linn. Soc. 14: 582, t. 20; 1875; Hara *et al.*, Enum. Fl. Pl. Nepal 1: 71. 1978.

Tupistra aurantiaca (Baker) Wall. ex Hook. f., Fl. Brit. India 6: 325. 1892.
Sub-tropical E. to C. Himalaya; N.E. India.

CARDIOCRINUM Lindl., Vejl. Kingd. 205. 1847.

Cardiocrinum giganteum (Wall.) Makino in Bot. Mag. Tokyo 27: 125. 1913.

Lilium giganteum Wall., Tent. Fl. Nepal. 21, t. 12-13. 1824 *excl. syn.*; Hook. f., Fl. Brit. India 6: 349. 1892.
Temperate Himalaya; N.E. India.

CHLOROPHYTUM Ker-Gawl. in Bot. Mag. t. 1071. 1807.

Chlorophytum acule Baker in J. Linn. Soc. 15: 327. 1876; Hook. f., Fl. Brit. India 6: 336. 1892.
India (locality?).

Chlorophytum arundinaceum Baker in J. Linn. Soc. 15: 323. 1876; Hook. f., Fl. Brit. India 6: 333. 1892.

Chlorophytum brviscapum sensu Hook. f., l.c. *p.p. non* Dalz., 1850.
Peninsular, E. & N.E. India, C. to E. Himalaya.

Chlorophytum attenuatum Baker in J. Linn. Soc. 15: 332. 1876; Hook. f., Fl. Brit. India 6: 335. 1892.
Peninsular India.

Chlorophytum bharuchae Ansari, Raghavan & Hemadri in Indian Forester 96: 304. 1970.

Peninsular India.

Chlorophytum borivilianum Sant. & Fernandez in J. Bombay nat. Hist. Soc. 52: 898. 1955.

Peninsular India.

Chlorophytum breviscapum Dalz. in Hook., Kew J. Bot. 2: 141. 1850; Hook. f., Fl. Brit. India 6: 333. 1892 *p.p.*

Peninsular India, C. to E. Himalaya.

Chlorophytum glaucoides Blatt. in J. Asiat. Soc. Beng. (N.S.) 26: 361. 1930.

Peninsular India.

Chlorophytum glaucum Dalz. in Hook., Kew J. Bot. 2: 142. 1850; Hook. f., Fl. Brit. India 6: 334. 1892.

Peninsular India.

Chlorophytum heynei Rotl. ex Baker in J. Linn. Soc. 15: 322. 1876.

Chlorophytum heyneanum Wall. ex Hook. f., Fl. Brit. India 6: 333. 1892.

Tamilnadu (Nilgiris).

Chlorophytum khasianum Hook. f., Fl. Brit. India 6: 334. 1892.

Chlorophytum nepalense Baker in J. Linn. Soc. 15: 330. 1876, *p.p.*

C. to E. Himalaya, N.E. India.

Chlorophytum laxum R. Br., Prodr. 277. 1810; Hook. f., Fl. Brit. India 6: 336. 1892.

Chlorophytum parviflorum Dalz. in Hook., Kew J. Bot. 2: 141. 1850.

Phalangium parviflorum (Dalz.) Wight, Ic. t. 2039. 1853.

Peninsular India.

Chlorophytum malabaricum Baker in J. Linn. Soc. 15: 331. 1876; Hook. f., Fl. Brit. India 6: 335. 1892.

Peninsular India.

Chlorophytum nepalense (Lindl.) Baker in J. Linn. Soc. 15: 330. 1876; Majumdar in Rec. Bot. Surv. India 20: 224. 1973.

Phalangium nepalense Lindl. in Trans. Hort. Soc. London 6: 277. 1826.

Chlorophytum undulatum Wall. ex Hook. f., Fl. Brit. India 6: 335. 1892.

Subtropical Himalaya, N.E. India.

Chlorophytum nimmonii (Grah.) Dalz. in Hook., Kew J. Bot. 2: 142. 1850; Dalz. &

Gibs., Bombay Fl. 252. 1861.

Anthericum nimmonii Grah., Cat. Bombay Pl. 220. 1839.

Phalangium oligospermum Wight, Ic. t. 2038. 1853.

Chlorophytum orchidastrum sensu Baker in J. Linn. Soc. 15: 325. 1876 *p.p.* non Lindl. 1824; Hook. f., Fl. Brit. India 6: 336. 1892.

Peninsular India.

Chlorophytum tuberosum (Roxb.) Baker in J. Linn. Soc. 15: 332. 1876; Hook. f., Fl. Brit. India 6: 334. 1892.

Anthericum tuberosum Roxb., Fl. Ind. 2: 149. 1824.

Phalangium tuberosum Wight, Ic. t. 2036. 1853. Throughout plains of India.

CLINTONIA Rafin. in Amer. Month. Mag. Crit. Rev. 2: 266. 1818.

Clintonia udensis Trautv. var. *alpina* (Kunth ex Baker) Hara in J. Jap. Bot. 38: 72. 1963.

Clintonia alpina Kunth ex Baker in J. Linn. Soc. 14: 585. 1875; Hook. f., Fl. Brit. India 6: 361. 1892.

N.E. India, temperate Himalaya.

COLCHICUM L., Sp. Pl. 341. 1753.

Colchicum luteum Baker in Gard. Chron. 33. 1874; Hook. f., Fl. Brit. India 6: 356. 1892. Temperate N.W. Himalaya.

CORDYLINE Comm. ex A.L. Juss., Gen. 41. 1789 (*nom. cons.*).

Cordylne terminalis Kunth, Enum. Pl. 5: 25. 1850; Hook. f., Fl. Brit. India 6: 331. 1892. E. & N.E. India.

DAISWA Rafin., Fl. Tell. 4: 18. 1836.

Dalswa polyphylla (J.E. Sm.) Rafin., Fl. Tell. 4: 18. 1838; Takht. in Brittonia 35: 264. 1983.

Paris polyphylla J.E. Sm. in Rees, Cyclop. 26: no. 2. 1819. Nepal.

- Daiswa yunnanensis* (Franch.) Takht. in Brittonia 35: 257. 1983.
- Pavis yunnanensis* Franch. in Mem. Soc. Philom. Centen. Paris 290. 1888.
E. Himalaya, N.E. India.
- DIANELLA** Lam. *emend* Schlittl., Encycl. 2: 276. 1786.
- Dianella ensifolia* (L.) DC. in Redoute, Lil. 1: t. 1. 1802; Hook. f., Fl. Brit. India 6: 337. 1892.
- Dracaena ensifolia* L., Mant. 1: 63. 1767.
Tropical Himalaya, N.E. India.
- DIPCADY** Medik., Hist. Commen. Acad. Elect. Sci. Theod.-Palat. 6:431. 1790.
- Dipcadi concanense* (Dalz.) Baker in J. Linn. Soc. 11: 399. 1871; Hook. f., Fl. Brit. India 6: 346. 1892.
- Uropetalum concanense* Dalz. in Hook., Kew J. Bot. 2: 143. 1850.
Peninsular India.
- Dipcadi erythraeum* Webb. & Berth., Hist. Nat. Canar. 3: 341. 1848.
- Dipcadi unicolor* Baker in J. Linn. Soc. 11: 397. 1871; Hook. f., Fl. Brit. India 6: 346. 1892.
N.W. India.
- Dipcadi maharashtrensis* Deb & Dasgupta in J. Bombay nat. Hist. Soc. 72: 822. (1975) 1976.
Peninsular India.
- Dipcadi minor* Hook. f., Fl. Brit. India 6: 346. 1892.
Peninsular India.
- Dipcadi montanum* (Dalz.) Baker in J. Linn. Soc. 11: 398. 1871; Hook. f., Fl. Brit. India 6: 346. 1892.
- Uropetalum montanum* Dalz. in Hook., Kew J. Bot. 2: 142. 1850.
- var. *montanum*.
Peninsular India.
- var. *madrasicum* (Barnes & C.E.C. Fischer) Deb & Dasgupta in J. Bombay nat. Hist. Soc. 75: 59. 1978.
- Dipcadi madrasicum* Barnes & C.E.C. Fischer in Kew Bull. 1940: 301. 1941.
S. to C. India.
- Dipcadi reidii* Deb & Dasgupta in J. Bombay nat. Hist. Soc. 75: 69. 1978.
N. W. Himalaya.
- Dipcadi saxorum* Blatt. in J. Bombay nat. Hist. Soc. 32: 736. 1928.
Peninsular India.
- Dipcadi serotinum* (L.) Medik. in Hist. Commen. Acad. Elect. Sci. Theod.-Palat. 6: 431. 1790; Hook. f., Fl. Brit. India 6: 346. 1892.
- Hyacinthus serotinus* L., Sp. Pl. 317. 1753.
- Uropetalum hydudricum* Edgew. in Trans. Linn. Soc. 20: 88. 1846 ("hydudricum").
- Dipcadi hydudricum* (Edgew.) Baker in J. Linn. Soc. 11: 397. 1871; Hook. f., Fl. Brit. India 6: 347. 1892.
Himalaya, N.W. India.
- Dipcadi ursulae* Blatt. in J. Bombay nat. Hist. Soc. 32: 735. 1928.
- var. *ursulae*.
Peninsular India.
- var. *longiracemosa* Deb & Dasgupta in J. Bombay nat. Hist. Soc. 72: 823. (1975) 1976.
Peninsular India.
- DISPORUM** Salisb. ex D. Don, Prodr. Fl. Nepal. 50. 1825.
- Disporum calcareatum* D. Don in Trans. Linn. Soc. 18: 516. 1841; Hook. f., Fl. Brit. India 6: 359. 1892.
Temperate Himalaya, N.E. India.
- Disporum cantoniense* (Lour.) Merr. in Philipp. J. Sci. 15: 229. 1919 & in Trans. Amer. Philos. Soc. Philadelphia (N.S.) 24: 109. 1935.
- Fritillaria cantoniensis* Lour., Fl. Cochinch. 206. 1790.
- Disporum pullum* Salisb. in Trans. Hort. Soc. 1: 330. 1812; Hook. f., Fl. Brit. India 6: 360. 1892.
- var. *cantoniense*.
Temperate Himalaya, E. & N.E. India.
- var. *parviflorum* (Wall.) Hara, Fl. E. Himal. 407. 1966.

Uvularia parviflora Wall. in *Asiat. Res.* 13: 378. 1820.

Himalaya, N.E. India.

Disporum leschenaultianum D. Don in *Trans. Linn. Soc.* 18: 518. 1841; Hook. f., *Fl. Brit. India* 6: 360. 1892.

var. *leschenaultianum*.

S. India.

var. *angustifolium* C.E.C. Fischer in *Gamble, Fl. Pres. Madras* 1522. 1928 (3: 1063. 1967, Repr. ed.).

Tamil Nadu (Nilgiris).

Disporum leucanthum Harz in *J. Jap. Bot.* 47: 114. 1972.

E. Himalaya.

DRIMIA Jacq. ex Willd., *Sp. Pl.* 2: 165. 1799.

Drimia congesta (Wight) Ansari & Raghavan in *J. Bombay nat. Hist. Soc.* 77: 174. 1980.

Urginea congesta Wight, *lc.* t. 2064 (Left hand fig.) 1853; Hook. f., *Fl. Brit. India* 6: 348. 1892.

Peninsular India.

Drimia indica (Roxb.) Jessop in *J.S. Afr. Bot.* 43: 272. 1977.

Scilla indica Roxb., *Fl. Ind.* 2: 147. 1824.

Urginea indica (Roxb.) Kunth, *Enum. Pl.* 4: 333. 1843; Hook. f., *Fl. Brit. India* 6: 347. 1892.

Scilla coromandeliana Roxb., *lc.*

Urginea coromandeliana (Roxb.) Hook. f., *lc.*

Urginea wightiana Hook. f., *lc.*

Urginea govindappae Boraiah & Pathina in *Bull. Bot. Surv. India* 12: 128. 1970.

Throughout Indian plains.

Drimia nagarjunae (Hemadri & Swahari) Anand Kumar in *J. Econ. Tax. Bot.* 5: 962. 1984.

Urginea nagarjunae Hemadri & Swahari in *Ancient Sci. Life* 2: 105. 1982.

S. India.

Drimia polyantha (Blatt & McC.) Ansari & Raghavan in *J. Bombay nat. Hist. Soc.* 77: 174. 1980.

Urginea polyantha Blatt & McC. in *J. Bombay*

nat. Hist. Soc. 32: 735. 1928.

Peninsular India.

Drimia polyphylla (Hook. f.) Ansari & Raghavan in *J. Bombay nat. Hist. Soc.* 77: 174. 1980.

Urginea polyphylla Hook. f., *Fl. Brit. India* 6: 348. 1892.

Peninsular India.

Drimia razii Ansari in *J. Bombay nat. Hist. Soc.* 78: 572, f. 8. 1981.

Peninsular India.

EREMURUS M. Bieb., *Cent. Pl. Rar. Ross.* t. 61. 1810.

Eremurus himalaicus Baker in *J. Linn. Soc.* 15: 283. 1876; Hook. f., *Fl. Brit. India* 6: 332. 1892.

Temperate W. Himalaya.

Eremurus persicus (Jaub. & Spach) Boiss., *Diagn. Pl. Or.* 7: 119. 1846 & *Fl. Orient.* 5: 326. 1882; Hook. f., *Fl. Brit. India* 6: 333. 1892.

Asphodelus persicus Jaub. & Spach, *III. Pl. Or.* t. 102. 1844.

N.W. Himalaya.

FRITILLARIA L., *Sp. Pl.* 303. 1753.

Fritillaria dhutanica Turr. in *Kew Bull.* 1952: 283. 1952.

Bhutan.

Fritillaria cirrhosa D. Don, *Prodr. Fl. Nepal.* 51. 1825; Hook. f., *Fl. Brit. India* 6: 353. 1892.

C. to E. Himalaya.

Fritillaria imperialis L., *Sp. Pl.* 303. 1753; Hook. f., *Fl. Brit. India* 6: 353. 1892.

N.W. Himalaya.

Fritillaria roylei Hook., *lc.* Pl. t. 860. 1852; Hook. f., *Fl. Brit. India* 6: 353. 1892.

Temperate W. Himalaya.

GAGEA Satish. in *Ann. Bot. (Koen. & Sims)* 2: 555. 1806.

Gagea anisanthoe C. Koch in *Linnaea* 22: 230. 1849; Dasgupta & Deb in *J. Bombay nat. Hist. Soc.* 83: 91. 1986.

W. Himalaya.

Gagea bulbifera (Pall.) Salisb. in Ann. Bot. (Koen. & Sims) 2: 557. 1806; Dasgupta & Deb in J. Bombay nat. Hist. Soc. 83: 88. 1986.

Ornithogalum bulbiferum Pall., Reise 2: 736, t. Q, f. 2. 1776.

W. Himalaya.

Gagea kashmirensis Turr. in Kew Bull. 1928: 77. 1928.

Gagea persica var. *kashmirensis* (Turr.) Dasgupta & Deb in J. Bombay nat. Hist. Soc. 83: 87. 1986.

N.W. Himalaya.

Gagea kunawarensis (D. Don) Grnter in Israel J. Bot. 19: 155. 1970; Dasgupta & Deb in J. Bombay nat. Hist. Soc. 83:83. 1986.

Lloydia kunawarensis D. Don in Royle, Ill. Bot. Himal. 388, t. 93, f. 3. 1840.

Gagea dschungorica Regel in Acta Hort. Petrop. 6: 513. 1879; Kachroo *et al.*, Fl. Ladakh 157. 1977.

Gagea gageoides (Zucc.) Vved., Fl. Turkm. 1,2: 261. 1932; Nair, Fl. Bashahr Himal. 286. 1977.

Bulbillaria gageoides Zucc. in Abhandl. Akad. Wiss. Bay 3: 230, t. 2, f. 1. 1843.

Gagea persica Boiss., Diagn. Pl. Or. 1, 7: 108. 1846 & Fl. Orient. 5: 210. 1882; Hook. f., Fl. Brit. India 6: 355. 1892.

W. Himalaya.

Gagea lutea (L.) Ker-Gawl. in Curtis's Bot. Mag. 30: t. 1200. 1809; Hook. f., Fl. Brit. India 6: 355. 1892; Dasgupta & Deb in J. Bombay nat. Hist. Soc. 83: 89. 1986.

Ornithogalum luteum L., Sp. Pl. 306. 1753.

Gagea elegans Wall. ex D. Don in Royle, Ill. Bot. Himal. 388, t. 95, f. 1. 1840.

Gagea indica Pascher in Fedde, Repert. 2: 111. 1906.

Himalaya.

Gagea olgae Regel in Act. Hort. Petrop. 3: 292. 1875; Dasgupta & Deb in J. Bombay nat. Hist. Soc. 83:87. 1986.

Gagea jaeshkei Pascher in Lotos 24: 128. 1904.

W. Himalaya.

Gagea reticulata (Pall.) Schultes f., Syst. Veg.

7: 542. 1829; Hook. f., Fl. Brit. India 6: 356. 1892; Dasgupta & Deb in J. Bombay nat. Hist. Soc. 83: 93. 1986.

Ornithogalum reticulatum Pall., Reise 3: 727, t.d, f. 2. 1776.

Gagea pseudoreticulata Vved. in Fl. Turkm. 1(2): 268. 1932.

W. Himalaya.

Gagea setifolia Baker in J. Linn. Soc. 18: 101. 1880; Dasgupta & Deb in J. Bombay nat. Hist. Soc. 83: 94. 1986.

N.W. Himalaya.

GLORIOSA L., Sp. Pl. 305. 1753.

Gloriosa superba L., Sp. Pl. 305. 1753; Hook. f., Fl. Brit. India 6: 358. 1892.

Throughout India.

GONIOSCYPHA Baker in J. Linn. Soc. 14: 581. 1875.

Gonioscypha eucomoides Baker in J. Linn. Soc. 14: 581, t. 19. 1875; Hook. f., Fl. Brit. India 6: 326. 1892.

Bhutan.

HEMEROCALLIS L., Sp. Pl. 324. 1753.

Hemerocallis fulva L., Sp. Pl. ed. 2. 462. 1762; Hook. f., Fl. Brit. India 6: 326. 1892.

var. *fulva*.

N.E. India, Himalaya.

var. *angustifolia* Baker in J. Linn. Soc. 11: 359. 1871; Hook. f., Fl. Brit. India 6: 327. 1892.

India (locality?).

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Throughout India.

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Peninsular India.

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S. India.

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Peninsular India.

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Peninsular India.

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Peninsular India.

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Nepal.

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N.E. India.

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E. Himalaya.

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N.E. India.

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Himalaya.

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Temperate Himalaya, N.W. India.

Lilium primum Baker in Curtis's Bot. Mag. 118: t. 7227. 1892; Dasgupta & Deb in Candollea 39: 497. 1984.

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var. *primum*.
E. Himalaya.

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Bhutan.

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W. Himalaya.

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Bhutan, Nepal.

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W. Himalaya.

Lilium wallichianum Schultes f. in J.A. & J.H. Schultes, Syst. Fl. 7: 1689. 1830; Hook. f., Fl. Brit. India 6: 349. 1892.

var. *wallichianum*.
Himalaya.

var. *nellgherrense* (Wight) Hara in Bull. Univ. Mus. Tokyo 8: 132. 1973; Dasgupta & Deb in Candollea 39: 492. 1984.

Lilium neilgherrense Wight, Ic. tt. 2031-32. 1853.

Lilium tubiflorum Wight, Ic. tt. 2033-34.
S. India.

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Liriope graminifolia (L.) Baker in J. Linn. Soc. 17: 499. 1879; Chowdhery & Wadhwa, Fl. Himachal Pradesh Anal. 3: 717. 1984.

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W. Himalaya.

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E. Himalaya.

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Himalaya.

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Himalaya.

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Himalaya.

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E. Himalaya.

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Bulbodium serotinum L., Sp. Pl. 294. 1753.

var. *serotina*.

Alpine Himalaya.

var. *parva* (Marq. & Shaw) Hara, Fl. E. Himal. 2: 166. 1977.

Lloydia serotina f. *parva* Marq. & Shaw in J. Linn. Soc. 48: 228. 1929.

Himalaya.

Lloydia tibetica Baker ex Oliv. in Hook., Ic. Pl. 23: t. 2216. 1892; Hara in Ohashi, Fl. E. Him. 3: 133, f. 13. 1975.

C. to E. Himalaya.

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SMILACINA Desf. in Ann. Mus. Natl. Hist. Nat. 9: 51. 1807.

Malanthemum fuscum (Wall.) La Frankie in Taxon 35: 588. 1986.

Smilacina fusca Wall., Pl. As. Rar. 3: 37, t. 257. 1832; Hook. f., Fl. Brit. India 6: 323. 1892.

Tovaria fusca (Wall.) Baker in J. Linn. Soc. 14: 568. 1875.

var. *fuscum*.

f. *fuscum*.

Temperate C. to E. Himalaya, N.E. India.

f. *papillosum* (Hara) Karthik. *comb. nov.*

Smilacina fusca f. *papillosa* Hara, Fl. E. Himal.

413. 1966.

E. Himalaya.

var. *pilosa* (Hara) Karthik. *comb. nov.*

Smilacina fusca var. *pilosa* Hara, Fl. E. Himal. 413. 1966.

C. Himalaya.

Malanthemum oleraceum (Baker) La Frankie in Taxon 35: 589. 1986.

Tovaria oleracea Baker in J. Linn. Soc. 14: 569. 1875.

Smilacina oleracea (Baker) Hook. f. & Thoms. ex Hook. f., Fl. Brit. India 6: 323. 1892.

var. *oleraceum*.

C. to E. Himalaya.

var. *acuminatum* (Wang & Tang) Karthik. *comb. nov.*

Smilacina oleracea var. *acuminata* Wang & Tang in Bull. Fac. Mem. Inst. Biol. Peiping 7: 288. 1937.

Smilacina oleracea f. *acuminata* (Wang & Tang) Hara in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 78. 1978.

Himalaya.

Malanthemum oligophylla (Baker) Karthik. *comb. nov.*

Tovaria oligophylla Baker in J. Linn. Soc. 14: 565. 1875.

Smilacina oligophylla (Baker) Hook. f., Fl. Brit. India 6: 323. 1892.

E. Himalaya.

Malanthemum pallidum (Royle) Karthik. *comb. nov.*

Smilacina pallida Royle, Ill. Bot. Himal. 1: 380. 1839; Hook. f., Fl. Brit. India 6: 323. 1892.

Tovaria pallida (Royle) Baker in J. Linn. Soc. 14: 566. 1875.

Himalaya.

Malanthemum purpureum (Wall.) La Frankie in Taxon 35: 589. 1986.

Smilacina purpurea Wall., Pl. As. Rar. 2: 38, t. 144. 1831.

Smilacina pallida sensu Hook. f., Fl. Brit. India 6: 323. 1892, *p.p.* non Royle, 1839.

Tovaria pallida Baker in J. Linn. Soc. 14: 566.

1875, p.p.
Himalaya.

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in *Taxon* 35: 589. 1986.

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Bhutan.

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N.W. India.

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Milula spicata Prain in *Sci. Mem. Med. Offic. Army Ind.* 9: 57, t. 1. 1895 & in *Ann. Roy. Bot. Gard. Calcutta* 5: 165, t. 200. 1896.
C. Himalaya.

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Nomocharis nana (Klotz.) Wilson, *Lilies E. Asia* 13. 1925.

Lilium nanum Klotz. in *Bot. Ergeb. Weldem. Reise* 53. 1862; Hook. f., *Fl. Brit. India* 6: 352. 1892.

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Nomocharis flavida (Rendle) Balf. f. in *Trans. Bot. Soc. Edinb.* 27: 293. 1918.

Lilium nanum f. *flavidum* (Rendle) Ohashi in Hara, *Fl. E. Himal.* 3: 132. 1975.
Himalaya.

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Fritillaria oxypetala Royle, *Ill. Bot. Himal.* 1:

388. 1840; Hook. f., *Fl. Brit. India* 6: 352. 1892, p.p.

Lilium oxypetalum (Royle) Baker in *J. Linn. Soc.* 14: 234. 1874.
W. to C. Himalaya.

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Fritillaria souliei Franch. in *J. Bot. Paris* 12: 221. 1898.

Lilium souliei (Franch.) Sealy in *Kew Bull.* 1950: 296, f.3. 1950.
E. Himalaya.

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E. Himalaya.

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C. to E. Himalaya.

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Fritillaria macrophylla D. Don, *Prodr. Fl. Nepal* 51. 1825.

Lilium roseum Wall. ex Hook. f., *Fl. Brit. India* 6: 352. 1892, p.p.
E. to C. Himalaya.

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Himalaya.

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Ophiopogon clarkii Hook. f., *Fl. Brit. India* 6: 268. 1892.
E. Himalaya.

- Ophlopogon dracaenoides* (Baker) Hook. f., Fl. Brit. India 6: 268. 1892.
C. to E. Himalaya, N.E. India.
- Fluggea dracaenoides* Baker in Trimen, J. Bot. 174. 1874.
E. Himalaya, N.E. India.
- Ophlopogon griffithii* (Baker) Hook. f., Fl. Brit. India 6: 270. 1892.
- Fluggea griffithii* Baker in J. Linn. Soc. 17: 502. 1879.
N.E. India.
- Ophlopogon intermedius* D. Don, Prodr. Fl. Nepal. 48. 1825; Hook. f., Fl. Brit. India 6: 269. 1892.
- Ophlopogon indicus* Wight, Ic. t. 2050. 1853.
- Mondo intermedius* (D. Don) Bailey in Gent. Herb. 2: 25, f. 12. 1929.
- var. *intermedius*.
S. India, Temperate Himalaya, N.E. India.
- var. *gracilipes* Hook. f., Fl. Brit. India 6: 269. 1892.
India.
- var. *macrantha* Hook. f., Fl. Brit. India 6: 269. 1892.
India.
- var. *occidentalis* Hook. f., Fl. Brit. India 6: 269. 1892.
W. Himalaya, N.E. India.
- var. *pauciflora* Hook. f., Fl. Brit. India 6: 269. 1892.
Peninsular & N.E. India.
- Ophlopogon leptophyllus* Griff., Itin. Notes 62, no. 955. 1848.
N.E. India.
- Ophlopogon micranthus* Hook. f., Fl. Brit. India 6: 269. 1892.
N.E. India.
- Ophlopogon minor* Royle ex Hook. f., Fl. Brit. India 6: 270. 1892.
W. Himalaya.
- Ophlopogon mollis* Royle ex Hook. f., Fl. Brit. India 6: 270. 1892.
N.W. Himalaya.
- Ophlopogon parviflorus* (Hook. f.) Hara in J. Jap. Bot. 40: 21. 1965.
- Ophlopogon intermedius* D. Don var. *parviflora* Hook. f., Fl. Brit. India 6: 269. 1892.
C. to E. Himalaya, N.E. India.
- Ophlopogon reptans* Hook. f., Fl. Brit. India 6: 268. 1892.
N.E. India.
- Ophlopogon wallichianus* (Kunth) Hook. f., Fl. Brit. India 6: 268. 1892.
- Fluggea wallichianus* Kunth, Enum. Pl. 5: 303. 1850.
- var. *wallichianus*.
Temperate & Subtropical Himalaya, N.E. India.
- var. *pauciflora* Hook. f., l.c. 269.
N.E. India.
- PARIS L., Sp. Pl. 367. 1753.
- Paris polyphylla* J.E. Sm. in Rees, Cyclop. 26. Paris 2, 1813.
- ssp. *polyphylla*.
- var. *polyphylla*.
Himalaya.
- var. *appendiculata* Hara, Fl. E. Himal. 410. 1966.
Himalaya.
- var. *brachystemon* Franch. in J. de Bot. 12: 191. 1898; Hara, Fl. E. Himal. 410. 1966.
E. Himalaya.
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- var. *wallichii* Hara in Ohashi, Fl. E. Himal. 3: 134, f. 14b. 1975.
E. Himalaya, N.E. India.
- ssp. *marmorata* (Stearn) Hara in J. Fac. Sci. Univ. Tokyo Bot. 10: 176, t. 2B-C, 6c. 1969.
- Paris marmorata* Stearn in Bull. Brit. Mus. Nat. Hist. 2: 79. 1956.
Bhutan, Nepal.
- PELIOSANTHES Andr. in Bot. Rep. 10: t. 605. 1808.
- Peliosanthes tetra* Andr. in Bot. Rep. 10: t. 605. 1808.

ssp. *teta*.

Teta viridiflora Roxb., Fl. Ind. 2: 165. 1832.
E. Himalaya, N.E. India.

ssp. *humilis* (Andr.) Jessop in Blumea 23:155.
1976.

Peliosanthes humilis Andr. in Bot. Rep. 10: 1.
534. 1808.

Peliosanthes bakeri Hook. f., Fl. Brit. India 6:
267. 1892.

Peliosanthes courtallensis Wight, Ic. L. 2052.
1853.

Peliosanthes griffithii Baker in J. Linn. Soc. 17:
505. 1879; Hook. f., *l.c.* 266.

Peliosanthes macrophylla Wall. ex Baker, *l.c.*

Peliosanthes neilghariensis Wight, *l.c.*
S. India, E. to C. Himalaya.

Peliosanthes violacea Wall. ex Baker in J. Linn.
Soc. 17: 502. 1879; Hook. f., Fl. Brit. India 6:
266. 1892.
N.E. India.

POLYGONATUM Mill., Gard. Dict. Abr. ed. 4,
28. 1754.

Polygonatum brevistylum Baker in J. Linn.
Soc. 14: 556. 1875; Hook. f., Fl. Brit. India 6:
319. 1892.
Himalaya.

Polygonatum cathartii Baker in J. Linn. Soc.
14: 559. 1875; Hook. f., Fl. Brit. India 6: 320.
1892.
C. to E. Himalaya, N.E. India.

Polygonatum cirrhifolium (Wall.) Royle, Ill.
Bot. Himal. 380. 1839; Hook. f., Fl. Brit. India
6: 322. 1892.

Convallaria cirrhifolia Wall. in Asiat. Res. 13:
182. 1820.
Himalaya, N.E. & N.W. India.

Polygonatum curvistylum Hua in Morol, J. de
Bot. 6: 424. 1892.
C. to E. Himalaya.

Polygonatum geminiflorum Decne. in Jacquem.,
Voy. Bot. 170, t. 170. 1844; Hook. f., Fl. Brit.
India 6: 320. 1892.
W. Himalaya.

Polygonatum granulifolium Hook., Ic. Pl. 9, t.
833. 1852; Hook. f., Fl. Brit. India 6: 319.

1892.
W. Himalaya.

Polygonatum griffithii Baker in J. Linn. Soc.
14: 558. 1875; Hook. f., Fl. Brit. India 6: 320.
1892.
E. Himalaya.

Polygonatum hookeri Baker in J. Linn. Soc.
14: 558. 1875; Hook. f., Fl. Brit. India 6: 320.
1892.
Temperate Himalaya.

Polygonatum multiflorum (L.) All., Fl. Pedem.
1: 131. 1785; Hook. f., Fl. Brit. India 6: 319.
1892.

Convallaria multiflora L., Sp. Pl. 315. 1753.
W. temperate Himalaya.

Polygonatum nervulosum Baker in J. Linn.
Soc. 14: 557. 1875; Hook. f., Fl. Brit. India 6:
319. 1892.
E. Himalaya.

Polygonatum oppositifolium (Wall.) Royle, Ill.
Bot. Himal. 1: 380. 1839; Hook. f., Fl. Brit.
India 6: 320. 1892.

Convallaria oppositifolia Wall. in Asiat. Res. 13:
380, f. 1. 1820.

var. *oppositifolium*.
Temperate C. to E. Himalaya, N.E. India.

var. *discolor* Baker in J. Linn. Soc. 14: 559.
1875; Hook. f., *l.c.*
E. Himalaya, N.E. India.

Polygonatum prattii Baker in Hook., Ic. Pl. 23,
t. 2217. 1892; C. Jeffrey in Kew Bull. 34: 461.
1980.
E. Himalaya.

Polygonatum punctatum Royle ex Kunth,
Enum. Pl. 5: 142. 1850; Hook. f., Fl. Brit. India
6: 321. 1892.
Temperate C. to E. Himalaya, N.E. India.

Polygonatum singalense Hara in J. Jap. Bot.
40: 102. 1965.
C. to E. Himalaya.

Polygonatum verticillatum (L.) All., Fl. Pedem.
1: 131. 1785; Hook. f., Fl. Brit. India 6: 321.
1892.

Convallaria verticillata L., Sp. Pl. 315. 1753.

var. *verticillatum*.
Temperate Himalaya, N.E. India.

var. *gracile* Baker ex Aitch. in J. Linn. Soc. 18: 103. 1880; Nair, Fl. Bashahr Himal. 288. 1977.

Temperate W. Himalaya.

Polygonatum wardii Wang & Tang in Bull. Fac. Mem. Inst. Biol. Peiping 7: 284. 1937. N.E. India.

SANSEVIERIA Thunb., Prodr. Fl. Cap. no. 19: 65. 1794 (*nom. cons.*).

Sansevieria cylindrica Boj. in Hort. Maurit. 349. 1839; Prain, Bengal Pl. 2: 1054. 1903 (192. 1963, Repr. ed.). Cultivated.

Sansevieria lanuginosa Willd., Sp. Pl. 2: 160. 1799; M.M. Brown in Kew Bull. 1915: 185. 1915. S. India.

Sansevieria roxburghiana Schult. & Schult. f. in R. & S., Syst. Veg. 7: 357, f. 12 D-E. 1829.

Sansevieria zeylanica Roxb., Pl. Cor. 1: 184. 1804 non Willd. 1799. S. to E. India.

Sansevieria trifasciata Hort. ex Prain, Bengal Pl. 2: 1054. 1903 (192. 1963, Repr. ed.). Cultivated; found as an escape too.

SCILLA L., Sp. Pl. 308. 1753.

Scilla hohenackeri Fisch. & Mey. in Ind. Hort. Petrop. 11: 79. 1838; Hook. f., Fl. Brit. India 6: 349. 1892. N. W. India.

Scilla hyacinthina (Roth) McBride in Contr. Gray Herb. 2, 56: 14. 1918.

Ledbouria hyacinthina Roth, Nov. Pl. Sp. 195. 1821; Wight, Ic. t. 2040. 1853.

Barnardia indica Wight, Ic. t. 2041. 1853.

Scilla indica (Wight) Baker in Saund., Refug. Bot. 3, App. 12. 1870 & J. Linn. Soc. 13: 250. 1872 non Roxb. 1832 which is *Urginea indica* Roxb. Peninsular India.

Scilla viridis Blatt. & Halib. in J. Indian Bot. 2: 52. 1921. Peninsular India.

STREPTOPUS Michx., Fl. Bor. Amer. 1: 200. 1803.

Streptopus parasimplex Hara & Ohashi in J. Jap. Bot. 48: 101, f. 2B. 1973. C. to E. Himalaya.

Streptopus simplex D. Don, Prodr. Fl. Nepal. 48. 1825; Hook. f., Fl. Brit. India 6: 322. 1892. Temperate Himalaya.

THEROPOGON Maxim. in Bull. Acad. Imp. Sci. St. Petersb. 15: 89. 1871.

Theropogon pallidus (Kunth) Maxim. in Bull. Acad. Imp. Sci. St. Petersb. 15: 90. 1871; Hook. f., Fl. Brit. India 6: 324. 1892.

Optiopogon pallidus Kunth, Enum. Pl. 5: 300. 1850. Himalaya, N.E. India.

TOFIELDIA Hudson, Fl. Angl. ed. 2. 157. 1778.

Tofieldia himalaica Baker in J. Linn. Soc. 17: 489. 1879; Hook. f., Fl. Brit. India 6: 358. 1892. C. to E. Himalaya.

Tofieldia yunnanensis Franch. in J. Bot. 244. 1898; Gosh *et al.* in J. Bombay nat. Hist. Soc. 74: 564. (1977) 1978. Bhutan.

TRICYRTIS Wall., Tent. Fl. Nepal. 61. 1826.

Tricyrtis maculata (D. Don) J. F. McBride in Contrib. Gray Herb. N.S. 53: 5. 1918.

Compsa maculata D. Don, Prodr. Fl. Nepal. 51. 1825.

Tricyrtis pilosa Wall., Tent. Fl. Nepal. 61, t. 46. 1826; Hook. f., Fl. Brit. India 6: 359. 1892. Temperate C. to E. Himalaya, N.E. India.

TULIPA L., Sp. Pl. 305. 1753.

Tulipa sitchisonii Hall in J. Bot. London 76: 368. 1938. N.W. Himalaya.

Tulipa chrysantha Boiss. in Kotsch. Pl. Pers. Bor. Exsicc. no. 78. 1846; Hook. f., Fl. Brit. India 6: 355. 1892, p.p.
N.W. Himalaya.

Tulipa clusiana DC. in Red., Liliaceae 1, t. 37. 1803; Dasgupta & Deb in Candollea 40: 163. 1985.

f. *clusiana*.
W. Himalaya.

f. *clusianoides* (Wendelbo) Dasgupta & Deb, l.c. 169.

Tulipa aitchisonii var. *clusianoides* Wendelbo in Kotic & Reching., Symb. Afghan. 4: 162. 1968.
W. Himalaya.

f. *fernandezii* (Blatt.) Dasgupta & Deb, l.c.

Tulipa fernandezii Blatt. in J. Bombay nat. Hist. Soc. 37: 420. 1934.
N.W. Himalaya.

f. *porphyreochrysantha* (Blatt.) Dasgupta & Deb, l.c. 168.

Tulipa porphyreochrysantha Blatt. in J. Bombay nat. Hist. Soc. 37: 421. 1934.

Tulipa chrysantha Baker in J. Linn. Soc. 14: 229. 1874 p.p. excl. type; Hook. f., Fl. Brit. India 6: 355. 1892 p.p. non Boiss. 1846.

Tulipa aitchisonii ssp. *cashmiriana* Hall in J. Bot. London 76: 315. 1938.
W. Himalaya.

f. *stellata* (Hook.) Dasgupta & Deb, l.c. 165.

Tulipa stellata Hook. in Bot. Mag. 64: t. 2762. 1827; Hook. f., Fl. Brit. India 6: 355. 1892.
W. Himalaya.

Tulipa lanata Regel in Acta Hort. Petrop. 8: 647. 1884; Dasgupta & Deb in Candollea 40: 161. 1985.
N.W. Himalaya.

TUPISTRA Ker-Gawl. in Bot. Mag. t. 1655. 1814.

Tupistra clarkii Hook. f., Fl. Brit. India 6: 325. 1892.
E. Himalaya.

Tupistra macrostigma Baker in Bot. Mag. 33: t. 6280. 1877; Hook. f., Fl. Brit. India 6: 325. 1892.

N.E. India.

Tupistra nutans Wall. ex Lindl. in Edw., Bot. Reg. 15: t. 1223. 1829; Hook. f., Fl. Brit. India 6: 324. 1892.

Tupistra squalida sensu Baker in J. Linn. Soc. 14: 580. 1875 p.p. non Ker-Gawl. 1814.
C. to E. Himalaya, N.E. India.

Tupistra veratrifolia Kurz ex Dunn in Kew Bull. 1920: 344. 1920.
N.E. India.

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E. Himalaya, N.E. India.

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C. to E. Himalaya.

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Actoplanes caniniformis (Forst.) K. Schum. in Engl., Pflanzenz. 48: 34. 1902.

Thalia caniniformis Forst., Fl. Ins. Austr. Prodr. 1. 1780.

Maranta grandis Miq., Fl. Ind. Bat. Suppl. 616. 1860.

Clinogyne grandis (Miq.) Bth. in Bth. & Hook. f., Gen. Pl. 3: 651. 1883; Hook. f., Fl. Brit. India 6: 258. 1892.

Andaman & Nicobar Islands.

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Actoplanes grandis Baker in Hook. f., Fl. Brit. India 6: 258. 1892.
Andaman & Nicobar Islands.

MARANTA L., Sp. Pl. 2. 1753.

Maranta arundinacea L., Sp. Pl. 2: 1753; Prain, Bengal Pl. 2: 1048. 1903 (788. 1963, Repr. ed.).
An escape in S. & E. India.

PHACELOPHRYNIUM K. Schum. in Engl., Pflanzenr. 11: 120. 1902.

Phacelophrynum nicobaricum (F. Didrichs.) K. Schum. in Engl., Pflanzenr. 11: 121. 1902.

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Andaman & Nicobar Islands.

PHRYNIUM Willd., Sp. Pl. 1: 1, 17. 1797 (nom. cons.).

Phrynium imbricatum (Dietr.) Roxb., Fl. Ind. 1: 6. 1832.

Maranta imbricata Dietr., Sp. Pl. 1: 30. 1831.
E. India.

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Andaman & Nicobar Islands.

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Throughout India except N.W. India.

Phrynium publoerue Bl., Enum. Pl. Jav. 1: 38. 1827.

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Peninsular & N.E. India; Bhutan.

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N.E. India.

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N.E. India.

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Peninsular India, Andaman & Nicobar Islands.

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Andaman & Nicobar Islands.

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Peninsular India.

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India.

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Musa superba Roxb., Pl. Cor. t. 223. 1811 & Fl. Ind. 1: 667. 1832; Baker in Hook. f., Fl. Brit. India 6: 261. 1892.
W. & E. Ghats.

MUSA L., Sp. Pl. 1043. 1753.

Musa acuminata Colla, Mem. Musa. 66. 1820; Kurz in J. Agri. Hort. Soc. India 14: 297. 1867.

Musa corniculata (Rumph.) Kurz in J. Agri. Hort. Soc. India 14: 166, t. 2-3. 1867 non Lour., 1790; Baker in Hook. f., Fl. Brit. India 6: 263. 1892.

Musa simiarum Kurz in J. Agri. Hort. Soc. India 14: 297. 1867.
Andaman & Nicobar Islands.

Musa assamica Bull. ex Baker in Ann. Bot. 7: 222. 1893 & in Hook. f., Fl. Brit. India 6: 263. 1892.
N.E. India.

Musa aurantiaca Mann ex Baker in Ann. Bot. 7: 222. 1893 & in Hook. f., Fl. Brit. India 6: 263. 1892.
N.E. India.

Musa balbisiana Colla, Mem. Musa. 56. 1820; Cheesm. in Kew Bull. 1947: 14. 1948.

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Cultivated throughout India.

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N.E. India.

Musa coccinea Andr., Rep. L. 47. 1799; K. Schum. in Engl., Pflanzenr. 45: 23. 1900.

Musa wanoscopos Lour., Fl. Cochinch. 645. 1793 non Rumph. 1747; Hook. f., Fl. Brit. India 6: 263. 1892.
Cultivated.

Musa flaviflora Simm. in Kew Bull. 1956: 471. 1957.
N.E. India.

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E. India.

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S. India.

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N.E. India.

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N.E. India.

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W. Ghats, N.E. India.

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N.E. India.

Musa rosacea Jacq., Hort. Schoenb. 4: 22, t. 445. 1804; Baker in Hook. f., Fl. Brit. India 6: 263. 1892.

Musa ornata Roxb., Fl. Ind. 2: 488. 1824.
Peninsular & E. India, E. Himalaya.

Musa sanguinea Hook. f. in Bot. Mag. 98, t. 5795. 1872; Baker in Hook. f., Fl. Brit. India 6: 263. 1892.
N.E. India.

Musa sapidiolaca Jacob, Monogr. Madras Bananas 129. 1952.
S. India.

Musa sikkimensis Kurz in J. Agri. Hort. Soc. India 14: 164. 1867; Baker in Hook. f., Fl. Brit. India 6: 262. 1892.
E. Himalaya.

Musa thomsonii King ex A.M. & J.M. Cowan, Trees. Bengal 135. 1929.
E. India.

Musa velutina Wendl. & Drude in Regel, Gartenfl. 24: 65, t. 823. 1875; Baker in Hook.

f., Fl. Brit. India 6: 263. 1892.

Musa dasycarpa Kurz in J. Agri. Hort. Soc. India 14: 301. 1867; Baker in Hook. f., l.c. N.E. India.

NAJADACEAE

NAJAS L., Sp. Pl. 1015. 1753.

Najas australis Bory ex Cham. in Linnæa 4: 501. 1829; Bhandari, Fl. Indian Desert 359. 1978. N.W. India.

Najas brevistyla Rendle in Trans. Linn. Soc. 2, Bot. 5: 418. 1899. N.E. India.

Najas browniana Rendle in Trans. Linn. Soc. 2, Bot. 5: 420, t. 42, f. 163-167. 1899. India (locality?).

Najas foveolata A. Br. ex Magnus, Beitr. Najas 7. 1870; Prain, Bengal Pl. 2: 1125. 1903 (2: 847. 1963, Repr. ed.).

var. *foveolata*.
C. to E. India.

var. *minor* Rendle in Trans. Linn. Soc. 2, Bot. 5: 417. 1899. S. India.

Najas graminea Del., Descr. Egypt. Hist. Nat. 2: 282, t. 50, f. 3. 1813; Hook. f., Fl. Brit. India 6: 569. 1893.

Najas seminuda Griff. ex Voigt, Hort. Suburb. Calc. 694. 1845. Throughout India.

Najas heteromorpha Griff. ex Voigt, Hort. Suburb. Calc. 694. 1845; Hook. f., Fl. Brit. India 6: 570. 1893. E. India.

Najas indica (Willd.) Cham. in Linnæa 4: 501. 1829.

Caulina indica Willd. in Mem. Ac. R. Sc. Berl. 89, f. 3. 1801.

Najas falciculata A. Br. in J. Bot. 2: 278, f. 4. 1864.

Najas minor sensu Hook. f., Fl. Brit. India 6: 569. 1893 *pro majore parte non* All., 1785.

Najas lacerata Rendle in Trans. Linn. Soc. 2,

Bot. 5: 416, t. 41, f. 132-138. 1899.

Najas tenuis A. Br. ex Magnus, Beitr. 7. 1870 *non Zostera tenuis* Reut., 1854; Hook. f., Fl. Brit. India 6: 570. 1893. Peninsular & E. India, N.W. Himalaya, Andaman & Nicobar Islands.

Najas kingii Rendle in Trans. Linn. Soc. 2, Bot. 5: 415. 1899. Andaman and Nicobar Islands.

Najas kurziana Rendle in Trans. Linn. Soc. 2, Bot. 5: 413, t. 41, f. 116-121. 1899; Prain, Bengal Pl. 2: 1125. 1903 (847. 1963, Repr. ed.). W. & E. India.

Najas malessiana De Wilde in Acta Bot. Neerl. 10: 168. 1961.

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Najas bengalensis Horn. & Rantzien, Ad. int. Act. hort. Gotob. 18: 192, 193. 1950. E. India.

Najas marina L., Sp. Pl. 1015. 1753; Prain, Bengal Pl. 2: 1125. 1903 (847. 1963, Repr. ed.).

Najas major All., Fl. Pedem. 2: 221. 1785; Hook. f., Fl. Brit. India 6: 569. 1893.

var. *marina*.
Throughout India.

var. *angustifolia* A. Br. in J. Bot. 2: 275. 1864. N.W. India.

var. *intermedia* A. Br. in J. Bot. 2: 276. 1864. N.W. India.

Najas minor All., Auct. Syn. Meth. Stirp. Hort. Taurin. 3. 1773; Hook. f., Fl. Brit. India 6: 569. 1893 *pp.*

var. *minor*.
Throughout India.

var. *spinosa* Rendle in Trans. Linn. Soc. 2, Bot. 5: 413. 1899. Peninsular India.

Najas rigida Griff., Notul. 3: 181. 1851; Hook. f., Fl. Brit. India 6: 570. 1893. E. India.

Najas welwitschii Rendle in Cat. Afr. Pl. Welwitsch. 2: 95. 1899; Blatt. & Hallb., Fl. Indian Desert 26(4) : 974. 1920. N.W. India.

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Acampe carinata (Griff.) Panigr. in Taxon 34: 689. 1985.

Saccolabium carinatum Griff., Notul. 3: 354. 1851.
India.

Acampe multiflora (Lindl.) Lindl., Fol. Orchid. Acampe 1. 1853; P.F. Hunt in Kew Bull. 24: 98. 1970.

Vanda multiflora Lindl., Coll. Bot. t. 38. 1825.

Saccolabium longifolium Hook. f., Fl. Brit. India 6: 62. 1890 p.p.
N.E. India, C. Himalaya.

Acampe ochracea (Lindl.) Hochr. in Bull. New York Bot. Gard. 6: 270. 1910.

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Peninsular & N.E. India, E. Himalaya.

Acampe papillosa (Lindl.) Lindl., Fol. Orchid. 2. 1853.

Saccolabium papillosum Lindl. in Bot. Reg. t. 1552. 1841; Hook. f., Fl. Brit. India 6: 63. 1890.

Gastrochilus papillosus (Lindl.) O. Ktze., Rev. Gen. Pl. 2: 661. 1891.
N.E. India, Himalaya.

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Epidendrum praemorsum Roxb., Pl. Cor. 1: 34, t. 43. 1795.

Vanda wightiana Lindl. ex Wight, Ic. t. 1670. 1851.

Acampe wightiana Lindl., Fol. Orchid. 2. 1853.

Saccolabium praemorsum (Roxb.) Hook. f., Fl. Brit. India 6: 62. 1890.

Saccolabium wightianum (Lindl.) Hook. f., l.c.
Peninsular & E. India, C. Himalaya.

Acampe rigida (Buch.-Ham. ex J.E. Sm.) P.F. Hunt in Kew Bull. 24: 98. 1970.

Aerides rigida Buch.-Ham. ex J.E. Sm. in Rees, Cyclop. 39, *Aerides* n. 12. 1819; Hook. f.,

Fl. Brit. India 6: 48. 1890.

Vanda longifolia Lindl., Gen. Sp. Orchid. 215. 1833.

Acampe longifolia (Lindl.) Lindl., Fol. Orchid., Acampe 1. 1853.

Saccolabium longifolium (Lindl.) Hook. f., l.c. 62, p.p.
Peninsular & N.E. India, E. to C. Himalaya.

ACANTHOPHIPPIUM Bl., Bijdr. 6: t. 5; 7: 353. 1825.

Acanthophippium bicolor Lindl. in Bot. Reg. t. 1730. 1835; Hook. f., Fl. Brit. India 5: 815. 1890; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1426. 1928 (3:997.1967, Repr. ed).
Peninsular India.

Acanthophippium striatum Lindl. in Bot. Reg. 45. 1838; Hook. f., Fl. Brit. India 5: 816. 1890.
E. Himalaya, N.E. India.

Acanthophippium sylhetense Lindl., Gen. Sp. Orchid. 117. 1833; Hook. f., Fl. Brit. India 5: 815. 1890.
E. Himalaya, E. & N.E. India.

ACRJOPSIS Bl., Bijdr. 6: t. 2; 8: 376. 1825.

Acrlopsis harae Tuyama in J. Jap. Bot. 39: 129. 1964.
E. Himalaya.

Acrlopsis indica Wight, Ic. t. 1748. 1852; Hook. f., Fl. Brit. India 6: 79. 1890; C.L. Malhotra & Deori in Bull. Bot. Surv. India 15: 153. (1973) 1976.
N. E. India.

ACROCHAENE Lindl., Fol. Orchid. 2. 1853.

Acrochaene punctata Lindl., Fol. Orchid. 1. 1853; Hook. f., Fl. Brit. India 5: 783. 1890.
Tropical E. Himalaya.

AERIDES Lour., Fl. Cochinch. 525. 1790.

Aerides crispum Lindl., Gen. Sp. Orchid. 239. 1833; Hook. f., Fl. Brit. India 6: 45. 1890.

Aerides lindleyana Wight, Ic. t. 1677. 1851.
Peninsular India & E. India.

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- Micropera viridiflora* Dalz. in Hook., J. Bot. 3: 282. 1851.
- Saccolabium viridiflorum* (Dalz.) Lindl. in J. Lign. Soc. 3: 36. 1858; Hook. f., Fl. Brit. India 6: 63. 1890.
- Gastrochilus viridiflorus* (Dalz.) O. Ktze., Rev. Gen. Pl. 2: 661. 1891; Bennet in J. Bombay nat. Hist. Soc. 67: 359. 1970.
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- Gastrochilus dalzellianus* (Sant.) Sant. & Kap. in J. Bombay nat. Hist. Soc. 59: 842, t. 52 a. 1963.
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Peninsular India.
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Andaman Islands.
- Aerides falcata* Lindl. in Paxt., Fl. Gard. 2: 142. 1852; Hook. f., Fl. Brit. India 6: 46. 1890.
N.E. India.
- Aerides fieldingii* B.S. Williams, Orch. Grow. Man. ed. 2. 39. 1862; Hook. f., Fl. Brit. India 6: 45. 1890.
E. Himalaya, N.E. India.
- Aerides greenii* W.W. Sm. in Rec. Bot. Surv. India 4: 271. 1911;
E. Himalaya.
- Aerides maculosum* Lindl. in Bot. Reg. t. 58. 1845; Hook. f., Fl. Brit. India 6: 45. 1890.
- Saccolabium speciosum* Wight, Ic. t. 1675-76. 1851.
Peninsular, C., N. W. & E. India.
- Aerides multiflorum* Roxb., Pl. Cor. 3: 68, t. 271. 1820; Hook. f., Fl. Brit. India 6: 44. 1890.
Throughout India except N.W. India; C. Himalaya.
- Aerides odoratum* Lour., Fl. Cochinch. 2: 525. 1790; Hook. f., Fl. Brit. India 6: 47. 1890.
S. India, Tropical Himalaya.
- Aerides ringens* (Lindl.) C.E.C. Fischer in Bull. Misc. Inf. Kew 1928: 284. 1928.
- Saccolabium ringens* Lindl., Gen. Sp. Orchid. 221. 1833.
- Aerides radicosum* A. Rich. in Ann. Sci. Nat. 15: 65, t. i.c. 1841; Hook. f., Fl. Brit. India 6: 46. 1890.
- Aerides lineare* Hook. f., l.c. 47.
Peninsular & E. India, Andaman Islands.
- AGROSTOPHYLLUM** Bl., Bijdr. 6: t. 3; 8: 368. 1825.
- Agrostophyllum brevipes* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 156, t. 213. 1898.
E. Himalaya.
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N.E. India, C. to E. Himalaya.
- Agrostophyllum khasianum* Griff. in Calc. J. Nat. Hist. 4: 378, t. 19. 1844; Hook. f., Fl. Brit. India 5: 824. 1890.
N.E. India, E. to C. Himalaya, Andaman Islands.
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E. Himalaya.
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E. Himalaya.
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- Androcorys gracilis* (King & Pantl.) Schltr. in Notizblatt. 68: 53. 1920.
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E. Himalaya.

ANOECTOCHILUS Bl., Fl. Jav. Praef. vi in adnot. 1828 (nom. & orth. cons.).

Anoectochilus abbreviatus (Lindl.) Karthik. *comb. nov.*

Elaeria abbreviata Lindl., Gen. Sp. Orchid. 491. 1840.

Zeuxine abbreviata (Lindl.) Hook. f., Fl. Brit. India 6: 109. 1890 *p.p.*

Odontochilus abbreviatus (Lindl.) Tang & Wang in Acta Phytotax. Sin. 1: 70. 1951.
N.E. India, C. Himalaya.

Anoectochilus brevibris Lindl., Gen. Sp. Orchid. 499. 1840; Hook. f., Fl. Brit. India 6: 95. 1890.
N.E. India, E. Himalaya.

Anoectochilus clarkel (Hook. f.) Seid. & Smit., Orchid. Thailand 1: 88. 1959 (*excl. Thai pl.*).

Odontochilus clarkel Hook. f., Fl. Brit. India 6: 100. 1890.
E. Himalaya.

Anoectochilus crispus Lindl. in J. Linn. Soc. 1: 180. 1857.

Odontochilus crispus (Lindl.) Hook. f., Fl. Brit. India 6: 99. 1890.
N.E. India, C. to E. Himalaya.

Anoectochilus eaiatus Lindl. in J. Linn. Soc. 1: 178. 1857 (*'elator'*); Hook. f., Fl. Brit. India 6: 95. 1890.
Peninsular India.

Anoectochilus etwesi (C.B.Cl. ex Hook. f.) King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 296, Pl. 394. 1898.

Odontochilus ehvesii C.B.Cl. ex Hook. f., Fl. Brit. India 6: 100. 1890.
E. & N.E. India, E. Himalaya.

Anoectochilus grandiflorus Lindl. in J. Linn. Soc. 1: 179. 1857.

Odontochilus grandiflorus (Lindl.) Bth. in Gen. Pl. 3: 598. 1883; Hook. f., Fl. Brit. India 6: 100. 1890.
N.E. India, E. Himalaya.

Anoectochilus lanceolatus Lindl., Gen. Sp. Orchid. 499. 1840.

Odontochilus lanceolatus (Lindl.) Bl., Orchid. Arch. Ind. 81. 1858; Hook. f., Fl. Brit. India 6: 101. 1890.

N.E. India, E. to C. Himalaya.

Anoectochilus tuteus Lindl. in J. Linn. Soc. 1: 179. 1857; Balakr., Fl. Jowai 2: 469. 1983.

Anoectochilus griffithii Hook. f., Fl. Brit. India 6: 96. 1890.
N.E. India, E. Himalaya.

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Nicobar Islands.

Anoectochilus pomranglanus Seid. in Dansk. Bot. Ark. 32(2): 41. 1978.

Zeuxine abbreviata Hook. f., Fl. Brit. India 6: 109. 1890, *p.p.*
N.E. India.

Anoectochilus rotundifolius (Blatt.) Balakr. in J. Bombay nat. Hist. Soc. 63: 530. (1966) 1967.

Odontochilus rotundifolius Blatt. in J. Bombay nat. Hist. Soc. 32: 521. 1928.
Peninsular India.

Anoectochilus roxburghii (Wall.) Lindl. in Royle, Ill. Bot. Himal. 368. 1839 & Gen. Sp. Orchid. 499. 1840; Hook. f., Fl. Brit. India 6: 95. 1890.

Chrysobaphus roxburghii Wall., Tent. Fl. Nepal. 37, t. 27. 1826.
Tropical Himalaya, E. & N.E. India.

Anoectochilus sikkimensis King & Pantl. in J. Asiat. Soc. Beng. 65: 124. 1896.
N.E. India, E. Himalaya.

Anoectochilus tetrapterus Hook. f., Fl. Brit. India 6: 96. 1890.
N.E. India.

Anoectochilus tortus (King & Pantl.) King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 298. 1898.

Odontochilus tortus King & Pantl. in J. Asiat. Soc. Beng. 65: 125. 1896.
Bhutan.

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Anthogonium gracile Wall. ex Lindl., Gen. Sp. Orchid. 426. 1840; Hook. f., Fl. Brit. India 5: 822. 1890.

Temperate E. & C. Himalaya, N.E. India.

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Aorchis roborovskii (Maxim.) Seid. in Nord. J. Bot. 2: 9. 1982.

Orchis roborovskii Maxim. in Mel. Biol. 12: 547. 1886 & in Bull. Acad. Petersb. 31: 104. 1887.

Orchis stracheyi Hook. f., Fl. Brit. India 6: 128. 1890.

Galearis stracheyi (Hook. f.) P.F. Hunt in Kew Bull. 26: 172. 1971.
Himalaya.

Aorchis spathulata (Lindl.) Vermeulen in Jahr. Nat. Ver. Wupper. 25: 32. 1972.

Gymnadenia spathulata Lindl., Gen. Sp. Orchid. 280. 1835.

Orchis spathulata (Lindl.) Reichb. f. ex Bth. in J. Linn. Soc. 18: 355. 1880; Hook. f., Fl. Brit. India 6: 127. 1890.

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Himalaya.

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E. Himalaya.

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W. Himalaya.

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S. India, E. Himalaya.

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E. Himalaya.

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Himalaya.

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N.E. India.

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N.E. India.

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N.E. India.

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E. to C. Himalaya, N.E. India.

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N.E. India.

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C. to E. Himalaya.

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W. Himalaya.

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Peninsular India, Tropical Himalaya.

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Tropical C. to E. Himalaya, Andaman Islands.

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E. Himalaya.

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N.E. India.

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Himalaya, N.E. India.

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N.E. India.

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Platanthera lantha Wight, Ic. t. 1692.1852.

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l.c.

Peninsular India.

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Don) Summerh. in Kew Bull. 1955: 24. 1955.

Orchis obcordata Buch.-Ham. ex D. Don,
Prodr. Fl. Nepal. 230. 1825.

Platanthera obcordata (Buch.-Ham. ex D. Don)
Lindl., Gen. Sp. Orchid. 290. 1835.

Habenaria galeandra sensu Hook. f., Fl. Brit.
India 6: 163. 1890 non (Reichb. f.) Bth., 1863.

Habenaria obcordata Fyson, Fl. Nilg. Putney
Hill tops 405. 1915.
N.E. to S. India, Himalaya.

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Bull. 1955: 240. 1955.

Habenaria iantha sensu Hook. f., Fl. Brit. India
6: 164. 1890 (*descr. tantum partim excl. syn.*)
non (Wight) Bth., 1883.
Peninsular India.

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1955: 242. 1955.

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6: 164. 1890 (*quoad descr. partim excl. syn.*)
non (Wight) Bth., 1883.
Peninsular India.

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Cirrhopetalum acutiflorum (A. Rich.) Hook. f.,
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S. India.

Bulbophyllum affine Lindl., Gen. Sp. Orchid.
48. 1830; Hook. f., Fl. Brit. India 5: 756. 1890.
E. to C. Himalaya, E. & N.E. India.

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Brit. India 5: 757. 1890.

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S. India.

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1967.

Cirrhopetalum amplifolium Rolfe in Notes R. B.
G. Edinb. 8: 20, t. 10. 1913.
E. Himalaya.

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Cirrhopetalum andersonii Hook. f., Fl. Brit.
India 5: 777. 1890.
E. Himalaya, N.E. India.

Bulbophyllum aureum (Hook. f.) J.J.Sm. in
Bull. Jard. Bot. Buitenz. 2, 8: 22. 1912.

Cirrhopetalum aureum Hook. f., Fl. Brit. India
5: 777. 1890.
S. India.

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1890.
E. Himalaya, N.E. India.

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55: 278. 1872.

Cirrhopetalum blepharistes (Reichb. f.) Hook. f.,
Fl. Brit. India 5: 779. 1890.

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Batav. natur. Tijdsch. 24. 1862; Hook. f., l.c. 6:
189. 1890.
N.E. India.

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Reichb. f. in Trans. Linn. Soc. 30: 153, t. 32, f.
2. 1874; Hegde & A. N. Rao in J. Econ. Tax.
Bot. 4: 364. 1983.

Cirrhopetalum bootanense Griff., Notul. 3: 297.
1851 & l.c. t. 299. 1851; Hook. f., Fl. Brit.
India 5: 775. 1890.
E. Himalaya, N.E. India.

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Trans. Linn. Soc. 30: 150, t. 32 a. 1874; Hook.
f., Fl. Brit. India 5: 755. 1890.
E. Himalaya, N.E. India.

Bulbophyllum careyanum (Hook.) Spr., Syst.
Veg. 3: 732. 1826; Hook. f., Fl. Brit. India 5:
760. 1890.

Anisopetalon careyanum Hook., Fl. Exot. 2: t.
149. 1825.
N.E. India, Tropical Himalaya.

Bulbophyllum cariniflorum Reichb. f. in Walp., Ann. 6: 253. 1861.

Bulbophyllum bisetum sensu Hook. f., Fl. Brit. India 5: 767. 1890 *p.p. non* Lindl. 1842.

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Peninsular & N.E. India, Himalaya.

Bulbophyllum caudatum Lindl., Gen. Sp. Orchid. 56. 1830; Hook. f., Fl. Brit. India 5: 759. 1890.
C. to E. Himalaya.

Bulbophyllum cauliflorum Hook. f. in Hook. Ic. Pl. t. 2036. 1890 & Fl. Brit. India 5: 758. 1890.
E. to C. Himalaya.

Bulbophyllum clarkeanum King & Pantl. in J. Asiat. Soc. Beng. 64: 333. 1895.
E. Himalaya.

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E. Himalaya, N.E. India.

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E. Himalaya.

Bulbophyllum crassipes Hook. f., Fl. Brit. India 5: 760. 1890.
E. Himalaya, N.E. India.

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N.E. India, E. to C. Himalaya.

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Bulbophyllum mannii Reichb. f. in Flora 275, 1872; Hook. f., Fl. Brit. India 5: 780. 1890.

Cirrhopetalum setiferum Rolfe in Kew Bull. 1895: 35. 1895.
E. Himalaya, N.E. India.

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Bulbophyllum uniflorum Griff., Notul. 3: 293 & Ic. 3, t. 295. 1851 *non* Hassk. 1844; Hook. f., Fl. Brit. India 5: 755. 1890.

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E. Himalaya.

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E. Himalaya.

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N.E. India.

Bulbophyllum elatum (Hook. f.) J.J. Sm. in Bull. Jard. Bot. Buitenz. 3, 8: 23. 1912.

Cirrhopetalum elatum Hook. f., Fl. Brit. India 5: 775. 1890.
N.E. India, E. to C. Himalaya.

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Cirrhopetalum elegantulum Rolfe in Gard. Chron. 3, 3: 552. 1891.
S. India.

Bulbophyllum eublepharum Reichb. f. in Walp., Ann. 6: 252. 1861; Hook. f., Fl. Brit. India 5: 764. 1890.
E. Himalaya.

Bulbophyllum fimbriatum (Lindl.) Reichb. f. in Walp., Ann. 6: 260. 1861.

Cirrhopetalum fimbriatum Lindl. in Bot. Reg. Misc. 72. 1839; Hook. f., Fl. Brit. India 5: 774. 1890.
Peninsular India.

Bulbophyllum fischeri Seid. in Dansk. Bot. Ark. 29: 202. 1973.

Cirrhopetalum wightii Thw., Enum. Pl. Zeyl. 229. 1861 *non* *Bulbophyllum wightii* Reichb. f., 1861.

Cirrhopetalum gamblei Hook. f., Fl. Brit. India 5: 778. 1890 *non* *Bulbophyllum gamblei* Hook. f. 1890.

Cirrhopetalum thomsoni Hook. f., *l.c.* *non* *Bulbophyllum thomsoni* Hook. f., 1890.
S. India.

Bulbophyllum fusco-purpureum Wight, Ic. t. 1651. 1851; Hook. f., Fl. Brit. India 5: 760. 1890.
S. India.

Bulbophyllum gamblei (Hook. f.) Hook. f. in Hook., Ic. Pl. 3: t. 2039b. 1890 & Fl. Brit. India 6: 188. 1890.

Bulbophyllum leptanthum Hook. f. var. *gamblei* Hook. f., *l.c.* 5: 759.
E. Himalaya.

- Bulbophyllum griffithii* (Lindl.) Reichb. f. in Walp., Ann. 6: 247. 1861; Hook. f., Fl. Brit. India 5: 756. 1890.
- Sarcopodium griffithii* Lindl., Fol. Orchid. 6. 1855.
E. Himalaya, N.E. India.
- Bulbophyllum guttulatum* Wall. ex Hook. f., Fl. Brit. India 5: 776. 1890.
- Cirrhopetalum guttulatum* Hook. f., l.c.
- Bulbophyllum umbellatum* Lindl. in Edw., Bot. Reg. 30: t. 44. 1844 non Lindl. 1830.
Himalaya, N.E. India.
- Bulbophyllum gymnopus* Hook. f. in Hook., l.c. Pl. 3: t. 2040. 1890 & Fl. Brit. India 5: 764. 1890.
E. Himalaya, N.E. India.
- Bulbophyllum helenae* (O. Ktze.) J.J.Sm. in Bull. Bot. Gard. Buitenz. 2, 8: 24. 1912.
- Phyllorchis helenae* O.Ktze., Rev. Gen. Pl. 2: 676. 1891.
- Cirrhopetalum cornutum* Lindl. in Edw., Bot. Reg. 24: Misc. 75. 1838; Hook. f., Fl. Brit. India 5: 774. 1890.
C. to E. Himalaya, N.E. India.
- Bulbophyllum hirtum* (J.E.Sm.) Lindl., Gen. Sp. Orchid. 51. 1830; Hook. f., Fl. Brit. India 5: 762. 1890.
- Stelis hirta* J.E.Sm. in Rees, Cyclop. 34. 1816.
C. to E. Himalaya, N.E. India.
- Bulbophyllum hookeri* (Duthie) J.J.Sm. in Bull. Jard. Bot. Buitenz. 2, 8: 25. 1912.
- Cirrhopetalum hookeri* Duthie in J. Asiat. Soc. Beng. 71: 36. 1902.
Himalaya, N.E. India.
- Bulbophyllum hymenanthum* Hook. f. in Hook., l.c. Pl. 3:t. 2046. 1890 & Fl. Brit. India 5: 767. 1890.
E. Himalaya, N.E. India.
- Bulbophyllum iners* Reichb. f. in Gard. Chron. 1: 776. 1880; Hook. f., Fl. Brit. India 5: 771. 1890.
N.E. India.
- Bulbophyllum kaltense* Reichb. f. in Walp., Ann. 6: 262. 1861.
- Cirrhopetalum nilgherrense* Wight, l.c. t. 1654. 1851; Hook. f., Fl. Brit. India 5: 778. 1890.
- S. India.
- Bulbophyllum khasianum* Griff., Notul. 3: 284. 1851.
- Bulbophyllum conchiferum* Reichb. f. in Walp., Ann. 6: 253. 1861; Hook. f., Fl. Brit. India 5: 766. 1890.
- Bulbophyllum cylindraceum* var. *khasiana* (Griff.) Hook. f., l.c. 765.
E. Himalaya, N.E. India.
- Bulbophyllum kingii* Hook. f., Fl. Brit. India 5: 760. 1890.
E. Himalaya.
- Bulbophyllum leopardinum* (Wall.) Lindl., Gen. Sp. Orchid. 48. 1830; Hook. f., Fl. Brit. India 5: 756. 1890.
- Dendrobium leopardinum* Wall., Tent. Fl. Nepal. 39: t. 28. 1826.
- var. *leopardinum*.
Himalaya, N.E. India.
- var. *tuberculatum* Balakr. & Chowdhury in Bull. Bot. Surv. India 9: 90. 1967.
N.E. India; Bhutan.
- Bulbophyllum lepidum* (Bl.) J.J.Sm. in Pl. Buitenz. 6: 471, f. 361. 1905.
- Ephippium lepidum* Bl., Bijdr. 310. 1825.
- Cirrhopetalum gamosepalum* Griff., Notul. 3: 296. 1851; Hook. f., Fl. Brit. India 5: 774. 1890.
Andaman Islands.
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E. Himalaya, N.E. India.
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Andaman Islands.
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N.E. India; Bhutan.
- Bulbophyllum lobblii* Lindl. in Bot. Reg. t. 29. 1847; Hook. f., Fl. Brit. India 5: 755. 1890.
N.E. India.
- Bulbophyllum macranthum* Lindl., Bot. Reg. 30: t. 113. 1844; Hook. f., Fl. Brit. India 5: 753.

1890; Sanjappa & U. Chatterjee in J. Econ. Tax. Bot. 7: 457. 1985.
 Gt. Nicobar Islands.

Bulbophyllum moniliforme Par. & Reichb. f. in Trans. Linn. Soc. 30: 151. 1874; Deori & C.L. Malhotra in Indian Forester 103: 680, f. 8. 1977.
 N.E. India.

Bulbophyllum mysorensense (Rolfe) J.J.Sm. in Bull. Jard. Bot. Buitenz. 2, 8: 26. 1912.

Cirrhopetalum mysorensense Rolfe in Kew Bull. 1895: 39. 1895.
 S. India.

Bulbophyllum neilgherrense Wight, Ic. t. 1650. 1851; Hook. f., Fl. Brit. India 5: 761. 1890.
 S. India, N.W. Himalaya.

Bulbophyllum nodosum (Rolfe) J.J.Sm. in Bull. Jard. Bot. Buitenz. 2, 8: 23. 1912.

Cirrhopetalum nodosum Rolfe in Kew Bull. 1895: 35. 1895.
 S. India.

Bulbophyllum orientanum Rolfe in Gard. Chron. 2: 332. 1892; Hegde & A.N. Rao in Ind. J. For. 5: 311. 1982.
 E. Himalaya.

Bulbophyllum odoratissimum (J.E.Sm.) Lindl., Gen. Sp. Orchid. 55. 1830; Hook. f., Fl. Brit. India 5: 758. 1890.

Stelis odoratissima J.E.Sm. in Rees, Cyclop. 34: Stelis no. 12. 1816.

var. *odoratissimum*.
 C. to E. Himalaya, E. India.

var. *racemosum* Balakr. in J. Bombay nat. Hist. Soc. 75: 157, f. 1. 1978.
 E. Himalaya.

Bulbophyllum ornatissimum (Reichb. f.) J.J.Sm. in Bull. Jard. Bot. Buitenz. 2, 8: 26. 1912.

Cirrhopetalum ornatissimum Reichb. f. in Gard. Chron. 2: 424. 1882; Hook. f., Fl. Brit. India 5: 773. 1890.
 E. Himalaya, N.E. India.

Bulbophyllum otoglossum Tuyama in Hara, Fl. E. Himal. 2: 177, t. 16. 1971.
 E. to C. Himalaya.

Bulbophyllum panigrahanum S. Misra in Nord. J. Bot. 6: 25, f. 1. 1986.
 Orissa.

Bulbophyllum parryae Summerh. ex Parry, The Lakhers 605. 1932.
 N.E. India.

Bulbophyllum pectinatum Finet in Bull. Soc. Bot. Fr. 44: 268, Pl. 7. 1897.

Bulbophyllum spectabile Rolfe in Kew Bull. 1898: 193. 1898.
 N.E. India.

Bulbophyllum penicillium Par. & Reichb. f. in Trans. Linn. Soc. 30: 151. 1874; Katakai & Panigr. in Bull. Bot. Surv. India 5: 243. 1963.
 N.E. India, E. Himalaya.

Bulbophyllum picturatum (Lodd.) Reichb. f. in Walp., Ann. 6: 262. 1861.

Cirrhopetalum picturatum Lodd. in Bot. Reg. Misc. 49. 1840; Hook. f., Fl. Brit. India 5: 775. 1890.
 N.E. India.

Bulbophyllum piluliferum King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 76, t. 104. 1898.
 E. Himalaya.

Bulbophyllum polyrhizum Lindl., Gen. Sp. Orchid. 53. 1830; Hook. f., Fl. Brit. India 5: 767. 1890.
 Himalaya, N.E. India.

Bulbophyllum protractum Hook. f., Fl. Brit. India 5: 758. 1890.
 E. Himalaya, Andaman Islands.

Bulbophyllum proudlockii (King & Pantl.) J.J.Sm. in Bull. Jard. Bot. Buitenz. 2, 8: 27. 1912.

Cirrhopetalum proudlockii King & Pantl. in J. Asiat. Soc. Beng. 66: 588. 1897.
 S. India.

Bulbophyllum putidum (Teijsm. & Binn.) J.J.Sm. in Bull. Jard. Bot. Buitenz. 2, 8: 27. 1912.

Cirrhopetalum putidum Teijsm. & Binn. in Tijdschr. Nederl. Ind. 24: 311. 1862.

Cirrhopetalum appendiculatum Rolfe in Kew Bull. 1901: 148. 1901.
 E. Himalaya.

Bulbophyllum rausi C.M. Arora in Bull. Bot. Surv. India 11: 440. (1969) 1971.
 W. Himalaya.

Bulbophyllum repens Griff., Notul. 3: 293.

1851; Hook. f., Fl. Brit. India 5: 765. 1890.
N.E. India.

Bulbophyllum reptans (Lindl.) Lindl., Gen. Sp. Orchid. 51. 1830; Hook. f., Fl. Brit. India 5: 768. 1890.

Tribrachia reptans Lindl., Coll. Bot. t. 41, a. 1825.

var. *reptans*.
Subtropical & temperate Himalaya, N.E. India.

var. *acuta* Malhotra & Balodi in Bull. Bot. Surv. India 26: 110, f. 5. (1984) 1985.
W. Himalaya.

var. *subracemosa* Hook. f., Fl. Brit. India 5: 769. 1890.
Himalaya, N.E. India.

Bulbophyllum retusuluculum Reichb.f. in Gard. Chron. 1182. 1869.

Cirrhopetalum wallichii Lindl., Gen. Sp. Orchid. 59. 1830; Hook. f., Fl. Brit. India 5: 776. 1890.
C. to E. Himalaya, N.E. India.

Bulbophyllum rigidum King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 69, t. 94. 1898.
E. Himalaya.

Bulbophyllum rolfei (O.Ktze.) Seid. in Dansk. Bot. Ark. 33: 149. 1979.

Phyllorchis rolfei O. Ktze., Rev. Gen. Pl. 677. 1891.

Cirrhopetalum parvulum Hook. f., Fl. Brit. India 5: 778. 1890 & in Hook., Ic. Pl. t. 2060 A. 1891
non *Bulbophyllum parvulum* J.J. Sm. auct. non Lindl. 1912.

Cirrhopetalum dyerianum King & Pantl. in J. Asiat. Soc. Beng. 64: 35. 1895.

Bulbophyllum dyerianum (King & Pantl.) Seid. in Dansk. Bot. Ark. 29: 175, t. 88. 1975.
Himalaya, N.E. India.

Bulbophyllum rotschildianum (O'Brien) J.J.Sm. in Bull. Jard. Bot. Buitenz. 2, 8: 27. 1912.

Cirrhopetalum rotschildianum O'Brien in Gard. Chron. 2: 608. 1895.
E. Himalaya.

Bulbophyllum roxburghii (Lindl.) Reichb.f. in Walp., Ann. 6: 263. 1861.

Cirrhopetalum roxburghii Lindl., Gen. Sp. Orchid. 58. 1830.

E. India.

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E. Himalaya, N.E. India.

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Cirrhopetalum caespitosum Wall. ex Lindl. in Edw., Bot. Reg. 24: Misc. 35. 1838; Hook. f., Fl. Brit. India 5: 775. 1890.

Bulbophyllum confertum Hook. f., l.c. 757.
C. to E. Himalaya, N.E. India.

Bulbophyllum secundum Hook. f., Fl. Brit. India 5: 764. 1890.
C. to E. Himalaya, N.E. India.

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Epidendrum sessile Koen. in Retz., Obs. Bot. 6: 60. 1791.

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Andaman Islands.

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Cirrhopetalum sikkimensis King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 90, t. 125. 1898.
E. Himalaya.

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E. Himalaya.

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C. to E. Himalaya, N.E. India.

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E. Himalaya.

Bulbophyllum tremulum Wight, Ic. t. 1749. 1851; Hook. f., Fl. Brit. India 5: 763. 1890.
S. India.

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N.E. India.

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E. & N.E. India, C. to E. Himalaya.

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var. *umbellatum*.
Himalaya, N.E. India.

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Cirrhopetalum maculosum var. *fuscescens* Hook. f., l.c.
C. to E. Himalaya.

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Cirrhopetalum viridiflorum Hook. f., Fl. Brit. India 5: 779. 1890.
Himalaya, N.E. India.

Bulbophyllum wallchii Reichb. f. in Walp., Ann. 6: 259. 1861; Seid. in Dansk. Bot. Ark. 29: 234, t. 127. 1973.

Cirrhopetalum refractum sensu Hook. f., Fl. Brit. India 5: 779. 1890 non (Reichb. f.) Zoll., 1847.
Himalaya.

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E. Himalaya, N.E. India.

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Bulbophyllum brachypodum A.S. Rao & Balakr. in Bull. Bot. Surv. India 10: 350. (1968) 1969.

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C. to E. Himalaya, N.E. India.

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E. Himalaya, N.E. India.

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Bhutan.

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E. Himalaya, E. India.

CALANTHE R. Br., Bot. Reg. 7: sub t. 573. 1821 (nom. cons.).

Calanthe alismaefolia Lindl., Fol. Orchid. 8. 1854; Hook. f., Fl. Brit. India 5: 849. 1890.
Himalaya, N.E. India.

Calanthe alpina Hook. f. ex Lindl., Fol. Orchid. 4. 1854; Hook. f., Fl. Brit. India 5: 850. 1890.
Himalaya.

Calanthe angusta Lindl., Fol. Orchid. 7. 1854; Hook. f., Fl. Brit. India 5: 849. 1890.
E. Himalaya, N.E. India.

Calanthe anthropophora Ridl. in J. Fed. Mal. St. Mus. 5: 167. 1914; Goswami & Joseph in Indian Forester 111: 180, Pl. 2. 1985.
N.E. India.

Calanthe biloba Lindl., Fol. Orchid. 3. 1854;
Hook. f., Fl. Brit. India 5: 843. 1890.

var. *biloba*.

C. to E. Himalaya, N.E. India.

var. *diptera* Hook. f., Fl. Brit. India 5: 848.
1890.

N.E. India.

var. *trentleri* Hook. f., Fl. Brit. India 5: 848.
1890.

E. Himalaya.

Calanthe brevicornu Lindl., Gen. Sp. Orchid.
251. 1833; Hook. f., Fl. Brit. India 5: 848,
1890.

var. *brevicornu*.

Himalaya.

var. *wattii* Hook. f., Fl. Brit. India 5: 848.
1890.

N.E. India.

Calanthe chloroleuca Lindl., Fol. Orchid. 10.
1854; Hook. f., Fl. Brit. India 5: 852. 1890.

C. to E. Himalaya.

Calanthe densiflora Lindl., Gen. Sp. Orchid.
250. 1833; Hook. f., Fl. Brit. India 5: 855. 1890.

Calanthe clavata Lindl., l.c. 251; Hook. f., l.c.
854.

E. Himalaya, N.E. India.

Calanthe gracilis Lindl., Gen. Sp. Orchid. 251.
1833; Hook. f., Fl. Brit. India 5: 855. 1890.

E. Himalaya, N.E. India.

Calanthe griffithii Lindl., Fol. Orchid. 9. 1854;
Hook. f., Fl. Brit. India 5: 852. 1890.

E. Himalaya.

Calanthe herbacea Lindl., Fol. Orchid. 10.
1854; Hook. f., Fl. Brit. India 5: 852. 1890.

E. Himalaya.

Calanthe manni Hook. f., Fl. Brit. India 5:
850. 1890.

Himalaya, N.E. India.

Calanthe masuca (D. Don) Lindl., Gen. Sp.
Orchid. 249. 1833; Hook. f., Fl. Brit. India 5:
850. 1890.

Bletia masuca D. Don, Prodr. Fl. Nepal. 30.
1825.

var. *masuca*.

Peninsular India, Nepal eastwards.

var. *fulgens* (Lindl.) Hook. f., Fl. Brit. India 5:
851. 1890.

Calanthe fulgens Lindl., Fol. Orchid. 10. 1854.
E. Himalaya.

Calanthe pachystalix Reichb. f. ex Hook. f., Fl.
Brit. India 5: 850. 1890.

W. to C. Himalaya.

Calanthe plantaginea Lindl., Gen. Sp. Orchid.
250. 1833; Hook. f., Fl. Brit. India 5: 853. 1890.
Himalaya.

Calanthe puberula Lindl., Gen. Sp. Orchid.
252. 1833; Hook. f., Fl. Brit. India 5: 848.
1890.

Subtropical Himalaya, N.E. India.

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249. 1833; Hook. f., Fl. Brit. India 5: 851.
1890; Sant. & Kap., Orchids. Bombay 190.
1966.

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Rao & Rathore in Jain & Mehrotra, Prelim.
Invent. Orchid. India 25. 1984.

Peninsular India.

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252. 1833; Hook. f., Fl. Brit. India 5: 847.
1890.

Temperate Himalaya.

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J. Sci. 2: 326. 1907.

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1806.

Calanthe veratrifolia (Willd.) Ker-Gawl. in Bot.
Reg. 9: t. 720. 1823; Hook. f., Fl. Brit. India 5:
851. 1890.

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Bot. 2, 15: 68. 1841; Wight, l.c. t. 1664. 1851.

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Hook. f., l.c. 853.

Calanthe styroglossa Reichb. f. ex Hook. f., l.c.
853.

Peninsular & N.E. India, Himalaya.

Calanthe trulliformis King & Pantl. in J. Asiat.
Soc. Beng. 64: 337, t. 2. 1895.

C. to E. Himalaya.

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Hook. f., Fl. Brit. India 5: 853. 1890.
E. Himalaya.

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N. E. India.

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E. Himalaya.

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Camarotis manni King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 239. 1898.
E. Himalaya.

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Aerides pallidum Roxb., Fl. Ind. 3: 475. 1832.

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E. India.

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Himalaya.

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E. Himalaya.

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Ceratostylis subulata Bl., Bijdr. 7: 206. 1825.

Appendicula teres Griff., Notul. 3: 359. 1851.

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E. Himalaya, N. E. India, Andaman & Nicobar

Islands.

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Bhutan.

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Peninsular India, E. Himalaya.

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N. E. India, Himalaya.

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Goodyera moniliformis Griff., Hin. Notes 143. 1848.

Zeuxine moniliformis (Griff.) Griff., Notul. 3: 397 & Ic. t. 350. 1851.
Arunachal Pradesh.

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S. India.

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N.E. India.

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Thrixspermum luniferum Reichb. f. in Gard. Chron. 1868: 786. 1868.

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Peninsular India, C. to E. Himalaya.

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Epidendrum pusillum Retz., Obs. Bot. 6: 49. 1791.

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S. India.

Chiloschista usneoides (D. Don) Lindl. in Edw., Bot. Reg. 18: sub t. 1522. 1832.

Epidendrum usneoides D. Don, Prodr. Fl. Nepal. 37. 1825.
C. to E. Himalaya.

CHRYSOGLOSSUM Bl., Bijdr. 6: t. 4, f. 7; 7: 337. 1825.

Chrysoglossum assamicum Hook. f., Fl. Brit. India 5: 784. 1890.
N.E. India.

Chrysoglossum erraticum Hook. f., Fl. Brit. India 5: 784. 1890.
E. Himalaya.

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S. India.

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S. India.

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E. Himalaya.

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E. Himalaya, N.E. India.

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E. & N.E. India.

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Sarcanthus arietinus Reichb. f. in Gard. Chron. 416. 1869; Hook. f., Fl. Brit. India 6: 70. 1890.
N. E. India.

Cleisostoma aspersum (Reichb. f.) Garay in Bot. Mus. Leaflet. Harv. Univ. 23(4): 169. 1972.

Sarcanthus aspersus Reichb. f. in Hamb. Gartenz. 21: 297. 1865; Hook. f., Fl. Brit. India 6: 70. 1890.

Cleisostoma bicuspidatum Hook. f., l.c. 75.

Stereochilus bicuspidatum (Hook. f.) King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 236, t. 314. 1898.

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C. to E. Himalaya, N.E. India.

Cleisostoma discolor Lindl., Bot. Reg. 31, Misc. 59. 1845; Hook. f., Fl. Brit. India 6: 75. 1890.

Sarcanthus macrodon Reichb. f. in Gard. Chron. 1555. 1872; Hook. f., l.c. 70.

Saccolabium rastellatum Hook. f., l.c. 59.

Sarcanthus auriculatus Rolfe in Kew Bull. 1895: 9. 1895.

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S. & E. India, E. Himalaya.
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- Sarcanthus williamsonii* sensu Hook. f., Fl. Brit. India 6: 67. 1890 *p.p. non* Reichb. f., 1865.
Andaman Islands.
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C. to E. Himalaya, N.E. India.
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N.E. India.
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- Sarcanthus paniculatus* (Ker Gawl.) Lindl. in Bauer, Ill. Orch. Pl. t. 9. 1832.
E. Himalaya, N.E. India.
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- Sarcanthus parishii* Hook. f., Fl. Brit. India 6: 69. 1890.
W. Himalaya.
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C. to E. Himalaya, N.E. India.
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E. Himalaya.
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- Cleisostoma brevipes* Hook. f., l.c. 73.
E. Himalaya, N.E. India.
- Cleisostoma subulatum* Bl., Bijdr. 363. 1825.
- Sarcanthus secundus* Griff., Notul. 3: 362. 1851; Hook. f., Fl. Brit. India 6: 67. 1890.
- Sarcanthus subulatus* (Bl.) Reichb. f. in Bonpland, 5: 41. 1857.
E. Himalaya, N.E. India.
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- Epidendrum tenuifolium* L., Sp. Pl. 952. 1753.
- Sarcanthus pauciflorus* Wight, Ic. t. 1747. (May) 1851.
- Sarcanthus peninsularis* Dalz. in Hook., Kew J. Bot. 3: 343. (July) 1851; Hook. f., Fl. Brit. India 6: 67. 1890.
- Sarcanthus tenuifolius* (L.) Seid. in Dansk. Bot. Ark. 27(4): 37. 1971.
Peninsular India.
- Cleisostoma tricallosum* Hegde & A.N. Rao in Orchid Rev. 54. 1983.
E. Himalaya.
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N.E. India.
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Himalaya.
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W. Himalaya.
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N. E. India.
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E. Himalaya, N.E. India.
- Coelogyne brevicauda* Lindl., Fol. Orchid. 4. 1854; Hook. f., Fl. Brit. India 5: 833. 1890.
S. India.
- Coelogyne carnea* Hook. f., Fl. Brit. India 5: 838. 1890; Rolla Rao & Joseph in Bull. Bot. Surv. India 7: 152. 1965.
E. Himalaya.
- Coelogyne corymbosa* Lindl., Fol. Orchid. 7. 1854; Hook. f., Fl. Brit. India 5: 831. 1890.
N.E. India, E. to C. Himalaya.
- Coelogyne cristata* Lindl., Coll. Bot. t. 33. 1821; Hook. f., Fl. Brit. India 5: 829. 1890.
Temperate Himalaya, N.E. India.
- Coelogyne fimbriata* Lindl., Bot. Reg. 11: t. 868. 1825; Hook. f., Fl. Brit. India 5: 836. 1890.
E. Himalaya, N.E. India.
- Coelogyne flaccida* Lindl., Gen. Sp. Orchid. 39. 1830; Hook. f., Fl. Brit. India 5: 829. 1890.
Subtropical Himalaya, N.E. India.
- Coelogyne flavida* Wall. ex Lindl., Fol. Orchid. 10. 1854; Hook. f., Fl. Brit. India 5: 839. 1890.
C. to E. Himalaya, N.E. India.
- Coelogyne fuliginosa* Hook. in Bot. Mag. 75: t. 4440. 1849; Hook. f., Fl. Brit. India 5: 836. 1890.
E. Himalaya, N.E. India.
- Coelogyne fuscescens* Lindl., Gen. Sp. Orchid. 41. 1830; Hook. f., Fl. Brit. India 5: 833. 1890.
var. *fuscescens*.
C. to E. Himalaya, N.E. India.
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E. to C. Himalaya, N. E. India.
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E. Himalaya.
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S. India.
- var. *bournetii* Das & Jain in Bull. Bot. Surv. India 18: 241. (1976) 1979.
S. India.
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S. India.
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E. Himalaya, N.E. India.

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N.E. India.

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N.E. India.

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Coelogyne fuscescens var. *integrilabia* Pfltz. in Pflanzeur. 32: 43. 1907.
C. Himalaya.

Coelogyne longipes Lindl., Fol. Orchid. 10. 1854; Hook. f., Fl. Brit. India 5: 839. 1890.
C. to E. Himalaya, N.E. India.

Coelogyne massangeana Reichb. f. in Gard. Chron. 624. 1878; Hook. f., Fl. Brit. India 5: 830. 1890.
N.E. India.

Coelogyne micrantha Lindl. in Gard. Chron. 1855: 173. 1855; Hook. f., Fl. Brit. India 5: 836. 1890.
E. Himalaya, N.E. India.

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emend. Das & Jain in Orchid Rev. 86: 195. 1978.
S. India.

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Coelogyne corrugata Wight, Ic. t. 1639. 1851.
S. India.

Coelogyne nitida (Wall. ex D. Don) Lindl., Gen. Sp. Orchid. 40. 1830.

Cymbidium nitidum Wall. ex D. Don, Prodr. Fl. Nepal. 35. 1825.

Coelogyne ochracea Lindl. in Bot. Reg. t. 69. 1846; Hook. f., Fl. Brit. India 5: 831. 1890.
Temperate Himalaya.

Coelogyne occultata Hook. f., Fl. Brit. India 5: 832. 1890.

var. *occultata*.
E. Himalaya, N.E. India.

var. *uniflora* Balakr. in J. Bombay nat. Hist. Soc. 75: 159, f.1. 1978.
Bhutan.

Coelogyne odoratissima Lindl., Gen. Sp.

Orchid. 41. 1830; Hook. f., Fl. Brit. India 5: 834. 1890.

Coelogyne angustifolia Wight, Ic. t. 1641. 1851
non A. Rich. 1841.

var. *odoratissima*.
S. India.

var. *angustifolia* (A. Rich.) Lindl., Fol. Orchid. 5. 1854.

Coelogyne angustifolia A. Rich. in Ann. Sc. Nat. 2, 15: 16. 1841.
S. India.

Coelogyne ovals Lindl. in Bot. Reg. 24: 91, misc. 191. 1838; Hook. f., Fl. Brit. India 5: 836. 1890.

var. *ovalls*.
Temperate Himalaya.

var. *latifolia* Hook. f., Fl. Brit. India 5: 836. 1890.
N.E. India.

Coelogyne plantaginea Lindl. in Gard. Chron. 1855: 20. 1855; Hook. f., Fl. Brit. India 5: 843. 1890.
India.

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C. to E. Himalaya, N.E. India.

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Cymbidium nitidum Roxb., Fl. Ind. 3: 459. 1832
non Wall. ex D. Don 1825.

Coelogyne goweri Reichb. f. in Gard. Chron. 443. 1869; Hook. f., Fl. Brit. India 5: 843. 1890.

Coelogyne nitida (Roxb.) Hook. f., Ic. 837.

f. *punctulata*.
C. to E. Himalaya, N.E. India.

f. *brevifolia* (Lindl.) Das & Jain in Fasc. Fl. India 5: 25. 1980.

Coelogyne brevifolia Lindl., Fol. Orchid. Coelogyne 7. 1854.
N.E. India.

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E. Himalaya, N.E. India.

- Coelogyne rigida* Par. & Reichb. f. in Trans. Linn. Soc. 30: 146. 1874; Das in Indian Forester 102: 472. 1976.
E. Himalaya, N.E. India.
- Coelogyne rossiana* Reichb. f. in Gard. Chron. 2: 80. 1884; Das in Indian Forester 102: 472. 1976.
N. E. India.
- Coelogyne schultesii* Jain & Das in Proc. Indian Acad. Sci. 87B: 119. 1978.
E. Himalaya, N.E. India.
- Coelogyne stricta* (D. Don) Schltr. in Fedde, Repert. 4: 184. 1919.
- Cymbidium strictum* D. Don, Prodr. Fl. Nepal. 35. 1825.
- Coelogyne elata* Lindl., Gen. Sp. Orchid. 40. 1830; Hook. f., Fl. Brit. India 5: 838. 1890.
Tropical Himalaya.
- Coelogyne suaveolens* (Lindl.) Hook. f., Fl. Brit. India 5: 832. 1890.
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N. E. India.
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Andaman Islands.
- Coelogyne treutleri* Hook. f., Fl. Brit. India 5: 837. 1890.
E. Himalaya.
- Coelogyne uniflora* Lindl., Gen. Sp. Orchid. 42. 1830; Hook. f., Fl. Brit. India 5: 842. 1890.
- Panisea uniflora* (Lindl.) Lindl., Pol. Orchid. 1, Panisca 2. 1854.
S.E. & N.E. India, E. to C. Himalaya.
- Coelogyne viscosa* Reichb. f. in Allg. Gartenz. 24, 28: 218. 1856; Hook. f., Fl. Brit. India 5: 832. 1890.
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E. Himalaya, N.E. India.
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- Corallorrhiza anandae* Malhotra & Balodi in Bull. Bot. Surv. India 26: 108, f. 3. (1984) 1985.
W. Himalaya.
- Corallorrhiza trifida* Chatelain, Specim. Inaug. Corallorrhiza 8. 1760.
- Corallorrhiza innata* R. Br. in Hort. Kew. 5: 209. 1813; Hook. f., Fl. Brit. India 5: 710. 1890.
N.E. India to C. Himalaya.
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E. Himalaya.
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N.E. India.
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- Corymbis veratrifolia* (Reinw.) Bl., l.c. H, 42E, 43f. 1; Hook. f., Fl. Brit. India 6: 91. 1890.
S. & N.E. India, E. Himalaya, Andaman Islands.
- COTTONIA** Wight, Ic. 5(1): 21, t. 1755. 1851.
- Cottonia peduncularis* (Lindl.) Reichb. f. in Cat. Orchid. Schiller 52. 1857.
- Vanda peduncularis* Lindl., Gen. Sp. Orchid. 216. 1833.
- Cottonia macrostachya* Wight, Ic. t. 1755. 1851; Hook. f., Fl. Brit. India 6: 26. 1890.
Peninsular India.
- CREMASTRA** Lindl., Gen. Sp. Orchid. 172.

1833.

Cremastra appendiculata (D. Don) Makino in Bot. Mag. Tokyo 18: 24. 1904.

Cymbidium appendiculatum D. Don, Prodr. Fl. Nepal. 36. 1825.

Cremastra wallichiana Lindl., Gen. Sp. Orchid. 173. 1833; Hook. f., Fl. Brit. India 6: 16. 1890. Temperate Himalaya.

CRYPTOCHILUS Wall., Tent. Fl. Nepal. 36. 1824.

Cryptochilus lutea Lindl. in J. Linn. Soc. 3: 21. 1839; Hook. f., Fl. Brit. India 5: 827. 1890. Subtropical Himalaya, N.E. India.

Cryptochilus sanguineus Wall., Tent. Fl. Nepal. 36, t. 26. 1824; Hook. f., Fl. Brit. India 5: 827. 1890.

Subtropical Himalaya, N.E. India.

CRYPTOSTYLIS R. Br., Prodr. 317. 1810.

Cryptostylis arachnites (Bl.) Hassk. in Cat. Bog. 48. 1844; Hook. f., Fl. Brit. India 6: 118. 1890.

Zosterostylis arachnites Bl., Bijdr. 419, t. 32. 1825.

N.E. India.

CYMBIDIUM Swartz in Nova Acta Reg. Soc. Sci. Upsal. 2, 6: 70. 1799.

Cymbidium aloifolium (L.) Swartz in Nov. Act. Upsal. 2, 6: 73. 1799; Hook. f., Fl. Brit. India 6: 10. 1890; Seth in Kew Bull. 37: 399. 1982.

Epidendrum aloifolium L., Sp. Pl. 953. 1753.

Epidendrum pendulum Roxb., Cor. Pl. 1: 35. 1795.

Cymbidium pendulum (Roxb.) Swartz, l.c.

Cymbidium erectum Wight, l.c. t. 1753. 1852.

Cymbidium intermedium Jones in Reinwardtia 9: 71. 1974.

Throughout India.

Cymbidium bicolor Lindl., Gen. Sp. Orchid. 164. 1833 & in Edw., Bot. Reg. 25: 46, misc. 69. 1839; Hook. f., Fl. Brit. India 6: 11. 1890;

Seth in Kew Bull. 37: 400. 1982.

Cymbidium pubescens Lindl. in Edw., Bot. Reg. 26: Misc. 75, 27, l. 38. 1840; Balakr. & Chakrab. in Bull. Bot. Surv. India 20: 82. (1978) 1979.

Peninsular India, E. Himalaya, Andaman Islands.

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Cyperorchis cochleare (Lindl.) Bth. in J. Linn. Soc. 18: 318. 1832; Hook. f., Fl. Brit. India 6: 15. 1890.

E. Himalaya, N. E. India.

Cymbidium cyperifolium Lindl., Gen. Sp. Orchid. 163. 1833; Hook. f., Fl. Brit. India 6: 13. 1890.

Subtropical Himalaya, N.E. India.

Cymbidium dayanum Reichb. f. in Gard. Chron. 710. 1869.

Cymbidium eburneum Lindl. var. *dayana* (Reichb. f.) Hook. f., Fl. Brit. India 6: 12. 1890.

Cymbidium simonsianum King & Pantl. in J. Asiat. Soc. Beng. 64: 239. 1895.

E. Himalaya, N.E. India.

Cymbidium devonianum Paxt. in Mag. Bot. 10: 97, cum. Ic. 1843; Hook. f., Fl. Brit. India 6: 10. 1890.

C. to E. Himalaya, N.E. India.

Cymbidium eburneum Lindl. in Edw., Bot. Reg. n. s. 33: t. 67. 1847; Hook. f., Fl. Brit. India 6: 11. 1890.

Himalaya, N.E. India.

Cymbidium elegans Lindl., Gen. Sp. Orchid. 161. 1833; Cribb & Dupuy in Kew Bull. 38: 66. 1983.

Cyperorchis elegans (Lindl.) Bl., Rumph. 4: 47. 1848; Hook. f., Fl. Brit. India 6: 14. 1890.

C. to E. Himalaya, N.E. India.

Cymbidium ensifolium (L.) Swartz in Nov. Act. Upsal. 6: 77. 1799; Hook. f., Fl. Brit. India 6: 13. 1890.

Epidendrum ensifolium L., Sp. Pl. 90. 1753.

Cymbidium munronianum King & Pantl. in J. Asiat. Soc. Beng. 64: 238, t. 2. 1895.

var. *ensifolium*.

Peninsular & N.E. India, Himalaya.

var. *haematodes* (Lindl.) Trim., Handb. Fl. Ceylon 4: 180. 1898; Saldanha in Saldanha & Nicolson, Fl. Hassan Dt. 817, t. 123. 1976.

Cymbidium haematodes Lindl., Gen. Sp. Orchid. 162. 1832-33.
Peninsular India.

Cymbidium erythraeum Lindl. in J. Proc. Linn. Soc. 3: 30. 1859; Hara in Taxon 34: 691. 1985.
E. Himalaya.

Cymbidium gammleanum King & Pantl. in J. Asiat. Soc. Beng. 64: 339. 1895.
E. Himalaya.

Cymbidium hookerianum Reichb. f. in Gard. Chron. 1866: 7. 1866; Dupuy *et al.* in Kew Bull. 40: 431. 1985.

Cymbidium grandiflorum Griff., Notul. 3: 321. 1851 non Swartz, 1799; Hook. f., Fl. Brit. India 6: 12. 1890.
Himalaya.

Cymbidium iridifolium D. Don, Prodr. Fl. Nepal. 36. 1825; Dupuy *et al.* in Kew Bull. 40: 430. 1985.

Cymbidium giganteum Lindl., Gen. Sp. Orchid. 163. 1833 non Swartz, 1800; Hook. f., Fl. Brit. India 6: 12. 1890.
Tropical Himalaya, N.E. India.

Cymbidium lancifolium Hook., Exot. Fl. t. 51. 1823; Hook. f., Fl. Brit. India 6: 9. 1890.
Subtropical Himalaya; N.E. India.

Cymbidium longifolium D. Don, Prodr. Fl. Nepal. 36. 1825; Hook. f., Fl. Brit. India 6: 13. 1890; Cribb & Dupuy in Kew Bull. 38: 66. 1983.

Cyperorchis longifolia (D. Don) Schltr. in Fedde, Repert. 20: 108. 1924.
Himalaya, N.E. India.

Cymbidium lowianum Reichb. f. in Gard. Chron. 11: 404, t. 56. 1879.

Cymbidium giganteum Lindl. var. *lowiana* Reichb. f. in Lc. 684. 1887; Hook. f., Fl. Brit. India 6: 13. 1890.

Cymbidium mackinnonii Duthie in J. Asiat. Soc. Beng. 71: 40. 1902.
W. Himalaya.

Cymbidium macrorhizon Lindl., Gen. Sp. Orchid. 162. 1833; Hook. f., Fl. Brit. India 6: 9. 1890.

Himalaya, N.E. India.

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Cyperorchis mastersii (Griff. ex Lindl.) Bth. in J. Linn. Soc. 18: 318. 1881; Hook. f., Fl. Brit. India 6: 15. 1890.
E. Himalaya, N.E. India.

Cymbidium sikkimensense Hook. f., Fl. Brit. India 6: 9. 1890.
E. Himalaya.

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Peninsular & N. E. India, E. Himalayas, Andaman & Nicobar Islands.

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N.E. India.

Cymbidium whiteae King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 193, t. 258. 1898.
E. Himalaya.

CYPRIPEDIUM L., Sp. Pl. 951. 1753.

Cypripedium cordigerum D. Don, Prodr. Fl. Nepal. 37. 1825; Hook. f., Fl. Brit. India 6: 170. 1890.
Temperate Himalaya.

Cypripedium elegans Reichb. f. in Flora 69: 561. 1886; Hook. f., Fl. Brit. India 6: 169. 1890.
Himalaya.

Cypripedium himalaicum Rolfe apud Hemsl. in J. Linn. Soc. 29: 319. 1893.
Himalaya.

Cypripedium macranthon Swartz in Act. Holm. 251. 1800; Hook. f., Fl. Brit. India 6: 170. 1890.

Cypripedium tibeticum King ex Hemsl. in J. Linn. Soc. 29: 320. 1892.

var. *macranthon*.
Alpine Himalaya.

var. *ventricosa* Carriere in Rev. Hort. 310. 1877; Hook. f., Lc.
Himalaya.

DACYLORHIZA Necker ex Nevski in Trudy,

Bot. InsL Akad. Nauk SSSR, 1, Fl. Sist. Vyss. Rasl. 4: 332. 1937.

Dactylocteniza hatagirea (D. Don) Soo, Nom. Nov. Gen. Dactylocteniza 4. 1962.

Orchis hatagirea D. Don, Prodr. Fl. Nepal. 23. 1825.

Orchis latifolia sensu Hook. f., Fl. Brit. India 6: 127. 1890 non L., 1753.
Himalaya, N.E. India.

DENDROBIUM O. Swartz, Nova Acta Reg. Soc. Upsal. 2, 6: 82. 1799 (*nom. cons.*).

Dendrobium uclnaciforme Roxb., Fl. Ind. 3: 487. 1832; Hook. f., Fl. Brit. India 5: 723. 1890.
N.E. India, E. Himalaya.

Dendrobium aduncum Wall. in Bot. Reg. 1842, Misc. 62, t. 15. 1846; Hook. f., Fl. Brit. India 5: 730. 1890.
E. Himalaya, E. & N.E. India.

Dendrobium amoenum Wall. ex Lindl., Gen. Sp. Orchid. 78. 1830; Hook. f., Fl. Brit. India 5: 738. 1890.
Tropical Himalaya, N.E. India.

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Tamil Nadu.

Dendrobium anceps Swartz in Act. Holm. 21: 246. 1800; Hook. f., Fl. Brit. India 5: 724. 1890.
C. to E. Himalaya, N.E. India, Nicobar Islands.

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Limodorum aphyllum Roxb., Pl. Cor. t. 41. 1795.

Dendrobium pierardi Roxb. in Hook., Exot. Fl. t. 9. 1822; Hook. f., Fl. Brit. India 5: 738. 1890.

var. *aphyllum*.
S. & E. India, Himalaya.

var. *cucullata* (R. Br.) Sarkar in J. Econ. Tax. Bot. 5: 1007. 1984.

Dendrobium cucullatum R. Br. in Bot. Reg. t. 548. 1821.

Dendrobium pierardi var. *cucullata* (R. Br.) Hook. f., Fl. Brit. India 5: 739. 1890.
Peninsular India, E. Himalaya.

Dendrobium aequum Lindl. in Bot. Reg. Misc. 6, t. 54. 1843; Hook. f., Fl. Brit. India 5: 739. 1890.

Dendrobium album Wight, Ic. t. 1645. 1851.
Peninsular India.

Dendrobium aurantiacum Reichb. f. in Gard. Chron. 2: 98. 1887; Hook. f., Fl. Brit. India 6: 187. 1890.

Dendrobium chryseum Rolfe in Gard. Chron. 1: 233. 1888; Hook. f., Ic. 5: 748.
E. Himalaya, N.E. India.

Dendrobium barbatulum Lindl., Gen. Sp. Orchid. 84. 1830; Hook. f., Fl. Brit. India 5: 719. 1890.
Peninsular India.

Dendrobium bensoniae Reichb. f. in Bot. Zeit. 25: 230. 1867; Hook. f., Fl. Brit. India 5: 739. 1890; Katak & Bijaykrishna in Bull. Bot. Surv. India 12: 260. (1970) 1972.
N.E. India.

Dendrobium bicameratum Lindl. in Edw., Bot. Reg. 59. 1839; Hook. f., Fl. Brit. India 5: 729. 1890.

Dendrobium bolboflorum Falc. ex Hook. f., Ic. Himalaya, E. & N.E. India.

Dendrobium candidum Lindl. in Edw., Bot. Reg. 54. 1838; Hook. f., Fl. Brit. India 5: 735. 1890.

Dendrobium spathaceum Lindl. in J. Linn. Soc. 3: 15. 1859; Hook. f., Ic. 737.
Tropical Himalaya, N.E. India.

Dendrobium cariniferum Reichb. f. in Gard. Chron. 611. 1869; Hook. f., Fl. Brit. India 5: 720. 1890.
N. E. India.

Dendrobium cathcartii Hook. f., Fl. Brit. India 5: 727. 1890.
E. Himalaya.

Dendrobium chrysanthum Lindl., Gen. Sp. Orchid. 80. 1830 & in Edw., Bot. Reg. 15: t. 1299. 1830; Hook. f., Fl. Brit. India 5: 747. 1890.
Tropical Himalaya, N.E. India.

Dendrobium chrysotoxum Lindl. in Bot. Reg.

t. 19 & 36. 1847; Hook. f., Fl. Brit. India 5: 750. 1890; Mitra, Fl. Pl. E. India 1: 318. 1958. N. E. India.

Dendrobium crepidatum Lindl. in Paxt., Fl. Gard. 1: 63, f. 45. 1850; Hook. f., Fl. Brit. India 5: 740. 1890.

Peninsular & N.E. India, Himalaya.

Dendrobium cretaceum Lindl. in Edw., Bot. Reg. 33: t. 62. 1847; Hook. f., Fl. Brit. India 5: 736. 1890.

E. Himalaya, N.E. India.

Dendrobium crumenatum Swartz in Schrad., J. Bot. 2: 237. 1799 & in Act. Holm. 246. 1800; Hook. f., Fl. Brit. India 5: 729. 1890.

Andaman & Nicobar Islands.

Dendrobium crystallinum Reichb. f. in Gard. Chron. 572. 1868; Hook. f., Fl. Brit. India 5: 739. 1890.

E. Himalaya.

Dendrobium cumulatum Lindl. in Gard. Chron. 756. 1855; Hook. f., Fl. Brit. India 5: 731. 1890.

var. *cumulatum*.

E. Himalaya.

var. *jenkinsii* Hook. f., Fl. Brit. India 5: 731. 1890.

N.E. India.

Dendrobium darjeelingensis U.C. Pradhan, Guide Cult. Ident. Ind. Orch. 2: 336. 1979.

E. Himalaya.

Dendrobium denneanum A. F. G. Kerr in J. Siam Soc. Nat. Hist. Suppl. 9: 229. 1933.

Dendrobium clavatum Wall. ex Lindl. in Lindl. & Paxt., Fl. Gard. 2: 104, t. 189. 1852 non Roxb., 1832; Hook. f., Fl. Brit. India 5: 746. 1890.

Tropical Himalaya, N.E. India.

Dendrobium densiflorum Wall. ex Lindl. in Wall., Pl. As. Rar. 1: 34, t. 40. 1830; Hook. f., Fl. Brit. India 5: 748. 1890.

Tropical Himalaya, N.E. India.

Dendrobium denudans D. Don, Prodr. Fl. Nepal. 34. 1825; Hook. f., Fl. Brit. India 5: 715. 1890.

Subtropical & Temperate Himalaya.

Dendrobium devonianum Paxt. in Bot. Mag. 7: t. 169. 1840; Hook. f., Fl. Brit. India 5: 743. 1890.

E. Himalaya, N.E. India.

Dendrobium erlaeformum Griff., Notul. 3: 316. 1851; Hook. f., Fl. Brit. India 5: 715. 1890.

E. to C. Himalaya, N.E. India.

Dendrobium falconeri Hook. in Bot. Mag. t. 4944. 1856; Hook. f., Fl. Brit. India 5: 742. 1890.

E. Himalaya, N.E. India.

Dendrobium farmeri Paxt. in Bot. Mag. 15: 241. 1849; Hook. f., Fl. Brit. India 5: 750. 1890.

Tropical E. Himalaya, N.E. India.

Dendrobium fimbriatum Hook., Exot. Fl. t. 71. 1823; Hook. f., Fl. Brit. India 5: 745. 1890.

var. *fimbriatum*.

Subtropical Himalaya, N.E. India.

var. *oculata* Hook. in Bot. Mag. t. 4160. 1856; Hook. f., l.c.

Bhutan.

Dendrobium formosum Roxb. ex Lindl. in Wall., Pl. As. Rar. 1: 34, t. 39. 1830; Hook. f., Fl. Brit. India 5: 721. 1890.

Tropical E. Himalaya, N.E. India, Andaman Islands.

Dendrobium gibsonii Lindl. in Paxt., Bot. Mag. 5: 169. 1838; Hook. f., Fl. Brit. India 5: 746. 1890.

E. to C. Himalaya, N.E. India.

Dendrobium grande Hook. f., Fl. Brit. India 5: 724. 1890.

Aporum grande (Hook. f.) Rauschert in Fedde, Repert. 94: 439. 1983.

S. Andaman Islands.

Dendrobium haemoglossum Thw., Enum. Pl. Zeyl. 429. 1864; Hook. f., Fl. Brit. India 5: 727. 1890.

S. India.

Dendrobium herbaceum Lindl. in Edw., Bot. Reg. 26: 69. 1840; Hook. f., Fl. Brit. India 5: 719. 1890.

Peninsular and E. India.

Dendrobium heterocarpum Wall. ex Lindl., Gen. Sp. Orchid. 78. 1830; Hook. f., Fl. Brit. India 5: 737. 1890.

Dendrobium aureum Lindl., Gen. Sp. Orchid. 77. 1830; Wight, l.c. t. 1646. 1851.

Peninsular & N.E. India, Tropical E. Himalaya.

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N.E. India; Bhutan.
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E. Himalaya, N.E. India.
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Temperate E. to C. Himalaya, N.E. India.
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S., C. & N. India.
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Peninsular India.
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N.E. India.
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Temperate Himalaya.
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Tropical Himalaya, N.E. India.
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Peninsular India.
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N.E. India.
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E. to C. Himalaya, N.E. India.

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W. Himalaya.
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Peninsular India.
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N. E. India.
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Peninsular India.
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E. Himalaya.
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Kerala.
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N.E. India.
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N. E. India.
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N.E. India.
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E. Himalaya, N.E. India.
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Peninsular India, E. to C. Himalaya.
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N.E. India.
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Nicobar Islands.
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E. India.
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N.E. India.

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Andaman & Nicobar Islands.

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N.E. India.

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Himalaya, N.E. India.

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Tropical Himalaya.

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E. to C. Himalaya, N.E. India.

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E. India.

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E. India.

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India (without specific locality).

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N.E. India.

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Andaman & Nicobar Islands.

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India 5: 725. 1890.
N.E. India.

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India (without specific locality).

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E. Himalaya, N.E. India.

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E. Himalaya, N.E. India.

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Andaman Islands.

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N. E. India.

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Andaman & Nicobar Islands.

Dendrobium transparens Lindl., Gen. Sp. Orchid. 79. 1830; Hook. f., Fl. Brit. India 5: 738. 1890.
Tropical Himalaya, N.E. India.

Dendrobium wardianum Warner, Sel. Orchid. 1, t. 19. 1862; Hook. f., Fl. Brit. India 5: 742. 1890.
N.E. India.

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N.E. India.

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S. India.

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N.E. India.

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Himalaya.

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E. Himalaya.

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Peninsular E. & N.E. India, E. Himalaya.

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E. Himalaya.

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Habenaria griffithii Hook. f., Fl. Brit. India 6: 165. 1890.

Habenaria decipiens Hook. f., Ic. 165 non Wight, 1851.
W. Himalaya.

Diphylax urceolata (C.B.Cl.) Hook.f. in Hook., Ic. Pl. 19: t. 1865. 1889.

Habenaria urceolata C.B.Cl. in J. Linn. Soc. 25: 73, t. 30. 1889; Hook.f., Fl. Brit. India 6: 165. 1890.

E. to C. Himalaya, N.E. India.

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Diplocentrum congestum Wight, Ic. t. 1682. 1851; Hook.f., Fl. Brit. India 6: 78. 1890.
S. & E. India.

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Diplocentrum longifolium Wight, Ic. t. 1681. 1851.
S. India.

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Diplomeris hirsuta (Lindl.) Lindl., Gen. Sp. Orchid. 330. 1835; Hook. f., Fl. Brit. India 6: 167. 1890.

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Tropical Himalaya.

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N.E. India.

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S. India.

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S. India.

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Bhutan.

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1851; Hook. f., Fl. Brit. India 5: 712. 1890.

Katherinea fuscescens (Griff.) Hawkes in Lloydia 19: 95. 1956.
E. to C. Himalaya, N.E. India.

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Sarcopodium rotundatum Lindl., Fol. Orchid. Sarcopodium 2. 1853.

Bulbophyllum rotundatum (Lindl.) Reichb. f. in Walp., Ann. 6: 244. 1861.

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Katherinea rotundata (Lindl.) Hawkes in Lloydia 19: 97. 1956.
E. Himalaya, N.E. India.

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Epipactis gigantea Dougl. ex Hook., Fl. Bor. Amer. 2: 202. 1839.

Epipactis royleana Royle ex Lindl., Gen. Sp. Orchid. 461. 1840; Hook. f., Fl. Brit. India 6: 126. 1890.
Temperate Himalaya.

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Temperate Himalaya.

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W. Himalaya.

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l.c. 126.
E. Himalaya.
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India 6: 126. 1890.
W. Himalaya.
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Scid. in Nord. J. Bot. 2: 14. 1882.
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S. India, Temperate Himalaya.
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Phys. Aufs. 240. 1791.
Temperate Himalaya.
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Soc. 1: 177. 1857.
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Peninsular & N.E. India, Tropical Himalaya.
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E. Himalaya.
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E. Himalaya, N.E. India.
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Hook.f., Fl. Brit. India 5: 800. 1890.
India (without specific locality).
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Subtropical Himalaya.
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1893.
S. India.
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168, f. 6-9. 1870; Hook. f., Fl. Brit. India 5:
800. 1890.
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Pl. t. 2069. 1891.
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1889 & l.c. 796.
Himalaya, N.E. India.
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801. 1890.
Andaman Islands.
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4. 1929.
India.
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Peninsular to N.E. India, E. Himalaya.
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S. India.
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E. Himalaya, N.E. India.
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N.E. India.
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Jayaweera in Dassanayake & Fosberg, Rev.
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Peninsular India.
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var. *bractescens*.

E. to C. Himalaya, N.E. India, Nicobar Islands.

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Eria affinis Griff., Notul. 3: 297. 1851.
Andaman & Nicobar Islands.

var. *kurzii* Hook. f., Fl. Brit. India 5: 797. 1890.
Andaman & Nicobar Islands.

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Peninsular India.

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S. India.

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Temperate Himalaya, N.E. India.

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W. Himalaya.
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Tropical E. Himalaya, N.E. India.
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Tropical Himalaya, E. & N.E. India.
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N. E. India.
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N.E. India.
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Tropical Himalaya, N.E. India.

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Andaman Islands.

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N.E. India.

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Peninsular & E. India.
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Peninsular & N.E. India, subtropical W. to C. Himalaya.
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W. to C. Tropical Himalaya.
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Throughout India, Nicobar Islands.
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E. Himalaya.
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E. Himalaya, N.E. India.
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Throughout India.
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Tropical and subtropical W. Himalaya.
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Peninsular India.

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Galeola falconeri Hook. f., Fl. Brit. India 6: 88. 1890.

Subtropical Himalaya.

Galeola javanica (Bl.) Bth. & Hook. f., Gen. Pl. 3: 590. 1883; Hook. f., Fl. Brit. India 6: 88. 1890.

Cyrtosia javanica Bl., Bijdr. 39, t. 6. 1825.
E. Himalaya, N.E. India.

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Erythrorchis lindleyana Reichb. f. in Bonplandia 5: 37. 1857.
Himalaya, N.E. India.

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Galeola hydra Reichb. f., Xen. Orch. 2: 77. 1865; Hook. f., Fl. Brit. India 6: 89. 1890.
E. Himalaya.

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E. to C. Himalaya, N.E. India.

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Saccolabium distichum Lindl. in J. Proc. Linn. Soc. 3: 36. 1859; Hook. f., Fl. Brit. India 6: 64. 1890.

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S. India.

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Himalaya, N.E. India.

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Saccolabium intermedium Griff. ex Lindl. in J. Linn. Soc. 3: 33. 1858; Hook. f., Fl. Brit. India 6: 61. 1890.

E. Himalaya, N.E. India.

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E. Himalaya, N.E. India.

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E. Himalaya.

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Himalaya.

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N.E. India.

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Temperate W. Himalaya.

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Geodorum purpureum R. Br. in Hort. Kew. ed. 2. 5: 207. 1813; Hook. f., Lc. 16.

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Peninsular, E. & N.E. India, Tropical Himalaya.

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W. Bengal.

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Tropical W. to C. Himalaya.

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Georchis foliosa Lindl., Gen. Sp. Orchid. 496. 1840.
Himalaya, N.E. India.

Goodyera fumata Thw., Enum. Pl. Zeyl. 314. 1864; Hook. f., Fl. Brit. India 6: 111. 1890.
E. Himalaya.

Goodyera fusca (Lindl.) Hook. f., Fl. Brit. India 6: 112. 1890.

Aetheria fusca Lindl., Gen. Sp. Orchid. 491. 1840.
Subalpine Himalaya.

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E. Himalaya.

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E. Himalaya.

Goodyera blepside Lindl. in J. Linn. Soc. 1: 183. 1857; Hook. f., Fl. Brit. India 6: 114. 1890.
E. Himalaya, N.E. India.

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E. Himalaya.

Goodyera prainii Hook. f., Fl. Brit. India 6: 112. 1890.
N.E. India.

Goodyera procera (Wall. ex Ker-Gawl.) Hook., Exot. Fl. 1: t. 39. 1823; Hook. f., Fl. Brit. India 6: 111. 1890.

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Throughout India.

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N.E. India.

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Temperate Himalaya.

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N.E. India.

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E. Himalaya, N.E. India.

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Georchis cordata Lindl., Gen. Sp. Orchid. 496. 1840.

Goodyera cordata (Lindl.) Nichols., Dict. Gard. 2: 81. 1885; Hook. f., Fl. Brit. India 6: 114. 1890.
W. Himalaya, N.E. India.

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Subtropical & Temperate Himalaya.

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Grosourdya appendiculata (Bl.) Reichb. f., Xen. Orchid. 2: 123. 1867; Seid. in Nord. J. Bot. 6: 179. 1886.

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Andaman Islands.

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Hort. Kew. ed. 2. 5: 191. 1813.

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Orchis camtschatica Cham. in Linnæa 3: 27. 1828.
W. Himalaya.

Gymnadenia orchidis Lindl., Gen. Sp. Orchid. 278. 1835.

Habenaria orchidis (Lindl.) Hook. f., Fl. Brit. India 6: 142. 1890.

Orchis habenarioides King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 302, t. 401. 1898.
Temperate Himalaya.

HABENARIA Willd., Sp. Pl. 4: 5, 44. 1805.

Habenaria acullera Wall. ex Lindl., Gen. Sp. Orchid. 325. 1835; Hook. f., Fl. Brit. India 6: 146. 1890.
N.E. India.

Habenaria acuminata (Thw.) Trim., Cat. Ceyl. Pl. 91. 1885; Hook. f., Fl. Brit. India 6: 133. 1890; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1468. 1928 (3: 1026. 1967, Repr. ed.).

Ate acuminata Thw., Enum. Pl. Zeyl. 309. 1861.
S. India.

Habenaria altchisoni Reichb. f. apud Aitch. in Trans. Linn. Soc. 2, Bot. 3: 113. 1888; Hook. f., Fl. Brit. India 6: 152. 1890.
Temperate Himalaya.

Habenaria albomarginata King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 322, t. 425. 1898.
E. Himalaya.

Habenaria andamanica Hook. f., Fl. Brit. India 6: 134. 1890.
Andaman Islands.

Habenaria erletina Hook. f., Fl. Brit. India 6: 138. 1890.
Temperate Himalaya, N.E. India.

Habenaria barnesii Summerh. apud C.E.C. Fischer in Gamble, Fl. Pres. Madras 1887. 1936 (3: 1306. 1967, Repr. ed.).
S. India.

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1890.
W. India.
- Habenaria cephalotes* Lindl., Gen. Sp. Orchid. 322. 1835; Hook. f., Fl. Brit. India 6: 139. 1890.
S. India.
- Habenaria commelinifolia* (Roxb.) Wall. ex Lindl., Gen. Sp. Orchid. 325. 1835; Hook. f., Fl. Brit. India 6: 143. 1890.
- Orchis commelinifolia* Roxb., Fl. Ind. 3: 415. 1832.
Throughout India.
- Habenaria concinna* Hook. f., Fl. Brit. India 6: 155. 1890.
N.E. India.
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Peninsular to E. India.
- Habenaria crnifera* Lindl., Gen. Sp. Orchid. 323. 1835; Hook. f., Fl. Brit. India 6: 142. 1890.
Peninsular India.
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E. Himalaya.
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S. India.
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Subtropical Himalaya, N.E. India.
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E. to C. Himalaya, N.E. India.
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Nilgiris (Tamil Nadu).
- Habenaria dicerus* Schltr. in Notes R.B.G. Edinb. 5: 101, t. 78. 1912.
Nepal.
- Habenaria digitata* Lindl., Gen. Sp. Orchid. 307. 1835; Hook. f., Fl. Brit. India 6: 134. 1890.
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- Habenaria graveolens* Duthie in Ann. Roy. Bot. Gard. Calcutta 9: 178, t. 128. 1906.
- var. *digitata*.
Throughout India.
- var. *travancorica* (Hook. f.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1469. 1928 (3: 1026. 1967, Repr. ed.).
- Habenaria travancorica* Hook. f., Fl. Brit. India 6: 135. 1890.
S. India.
- Habenaria diphylla* Dalz. in Hook., J. Bot. 2: 262. 1850; Hook. f., Fl. Brit. India 6: 151. 1890.
- Habenaria jerdoniana* Wight, Ic. t. 1715. 1851.
Throughout India.
- Habenaria edgeworthii* Hook. f. ex Collett, Fl. Siml. 504. 1902.
- Platanthera edgeworthii* (Hook. f. ex Collett) Gupta, Fl. Nainital 349. 1968.
W. Himalaya.
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S. India.
- Habenaria elwesii* Hook. f. in Bot. Mag. t. 7478. 1896.
S. India.
- Habenaria ensifolia* Lindl., Gen. Sp. Orchid. 321. 1835.
- Habenaria pectinata* sensu Hook. f., Fl. Brit. India 6: 137. 1890 non D. Don, 1825.
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W. Himalaya.
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N.E. India.
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Econ. Tax. Bot. 5: 1008. 1984.

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N.E. India.

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S. India.

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Habenaria digitata var. *foliosa* (A. Rich.) Hook. f., Fl. Brit. India 6: 135. 1890.

Habenaria gibsonii var. *foliosa* (A. Rich.) Sant. & Kap. in J. Bombay nat. Hist. Soc. 56: 194. 1959.

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var. *foliosa*.
Peninsular India.

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Habenaria gibsonii var. *foetida* Blatt. & McC. in J. Bombay nat. Hist. Soc. 36: 16. 1932.
Peninsular India.

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Habenaria gibsonii Hook. f., Fl. Brit. India 6: 135. 1890.

Habenaria digitata var. *gibsonii* (Hook.f.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1469. 1928 (3: 1027. 1967, Repr. ed.).
Peninsular India.

Habenaria fureifera Lindl., Gen. Sp. Orchid. 319. 1835; Hook. f., Fl. Brit. India 6: 149. 1890.
Throughout India.

Habenaria grandifloriformis Blatt. & McC. in J. Bombay nat. Hist. Soc. 36: 17. 1932 *emend.* Sant. & Kap., *ibid.* 56: 195. 1959.

Habenaria grandiflora Lindl. ex Dalz. & Gibs., Bombay Fl. 267. 1861 *non* Torr. ex Beck., 1823; Hook. f., Fl. Brit. India 6: 136. 1890.

Habenaria grandifloriformis var. *aequiloba* Blatt. & McC., *l.c.* 18.
Peninsular India.

Habenaria beyneana Lindl., Gen. Sp. Orchid. 320. 1835; Hook. f., Fl. Brit. India 6: 148. 1890.

Habenaria subpubens A. Rich. in Ann. Sci. Nat. 2, 15: 75, t. 4 C. 1841; Hook. f., *l.c.*

Habenaria cerea Blatt. & McC. in J. Bombay nat. Hist. Soc. 36: 21. 1932.

Habenaria cerea var. *polyantha* Blatt. & McC. *l.c.* 22.
Peninsular India.

Habenaria hollandiana Sant., Fl. Purandhar 126. 1958.

Habenaria affinis Wight. Ic. t. 1707. 1852 *non* D. Don, 1825.

Peninsular to E. India through C. India.

Habenaria intermedia D. Don, Prodr. Fl. Nepal. 24. 1825; Hook. f., Fl. Brit. India 6: 138. 1890.
Temperate Himalaya.

Habenaria josephi Reichb. f. in Trans. Linn. Soc. 2, Bot. 3: 114. 1838; Seid. in Nord. J. Bot. 2: 19. 1982.

Habenaria aitchisoni var. *josephi* (Reichb. f.) Hook. f., Fl. Brit. India 6: 152. 1890.
Temperate Himalaya.

Habenaria khasiana Hook. f., Fl. Brit. India 6: 151. 1890.
N.E. India.

Habenaria longicorniculata Grah., Cat. Bombay Fl. 202. 1839.

Habenaria longecalcarata A. Rich. in Ann. Sci. Nat. 2, 15: 71, t. 3 B. 1841; Hook. f., Fl. Brit. India 6: 141. 1890.

Habenaria longecalcarata var. *viridis* Blatt. & McC. in J. Bombay nat. Hist. Soc. 36: 20. 1932.
Peninsular to E. India.

Habenaria longicornu Lindl., Gen. Sp. Orchid. 322. 1835 ('*longicornis*'); Hook. f., Fl. Brit. India 6: 139. 1890.

Habenaria montana A. Rich. in Ann. Sci. Nat. 2, 15: t. 4 A. 1841; Wight, Ic. t. 1714. 1851 p.p.
Peninsular India.

Habenaria longifolia Buch. Ham. ex Lindl., Gen. Sp. Orchid. 324. 1835; Hook. f., Fl. Brit. India 6: 141. 1890.

Subtropical & Temperate Himalaya.

Habenaria macrostachya Lindl., Gen. Sp. Orchid. 307. 1835; Hook. f., Fl. Brit. India 6: 134. 1890.
S. India.

Habenaria malintana (Blanco) Merr. in Bur. Sci. Publ. Manila 12: 112. 1918.

Thelymitra malintana Blanco

Habenaria pelorioides Par. & Reichb. f. in Trans. Linn. Soc. 30:139, t. 27, f. A. 1874; Hook. f., Fl. Brit. India 6: 166. 1890.
E. Himalaya, N.E. India.

Habenaria malleifera Hook. f., Fl. Brit. India 6: 143. 1890.

Habenaria furfuracea Hook. f., l.c. 144.
E. Himalaya, N.E. India.

Habenaria mandersii Collett & Hemsley in J. Linn. Soc. 28: 133. 1890; H.B. Nathani & Som Deva in Indian J. For. 7: 249, f. 1. 1984.
N.E. India.

Habenaria marginata Coleb. in Hook., Exot. Fl. 2; 17: t. 136. 1824; Hook. f., Fl. Brit. India 6: 150. 1890.

var. *marginata*.
Throughout India.

var. *flavescens* (Hook.f.) T. Cooke, Fl. Pres. Bombay 2: 721. 1907 (3: 226. 1967, Repr. ed.).

Habenaria flavescens Hook. f., Fl. Brit. India 6: 150. 1890.

Habenaria marginata f. *flavescens* Blatt. & McC. in J. Bombay nat. Hist. Soc. 36: 24. 1932.
Peninsular India.

var. *fusifera* (Hook.f.) Sant. & Kap. in J. Bombay nat. Hist. Soc. 56: 199. 1959 & Orchid. Bombay 35. 1966.

Habenaria fusifera Hook. f., Fl. Brit. India 6: 147. 1890.
Peninsular India.

Habenaria multicaudata Sedgw. in Rec. Bot. Surv. India 6: 352. 1919.
Peninsular India.

Habenaria nematocaulon Hook. f., Fl. Brit. India 6: 154. 1890.

Peristylus nematocaulon (Lindl.) Mitra, Fl. Pl. E.

India 1: 275. 1958.
Temperate E. Himalaya.

Habenaria ovalifolia Wight, Ic. t. 1708. 1851; Hook. f., Fl. Brit. India 6: 149. 1890.

Habenaria modesta Dalz. in Hook., J. Bot. 2: 262. 1850; Hook. f., l.c. 166.

Habenaria halibergii Blatt. & McC. in J. Bombay nat. Hist. Soc. 36: 24. 1932.
Peninsular India.

Habenaria pachycaulon Hook. f., Fl. Brit. India 6: 154. 1890.
E. Himalaya.

Habenaria panchganensis Sant. & Kap. in J. Bombay nat. Hist. Soc. 54: 478. 1957.

Habenaria variabilis Blatt. & McC. *ibid.* 36: 19, t. 4-5. 1932 non Ridl., 1886.
Peninsular India.

Habenaria panigrahiana S. Misra in Blumea 27: 213, f. 1. 1981.

var. *panigrahiana*.
Orissa.

var. *parviflora* S. Misra, l.c. 214, f. 1.
Orissa.

Habenaria pectinata (J.E. Sm.) D. Don, Prodr. Fl. Nepal. 24. 1825; Hook. f., Fl. Brit. India 6: 137. 1890.

Orchis pectinata J.E. Sm., Exot. Bot. t. 99. 1804.
Temperate Himalaya, N.E. India.

Habenaria perrottetiana A. Rich. in Ann. Sci. Nat. 2, 15: 74, t. 4 B. 1841; Hook. f., Fl. Brit. India 6: 164. 1890.
Peninsular India.

Habenaria plantaginea Lindl., Gen. Sp. Orchid. 323. 1835; Hook. f., Fl. Brit. India 6: 141. 1890.
Throughout India.

Habenaria polyodon Hook. f., Fl. Brit. India 6: 139. 1890.

Habenaria fimbriata Wight, Ic. t. 1712. 1852 non R. Br. 1813.
S. India.

Habenaria polytricha Rolfe in Hook., Ic. Pl. t. 2496. 1896; Bruhl, Guide Orchid. Sikkim 187. 1926.
E. Himalaya.

Habenaria pubescens Lindl., Gen. Sp. Orchid. 322. 1835; Hook. f., Fl. Brit. India 6: 144. 1890.

Subtropical Himalaya.

Habenaria ramayyana Chary & J.J. Wood in Kew Bull. 36: 235, f. 1. 1981.

S. India.

Habenaria rariflora A. Rich. in Ann. Sci. Nat. 2, 15: 70, t. 2, D. 1841; Hook. f., Fl. Brit. India 6: 136. 1890.

Habenaria rariflora var. *latifolia* Blattl. & McC. in J. Bombay nat. Hist. Soc. 36: 17. 1932.

Peninsular India.

Habenaria reflexa Bl., Bijdr. 403. 1825.

Habenaria murtani Hook. f., Fl. Brit. India 6: 144. 1890.

Habenaria malleifera King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 313, t. 41L. 1898 non Hook. f., 1890.

E. Himalaya.

Habenaria reniformis (D. Don) Hook. f., Fl. Brit. India 6: 152. 1890.

Listera reniformis D. Don, Prodr. Fl. Nepal. 28. 1825.

N.E. India, C. Himalaya.

Habenaria richardiana Wight, Ic. t. 1713. 1851; Hook. f., Fl. Brit. India 6: 139. 1890.

S. India.

Habenaria roxburghii Nicolson in Saldanha & Nicolson, Fl. Hassan Dt. 834. 1976.

Orchis plantaginea Roxb., Pl. Cor. 1: 32, t. 37. 1795 non *Habenaria plantaginea* Lindl., 1835.

Orchis platyphyllus Willd., Sp. Pl. 4: 11. 1805 incl. *Orchis plantaginea* Roxb.

Orchis roxburghii Pers., Syn. Pl. 2: 503. 1807 incl. *Orchis plantaginea* Roxb.

Habenaria platyphylla Spr., Syst. Veg. 3: 690. 1826, incl. *Orchis plantaginea* Roxb; Wight, Ic. t. 1709. 1851; Hook. f., Fl. Brit. India 6: 140. 1890.

Peninsular, C. & E. India.

Habenaria seahaghrana A.N. Rao in J. Econ. Tax. Bot. 6: 223. 1985.

Habenaria stenopetala var. *polytricha* Hook. f. in Ann. Roy. Bot. Gard. Calcutta 5: 64, t. 96. 1895.

Habenaria polytricha (Hook.f.) Pradhan in Ind. Orchid. 1: 68. 1976 non Rolfe, 1896.

E. to C. Himalaya.

Habenaria stenopetala Lindl., Gen. Sp. Orchid. 319. 1835; Hook. f., Fl. Brit. India 6: 134. 1890.

Widespread in various parts of India.

Habenaria suaveolens Datz. in Hook., J. Bot. 2: 263. 1850; Hook. f., Fl. Brit. India 6: 140. 1890.

Peninsular India.

Habenaria trifurcata Hook. f., Fl. Brit. India 6: 148. 1890.

N.E. India.

Habenaria virens (Lindl.) Abeywick. in Ceylon J. Sci. Biol. Sci. 2(2): 151. 1959.

Ate virens Lindl., Gen. Sp. Orchid. 327. 1835.

Habenaria barbata Wight ex Hook. f., Fl. Brit. India 6: 133. 1890.

Peninsular to C. India.

Habenaria viridiflora (Swartz) R. Br., Prodr. 312. 1810; Wight, Ic. t. 1705. 1851; Hook. f., Fl. Brit. India 6: 150. 1890.

Orchis viridiflora Swartz in Act. Holm. 706. 1800.

Coeloglossum luteum Datz. in Hook., J. Bot. 2: 263. 1850.

Habenaria viridiflora var. *daltzei* Hook. f., Ic. Peninsular & E. India.

HEMIPILLIA Lindl., Gen. Sp. Orchid. 296. 1835.

Hemipillia cordifolia Lindl., Gen. Sp. Orchid. 296. 1835; Hook. f., Fl. Brit. India 6: 167. 1890.

W. to C. Temperate Himalaya.

HERMINIUM L., Opera varia 251. 1758.

Herminium angustilabre King & Pantl. in J. Asiat. Soc. Beng. 65: 131. 1896. E. Himalaya.

Herminium duthiei Hook. f., Fl. Brit. India 6: 130. 1890.

W. to C. Himalaya.

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Himalaya.
- Herminium josephi* Reichb. f. in Flora 55: 276. 1872; Hook. f., Fl. Brit. India 6: 129. 1890.
Himalaya.
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E. Himalaya.
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Temperate Himalaya, N.E. India.
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E. Himalaya.
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Temperate Himalaya.
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- Neottia macrophylla* D. Don, Prodr. Fl. Nepal. 27. 1825.
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Alpine Himalaya.
- Herminium monophyllum* (D. Don) P.F. Hunt & Summerh. in Kew Bull. 20: 51. 1966.
- Neottia monophylla* D. Don, Prodr. Fl. Nepal. 27. 1825.
- Herminium gramineum* Lindl., Gen. Sp. Orchid. 305. 1835; Hook. f., Fl. Brit. India 6: 131. 1890.
W. to C. Himalaya.
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- Ophrys monorchis* L., Sp. Pl. 947. 1753 ('*monochris*').
Alpine Himalaya.
- Herminium orbiculare* Hook. f., Fl. Brit. India 6: 130. 1890.
E. Himalaya.
- Herminium pugioniforme* Lindl. ex Hook. f., Fl. Brit. India 6: 130. 1890.
Alpine Himalaya.
- Herminium quilaquelobum* King & Pantl. in J. Asiat. Soc. Beng. 65: 130. 1896.
Himalaya.
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E. to C. Himalaya, N.E. India.
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N.E. India.
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N.E. India.
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Nicobar Islands.
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Andaman & Nicobar Islands.
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- Goodyera ovalifolia* Wight, Ic. t. 1730. 1851.
S. India.
- Hetaeria rubens* (Lindl.) Bth. in Bth. & Hook.

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E. Himalaya, N.E. India.
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Peninsular India, E. to C. Himalaya.
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Subtropical Himalaya, N.E. India.
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N.E. India.
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Tamil Nadu (Nilgiris).
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N.E. India.
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S. India.
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S. India.
- Liparis biloba* Wight, Ic. t. 1633. 1851; Hook. f., Fl. Brit. India 5: 699. 1890.
S. India.
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var. *bistrata*.
E. Himalaya, N.E. India.
- var. *robusta* Hook. f., Fl. Brit. India 5: 702. 1890.
N.E. India.
- Liparis hootanensis* Griff., Itin. Notes 98. 1848

& Notul. 3: 278. 1851; Hook. f., Fl. Brit. India 5: 700. 1890.

Liparis lancifolia Hook.f., l.c.

Liparis pachypus Par. & Reichb. f. in Trans. Linn. Soc. 30: 155. 1874; Hook. f., l.c. E. Himalaya, N.E. India.

Liparis caespitosa (Thouars) Lindl., Bot. Reg. 11, subt. 882. 1825; Seid. in Nord. J. Bot. 2: 20. 1982.

Mulaxis caespitosa Thouars, Orch. III, Afr. t. 89. 1822.

Liparis pusilla Ridl. in J. Linn. Soc. 22: 294. 1886; Hook. f., Fl. Brit. India 5: 701. 1890.

Liparis prainii Hook. f., l.c. 700.

Liparis dutiei Hook. f., l.c. 701.

Liparis obscura Hook. f., l.c. Himalaya, N.E. India.

Liparis campylostalix Reichb. f. in Linnaea 41: 43. 1877; Hook. f., Fl. Brit. India 5: 694. 1890. India (locality not known).

Liparis eatheartii Hook. f. in Hook., Ic. Pl. t. 1808. 1889 & Fl. Brit. India 5: 694. 1890. E. to C. Himalaya, N.E. India.

Liparis cordifolia Hook. f. in Hook., Ic. Pl. t. 1811. 1889 & Fl. Brit. India 5: 692. 1890. Himalaya, N.E. India.

Liparis deflexa Hook. f., Fl. Brit. India 5: 697. 1890. Himalaya.

Liparis delicatula Hook. f. in Hook., Ic. Pl. t. 1889. 1889 & Fl. Brit. India 5: 705. 1890. E. Himalaya, N.E. India.

Liparis dilatans C.B.Cl. in J. Linn. Soc. 25: 71, t. 29. 1889; Hook. f., Fl. Brit. India 5: 704. 1890. N.E. India.

Liparis downii Ridl. in J. Str. Br. Roy. As. Soc. 49: 27. 1907. Peninsular India.

Liparis elliptica Wight, Ic. t. 1735. 1852; Seid. in Dansk. Bot. Ark. 31: 79. 1976.

Liparis viridiflora sensu C.E.C. Fischer in Gamble, Fl. Pres. Madras 1411. 1928 (3: 987. 1967, Repr. ed.) p.p. non Lindl., 1830. S. India.

Liparis gamblei Hook. f. in Hook., Ic. Pl. t. 1812. 1889 & Fl. Brit. India 5: 693. 1890. E. Himalaya.

Liparis glossula Reichb. f. in Linnaea 41: 44. 1876; Hook. f., Fl. Brit. India 5: 693. 1890. Himalaya.

Liparis indrati Manilal & Sathish Kumar in Pl. Syst. Evol. 145: 155. 1984. Kerala.

Liparis khasiana (Hook. f.) Tang & Wang in Act. Phytotax. Sin. 1: 1. 1951.

Liparis bituberculata var. *khasiana* Hook. f., Fl. Brit. India 5: 696. 1890.

Liparis nervosa var. *khasiana* (Hook.f.) Sarkar in J. Econ. Tax. Bot. 5: 1008. 1984. N.E. India.

Liparis longicaulis King & Pantl. in J. Asiat. Soc. Beng. 65: 126. 1896. E. Himalaya.

Liparis luteola Lindl., Gen. Sp. Orchid. 32. 1830; Hook. f., Fl. Brit. India 5: 704. 1890. N.E. India.

Liparis macrocarpa Hook. f., Fl. Brit. India 5: 696. 1890. E. Himalaya, N.E. India.

Liparis mannii Reichb. f. in Flora 55: 275. 1872; Hook. f., Fl. Brit. India 5: 701. 1890.

Liparis tenuifolia Hook. f. in Hook., Ic. Pl. t. 2013. 1890 & Fl. Brit. India 6: 182. 1890. E. Himalaya, N.E. India.

Liparis nervosa (Thunb.) Lindl., Gen. Sp. Orchid. 26. 1830.

Ophrys nervosa Thunb., Fl. Japon. 27. 1784.

Cymbidium bituberculatum Hook., Exot. Fl. 2: t. 116. 1824.

Liparis bituberculata (Hook.) Lindl. in Edw., Bot. Reg. 11: subt. 882. 1825; Hook. f., Fl. Brit. India 5: 696. 1890.

Liparis daltzeilii Hook. f., l.c. 698. Widespread in Peninsular & N.E. India, Himalaya.

Liparis olivacea Lindl., Gen. Sp. Orchid. 27. 1830; Hara et al., Enum. Fl. Pl. Nepal 1: 47. 1978. Nepal.

- Liparis paradoxa* (Lindl.) Reichb. f. in Walp., Ann. 6: 218. 1861; Hook. f., Fl. Brit. India 5: 697. 1890.
- Empusa paradoxa* Lindl., Bot. Reg. 10, sub t. 825. 1824.
- Liparis nervosa* sensu C.E.C. Fischer in Gamble, Fl. Pres. Madras 1410. 1928 (3: 987. 1967, Repr. ed.) p.p. non Lindl., 1830.
Widespread in India.
- Liparis perpusilla* Hook. f. in Hook., Ic. Pl. t. 1856 B. 1889 & Fl. Brit. India 5: 706. 1890.
- Liparis togashii* Tuyama ex Hara, Fl. E. Himal. 441, 1966.
Temperate & subtropical Himalaya.
- Liparis petiolata* (D. Don) P.F. Hunt & Summerh. in Kew Bull. 20: 52. 1966.
- Acianthus petiolata* D. Don, Prodr. Fl. Nepal. 29. (Feb.) 1825.
- Liparis nepalensis* Lindl., Bot. Reg. sub t. 882. (Apr.) 1825; Hook. f., Fl. Brit. India 5: 693. 1890.
- Liparis pulchella* Hook. f. in Hook., Ic. Pl. t. 1810. 1889 & Fl. Brit. India 5: 693. 1890.
Himalaya, N.E. India.
- Liparis plantaginea* Lindl., Gen. Sp. Orchid. 29. 1830; Hook. f., Fl. Brit. India 5: 702. 1890.
E. Himalaya, N.E. India.
- Liparis platyphylla* Ridl. in J. Linn. Soc. 22: 265. 1886; Hook. f., Fl. Brit. India 5: 695. 1890.
S. India.
- Liparis platyrachis* Hook. f. in Hook., Ic. Pl. t. 1890. 1889 & Fl. Brit. India 5: 706. 1890.
Himalaya.
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- Liparis flavo-viridis* Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 260. 1931.
Peninsular India.
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E. Himalaya.
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- Liparis ridleyi* Hook. f. in Hook., Ic. Pl. t. 1887. 1889 & l.c.
Himalaya, N.E. India.
- Liparis rostrata* Reichb. f. in Linnæa 41: 44. 1877; Hook. f., Fl. Brit. India 5: 694. 1890.
- Liparis diodon* Reichb. f., l.c. 43; Hook. f., l.c. 693.
Temperate Himalaya.
- Liparis rupestris* Griff., Notul. 3: 276. 1851; Hook. f., Fl. Brit. India 5: 692. 1890.
N.E. India.
- Liparis stricklandiana* Reichb. f. in Gard. Chron. 1: 232. 1880; Hook. f., Fl. Brit. India 5: 707. 1890.
- Liparis griffithii* Ridl. in J. Linn. Soc. 22: 285. 1886; Hook. f., l.c. 700.
- Liparis dolabella* Hook. f., l.c. 6: 183. 1890.
E. Himalaya, N.E. India.
- Liparis torta* Hook. f. in Hook., Ic. Pl. t. 2014. 1890 & Fl. Brit. India 6: 182. 1890.
N.E. India.
- Liparis vestita* Reichb. f. in Flora 55: 274. 1872; Hook. f., Fl. Brit. India 5: 703. 1890.
ssp. *vestita*.
N.E. India.
- ssp. *seidenfadentl* S. Misra in Nord. J. Bot. 6: 26, f. 1. 1986.
Orissa.
- Liparis viridiflora* (Bl.) Lindl., Gen. Sp. Orchid. 31. 1830; Hook. f., Fl. Brit. India 5: 704. 1890.
- Malaxis viridiflora* Bl., Bijdr. 392, t. 54. 1825.
- Liparis longipes* Lindl. in Wall., Pl. As. Rar. 1: 31, t. 35. 1829; Wight, Ic. t. 906. 1844-45; Hook. f., l.c. 703.
- Liparis stachyurus* Reichb. f. in Flora 55: 274. 1872.
S. & N.E. India, Temperate Himalaya.
- Liparis walkeriae* Graham in Edinb. New Philos. J. 20: 194. 1836; Hook. f., Fl. Brit. India 5: 698. 1890.
S. India.
- Liparis wightiana* Thw., Enum. Pl. Zeyl. 295. 1861; Hook. f., Fl. Brit. India 5: 695. 1890.
- Liparis atropurpurea* Wight, Ic. t. 904. 1844-45. non Lindl., 1830.
S. India.

Liparis wrayii Hook. f., Fl. Brit. India 6: 181. 1890; Joseph & Abbareddy in Bull. Bot. Surv. India 22: 183. (1980) 1982.
E. Himalaya.

LISTERA R. Br. in W. & W.T. Ait., Hort. Kew. ed. 2. 5: 201. 1813 (nom. cons.).

Listera alternifolia King & Pantl. in J. Asiat. Soc. Beng. 65: 126. 1896.
E. Himalaya.

Listera brevicaulis King & Pantl. in J. Asiat. Soc. Beng. 65: 126. 1896.
E. Himalaya.

Listera dentata King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 257. 1898.
E. Himalaya.

Listera divaricata Panigr. & P. Taylor in Kew Bull. 30: 559. 1975.
E. Himalaya.

Listera longicaulis King & Pantl. in J. Asiat. Soc. Beng. 65: 126. 1896.
Himalaya.

Listera micrantha Lindl. in J. Linn. Soc. 1: 176. 1857; Hook. f., Fl. Brit. India 6: 104. 1890.
E. Himalaya.

Listera nandadeviensis Hajra in Bull. Bot. Surv. India 25: 181, f. 1. (1983) 1985.
W. Himalaya.

Listera nepalensis Balakr. in Blumea 14: 237, f. 1. 1966.
Nepal.

Listera ovata (L.) R. Br. in Ait., Hort. Kew. ed. 2. 5: 201. 1813; Hook. f., Fl. Brit. India 6: 104. 1890.

Ophrys ovata L., Sp. Pl. 946. 1753.
W. Himalaya.

Listera pinetorum Lindl. in J. Linn. Soc. 1: 175. 1857; Hook. f., Fl. Brit. India 6: 104. 1890.

Listera mucronata Panigr. & J. J. Wood in Kew Bull. 29: 731. 1974.
Himalaya.

Listera tenuis Lindl. in J. Linn. Soc. 1: 176. 1857; Hook. f., Fl. Brit. India 6: 104. 1890.
Himalaya.

LOXOMA Garay in Bot. Mus. Leaflet. Harvard Univ. 23: 183. 1972.

SMITHSONIA Saldanha in J. Bombay nat. Hist. Soc. 71: 73. 1974, p.p.

Loxoma maculata (Dalz.) Garay in Bot. Mus. Leaflet. Harvard Univ. 23: 184. 1972.

Micropera maculata Dalz. in Hook., J. Bot. 3: 282. 1851.

Sarcochilus maculatus (Dalz.) Pfitz., Vergl. Morph. Orch. 15. 1881.

Saccolabium maculatum (Dalz.) Hook. f., Fl. Brit. India 6: 64. 1890.

Gastrochilus maculatus (Dalz.) O. Ktze., Rev. Gen. Pl. 2: 661. 1891.

Smithsonia maculata (Dalz.) Saldanha, l.c. 74.
Peninsular India.

Loxoma straminea (Saldanha) U.C. Pradhan in Ind. Orchid. 2: 522. 1979.

Smithsonia straminea Saldanha in J. Bombay nat. Hist. Soc. 71: 73. 1974.
Peninsular India.

LUISIA Gaud. in Freyc., Voy. Monde, Ura. Phys. Bot. 426. 1829 ('1826').

Luisia abrahami Vatsala, Intr. Orchid. S. India 489. 1981.
S. India.

Luisia arnesiana Rolfe in Kew Bull. 1893: 172. 1893.
Andaman Islands.

Luisia birchea Bl., Rumph. 4: 50. 1849; Scid. in Dansk. Bot. Ark. 27: 35. 1971.

Luisia tenuifolia sensu Hook. f., Fl. Brit. India 6: 24. 1890 non (L.) Bl., 1848.

Luisia pseudotenuifolia Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 492. 1932.

Luisia evangelinae Blatt. & McC. l.c. 493, t. 11.

Luisia tenuifolia var. *evangelinae* (Blatt. & McC.) Sant. & Kap., *ibid.* 59: 829. 1962.

Luisia birchea var. *evangelinae* (Blatt. & McC.) Sarkar in J. Econ. Tax. Bot. 5: 1008. 1984.

- Peninsular, E. & N.E. India, E. Himalaya.
- Luisia brachystachys* (Lindl.) Bl., Rumph. 4: 50. 1849; Hook. f., Fl. Brit. India 6: 23. 1890.
- Luisia indivisa* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 210. 1898.
Tropical Himalaya, E. & N.E. India.
- Luisia filiformis* Hook. f., Fl. Brit. India 6: 23. 1890; S. Misra in Bull. Bot. Surv. India 22: 154. (1980) 1982.
- Luisia grovesii* Hook. f., l.c. 25.
E. Himalaya, E. & N.E. India.
- Luisia macrantha* Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 492, t. 10. 1932.
Peninsular India.
- Luisia macrotis* Reichb. f. in Gard. Chron. 1110. 1869; Hook. f., Fl. Brit. India 6: 24. 1890.
N.E. India.
- Luisia micrantha* Hook. f., Fl. Brit. India 6: 23. 1890.
N.E. India.
- Luisia microptera* Reichb. f. in Gard. Chron. 1503. 1870; Hook. f., Fl. Brit. India 6: 25. 1890.
N.E. India.
- Luisia primulina* Pat. & Reichb. f. in Trans. Linn. Soc. 30: 144. 1874; S. Misra in Bull. Bot. Surv. India 22: 154. (1980) 1982.
E. India.
- Luisia psyche* Reichb. f. in Bot. Zeit. 98. 1863; Hook. f., Fl. Brit. India 6: 24. 1890.
N.E. India.
- Luisia pulchra* Vatsala, Intr. Orchid. S. India 487. 1981.
S. India.
- Luisia trichorhiza* (Hook.) Bl., Mus. Bot. 1: 63. 1849; Hook. f., Fl. Brit. India 6: 23. 1890.
- Vanda trichorhiza* Hook., Exot. Fl. 1: t. 72. 1823.
Tropical Himalaya, E. India.
- Luisia volucris* Lindl., Fol. Orchid. 1. 1852; Hook. f., Fl. Brit. India 6: 25. 1890.
E. Himalaya, N.E. India.
- Luisia zeylanica* Lindl., Fol. Orchid. Luisia 3. 1853; Seid. in Dansk. Bot. Ark. 27(4): 62. 1971.
- Luisia teretifolia* sensu Hook. f., Fl. Brit. India 6: 22. 1890 non Claud. 1829.
- Cymbidium triste* Wight, Ic. t. 911. 1845.
- Cymbidium teretifolium* Wight, l.c. t. 1689. 1851.
- Luisia truncata* Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 491. 1932.
Widespread in India.
- Luisia zollingeri* Reichb. f. in Walp., Ann. 6: 622. 1862.
Andaman & Nicobar Islands.
- MALAXIS Soland. ex Swartz, Prodr. 8: 119. 1788.
- Malaxis acuminata* D. Don, Prodr. Fl. Nepal. 29. 1825.
- Microstylis wallichii* Lindl., Gen. Sp. Orchid. 20. 1830; Hook. f., Fl. Brit. India 5: 686. 1888.
- f. *acuminata*.
Widespread in India.
- f. *biloba* (Lindl.) Tuyama in Hara, Fl. E. Himal. 443. 1966.
- Microstylis biloba* Lindl., Gen. Sp. Orchid. 20. 1830.
- Microstylis wallichii* var. *biloba* (Lindl.) Hook. f., l.c.
Himalaya, N.E. India.
- Malaxis andamanica* (King & Pantl.) Balakr. & Vasud. in Bull. Bot. Surv. India 21: 177. 1979.
- Microstylis andamanica* King & Pantl. in J. Asiat. Soc. Beng. 66: 582. 1893.
- Microstylis wallichii* sensu Hook. f., Fl. Brit. India 5: 686. 1888 (*quoad Andaman Specim.*) non Lindl. 1830.
- Microstylis baurita* sensu Hook. f., l.c. 687. (*quoad Andaman Specim.*) non Lindl. 1830.
Andaman Islands.
- Malaxis aphylla* (King & Pantl.) Teng & Wang in Act. Phytotax. Sin. 1: 1. 1951.
- Microstylis aphylla* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 18. 1898.
E. Himalaya.
- Malaxis baurita* (Lindl.) O. Ktze., Rev. Gen. Pl. 673. 1891.

Microstylis biaurita Lindl., Gen. Sp. Orchid. 30. 1830 (excl. Andaman specimens).
N. W. Himalaya, N.E. India.

Malaxis calophylla (Reichb. f.) O. Ktze., Rev. Gen. Pl. 2: 673. 1891.

Microstylis calophylla Reichb. f. in Gard. Chron. 2: 718. 1879.

Microstylis scottii Hook. f., Fl. Brit. India 5: 687. 1890.

Microstylis wallichii var. *brachycheila* Hook. f., l.c. 686.

E. Himalaya.

Malaxis crenulata (Ridl.) O. Ktze., Rev. Gen. Pl. 2: 673. 1891.

Microstylis crenulata Ridl. in J. Linn. Soc. 24: 346. 1888.
S. India.

Malaxis cylindrostachya (Lindl.) O. Ktze., Rev. Gen. Pl. 2: 673. 1891.

Dienia cylindrostachya Lindl., Gen. Sp. Orchid. 22. 1830.

Microstylis cylindrostachya (Lindl.) Reichb. f. in Walp., Ann. 6: 207. 1861; Hook. f., Fl. Brit. India 5: 689. 1890.

Temperate Himalaya, C. India.

Malaxis densiflora (A. Rich.) O. Ktze., Rev. Gen. Pl. 2: 673. 1891.

Liparis densiflora A. Rich. in Ann. Sci. Nat. 2, 15: 18, t. 18. 1841.

Microstylis versicolor Wight, l.c. t. 901. 1844 non Lindl. 1830; Hook. f., Fl. Brit. India 5: 691. 1890.

Microstylis luteola Wight, l.c. t. 1632. 1852.

Microstylis versicolor var. *luteola* (Wight) Hook. f., l.c.

Malaxis densiflora var. *luteola* (Wight) Sarkar in J. Econ. Tax. Bot. 5: 1008. 1984.

Peninsular India.

Malaxis intermedia (A. Rich.) Seid. in Bot. Tidkr. 73(2): 99. 1978.

Liparis intermedia A. Rich. in Ann. Sci. Nat. 2, 15: 17. 1841.

Microstylis stocksii Hook. f., Fl. Brit. India 5: 691. 1890.

Malaxis stocksii (Hook. f.) O. Ktze., Rev. Gen. Pl. 2: 673. 1891.
Peninsular India.

Malaxis josephiana (Reichb. f.) O. Ktze., Rev. Gen. Pl. 2: 673. 1891.

Microstylis josephiana Reichb. f. in Bot. Mag. t. 6325. 1877; Hook. f., Fl. Brit. India 5: 687. 1890.

Tropical E. Himalaya.

Malaxis khasiana (Hook. f.) O. Ktze., Rev. Gen. Pl. 673. 1891.

Microstylis khasiana Hook. f., Fl. Brit. India 5: 686. 1888.

E. Himalaya, N.E. India.

Malaxis latifolia J.E. Sm. in Rees, Cyclop. 22, no. 3. 1819.

Dienia congesta Lindl., Bot. Reg. sub t. 825. 1827 & Gen. Sp. Orchid. 22. 1830.

Microstylis congesta (Lindl.) Reichb. f. in Walp., Ann. 6: 206. 1861; Hook. f., Fl. Brit. India 5: 689. 1890.

Microstylis latifolia (J.E. Sm.) J.J. Sm., Fl. Buit. 6: 248, t. 185. 1905.

Widespread in India.

Malaxis mackinnonii (Duthie) Ames, Orch. 6: 289. 1920.

Microstylis mackinnonii Duthie in J. Asiat. Soc. Beng. 71: 37. 1902.

Microstylis cardonii Prain, Bengal Pl. 1004. 1903 (2: 754. 1963, Repr. ed.).

E. & N. India, Himalaya.

Malaxis maximowicziana (King & Pantl.) Tang & Wang in Act. Phytotax. Sin. 1: 1. 1951.

Microstylis maximowicziana King & Pantl. in J. Asiat. Soc. Beng. 64: 329. 1895.

E. Himalaya, N.E. India.

Malaxis muscifera (Lindl.) O. Ktze., Rev. Gen. Pl. 2: 673. 1891.

Dienia muscifera Lindl., Gen. Sp. Orchid. 23. 1830.

Microstylis muscifera (Lindl.) Ridl. in J. Linn. Soc. 24: 333. 1888; Hook. f., Fl. Brit. India 5: 689. 1890.

Temperate Himalaya.

Malaxis purpurea (Lindl.) O. Ktze., Rev. Gen.

Pl. 2: 763. 1891.

Microstylis purpurea Lindl., Gen. Sp. Orchid. 20. 1830.

Microstylis wallichii var. *biloba* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 16, t. 19. 1898 non *Microstylis biloba* Lindl., 1830. E. Himalaya.

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Sarcochilus mannii Hook. f., Fl. Brit. India 6: 36. 1890. E. Himalaya, N.E. India.

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Subtropical Himalaya, N.E. India.

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Nord. J. Bot. 2: 21. 1982.

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Gard. Calcutta 9: 153. 1906.
W. Himalaya.

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Himal. 368. 1839; Hook. f., Fl. Brit. India 6:
103. 1890.

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Bot. Gard. Calcutta 8: 259, t. 343. 1898.
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Himalaya.

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Pl. Nepal 1: 49. 1978.

Orchis cucullata L., Sp. Pl. 939. 1753.
Nepal.

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Fedde, Repert. 16: 291. 1919.

Habenaria secundiflora Hook. f., Fl. Brit. India
6: 165. 1890 p.p.
Himalaya.

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8: 372. 1825.

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J. Linn. Soc. 3: 23. 1859; Hook. f., Fl. Brit.
India 5: 818. 1890.

Citharis cordifolia Lindl., Gen. Sp. Orchid. 129.
1831.
E. Himalaya, N.E. India.

Nephelaphyllum nudum Hook. f., Fl. Brit.
India 6: 192. 1890.
E. Himalaya.

Nephelaphyllum sikkimensis (Hook. f.) Karthik.
stat. nov.

Nephelaphyllum pulchrum Bl. var. *sikkimensis*
Hook. f., Fl. Brit. India 5: 819. 1890.
E. Himalaya.

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Malaysian element; as the E. Himalayan variety

deserves specific status it is being raised here.

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Nervilla aragoana Gaud. in Freyc., Voy. Bot. 422, t. 35. 1829.

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Throughout India except N.W.

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W. Himalaya.

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E. India.

Nervilla gammieana (Hook. f.) Schltr. in Engl. Bot. Jahrb. 45: 404. 1911.

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Tropical Himalaya.

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S. India.

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E. Himalaya.

Nervilla infundibulifolia Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 725, t. 3. 1932.

Nervilia hallbergii Blatt. & McC., l.c. 726.
Peninsular India, Himalaya.

Nervilia julliana (Roxb.) Schltr. in Engl. Bot. Jahrb. 45: 402. 1911.

Epipactis juliana Roxb., Fl. Ind. 3: 453. 1832.

Pogonia julliana (Roxb.) Lindl.; Hook. f., Fl. Brit. India. 6: 119. 1890.
Peninsular, E. & N.E. India.

Nervilla mackinnonii (Duthie) Schltr. in Engl. Bot. Jahrb. 45: 402. 1911.

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W. Himalaya.

Nervilla macroglossa (Hook. f.) Schltr. in Engl. Bot. Jahrb. 45: 403. 1911.

Pogonia macroglossa Hook. f., Fl. Brit. India 6: 120. 1890 & in Hook., l.c. Pl. t. 2195a. 1894.
E. Himalaya, N.E. India.

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Arethusa plicata Andr., Bot. Rep. t. 321. 1802.

Cordyla discolor Bl., Bijdr. 417. 1825.

Pogonia plicata (Andr.) Lindl., Gen. Sp. Orchid. 415. 1840; Hook. f., Fl. Brit. India 6: 119. 1890.

Pogonia biflora Wight, l.c. t. 1758. 1851.

Nervilia discolor (Bl.) Schltr., l.c.

Nervilia biflora (Wight) Schltr., l.c.
Throughout India except N.W. India.

Nervilia prainiana (King & Pantl.) Seid. & Smit., Orch. Thailand 730. 1964.

Pogonia prainiana King & Pantl. in J. Asiat. Soc. Beng. 65: 129. 1896.

Nervilia monantha Blatt. in J. Bombay nat. Hist. Soc. 35: 724. 1932.

Peninsular & N.E. India, Himalaya.

Nervilia punctata (Bl.) Makino in Bot. Mag. Tokyo 16: 199. 1902; Balakr. & Chakrab. in Bull. Bot. Surv. India 20: 83. (1978) 1979; S. Misra, *ibid.* 22: 147. (1980) 1982.

Pogonia punctata Bl., Mus. Bot. Lugd.-Bat. 1: 32. 1849 & Coll. Orch. 150, t. 48, 54. 1858.
E. India, Great Nicobar Islands.

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- Pogonia scottii* Reichb. f. in Flora 55: 276. 1872; Hook. f., Fl. Brit. India 6: 120. 1890.
E. to C. Himalaya.
- OBERONIA** Lindl., Gen. Sp. Orchid. 15. 1830 (nom. cons.).
- Oberonia acaulis* Griff., Notul. 3: 275. 1851.
- Oberonia myriantha* Lindl., Fol. Orchid. Oberon. 4. 1859; Hook. f., Fl. Brit. India 5: 679. 1888.
- Oberonia sikkimensis* Lindl., l.c.
Subtropical Himalaya, N.E. India.
- Oberonia anamalayana* Joseph in J. Indian Bot. Soc. 42: 222. 1964.
S. India.
- Oberonia angustifolia* Lindl., Fol. Orchid. Oberon. 5. 1859; Hook. f., Fl. Brit. India 5: 684. 1888.
E. Himalaya, N.E. India.
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E. Himalaya.
- Oberonia auriculata* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 13. 1898.
E. Himalaya.
- Oberonia bellii* Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 256, f. 1. 1931.
S. India.
- Oberonia bicornis* Lindl., Gen. Sp. Orchid. 16. 1830; Hook. f., Fl. Brit. India 5: 682. 1888.
- Oberonia umbonata* Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 259. 1911.
S. & N.E. India.
- Oberonia blanceata* Manjal & Sathiah Kumar in Kew Bull. 39: 121, f. 1. 1984.
S. India.
- Oberonia brachyphylla* Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 257, t. 2. 1931.
S. India.
- Oberonia brachystachya* Lindl., Ser. Orch. subf. 8. 1838; Hook. f., Fl. Brit. India 5: 677. 1888.
- Oberonia demissa* Lindl., Fol. Orchid. Oberon. 4. 1859.
E. Himalaya.
- Oberonia brunoniana* Wight, Ic. t. 1622. 1852; Hook. f., Fl. Brit. India 5: 681. 1888.
Peninsular India.
- Oberonia caulescens* Lindl., Fol. Orchid. 15. 1830; Hook. f., Fl. Brit. India 5: 682. 1888.
- Malaxis caulescens* (Lindl.) Reichb. f. in Walp., Ann. Bot. 6: 215. 1861.
- Oberonia longilabris* King & Pantl. in J. Asiat. Soc. Beng. 64: 330. 1895.
Himalaya, N.E. India.
- Oberonia chandrasekharanii* V.J.Nair, Ramachandran & R. Ansari in Blumea 28: 361, f. 1. 1983.
S. India.
- Oberonia clarkii* Hook. f. in Hook., Ic. Pl. t. 1779 A. 1888 & Fl. Brit. India 5: 676. 1888.
N.E. India.
- Oberonia emarginata* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 6. 1898.
- Oberonia micrantha* King & Pantl., l.c.
E. Himalaya, N.E. India.
- Oberonia ensiformis* (J.E. Sm.) Lindl., Fol. Orchid. Oberon. 4. 1859; Hook. f., Fl. Brit. India 5: 679. 1888.
- Malaxis ensiformis* J.E. Sm. in Rees, Cyclop. 22: 14. 1812.
Almost throughout India.
- Oberonia falcata* King & Pantl. in J. Asiat. Soc. Beng. 64: 329. 1895.
E. to C. Himalaya, N.E. India.
- Oberonia falconeri* Hook. f. in Hook., Ic. Pl. t. 1780. 1888 & Fl. Brit. India 5: 678. 1888.
Almost throughout India.
- Oberonia gammiel* King & Pantl. in J. Asiat. Soc. Beng. 66: 578. 1897.
Peninsular & E. India.
- Oberonia griffithiana* Lindl., Ser. Orch. t. 8 B. 1838; Hook. f., Fl. Brit. India 5: 676. 1888.
W. Himalaya.
- Oberonia iridifolia* Lindl., Gen. Sp. Orchid. 15. 1830; Hook. f., Fl. Brit. India 5: 675. 1888.

- var. *iridifolia*.
Almost throughout India.
- var. *angustifolia* Hook. f., Fl. Brit. India 5: 676. 1888.
N.E. India.
- var. *brevifolia* Hook. f., Fl. Brit. India 5: 676. 1888.
Andaman and Nicobar Islands.
- var. *denticulata* (Wight) Hook. f., Fl. Brit. India 5: 676. 1888.
- Oberonia denticulata* Wight, Ic. t. 1625. 1851.
S. India.
- Oberonia jenkinsiana* Griff. ex Lindl., Fol. Orchid. 20. 1859; Hook. f., Fl. Brit. India 5: 676. 1888.
E. Himalaya, N.E. India.
- Oberonia josephi* Saldanha in Indian Forester 100: 569, t. 2. 1974.
S. India.
- Oberonia lobulata* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 4. 1898.
E. Himalaya.
- Oberonia longibracteata* Lindl., Gen. Sp. Orchid. 15. 1830; Hook. f., Fl. Brit. India 5: 678. 1888; N.C. Nair *et al.* in J. Econ. Tax. Bot. 3: 623. 1982.
S. India.
- Oberonia maunil* Hook. f., Fl. Brit. India 6: 180. 1890.
E. Himalaya, N.E. India.
- Oberonia maxima* Par. ex Hook. f., Fl. Brit. India 5: 677. 1888; Deori & Hajra in Bull. Bot. Surv. India 17: 171. 1978.
E. Himalaya, N.E. India.
- Oberonia myosurus* (Forst. f.) Lindl., Gen. Sp. Orchid. 16. 1830; Hook. f., Fl. Brit. India 5: 685. 1888.
- Epidendrum myosurus* Forst. f., Flot. Ins. Austr. Prodr. 60. 1786.
W. to C. Himalaya.
- Oberonia obcordata* Lindl., Fol. Orchid. 43. 1859; Hook. f., Fl. Brit. India 5: 684. 1888.
- Oberonia treutleri* Hook. f., Lc. 683.
- var. *obcordata*.
E. Himalaya, N.E. India.
- var. *bracteata* Hook. f., Fl. Brit. India 5: 684. 1888.
E. Himalaya.
- Oberonia orbicularis* Hook. f., Fl. Brit. India 5: 677. 1888.
E. Himalaya.
- Oberonia pachyphylla* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: t. 3. 1898.
- Oberonia crassirachis* Guill. in Bull. Mus. Paris, 2, 35: 648. 1963.
E. Himalaya.
- Oberonia pachyrachis* Reichb. f. ex Hook. f., Fl. Brit. India 5: 681. 1888.
Tropical Himalaya, N.E. India.
- Oberonia platycaulon* Wight, Ic. t. 1623. 1852; Hook. f., Fl. Brit. India 5: 682. 1888.
Peninsular India.
- Oberonia prainiana* King & Pantl. in J. Asiat. Soc. Beng. 64: 331. 1895.
Himalaya.
- Oberonia proudlockii* King & Pantl. in J. Asiat. Soc. Beng. 66: 580. 1897.
- Oberonia sedgwickii* Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 287. 1931.
- Oberonia pyrullifera* Lindl., Fol. Orchid. (Oberonia No. 15) 2. 1853; Hook. f., Fl. Brit. India 5: 678. 1888.
E. Himalaya, N.E. India.
- Oberonia rangannalana* Keshav., Yog. & Vasudevan Nair in Curr. Sci. 56: 621, F. 5. 1987.
Karnataka.
- Oberonia recurva* Lindl. in Bot. Reg. Misc. No. 8. 1839; Hook. f., Fl. Brit. India 5: 680. 1888.
- Oberonia parvula* King & Pantl. in J. Asiat. Soc. Beng. 64: 330. 1895.
- Oberonia croftiana* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 7. 1898.
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- Oberonia recurva* var. *lingmalensis* (Blatt. & McC.) Sant. & Kap. in J. Bombay nat. Hist. Soc. 57: 259. 1960.
Peninsular India.
- Oberonia ritall* King & Pantl. in J. Asiat. Soc. Beng. 66: 579. 1897.

N.E. India.

Oberonia rufifabris Lindl., Sert. Orch. t. 8 A. 1838; Hook. f., Fl. Brit. India 5: 686. 1888; Prain, Bengal Pl. 2: 754. 1963 (Repr.ed.). E. India, E. to C. Himalaya.

Oberonia santapauli Kap. in J. Bombay nat. Hist. Soc. 57: 265. 1960.

Oberonia lindleyana Wight, Ic. t. 1624. 1851 non Brongn. ex Duperr. 1834; Hook. f., Fl. Brit. India 5: 681. 1888. Peninsular India.

Oberonia sebastiana Shetty & Vivek. in Bull. Bot. Surv. India 17: 157. (1975) 1978. S. India.

Oberonia seldenfadeniana Joseph & Vajr. in Bull. Bot. Surv. India 13: 344. 1971. S. India.

Oberonia sulcata Joseph & Chowdhury in J. Bombay nat. Hist. Soc. 63: 54. 1966. E. Himalaya.

Oberonia tenuis Lindl., Pol. Orchid. Oberonia 3. 1859; Hook. f., Fl. Brit. India 5: 682. 1888; Henry & Swamin. in Ind. J. For. 5: 79. 1982. S. India.

Oberonia thwaitesii Hook. f., Fl. Brit. India 5: 678. 1888; Manilal & Sathish Kumar in Curr. Sci. 53: 1106, f. 1. 1984. S. India.

Oberonia verticillata Wight, Ic. t. 1626. 1852; Hook. f., Fl. Brit. India 5: 677. 1888.

Oberonia verticillata var. *longibracteata* Blatt. & McC. in J. Bombay nat. Hist. Soc. 35: 255. 1931.

Oberonia spiralis Blatt. & McC. l.c. 256 non Griff. 1851 nec Lindl., 1852. Peninsular India.

Oberonia wallichii Hook. f., Fl. Brit. India 5: 681. 1888. E. India.

Oberonia wightiana Lindl. in Edw., Bot. Reg. 25, misc. 9. 1839; Hook. f., Fl. Brit. India 5: 683. 1888.

var. *wightiana*
Peninsular India, N.W. Himalaya.

var. *arnottiana* (Wight) R. Ansari, N.C. & V.J. Nair in J. Econ. Tax. Bot. 3: 118. 1982.

Oberonia arnottiana Wight, Ic. t. 1628. 1851. S. India.

var. *nigritensis* R. Ansari, N.C. & V.J. Nair in J. Econ. Tax. Bot. 3: 118. 1982. S. India.

Oberonia zeylanica Hook. f. in Hook., Ic. Pl. t. 1782 A. 1888 & Fl. Brit. India 5: 680. 1888; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1406. 1928 (3: 984. 1967, Repr. ed.). S. India.

ORCHIS L., Sp. Pl. 939. 1753.

Orchis graggeriana Soo in J. Bot. London 66: 15. 1928, W. Himalaya.

OREORCHIS Lindl. in J. Proc. Linn. Soc. 3: 26. 1858.

Oreorchis foliosa (Lindl.) Lindl. in J. Proc. Linn. Soc. 3: 27. 1858; Hook. f., Fl. Brit. India 5: 709. 1890.

Corallophiza foliosa Lindl., Gen. Sp. Orchid. 535. 1840. Temperate Himalaya.

Oreorchis indica (Lindl.) Hook. f., Fl. Brit. India 5: 709. 1890.

Corallophiza indica Lindl. in J. Linn. Soc. 3: 26. 1858. Temperate W. Himalaya.

Oreorchis micrantha Lindl. in J. Linn. Soc. 3: 27. 1858; Hook. f., Fl. Brit. India 5: 709. 1890. Temperate Himalaya, N.E. India.

Oreorchis porphyranthes Tuyama in J. Jap. Bot. 50: 69, f. 2. 1975. C. Himalaya.

Oreorchis rufei Duthie in J. Asiat. Soc. Beng. 71: 38. 1902. W. Himalaya.

ORNITHOCHILUS (Lindl.) Wall. ex Bth. in Bth. & Hook. f., Gen. Pl. 3: 478, 581. 1883.

Ornithochilus difformis (Wall. ex Lindl.) Schltr. in Fedde, Repert. 4: 277. 1919.

Aerides difformis Wall. ex Lindl., Gen. Sp. Orchid. 242. 1833.

Ornithochilus fuscus Wall. ex Hook. f., Fl. Brit. India 6: 76. 1890.

Tropical Himalaya, N.E. India.

OTOCHILUS Lindl., Gen. Sp. Orchid. 35. 1830.

Otochilus albus Lindl., Gen. Sp. Orchid. 35. 1830; Hook. f., Fl. Brit. India 5: 843. 1890.
Tropical Himalaya, N.E. India.

Otochilus fuscus Lindl., Gen. Sp. Orchid. 35. 1830; Hook. f., Fl. Brit. India 5: 844. 1890.
Subtropical & temperate Himalaya, N.E. India.

Otochilus lanellatus Seid. in Bot. Tidssk. 71: 13. 1976.

Otochilus porrecta sensu Hook. f., Fl. Brit. India 5: 844. 1890 *p.p. non* Lindl. 1830.
Subtropical & temperate Himalaya.

Otochilus porrecta Lindl., Gen. Sp. Orchid. 36. 1830; Hook. f., Fl. Brit. India 5: 844. 1890, *p.p.*
Subtropical & temperate Himalaya, N.E. India.

PACHYSTOMA Bl., Bijdr. 6: t. 3, f. 29; 8: 376. 1825.

Pachystoma senile (Lindl.) Reichb. f. in Bonplandia 3: 250. 1858; Hook. f., Fl. Brit. India 5: 812. 1890.

Apaturia senilis Lindl., Gen. Sp. Orchid. 130. 1831.

Apaturia lindleyana Wight, Ic. t. 1662. 1851.
Throughout India except N.W.

PANISEA (Lindl.) Lindl., Fol. Orchid. 5. 1854 (*nom. cons.*).

COELOGYNE sect. **PANISEA** Lindl., Gen. Sp. Orchid. 44. 1830.

Panisea demissa (D. Don) Pfitz. in Engl., Pflanzenz. 32: 141, t. 49. 1907.

Dendrobium demissum D. Don, Prodr. Fl. Nepal. 34. 1825.

Coelogyne parviflora Lindl., Gen. Sp. Orchid. 44. 1830.

Panisea parviflora (Lindl.) Lindl., Fol. Orchid. 1. 1854; Hook. f., Fl. Brit. India 5: 783. 1890.
Subtropical E. to C. Himalaya, N.E. India.

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E. Himalaya, N.E. India.

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N.E. India.

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Cypripedium charlesworthii Rolfe in Orchid Rev. 1: 303. 1893.
N.E. India.

Paphiopedilum druryi (Bedd.) Stein, Orchideenbuch 466. 1892; Cribb in Curtis' Bot. Mag. 182: 65, t. 764, f. 1. 1978.

Cypripedium druryi Bedd., Ic. Pl. Ind. Or. 1: 23, t. 112. 1874; Hook. f., Fl. Brit. India 6: 172. 1890.
S. India.

Paphiopedilum fairleanum (Lindl.) Stein, Orchideenbuch 467. 1892; Cribb in Kew Mag. 2: 354. 1985.

Cypripedium fairleanum Lindl. in Gard. Chron. 740. 1857; Hook. f., Fl. Brit. India 6: 173. 1890.
E. Himalaya, N.E. India.

Paphiopedilum hirsutissimum (Lindl. ex Hook.) Stein, Orchideenbuch 470. 1892.

Cypripedium hirsutissimum Lindl. ex Hook. in Bot. Mag. t. 4990. 1857; Hook. f., Fl. Brit. India 6: 171. 1890.
N.E. India.

Paphiopedilum insigne (Wall. ex Lindl.) Pfitz. in Engl., Bot. Jahrb. 19: 41. 1894.

Cypripedium insigne Wall. ex Lindl., Coll. Bot. t. 32. 1825.
E. Himalaya, N.E. India.

Paphiopedilum spicarianum (Reichb. f.) Pfitz. in Engl., Bot. Jahrb. 19: 41. 1894.

Cypripedium spicerianum Reichb. f. in Gard. Chron. 1: 40, 74, f. 7. 1830; Hook. f., Fl. Brit. India 6: 172. 1890.
N.E. India.

Paphlopedilum venustum (Sims) Pflanz. in Engl., Bot. Jahrb. 19: 41. 1894.

Cypripedium venustum Sims in Curtis' Bot. Mag. 47: t. 2129. 1820; Hook. f., Fl. Brit. India 6: 173. 1890.

var. *venustum*.

E. Himalaya, N.E. India.

var. *rubrum* U.C. Pradhan, Indian Orch. 675. 1979.

N.E. India.

var. *teestaensis* U.C. Pradhan, Indian Orch. 675. 1979.

E. Himalaya.

Paphlopedilum villosum (Lindl.) Stein, Orchideenbuch 490. 1892.

Cypripedium villosum Lindl. in Gard. Chron. 1854: 125. 1854; Hook. f., Fl. Brit. India 6: 171. 1890.

N.E. India.

Paphlopedilum wardii Summerh. in Gard. Chron. 3, 92: 446. 1932.

E. Himalaya.

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Peninsular India.

Papilionanthe teres (Roxb.) Schltr. in Orchis 9: 78. 1915.

Dendrobium teres Roxb., Fl. Ind. 3: 485. 1832.

Vanda teres (Roxb.) Lindl., Gen. Sp. Orchid. 217. 1833; Hook. f., Fl. Brit. India 6: 49. 1890.
N. to N.E. through E. India, E. to C. Himalaya, Andaman & Nicobar Islands.

Papilionanthe uniflora (Lindl.) Garay in Bot. Mus. Leaflet. Harvard Univ. 23: 370. 1974.

Mesoclastis uniflora Lindl., Gen. Sp. Orchid. 45. 1830.

Aerides longicornu Hook. f., Fl. Brit. India 6: 44. 1890.

Aerides uniflora (Lindl.) Summerh. in Kew Bull. 1955: 588. 1956.

N.E. India, C. Himalaya.

Papilionanthe vandarum (Reichb.f.) Garay in Bot. Mus. Leaflet. Harvard Univ. 23: 370. 1974.

Aerides vandarum Reichb. f. in Gard. Chron. 997, 1867; Hook. f., Fl. Brit. India 6: 44. 1890.
E. to C. Himalaya, N.E. India.

PECTELLIS Rafin., Fl. Tell. 2: 37. 1837.

Pectellis gigantea (J.E. Sm.) Rafin., Fl. Tell. 2: 38. 1837.

Orchis gigantea J.E. Sm., Exot. Bot. 2: 79, t. 100. 1805.

Habenaria susannae auct. pl. non(L.) R. Br., 1810; Hook. f., Fl. Brit. India 6: 137. 1890, p.p.

Platanthera susannae auct. pl. non (L.) Lindl., 1835.

Peninsular India, W. Himalaya.

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Platanthera lacei Rolfe ex Downie in Kew Bull. 1925: 422. 1925.

N.E. India.

Pectellis susannae (L.) Rafin., Fl. Tell. 2: 38. 1837 ('susanna').

Orchis susannae L., Sp. Pl. 939. 1753.

Habenaria susannae (L.) R. Br., Prodr. 312. 1810; Hook. f., Fl. Brit. India 6: 137. 1890 p.p.
N.E. India.

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Habenaria triflora D. Don, Prodr. Fl. Nepal. 25. 1825.

E. India, W. to C. Himalaya.

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- Sarcanthus insectifer* Reichb.f. in Bot. Zeit. 159. 1837; Hook. f., Fl. Brit. India 6: 68. 1890. E. & N.E. India, W. Himalaya.
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- Pennilabium proboscideum* A.S. Rao & Joseph in Bull. Bot. Surv. India 10: 231. 1968. N.E. India.
- PERISTYLUS** Bl., Bijdr. 6: t. 1, f. 30; 8: 404. 1825 (*nom. cons.*)
- Peristylus affinis* (D. Don) Seid. in Dansk. Bot. Ark. 31(3): 48. 1977.
- Habenaria affinis* D. Don, Prodr. Fl. Nepal. 25. 1825; Hook. f., Fl. Brit. India 6: 166. 1890.
- Habenaria goodyeroides* sensu Hook. f., l.c. 161. *p.p. non* D. Don, 1825.
- Peristylus goodyeroides* var. *affinis* (D. Don) Lindl., Gen. Sp. Orchid. 299. 1835. Peninsular, E & N.E. India, W. Himalaya.
- Peristylus aristatus* Lindl., Gen. Sp. Orchid. 300. 1835.
- Habenaria aristata* (Lindl.) Trim. in J. Ceylon Branch Roy. Asiat. Soc. 9: 91. 1885; Hook. f., Fl. Brit. India 6: 158. 1890. Peninsular & N.E. India, E to C. Himalaya.
- Peristylus brachyphyllus* A. Rich. in Ann. Sci. nat. 2, 15: 70, t. 2. 1841.
- Habenaria malabarica* Hook. f., Fl. Brit. India 6: 159. 1890. S. India.
- Peristylus constrictus* (Lindl.) Lindl., Gen. Sp. Orchid. 300. 1835.
- Herminium constrictum* Lindl. in Edw. Bot. Reg. 18: sub t. 1499. 1832.
- Habenaria constricta* (Lindl.) Hook. f., Fl. Brit. India 6: 161. 1890. E. & N.E. India, Himalaya.
- Peristylus cubitalis* (L.) Kranzl., Orchid. Gen. Sp. 1. 1898.
- Orchis cubitalis* L., Sp. Pl. 940. 1753.
- Habenaria cubitalis* (L.) R. Br., Prodr. 312. 1810; Hook. f., Fl. Brit. India 6: 157. 1890. N.E. India.
- Peristylus densus* (Lindl.) Sant. & Kap. in J. Bombay nat. Hist. Soc. 57: 128. 1960.
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- Platanthera stenostachya* Lindl. in Hook., J. Bot. 7: 37. 1855.
- Habenaria stenostachya* (Lindl.) Bth., Fl. Hongk. 362. 1861; Hook. f., Fl. Brit. India 6: 156. 1890.
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- Peristylus exilis* Wight, Ic. t. 1698. 1851; Seid. in Dansk. Bot. Ark. 31(3): 22. 1977.
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- Peristylus aristatus* sensu C.E.C. Fischer in Gamble, Fl. Pres. Madras 1474. 1928 (3: 1030. 1967, Repr. ed.) *non* Lindl. 1835. S. India.
- Peristylus fallax* Lindl., Gen. Sp. Orchid. 298. 1835.
- Herminium fallax* (Lindl.) Hook. f., Fl. Brit. India 6: 129. 1890.
- Habenaria fallax* (Lindl.) King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 325, t. 428. 1898. Temperate Himalaya.
- Peristylus goodyeroides* (D. Don) Lindl., Gen. Sp. Orchid. 299. 1835.
- Habenaria goodyeroides* D. Don, Prodr. Fl. Nepal. 25. 1825; Hook. f., Fl. Brit. India 6: 161. 1890.

Throughout India including Andaman Islands, except N.W. India.

Peristylus gracilis Bl., Bijdr. 404. 1825; Deori & C.L. Malhotra in Indian Forester 103: 680. 1977.
N.E. India.

Peristylus hamiltonianus (Lindl.) Lindl., Gen. Sp. Orchid. 299. 1835.

Herminium hamiltonianum Lindl. in Edw., Bot. Reg. 18: sub t. 1499. 1832.

Habenaria hamiltoniana (Lindl.) Hook. f., Fl. Brit. India 6: 160. 1890.
E. to C. Himalaya, N.E. India.

Peristylus lacertiferus (Lindl.) J.J. Sm. in Bull. Buitenz. 3, 9: 23. 1927.

Coeloglossum lacertifera Lindl., Gen. Sp. Orchid. 302. 1835.

Habenaria lacertifera (Lindl.) Bth., Fl. Hongk. 362. 1861; Hook. f., Fl. Brit. India 6: 163. 1890.
E. Himalaya, N.E. India.

Peristylus lanceifolius A. Rich. in Ann. Sci. Nat. 2, 15: 69, t. 2c. 1841.

Habenaria robustior Hook. f., Fl. Brit. India 6: 160. 1890 *p.p.*
Peninsular India.

Peristylus lawii Wight, Ic. t. 1695. 1852.

Habenaria lawii (Wight) Hook. f., Fl. Brit. India 6: 162. 1890.
Peninsular, N. & E. India, C. Himalaya.

Peristylus manni (Reichb. f.) S.K. Mukherjee in Notes R.B.G. Edinb. 21: 153. 1953.

Coeloglossum manni Reichb.f. in Linnæa 41: 54. 1877.

Habenaria gracillima Hook. f., Fl. Brit. India 6: 163. 1890.
C. & N.E. India, E. Himalaya, Andaman Islands.

Peristylus parishii Reichb. f. in Trans. Linn. Soc. 30: 139. 1874.

Habenaria parishii (Reichb. f.) Hook. f., Fl. Brit. India 6: 161. 1890.
C. & N.E. India, E. Himalaya, Andaman Islands.

Peristylus plantagineus Lindl., Gen. Sp. Orchid. 300. 1835.

Habenaria wightii Trim., Cat. Ceyl. Pl. 91.

1885; Hook. f., Fl. Brit. India 6: 162. 1890.
Peninsular India.

Peristylus prainii (Hook.f.) Kranzl., Orchid. Gen. Sp. 514. 1898.

Habenaria prainii Hook. f., Fl. Brit. India 6: 159. 1890.
E. Himalaya, N.E. India.

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Habenaria pseudophrys King & Pantl. in J. Asiat. Soc. Beng. 65: 133. 1896.
E. Himalaya.

Peristylus richardianus Wight, Ic. t. 1697. 1851.

Habenaria bicornuta Hook. f., Fl. Brit. India 6: 156. 1890.
Peninsular & N.E. India, C. Himalaya.

Peristylus secundus (Lindl.) Rathak. in Indian Forester 98: 31. 1972.

Coeloglossum secundum Lindl., Gen. Sp. Orchid. 303. 1835.

Peristylus robustior Wight, Ic. t. 1699. 1851.

Habenaria robustior (Wight) Hook. f., Fl. Brit. India 6: 160. 1890 *p.p.*
Peninsular India.

Peristylus spiralis A. Rich. in Ann. Sci. Nat. 2, 15: 69, t. 2b. 1841.

Habenaria torta Hook. f., Fl. Brit. India 6: 159. 1890.
Peninsular India.

Peristylus stocksii (Hook. f.) Kranzl., Orchid. Gen. Sp. 1: 513. 1898.

Habenaria stocksii Hook. f., Fl. Brit. India 6: 158. 1890.
Peninsular & E. India.

Peristylus tentaculatus (Lindl.) J.J. Sm., Orch. Java 35. 1905.

Glossula tentaculata Lindl., Bot. Reg. t. 862. 1824.

Habenaria tentaculata (Lindl.) Reichb. f., Otia Bot. Hamb. 34, 1878; Bruhl, Guide, Orchid. Sikkim 190. 1926.
E. Himalaya, N.E. India.

Peristylus tpuiferus (Par. & Reichb. f.) S.K. Mukherjee in Notes R.B.G. Edinb. 21: 153.

1953.

Habenaria tipulifera Par. & Reichb. f. in Trans. Linn. Soc. 30: 139. 1875.

Habenaria brandisii Hook. f., Fl. Brit. India 6: 162. 1890.
N.E. India.

PHAIUS Lour., Fl. Cochinch. 517. 1790.

Phaius flavus (Bl.) Lindl., Gen. Sp. Orchid. 128. 1831.

Limodorum flavum Bl., Bijdr. 8: 375. 1825.

Phaius maculatus Lindl., Gen. Sp. Orchid. 127. 1831; Hook. f., Fl. Brit. India 5: 817. 1890.
Tropical E. to C. Himalaya, N.E. India.

Phaius longipes (Hook. f.) Holtt. in Gard. Bull. Singapore 11: 286. 1947.

Calanthe longipes Hook. f., Fl. Brit. India 6: 195. 1890.
E. Himalaya, N.E. India.

Phaius luridus Thw., Enum. Pl. Zeyl. 300. 1864; Hook. f., Fl. Brit. India 5: 817. 1890;
Joseph in Bull. Bot. Surv. India 16: 147. 1977.
S. India.

Phaius mishmensis Reichb.f. in Bonplandia 5: 43. 1857; Hook. f., Fl. Brit. India 5: 817. 1890.
E. Himalaya, N.E. India.

Phaius nanus Hook. f., Fl. Brit. India 6: 192. 1890.
E. India.

Phaius tancarvilleae (Banks ex L'Herit.) Bl., Mus. Bot. Lugd.-Bat. 2: 177. 1856 ("tancarvillei").

Limodorum tancarvilleae Banks ex L'Herit., Sert. Angl. 28. 1789.

Phaius wallichii Lindl. in Wall., Pl. As. Rar. 2: 46, t. 158. 1831; Hook. f., Fl. Brit. India 5: 816. 1890.

var. *tancarvilleae*.
Himalaya, E. & N.E. India.

var. *pulchra* (King & Pantl.) Karthik. comb. nov.

Phaius blumei var. *pulchra* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 108. 1898.
N.E. India.

Phaius woodfordii (Hook.) Merr. in J. Arnold Arb. 24: 211. 1948.

Bletia woodfordii Hook., Bot. Mag. t. 2719.

Phaius maculatus sensu Hook. f., Fl. Brit. India 5: 817. 1890 *p.p. non* Lindl. 1831.
E. Himalaya, N.E. India.

PHALAEENOPSIS Bl., Bijdr. 6: t. 4, f. 44; 7: 294. 1825.

Phalaenopsis cornu-cervi (Breda) Par. & Reichb. f. in Hamb. Gartenz. 116. 1860; Hook. f., Fl. Brit. India 6: 29. 1890; C.E.C. Fischer in Rec. Bot. Surv. India 12: 141. 1938.

Polychilos cornu-cervi Breda in Kuhl & van Hasselt, Gen. & Sp. Orchid. t.1. 1827.
E. Himalaya, N.E. India.

Phalaenopsis manni Reichb. f. in Gard. Chron. 902. 1871; Hook. f., Fl. Brit. India 6: 30. 1890.
E. to C. Himalaya, N.E. India.

Phalaenopsis mastersii King & Pantl. in J. Asiat. Soc. Beng. 66: 591. 1897.
N.E. India.

Phalaenopsis mysorensis Saldanha in Indian Forester 100: 571, t. 3. 1974.
S. India.

Phalaenopsis parishii Reichb. f. in Gard. Chron. 410. 1865; Hook. f., Fl. Brit. India 6: 31. 1890.
E. Himalaya, N.E. India.

Phalaenopsis spectosa Reichb. f. in Gard. Chron. n.s. 15: 562. 1881; Hook. f., Fl. Brit. India 6: 30. 1890.
Andaman Islands.

Phalaenopsis tetraspis Reichb. f., Xen. Orchid. 2: 146. 1870 & in Gard. Chron. 2: 562, 656. 1881; Hook. f., Fl. Brit. India 6: 30. 1890.

Phalaenopsis speciosa var. *tetraspis* (Reichb.f.) Sweet in Auct. Orchid. Soc. Bull. 37: 1092. 1968.
Andaman & Nicobar Islands.

PHOLIDOTA Lindl. ex Hook., Exot. Fl. 2: 138. 1825.

Phalidota articulata Lindl., Gen. Sp. Orchid. 38. 1830; Hook. f., Fl. Brit. India 5: 844. 1890.
Subtropical Himalaya, N.E. India.

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- Pholidota calceata* Reichb. f. in Walp., Ann. 6: 238, 1861; Hook. f., Fl. Brit. India 5: 846, 1890.
N.E. India.
- Pholidota convallariae* (Reichb. f.) Hook. f. in Hook., Ic. Pl. t. 1880, 1889 & Fl. Brit. India 5: 846, 1890.
- Coelogyne convallariae* Reichb. f. in Flora 277, 1872.
- var. *convallariae*.
N.E. India.
- var. *breviscapa* Doori & Joseph in Bull. Bot. Surv. India 20: 159. (1978) 1979.
E. Himalaya.
- Pholidota griffithii* Hook. f. in Hook., Ic. Pl. 19: t. 1881, 1889 & Fl. Brit. India 5: 845, 1890.
- Pholidota articulata* var. *griffithii* (Hook. f.) King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 147, t. 204, 1898.
Tropical & Subtropical Himalaya, N.E. India.
- Pholidota imbricata* (Roxb.) Lindl. in Hook., Fl. Exot. 2: t. 138, 1825; Hook. f., Fl. Brit. India 5: 845, 1890.
- Cymbidium imbricatum* Roxb., Fl. Ind. 3: 460, 1832.
- var. *imbricata*.
Throughout India.
- var. *sessilis* Hook. f., Fl. Brit. India 5: 846, 1890.
- Pholidota pallida* var. *sessilis* (Hook. f.) Sarkar in J. Econ. Tax. Bot. 5: 1008, 1984.
N.E. India.
- Pholidota obovata* Hook. f., Fl. Brit. India 5: 845, 1890.
N.E. India.
- Pholidota pallida* Lindl., Bot. Reg. subf. 1777, 1836.
- Pholidota imbricata* Lindl., Bot. Reg. t. 1213, 1828 non 1825.
In many parts of India, Great Nicobar Islands.
- Pholidota protracta* Hook. f. in Hook., Ic. Pl. 19: t. 1877, 1889 & Fl. Brit. India 5: 845, 1890.
Temperate E. to C. Himalaya, N.E. India.
- Pholidota recurva* Lindl., Gen. Sp. Orchid. 37, 1830; Hook. f., Fl. Brit. India 5: 844, 1890, Himalaya.
- Pholidota undulata* Lindl. in Edw., Bot. Reg. 14: t. 1213, 1829.
- Pholidota rubra* Lindl., Gen. Sp. Orchid. 37, 1830; Hook. f., Fl. Brit. India 5: 847, 1890.
Subtropical Himalaya, N.E. India.
- PHREATIA** Lindl., Gen. Sp. Orchid. 63, 1830.
- Phreatia elegans* Lindl., Gen. Sp. Orchid. 63, 1830; Hook. f., Fl. Brit. India 5: 810, 1890.
E. Himalaya, N.E. India.
- Phreatia secunda* (Bl.) Lindl., Gen. Sp. Orchid. 64, 1830; Balakr. & N.G. Nair in Bull. Bot. Surv. India 18: 153. (1976) 1979.
- Dendrobium secundum* Bl., Bijdr. 350, 1825.
Andaman Islands.
- PHYSURUS** L.C. Rich. ex Lindl., Gen. Sp. Orchid. 501, 1840.
- Physurus herpismoides* King & Pantl. in J. Asiat. Soc. Beng. 65: 124, 1896.
Bhutan.
- Physurus hirsutus* (Griff.) Lindl. in J. Linn. Soc. 1: 180, 1857; Hook. f., Fl. Brit. India 6: 94, 1890.
- Goodyera hirsuta* Griff., Notul. 3: 393, 1851 & Ic. Pl. t. 347, 1851.
N.E. India.
- PLATANThERA** L. C. Rich., Orchid. Eur. Annot. 20, 26, 35, 1817 & in Mem. Mus. Hist. Nat. 4: 42, 48, 57, 1818 (*nom. cons.*).
- Platanthera arcuata* Lindl., Gen. Sp. Orchid. 289, 1835.
- Habenaria arcuata* (Lindl.) Hook. f., Fl. Brit. India 6: 155, 1890.
Temperate Himalaya.
- Platanthera bakeriana* (King & Pantl.) Kranzl., Orchid. Gen. Sp. 1: 632, 1898.
- Habenaria bakeriana* King & Pantl. in J. Asiat. Soc. Beng. 65: 132, 1896.
E. to C. Himalaya.
- Platanthera bhutanica* K. Inoue in J. Jap. Bot. 61: 193, f. 2, 1986.

Bhutan.

Platanthera biermanniana (King & Pantl.) Kranzl., Orchid. Gen. Sp. 1: 636. 1898.

Habenaria biermanniana King & Pantl. in J. Asiat. Soc. Beng. 64: 343. 1895.
Temperate Himalaya.

Platanthera clavigera Lindl., Gen. Sp. Orchid. 289. (Sept.) 1835.

Habenaria densa Wall. ex Lindl., l.c. 326. (Oct.) 1835; Hook. f., Fl. Brit. India 6: 153. 1890.

Habenaria clavigera (Lindl.) Dandy in J. Bot. 68: 246. 1930.
Temperate Himalaya.

Platanthera dyeriana (King & Pantl.) U.C. Pradhan, Indian Orch. 11: 682. 1979.

Habenaria dyeriana King & Pantl. in J. Asiat. Soc. Beng. 65: 133. 1896.
E. Himalaya.

Platanthera exelliana Soo in Ann. Hist. Nat. Mus. Natl. Hung. 26: 259. 1929.

Habenaria oligantha Hook. f., Fl. Brit. India 6: 154. 1890.
E. to C. Himalaya.

Platanthera juncea (King & Pantl.) Kranzl., Orchid. Gen. Sp. 1: 942. 1901.

Habenaria juncea King & Pantl. in J. Asiat. Soc. Beng. 65: 132. 1896.
E. to C. Himalaya.

Platanthera latilabris Lindl., Gen. Sp. Orchid. 289. 1835.

Habenaria latilabris (Lindl.) Hook. f., Fl. Brit. India 6: 153. 1890.

Pecteilis latilabris (Lindl.) Mitra, Fl. Pl. E. India 1: 276. 1958.
C. & E. India, Temperate Himalaya.

Platanthera leptocaulon (Hook. f.) Soo in Ann. Hist. Nat. Mus. Natl. Hung. 26: 360. 1929.

Habenaria leptocaulon Hook. f., Fl. Brit. India 6: 154. 1890.
E. to C. Himalaya.

Platanthera sikkimensis (Hook.f.) Kranzl., Orchid. Gen. Sp. 1: 621. 1899.

Habenaria sikkimensis Hook. f., Fl. Brit. India 6: 155. 1890.
E. to C. Himalaya.

Platanthera stenantha (Hook.f.) Soo in Ann. Hist. Nat. Mus. Natl. Hung. 26:363. 1929.

Habenaria stenantha Hook. f., Fl. Brit. India 6: 153. 1890.
Temperate Himalaya.

PLEIONE D. Don, Prodr. Fl. Nepal. 36. 1825.

Pleione coronaria Cribb & C.Z. Tang in Curtis's Bot. Mag. 184 : 123, f.1. 1983.
Nepal.

Pleione grandiflora Rolfe in Orchid Rev. 11: 291. 1903; N.C. Nair in J. Bombay nat. Hist. Soc. 63: 461. (1966) 1967.
W. Himalaya.

Pleione hookeriana (Lindl.) Williams, Orchid Grow. Man. ed. 6. 548. 1885; Cribb *et al.* in Curtis's Bot. Mag. 184: 113, t. 862. 1983.

Coelogyne hookeriana Lindl., Fol. Orchid. Coelogyne 14. 1854; Hook. f., Fl. Brit. India 5: 842. 1890.

var. *hookeriana*.
E. to C. Himalaya, N.E. India.

var. *brachyglossa* (Reichb.f.) Karthik. *comb. nov.*

Coelogyne hookeriana var. *brachyglossa* Reichb. f. in Gard. Chron. 1: 833. 1887; Hook. f., l.c. 6: 194.
E. Himalaya.

Pleione humilis (J.E.Sm.) D.Don, Prodr. Fl. Nepal. 37. 1825.

Epidendrum humile J.E. Sm., Exot. Bot. 2: 75, t. 98. 1806.

Coelogyne humilis (J.E.Sm.) Lindl., Coll. Bot. sub t. 37. 1825; Hook.f., Fl. Brit. India 5: 840. 1890.
E. Himalaya, N.E. India.

Pleione x lagenaria Lindl. in Paxt., Fl. Gard. 2: 5, t. 39. 1851; Cribb *et al.* in Curtis's Bot. Mag. 184: 109, t. 861. 1983.

Coelogyne lagenaria (Lindl.) Lindl., Fol. Orchid. 15. 1854; Hook. f., Fl. Brit. India 5: 841. 1890.
N.E. India.

Pleione maculata (Lindl.) Lindl. in Paxt., Fl. Gard. 2: 5, t. 39, f.1. 1851; Cribb *et al.* in Curtis's Bot. Mag. 184: 106, t. 860. 1983.

Coelogyne maculata Lindl., Gen. Sp. Orchid. 43. 1830; Hook. f., Fl. Brit. India 5: 841. 1890.

var. *maculata*.

E. to C. Himalaya, N.E. India.

var. *virginica* (Reichb.f.) Karthik. *comb. nov.*

Coelogyne maculata var. *virginica* Reichb.f. in Gard. Chron. 2: 681. 1887; Hook. f., *l.c.* India (locality?).

Pleione praecox (J.E. Sm.) D. Don, Prodr. Fl. Nepal. 37. 1825.

Epidendrum praecox J.E. Sm., Exot. Bot. 2: 73, t. 97. 1806.

Coelogyne praecox (J.E. Sm.) Lindl., Coll. Bot. sub t. 37. 1825; Hook. f., Fl. Brit. India 5: 840. 1890.

Temperate Himalaya, N.E. India.

Pleione scopulorum W.W. Sm. in Notes R. B. G. Edinb. 13: 218. 1921; Cribb *et al.* in Curtis's Bot. Mag. 184: 114, f. 1. 1983. N.E. India.

PLOCOGLOTTIS Bl., Bijdr. 6: t. 2, f. 21; 8: 380. 1825.

Plocoglottis javanica Bl., Bijdr. 380, t. 21. 1825; Balakr. & Chakrab. in Bull. Bot. Surv. India 20: 85.(1978) 1979. Nicobar Islands.

PODOCHILUS Bl., Bijdr. 6: t. 5, f. 12; 7: 295. 1825.

Podochilus cultratus Lindl., Gen. Sp. Orchid. 234. 1833, Hook. f., Fl. Brit. India 6: 80. 1890. Tropical E. to C. Himalaya. N.E. India.

Podochilus khasianus Hook. f., Fl. Brit. India 6: 81. 1890. E. Himalaya, N.E. India.

Podochilus malabaricus Wight, Ic. t. 1748, f. 2. 1851; Hook.f., Fl. Brit. India 6: 80. 1890.

Podochilus falcatus sensu C.E.C. Fischer in Gamble, Fl. Pres. Madras 1450. 1928 (3: 1014. 1967, Repr. ed.) non Lindl. 1833. S. India.

Podochilus microphyllus Lindl., Gen. Sp. Orchid. 234. 1835; Hook. f., Fl. Brit. India 6:

81. 1890; Balakr. & Chakrab. in Bull. Bot. Surv. India 20: 86. (1978) 1979. Nicobar Islands.

POLYSTACHYA Hook., Exot. Fl. 2: t. 103. 1824 (*nom. cons.*).

Polystachya concreta (Jacq.) Garay & Sweet in Revista Soc. Colomb. Orquideol. 9: 206. 1974.

Epidendrum concretum Jacq., Enum. Pl. Carib. 30. 1760.

Ornithium flavescens Bl., Bijdr. 325. 1825.

Polystachya luteola Wight, Ic. t. 1678. 1851 non Hook., 1825.

Polystachya purpurea Wight, Ic. t. 1679. 1851; Hook. f., Fl. Brit. India 6: 21. 1890.

Polystachya wightii Reichb. f. in Walp., Ann. 6: 640, 1864; Hook. f., *l.c.*

Polystachya flavescens (Bl.) J.J. Sm., Fl. Buitenz. 6: 284, f. 218. 1905. Peninsular India, Andaman & Nicobar Islands.

POMATOCALPA Breda, Kuhl & Hasselt in Breda, Gen. Sp. Orchid. Asclep. 29, t. 15. 1829.

Pomatocalpa andamanicum (Hook. f.) J.J. Sm. in Nat. Tijdschr. Ned. Ind. 72: 173. 1912; Hore & Balakr. in J. Bombay nat. Hist. Soc. 81: 631. (1984) 1985.

Cleisostoma andamanicum Hook. f., Fl. Brit. India 6: 71. 1890. Andaman Islands.

Pomatocalpa armigerum (King & Pantl.) Tang & Wang in Act. Phytotax. Sin. 1: 98. 1951.

Cleisostoma armigera King & Pantl. in J. Asiatic Soc. Beng. 65: 123. 1896. E. Himalaya.

Pomatocalpa bambusarum (King & Pantl.) Garay in Bot. Mus. Leaflet. Harvard Univ. 23(4): 190. 1972.

Cleisostoma bambusarum King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 233. 1898. E. Himalaya.

Pomatocalpa decipiens (Lindl.) J.J. Sm. in Natuurw. Tijdschr. Ned.- Indie 72 : 33. 1912; Panda & Patnaik in J. Econ. Tax. Bot.

8:475. 1986.

Cleisostoma decipiens Lindl., Bot. Reg. 30 : Misc. 11.1844; Hook. f., Fl. Brit. India 6:75. 1890.

Orissa.

Pomatocalpa bhutanicum Balakr. in J. Bombay nat. Hist. Soc. 75: 161, f. 1. 1978. Bhutan.

Pomatocalpa manali (Reichb. f.) J.J. Sm. in Nat. Tijdschr. Ned. Ind. 72: 105. 1912.

Cleisostoma manii Reichb.f. in Flora 273. 1872; Hook. f., Fl. Brit. India 6: 74. 1890. Peninsular & N.E. India, E. Himalaya.

Pomatocalpa ramosum (Lindl.) Summerh. in Kew Bull. 1948: 56. 1948.

Saccolabium ramosum Lindl., Gen. Sp. Orchid. 224. 1833.

Cleisostoma ramosum (Lindl.) Hook. f., Fl. Brit. India 6: 72. 1890. E. & N.E. India, E. Himalaya.

Pomatocalpa wendlandorum (Reichb.f.) J.J. Sm. in Nat. Tijdschr. Ned. Ind. 72: 108. 1912; Hore & Balakr. in J. Bombay nat. Hist. Soc. 81: 631.(1984) 1985.

Cleisostoma wendlandorum Reichb. f. in Otto & Dietz., Allg. Gart. 219. 1856; Hook.f., Fl. Brit. India 6: 74. 1890. E. Himalaya, N.E. India, Andaman Islands.

PONERORCHIS Reichb.f. in Linnaea 25: 227. 1852.

Ponerorchis chusua (D.Don)Soo in Acta Bot. Acad. Sci. Hung. 12: 352. 1966.

Orchis chusua D. Don, Prodr. Fl. Nepal. 23. 1825; Hook.f., Fl. Brit. India 6: 127. 1890. Alpine Himalaya, N.E. India.

Ponerorchis nana (King & Pantl.) Soo in Acta Bot. Acad. Sci. Hung. 12: 353. 1966.

Orchis chusua D. Don var. *nana* King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 303. t. 402 A. 1898.

Chusua roborowskyi (Maxim.) P.F.Hunt var. *nana*(King. & Pantl.) P.F. Hunt in Kew Bull. 26: 176. 1971. W. Himalaya.

PORPAX Lindl. in Edw., Bot. Reg. 31(misc.): 62. 1845.

Porpax chandrasekharanii Bhargavan & Mohanan in Curr. Sci. 51: 990, f. 7. 1982. S. India.

Porpax elwesii (Reichb.f.) Rolfe in Orchid Rev. 16: 8. 1908.

Eria elwesii Reichb. f. in Gard. Chron. 1: 402. 1883.

Eria meirax sensu Hook.f., Fl. Brit. India 5: 786. 1890 (*quoad* Sikkim plant) *p.p. non* N. E. Br. 1880. E. Himalaya, Andaman Islands.

Porpax fibuliformis (King & Pantl.)King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 114, t. 159. 1898.

Eria fibuliformis King & Pantl. in J. Asiat. Soc. Beng. 64: 336. 1895. E. Himalaya, N.E. India.

Porpax gigantea Deori in Bull. Bot. Surv. India 17: 174. 1978. N.E. India.

Porpax jerdoniana(Wight) Rolfe in Orchid. Rev. 16: 18. 1908.

Lichenora jerdoniana Wight, Ic. t. 1748. 1851.

Eria lichenora Lindl. in J. Linn. Soc. 3: 46. 1858.

Porpax lichenora (Lindl.) T. Cooke, Fl. Pres. Bombay 2: 689. 1907(3: 192. 1967, Repr. ed.). Peninsular India.

Porpax meirax (Par. & Reichb. f.) King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 114, t. 158. 1898.

Cryptochilus meirax Par. & Reichb. f. in Trans. Linn. Soc. 30: 148. 1874.

Eria meirax Hook.f., Fl. Brit. India 5: 786. 1890 *p.p. non* N.E. Br. 1880. E. to C. Himalaya, N.E. India.

Porpax reticulata Lindl. in Bot. Reg. 31: misc. 66. 1845.

Aggeianthus marchantioides Wight, Ic. t. 1737. 1852.

Eria reticulata (Lindl.) Bth. & Hook. f., Gen.

PL 3: 509. 1883; Hook. f., Fl. Brit. India 5: 786. 1890.

Pinalia reticulata (Lindl.) O.Ktze., Rev. Gen. Pl. 2: 679. 1891.

Porpax papillosa Blatt. & McCl. in J. Bombay nat. Hist. Soc. 35: 268, f. 4. 1931.
Peninsular India.

PROTEROCERAS Joseph & Vajr. in J. Indian Bot. Soc. 53: 189. 1974.

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S. India.

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Pteroceras alatum (Holt.) Holt. in Kew Bull. 14: 269. 1960; Balakr. & Chakrab. in Bull. Bot. Surv. India 20: 88. (1978) 1979; Sahni & Naithani in Indian J. For. 2: 292. 1979.

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Nicobar Islands.

Pteroceras berkeleyi (Reichb.f.) Holt. in Kew Bull. 14: 269. 1960.

Sarcochilus berkeleyi Reichb.f. in Gard. Chron. 557. 1882; Hook.f., Fl. Brit. India 6: 37. 1890.
Nicobar Islands.

Pteroceras muriculatum (Reichb.f.) P.F. Hunt in Kew Bull. 24: 69. 1970.

Sarcochilus muriculatus Reichb. f. in Gard. Chron. 2: 198. 1881; Hook.f., Fl. Brit. India 6: 34. 1890.
Andaman Islands.

Pteroceras suaveolens (Roxb.) Holt. in Kew Bull. 14: 271. 1960.

Aerides suaveolens Roxb., Fl. Ind. 3: 473. 1832.

Sarcochilus suaveolens (Roxb.) Hook.f., Fl. Brit. India 6: 33. 1890.
Himalaya.

Pteroceras viridiflorum (Thw.) Holt. in Kew Bull. 14: 272. 1960; Jayawera in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 2: 190.

1981.

Sarcochilus viridiflorus (Thw.) Hook.f., Fl. Brit. India 6: 38. 1890.

Aerides viridiflora Thw., Enum. Pl. Zeyl. 430. 1864.
Peninsular India.

RENANTHERA Lour., Fl. Cochinch. 516, 521. 1790.

Renanthera imschootiana Rolfe in Kew Bull. 1891: 200. 1891.
N.E. India.

RHYNCHOSTYLIS Bl., Bijdr. 6: t. 49; 8: 285, 434. 1825 ('*RHYNCHOSTYLIS*').

Rhynchostylis retusa (L.) Bl., Bijdr. 286, t. 49. 1825; Hook. f., Fl. Brit. India 6: 32. 1890.

Epidendrum retusum L., Sp. Pl. 953. 1753.

Saccolabium rheedii Wight, Ic. t. 1745-46. 1851.

Saccolabium berkeleyi Reichb.f. in Gard. Chron. 2, 19: 814. 1883; Hook. f., Ic. 33.
Throughout India except N.W.

RISLEYA King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 246. 1898.

Risleya atropurpurea King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 246. 1898.
E. Himalaya.

RITAJIA King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 156. 1898.

Ritaja himalaica (Hook. f.) King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 157, t. 214. 1898.

Ceratostylis himalaica Hook. f., Fl. Brit. India 5: 826. 1890.
E. to C. Himalaya, N.E. India.

ROBIQUETIA Gaud. in Freyc., Voy. Monde Bot. 426. 1829.

Robiquetia gracilis (Lindl.) Garay in Bot. Mus. Leaf. Harvard Univ. 23: 197. 1972; Jayawera in Dassanayake & Fosberg, Rev. Handb. Fl.

Ceylon 2: 251. 1981.

Saccolabium gracile Lindl., Gen. Sp. Orchid. 225. 1833.
S. India.

Roblquetia spathulata (Bl.) J.J. Sm. in Nat. Tijdschr. Ned. Ind. 72: 115. 1912.

Cleisostoma spathulatum Bl., Bijdr. 364. 1825.

Cleisostoma spicatum Lindl. in Bot. Reg. t. 32. 1847.

E. Himalaya, E. & N.E. India.

Roblquetia succisa (Lindl.) Seid. & Garay in Bot. Tidsskr. 67: 119. 1972.

Sarcanthus succisus Lindl. in Bot. Reg. t. 1014.

Saccolabium buccosum Reichb. f. in Gard. Chron. 938. 1871; Hook. f., Fl. Brit. India 6: 58. 1890.

E. Himalaya, E. & N.E. India.

SACCOLABIOPSIS J.J. Sm. in Bull. Jard. Bot. Buitenz. 2, 26: 93. 1918.

Saccolabiopsis pusilla (Lindl.) Seid. & Garay in Bot. Tidsskr. 67: 118, f. 33. 1972.

Saccolabium pusillum Lindl. in J. Linn. Soc. 3: 36. 1858.

Saccolabium pumillo Reichb. f. in Walp., Ann. 6: 886. 1861; Hook. f., Fl. Brit. India 6: 56. 1890.

E. Himalaya.

SACCOLABIUM Bl., Bijdr. 6: t. 5, f. 50; 7: 292. 1825 (*nom. cons.*).

Saccolabium congestum (Lindl.) Hook. f., Fl. Brit. India 6: 63. 1890.

Acampe congesta Lindl., Fol. Orchid. 3. 1852.
S. India.

Saccolabium curvifolium Lindl., Gen. Sp. Orchid. 222. 1833; Hook. f., Fl. Brit. India 6: 65. 1890.

N.E. India.

Saccolabium helferi Hook. f., Fl. Brit. India 6: 57. 1890.

Andaman Islands.

Saccolabium himalaicum Deb, Sengupta & Malick in Bull. Bot. Soc. Bengal 22: 213. 1968.

E. Himalaya, N.E. India.

SATYRIUM Swartz in Kongl. Vet. Acad. Nya. Handl. 21: 214. 1800 (*nom. cons.*).

Satyrium ciliatum Lindl., Gen. Sp. Orchid. 341. 1838.

Satyrium nepalense var. *ciliata* (Lindl.) Hook. f., Fl. Brit. India 6: 168. 1890.
Himalaya.

Satyrium nepalense D. Don, Prodr. Fl. Nepal. 26. 1825; Hook. f., Fl. Brit. India 6: 168. 1890.

var. *nepalense*.

f. *nepalense*.

Peninsular & N.E. India, Temperate Himalaya.

salbiliflorum Tuyama in Hara, Fl. E. Himal. 450. 1966.

N.E. India, Himalaya.

var. *wightiana* (Lindl.) Hook. f., Fl. Brit. India 6: 168. 1890.

Satyrium wightianum Lindl., Gen. Sp. Orchid. 340. 1838.

S. India.

SCHOENORCHIS Bl., Bijdr. 6: t. 3, f. 23; 8: 361. 1825.

Schoenorchis chrysantha (Alst.) Garay in Bot. Mus. Leaflet. Harvard Univ. 23: 202. 1972; Jayaweera in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 2: 249. 1981.

Saccolabium chrysanthum Alst. in Trim., Handb. Fl. Ceylon 6: 277. 1931.

S. India.

Schoenorchis gemmata (Lindl.) J.J. Sm. in Nat. Tijdschr. Ned. Ind. 72: 100. 1912.

Saccolabium gemmatum Lindl. in Edw., Bot. Reg. 24, Misc. 50. 1838; Hook. f., Fl. Brit. India 6: 55. 1890.

Cleisostoma gemmata (Lindl.) King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 234, t. 313. 1898.

E. to C. Himalaya, N.E. India.

Schoenorchis jerdoniana (Wight) Garay in Bot. Mus. Leaflet. Harvard Univ. 23: 202. 1972.

Taeniophyllum jerdonianum Wight, Ic. t. 1756.

1851.

Saccolabium jerdonianum (Wight) Reichb. f. in Walp., Ann. 6: 886. 1864; Hook. f., Fl. Brit. India 6: 59. 1890.
S. India.

Schoenorchis manipurensis U.C. Pradhan, Ind. Orch. 11: 719. 1979.
N.E. India.

Schoenorchis minutiflora (Ridl) J.J. Sm. in Nat. Tijdschr. Ned. Ind. 72: 101. 1912.

Saccolabium minutiflorum Ridl. in J. Fed. Malay States Mus. 4: 71. 1909.
Andaman Islands.

Schoenorchis roseus (Wight) Bennet in J. Econ. Tax. Bot. 6: 456. 1985.

Sarcanthus roseus Wight, Ic. t. 1685. 1852.

Sarcanthus filiformis Wight, Ic. t. 1684. (excl. capsule) non Lindl., 1842.

Saccolabium filiforme (Wight) Lindl. in J. Linn. Soc. 3: 36. 1858; Hook. f., Fl. Brit. India 6: 56. 1890.

Schoenorchis filiformis (Wight) Schltr. in Fedde, Reper. 1: 986. 1913.
Peninsular India.

SIGMATOGYNE Pfitz. in Pfitz. & Kranzl. in Engl., Pflanzenr. B7: 133. 1907.

Sigmatogyne paatliligil Pfitz. in Engl., Pflanzenr. B7: 134. 1907.
N.E. India.

Sigmatogyne tricallosa (Rolfe) Pfitz. in Engl., Pflanzenr. B 7: 133. 1907.

Parisea tricallosa Rolfe in Kew Bull. 1901: 148. 1901.
E. Himalaya, N.E. India.

SIRHOOKERA O. Ktze., Rev. Gen. Pl. 2: 681. 1891.

Sirhookera lanceolata (Wight) O. Ktze., Rev. Gen. Pl. 2: 681. 1891.

Josephia lanceolata Wight, Ic. t. 1742. 1851 (leaves only, for flowers see t. 1743); Hook. f., Fl. Brit. India 5: 823. 1890.
Peninsular India.

Sirhookera latifolia (Wight) O. Ktze., Rev. Gen. Pl. 2: 681. 1891.

Josephia latifolia Wight, Ic. t. 1743. 1851; Hook. f., Fl. Brit. India 5: 823. 1890.
Peninsular India.

SMITINANDIA Holtt. in Gard. Bull. Sing. 25: 105. 1969.

Smithnandia micrantha (Lindl.) Holtt. in Gard. Bull. Sing. 25: 106. 1969.

Saccolabium micranthum Lindl., Gen. Sp. Orchid. 220. 1833; Hook. f., Fl. Brit. India 6: 59. 1890.

Cleistostoma micrantha (Lindl.) King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 234, t. 312. 1898.

Ascocentrum micranthum (Lindl.) Holtt. in Gard. Bull. Sing. 11: 275. 1947.
E. & N.E. India, Himalaya.

SPATHOGLOTTIS Bl., Bijdr. 6: t. 2, f. 76; 8: 400. 1825.

Spathoglottis irakides (D. Don) Lindl., Gen. Sp. Orchid. 120. 1831; Hook. f., Fl. Brit. India 5: 814. 1890.

Cymbidium irakides D. Don, Prodr. Fl. Nepal. 36. 1825.
E. to C. Himalaya.

Spathoglottis pilcata Bl., Bijdr. 401, t. 76. 1825; Hook. f., Fl. Brit. India 5: 813. 1890; Balakr. & Chakrab. in Bull. Bot. Surv. India 20: 88. (1978) 1979.
Andaman & Nicobar Islands.

Spathoglottis pubescens Lindl., Gen. Sp. Orchid. 120. 1831; Hook. f., Fl. Brit. India 5: 814. 1890.

var. *pubescens*.
N.E. India.

var. *parvifolia* (Lindl.) Hook. f., Fl. Brit. India 5: 814. 1890.

Spathoglottis parvifolia Lindl. in Bot. Reg. 1845. 1836.
N.E. India.

SPIRANTHES L.C. Rich., Orchid. Eur. Annot. 20, 28, 36. 1817 & in Mem. Mus. Hist. Nat. 4:

42, 50, 58. 1818 (*nom. cons.*).

Spiranthes sinensis (Pers.) Ames, *Orch.* 2: 53. 1908.

Neottia sinensis Pers., *Syn. Pl.* 2: 511. 1807.

Neottia australis R. Br., *Prodr.* 319. 1810.

Neottia amoena M. Bieb., *Fl. Taur. Cauc.* 3: 606. 1819.

Spiranthes australis (R. Br.) Lindl. in *Bot. Reg.* 10: t. 823. 1824.

Spiranthes lancea Backer & Steenis in *Blumea* 6: 361, 1951 *excl. basionym.*

Spiranthes sinensis ssp. *australis* (R. Br.) Kitamura in *Acta Phytotax. Geobot.* 21: 23. 1964.

Spiranthes sinensis var. *amoena* (M. Bieb.) Hara in *J. Jap. Bot.* 44: 59. 1969.

var. *sinensis*.

Throughout India.

var. *wightiana* (Lindl.) C.E.C. Fischer in Gamble, *Fl. Pres. Madras* 1454. 1928 (3: 1017. 1967, Repr. ed).

Spiranthes australis var. *wightiana* Lindl., *Gen. Sp. Orchid.* 465. 1840; Hook. f., *Fl. Brit. India* 6: 102. 1890. S. India.

Spiranthes spiralis (L.) C.Koch in *Linnaea* 22: 290. 1849.

Spiranthes autumnalis L.C. Rich. in *Mem. Mus. Paris* 4: 49. 1818; Hook. f., *Fl. Brit. India* 6: 103. 1890. W. Himalaya.

STELIS Swartz in *J. Bot. (Schrader)* 1799 (2): 239. 1800 (*nom. cons.*).

Stelis biflora J.E. Sm. in Rees, *Cyclop.* 34: *Stelis* n. 13. 1816; Hara et al., *Enum. Fl. Pl. Nepal* 1: 56. 1978. C. Himalaya.

STEREOCHILUS Lindl. in *J. Proc. Linn. Soc.* 3: 38. 1858.

Stereochilus hirtus Lindl. in *J. Proc. Linn. Soc.* 3: 58. 1858.

Sarcocilius hirtus (Lindl.) Bth. in Bth. & Hook. f., *Gen. Pl.* 3: 576. 1883; Hook. f., *Fl. Brit. India* 6: 35. 1890. E. Himalaya, N. E. India.

Stereochilus wattii King & Pantl. in *J. Asiat. Soc. Beng.* 66: 595. 1897. N.E. India.

SUNIPLA Lindl., *Orchid. Scel.* 14, 21, 25. 1826.

Sunipia andersonii (King & Pantl.) P.F. Hunt in *Kew Bull.* 26: 183. 1971.

Ione andersonii King & Pantl. in *Ann. Roy. Bot. Gard. Calcutta* 8: 159, t. 217. 1898. E. Himalaya.

Sunipia bicolor Lindl., *Gen. Sp. Orchid.* 179. 1833.

Ione bicolor (Lindl.) Lindl., *Fol. Orchid.* 3. 1853.

Bulbophyllum bicolor (Lindl.) Hook. f., *Fl. Brit. India* 5: 770. 1890. Himalaya, N.E. India.

Sunipia candida (Lindl.) P.F. Hunt in *Kew Bull.* 26: 183. 1971.

Ione candida Lindl., *Fol. Orchid.* 3. 1853.

Bulbophyllum candidum (Lindl.) Hook. f., *Fl. Brit. India* 5: 770. 1890. N.E. India.

Sunipia cirrhata (Lindl.) P.F. Hunt in *Kew Bull.* 26: 184. 1971.

Ione cirrhata Lindl., *Fol. Orchid.* 1. 1853.

Bulbophyllum cirrhatum (Lindl.) Hook. f., *Fl. Brit. India* 5: 769. 1890. E. Himalaya, N.E. India.

Sunipia fusco-purpurea (Lindl.) P.F. Hunt in *Kew Bull.* 26: 184. 1971.

Ione fusco-purpurea Lindl., *Fol. Orchid.* 2. 1853.

Bulbophyllum mishmeense Hook. f., *Fl. Brit. India* 5: 769. 1890. E. Himalaya, N.E. India.

Sunipia intermedia (King & Pantl.) P.F. Hunt in *Kew Bull.* 26: 184. 1971.

Ione intermedia King & Pantl. in *J. Asiat. Soc. Beng.* 65: 120. 1896. E. Himalaya.

Sunipia jainii Hynniewta & Malhotra in J. Indian Bot. Soc. 57: 31. 1978.
N.E. India.

Sunipia paleacea (Lindl.) P.F. Hunt in Kew Bull. 26: 184. 1971.

Ione paleacea Lindl., Fol. Orchid. 2. 1853.

Bulbophyllum paleaceum (Lindl.) Hook. f., Fl. Brit. India 5: 769. 1890.
Temperate Himalaya.

Sunipia racemosa (J.E. Sm.) Tang & Wang in Acta Phytotax. Sin. 1: 90. 1951.

Stelis racemosa J.E. Sm. in Rees, Cyclop. 34, Stelis No. 10. 1816.

Sunipia scariosa Lindl., Gen. Sp. Orchid. 179. 1833; Hook. f., Fl. Brit. India 5: 772. 1890.

Ione scariosa (Lindl.) King & Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 161, t. 219. 1898.
E. to C. Himalaya, N.E. India.

Sunipia virens (Lindl.) P.F. Hunt in Kew Bull. 26: 185. 1971.

Ione virens Lindl., Fol. Orchid. 1. 1853.

Bulbophyllum virens (Lindl.) Hook. f., Fl. Brit. India 5: 770. 1890.
E. Himalaya.

TAINIOPHYLLIUM Bl., Bijdr. 6: t. 3, f. 70; 8: 355. 1825.

Tainiophyllum atwisli Lindl. in J. Proc. Linn. Soc. 3: 42. 1859; Hook. f., Fl. Brit. India 6: 76. 1890; Seid. in Matthew, Fl. Tamilnadu Carnatic 3(2): 1609. 1983.
S. India.

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Andaman Islands.

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Sarcochilus crepidiformis King & Pantl. in J. Asiat. Soc. Beng. 64: 340. 1895.
E. Himalaya.

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E. Himalaya.

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N.E. India.

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E. Himalaya.

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S. India.

TAINIA Bl., Bijdr. 6: t. 5, f. 48; 7: 354. 1825.

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Ania bicornis Lindl. in Edw., Bot. Reg. 28: 37. 1842; Wight, Ic. t. 914. 1844-45.
S. India.

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E. Himalaya.

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E. Himalaya, N.E. India.

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E. Himalaya.

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N.E. India.

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Ania latifolia Lindl., Gen. Sp. Orchid. 130. 1831.
E. Himalaya, N.E. India.

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E. Himalaya.

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N.E. India.

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E. Himalaya.

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Thelasis bifolia Hook. f., Fl. Brit. India 6: 86. 1890.

N.E. India.

Thelasis khasiana Hook. f., Fl. Brit. India 6: 87. 1890.

N. E. India.

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Himalaya, N.E. India.

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Peninsular India, E. to C. Himalaya, Nicobar Islands.

var. *multiflora* Hook. f., Fl. Brit. India 6: 86. 1890.

E. Himalaya.

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S. India, Andaman & Nicobar Islands.

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E. Himalaya, N.E. India.

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India (locality?).

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N.E. India.

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N.E. India, Andaman & Nicobar Islands.

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N.E. India.

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S. India.

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Kerala.

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E. Himalaya.

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Temperate E. to C. Himalaya.

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E & N.E. India.

Trias stocksii Bth. ex Hook. f., Fl. Brit. India 5: 781. 1890.
Peninsular India.

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Nicobar Islands.

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Peninsular India, Nicobar Islands.

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Nicobar Islands.

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S. India.

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E. to C. Himalaya N.E. India.

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Eria rufinula Reichb. f. in Hamb. Gartenzeit. 19: 13. 1863; Hook. f., Ic.
Tropical E. Himalaya, N.E. India.

TROPIDIA Lindl. in Bot. Reg. 19: sub t. 1618. 1833.

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Peninsular & N.E. India, E. Himalaya.

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Peninsular and N.E. India, Himalaya.

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E. Himalaya.

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Uncifera acuminata Lindl. in J. Linn. Soc. 3: 40. 1858.

Saccolabium acuminatum (Lindl.) Hook. f., Fl. Brit. India 6: 65. 1890.
E. Himalaya, N.E. India.

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E. Himalaya.

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E. Himalaya, N.E. India.

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Subtropical Himalaya, N.E. India.

Vanda bicolor Griff., Notul. 3: 354. 1851; Hook. f., Fl. Brit. India 6: 52. 1890.
E. Himalaya, N.E. India.

Vanda coerulea Griff. ex Lindl. in Bot. Reg. n. a. 33: t. 30. 1847; Hook. f., Fl. Brit. India 6: 51. 1890.
E. Himalaya, N.E. India.

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Tropical Himalaya, N.E. India.

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N.E. India.

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N.E. India.

Vanda pumila Hook. f., Fl. Brit. India 6: 53. 1890.
Himalaya.

Vanda spathulata (L.) Spr., Syst. Veg. 3: 719. 1826; Wight, Ic. t. 915. 1844; Hook. f., Fl. Brit. India 6: 50. 1890.

Epidendrum spathulatum L., Sp. Pl. 1348. 1753.
Peninsular India.

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N.E. India.

Vanda tessellata (Roxb.) Hook. ex G. Don in Loud., Hort. Brit. 372. 1830.

Epidendrum tessellatum Roxb., Pl. Cor. 1: 34, t. 42. 1795.

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Throughout India.

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Throughout India except N.W. India.

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VRYDAGZYNEA Bl., Coll. Orchid. 71. 1858 & Fl. Jav. Nova 60. 1858.

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Etperia albida Bl., Bijdr. 410. 1825.

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Zeuxine affinis (Lindl.) Bth. ex Hook. f., Fl. Brit. India 6: 108. 1890.

Monochilus affine Lindl., Gen. Sp. Orchid. 487. 1840. E. & N.E. India, Himalaya.

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Monochilus flavum Wall. ex Lindl., Gen. Sp. Orchid. 487. 1840. Himalaya, N.E. India.

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E. Himalaya.

Zeuxine goodyeroides Lindl., Gen. Sp. Orchid. 486. 1840; Hook. f., Fl. Brit. India 6: 107. 1890.
E. to C. Himalaya, N.E. India.

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Psychechilos gracile Breda, Gen. Sp. Orchid. t. 9. 1827.

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Peninsular India.

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E. Himalaya.

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Peninsular, E. & N.E. India; C. Himalaya.

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E. India.

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E. to C. Himalaya, E. & N.E. India.

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E. Himalaya.

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E. Himalaya.

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Andaman & Nicobar Islands.

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Pterygodium sulcatum Roxb., Fl. Ind. 3: 452. 1832.

Zeuxine sulcata (Roxb.) Lindl. in Royle, Ill. Bot. Himal. 1: 368. 1839; Hook. f., Fl. Brit. India 6: 106. 1890.

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Throughout India.

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Andaman & Nicobar Islands.

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Andaman & Nicobar Islands.

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Andaman & Nicobar Islands.

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N.E. India.

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S. India.

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N.E. India.

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India.

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Peninsular to E. & N.E. India.

Pandanus furcatus Roxb., Fl. Ind. 3: 744. 1832; Hook. f., Fl. Brit. India 6: 484. 1893, *p.p.*
E. Himalaya, N.E. India, Andaman & Nicobar Islands.

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S. India.

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India.

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Andaman & Nicobar Islands.

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E. Himalaya, N.E. India.

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E. to C. Himalaya.

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Throughout India.

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E. Himalaya.

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S. India.

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Endemic in Tamil Nadu.

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Plains of India.

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Acroceras munroanum (Balansa) Henr. in Blumea 3: 445. 1940; Bor, Grass. Ind. 275. 1960.

Panicum munroanum Balansa in Morot, J. de Bot. 4: 140. 1890.

Panicum latifolium sensu Hook. f., Fl. Brit. India 7: 39. 1896 non L. 1753.
S., E. & N.E. India.

Acroceras tonkinense (Balansa) C.E. Hubb. ex Bor in Indian For. Rec. (Bot.) 1(3): 78. 1938 & Grass. Ind. 275. 1960.

Panicum tonkinense Balansa in Morot, J. de Bot. 4: 140. 1890.

Panicum latifolium var. *majus* Hook. f., Fl. Brit. India 7: 39. 1896.
N.E. India.

Acroceras zizanioides (H.B.K.) Dandy in J. Bot. 69: 54. 1931; Bor, Grass. Ind. 275. 1960.

Panicum zizanioides H.B.K., Nov. Gen. Sp. Pl. 1: 100. 1816.

Panicum latifolium sensu Hook. f., Fl. Brit. India 7: 39. 1896 *p.p.* non L., 1753.
E. & N.E. India.

AELUROPOUS Trin., Fund. Agrost. 143. 1822 ('1820').

Aeluropus lagopoides (L.) Trin. ex Thw., Enum. Pl. Zeyl. 374. 1864 ('*lagopodioides*'); Bor, Grass. Ind. 380. 1960.

Dactylis lagopoides L., Mant. 33. 1767.

Aeluropus villosus Trin. ex C.A. Mey., Verz. Pfl. Cauc. 18. 1831; Hook. f., Fl. Brit. India 7: 334. 1896.
Sandy shores of Peninsular to E. India.

AGROPOGON P. Fourn., Quart. Fl. France 50. 1934.

AGROSTIS L. 1753 x **POLYPOGON** Desf. 1798.

x *Agropogon lutosus* (Poir.) P. Fourn. in Le Monde des Plantes 36 (no.213): 20. 1935; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 471. 1982.

Agrostis lutosa Poir. in Lam., Encycl. Suppl. 1: 249. 1810 based on *Agrostis littoralis* J.E. Sm.

Agrostis subaristata Aitch. & Hemsl. in J. Linn. Soc. 19: 192, t. 29. 1881; Hook. f., Fl. Brit. India 7: 255. 1896; Bor, Grass. Ind. 390. 1960.

Polypogon littoralis J.E.Sm., Compend. Pl. Brit.ed. 2. 13. 1816; Hook. f., Lc. 246.

Polypogon subaristatus (Aitch. & Hemsl.) Sunanda & Jain in Curr. Sci. 49: 444. 1980.
Temperate W. & E. Himalaya, N.E. India.

AGROPYRON Gaertn. in Nov. Comment. Acad. Sci. Imp. Petrop. 14: 539. 1770.

Agropyron diamensum P. Candargy, Etude Monogr. Hordees (Archiv. Biol. Veg., Athenes, Fasc. 1) 24, in Clavi, 44. 1901.
India (locality ?).

AGROSTIS L., Sp. Pl. 61. 1753.

Agrostis brachiata Munro ex Hook. f., Fl. Brit. India 7: 256. 1896; Bor, Grass. Ind. 386. 1960.
E. India.

Agrostis filipes Hook. f., Fl. Brit. India 7: 256. 1896; Bor, Grass. Ind. 387. 1960.
N.E. India.

Agrostis griffithiana (Hook. f.) Bor, Grass. Ind. 387. 1960.

Calamagrostis griffithiana Hook. f., Fl. Brit. India 7: 263. 1896.
N.E. India.

Agrostis himalayana Bor in Kew Bull. 1953: 269. 1953 & Grass. Ind. 387. 1960.
E. Himalaya, N.E. India.

Agrostis hissarica Roshev. in Bot. Mater. Gerb. Glavn. Bot. sada 4: 93. 1923; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 475. 1982.

Agrostis stewartii Bor in Kew Bull. 11: 255. 1956 & Grass. Ind. 390. 1960.

Polypogon hissaricus (Roshev.) Bor in Rech. f., Fl. Iran. 70: 307. 1970.
N.W. Himalaya.

Agrostis hookeriana C.B.Cl. ex Hook. f., Fl. Brit. India 7: 256. 1896; Bor, Grass. Ind. 387. 1960.
E. to C. Himalaya.

Agrostis inaequalglumis Griseb. in Goett. Nachr. 60. 1868; Hook. f., Fl. Brit. India 7: 257. 1896; Bor, Grass. Ind. 387. 1960.
E. to C. Himalaya.

Agrostis miterantha Steud., Syn. Pl. Glum. 1: 170. 1854; Hook.f., Fl. Brit. India 7: 256. 1896; Bor, Grass. Ind. 388. 1960.
E. to C. Himalaya, N.E. India.

- Agrostis munroana* Aitch. & Hemsl. in J. Linn. Soc. 19: 192. 1881; Bor, Grass. Ind. 388. 1960.
- Calamagrostis munroana* (Aitch. & Hemsl.) Boiss., Fl. Orient 5: 523. 1884; Hook. f., Fl. Brit. India 7: 263. 1896.
- Calamagrostis munroana* var. *stricta* Hook. f., l.c.
- ssp. *munroana*.
W. to C. Himalaya.
- ssp. *indica* Sunanda & Jain in Bull. Bot. Surv. India 25: 205, f. 1. (1983) 1985.
W. Himalaya.
- Agrostis myriantha* Hook. f., Fl. Brit. India 7: 257. 1896; Bor, Grass. Ind. 388. 1960.
- Agrostis myriantha* var. *khasiana* Hook. f., l.c.
- Agrostis myriantha* var. *sikkimensis* Hook. f., l.c.
- Agrostis platyphylla* Mez in Fedde, Repert. 17: 302. 1921.
E. to C. Himalaya, N.E. India.
- Agrostis neodebilis* Bennet & Raiz. in Indian Forester 107: 433. 1981.
- Calamagrostis debilis* Hook. f., Fl. Brit. India 7: 262. 1896.
- Agrostis debilis* (Hook. f.) Bor, Grass. Ind. 387, 1960 non Poir. 1810.
E. Himalaya.
- Agrostis nervosa* Nees ex Trin. in Mem. Acad. Sci. Petersb. 6, 6: 328. 1841; Bor, Grass. Ind. 388. 1960.
- Agrostis clarkei* Hook. f., Fl. Brit. India 7: 257. 1896.
Himalaya.
- Agrostis peninsularis* Hook. f., Fl. Brit. India 7: 255. 1896; Bor, Grass. Ind. 389. 1960.
S. Indian hill tops.
- Agrostis pilosula* Trin. in Mem. Acad. Sci. Petersb. 6, 6: 372. 1841; Bor, Grass. Ind. 388. 1960.
- Agrostis ciliata* Trin., l.c. 373.
- Agrostis royleana* Trin., l.c. 371.
- Agrostis wallichiana* Steud., Syn. Pl. Glum. 1: 174. 1854.
- Calamagrostis pilosula* (Trin.) Hook. f., Fl. Brit. India 7: 263. 1896.
- Calamagrostis pilosula* var. *ciliata* (Trin.) Hook. f., l.c. 264.
- Calamagrostis pilosula* var. *alpestris* Hook. f., l.c.
- Calamagrostis pilosula* var. *scabra* Hook. f., l.c.
- Calamagrostis pilosula* var. *wallichiana* Hook. f., l.c.
- Calamagrostis jacquemontii* Hook. f., l.c. 265.
- Agrostis pilosula* var. *filifolia* Bor, l.c.
- Agrostis pilosula* var. *royleana* (Trin.) Bor, l.c.
- Agrostis pilosula* var. *wallichiana* (Hook. f.) Bor, l.c.
- Agrostis pilosula* var. *alpestris* (Hook.f.) Veldk. in Blumea 28: 203. 1982.
- Agrostis pilosula* f. *ciliata* (Trin.) Sunanda & Jain in Bull. Bot. Surv. India 25: 210. (1983) 1985.
- Agrostis pilosula* f. *filifolia* (Bor) Sunanda & Jain, l.c.
- Agrostis pilosula* f. *wallichiana* (Steud.) Sunanda & Jain, l.c.
S. India, Himalaya.
- Agrostis schmidii* (Hook.f.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1810. 1934; Bor, Grass. Ind. 389. 1960.
- Calamagrostis schmidii* Hook. f., Fl. Brit. India 7: 264. 1896.
Tamil Nadu (Nilgiri Hills).
- Agrostis sikkimensis* Bor in Kew Bull. 1954: 502. 1954; & Grass. Ind. 390. 1960.
- Agrostis divaricata* Griseb. in Goett. Nachr. 81. 1868 non Hoffman, 1800; Hook. f., Fl. Brit. India 7: 258. 1896.
E. to C. Himalaya.
- Agrostis stolonifera* L., Sp. Pl. 62. 1753; Bor, Grass. Ind. 390. 1960.
- Agrostis alba* sensu Hook. f., Fl. Brit. India 7: 254. 1896 non L. 1753.
- var. *stolonifera*.
S. India, Himalaya.
- var. *ramosa* (S.P.Gray) Veldk. in Blumea 28: 223. 1982.
- Agrostis gigantea* Roth, Fl. Germ. 1: 31. 1788; Bor, Grass. Ind. 387. 1960.

Vilfa alba var. *ramosa* S.F.Gray, Nat. Arr. Brit. Fl. 45. 1821.

W. to C. Himalaya.

Agrostis tenuis Sibth., Fl. Oxon. 36. 1794; Bor. Grass. Ind. 391. 1960.

Introduced in temperate situations.

Agrostis triaristata (Hook. f.) Bor, Grass. Ind. 391. 1960.

Deyeuxia triaristata Hook. f., Fl. Brit. India 7: 266. 1896.

Calamagrostis tripilifera Hook. f., l.c. 262.

E. to C. Himalaya.

Agrostis tungnathii Sunanda & Jain in Bull. Bot. Surv. India 25: 204, f. 1. (1983) 1985.

W. Himalaya.

Agrostis vinealis Schreb., Spicil. Fl. Lips. 47. 1771; T. A. Cope in Nasir & Ali, Fl. Pak. 143: 478. 1982.

Agrostis canina auct. non L. 1753; Hook. f., Fl. Brit. India 7: 253. 1896; Bor, Grass. Ind. 386. 1960.

Nilgiri Hills; N.W. Himalaya.

Agrostis viridis Gouan, Hort. Reg. Monsp. 546. 1762; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 473. 1982.

Phalaris semiverticillata Forsk., Fl. Aeg.-Arab. 17. 1775.

Agrostis verticillata Vill., Prosp. Pl. Dauph. 16. 1779; Hook. f., Fl. Brit. India 7: 254. 1896.

Polypogon litoralis Sm. var. *muticus* Hook. f., l.c. 246.

Agrostis semiverticillata (Forsk.) Christ. in Dansk. Bot. Archiv. 4, no. 3: 12. 1922; Bor, Grass. Ind. 389. 1960.

N.W. India, N.W. Himalaya.

Agrostis wardii Bor in Kew Bull. 1949: 444. 1949 & Grass. Ind. 391. 1960.

N.E. India.

Agrostis zenkeri Trin. in Mem. Acad. Sci. Petersb. 6, 6: 363. 1841; Bor, Grass. Ind. 392. 1960.

Deyeuxia abnormis Hook. f., Fl. Brit. India 7: 268. 1896.

Agrostis pleiophylla Mez in Fedde, Reprint. 17: 301. 1921.

S. & N.E. India, E. to C. Himalaya.

AIRA L., Sp. Pl. 63. 1753.

Aira caryophyllea L., Sp. Pl. 66. 1753; Hook. f., Fl. Brit. India 7: 272. 1896; Bor, Grass. Ind. 430. 1960.

N.W. Himalaya.

ALLOTEROPSIS C.B. Presl, Rel. Haenk. 1: 343. 1830.

Alloteropsis cimicina (L.) Stapf in Prain, Fl. Trop. Afr. 9: 487. 1919; Bor, Grass. Ind. 276. 1960.

Milium cimicinum L., Mant. Ait. 184. 1771.

Axonopus cimicinus (L.) P. Beauv., Ess. Agrost. 12. 1812; Hook. f., Fl. Brit. India 7: 64. 1896.

Throughout India, in plains and foot hills.

Alloteropsis semialata (R. Br.) Hitchc. in Contrib. U.S. Nat. Herb. 12: 210. 1909; Bor, Grass. Ind. 276. 1960.

Panicum semialatum R. Br., Prodr. 192. 1810.

Axonopus semialatus (R.Br.) Hook. f., Fl. Brit. India 7: 64. 1896.

var. *semialata*.

S., E. & N.E. India, Himalaya.

var. *eckloniana* (Nees) C.E. Hubb. ex Bor, Grass. Ind. 277. 1960.

Bluffia eckloniana Nees in Lehm., Ind. Sem. Hort. Hamburg 1834: 8. 1834.

N.E. India, Himalaya.

var. *viatica* (Griff.) Ellis & Karthik. in Bull. Bot. Surv. India 13: 175. (1971) 1974 & in J. Bombay nat. Hist. Soc. 70: 594. (1973) 1974.

Aira viatica Griff., Notul. 3: 54. 1851.

Axonopus semialatus Hook. f., Fl. Brit. India 7: 64. 1896 p.p.

S. & N.E. India.

ALOPECURUS L., Sp. Pl. 60. 1753.

Alopecurus nequalls Sobol., Fl. Petrop. 16. 1799; Bor, Grass. Ind. 392. 1960.

Alopecurus aristulatus Michx., Fl. Bor. Am. 1: 43. 1803; Hook. f., Fl. Brit. India 7: 238. 1896.

W. to C. Himalaya.

Alopecurus arundinaceus Poir. in Lam., *Encycl.* 8: 766. 1808; Hook. f., *Fl. Brit. India* 7: 238. 1896; Bor, *Grass. Ind.* 393. 1960.

W. Himalaya.

Alopecurus geniculatus L., *Sp. Pl.* 60. 1753; Hook. f., *Fl. Brit. India* 7: 239. 1896; Bor, *Grass. Ind.* 393. 1960.

Temperate & Subtropical Himalaya.

Alopecurus himalaicus Hook. f., *Fl. Brit. India* 7: 236. 1896; Bor, *Grass. Ind.* 393. 1960.

N.W. Himalaya.

Alopecurus myosuroides Huds., *Fl. Angl.* 23. 1762; Bor, *Grass. Ind.* 393. 1960.

Alopecurus agrestis L., *Sp. Pl. ed. 2.* 1: 89. 1762; Hook. f., *Fl. Brit. India* 7: 239. 1896.

N.W. & N.E. India, W. Himalaya.

Alopecurus nepalensis Trin. ex Steud., *Syn. Pl. Glum.* 1: 148. 1854; Hook. f., *Fl. Brit. India* 7: 239. 1896; Bor, *Grass. Ind.* 393. 1960.

N.W. India, W. to C. Himalaya.

ANDROPOGON L., *Sp. Pl.* 1045. 1753.

Andropogon asclnods C.B.Cl. in *J. Linn. Soc.* 25: 87, t. 36. 1889; Bor, *Grass. Ind.* 90. 1960.

Andropogon apricus sensu Hook. f., *Fl. Brit. India* 7: 169. 1896 non Trin. 1836.

S., E. & N.E. India.

Andropogon gayanus Kunth, *Enum. Pl.* 1: 491. 1833; Bor, *Grass. Ind.* 90. 1960.

Introduced.

Andropogon halili Hack. in *Sitzb. Akad. Wiss. Math. Nat. Wien* 89: 127. 1884; Bor, *Grass. Ind.* 90. 1960.

Introduced.

Andropogon lividus Thw., *Enum. Pl. Zeyl.* 367. 1864; Hook. f., *Fl. Brit. India* 7: 209. 1896; Bor, *Grass. Ind.* 91. 1960.

Tamil Nadu (Nilgiri Hills).

Andropogon longipes Hack. in *Flora* 68: 138. 1885; Hook. f., *Fl. Brit. India* 7: 170. 1896; Bor, *Grass. Ind.* 91. 1960.

Tamil Nadu (Nilgiri Hills).

Andropogon munroi C.B.Cl. in *J. Linn. Soc.* 25: 87, t. 37. 1889 (*char. reform.*); Hook. f., *Fl. Brit. India* 7: 171. 1896; Bor, *Grass. Ind.* 91. 1960.

Andropogon tristis Nees ex Hack. in DC., *Monogr. Phan.* 6: 439. 1889; Hook. f., *Lc.* 169; Bor, *Lc.* 93.

Andropogon hookeri Munro ex Hack., *Lc.* 614; Hook. f., *Lc.* 209.

Cymbopogon hookeri (Munro ex Hack.) Stapf ex Bor in *Indian For. Rec. (Bot.)* 1, 3: 92. 1938 & *Lc.* 128.

N.E. India, Himalaya.

Andropogon polytychus Steud., *Syn. Pl. Glum.* 1: 380. 1854; Hook. f., *Fl. Brit. India* 7: 198. 1896; Bor, *Grass. Ind.* 91. 1960; Shetty *et al.* in *Bull. Bot. Surv. India* 15: 276. (1973)1976.

Dichanthium polytychum (Steud.) A. Camus in *Bull. Mus. Hist. Nat. Paris* 27: 549. 1921; Bor, *Lc.* 135.

Dichanthium polytychum var. *deccanensis* Bor, *Lc.*

Andropogon polytychus var. *deccanensis* Bor ex W.D. Clayton in *Kew Bull.* 27: 448. 1972.

S. India.

Andropogon pumilus Roxb., *Fl. Ind.* 1: 277. 1820; Hook. f., *Fl. Brit. India* 7: 170. 1896; Bor, *Grass. Ind.* 93. 1960.

Drier parts of India.

ANISELYTRON Merr. in *Philipp. J. Sci.* 5: 328. 1910; Bennet & Raiz. in *Indian Forester* 107: 434. 1981.

AULACOLEPIS Hack. in *Fedde, Repert.* 3: 241. 1907 non Eting. 1893.

Aniselytron treutleri (O.Ktze.) Bennet & Raiz. in *Indian Forester* 107: 434. 1981.

Milium treutleri O. Ktze., *Rev. Gen. Pl.* 2: 780. 1891, *p.p.*

Deyeuxia treutleri (O.Ktze.) Stapf in Hook. f., *Fl. Brit. India* 7: 269. 1896.

Aulacolepis treutleri (O. Ktze.) Hack. in *Fedde, Repert.* 3: 242. 1907; Bor, *Grass. Ind.* 394. 1960.

E. Himalaya.

ANTHOXANTHUM L., *Sp. Pl.* 28. 1753.

Anthoxanthum borii Jain & Pat in *J. Bombay nat. Hist. Soc.* 72: 92. 1975.

S. India (Pulney Hills).

Anthoxanthum clarkii (Hook.f.) Ohwi in Bull. Tokyo Sci. Mus. 18: 8. 1947; Bor, Grass. Ind. 431. 1960.

Hierochloa clarkii Hook. f., Fl. Brit. India 7: 223. 1896.
N.E. India.

Anthoxanthum hookeri (Griseb.) Rendle in J. Linn. Soc. 36: 380. 1904; Bor, Grass. Ind. 431. 1960.

Ataxia hookeri Griseb. in Goett. Nachr. 77. 1868.

Hierochloa hookeri (Griseb.) C.B.Cl. ex Hook. f., Fl. Brit. India 7: 223. 1896.
E. to C. Himalaya.

Anthoxanthum odoratum L., Sp. Pl. 28. 1753; Hook. f., Fl. Brit. India 7: 222. 1896; Bor, Grass. Ind. 431. 1960.

Introduced or escape from cultivation. Occasionally found in temperate situations.

Anthoxanthum sikkimense (Maxim.) Ohwi in Bull. Tokyo Sci. Mus. 18: 8. 1947; Bor, Grass. Ind. 431. 1960.

Hierochloa sikkimensis Maxim. in Bull. Acad. Sci. Petersb. 32: 626. 1888.

Hierochloa gracillima Hook. f., Fl. Brit. India 7: 223. 1896.
E. to C. Himalaya.

APLUDA L., Sp. Pl. 82. 1753.

Apluda mutica L., Sp. Pl. 82. 1753; Bor, Grass. Ind. 93. 1960.

Apluda varia Hack. in DC., Monogr. Phan. 6: 196. 1889; Hook. f., Fl. Brit. India 7: 150. 1896.

Apluda varia ssp. *aristata* Hack., *l.c.*; Hook. f., *l.c.* 151.

Apluda varia ssp. *aristata* Hack. var. *ciliata* Hook. f., *l.c.* 151.

Apluda varia ssp. *aristata* var. *rostrata* Hook. f., *l.c.*

Apluda varia ssp. *aristata* var. *villosula* Hook. f., *l.c.*

Apluda varia ssp. *mutica* Hack., *l.c.*; Hook. f., *l.c.* 150.

Apluda varia ssp. *mutica* var. *humilis* Hook. f., *l.c.*

Throughout warmer and low hilly regions of India.

APOCOPIS Nees in Proc. Linn. Soc. London 1: 93. 1841.

Apocopsis courtallumensis (Steud.) Henr. in Blumea 4: 524. 1941; Bor, Grass. Ind. 95. 1960.

Andropogon courtallumensis Steud., Syn. Pl. Glum. 1: 377. 1854.

Apocopsis wightii Nees ex Thw., Enum. Pl. Zeyl. 365. 1864; Hook. f., Fl. Brit. India 7: 142. 1896.

S. India.

Apocopsis mangalorensis (Hochst.) Henr. in Blumea 4: 523. 1941; Bor, Grass. Ind. 96. 1960.

Amblyachyrum mangalorensis Hochst. in Flora 39: 26. 1856.

Peninsular India.

Apocopsis paleacea (Trin.) Hochr. in Bull. N.Y. Bot. Gdn. 6: 262. 1910; Bor, Grass. Ind. 96. 1960.

Ischaemum paleaceum Trin. in Mem. Acad. Sci. Petersb. 6, 2: 293. 1832.

Apocopsis royleanus Nees in Ann. Mag. Nat. Hist. 7: 142. 1841; Hook. f., Fl. Brit. India 7: 142. 1896.

Subtropical Himalaya, N.E. India.

Apocopsis vaginata Hack. in Oest. Bot.Z. 41: 8. 1891; Bor, Grass. Ind. 96. 1960.

Apocopsis wightii var. *vaginata* (Hack.) Hook. f., Fl. Brit. India 7: 143. 1896.

S., C., E. & N. India.

ARISTIDA L., Sp. Pl. 82. 1753.

Aristida adscensionis L., Sp. Pl. 82. 1753; Hook. f., Fl. Brit. India 7: 224. 1896; Bor, Grass. Ind. 407. 1960.

Aristida depressa Retz., Obs. Bot. 4: 22. 1786; Bor, *l.c.* 409.

- Aristida pumila* DCne. in Ann. Sci. Nat. 2, 4: 85. 1835.
- Aristida adscensionis* var. *pumila* (DCne.) Coss. & Dur., Fl. d' Alger. Glum. 84. 1855; Bor, l.c. Throughout drier parts of India.
- Aristida cumingiana* Trin. & Rupr., Sp. Gram. Stip. 141. 1842 & in Mem. Acad. Sci. Petersb. 6, 7: 141. 1843; Hook. f., Fl. Brit. India 7: 224. 1896; Bor, Grass. Ind. 409. 1960. E. India.
- Aristida cyanantha* Nees ex Steud., Syn. Pl. Glum. 1: 141. 1854; Hook. f., Fl. Brit. India 7: 225. 1896; Bor, Grass. Ind. 409. 1960. N.W. India & Himalaya.
- Aristida funiculata* Trin. & Rupr., Sp. Gram. Stip. 159. 1842 & in Mem. Acad. Sci. Petersb. 6, 7: 159. 1843; Hook. f., Fl. Brit. India 7: 226. 1896; Bor, Grass. Ind. 410. 1960.
- Aristida royleana* Trin. & Rupr., l.c. 160; Bor, l.c. 412.
- Aristida mallica* Edgew. in J. Linn. Soc. 6: 209. 1862.
- Aristida funiculata* var. *royleana* (Trin. & Rupr.) Hook. f., l.c. 227.
- Aristida funiculata* var. *mallica* (Edgew.) Henr., Mon. Aristida 90. 1929; Bor, l.c. 410. Peninsular & N.W. India.
- Aristida hystriola* Edgew. in J. Linn. Soc. 6: 208. 1862; Hook. f., Fl. Brit. India 7: 227. 1896; Bor, Grass. Ind. 410. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 46. 1982. May occur in N.W. India (T.A. Cope, l.c.).
- Aristida hystrix* L. f., Suppl. Pl. 113. 1781; Hook. f., Fl. Brit. India 7: 225. 1896; Bor, Grass. Ind. 410. 1960. Peninsular India.
- Aristida mutabilis* Trin. & Rupr. in Sp. Gram. Stip. 150. 1842 & in Mem. Acad. Petersb. 6, 7: 150. 1843; Hook. f., Fl. Brit. India 7: 226. 1896; Bor, Grass. Ind. 411. 1960. S. & N.W. India.
- Aristida redacta* Stapf in Kew Bull. 1892: 85. 1892; Hook. f., Fl. Brit. India 7: 227. 1896; Bor, Grass. Ind. 412. 1960. Peninsular, C. & E. India.
- Aristida setacea* Retz., Obs. Bot. 4: 22. 1786; Hook. f., Fl. Brit. India 7: 225. 1896; Bor, Grass. Ind. 412. 1960. E. to S. India.
- Aristida stocksii* (Hook.f.) Domin in Bibl. Bot. Heft 85: 338. 1915; Bor, Grass. Ind. 412. 1960.
- Aristida funiculata* Trin. & Rupr. var. *stocksii* Hook. f., Fl. Brit. India 7: 227. 1896. Peninsular India.
- ARTHAXON P. Beauv., Ess. Agrost. 111, t. 11, f. 6. 1812.
- Arthraxon castratus* (Griff.) Narayanasw. ex Bor, Fl. Assam 5: 376. 1940 & Grass. Ind. 99. 1960; Welzen in Blumea 27: 263. 1981.
- Andropogon castratus* Griff., Notul. 3: 89. 1851.
- Andropogon rudis* Steud., Syn. Pl. Glum. 1: 383. 1854.
- Arthraxon rudis* (Steud.) Hochst. in Flora 39: 188. 1856; Hook. f., Fl. Brit. India 7: 144. 1896. Peninsular, N.E. India.
- Arthraxon depressus* Stapf ex C.E.C. Fischer in Kew Bull. 1933: 350. 1933; Bor, Grass. Ind. 99. 1960; Welzen in Blumea 27: 265. 1981. S. India.
- Arthraxon hispidus* (Thunb.) Makino in Bot. Mag. Tokyo 26: 214. 1912; Bor, Grass. Ind. 99. 1960; Welzen in Blumea 27: 266. 1981.
- Phalaris hispida* Thunb., Fl. Jap. 44. 1784.
- Arthraxon ciliaris* P. Beauv., Ess. Agrost. 111, 152, t. 11, f. 6. 1812; Hook. f., Fl. Brit. India 7: 145. 1896.
- Bathatherum micans* Nees in Edinb. New Phil. J. 18: 182. 1835.
- Alectoridia quartimiana* A. Rich., Tent. Fl. Abyss. 2: 448, t. 99. 1851.
- Andropogon nudus* Steud., Syn. Pl. Glum. 1: 383. 1854.
- Andropogon submuticus* Nees ex Steud., l.c.; 382.
- Arthraxon micans* (Nees) Hochst. in Flora 39: 188. 1856; Bor, l.c. 101.
- Arthraxon nudus* (Steud.) Hochst., l.c.; Bor, l.c.
- Arthraxon submuticus* (Nees ex Steud.) Hochst. l.c. Hook. f., l.c. 144; Bor, l.c. 102.

- Arthraxon breviaristatus* Hack. in DC., Monogr. Phan. 6: 350. 1889; Hook. f., l.c.; Bor, l.c. 99.
- Arthraxon ciliaris* ssp. *quartinianus* Hack. var. *hookeri* Hack. in DC., l.c. 357.
- Arthraxon inermis* Hook. f., l.c. 145; Bor, l.c. 100.
- Arthraxon quartinianus* (A. Rich.) Nash in N. Amer. Flora 17: 99. 1912; Bor, l.c. 102.
- Arthraxon hookeri* (Hack.) Henr. in Blumea 4: 526. 1941; Bor, l.c. 99.
- Arthraxon nitidulus* Stapf ex Bor, l.c. 688.
- Arthraxon satarensis* Almeida in J. Bombay nat. Hist. Soc. 66: 515. 1970 *emend.* Deshpande & Hemadri in Bull. Bot. Surv. India 12: 274. 1970.
- Arthraxon inermis* Hook. f. var. *tzvelevii* Jain in Sci. & Cult. 37: 55. 1971.
- var. *hispidus*.
Throughout India.
- var. *junnarensis* (Jain & Hemadri) Welzen in Blumea 27: 277. 1981.
- Arthraxon junnarensis* Jain & Hemadri in J. Bombay nat. Hist. Soc. 68: 300. 1971.
Maharashtra.
- var. *santapaul* (Bor) Welzen in Blumea 27: 280. 1981.
- Arthraxon santapauli* Bor in Kew Bull. 1951: 446. 1952 & Grass. Ind. 102. 1960.
W. India, W. Himalaya.
- Arthraxon jubatus* Hack. in DC., Monogr. Phan. 6: 358. 1889; Hook. f., Fl. Brit. India 7: 147. 1896; Bor, Grass. Ind. 100. 1960; Welzen in Blumea 27: 280. 1981.
Endemic in W. Ghats.
- Arthraxon lanceolatus* (Roxb.) Hochst. in Flora 39: 188. 1856; Hook. f., Fl. Brit. India 7: 143. 1896; Bor, Grass. Ind. 100. 1960; Welzen in Blumea 27: 283. 1981.
- Andropogon lanceolatus* Roxb., Fl. Ind. 1: 262. 1820.
- Andropogon prionodes* Steud., Syn. Pl. Glum. 1: 383. 1854.
- Arthraxon prionodes* (Steud.) Dandy in Andrews, Fl. Pl. Sudan 3: 399. 1956; Bor, l.c. 101.
- Arthraxon deccanensis* Jain in J. Bombay nat. Hist. Soc. 68: 298. 1971.
- var. *lanceolatus*.
Throughout India.
- var. *echinatus* (Nees) Hack. in DC., Monogr. Phan. 6: 348. 1889; Welzen in Blumea 27: 285. 1981.
- Bathratherum echinatum* Nees in Edinb. New Phil. J. 18: 181. 1835.
- Arthraxon echinatus* (Nees) Hochst. in Flora 39: 188. 1856; Bor, Grass. Ind. 99. 1960.
- Arthraxon spathaceus* Hook. f., Fl. Brit. India 7: 145. 1896.
India.
- var. *meeboldii* (Stapf) Welzen in Blumea 27: 285. 1981.
- Arthraxon meeboldii* Stapf in Kew Bull. 1908: 449. 1908; Bor, Grass. Ind. 101. 1960.
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Endemic in Maharashtra.
- var. *raizadae* (Jain, Hemadri & Deshpande) Welzen in Blumea 27: 287. 1981.
- Arthraxon raizadae* Jain, Hemadri & Deshpande in J. Indian Bot. Soc. 51: 103. 1972.
Maharashtra.
- var. *villosus* (C.E.C. Fischer) Welzen in Blumea 27: 288. 1981.
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Peninsular India.
- Arthraxon lancifolius* (Trin.) Hochst. in Flora 39: 188. 1856; Bor, Grass. Ind. 100. 1960; Welzen in Blumea 27: 288. 1981.
- Andropogon lancifolius* Trin. in Mem. Acad. Sci. Petersb. 6, 2: 271. 1832.
- Arthraxon microphyllus* sensu Hook. f., Fl. Brit. India 7: 147. 1896 *p.p. non* (Trin.) Hochst. 1856.
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- Arthraxon microphyllus* var. *hindustanicus* (Jain & Deshpande) S.M. & M.R. Almeida in J. Bombay nat. Hist. Soc. 82: 445. 1985.

Throughout India.

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Panicum bengalense Spr., Syst. Veg. 1: 311. 1825.

Arundinella wallichii Nees ex Steud., Syn. Pl. Glum. 1: 114. 1854; Hook. f., Fl. Brit. India 7: 75. 1896. India.

Arundinella birmanica Hook. f., Fl. Brit. India 7: 73. 1896; Hsu in Hara, Fl. E. Himal. 351. 1966. Nepal.

Arundinella cannanorica V.J. Nair, Sreekumar & N.C. Nair in J. Bombay nat. Hist. Soc. 80: 396, f. 11. (1983) 1984. Kerala.

Arundinella ciliata (Roxb.) Nees ex Miq. in Verh. Konink. Nederl. Inst. 3, Pt. 4: 30. 1851; Bor, Grass. Ind. 421. 1960.

Holcus ciliatus Roxb., Fl. Ind. 1: 321. 1820.

Arundinella agrostoides Hook. f., Fl. Brit. India 7: 71. 1896 *non* Trin. 1836.

Arundinella agrostoides var. *ciliata* (Roxb.) Hook. f., *l.c.* Peninsular India.

Arundinella decempedalis (O.Ktze.) Jan. in Fedde, Repert. 17: 84. 1921; Bor, Grass. Ind. 422. 1960.

Panicum decempedale O.Ktze., Rev. Gen. Pl. 2: 783. 1891.

Arundinella clarkei Hook. f., Fl. Brit. India 7: 75. 1896. Plains of E. & N.E. India.

Arundinella hookeri Munro ex Keng in Nat. Centr. Univ. Sci. Rep. B, 2, n. 3, 50. 1936; Bor, Grass. Ind. 422. 1960.

Arundinella villosa Arn. ex Steud. var. *himalaica* Hook. f., Fl. Brit. India 7: 73. 1896. C. to E. Himalaya.

Arundinella intricata Hughes in Kew Bull. 1920: 112. 1920; Bor, Grass. Ind. 422. 1960. N.E. India.

Arundinella khaseana Nees ex Steud., Syn. Pl. Glum. 1: 115. 1854; Hook. f., Fl. Brit. India 7: 71. 1896; Bor, Grass. Ind. 422. 1960. N.E. India.

Arundinella leptochloa (Nees ex Steud.) Hook. f., Fl. Brit. India 7: 76. 1896; Bor, Grass. Ind. 423. 1960.

Panicum leptochloa Nees ex Steud., Syn. Pl. Glum. 1: 62. 1854.

Arundinella gigantea Dalz. in Dalz. & Gibs., Bombay Fl. 293. 1861; Hook. f., *l.c.* 76.

Arundinella lawsoni Hook. f., *l.c.* 76. Peninsular India.

Arundinella mesophylla Nees ex Steud., Syn. Pl. Glum. 1: 115. 1854; Hook. f., Fl. Brit. India 7: 69. 1896; Bor, Grass. Ind. 423. 1960. Peninsular India.

Arundinella metzlii Hochst. ex Miq. in Verh. Nederl. Inst. 3(4): 31. 1851; Hook. f., Fl. Brit. India 7: 72. 1896; Bor, Grass. Ind. 423. 1960.

Arundinella pygmaea Hook. f., *l.c.*

Arundinella lawii Hook. f., in Trin., Handb. Fl. Ceyl. 5: 180. 1900.

Arundinella decomposita Jan. in Fedde, Repert. 17: 84. 1921. Peninsular India.

Arundinella nepalensis Trin., Gram. Panic. 62. 1826 & Sp. Gram. 3, t. 1268. 1836; Bor, Grass. Ind. 423. 1960. S. & N.E. India, E. to C. Himalaya.

Arundinella nervosa (Roxb.) Nees ex Hook. & Arn., Bot. Beechey Voy. 237. 1836; Hook. f., Fl. Brit. India 7: 71. 1896; Bor, Grass. Ind. 424. 1960.

Holcus nervosus Roxb., Fl. Ind. 1: 320. 1820.
Peninsular India.

Arundinella pumila (Hochst. ex A. Rich.) Steud.,
Syn. Pl. Glum. 1: 114. 1854; Bor, Grass. Ind.
423. 1960.

Acratherum pusillum Hochst. ex A. Rich., Tent.
Fl. Abyss. 2: 414, t. 100. 1851.

Arundinella tenella Nees ex Steud., l.c. 115;
Hook. f., Fl. Brit. India 7: 71. 1896.
Throughout India.

Arundinella purpurea Hochst. ex Steud., Syn.
Pl. Glum. 1: 115. 1854; Bor, Grass. Ind. 424.
1960.

Arundinella fuscata Hook. f., Fl. Brit. India 7:
74. 1896 non Nees ex Buesc, 1854.

var. *purpurea*.
S. India.

var. *laxa* Bor in Kew Bull. 1955: 407. 1955 &
Grass. Ind. 424. 1960.
Tamil Nadu (Nilgiris).

Arundinella setosa Trin., Gram. Panic. 63.
1826; Hook. f., Fl. Brit. India 7: 70. 1896; Bor,
Grass. Ind. 424. 1960.

Arundinella capillaris Hook. f., l.c. 74.

var. *setosa*.
Throughout India.

var. *esetosa* Bor, Grass. Ind. 425. 1960.
S. & E. India.

var. *lanifera* C.E.C. Fischer in Gamble, Fl.
Pres. Madras 1801. 1934 (3: 1247. 1967, Répr.
ed.); Bor, Grass. Ind. 425. 1960.
S. & C. India.

var. *nilagiriensis* Subbarao & Kumari in J.
Bombay nat. Hist. Soc. 72: 827. 1976.
Tamil Nadu.

Arundinella spicata Dalz. in Dalz. & Gibs.,
Bombay Fl. 293. 1861; Hook. f., Fl. Brit. India
7: 77. 1896; Bor, Grass. Ind. 425. 1960.
Endemic in Maharashtra.

Arundinella tuberculata Munro ex Lisboa in J.
Bombay nat. Hist. Soc. 5: 344. 1891; Hook. f.,
Fl. Brit. India 7: 69. 1896; Bor, Grass. Ind.
425. 1960.
Peninsular & C. India.

Arundinella vaginata Bor in J. Indian Bot. Soc.
27: 66. 1948 & Grass. Ind. 425. 1960.

Arundinella villosa Arn. ex Steud. var. *heynei*
Hook. f., Fl. Brit. India 7: 73. 1896.
Endemic in Tamil Nadu.

Arundinella villosa Arn. ex Steud., Syn. Pl.
Glum. 1: 115. 1854; Bor, Grass. Ind. 426. 1960;
Karthik. in J. Econ. Tax. Bot. 7:462. 1986.
Tamil Nadu.

ARUNDO L., Sp. Pl. 81. 1753.

Arundo donax L., Sp. Pl. 81. 1753; Hook. f.,
Fl. Brit. India 7: 302. 1896; Bor, Grass. Ind.
413. 1960.
Throughout India.

AVENA L., Sp. Pl. 79. 1753.

Avena barbata Pott ex Link in Schrader, J.
fuor Bot. 2: 315. 1799; Hook. f., Fl. Brit. India
7: 275. 1896; Bor, Grass. Ind. 433. 1960.
W. to C. Himalaya, N.E. India.

Avena byzantina C. Koch in Linnaea 21: 392.
1848; Bor, Grass. Ind. 433. 1960.
Cultivated.

Avena fatua L., Sp. Pl. 80. 1753; Hook. f., Fl.
Brit. India 7: 275. 1896; Bor, Grass. Ind. 434.
1960.

ssp. *fatua*.

var. *fatua*.
N.W. to C. Himalaya.

var. *glabrata* Peterm., Fl. Bienitz. 13. 1841;
Bor, Grass. Ind. 434. 1960.

Avena sativa L. var. *sericea* Hook. f., Fl. Brit.
India 7: 275. 1896.
C. to E. Himalaya.

var. *pilosa* Syme in Bot. Exch. Cl. Rep. 1871:
20. 1872; Bor, Grass. Ind. 434. 1960.
N.W. India.

ssp. *meridionalis* Malz. in Bull. Appl. Bot. Gen.
Pl. Br., Suppl. 38: 304. 1930; T.A. Cope in
Nasir & Ali, Fl. Pak. 143: 509. 1982.

Avena meridionalis (Malz.) Roshev. in Fl.
Turkm. 1: 105. 1932; Bor, Grass. Ind. 434.
1960.
Punjab.

Avena sativa L., Sp. Pl. 79. 1753; Hook. f., Fl.
Brit. India 7: 275. 1896; Bor, Grass. Ind. 434.
1960.
Cultivated in N. India & Himalaya.

Avena sterilis L. ssp. *ludoviciana* (Dur.) Gill. & Magne, Fl. Fr., ed. 3. 532. 1875; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 509. 1982.

Avena ludoviciana Dur. in Bull. Soc. Linn. Bord. 20: 41. 1855; Bor, Grass. Ind. 434. 1960. N.W. India.

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Axonopus compressus (Swartz) P. Beauv., Ess. Agrost. 12(154): 167. 1812; Bor, Grass. Ind. 278. 1960.

Introduced and naturalised.

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Bothriochloa bladhii (Retz.) S.T. Blake in Proc. R. Soc. Queensland 80: 62. 1969; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 284. 1982.

Andropogon bladhii Retz., Obs. Bot. 2: 27. 1781.

Andropogon intermedius R. Br., Prodr. 202. 1810.

Andropogon punctatus Roxb., Fl. Ind. 1: 268. 1820.

Andropogon glaber Roxb., Lc. 271.

Andropogon caucasicus Trin. in Mem. Acad. Sci. Petersb. 6, 2: 286. 1832.

Andropogon intermedius R. Br. var. *caucasicus* (Trin.) Hack. in DC., Monogr. Phan. 6: 486. 1889; Hook. f., Fl. Brit. India 7: 176. 1896.

Andropogon odoratus Donna Lisboa in J. Bombay nat. Hist. Soc. 4: 123. 1889 cum lc. & 6: 68, 203. 1891; Hook. f., Lc.

Amphilophis glabra (Roxb.) Stapf in Prain, Fl. Trop. Afr. 9: 172. 1917.

Bothriochloa glabra (Roxb.) A. Camus in Ann. Soc. Linn. Lyon, 1930, n. s. 76: 164. 1931; Bor, Lc. 107.

Bothriochloa intermedia (R. Br.) A. Camus, Lc.; Bor, Lc. 108.

Bothriochloa odorata (Donna Lisboa) A. Camus Lc.; Bor, Lc. 109.

Bothriochloa caucasica (Trin.) C.E. Hubb. in Kew Bull. 1939: 101. 1939; Bor, Lc. 106.

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Dichanthium bladhii (Retz.) W.D. Clayton in Kew Bull. 32:3. 1977.

Dichanthium odoratum (Donna Lisboa) Jain & Deshpande in Bull. Bot. Surv. India 20: 134. (1978) 1979. India.

Bothriochloa compressa (Hook. f.) Henr. in Blumea 3: 456. 1940; Bor, Grass. Ind. 106. 1960.

Andropogon compressus Hook. f., Fl. Brit. India 7: 172. 1896.

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- Andropogon foulkesii* Hook. f., Fl. Brit. India 7: 174. 1896.
- Amphilophis foulkesii* (Hook. f.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1732. 1934 (3: 1200. 1967, Repr. ed.).
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Tamil Nadu.
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- Andropogon insculptus* Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 458. 1851.
- Andropogon pertusus* Willd. var. *insculptus* (Hochst. ex A. Rich.) Hook. f., Fl. Brit. India 7: 174. 1896.
- Amphilophis insculpta* (Hochst. ex A. Rich.) Stapf in Prain, Fl. Trop. Afr. 9: 176. 1917.
- Dichanthium insculptum* (A. Rich.) W.D. Clayton in Kew Bull. 32: 3. 1977.
Peninsular India.
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- Andropogon ischaemum* L., Sp. Pl. 1047. 1753; Hook. f., Fl. Brit. India 7: 171. 1896.
Peninsular & N.W. India; E. to C. Himalaya.
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- Dichanthium jainii* (Deshpande & Hemadri) Deshpande in Bull. Bot. Surv. India 21: 198. (1979) 1981.
Maharashtra.
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Peninsular, C. & E. India.
- Bothriochloa longifolia* (Hack.) Bor, Grass. Ind. 108. 1960.
- Andropogon pertusus* Willd. var. *longifolius* Hack. in DC., Monogr. Phan. 6: 482. 1889; Hook. f., Fl. Brit. India 7: 174. 1896.
S. India.
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India.
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S. India.
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Maharashtra.
- BOUTELOUA** Lagasca in Varied. Cienc. 2: 134. 1805 & Gen. Sp. Pl. Nov. 1816.

Bouteloua aristoides (H. B. K.) Griseb., Fl. Brit. West Indies 537. 1864; Bor, Grass. Ind. 463. 1960.

Dinebra aristoides H. B. K. Nov. Gen. Sp. 1: 171. 1816.
Introduced.

Bouteloua curtispicula (Michx.) Torr. in Marcy, Expl. Red River 300. 1853; Bor, Grass. Ind. 463. 1960.

Chloris curtispicula Michx., Fl. Bor. Amer. 1: 59. 1803.
Introduced for fodder.

Bouteloua gracilis (H.B.K.) Griffiths in Contr. U.S. Natl. Herb. 44: 375. 1912; Bor, Grass. Ind. 464. 1960.

Chondrosium gracile H.B.K., Nov. Gen. Sp. 1: 176, t. 58. 1816.
Introduced for fodder.

BRACHIARIA Griseb. in Ledeb., Fl. Ross. 4: 469. 1853.

Brachiaria brizantha (Hochst. ex A. Rich.) Stapf in Prain, Fl. Trop. Afr. 9: 531. 1919; Bor, Grass. Ind. 281. 1960.

Panicum brizanthum Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 363. 1851.

var. brizantha.
Introduced for fodder.

var. ciliata Basappa & Muniyamma in Proc. Indian natn. Sci. Acad. B49: 379. 1983.
Introduced in Karnataka.

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Rajasthan.

Brachiaria decumbens Stapf in Prain, Fl. Trop. Afr. 9: 528. 1919; Bor, Grass. Ind. 281. 1960.
Introduced for fodder.

Brachiaria distachya (L.) Stapf in Prain, Fl. Trop. Afr. 9: 565. 1919; Bor, Grass. Ind. 281. 1960.

Panicum distachyum L., Mant. 1: 183. 1771; Hook. f., Fl. Brit. India 7: 37. 1896.
Throughout India.

Brachiaria eruciformis (J.E. Sm.) Griseb. in Ledeb., Fl. Ross. 4: 469. 1853; Bor, Grass. Ind. 283. 1960.

Panicum eruciforme J.E. Sm. in Sibth. & J.E. Sm., Fl. Graeca 1: 44, t. 59. 1806.

Panicum isachne Roth ex R. & S., Syst. Veg. 2: 458. 1817; Hook. f., Fl. Brit. India 7: 28. 1896.

Brachiaria isachne (Roth ex R. & S.) Stapf in Prain, Fl. Trop. Afr. 9: 552. 1919.

var. eruciformis.
Throughout India.

var. divaricata Basappa & Muniyamma in Proc. Indian natn. Sci. Acad. B49: 379. 1983.
Karnataka.

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Karnataka.

Brachiaria kurzii (Hook. f.) A. Camus in Lecomte, Fl. Gen. de l' Indo-Chine 7: 438. 1922; Bor, Grass. Ind. 283. 1960.

Panicum kurzii Hook. f., Fl. Brit. India 7: 38. 1896.
S. & E. India.

Brachiaria lata (Schumach.) C.E. Hubb. in Hook., Ic. Pl. sub L. 3363 in adnot. 1938; Bor, Grass. Ind. 283. 1960.

Panicum latum Schumach., Beskr. Guin. Pl. 61. 1827.

var. lata.
Introduced for fodder.

var. pubescens C.E. Hubb. in Kew Bull. 4: 125. 1949; Pandey & V. Singh in J. Econ. Tax. Bot. 7: 233. 1985.
Rajasthan.

Brachiaria multififormis (J.S. ex C.B. Presl) A. Chase in Contrib. U.S. Natl. Herb. 22: 35. 1920; Bor, Grass. Ind. 283. 1960.

Panicum miliiforme J.S. ex C.B. Presl, Rel. Haenk. 1: 300. 1830.
S. & N.E. India, Andaman & Nicobar Islands.

Brachiaria munae Basappa in Proc. Indian Acad. Sci. (Plant Sci.) 93: 53, f. 1. 1984.
Tamil Nadu.

Brachiaria mutica (Forssk.) Stapf in Prain, Fl. Trop. Afr. 9: 526. 1919; Bor, Grass. Ind. 284. 1960.

Panicum muticum Forssk., Fl. Aeg.-Arab. 20. 1775; Hook. f., Fl. Brit. India 7: 34. 1896.

Naturalised.

Brachlaria nitagracea Bor in Bot. Tidskr. 67: 325. 1973.
Tamil Nadu.

Brachlaria paspaloides (J.S. ex C.B. Presl) C.E. Hubb. in Hook., Ic. Pl. sub t. 3363. 1938; Bor, Grass. Ind. 284. 1960.

Urochloa paspaloides J.S. ex C.B. Presl, Rel. Haenk. 1 : 318. 1830.

Panicum ambiguum Trin. in Mem. Acad. Sci. Petersb. 6, 3: 243. 1835; Hook. f., Fl. Brit. India 7: 33. 1896.
Weed in cultivated fields.

Brachlaria ramosa (L.) Stapf in Prain, Fl. Trop. Afr. 9: 542. 1919; Bor, Grass. Ind. 284. 1960.

Panicum ramosum L., Mant. 1: 29. 1767; Hook. f., Fl. Brit. India 7: 36. 1896.

var. *ramosa*.
India.

var. *pubescens* Basappa & Muniyamma in Proc. Indian natn. Sci. Acad. B49: 380. 1983.
Karnataka, Rajasthan.

Brachlaria remota (Retz.) Haines, Bot. Bih. Orissa 1005. 1924; Bor, Grass. Ind. 285. 1960.

Panicum remotum Retz., Obs. Bot. 4: 17. 1786.
S. & E. India.

Brachlaria reptans (L.) Gard. & C.E. Hubb. in Hook., Ic. Pl. sub t. 3363. 1938; Bor, Grass. Ind. 285. 1960.

Panicum reptans L., Syst. Nat. ed. 10. 870. 1759.

Panicum prostratum Lam., Ill. 1: 171. 1791 & Encycl. 4: 730. 1797; Hook. f., Fl. Brit. India 7: 33. 1896.

var. *reptans*.
Plains of India.

var. *hispida* Basappa & Muniyamma in Proc. Indian natn. Sci. Acad. B49: 380. 1983.
Karnataka.

Brachlaria semiundulata (Hochst. ex A. Rich.) Stapf in Prain, Fl. Trop. Afr. 9: 556. 1919; Bor, Grass. Ind. 285. 1960.

Panicum semiundulatum Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 364. 1851.

Panicum villosum Hook. f., Fl. Brit. India 7: 34. 1896 non Lam. 1791.

var. *semiundulata*.
S. & N.E. India, Himalaya.

var. *intermedia* Basappa & Muniyamma in Proc. Indian natn. Sci. Acad. B49: 380. 1983.
Karnataka.

var. *lanata* Basappa & Muniyamma in Proc. Indian natn. Sci. Acad. B49: 380. 1983.
Karnataka.

Brachlaria semiverticillata (Rottl.) Alst. in Trim., Handb. Fl. Ceyl. 6, Suppl. 318. 1931; Bor, Grass. Ind. 286. 1960.

Panicum semiverticillatum Rottl. in Ainslie, Mat. Med. Hindost. ed. 1. 219. 1813.
S. India.

Brachlaria stapfiana Basappa & Muniyamma in Proc. Indian natn. Sci. Acad. B49: 379. 1983.
Karnataka.

Brachlaria subquadrifera (Trin.) Hitchc. in Lingnan Sci. J. 7: 214. 1931; Bor, Grass. Ind. 286. 1960.

Panicum subquadrifarium Trin., Gram. Panic. 145. 1826.
N. India.

Brachlaria villosa (Lam.) A. Camus in Lecomte, Fl. Gen. de l'Indo-chine 7: 433. 1922; Bor, Grass. Ind. 286. 1960.

Panicum villosum Lam., Ill. 1: 173. 1791, p.p.; Hook. f., Fl. Brit. India 7: 34. 1896, p.p.

var. *villosa*.
N.E. India.

var. *barbata* Bor, Grass. Ind. 286. 1960.
Nepal.

var. *glaberrima* Basappa & Muniyamma in Proc. Indian natn. Sci. Acad. B49: 381. 1983.
N.W. India.

BRACHYPODIUM P. Beauv., Ess. Agrost. 100. 1812.

Brachypodium distachyon (L.) P. Beauv., Ess. Agrost. 101, 155. 1812; Bor, Grass. Ind. 449. 1960; T. A. Cope in Nasir & Ali, Fl. Pak. 143: 588. 1982.

Bromus distachyos L., Cent. Pl. 2: 8. 1756.

Trachynia distachya (L.) Link, Hort. Bot. Berol. 1: 42. 1827; Bor in Townsend *et al.*, Fl. Iraq 9: 168. 1968.
N.W. Himalaya.

Brachypodium pinnatum (L.) P. Beauv., Ess. Agrost. 101, 155, t. 19, f. 3. 1812; Hook. f., Fl. Brit. India 7: 363. 1896; Bor, Grass. Ind. 450. 1960.

Bromus pinnatus L., Sp. Pl. 78. 1753.
Temperate parts of India.

Brachypodium sylvaticum (Huds.) P. Beauv., Ess. Agrost. 101, 155. 1812; Hook. f., Fl. Brit. India 7: 362. 1896; Bor, Grass. Ind. 450. 1960.

Festuca sylvatica Huds., Fl. Angl. 1: 38. 1762.

Brachypodium sylvaticum var. *khasianum* Hook. f., *l.c.* 363.

Brachypodium sylvaticum var. *longe-aristatum* Hook. f., *l.c.*

Brachypodium sylvaticum var. *pseudo-distachyon* Hook. f., *l.c.*

Brachypodium wattii C.B.Cl. in J. Linn. Soc. 25: 90, t. 40. 1887.

B. sylvaticum var. *wattii* (C.B.Cl.) Hook. f., *l.c.*

var. *sylvaticum*.
Nilgiris, N.E. India, Himalaya.

var. *luzonense* (Hack.) Hara in Bot. Mag. Tokyo 52: 228. 1938; Ohwi & Kihara, Fauna & Fl. Nepal Himal. 84. 1955.

Brachypodium sylvaticum sp. *luzonense* Hack. in Philipp. J. Sci. 1, Suppl. 269. 1906.
Himalaya.

BRIZA L., Sp. Pl. 70. 1753.

Briza maxima L., Sp. Pl. 70. 1753; Hook. f., Fl. Brit. India 7: 336. 1896; Bor, Grass. Ind. 527. 1960.
Introduced as an ornamental in Hill stations.

Briza media L., Sp. Pl. 70. 1753; Hook. f., Fl. Brit. India 7: 336. 1896; Bor, Grass. Ind. 528. 1960.
Himalaya.

Briza minor L., Sp. Pl. 70. 1753; Bor, Grass. Ind. 528. 1960.
An escape in temperate situations.

BROMUS L., Sp. Pl. 76. 1753.

Bromus catharticus Vahl, Symb. Bot. 2:22. 1791; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 582. 1982.

Bromus unioloides Kunth in H.B.K., Nov. Gen. Sp. 1: 151. 1815; Stapf in Hook. f., Fl. Brit. India 7: 357. 1896; Bor, Grass. Ind. 456. 1960.

Bromus willdenowii Kunth, Rev. Gram. 1: 134. 1829; Hara *et al.*, Enum. Fl. Pl. Nepal 1: 125. 1978.

A garden escape.

Bromus confinis Nees ex Steud., Syn. Pl. Glum. 1: 310. 1854; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 576. 1982.

Bromus inermis Leyss. var. *confinis* (Nees ex Steud.) Stapf in Hook. f., Fl. Brit. India 7: 358. 1896; Bor, Grass. Ind. 455. 1960.

N.W. Himalaya.

Bromus danthoniae Trin. in C.A. Mey., Verz. Pfl. Cauc. 24. 1831; Bor, Grass. Ind. 453. 1960.

Bromus macrostachys Desf. var. *triaristatus* Hack. in Flora Jena 62: 155. 1879.

N.W. Himalaya.

Bromus diandrus Roth, Bot. Abh. 44. 1787; Bor, Grass. Ind. 454. 1960.
Introduced (Nilgiris).

Bromus graecillimus Bunge in Mem. Acad. Petersb. Sav. Etrang. 7: 527. 1851; Bor, Grass. Ind. 454. 1960.

Bromus crinitus Boiss. & Hohen. in Boiss., Diagn. 1, 13: 64. 1853 & Fl. Orient. 5: 647. 1884; Stapf in Hook. f., Fl. Brit. India 7: 359. 1896.

N.W. Himalaya.

Bromus himalaicus Stapf in Hook. f., Fl. Brit. India 7: 358. 1896; Bor, Grass. Ind. 454. 1960.
Temperate Himalaya.

Bromus hordeaceus L., Sp. Pl. 77. 1753; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 562. 1982.

Bromus mollis L., Sp. Pl. ed. 2. 112. 1762; Stapf in Hook. f., Fl. Brit. India 7: 360. 1896; Bor, Grass. Ind. 455. 1960.
N.W. India.

Bromus inermis Leyss., Fl. Hall. 16. 1761;
Stapf in Hook. f., Fl. Brit. India 7: 35. 1896;
Bor, Grass. Ind. 454. 1960.

Festuca inermis (Leyss.) Lam. & DC. var.
villosus Mert. & Koch in Roehl., Deutsch. Fl. 1:
675. 1823.

Bromus inermis var. *villosus* (Mert. & Koch)
Beck, Fl. Nieder-Ost. 1: 106. 1890; Stapf in
Hook. f., l.c. 358; Bor, l.c. 455.
N.W. Himalaya.

Bromus japonicus Thunb. ex Murr., Syst. Veg.
119. 1784; Bor, Grass. Ind. 455. 1960.

Bromus patulus Mert. & Koch in Roehl.,
Deutsch. Fl. 1: 685. 1823; Stapf in Hook. f., Fl.
Brit. India 7: 361. 1896.

Bromus patulus var. *microstachya* Stapf in Hook.
f., l.c. 361.
N.W. to C. Himalaya.

Bromus nepalensis Melderis in Hara *et al.*,
Enum. Fl. Pl. Nepal 1: 125. 1978.
Nepal.

Bromus oxyodon Schrenk in Bull. Sci. Acad.
Petersb. 10: 355. 1842; Stapf in Hook. f., Fl.
Brit. India 7: 361. 1896; Bor, Grass. Ind. 455.
1960.
N.W. Himalaya.

Bromus pectinatus Thunb., Prodr. Fl. Cap. 1:
22. 1794; T.A. Cope in Nasir & Ali, Fl. Pak.
143: 566. 1982.

Bromus patulus Mert. & Koch var. *falconeri*
Stapf in Hook. f., Fl. Brit. India 7: 361. 1896.

Bromus gedrostanus Pezcos in Bot. Kozl. 39:
111. 1936; Bor, Grass. Ind. 454. 1960.

Bromus japonicus Thunb. var. *falconeri* (Stapf)
Stewart in Brittonia 5: 413. 1945; Bor, l.c. 455.
N.W. Himalaya.

Bromus porphyranthos T.A. Cope in Nasir &
Ali, Fl. Pak. 143: 574. 1982.

Bromus himalaicus Stapf var. *grandis* Stapf in
Hook. f., Fl. Brit. India 7: 359. 1896; Bor,
Grass. Ind. 454. 1960 non *B. grandis* (Shear)
Hitcho. 1912.

B. grandis (Stapf) Melderis in Hara *et al.*,
Enum. Fl. Pl. Nepal 1: 125. 1978.
Himalaya.

Bromus ramosus Huds., Fl. Angl. 40. 1762;
Bor, Grass. Ind. 456. 1960.

Bromus asper Murray, Prodr. Stirp. Gotting. 42.
1770; Stapf in Hook. f., Fl. Brit. India 7: 358.
1896.
S. & N.E. India, Temperate hills of India,
Himalaya.

Bromus scoparius L., Cent. Pl. 1: 6. 1755 &
Amen. Acad. 4: 266. 1759; Stapf in Hook. f.,
Fl. Brit. India 7: 360. 1896; Bor, Grass. Ind.
456. 1960.
N.W. Himalaya.

Bromus sericeus Drobov in Fedde, Reprint. 21:
39. 1925; T.A. Cope in Nasir & Ali, Fl. Pak.
143: 570. 1982.
N.W. Himalaya.

Bromus staintonii Melderis in Hara *et al.*,
Enum. Fl. Pl. Nepal 1: 125. 1978.

var. *staintonii*.
N.E. India, Himalaya.

var. *pliosculcus* Melderis in Hara *et al.*,
Enum. Fl. Pl. Nepal 1: 125. 1978.
Nepal.

Bromus tectorum L., Sp. Pl. 77. 1753; Stapf in
Hook. f., Fl. Brit. India 7: 359. 1896; Bor,
Grass. Ind. 456. 1960.
W. to C. Himalaya.

CALAMAGROSTIS Adans., Fam. 2: 31. 1763.

Calamagrostis arundinacea (L.) Roth, Tent. Fl.
Germ. 2: 89. 1789; T.A. Cope in Nasir & Ali,
Fl. Pak. 143: 489. 1982.

Agrastis arundinacea L., Sp. Pl. 61. 1753.

Arundo sylvatica Schrad., Fl. Germ. 1: 218.
1806.

Deyeuxia arundinacea (L.) P. Beauv., Ess.
Agrost. 160. 1812; Bor, Grass. Ind. 398. 1960.

Deyeuxia sylvatica (Schrad.) Kunth, Rev. Gram.
1: 77. 1829; Hook. f., Fl. Brit. India 7: 266.
1896.
N.W. Himalaya.

Calamagrostis decora Hook. f., Fl. Brit. India
7: 260. 1896; Bor, Grass. Ind. 395. 1960.

Deyeuxia kashmeriana Hack. ex Bor in Kew
Bull. 1954: 558. 1955 & Grass. Ind. 399. 1960.
Endemic in Kashmir.

Calamagrostis emodensis Griseb. in Goett. Nachr. 80. 1868; Hook. f., Fl. Brit. India 7: 261. 1896; Bor, Grass. Ind. 395. 1960. Himalaya.

Calamagrostis epigejos (L.) Roth, Tent. Fl. Germ. 1: 34. 1788; Hook. f., Fl. Brit. India 7: 260. 1896; Bor, Grass. Ind. 396. 1960.

Arundo epigejos L., Sp. Pl. 81. 1753. N.W. Himalaya.

Calamagrostis garhwalensis C.E. Hubb. & Bor in Indian Forester 68: 355. 1942; Bor, Grass. Ind. 396. 1960. N.W. to C. Himalaya.

Calamagrostis hokiformis Jaub. & Spach, Ill. Pl. Orient. 4: 61, t. 340. 1851; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 490. 1982.

Deyeuxia compacta Munro ex Hook. f., Fl. Brit. India 7: 267. 1896.

Deyeuxia hokiformis (Jaub. & Spach) Bor, Grass. Ind. 398. 1960. W. to C. Himalaya.

Calamagrostis pseudophragmites (Hall. f.) Koeler, Descr. Gram. 106. 1802; Bor, Grass. Ind. 396. 1960.

Arundo pseudophragmites Hall. f. in Roem., Arch. fur. Bot. 1: 11. 1797.

Arundo littorea Schrad., Fl. Germ. 1: 212, t. 412. 1806.

Calamagrostis littorea (Schrad.) P. Beauv., Ess. Agrost. 15, 157. 1812; Hook. f., Fl. Brit. India 7: 261. 1896.

ssp. *pseudophragmites*. Himalaya.

ssp. *tartarica* (Hook.f.) Tzvelev in Nov. Sist. Vyssh. Rast. 1965: 42. 1965; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 486. 1982.

Calamagrostis littorea var. *tartarica* Hook. f., Fl. Brit. India 7: 261. 1896.

Calamagrostis pseudophragmites var. *tartarica* (Hook. f.) Bor, Grass. Ind. 396. 1960. N.W. Himalaya.

Calamagrostis scabrescens Griseb. in Nachr. Ges. Wiss. Gottingen 1868: 79. 1868; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 489. 1982.

Deyeuxia filiformis (Griseb.) Hook. f., Fl. Brit. India 7: 268. 1896.

Calamagrostis filiformis Griseb., l.c. 79.

Deyeuxia scabrescens (Griseb.) Munro ex Duthie in Atkins., Gaz. N.W. Ind. 628. 1882; Hook. f., l.c. 267; Bor, Grass. Ind. 399. 1960.

Deyeuxia scabrescens var. *humilis* (Griseb.) Hook. f., l.c. 268. Himalaya.

Calamagrostis stoliczkae Hook. f., Fl. Brit. India 7: 262. 1896; Bor, Grass. Ind. 397. 1960. N.W. Himalaya.

CAPILLIPEDIUM Stapf in Prain, Fl. Trop. Afr. 9: 169. 1917.

Capillipedium assimile (Steud.) A. Camus in Lecomte, Fl. Gen. de l' Indo-Chine 7: 314. 1922; Bor, Grass. Ind. 110. 1960.

Andropogon assimilis Steud. in Zoll., Syst. Verz. 58. 1854 & in Syn. Pl. Glum. 1: 397. 1854; Hook. f., Fl. Brit. India 7: 179. 1896.

Andropogon glaucopsis Steud., Syn. Pl. Glum. 1: 397. 1854.

Capillipedium glaucopsis (Steud.) Stapf in Hook., l.c. Pl. sub t. 3085. 1922.

Dichanthium assimile (Steud.) Deshpande in Fasc. Fl. India 15: 6. 1984. India.

Capillipedium filiculme (Hook. f.) Stapf in Hook., l.c. Pl. sub t. 3085. 1922; Bor, Grass. Ind. 111. 1960.

Andropogon filiculmis Hook. f., Fl. Brit. India 7: 181. 1896.

Dichanthium filiculme (Hook. f.) Jain & Deshpande in Bull. Bot. Surv. India 20: 134. (1978) 1979. Peninsular India.

Capillipedium huegelii (Hack.) Stapf in Hook., l.c. Pl. sub t. 3085. 1922; Bor, Grass. Ind. 111. 1960.

Andropogon huegelii Hack. in DC., Monogr. Phan. 6: 492. 1889; Hook. f., Fl. Brit. India 7: 180. 1896.

Andropogon schmidii Hook. f., l.c. 180.

Dichanthium huegelii (Hack.) Jain & Deshpande in Bull. Bot. Surv. India 20:135. (1978) 1979.
C. India southwards.

Capillipedium magdalenae Almeida in J. Bombay nat. Hist. Soc. 72: 813. 1976.

Dichanthium magdalenae (Almeida) Jain & Deshpande in Bull. Bot. Surv. India 20: 135. (1978) 1979.
Karnataka.

Capillipedium nagense Bor in Brittonia 16: 228. 1964.

Dichanthium nagense (Bor) Deshpande in Bull. Bot. Surv. India 21: 198. (1979) 1981.
N.E. India

Capillipedium parviflorum (R. Br.) Stapf in Prain, Fl. Trop. Afr. 9: 169. 1917; Bor, Grass. Ind. 112. 1960.

Holcus parviflorus R. Br., Prodr. 199. 1810.

Andropogon micranthus Kunth, Rev. Gram. 1: 165. 1829; Hook. f., Fl. Brit. India 7: 178. 1896.

Dichanthium parviflorum (R.Br.) De Wet in Amer. J. Bot. 54: 386. 1967.
Hot parts of India.

Capillipedium planipedicellatum Bor in Kew Bull. 1949: 222. 1949 & Grass. Ind. 112. 1960.

Filipedium planipedicellatum (Bor) Raiz. & Jain in J. Bombay nat. Hist. Soc. 49: 682. 1951.

Dichanthium planipedicellatum (Bor) Jain & Deshpande in Bull. Bot. Surv. India 20: 135. (1978) 1979.
N.E. India.

Capillipedium pteropechys (C.B.Cl.) Stapf in Hook., Ic. Pl. sub t. 3085. 1922; Bor, Grass. Ind. 113. 1960.

Andropogon pteropechys C.B.Cl. in J. Linn. Soc. 25: 88, t. 38. 1889.

Dichanthium pteropechys (C.B.Cl.) Jain & Deshpande in Bull. Bot. Surv. India 20: 135. (1978) 1979.
N.E. India.

CASTELLIA Tineo, Pl. Rar. Sicil. 2: 17. 1846.

Castella tuberculosa (Moris) Bor in Indian Forester 74: 90. 1948 & Grass. Ind. 528. 1960.

Catapodium tuberosum Moris in Atti Terz. Riun. Sc. Ital. 481. 1841.
N.W. India.

CATABROSA P. Beauv., Ess. Agrost. 97, t. 19, f. 8. 1812.

Catabrosa aquatica (L.) P. Beauv., Ess. Agrost. 97, t. 19, f. 8. 1812; Bor, Grass. Ind. 528. 1960.

Aira aquatica L., Sp. Pl. 64. 1753.

Catabrosa sikkimensis Stapf ex Hook. f., Fl. Brit. India 7: 311. 1896; Bor, l.c. 529.
Himalaya.

CATABROSELLA (Tzvelev) Tzvelev in Tzvelev & Bolkhovskikh, Bot. Zurn. (Moscow & Leningrad 50: 1320 (in obs.) 1965.

COLPODIUM subg. **CATABROSELLA** Tzvelev, Nov. Syst. Pl. Vasc. 1964: 12. 1964.

Catabrosella himalaica (Hook. f.) Tzvelev in Nov. Sist. Vyssh. Rast. 1966: 32. 1966; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 422. 1982.

Phippsia himalaica Hook. f., Fl. Brit. India 7: 240. 1896.

Catabrosa himalaica (Hook. f.) Stapf in Hook. f., l.c. 311.

Colpodium trollii Pilger in Notizbl. Bot. Gart. Mus. Berlin 14: 344. 1939.

Colpodium himalaicum (Hook. f.) Bor, Grass. Ind. 529. 1960.
N.W. Himalaya.

CATAPODIUM Link, Hort. Berol. 1: 44, 380. 1827; 2: 193. 1833 ('**CATOPodium**').

Catapodium rigidum (L.) C.E. Hobb. in Dony, Fl. Bed. 437. 1953; Bor, Grass. Ind. (Repr. ed.) IV. 1973.

Poa rigida L., Cent. Pl. 1: 5. 1755 & Amoen. Acad. 4: 265. 1759.
N.W. Himalaya.

CENCHRUS L., Sp. Pl. 1049. 1753.

Cenchrus biflorus Roxb., Fl. Ind. 1: 238. 1820; Bor, Grass. Ind. 287. 1960.

Cenchrus catharticus Delile, Cat. Hort. Monsp. 1838: 4. 1839 & in Linnaea 13: in Litt. Bericht, 103. 1839; Hook. f., Fl. Brit. India 7: 90. 1896.
Hotter Parts of India.

Cenchrus ciliaris L., Manl. Alt. 302. 1771; Bor, Grass. Ind. 287. 1960.

Pennisetum cenchroides L.C. Rich. in Pers., Syn. Pl. 1: 72. 1805.
Hotter Parts of India.

Cenchrus echinatus L., Sp. Pl. 1050. 1753; Bor, Grass. Ind. 289. 1960.
Hotter parts of India.

Cenchrus glaucus Mudaliar & Sundararaj in J. Bombay nat. Hist. Soc. 54: 926. 1958; Bor, Grass. Ind. 290. 1960.
Tamil Nadu.

Cenchrus pennisetiformis Hochst. & Steud. ex Steud., Syn. Pl. Glum. 1: 109. 1854; Bor, Grass. Ind. 289. 1960.

Cenchrus echinoides Wight ex Steud., Nom. Bot. ed. 2. 1: 317. 1840.

Pennisetum cenchroides var. *echinoides* (Wight ex Steud.) Hook. f., Fl. Brit. India 7: 88. 1896.
Hotter and drier parts of India.

Cenchrus prieurii (Kunth) Maire in Bull. Mus. Hist. Nat. Paris 2, 3: 523. 1931; Bor, Grass. Ind. 290. 1960.

Pennisetum prieurii Kunth, Rev. Gram. 2: 411, t. 119. 1831; Hook. f., Fl. Brit. India 7: 89. 1896.

var. *prieurii*.
N.W. India.

var. *scabra* Bhandari, Fl. Indian desert 395. 1978.
N.W. India

Cenchrus rajasthanensis Kanodia & Nanda in Geobios 5: 157, f. 1. 1978.
Rajasthan.

Cenchrus setigerus Vahl, Enum. Pl. 2: 395. 1806; Bor, Grass. Ind. 290. 1960.

Cenchrus biflorus Hook. f., Fl. Brit. India 7: 89. 1896 non Roxb. 1820.
Hotter parts of India.

CENTOTHECA Desv., Nouv. Bull. Sci. Soc. Philom. Paris 2: 189. 1810 ('*Centosteca*').

Centotheca lappacea (L.) Desv. in Nouv. Bull. Sci. Soc. Philom. Paris 2: 189. 1810; Hook. f., Fl. Brit. India 7: 332. 1896; Bor, Grass. Ind. 457. 1960.

Cenchrus lappaceus L., Sp. Pl. ed. 2. 1488. 1763.

var. *lappacea*.
Low mountains of India.

var. *longilamina* (Ohwi) Bor, Grass. Ind. 459. 1960.

Centotheca longilamina Ohwi in Bull. Tokyo Sci. Mus. No. 18. 10. 1947; M.K.V. Rao in J. Econ. Tax. Bot. 8: 158. 1986.
Andaman & Nicobar Islands.

CENTROPODIA Reichb., Consp. Reg. Veg. 212a. 1928.

Centropodia forsskalii (Vahl) T.A. Cope in Kew Bull. 37:658. 1983.

Avena forsskalii Vahl, Symb. Bot. 2: 25. 1791, based on *A. pennsylvanica* Forssk., Fl. Aeg.-Arab. 23. 1775 non L. 1753.

Asthenatherum forsskalii (Vahl) Nevski in Act. Univ. As. Med. 8 b, Bot. Fasc. 17: 8. 1934; Bor, Grass. Ind. 478. 1960.
N.W. India.

CHANDRASEKHARANIA V.J. Nair, Ramachandran & Sreekumar in Proc. Indian Acad. Sci. (Plant Sci.) 91: 80. 1982.

Chandrasekharania keralensis V.J. Nair, Ramachandran & Sreekumar in Proc. Indian Acad. Sci. (Plant Sci.) 91: 80, f. 13. 1982.
Kerala.

CHIONACHNE R. Br. in J.J. Bennett & R. Br., Pl. Jav. Rar. 15, 18. 1838.

Chionachne koenigii (Spr.) Thw., Enum. Pl. Zeyl. 357. 1864; Bor, Grass. Ind. 262. 1960.

Coix koenigii Spr., Syst. 1: 239. 1825.

Coix barbata Roxb., Fl. Ind. 3: 569. 1832.

Polytoca barbata (Roxb.) Stapf ex Hook. f., Fl. Brit. India 7: 102. 1896.

Warmer parts of India.

Chionachne semiteres (Bth.) Henr. in Meded. Rijks Herb. n. 67, 16. 1931; Bor, Grass. Ind. 263. 1960.

Polytoca semiteres Bth. in Bth. & Hook. f., Gen. Pl. 3: 1113. 1883; Hook. f., Fl. Brit. India 7: 101. 1896.

Peninsular India.

CHLORIS Swartz, Prodr. 1: 25. 1788.

Chloris barbata Swartz, Fl. Ind. Occ. 1: 200. 1797; Hook. f., Fl. Brit. India 7: 292. 1896; Bor, Grass. Ind. 465. 1960.

Plains of India, Andaman & Nicobar Islands.

Chloris bournetii Rang. & Tad. in J. Indian Bot. 2: 189. 1921; Bor, Grass. Ind. 466. 1960.

Endemic in S. India.

Chloris dolichostachya Lagasca, Gen. & Sp. Pl. 5. 1816; Bor, Grass. Ind. 466. 1960.

Chloris incompleta Roth, Nov. Pl. Sp. 60. 1821; Hook. f., Fl. Brit. India 7: 290. 1896.

Plains of India, Andaman Islands.

Chloris gayana Kunth ex Stapf in Dyer, Fl. Cap. 7: 642. 1900; Bor, Grass. Ind. 466. 1960.

Introduced.

Chloris montana Roxb., Fl. Ind. 1: 331. 1820; Hook. f., Fl. Brit. India 7: 292. 1896; Bor, Grass. Ind. 466. 1960.

Throughout India.

Chloris pycnothrix Trin., Gram. Unif. 234. 1824; Britto & Matthew in Matthew, Fl. Tamil Nadu Carnatic 3: 1821. 1983.

S. India.

Chloris quinquesetica Bhide in J. Proc. Asiat. Soc. Beng. (n.s.) 8: 311. 1912; Bor, Grass. Ind. 466. 1960.

W. to N.W. India.

Chloris roxburghiana Schult., Syst. Veg. 2, Mant. 339. 1827; Bor, Grass. Ind. 468. 1960.

Chloris polystachya Roxb., Fl. Ind. 1: 332. 1820 non Lagasca, 1816; Hook. f., Fl. Brit. India 7: 292. 1896.

Peninsular to N.W. India.

Chloris virgata Swartz, Fl. Ind. Occ. 1: 203. 1797; Hook. f., Fl. Brit. India 7: 291. 1896; Bor, Grass. Ind. 468. 1960.

Hotter parts of India.

Chloris wightiana Nees ex Steud., Syn. Pl. Glum. 1: 206. 1854; Hook. f., Fl. Brit. India 7: 293. 1896; Bor, Grass. Ind. 468. 1960.

S. India.

CHRYSOPOGON Trin., Fund. Agrost. 187. 1822 (nom. cons.).

Chrysopogon aciculatus (Retz.) Trin., Fund. Agrost. 188. 1822; Bor, Grass. Ind. 115. 1960.

Andropogon aciculatus Retz., Obs. Bot. 5: 22. 1789; Hook. f., Fl. Brit. India 7: 188. 1896.

Hotter parts of India, Nicobar Islands.

Chrysopogon asper (Heyne ex Hook. f.) Blatt. & McC., Bombay Grasses 68. 1935; Bor, Grass. Ind. 116. 1960.

Andropogon asper Heyne ex Hook. f., Fl. Brit. India 7: 189. 1896.

Peninsular India.

Chrysopogon aucheri (Boiss.) Stapf in Kew Bull. 1907: 21. 1907; Bor, Grass. Ind. 116. 1960.

Andropogon aucheri Boiss., Diagn. 1, 5: 77. 1844.

N.W. Himalaya.

Chrysopogon fulvus (Spr.) Chiov., Fl. Somalia 1: 327. 1929; Bor, Grass. Ind. 116. 1960.

Pollinia fulva Spr., Pugill. 2: 10. 1815.

Andropogon monticola R. & S., Syst. Veg. 2, Mant. 3: 665. 1827; Hook. f., Fl. Brit. India 7: 192. 1896.

Andropogon monticola var. *robustus* Hook. f., l.c. 193.

Chrysopogon monticola (R. & S.) Haines in Indian Forester 40: 495. 1914.

Warmer parts of India.

Chrysopogon gryllus (L.) Trin., Fund. Agrost. 188. 1822; Bor, Grass. Ind. 117. 1960.

Andropogon gryllus L., Cent. Pl. 2: 33. 1756.

ssp. *gryllus*.

Temperate Himalaya, N.E. India.

ssp. echinulatus (Nees ex Royle) T.A. Cope in Kew Bull. 35: 701. 1980.

Rhaphis echinulata Nees ex Royle, Ill. Bot. Himal. 417. 1840.

Chrysopogon echinulatus (Nees ex Royle) W. Wats. in Atkins., Gaz. N.W. Ind. 10: 392. 1882; Bor, Grass. Ind. 116. 1960. N.W. Himalaya.

Chrysopogon hackelii (Hook. f.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1739. 1934 (3: 1205. 1967, Repr. ed.); Bor, Grass. Ind. 117. 1960.

Andropogon hackelii Hook. f., Fl. Brit. India 7: 194. 1896. Endemic in Peninsular India.

Chrysopogon hamiltonii (Hook. f.) Haines, Bot. Bih. Orissa 1036. 1924 (3: 1084. 1961, Repr. ed.); Bor, Grass. Ind. 117. 1960.

Andropogon hamiltonii Hook. f., Fl. Brit. India 7: 190. 1896. Endemic in Bihar.

Chrysopogon lancearius (Hook. f.) Haines, Bot. Bih. Orissa 1036. 1924 (3: 1083. 1961, Repr. ed.); Bor, Grass. Ind. 118. 1960.

Andropogon lancearius Hook. f., Fl. Brit. India 7: 190. 1896. E. Himalaya, E. India.

Chrysopogon orientalis (Desv.) A. Camus in Lecomte, Fl. Gen. de l' Indo-Chine 7: 332. 1922; Bor, Grass. Ind. 118. 1960.

Rhaphis orientalis Desv., Opusc. 69. 1831.

Andropogon wightianus Nees ex Steud., Syn. Pl. Glum. 1: 395. 1854. Warmer regions of India.

Chrysopogon polyphyllus (Hack. ex Hook. f.) Blatt. & McC.in J. Bombay nat. Hist. Soc. 32: 416. 1928; Bor, Grass. Ind. 118. 1960.

Andropogon polyphyllus Hack. ex Hook. f., Fl. Brit. India 7: 194. 1896. Central India southwards.

Chrysopogon pseudozeylanicus K.G. Bhat & Nagendram in Reinwardtia 10: 128, f. 1. 1985. Karnataka.

Chrysopogon serrulatus Trin. in Mem. Acad. Sci. Petersb. 6, 2: 318. 1832; Bor, Grass. Ind. 118. 1960.

Andropogon monticola Schult. var. *trinii* Hook. f., Fl. Brit. India 7: 193. 1896. N.E. & E. India, N.W. to C. Himalaya.

Chrysopogon taduljngamii P.V. Sreekumar, V.J. & N.C. Nair in J. Bombay nat. Hist. Soc. 80: 198, f. 15. 1983. Kerala.

Chrysopogon velutinus (Hook.f.) Bor, Grass. Ind. 119. 1960.

Andropogon velutinus Hook. f., Fl. Brit. India 7: 194. 1896. S. India.

Chrysopogon verticillatus (Roxb.) Trin. ex Steud., Nom. Bot. ed. 2. 1: 360. 1840; Bor, Grass. Ind. 119. 1960.

Andropogon verticillatus Roxb., Fl. Ind. 1: 267. 1820; Hook. f., Fl. Brit. India 7: 189. 1896. Peninsular & E. India.

Chrysopogon zeylanicus (Nees ex Steud.) Thw., Enum. Pl. Zeyl. 366. 1864; Bor, Grass. Ind. 119. 1960.

Andropogon zeylanicus Nees ex Steud., Syn. Pl. Glum. 1: 397. 1854; Hook. f., Fl. Brit. India 7: 192. 1896. S. India.

CLEISTACHNE Bth. in Hook., Ic. Pl. 14: 60. 1882.

Cleistachne sorghoides Bth. in Hook., Ic. Pl. 14: t. 1379. 1882; Bor, Grass. Ind. 119. 1960. C. India.

Cleistachne stocksii Hook. f., Fl. Brit. India 7: 162. 1896; Bor, Grass. Ind. 119. 1960. Peninsular India.

COELACHNE R. Br., Prodr. 187. 1810.

Coelachne minuta Bor in J. Bombay nat. Hist. Soc. 58: 317. 1961.

Coelachne ghatica Naik in Reinwardtia 9: 393. 1980 & Indian Forester 106: 732, f. 9. 1980. Endemic in Maharashtra.

Coelachne perpusilla (Arn. ex Steud.) Thw., Enum. Pl. Zeyl. 373. 1864; Bor, Grass. Ind. 576. 1960.

Panicum perpusillum Arn. ex Steud., Syn. Pl. Glum. 1: 96. 1854.

var. *perpusilla*.
Tamil Nadu (Nilgiris).

var. *nilagirica* Ved Prakash & Jain in Bull. Bot. Surv. India 24: 187, f. 12. (1982) 1983.
Tamil Nadu (Nilgiris).

Coelachne simpliciuscula (Wight & Arn. ex Steud.) Munro ex Bth. in J. Linn. Soc. 19: 93. 1881; Bor, Grass. Ind. 576. 1960.

Panicum simpliciusculum Wight & Arn. ex Steud., Syn. Pl. Glum. 1: 96. 1854.

Coelachne pulchella sensu Hook. f., Fl. Brit. India 7: 270. 1896 non R. Br. 1810.

Coelachne pulchella var. *simpliciuscula* (Wight & Arn. ex Steud.) Hook. f., Lc. 271.

In marshes in hilly regions of India.

COELACHYRIUM Hochst. & Nees in Linnaea 16: 221. 1842.

COELACHYROPSIS Bor in Ann. Natur. Hist. Mus. Wien 75: 25. 1972.

Coelachyrum lagopoides (Burm. f.) Senaratna, Grass. Ceylon 79. 1956; Bor, Grass. Ind. 488. 1960; Phillips in Kew Bull. 37: 154. 1982.

Cynosurus lagopoides Burm. f., Fl. Ind. 29. 1768.

Dactylis brevifolia Willd., Sp. Pl. 1: 410. 1798.

Eleusine brevifolia (Willd.) R. Br. ex Hook. f., Fl. Brit. India 7: 294. 1896.

Coelachyropsis lagopoides (Burm. f.) Bor in Ann. Natur. Hist. Mus. Wien 75: 25. 1972.
Coasts of South India.

COELORACHIS Brongn. in Duper., Voy. Coq. Bot. 2: 64. 1831.

Coelorachis glandulosa (Trin.) Stapf ex Ridl., Fl. Malay Penin. 5: 204. 1925; N.G. Nair in Ind. J. For. 2: 259. 1979.
Andaman & Nicobar Islands.

Coelorachis khasiana (Hack.) Stapf ex Bor in Indian For. Rec. (Bot.) 1 (3): 101. 1938 & Grass. Ind. 121. 1960.

Rotboellia striata Nees ex Steud. ssp. *khasiana* Hack. in DC., Monogr. Phan. 6: 302. 1889; Hook. f., Fl. Brit. India 7: 157. 1896.

N.E. India, E. Himalaya.

Coelorachis striata (Nees ex Steud.) A. Camus in Ann. Soc. Linn. Lyon n.s. 68: 197. 1921; Bor, Grass. Ind. 121. 1960.

Rotboellia striata Nees ex Steud., Syn. Pl. Glum. 1: 361. 1854; Hook. f., Fl. Brit. India 7: 157. 1896.

var. *striata*.
E. to C. Himalaya, N.E. India.

var. *pubescens* (Hack.) Henr. in Blumea 4: 519. 1941; Bor, Grass. Ind. 121. 1960.

Rotboellia striata Nees ex Steud. ssp. *genuina* var. *pubescens* Hack. in DC., Monogr. Phan. 6: 302. 1889; Hook. f., Fl. Brit. India 7: 157. 1896.

N.E. India.

COIX L., Sp. Pl. 972. 1753.

Coix aquatica Roxb., Fl. Ind. 3: 571. 1832; Hook. f., Fl. Brit. India 7: 100. 1896; Bor, Grass. Ind. 264. 1960.
Peninsular & C. India.

Coix gigantea Koen. ex Roxb., Fl. Ind. 3: 570. 1832; Bor, Grass. Ind. 264. 1960.

Coix lacryma-jobi L. var. *gigantea* (Roxb.) Stapf ex Hook. f., Fl. Brit. India 7: 100. 1896.
Warmer regions of India.

Coix lacryma-jobi L., Sp. Pl. 972. 1753; Hook. f., Fl. Brit. India 7: 100. 1896; Bor, Grass. Ind. 264. 1960.

var. *lacryma-jobi*.
Throughout hotter parts of India.

var. *ma-yuen* (Romanet) Stapf ex Hook. f., Fl. Brit. India 7: 100. 1896; Bor, Grass. Ind. 265. 1960.

Coix ma-yuen Romanet in Bull. Soc. Acclim. Paris 3, 8: 442. 1881.
E. Himalaya, N.E. India.

var. *stenocarpa* Stapf in Hook., Ic. Pl. t. 1764. 1888 & in Kew Bull. 1888: 144. 1888; Hook. f., Fl. Brit. India 7: 100. 1896; Bor, Grass. Ind. 265. 1960.
N.E. India.

Coix puellarum Dalansa in Morot, J. de Bot. 4: 77. 1890; Bor, Grass. Ind. 265. 1960.
N.E. India.

COLPODIUM Trin., Fund. Agrost. 119. 1822.

Colpodium wallichii (Hook. f.) Bor in Kew Bull. 1953: 270. 1953 & Grass. Ind. 530. 1960.

Catabrosa wallichii Hook. f., Fl. Brit. India 7: 312. 1896.
Himalaya.

CORTADERIA Stapf in Gard. Chron. 3, 22: 378. 1897 (nom. cons.).

Cortaderia seloana (Schult.) Aschers. & Graebn., Syn. Mitteleur. Fl. 2: 325. 1900; Bor, Grass. Ind. 415. 1960.

Arundo seloana Schult., Syst. Veg. 2, 2: Mant. Addit. 1: 605. 1827.
Introduced as an ornamental grass.

CRITESION Rafin. in J. Phys. 89: 103. 1819.

Critesion bogdanii (Wilensky) A. Love in Fedde, Reper. 95: 438. 1984.

Hordeum bogdanii Wilensky in Izv. Sarat. Opyta. St. 1, 2: 13. 1918; Bor, Grass. Ind. 676. 1960.

Hordeum secalinum sensu Hook. f., Fl. Brit. India 7: 372. 1896 p.p. non Schreb. 1771.
N.W. Himalaya.

Critesion brevisubulatum (Trin.) A. Love ssp. *turkestanicum* (Nevski) A. Love in Fedde, Reper. 95: 438. 1984.

Hordeum turkestanicum Nevski in Tr. Sredniaz., Univ., 8B, 17: 40. 1934; Bor, Grass. Ind. 677. 1960.

Hordeum brevisubulatum ssp. *turkestanicum* (Nevski) Tzvelev in Nov. Sist. Vyssh. Rast. 1971: 66. 1971.
W. to C. Himalaya.

Critesion glaucum (Steud.) A. Love in Fedde, Reper. 95: 440. 1984.

Hordeum glaucum Steud., Syn. Pl. Glum. 1: 352. 1854; Bor, Grass. Ind. 676. 1960.

Hordeum murinum ssp. *glaucum* (Steud.) Tzvelev in Nov. Sist. Vyssh. Rast. 1971: 67. 1971.
N.W. Himalaya.

Critesion murinum (L.) A. Love in Taxon 29: 350. 1980.

Hordeum murinum L., Sp. Pl. 85. 1753; Hook. f., Fl. Brit. India 7: 372. 1896; Bor, Grass. Ind. 676. 1960.

ssp. *murinum*.
N.W. Himalaya.

ssp. *leporinum* (Link) A. Love in Taxon 29: 350. 1980.

Hordeum leporinum Link in Linnaea 9: 133. 1835; Bor, Lc. 676.

Hordeum murinum ssp. *leporinum* (Link) Arcang., Comp. Fl. Ital. 805. 1882.
N.W. Himalaya.

CRITHIDIUM Link in Linnaea 9: 132. 1834.

Crithodium monococcum (L.) A. Love in Fedde, Reper. 95: 490. 1984.

Triticum monococcum L., Sp. Pl. 86. 1753; Bor, Grass. Ind. 679. 1960.
Cultivated.

CRYPISIS Ait., Hort. Kew. 1: 48. 1789 (nom. cons.).

Crypsis schoenoides (L.) Lam., Ill. 1: 166, t. 42. 1791; Bor, Grass. Ind. 622. 1960.

Phleum schoenoides L., Sp. Pl. 60. 1753.

Heleochoia schoenoides (L.) Host. Ic. Gram. Austr. 1: 23, t. 30. 1801; Hook. f., Fl. Brit. India 7: 235. 1896.
N.W. India, Himalaya.

CYATHOPUS Stapf in Hook., Ic. Pl. t. 2395. 1895.

Cyathopus sikkimensis Stapf in Hook., Ic. Pl. sub t. 2395. 1895; Hook. f., Fl. Brit. India 7: 240. 1896; Bor, Grass. Ind. 565. 1960.
Endemic in E. Himalaya.

CYMBOPOGON Spr., Pl. Min. Cogn. Pugil. 2: 14. 1815.

Cymbopogon caesus (Nees ex Hook. & Arn.) Stapf in Kew Bull. 1906: 341. 1906; Bor, Grass. Ind. 125. 1960; Soenarko in Reinwardtia 9: 331. 1977.

Andropogon caesius Nees ex Hook. & Arn., Bot. Beech. Voy. 244, 1838.

Andropogon schoenanthus L. var. *caesius* (Nees ex Hook. & Arn.) Hack. in DC., Monogr. Phan. 6: 610, 1889; Hook. f., Fl. Brit. India 7: 205, 1896.

Andropogon schoenanthus var. *gracillimus* Hook. f., l.c. 205.
Hotter regions of India.

Cymbopogon citratus (DC.) Stapf in Kew Bull. 1906: 357, 1906; Bor, Grass. Ind. 126, 1960; Soenarko in Reinwardtia 9: 351, 1977.

Andropogon citratus DC., Cat. Hort. Monsp. 78, 1813.
Cultivated.

Cymbopogon coloratus (Nees ex Hook. f.) Stapf in Kew Bull. 1906: 321, 1906; Bor, Grass. Ind. 126, 1960; Soenarko in Reinwardtia 9: 365, 1977.

Andropogon nardus L. var. *coloratus* Nees ex Hook. f., Fl. Brit. India 7: 206, 1896.
Peninsular to C. India.

Cymbopogon commutatus (Steud.) Stapf in Kew Bull. 1907: 211, 1907; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 330, 1982.

Andropogon commutatus Steud., Syn. Pl. Glum. 1: 387, 1854.

Cymbopogon parkeri Stapf in Kew Bull. 1929: 10, 1929; Bor, Grass. Ind. 131, 1960; Soenarko in Reinwardtia 9: 311, 1977.
N. India.

Cymbopogon distans (Nees ex Steud.) Wats. in Atkins., Gaz. N.W. Prov. Ind. 392, 1882; Bor, Grass. Ind. 126, 1960; Soenarko in Reinwardtia 9: 355, 1977.

Andropogon distans Nees ex Steud., Syn. Pl. Glum. 1: 387, 1854; Hook. f., Fl. Brit. India 7: 207, 1896.
N.W. to Central Himalaya.

Cymbopogon exsertus (Hack.) A. Camus in Rev. Bot. Appl. 1: 287, 1921; Bor, Grass. Ind. 127, 1960.

Andropogon nardus L. ssp. *marginatus* (Steud.) Hack. var. *exsertus* Hack. in DC., Monogr. Phan. 6: 608, 1889; Hook. f., Fl. Brit. India 7: 207, 1896.
Nepal.

Cymbopogon flexuosus (Nees ex Steud.) Wats. in Atkins., Gaz. N.W. Prov. Ind. 392, 1882; Bor, Grass. Ind. 127, 1960; Soenarko in Reinwardtia 9: 353, 1977.

Andropogon flexuosus Nees ex Steud., Syn. Pl. Glum. 1: 388, 1854.

Andropogon nardus L. ssp. *flexuosus* (Nees) Hack. in DC., Monogr. Phan. 6: 603, 1889; Hook. f., Fl. Brit. India 7: 207, 1896.

Cymbopogon travancorensis Bor in J. Bombay nat. Hist. Soc. 52: 174, 1954 & Grass. Ind. 132, 1960.

var. *flexuosus*.
Warmer regions of India.

var. *sikkimensis* Bor in J. Bombay nat. Hist. Soc. 52: 162, 1954 & Grass. Ind. 127, 1960.
E. Himalaya.

Cymbopogon gidarba (Buch.-Ham. ex Hook. f.) Haines, Bot. Bih. Orissa 1048, 1924 (3: 1096, 1961, Repr. ed.); Bor, Grass. Ind. 128, 1960; Soenarko in Reinwardtia 9: 316, 1977.

Andropogon gidarba Buch.-Ham. ex Hook. f., Fl. Brit. India 7: 208, 1896.
Warmer regions of India.

Cymbopogon jwarancusa (Jones) Schult., Syst. Veg. 2, Mant. 458, 1824; Bor, Grass. Ind. 128, 1960; Soenarko in Reinwardtia 9: 305, 1977.

Andropogon jwarancusa Jones in Asiat. Res. 4: 109, 1795; Hook. f., Fl. Brit. India 7: 203, 1896.

ssp. *jwarancusa*.
Warmer regions of India.

ssp. *olivieri* (Boiss.) Soenarko in Reinwardtia 9: 307, 1977; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 329, 1982.

Andropogon olivieri Boiss., Diagn., 1, 1(5): 76, 1844.

Andropogon jwarancusa ssp. *laniger* Hook. f., Fl. Brit. India 7: 203, 1896 non Desf. 1799.

Andropogon schoenanthus Hook. f. l.c. 204 non L. 1753.

Cymbopogon schoenanthus sensu Bor, Grass. Ind. 131, 1960 non (L.) Spr. 1815.

Cymbopogon olivieri (Boiss.) Bor in Notes RBG Edinb. 25: 63, 1963.

Cymbopogon ladakhensis B.K. Gupta in Proc. Indian Acad. Sci. 71 B: 10. 1970.
Warmer regions of India.

Cymbopogon khasianus (Hack.) Stapf ex Bor in Indian For. Rec. (Bot.) 1: 3, 92. 1938 & Grass. Ind. 128. 1960; Soenarko in Reinwardtia 9: 346. 1977.

Andropogon nardus L. var. *khasianus* Hack. in DC., Monogr. Phan. 6: 603. 1889; Hook. f., Fl. Brit. India 7: 206. 1896.
N.E. India.

Cymbopogon martinii (Roxb.) Wats. in Atkins., Gaz. N.W. Prov. Ind. 392. 1882; Bor, Grass. Ind. 129. 1960; Soenarko in Reinwardtia 9: 330. 1977.

Andropogon martinii Roxb., Fl. Ind. 1: 280. 1820.

Andropogon schoenanthus L. var. *martinii* Hook. f., Fl. Brit. India 7: 204. 1896.

Cymbopogon martinii var. *sofia* B.K. Gupta in Proc. Indian Acad. Sci. 71B: 97. 1970.

Cymbopogon motia B.K. Gupta, Lc. 92.
Throughout hotter parts of India.

Cymbopogon microstachys (Hook. f.) Soenarko in Reinwardtia 9: 364. 1977.

Andropogon nardus L. var. *microstachys* Hook. f., Fl. Brit. India 7: 207. 1896.

Cymbopogon flexuosus (Nees ex Steud.) Wats. var. *microstachys* (Hook. f.) Bor in J. Bombay nat. Hist. Soc. 52: 162. 1954 & Grass. Ind. 127. 1960.
N., E. & N.E. India.

Cymbopogon microtheca (Hook. f.) A. Camus in Rev. Bot. Appl. 1: 284. 1921; Bor, Grass. Ind. 129. 1960; Soenarko in Reinwardtia 9: 317. 1977.

Andropogon microtheca Hook. f., Fl. Brit. India 7: 208. 1896.
C. to E. Himalaya, E. India.

Cymbopogon nardus (L.) Rendle in Cat. Welw., Afr. Pl. 2: 155. 1899; Bor, Grass. Ind. 130. 1960; Soenarko in Reinwardtia 9: 349. 1977.

Andropogon nardus L., Sp. Pl. 1046. 1753; Hook. f., Fl. Brit. India 7: 206. 1896.

var. *nardus*.
Throughout hotter parts of India.

var. *confertiflorus* (Steud.) Stapf ex Bor in J. Bombay nat. Hist. Soc. 51: 905. 1953 & Grass. Ind. 130. 1960; Soenarko in Reinwardtia 9: 350. 1977.

Andropogon confertiflorus Steud., Syn. Pl. Glum. 1: 385. 1854.

Andropogon nardus L. var. *nilagiricus* Hack. in DC., Monogr. Phan. 6: 604. 1889; Hook. f., Fl. Brit. India 7: 206. 1896.

Andropogon nardus L. var. *luridus* Hook. f., l.c.

Cymbopogon confertiflorus (Steud.) Stapf in Kew Bull. 1906: 318, 355. 1906.
E. to S. India.

Cymbopogon osmastonii Parker in Fedde, Repert. 31: 126. 1932; Bor, Grass. Ind. 130. 1960; Soenarko in Reinwardtia 9: 337. 1977.
N. India.

Cymbopogon pendulus (Nees ex Steud.) Wats. in Atkins., Gaz. N.W. Prov. Ind. 392. 1882; Bor, Grass. Ind. 131. 1960; Soenarko in Reinwardtia 9: 355. 1977.

Andropogon pendulus Nees ex Steud., Syn. Pl. Glum. 1: 388. 1854.
E. Himalaya, E. & N.E. India.

Cymbopogon polyneuros (Steud.) Stapf in Kew Bull. 1906: 361. 1906; Bor, Grass. Ind. 131. 1960; Soenarko in Reinwardtia 9: 335. 1977.

Andropogon polyneuros Steud., Syn. Pl. Glum. 1: 385. 1854.

Andropogon schoenanthus L. var. *versicolor* Hack. in DC., Monogr. Phan. 6: 610. 1889.
S. India.

Cymbopogon pospischilii (K. Schum.) C.E. Hubb. in Kew Bull. 4: 175. 1949; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 331. 1982.

Andropogon pospischilii K. Schum. in Engl., Bot. Jahrb. 24: 328. 1897.

Andropogon nardus L. var. *stracheyi* Hook. f., Fl. Brit. India 7: 207. 1896.

Cymbopogon stracheyi (Hook. f.) Raiz. & Jain in Indian Forester 80: 44. 1954; Bor, Grass. Ind. 131. 1960; Soenarko in Reinwardtia 9: 314. 1977.

N. India, W. to C. Himalaya.

Cymbopogon traninhensis (A. Camus) Soenarko in Reinwardtia 9: 347. 1977.

Cymbopogon confertiflorus var. *traninhensis* A. Camus in Bull. Mus. Hist. Nat. Paris 26: 565. 1920.

Cymbopogon khasianus var. *nagensis* Bor in J. Bombay nat. Hist. Soc. 52: 169. 1954 & Grass. Ind. 128. 1960.
N.E. India.

Cymbopogon winteranus Jowitt in Ann. R. Bot. Gdns. Peradeniya 4: 189. 1908; Bor, Grass. Ind. 132. 1960.
Cultivated.

Doubtful species:

Cymbopogon distans var. *mundensis* B.K. Gupta in Proc. Indian Acad. Sci. 71B: 97. 1970.

Cymbopogon flexuosus var. *coimbatorensis* B.K. Gupta l.c. 94.

Cymbopogon jwarancusa var. *assamensis* B.K. Gupta l.c. 95.

Cymbopogon parkeri var. *jammuensis* B.K. Gupta, l.c. 96.

Cymbopogon rannagarensis B.K. Gupta, l.c. 86.

CYNODON L.C. Rich. in Pers., Syn. Pl. 1: 85. 1805 (nom. cons.).

Cynodon arcuatus J.S. ex C.B. Presl, Rel. Haenk. 1: 290. 1830; Bor, Grass. Ind. 469. 1960.

C. intermedius Rang. & Tad. in J. Bombay nat. Hist. Soc. 26: 304. 1918.

Cynodon dactylon var. *intermedius* (Rang. & Tad.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1835. 1934 (3: 1270. 1967, Repr. ed.).
S. & N.E. India.

Cynodon barberi Rang. & Tad. in J. Bombay nat. Hist. Soc. 24: 846. 1916; Bor, Grass. Ind. 469. 1960.

f. *barberi*
S. India.

f. *longifolius* Jain in Indian Forester 92: 699. 1966.
Orissa.

Cynodon dactylon (L.) Pers., Syn. Pl. 1: 85. 1805; Hook. f., Fl. Brit. India 7: 288. 1896; Bor, Grass. Ind. 469. 1960.

Panicum dactylon L., Sp. Pl. 58. 1753.
Throughout India.

Cynodon plectostachyus (K. Schum. ex Engl.) Pilger in Engl., Bot. Jahrb. 40: 82. 1907; Bor, Grass. Ind. 471. 1960.

Leptochloa plectostachya K. Schum. ex Engl., Pflanzenw. Ost-Afr. C, 112. 1895.
Introduced into India.

CYNOSURUS L., Sp. Pl. 72. 1753.

Cynosurus cristatus L., Sp. Pl. 72. 1753; Hook. f., Fl. Brit. India 7: 307. 1896; Bor, Grass. Ind. 530. 1960.
W. Himalaya, introduced.

Cynosurus echinatus L., Sp. Pl. 72. 1753; Bor, Grass. Ind. 530. 1960.
Introduced.

CYRTOCOCCUM Stapf in Prain, Fl. Trop. Afr. 9: 15. 1917; 9: 745. 1920.

Cyrtococcum accrescens (Trin.) Stapf in Hook., Ic. Pl. sub t. 3096. 1922; Bor, Grass. Ind. 291. 1960.

Panicum accrescens Trin., Sp. Gram. Ic. 1: t. 88. 1828.
S., N. & N.E. India, Andaman & Nicobar Islands.

Cyrtococcum deccanense Bor in Kew Bull. 1956: 255. 1956 & Grass. Ind. 291. 1960.

Panicum patens sensu Hook. f., Fl. Brit. India 7: 57. 1896, non L. 1753.
S. India.

Cyrtococcum longipes (Wight & Arn. ex Hook. f.) A. Camus in Bull. Mus. Hist. Nat. Paris 27: 118. 1921; Bor, Grass. Ind. 291. 1960.

Panicum longipes Wight & Arn. ex Hook. f., Fl. Brit. India 7: 58. 1896.
S. India.

Cyrtococcum muricatum (Retz.) Bor, Grass. Ind. 291. 1960.

Panicum muricatum Retz., Obs. Bot. 4: 18. 1786.
S. India.

Cyrtococcum oxyphyllum (Steud.) Stapf in Hook., Ic. Pl. sub t. 3096. 1922; Bor, Grass. Ind. 291. 1960.

Panicum oxyphyllum Steud., Syn. Pl. Glum. 1: 65. 1854.

Panicum pilipes Nees & Arn. ex Buesc in Miq., Pl. Jungh. 3: 376. 1854; Hook. f., Fl. Brit. India 7: 57. 1896.

Sikkim Terai to Nilgiris, Andaman & Nicobar Islands.

Cyrtococcum patens (L.) A. Camus in Bull. Mus. Hist. Nat. Paris 27: 118. 1921; Bor, Grass. Ind. 292. 1960.

Panicum patens L., Sp. Pl. 58. 1753; Hook. f., Fl. Brit. India 7: 57. 1896.
Throughout India.

Cyrtococcum trigonum (Retz.) A. Camus in Bull. Mus. Hist. Nat. Paris 27: 118. 1921; Bor, Grass. Ind. 292. 1960.

Panicum trigonum Retz., Obs. Bot. 3: 9. 1783; Hook. f., Fl. Brit. India 7: 56. 1896.
S. & E. India, Andaman & Nicobar Islands.

DACTYLIS L., Sp. Pl. 71. 1753.

Dactylis glomerata L., Sp. Pl. 71. 1753; Hook. f., Fl. Brit. India 7: 335. 1896; Bor, Grass. Ind. 530. 1960.
In temperate regions, Nilgiris, Pulneys, Himalaya.

DACTYLOCTENIUM Willd., Enum. Pl. Hort. Berol. 1029. 1809.

Dactyloctenium aegyptium (L.) Willd., Enum. Hort. Berol. 1029. 1809; Bor, Grass. Ind. 489. 1960.

Cynosurus aegyptius L., Sp. Pl. 72. 1753.

Eleusine aegyptia (L.) Desf., Fl. Atlant. 1: 85. 1798; Hook. f., Fl. Brit. India 7: 295. 1896.
Throughout India.

Dactyloctenium aristatum Link. Hort. Berol. 1: 59. 1827; Bor, Grass. Ind. 489. 1960; Raju et al. in J. Econ. Tax. Bot. 8: 246. 1986.
N.W. & S. India.

Dactyloctenium australe Steud., Syn. Pl. Glum. 1: 212. 1854; Bor, Grass. Ind. 489. 1960.
Introduced.

Dactyloctenium acindicuz Boiss., Diagn. 2, 4: 131. 1859; Bor, Grass. Ind. 489. 1960.
N.W. India.

DANTHONIA DC. in Lam. & DC., Fl. Franc. ed. 3, 3: 32. 1805. (nom. cons.).

Danthonia cachemyriana Jaub. & Spach, Ill. Pl. Or. 4: 46, t. 331. 1851; Bor, Grass. Ind. 478. 1960.

Danthonia exilis Hook. f., Fl. Brit. India 7: 281. 1896.
N.W. to C. Himalaya.

Danthonia schneideri Pilger in Fedde, Repert. 17: 131. 1921; Bor in Fl. Iraq 356. 1970.

Danthonia cachemyriana sensu Hook. f., Fl. Brit. India 7: 281. 1896 p.p. non Jaub. & Spach, 1851.

Danthonia jacquemontii Bor in Kew Bull. 1952: 80. 1952 & Grass. Ind. 478. 1960.

var. *schneideri*.
Temperate and Alpine Himalaya.

var. *minor* (Hook. f.) Karthik. *comb. nov.*

Danthonia cachemyriana var. *minor* Hook. f., Fl. Brit. India 7: 282. 1896.

Danthonia cumminsii Hook. f., l.c. 282.

Danthonia jacquemontii Bor var. *minor* (Hook. f.) Bor in Kew Bull. 1952: 81. 1952 & Grass. Ind. 479. 1960.
Himalaya.

DANTHONIDIUM C.E. Hubb. in Hook., Ic. Pl. t. 3331. 1937.

Danthonidium gammiei (Bhide) C.E. Hubb. in Hook., Ic. Pl. sub t. 3331. 1937; Bor, Grass. Ind. 479. 1960.

Danthonia gammiei Bhide in J. Proc. Asiat. Soc. Beng. (n.s.) 7: 513, t. 6. 1912.
Peninsular India.

DESCHAMPSIA P. Beauv., Ess. Agrost. 91. 1812.

Deschampsia caespitosa (L.) P. Beauv., Ess. Agrost. 91, 160, t. 18, f. 3. 1812; Hook. f., Pl.

Brit. India 7: 273. 1896; Bor, Grass. Ind. 435. 1960.

Aira caespitosa L., Sp. Pl. 64. 1753.
Temperate & Alpine Himalaya.

Deschampsia flexuosa (L.) Trin. in Bull. Acad. Sci. Petersb. 1: 66. 1836; Bor, Grass. Ind. 435. 1960.

Aira flexuosa L., Sp. Pl. 65. 1753.
Nepal.

Deschampsia koelerioides Regel in Bull. Soc. Nat. Mosc. 41: 299. 1868; Hook. f., Fl. Brit. India 7: 273. 1896; Bor, Grass. Ind. 435. 1960.
N.W. Himalaya.

DESMOSTACHYA Stapf in Thiseleton-Dyer, Fl. Cap. 7: 316. 1898.

Desmostachya biplanata (L.) Stapf in Dyer, Fl. Cap. 7: 632. 1900; Bor, Grass. Ind. 491. 1960.

Briza bipinnata L., Syst. Nat. ed. 10. 2: 875. 1759.

Poa cynosuroides Retz., Obs. Bot. 4: 20. 1786.

Eragrostis cynosuroides (Retz.) P. Beauv., Ess. Agrost. 71, 162. 1812; Hook. f., Fl. Brit. India 7: 324. 1896.
Plains of India.

DEYEUXIA Clar. ex P. Beauv., Ess. Agrost. 43. 1812.

Deyeuxia horii Sumanda & Jain in Bull. Bot. Surv. India 25: 208. (1983) 1985.

Agrostis nagensis Bor in Kew Bull. 1954: 497. 1954.
N.E. India.

Deyeuxia elatior (Griseb.) Hook. f., Fl. Brit. India 7: 266. 1896; Bor, Grass. Ind. 398. 1960.

Calamagrostis scabrescens var. *elatior* Griseb. in Goett. Nachr. 79. 1868.
Endemic in N.E. India.

Deyeuxia nagarum Bor in Indian For. Rec. (Bot.) n.s. 1: 69. 1938 & Grass. Ind. 399. 1960.

Calamagrostis nagarum (Bor) G. Singh in Taxon 33: 94. 1984.
Endemic in N.E. India.

Deyeuxia nepalensis Bor in Kew Bull. 1957: 411. 1958 & Grass. Ind. 399. 1960.

Calamagrostis staintonii G. Singh in Taxon 33: 94. 1984.
Nepal.

Deyeuxia nivicola Hook. f., Fl. Brit. India 7: 267. 1896; Bor, Grass. Ind. 399. 1960.
E.to C. Himalaya.

Deyeuxia pulchella (Griseb.) Hook. f., Fl. Brit. India 7: 268. 1896; Bor, Grass. Ind. 399. 1960.

Calamagrostis pulchella Griseb. in Goett. Nachr. 78. 1868.

Calamagrostis lahulensis G. Singh in Taxon 33: 94. 1984.
Alpine & sub-alpine Himalaya.

Deyeuxia rosea Bor in Kew Bull. 1954: 498. 1954 & Grass. Ind. 399. 1960.
Probably in Sikkim (*vide* Bor).

Deyeuxia simlensis Bor in Indian For. Rec. (Bot.) n.s. 3: 149. 1941 & Grass. Ind. 400. 1960.

Calamagrostis simlensis (Bor) G. Singh in Taxon 33: 94. 1984.
W. Himalaya.

Deyeuxia tibetica Bor in Kew Bull. 1949: 66. 1949 & Grass. Ind. 400. 1960.

Calamagrostis tibetica (Bor) G. Singh in Taxon 33: 95. 1984.
E. Himalaya.

DICHAETARIA Nees ex Steud., Syn. Pl. Glum. 1: 145. 1854.

Dichaetaria wightii Nees ex Steud., Syn. Pl. Glum. 1: 145. 1854; Bor, Grass. Ind. 471. 1960.
S. India.

DICHANTHIUM Willemet in Ann. Bot. (Usteri) 18: 11. 1796.

INDOCHLOA Bor in Kew Bull. 1954: 75. 1954
P.P.

Dichanthium annulatum (Forssk.) Stapf in Prain, Fl. Trop. Afr. 9: 178. 1917; Bor, Grass. Ind. 133. 1960.

Andropogon annulatus Forssk., Fl. Aeg.-Arab. 173. 1775; Hook. f., Fl. Brit. India 7: 196. 1896.
Throughout India.

Dichanthium aristatum (Poir.) C.E. Hubb. in Kew Bull. 1939: 654. 1939; Bor, Grass. Ind. 134. 1960.

Andropogon aristatus Poir. in Lam., Encycl. 1: 585. 1810.

Andropogon mollicomus Kunth, Rev. Gram. 1: 365, t. 96. 1830.

Andropogon caricosus L. var. *mollicomus* (Kunth) Hack. in DC., Monogr. Phan. 6: 569. 1889; Hook. f., Fl. Brit. India 7: 196. 1896. From Madhya Pradesh southwards.

Dichanthium armatum (Hook. f.) Blatt. & McC. in J. Bombay nat. Hist. Soc. 32: 425. 1928; Bor, Grass. Ind. 134. 1960.

Andropogon armatus Hook. f., Fl. Brit. India 7: 197. 1896. Maharashtra.

Dichanthium caricosum (L.) A. Camus in Bull. Mus. Hist. Nat. Paris 27: 549. 1921; Bor, Grass. Ind. 134. 1960.

Andropogon caricosus L., Sp. Pl. ed. 2. 1480. 1763; Hook. f., Fl. Brit. India 7: 196. 1896. Throughout India, Andaman & Nicobar Islands.

Dichanthium maccannii Blatt. in J. Bombay nat. Hist. Soc. 32: 357. 1927; Bor, Grass. Ind. 135. 1960. Endemic in Maharashtra.

Dichanthium oliganthum (Hochst. ex Steud.) T.A. Cope in Kew Bull. 35: 703. 1980.

Andropogon oliganthus Hochst. ex Steud., Syn. Fl. Glum. 1: 368. 1854; Hook. f., Fl. Brit. India 7: 201. 1896.

Heteropogon oliganthus (Hochst. ex Steud.) Blatt. & McC. in J. Bombay nat. Hist. Soc. 32: 623. 1928.

Indochloa oligantha (Hochst. ex Steud.) Bor in Kew Bull. 1954: 79. 1954 & Grass. Ind. 171. 1960. Peninsular India.

Dichanthium pallidum (Hook. f.) Stapf ex C.E.C. Fischer in Gamble, Fl. Pres. Madras 1741. 1934 (3: 1207. 1967, Repr. ed.); Bor, Grass. Ind. 135. 1960.

Apocypis pallida Hook. f., Fl. Brit. India 7: 143. 1896. S. India.

Dichanthium panchganiensis Blatt. & McC. in J. Bombay nat. Hist. Soc. 32: 357. 1927; Bor, Grass. Ind. 135. 1960. Endemic in Maharashtra.

Dichanthium paranjpyeanum (Bhide) W.D. Clayton in Kew Bull. 32: 579. 1978.

Andropogon paranjpyeanus Bhide in J. Proc. Asiat. Soc. Beng. (n.s.) 7: 514. 1911.

Eremopogon paranjpyeanus (Bhide) Blatt. & McC. in J. Bombay nat. Hist. Soc. 32: 427. 1928.

Schizachyrium paranjpyeanum (Bhide) Raiz. & Jain in Proc. Indian Sci. Congr. Abs. 3: 130. 1953; Bor, Grass. Ind. 216. 1960. Endemic in Peninsular India.

Dichanthium tuberculatum (Hack.) T.A. Cope in Kew Bull. 35: 703. 1980.

Andropogon tuberculatus Hack. in DC., Monogr. Phan. 6: 404. 1889; Hook. f., Fl. Brit. India 7: 168. 1896.

Eremopogon tuberculatus (Hack.) A. Camus in Ann. Soc. Linn. Lyon, n.s. 68: 209. 1922; Bor, Grass. Ind. 149. 1960. Madhya Pradesh, Maharashtra.

Dichanthium annulatum x *Bothriochloa bladhii*; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 283. 1982.

Andropogon grahamii Haines in Kew Bull. 1914: 189. 1914.

Bothriochloa grahamii (Haines) Bor, Grass. Ind. 107. 1960. Madhya Pradesh.

DIECTOMIS Kunth in Mem. Mus. Hist. Nat. Paris 2: 69. 1815 (nom. cons.).

Diectomis fastigiata (Swartz) Kunth in Hamb. & Bonpl., Nov. Gen. & Sp. 1: 193, t. 64. 1816; Bor, Grass. Ind. 135. 1960.

Andropogon fastigiatus Swartz, Prodr. Veg. Ind. Occ. 26. 1788; Hook. f., Fl. Brit. India 7: 167. 1896. C. to E. India.

DIGITARIA (Heist., Syst. 45. 1748; Fabr., Enum. Pl. 207. 1759, excl. synonym. Sloane; ed. 2. 374. 1763) Haller, Hist. Stirp. 2: 244. 1768,

nom. cons. prop.; Veldkamp in Blumea 21: 4-6. 1973.

Digitaria abludens (R. & S.) Veldk. in Blumea 21: 53. 1973.

Panicum abludens R. & S., Syst. Veg. 2: 457. 1817.

Paspalum granulare Trin. ex Spr., Neue Entdeck 2: 47. 1821.

Paspalum pedicellatum Nees ex Duthic, Grasses N.W. Ind. 1. 1883.

Paspalum pedicellare Trin. ex Hook. f., Fl. Brit. India 7: 19. 1896.

Digitaria pedicellaris (Trin. ex Hook. f.) Prain, Bengal Pl. 1181. 1903 (2: 890. 1963. Repr. ed.).

Digitaria granularis (Trin. ex Spr.) Henr., Monogr. Gen. Digitaria 302. 1950; Bor, Grass. Ind. 301. 1960.
Throughout India.

Digitaria bicornis (Lam.) R. & S. ex Loud., Hort. Brit. 24: n. 1578. 1830; Bor, Grass. Ind. 299. 1960.

Paspalum bicornis Lam., Ill. 1: 176. 1791.
In dry regions, S. & E. India.

Digitaria brownii (R. & S.) Hughes in Kew Bull. 1923: 313. 1923; Bor, Grass. Ind. 300. 1960.

Panicum brownii R. & S., Syst. Veg. 2: 462. 1817.
Introduced into Tamil Nadu.

Digitaria ciliaris (Retz.) Koel., Deser. Gram. 27. 1802; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 228. 1982.

Panicum ciliare Retz., Obs. Bot. 4: 16. 1786.

Digitaria bififormis Willd., Enum. Pl. Hort. Berol. 92. 1809; Bor, Grass. Ind. 299. 1960.

Panicum adscendens H.B.K., Nov. Gen. & Sp. 1: 97. 1816.

Digitaria marginata Link, Hort. Berol. 1: 102. 1821.

Digitaria fimbriata Link, l.c. 226.

Digitaria chrysolephara Fig. & de Not. in Acad. Ric. Sc. Tor. 2, 14: 364, t. 27. 1851.

Paspalum sanguinale Lam. var. *ciliare* (Retz.) Hook. f., Fl. Brit. India 7: 15. 1896.

Paspalum sanguinale var. *rotteri* Hook. f., l.c. 16.

Digitaria marginata Link var. *fimbriata* (Link) Stapf in Prain, Fl. Trop. Afr. 9: 440. 1919.

Digitaria adscendens (H.B.K.) Henr. in Blumea 1: 92. 1934; Bor, l.c. 289.

Digitaria adscendens ssp. *chrysolephara* (Fig. & de Not.) Henr., Monogr. Digitaria 998. 1950; Bor, l.c. 299.

Digitaria adscendens var. *criniformis* Henr. l.c. 999 (based on *D. fimbriata* Link); Bor, l.c. Throughout India.

Digitaria compacta (Roth ex R. & S.) Veldk. in Blumea 21: 71. 1973.

Paspalum compactum Roth ex R. & S., Syst. Veg. 2: 316. 1817.

Digitaria cruciata (Nees ex Steud.) A. Camus var. *esculenta* Bor in Webbia 11: 353. 1955 & Grass. Ind. 300. 1960.
N.E. India.

Digitaria cruciata (Nees ex Steud.) A. Camus in Lecomte, Fl. Gen. de l' Indo-Chine 7: 399. 1922; Bor, Grass. Ind. 300. 1960.

Panicum cruciatum Nees ex Steud., Syn. Pl. Glum. 1: 39. 1854.

Paspalum sanguinale Lam. var. *cruciatum* (Nees ex Steud.) Hook. f., Fl. Brit. India 7: 14. 1896.

var. *cruciata*,
N.E. India, Himalaya.

var. *pectinata* Veldk. in Blumea 21: 72. 1973.
N.E. India.

Digitaria didactyla Willd., Enum. Pl. Hort. Berol. 91. 1809; Bor, Grass. Ind. 300. 1960.
Introduced into India as a lawn grass.

Digitaria duthjeana Henr. ex Bor in Kew Bull. 1953:273. 1953 & Grass. Ind. 300. 1960.
Endemic in Madhya Pradesh.

Digitaria fuscescens (J.S. ex C.B. Presl) Henr. in Meded. Rijksherb. n. 61: 8. 1930; Bor, Grass. Ind. 301. 1960.

Paspalum fuscescens J.S. ex C.B. Presl, Rel. Haenk. 1: 213. 1830.
E. India.

Digitaria griffithii (Hook. f.) Henr. in Blumea 1: 100. 1934; Bor, Grass. Ind. 301. 1960.

Paspalum sanguinale (L.) Lam. var. *griffithii* Hook. f., Fl. Brit. India 7: 15. 1896.
S. India.

Digitaria ischaemum (Schreb.) Schreb. ex Muhl., Descr. Gram. Plant. Calam. 131. 1817; Bor, Grass. Ind. 302. 1960.

Panicum ischaemum Schreb. in Schw., Fl. Erlang. 16.1804.

Paspalum ambiguum Lam. & DC., Fl. Franc. 3: 16. 1805; Hook. f., Fl. Bri. India 7: 17. 1896.
Temperate N.W. Himalaya.

Digitaria jubata (Griseb.) Henr. in Blumea 1: 100. 1934; Bor, Grass. Ind. 302. 1960.

Paspalum jubatum Griseb. in Nachr. Kon. Ges. Wiss. Univ. Gott. 84. 1868; Hook. f., Fl. Brit. India 7: 19. 1896.
Endemic in N.E. India.

Digitaria longiflora (Retz.) Pers., Syn. Pl. 1: 85. 1805; Bor, Grass. Ind. 302. 1960.

Paspalum longiflora Retz., Obs. Bot. 4: 15. 1786.

Paspalum preslii Kunth, Enum. Pl. 1: 47. 1833.

Digitaria preslii (Kunth) Henr., Monogr. Digitaria 589. 1950; Bor, l.c. 304.
Throughout India.

Digitaria nodosa Parl., Plant. Nov. 39. 1842; Bor, Grass. Ind. 303. 1960.

Panicum pabulare Aitch. in J. Linn. Soc. 19: 190. 1882.

Paspalum sanguinale (L.) Lam. var. *pabulare* (Aitch.) Hook. f., Fl. Brit. India 7: 15. 1896.
Arid regions of N.W. India.

Digitaria pennata (Hochst.) T. Cooke, Fl. Pres. Bombay 2: 941. 1908 (3: 458. 1967, Repr. ed.); Bor, Grass. Ind. 303. 1960.

Panicum pennatum Hochst. in Flora 38: 197. 1855.

var. *pennata*.
Drier parts of W., N. & N.W. India.

var. *shettyana* Pandey, Parmar & Vyas in J. Econ. Tax. Bot. 5: 475. 1984.
Rajasthan.

Digitaria pentzil Stent in Bothalia 3: 147. 1930; Bor, Grass. Ind. 304. 1960.
Introduced.

Digitaria radicata (C.B. Presl) Miq., Fl. Ind. Bat. 3: 437. 1857; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 224. 1982.

Panicum radicosum C.B. Presl, Rel. Haenk. 1: 297. 1830.

Panicum timorense Kunth, Enum. Pl. 1: 83. 1833.

Digitaria timorensis (Kunth) Bal. in Morot, J. de Bot. 4: 138. 1890; Bor, Grass. Ind. 306. 1960.

Paspalum sanguinale Lam. var. *debile* Hook. f., Fl. Brit. India 7: 16. 1896.
E. & N.E. India, Andaman Islands.

Digitaria sanguinalis (L.) Scop., Fl. Carn. ed. 2. 1: 52. 1772; Bor, Grass. Ind. 304. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 231. 1982.

Panicum sanguinale L., Sp. Pl. 57. 1753.

Paspalum sanguinale (L.) Lam., Ill. 1: 176. 1791; Hook. f., Fl. Brit. India 7: 13. 1896.

Digitaria sanguinalis (L.) Scop. ssp. *aegyptiaca* var. *frumentacea* Henr., Monogr. Digitaria 985. 1950; Bor. l.c. 304.

Digitaria sanguinalis ssp. *vulgaris* var. *rotleriana* Henr., l.c. 986; Bor, l.c. 304.
Throughout India in moist & dry situations.

Digitaria setigera Roth ex R. & S., Syst. Veg. 2: 474. 1817; Bor, Grass. Ind. 305. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 226. 1982.

Panicum pruriens Trin., Gram. Panic. 77. 1826.

Panicum microbachne J.S. ex C.B. Presl, Rel. Haenk. 1: 298. 1830.

Paspalum sanguinale Lam. var. *extensum* Hook. f., Fl. Brit. India 7: 15. 1896.

Paspalum sanguinale var. *pruriens* (Trin.) Hook. f., l.c. 15.

Digitaria microbachne (J.S. ex C.B. Presl) Henr. in Meded. Rijks Herb. no. 16: 13. 1930; Bor, l.c. 302.

Digitaria microbachne (J.S. ex C.B. Presl) Henr. var. *calliblepharata* Henr., Monogr. Digitaria 452, f. 945. 1950.

Digitaria setigera var. *calliblepharata* (Henr.) Veldk. in Blumea 21: 40. 1973.
Throughout India.

Digitaria stewartiana Bor in Kew Bull. 1951: 166. 1951 & Grass. Ind. 305. 1960.

Endemic in N.W. Himalaya.

Digitaria stricta Roth ex R. & S., Syst. Veg. 2: 474. 1817; Bor, Grass. Ind. 305. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 222. 1982.

Paspalum royleanum Nees ex Hook. f., Fl. Brit. India 7: 18. 1896.

Digitaria denudata Link, Hort. Berol. 1: 222. 1827.

Digitaria stricta var. *denudata* (Link) Henr., Monogr. Digitaria 175. 1950; Bor, Lc. 306.

Digitaria stricta var. *glabrescens* Bor in Webbia 11: 336. 1955 & Grass. Ind. 305. 1960.
Hilly districts of India.

Digitaria ternata (A. Rich.) Stapf ex Dyer, Fl. Cap. 7: 376. 1898; Bor, Grass. Ind. 306. 1960.

Cynodon ternatus A. Rich., Tent. Fl. Abyss. 2: 405. 1851.

Paspalum ternatum Hook. f., Fl. Brit. India 7: 17. 1896.
Peninsular & N.E. India.

Digitaria tomentosa (Koen. ex Willd.) Henr. in Blumea 1: 100. 1934; Bor, Grass. Ind. 306. 1960.

Milium tomentosum Koen. ex Willd. in Ges. Naturf. Freund. Berlin, Neue Schr. 4: 220. 1803.

Panicum subglume Trin. in Mem. Acad. Sci. Petersb. 6, 3: 292. 1834; Hook. f., Fl. Brit. India 7: 51. 1896.
S. India.

Digitaria violascens Link, Hort. Berol. 1: 229. 1827; Bor, Grass. Ind. 307. 1960.
S. & N.E. India.

Digitaria wallichiana (Wight & Arn. ex Steud.) Stapf in Prae, Fl. Trop. Afr. 9: 436. 1919; Bor, Grass. Ind. 307. 1960.

Panicum wallichianum Wight & Arn. ex Steud., Syn. Pl. Glum. 1: 41. 1854.

Paspalum perrottetii Hook. f., Fl. Brit. India 7: 20. 1896 non *Panicum perrottetii* Kunth, 1833.
Hilly regions of S. India.

DIGNATHIA Stapf in Hook., Ic. Pl. sub t. 2950. 1911.

Dignathia hirtella Stapf in Hook., Ic. Pl. sub t. 2950. 1911; Bor, Grass. Ind. 700. 1960.
Gujarat.

DIMERIA R. Br., Prodr. 204. 1810.

WOODROWIA Stapf in Hook., Ic. Pl. t. 2447. 1896.

Dimeria acutipes Bor in Kew Bull. 1952: 560. 1953 & Grass. Ind. 138. 1960.
Endemic in Tamil Nadu.

Dimeria avenacea (Retz.) C.E.C. Fischer in Kew Bull. 1932: 72. 1932; Bor, Grass. Ind. 139. 1960.

Anthoxanthum avenaceum Retz., Obs. Bot. 3: 8. 1783.

Dimeria pusilla Thw., Enum. Pl. Zeyl. 369. 1864; Hook. f., Fl. Brit. India 7: 103. 1896.
S. India.

Dimeria blalata C.E.C. Fischer in Kew Bull. 1933: 351. 1933; Bor, Grass. Ind. 140. 1960.
Endemic in S. India.

Dimeria blatteri Bor in Kew Bull. 1949: 70. 1949 & Grass. Ind. 140. 1960.
Endemic in Maharashtra.

Dimeria horii Sreekumar, V.J. & N.C. Nair in J. Econ. Tax. Bot. 3: 657, f. 1. 1982.
Kerala.

Dimeria ceylanica Bor in Kew Bull. 1952: 562. 1953 & Grass. Ind. 140. 1960.
S. India.

Dimeria connivens Hack. in DC., Monogr. Phan. 6: 689. 1889; Hook. f., Fl. Brit. India 7: 104. 1896; Bor, Grass. Ind. 140. 1960.
Endemic in E. India.

Dimeria copeana Sreekumar, V.J. & N.C. Nair in J. Bombay nat. Hist. Soc. 78: 577, f.9. 1981.
Kerala.

Dimeria deccanensis Bor in Kew Bull. 1952: 578. 1953 & Grass. Ind. 140. 1960.
Endemic in S. India.

Dimeria fischeri Bor in Kew Bull. 1952: 564. 1953 & Grass. Ind. 140. 1960.
Endemic in S. India.

Dimeria fuscescens Trin. in Mem. Acad. Sci. Petersb. 6, 2: 335. 1832; Hook. f., Fl. Brit. India 7: 105. 1896; Bor, Grass. Ind. 140. 1960.

N.E. India.

Dimeria gracilis Nees ex Steud., Syn. Pl. Glum. 1: 413. 1855; Hook. f., Fl. Brit. India 7: 105. 1896; Bor, Grass. Ind. 140. 1960.
S. India.

Dimeria hohenackeri Hochst. ex Miq. in Verh. Ned. Inst. 3, 4: 35. 1851; Hook. f., Fl. Brit. India 7: 103. 1896; Bor, Grass. Ind. 142. 1960.
Endemic in S. India.

Dimeria jafni Sreekumar, V.J. & N.C. Nair in Curr. Sci. 52: 259, f.1. 1983.
Kerala.

Dimeria kanjirapallana Jacob in J. Bombay nat. Hist. Soc. 47: 48. 1947.
Kerala.

Dimeria keralae N.C. Nair, Sreekumar & V.J. Nair in J. Bombay nat. Hist. Soc. 80: 626, f.1. (1983) 1984.
Kerala.

Dimeria kollimalayana Mohanan & Rao in J. Bombay nat. Hist. Soc. 80: 617, f.1. (1983) 1984.
Tamil Nadu.

Dimeria kurrumthotticalana Jacob in J. Bombay nat. Hist. Soc. 47: 48. 1947.
Kerala.

Dimeria lawsonii (Hook.f.) C.E.C. Fischer in Gamble, Fl. Procs. Madras 1713. 1934 (3: 1188. 1967, Repr. ed.); Bor, Grass. Ind. 142. 1960.

Dimeria pusilla Thw. var. *lawsonii* Hook. f. Fl. Brit. India 7: 103. 1896.
Endemic in S. India.

Dimeria lehmannii (Nees ex Steud.) Hack. in DC., Monogr. Phan. 6: 82. 1889; Bor, Grass. Ind. 142. 1960.

Pterygostachyum lehmannii Nees ex Steud., Syn. Pl. Glum. 1: 413. 1855 p.p.
S. India.

Dimeria mooneyi Raiz. ex Mooney, Suppl. Bot. Bih. Orissa 263. 1950; Bor, Grass. Ind. 142. 1960.
S. & E. India.

Dimeria orissae Bor in Kew Bull. 1952: 579. 1953 & Grass. Ind. 142. 1960.
Endemic in Orissa.

Dimeria ornithopoda Trin., Fund. Agrost. 167. t. 14. 1820; Hook. f., Fl. Brit. India 7: 104. 1896; Bor, Grass. Ind. 142. 1960.

var. *ornithopoda*.
Throughout India.

var. *gracillima* Bor in Kew Bull. 1952: 576. 1952 & Grass. Ind. 144. 1960.
Endemic in Parasnath, Bihar.

var. *khasiana* Bor in Kew Bull. 1952: 576. 1952 & Grass. Ind. 144. 1960.
Karnataka.

var. *megalantha* Bor in Kew Bull. 1952: 576. 1952 & Grass. Ind. 144. 1960.
Karnataka.

Dimeria raizadae V.J. Nair, Sreekumar & N.C. Nair in Ind. J. For. 6: 163. 1983.
Kerala.

Dimeria santapauli Almeida in J. Bombay nat. Hist. Soc. 66: 510. 1970.
Karnataka.

Dimeria stapfiana C.E. Hubb. ex Pilger in Engl. & Prantl, Pflanzenf. 14e: 109. 1940; Bor, Grass. Ind. 144. 1960.

Woodrowia diandra Stapf in Hook., Ic. Pl. t. 2447. 1896; Hook. f., Fl. Brit. India 7: 241. 1896.

Dimeria diandra (Stapf) Stapf ex Bhide in J. Proc. Asiat. Soc. Beng. (n.s.) 7: 516. 1911 non Griff. 1851.
Endemic in Maharashtra.

Dimeria trimeni Hook. f. in Trim., Handb. Fl. Ceyl. 5: 198. 1900; Bor, Grass. Ind. 144. 1960; Jain et al. in J. Bombay nat. Hist. Soc. 72: 761. 1976.
Orissa.

Dimeria woodrowii Stapf in Hook., Ic. Pl. t. 2312. 1894; Hook. f., Fl. Brit. India 7: 104. 1896; Bor, Grass. Ind. 144. 1960.
Endemic in Peninsular India.

DINEBRA Jacq., Fragm. Bot. III. 77. 1809.

Dinebra retroflexa (Vahl) Panz. in Denkschr. Acad. Wiss. Munchen 270, t. 12. 1814; Bor, Grass. Ind. 491. 1960.

Cynosurus retroflexus Vahl, Symb. Bot. 2: 20. 1791.

Dinebra arabica Jacq., *Fragm.* 77, t. 121, f. 1. 1809; Hook. f., *Fl. Brit. India* 7: 297. 1896.

var. *retroflexa*.
Peninsular & C. India.

var. *condensata* S.M. Phillips in *Kew Bull.* 28: 414. 1973; Sharma in *J. Econ. Tax. Bot.* 4: 479. 1983.
N.W. India.

DIPLACHNE P. Beauv., *Ess. Agrost.* 80. 1812.

Diplachne fusca (L.) P. Beauv. ex R. & S., *Syst. Veg.* 2: 615. 1817; Hook. f., *Fl. Brit. India* 7: 329. 1896; Bor, *Grass. Ind.* 492. 1960; T.A. Cope in Nasir & Ali, *Fl. Pak.* 143: 72. 1982.

Festuca fusca L., *Syst. Veg.* ed. 10. 2: 876. 1759.

Leptochloa malabarica (L.) Veldk. in *Blumea* 19: 64. 1971.

Upper Gangetic Plain to Bengal & southwards.

DUTHIEA Hack. in *Verh. K.K. Zool.-Bot. Ges. Wien* 45: 200. 1896.

Duthiea bromoides Hack. in *Verh. K.K. Zool.-Bot. Ges. Wien* 45: 200. 1896; Hook. f., *Fl. Brit. India* 7: 282. 1896; Bor, *Grass. Ind.* 436. 1960.

W. Himalaya.

Duthiea nepalensis Bor in *Kew Bull.* 1953: 550. 1954 & *Grass. Ind.* 436. 1960.
Nepal.

ECHINOCHLOA P. Beauv., *Ess. Agrost.* 53. 1812.

Echinochloa colona (L.) Link, *Hort. Berol.* 2: 209. 1833; Bor, *Grass. Ind.* 308. 1960.

Panicum colonum L., *Syst. Nat.* ed. 10. 2: 870. 1759; Hook. f., *Fl. Brit. India* 7: 32. 1896.

Throughout India.

Echinochloa crusgalli (L.) P. Beauv., *Ess. Agrost.* 53, 761. 1812; Bor, *Grass. Ind.* 310. 1960; T.A. Cope in Nasir & Ali, *Fl. Pak.* 143: 193. 1982.

Panicum crusgalli L., *Sp. Pl.* 56. 1753; Hook. f., *Fl. Brit. India* 7: 30. 1896.

Echinochloa crusgalli var. *submutica* Neelr., *Fl. Ned. Ost.* 31. 1859; Bor, *l.c.* 310 (as var. *breviseta* in Hara et al., *Enum. Fl. Pl. Nepal* 1: 130. 1978).

Echinochloa glabrescens Munro ex Eggel., *Ann. List. grass. Uganda* 16. 1947; Hook. f., *l.c.* 31; Bor, *l.c.* 311.

var. *crusgalli*.

Throughout India in wet places.

var. *formosensis* Ohwi in *Acta Phytotax. Geobot.* 11: 36. 1942 & in *J. Coll. Arts Sci. Chiba Univ.* 4: 317. 1965; Hara et al., *Enum. Fl. Pl. Nepal* 1: 130. 1978.
Nepal.

Echinochloa crusgallis (H.B.K.) Schult., *Syst. Veg.* 2, *Mant.* 2: 269. 1824; Bor, *Grass. Ind.* 310. 1960.

Oplismenus crusgallis H.B.K., *Nov. Gen. & Sp.* 1: 108. 1816.
South Andamans.

Echinochloa frumentacea Link, *Hort. Berol.* 1: 204. 1827; Bor, *Grass. Ind.* 311. 1960.

Panicum crusgalli var. *frumentaceum* Hook. f., *Fl. Brit. India* 7: 31. 1896.

Throughout India.

Echinochloa oryzoides (Ard.) Fritsch. in *Verh. K.K. Zool.-Bot. Ges. Wien* 41: 742. 1891; T.A. Cope in Nasir & Ali, *Fl. Pak.* 143: 196. 1982.

Panicum oryzoides Ard., *Animad. Spec. All.* 16, t. 5. 1764.

N.W. Himalaya.

Echinochloa picta (Koen.) Michael in *Philipp. J. Weed Sci.* 5: 18. 1978; Britto in Matthew, *Fl. Tamil Nadu Carnatic* 3(2): 1847. 1983.

Panicum pictum Koen., *Natur.* 23: 204. 1788.
S. India.

Echinochloa pyramidalis (Lam.) Hitchc. & Chase in *Contrib. U.S. Natl. Herb.* 18: 345. 1917; Bor, *Grass. Ind.* 311. 1960.

Panicum pyramidale Lam., *III.* 1: 171. 1791.
Introduced into India.

Echinochloa stagnina (Retz.) P. Beauv., *Ess. Agrost.* 53, 161, 171. 1812; Bor, *Grass. Ind.* 311. 1960.

Panicum stagninum Retz., *Obs. Bot.* 5: 17. 1789.

Panicum crusgalli sensu Hook. f., *Fl. Brit. India* 7: 30. 1896 p.p. non L. 1753.

In many parts of India.

EHRHARTA Thunb. in *Kongl. Vet. Acad. Handb. Stockh.* 40: 216, t. 8. 1779 (nom. cons.).

Ehrharta abyssinica Hochst. in *Flora* 38: 193. 1855; Bor, *Grass. Ind.* 484. 1960.
Tamil Nadu (Nilgiris).

Ehrharta calycina J.E. Sm., *Pl. Ic. Ined.* t. 33. 1789; Bor, *Grass. Ind.* 484. 1960.

Introduced.

Ehrharta capensis Thunb. in *Kongl. Vet. Acad. Handb. Stockh.* 40: 216, t. 8. 1779; Bor, *Grass. Ind.* 484. 1960.

Introduced.

Ehrharta erecta Lam., *Encycl.* 2: 347. 1786; Bor, *Grass. Ind.* 484. 1960.

Introduced.

Ehrharta longiflora J.E. Sm., Pl. Ic. Ined. t. 32. 1789; Bor, Grass. Ind. 484. 1960.

Introduced.

ELEUSINE Gaertn., Fruct. 1: 7. 1789.

Eleusine coracana (L.) Gaertn., Fruct. 1: 8, t. 1, f. 11. 1789; Hook. f., Fl. Brit. India 7: 294. 1896; Bor, Grass. Ind. 492. 1960.

Cynosurus coracanus L., Syst. Nat. ed. 10. 2: 875. 1759.

Cultivated in all parts of India.

Eleusine indica (L.) Gaertn., Fruct. 1: 8. 1789; Hook. f., Fl. Brit. India 7: 293. 1896; Bor, Grass. Ind. 493. 1960.

Cynosurus indicus L., Sp. Pl. 72. 1753.

Throughout the low country of India.

ELIONURUS Kunth in Mem. Mus. Hist. Nat. Paris 2: 69. 1815.

Elionurus royleanus Nees ex A. Rich., Tent. Fl. Abyss. 2: 471. 1851; Hook. f., Fl. Brit. India 7: 161. 1896; Bor, Grass. Ind. 145. 1960.

Upper Gangetic Plain.

ELYMUS L., Sp. Pl. 83. 1753.

Elymus borianus (Melderis) A. Love in Fedde, Repert. 95: 454. 1984.

Agropyron borianum Melderis in Bor, Grass. Ind. 690. 1960.

N.W. Himalaya.

Elymus caninus (L.) L., Fl. Suec. ed. 2. 39. 1755; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 618. 1982.

Triticum caninum L., Sp. Pl. 86. 1753.

Agropyron caninum (L.) P. Beauv., Ess. Agrost. 102, 146. 1812; Bor, Grass. Ind. 660. 1960.

N.W. India.

Elymus ciliaris (Trin.) Tzvelev in Nov. Sist. Vyssh. Rast. 9: 61. 1972.

Triticum ciliare Trin. in Bunge, Enum. Pl. China Coll. 72. 1883.

Agropyron ciliare (Trin.) Franch., Pl. David. 1: 341. 1884; Bor, Grass. Ind. 660. 1960.

N.E. India.

Elymus dahuricus Turcz. ex Griseb. in Ledeb., Fl. Ross. 4: 331. 1852; Hook. f., Fl. Brit. India 7: 374. 1896; Bor, Grass. Ind. 669. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 614. 1982.

Elymus dahuricus var. *micranthus* Melderis in Bor, l.c. 697.

N.W. to C. Himalaya.

Elymus dentatus (Hook. f.) Tzvelev in Nov. Sist. Vyssh. Rast. 10: 21. 1973.

Agropyron dentatum Hook. f., Fl. Brit. India 7: 370. 1896; Bor, Grass. Ind. 661. 1960.

ssp. *dentatus*.

N.W. Himalaya.

ssp. *elatus* (Hook. f.) A. Love in Fedde, Repert. 95: 455. 1984.

Agropyron dentatum var. *elatum* Hook. f., Fl. Brit. India 7: 371. 1896; Bor, l.c. 662.

N.W. Himalaya.

ssp. *kashmiricus* (Melderis) A. Love in Fedde, Repert. 95: 455. 1984.

Agropyron dentatum var. *kashmiricum* Melderis in Bor, l.c. 690.

N.W. Himalaya.

ssp. *scabrus* (Nevski) A. Love in Fedde, Repert. 95: 455. 1984.

Agropyron dentatum var. *scabrum* Nevski in Izv. Bot. Sada ANSSSR 30: 626. 1932; Bor, l.c. 662.

N.W. Himalaya.

Elymus fedtschenkoi Tzvelev in Nov. Sist. Vyssh. Rast. 10: 21. 1973; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 619. 1982.

Agropyron macrolepis auct. non Drobov. 1925; Bor, Grass. Ind. 663. 1960.

N.W. Himalaya.

Elymus himalayanus (Nevski) Tzvelev in Nov. Sist. Vyssh. Rast. 9: 61. 1972; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 621. 1982.

Roegneria himalayana Nevski in Acta Univ. Asiae Mediac. 8 b, Bot. 17: 68. 1934.

Agropyron himalayana (Nevski) Melderis in Bor, Grass. Ind. 662. 1960.

N.W. Himalaya.

Elymus jacquemontii (Hook. f.) Tzvelev in Rast. Tsentr. Azii 4: 221. 1968.

Agropyron jacquemontii Hook. f., Fl. Brit. India 7: 369. 1896; Bor, Grass. Ind. 663. 1960.

N.W. Himalaya.

Elymus longe-aristatus (Boiss.) Tzvelev ssp. *canaliculatus* (Nevski) Tzvelev in Nov. Sist. Vyssh. Rast. 1972: 62. 1972; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 622. 1982.

Agropyron canaliculatum Nevski in Bull. Jard. Bot. Acad. Sc. URSS 30: 509. 1932; Bor, Grass. Ind. 659. 1960.

Agropyron longe-aristatum auct. non (Boiss.) Boiss. 1884; Hook. f., Fl. Brit. India 7: 368. 1896.

Elymus x *incertus* Hartm. in Candollea 39: 519. 1984.

Temperate W. to C. Himalaya.

ssp. duthiei (Melderis) A. Love in Fedde, Repert. 95: 468. 1984.

Agropyron duthiei Melderis in Bor, Grass. Ind. 690. 1960.

Elymus duthiei (Melderis) G. Singh in Taxon 32: 639. 1983.
W. Himalaya.

Elymus microlepis (Melderis) Melderis in Hara, et al., Enum. Fl. Pl. Nepal 1: 131. 1978.

Agropyron microlepis Melderis in Bor, Grass. Ind. 692. 1960.
Nepal.

Elymus nayaril Karthik. *nom. nov.*

Elymus thomsonii (Hook. f.) Melderis in Hara et al., Enum. Fl. Pl. Nepal 1: 132. 1978 non Hook. f. 1896.

Agropyron thomsonii Hook. f., Fl. Brit. India 7: 370. 1896; Bor, Grass. Ind. 667. 1960.
Himalaya.

Elymus nepalensis (Melderis) Melderis in Hara et al., Enum. Fl. Pl. Nepal 1: 131. 1978.

Agropyron nepalense Melderis in Bor, Grass. Ind. 692. 1960.
Nepal.

Elymus x nothus (Melderis) G. Singh in Taxon 32: 639. 1983.

Agropyron x nothum Melderis in Bor, Grass. Ind. 693. 1960.
N.W. Himalaya.

Elymus nutans Griseb. in Goett. Nachr. 72. 1868; Bor, Grass. Ind. 670. 1960.

var. nutans.
N.W. India & Himalaya.

var. albidus Melderis in Bor, Grass. Ind. 697. 1960.
W. Himalaya.

Elymus russellii (Melderis) T.A. Cope in Nasir & Ali, Fl. Pak. 143: 618. 1982.

Agropyron russellii Melderis in Bor, Grass. Ind. 665, 694. 1960.
N.W. Himalaya.

Elymus schrenkianus (Fisch. & Mey.) Tzvetjev in Bot. Mater. Gerb. Bot. Inst. V.L. Komarova 20: 428. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 620. 1982.

Triticum schrenkianum Fisch. & Mey. in Bull. Phys. Math. de l' Acad. de Sci. Petersb. 3: 305. 1845.

Agropyron schrenkianum (Fisch. & Mey.) Candargy in Arch. Biol. Veget. Pure appliquee 1: 22, 41. 1901; Bor, Grass. Ind. 665. 1960.
N.W. to C. Himalaya.

Elymus schugnanicus (Nevski) Tzvetjev in Nov. Sist. Vyssh. Rast. 1972: 62. 1972; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 620. 1982.

Agropyron schugnanicum Nevski in Bull. Acad. Bot. Acad. Sci. 30: 512. 1932; Bor, Grass. Ind. 665. 1960.
N.W. Himalaya.

Elymus semicostatus (Nees ex Steud.) Melderis in Hara et al., Enum. Fl. Pl. Nepal 1: 132. 1978; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 615. 1982.

Triticum semicostatum Nees ex Steud., Syn. Pl. Glum. 1: 346. 1854.

Triticum striatum Nees ex Steud., l.c.

Agropyron semicostatum (Nees ex Steud.) Bolus., Fl. Orient. 5: 662. 1884; Hook. f., Fl. Brit. India 7: 369. 1896; Bor, Grass. Ind. 665. 1960.

Agropyron semicostatum var. *thomsonii* Hook. f., l.c. 369.

Agropyron striatum (Nees ex Steud.) Hook. f., l.c.; Bor, l.c. 666.

Agropyron striatum var. *validum* Melderis in Bor, l.c. 696.

Elymus semicostatus ssp. *striatus* (Nees ex Steud.) A. Love in Fedde, Repert. 95: 454. 1984.

Elymus semicostatus ssp. *thomsonii* (Hook. f.) A. Love l.c. 453.
Temperate N.W. to C. Himalaya.

Elymus sibiricus L., Sp. Pl. 83. 1753; Hook. f., Fl. Brit. India 7: 373. 1896; Bor, Grass. Ind. 671. 1960.
Temperate & Alpine Himalaya.

Elymus sikkimensis (Melderis) Melderis in Hara et al., Enum. Fl. Pl. Nepal 1: 132. 1978.

Agropyron sikkimensis Melderis in Bor, Grass. Ind. 666, 694. 1960.
E. to C. Himalaya.

Elymus x spurius (Melderis) G. Singh in Taxon 32: 639. 1983.

Agropyron x spurium Melderis in Bor, Grass. Ind. 695. 1960.

N.W. Himalaya. (derived from *Elymus dentatus* (Hook. f.) Tzvelev and *Elymus russellii* (Melderis) T.A. Cope (T.A. Cope in Nasir & Ali, Fl. Pak. 143: 611. 1982).

Elymus tangutorum (Nevski) Hand.-Mazz., Symb. Sin. 7: 1292. 1936; Hara et al., Enum. Fl. Pl. Nepal 1: 132. 1978.

Clinelymus tangutorum Nevski in Bull. Jard. Bot. Acad. Sci. URSS 30: 647. 1932. Nepal.

Elymus thoroldianus (Oliver) G. Singh ssp. *laxiusculus* (Melderis) A. Love in Fedde, Reper. 95: 456. 1984.

Agropyron thoroldianum var. *laxiusculum* Melderis in Bor, Grass. Ind. 696. 1960. E. Himalaya.

ELYTRIGIA Desv. in Nouv. Bull. Sci. Soc. Philom. Paris 2: 190. 1810.

Elytrigia repens (L.) Nevski in Tr. Bot. Inst. AN SSSR 1, 1: 14. in adnot. 1933; A. Love in Fedde, Reper. 95: 484. 1984.

Triticum repens L., Sp. Pl. 86. 1753.

Agropyron repens (L.) P. Beauv., Ess. Agrost. 102. 1812; Hook. f., Fl. Brit. India 7: 370. 1896; Bor, Grass. Ind. 164. 1960.

Elymus repens (L.) Gould in Madrono 9: 127. 1947. N.W. Himalaya.

ELYTROPHORUS P. Beauv., Ess. Agrost. 67. 1812.

Elytrophorus spicatus (Willd.) A. Camus in Lecomte, Fl. Gen. de l' Indo-Chine 7: 547. 1923; Bor, Grass. Ind. 493. 1960.

Dactylis spicata Willd. in Ges. Naturf. Freunde Berlin, Neue Schrift. 3: 416. 1801.

Elytrophorus articulatus P. Beauv., Ess. Agrost. 67, t. 14, f. 2. 1812. India.

ENNEAPOGON Desv. ex P. Beauv., Ess. Agrost. 81, 161. 1812.

Enneapogon cenchroides (Licht. ex R. & S.) C.E. Hubb. in Kew Bull. 1934: 119. 1934; Bor, Grass. Ind. 608. 1960.

Pappophorum cenchroides Licht. ex R. & S., Syst. Veg. 2: 616. 1817.

Pappophorum robustum Hook. f., Fl. Brit. India 7: 302. 1896. Upper gangetic Plain.

Enneapogon desvauxii P. Beauv., Ess. Agrost. 82, t. 16/11. 1812; W.D. Clayton in Milne-Redhead & Polhill, Fl. Trop. E. Afr. Gramineae 167. 1970.

Pappophorum brachystachyum Jaub. & Spach in Ann. Sci. Nat. Bot. 3, 14: 365. 1850 & Ill. Pl. Orient. 4: 34, t. 324. 1851; Hook. f., Fl. Brit. India 7: 302. 1896.

Enneapogon brachystachyus (Jaub. & Spach) Stapf in Dyer, Fl. Cap. 7: 654. 1900; Bor, Grass. Ind. 608. 1960. Drier parts of N.W. India.

Enneapogon persicus Boiss., Diagn. 1, 5: 71. 1844; Bor, Grass. Ind. 610. 1960.

Pappophorum aucheri Jaub. & Spach, Ill. Pl. Orient. 4: 32, t. 323. 1851; Hook. f., Fl. Brit. India 7: 301. 1896. N.W. India.

Enneapogon schimperanus (Hochst. ex A. Rich.) Renvoize in Kew Bull. 22: 400. 1968.

Pappophorum schimperanum Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 403. 1854.

Pappophorum elegans Nees ex Steud., Syn. Pl. Glum. 1: 199. 1854; Hook. f., Fl. Brit. India 7: 301. 1896.

Enneapogon elegans (Nees ex Steud.) Stapf in Kew Bull. 1907: 224. 1907; Bor, Grass. Ind. 610. 1960. S. & N.W. India.

ENTEROPOGON Nees in Lindl., Nat. Syst. ed. 2. 448. 1836.

Enteropogon colmbatorensis K.K.N. Nair, Jain & Nayar in Proc. Indian Acad. Sci. 86 B: 84. 1977.

Tamil Nadu.

Enteropogon monostachyos (Vahl) K. Schum. ex Engl. in Abh. Preuss. Akad. Wiss. 17. 1894 & in Pflanzenw. Ost. Afr. C, 110. 1895; Bor, Grass. Ind. 472. 1960.

Cynosurus monostachyos Vahl, Symb. Bot. 2: 20. 1791.

Ischaemum melicoides Koen. ex Rottl. in Ges. Natur. Freunde Berlin, Neue Schr. 4: 211. 1803.

Enteropogon melicoides (Koen. ex Rottl.) Nees in Lindl., Introd. Nat. Syst. ed. 2. 449. 1836; Hook. f., Fl. Brit. India 7: 284. 1896.

Enteropogon badamicum Bhidc in J. Proc. Asiat. Soc. Beng. (n.s.) 7: 514. 1911.
S. India.

Enteropogon prieurii (Kunth) W.D. Clayton in Kew Bull. 37: 419. 1982.

Chloris prieurii Kunth, Rev. Gram. 2: 441, t. 134. 1831; Bor, Grass. Ind. 466. 1960.
N.W. India.

ERAGROSTIELLA Bor in Indian Forester 66: 269. 1940.

Eragrostiella bifaria (Vahl) Bor in Indian Forester 66: 270. 1940 & Grass. Ind. 494. 1960.

Poa bifaria Vahl, Symb. Bot. 2: 19. 1791.

Poa coromandeliana Koen. ex Rottl. in Ges. Natur. Freunde Berlin, Neue Schrift. 4: 191. 1803.

Eragrostis coromandeliana (Koen. ex Rottl.) Trin. in Mem. Acad. Sci. Petersb. 6, 1: 415. 1830; Stapf in Hook. f., Fl. Brit. India 7: 326. 1896.

Eragrostis bifaria (Vahl) Wight ex Steud., Syn. Pl. Glum. 1: 264. 1854; Stapf in Hook. f., l.c. 325.

Throughout India.

Eragrostiella brachyphylla (Stapf) Bor in Indian Forester 66: 270. 1940 & Grass. Ind. 494. 1960.

Eragrostis brachyphylla Stapf in Hook. f., Fl. Brit. India 7: 327. 1896.
E. to S. India.

Eragrostiella leioptera (Stapf) Bor in Indian Forester 66: 270. 1940 & Grass. Ind. 495. 1960.

Eragrostis leioptera Stapf in Hook. f., Fl. Brit. India 7: 325. 1896.

E. India.

Eragrostiella nardoides (Trin.) Bor in Indian Forester 66: 270. 1940 & Grass. Ind. 495. 1960.

Eragrostis nardoides Trin. in Mem. Acad. Sci. Petersb. 6, 1: 415. 1830; Stapf in Hook. f., Fl. Brit. India 7: 326. 1896.

Outer Himalaya from Punjab to Nepal.

Eragrostiella walkeri (Stapf) Bor in Indian Forester 66: 270. 1940 & Grass. Ind. 495. 1960.

Eragrostis walkeri Stapf in Trin., Handb. Fl. Ceyl. 5: 298. 1900.

S. India.

ERAGROSTIS Wolf, Gen. Pl. 23. 1776.

Eragrostis aspera (Jacq.) Nees, Fl. Afr. Austr. 408. 1841; Stapf in Hook. f., Fl. Brit. India 7: 314. 1896; Bor, Grass. Ind. 501. 1960.

Poa aspera Jacq., Hort. Vindob. 3: 32, t. 56. 1776.

Peninsular to N. India.

Eragrostis atrovirens (Desf.) Trin. ex Steud., Nom. Bot. ed. 2. 1: 562. 1840; Bor, Grass. Ind. 503. 1960.

Poa atrovirens Desf., Fl. Atlant. 1: 73, t. 14. 1798.

Throughout India.

Eragrostis cilianensis (All.) Vignolo-Lutati ex F.T. Hubb. in Philipp. J. Sci. C, Bot. 8: 159. 1913; Bor, Grass. Ind. 503. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 93. 1982.

Poa cilianensis All., Fl. Podem. 2: 246, t. 91, f. 2. 1785.

Eragrostis major Host, Gram. Austr. 4: 14, t. 24. 1809; Stapf in Hook. f., Fl. Brit. India 7: 320. 1896.

Throughout India.

Eragrostis ciliaris (L.) R. Br. in Tuckey, Narr. Exp. Congo, App. 478. 1818; Stapf in Hook. f., Fl. Brit. India 7: 314. 1896; Bor, Grass. Ind. 506. 1960.

Poa ciliaris L., Syst. Nat. ed. 10. 2: 875. 1759.

Eragrostis ciliaris var. *brachystachya* Boiss., Fl. Orient. 5: 582. 1884; Stapf in Hook. f., Fl. Brit. India 7: 315. 1896; Bor, Grass. Ind. 506. 1960.

var. *ciliaris*.

Plains of India.

var. *clarkii* Stapf in Hook. f., Fl. Brit. India 7: 315. 1896; Bor, Grass. Ind. 506. 1960.
Delhi.

Eragrostis ciliata (Roxb.) Nees, Agrost. Bras. 512. 1829; Stapf in Hook. f., Fl. Brit. India 7: 313. 1896; Bor, Grass. Ind. 506. 1960.

Poa ciliata Roxb., Fl. Ind. 1: 336. 1820.
Peninsular to E. India.

Eragrostis coarctata Stapf in Hook. f., Fl. Brit. India 7: 313. 1896; Bor, Grass. Ind. 507. 1960.
Throughout India.

Eragrostis cumingii Steud., Syn. Pl. Glum. 1: 266. 1854; Mohanan & Sreekumar in J. Econ. Tax. Bot. 3: 447. 1982.
Kerala.

Eragrostis curvula (Schrad.) Nees, Fl. Afr. Austr. 397. 1841; Bor, Grass. Ind. 507. 1960.

Poa curvula Schrad., Gott. Anz. Ges. Wiss. 3: 2073. 1821.
Introduced.

Eragrostis cylindrica (Roxb.) Nees ex Hook. & Arn., Bot. Beech. Voy. 351. 1841; Hsu in Hara, Fl. E. Himal. 361. 1966.

Poa cylindrica Roxb., Fl. Ind. 1: 335. 1820.
Nepal.

Eragrostis deccanensis Bor, Grass. Ind. 507. 1960.

Eragrostis phleoides Stapf in Hook. f., Fl. Brit. India 7: 313. 1896 non Hillebr. 1888.
Endemic in S. India.

Eragrostis ferruginea (Thunb.) P. Beauv., Ess. Agrost. 71. 1812; Stapf in Hook. f., Fl. Brit. India 7: 324. 1896; Bor, Grass. Ind. 508. 1960.

Poa ferruginea Thunb., Fl. Jap. 50. 1784.
E. to C. Himalaya.

Eragrostis gangetica (Roxb.) Steud., Syn. Pl. Glum. 1: 266. 1854; Bor, Grass. Ind. 508. 1960.

Poa gangetica Roxb., Fl. Ind. 1: 341. 1820.

Eragrostis stenophylla Hochst. ex Miq. in Verh. Konink.-Ned. Inst. 3, 4: 39. 1851 p.p.; Stapf in Hook. f., Fl. Brit. India 7: 318. 1896.
Throughout India.

Eragrostis japonica (Thunb.) Trin. in Mem. Acad. Sci. Peterab. 6, 1: 405. 1831; Bor, Grass. Ind. 509. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 88. 1982.

Poa japonica Thunb., Fl. Jap. 51. 1784.

Poa diarrhena Schult., Syst. Veg. 2, Mant. 616. 1827, a new name for *Poa diandra* Roxb. 1820 non R. Br. 1810.

Eragrostis diarrhena (Schult.) Steud., Syn. Pl. Glum. 1: 266. 1854; Bor, Lc. 507.

Eragrostis diplachnoides Steud., l.c. 268; Bor, Lc. 508.

Eragrostis interrupta sensu Stapf in Hook. f., Fl. Brit. India 7: 316. 1896 non (R. Br.) P. Beauv. 1812.

Eragrostis interrupta var. *diarrhena* (Schult.) Stapf, l.c. 316.

Eragrostis interrupta var. *diplachnoides* (Steud.) Stapf, l.c.

Eragrostis interrupta var. *koenigii* Stapf, l.c.

Eragrostis interrupta var. *tenuissima* Stapf, l.c.

Diandrochloa japonica (Thunb.) Henry in Bull. Bot. Surv. India 9: 290. 1967.

Diandrochloa diplachnoides (Steud.) Henry, l.c.

Diandrochloa diarrhena (Schult.) Henry, l.c.

Eragrostis namaquensis Schrad. var. *diplachnoides* (Steud.) W.D. Clayton in Kew Bull. 25: 251. 1971.
Throughout India.

Eragrostis lehmanniana Nees, Fl. Afr. Austr. 402. 1841; Bor, Grass. Ind. 509. 1960.

var. *lehmanniana*.
Introduced.

var. *chaunantha* (Pilger) de Winter in Meredith, Grass. & Past. South Afr. 147. 1955; Bor, Grass. Ind. 509. 1960.

Eragrostis chaunantha Pilger in Engl., Bot. Jahrb. 40: 84. 1907.
Introduced.

Eragrostis macilentata (A. Rich.) Steud., Syn. Pl. Glum. 1: 268. 1854; Bor, Grass. Ind. 509. 1960.

Poa macilentata A. Rich., Tent. Fl. Abyss. 2: 428. 1851.
Tamil Nadu.

Eragrostis maderaspatana Bor, Grass. Ind. 509. 1960.

Eragrostis willdenowiana Nees ex Stapf in Hook. f., Fl. Brit. India 7: 322. 1896 non Nees ex Hook. & Arn., Bot. Beechey Voy. 252. 1838 & in Nov. Act. Nat. Cur. 19, Suppl. 1: 205. 1843.
S. India.

Eragrostis minor Host, Gram. Austr. 4: 15. 1809; Stapf in Hook. f., Fl. Brit. India 7: 321. 1896; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 95. 1982.

Eragrostis poaeoides P. Beauv., Ess. Agrost. 162. 1812; Bor, Grass. Ind. 512. 1960.

Eragrostis pappiana Chiov. in Ann. Ist. Bot. Roma 8: 371. 1908; Bor, Grass. Ind. 511. 1960; Jain in Bull. Bot. Surv. India 10: 161. (1968) 1969.
Throughout India.

Eragrostis mutlecaulis Steud., Syn. Pl. Glum. 1: 426. 1855; Bor, Grass. Ind. 510. 1960.
W. & N. India, Himalaya.

Eragrostis nigra Nees ex Steud., Syn. Pl. Glum. 1: 267. 1854; Stapf in Hook. f., Fl. Brit. India 7: 324. 1896; Bor, Grass. Ind. 511. 1960.
Throughout India.

Eragrostis nutans (Retz.) Nees ex Steud., Nom. Bot. ed. 2. 563. 1840; Bor, Grass. Ind. 511. 1960.

Poa nutans Retz., Obs. Bot. 4: 19. 1786.

Eragrostis elegantula Nees ex Steud., Syn. Pl. Glum. 1: 266. 1854; Stapf in Hook. f., Fl. Brit. India 7: 318. 1896.
S. & E. India.

Eragrostis papposa (R. & S.) Steud., Syn. Pl. Glum. 1: 263. 1854; Bor, Grass. Ind. 511. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 100. 1982.

Megastachya papposa R. & S., Syst. Veg. 2: 585. 1817.
N.W. India.

Eragrostis pilosa (L.) P. Beauv., Ess. Agrost. 71, 162, 175. 1812; Stapf in Hook. f., Fl. Brit. India 7: 323. 1896; Bor, Grass. Ind. 512. 1960.

Poa pilosa L., Sp. Pl. 68. 1753.
Throughout India.

Eragrostis plana Nees, Fl. Afr. Austr. 390. 1841; Bor, Grass. Ind. 512. 1960.
Introduced.

Eragrostis riparia (Willd.) Nees, Agrost. Bras. 512. 1829; Bor, Grass. Ind. 513. 1960.

Poa riparia Willd. in Ges. Natur. Freunde Berlin, Neue Schr. 4: 185. 1803.

Eragrostis tenella var. *riparia* (Willd.) Stapf in Hook. f., Fl. Brit. India 7: 315. 1896.
Bengal southwards.

Eragrostis robusta Stent in Bothalia 2: 288. 1927; Bor, Grass. Ind. 513. 1960.
Introduced.

Eragrostis rattleri Stapf in Hook. f., Fl. Brit. India 7: 321. 1896; Bor, Grass. Ind. 513. 1960.
Endemic in Tamil Nadu.

Eragrostis santapaul K.G. Bhat & Nagendran in Reinwardtia 10: 127, f.l. 1985.
Karnataka.

Eragrostis superba Peyr. in Sitzb. Acad. Wien, Math. Nat. 38: 584. 1860; Bor, Grass. Ind. 513. 1960.
Introduced.

Eragrostis tef (Zucc.) Trotter in Bull. Soc. Bot. Ital. 62. 1918 (in Obs.); Bor, Grass. Ind. 513. 1960.

Poa tef Zucc., Diss. Ist. Pianta Panizz. Abiss. 1774.
Introduced.

Eragrostis tenella (L.) P. Beauv. ex R. & S., Syst. Veg. 2: 576. 1817; Stapf in Hook. f., Fl. Brit. India 7: 315. 1896; Bor, Grass. Ind. 513. 1960.

Poa tenella L., Sp. Pl. 69. 1753.

Poa plumosa Retz., Obs. Bot. 4: 20. 1786.

Eragrostis plumosa (Retz.) Link, Hort. Berol. 1: 192. 1827.

Eragrostis tenella var. *breviculmis* Stapf, l.c. 316.

Eragrostis tenella var. *plumosa* (Retz.) Stapf, l.c. 315.

var. *tenella*.
Throughout India.

var. *insularis* C.E. Hubb. in Kew Bull. 1939: 654. 1939; Bor, Grass. Ind. 514. 1960.
S. & E. India.

Eragrostis tenuifolia Hochst. ex Steud., Syn. Pl. Glum. 1: 268. 1854; Stapf in Hook. f., Fl. Brit. India 7: 322. 1896; Bor, Grass. Ind. 514. 1960.
Peninsular India.

Eragrostis tremula Hochst. ex Steud., Syn. Pl. Glum. 1: 269. 1854; Stapf in Hook. f., Fl. Brit. India 7: 320. 1896; Bor, Grass. Ind. 514. 1960.
Throughout India.

Eragrostis trichodes (Nutt.) Wood, Class-Book. Bot. ed. 1861. 796, 1861; Bor, Grass. Ind. 515. 1960.

Poa trichodes Nutt. in Amer. Phil. Soc. Trans.(n.s.) 5: 146. 1837.
Introduced.

Eragrostis unioloides (Retz.) Nees ex Steud., Syn. Pl. Glum. 1: 264. 1854; Bor, Grass. Ind. 515. 1960.

Poa unioloides Retz., Obs. Bot. 5: 19. 1789.

Eragrostis amabilis Stapf in Hook. f., Fl. Brit. India 7: 317. 1896 non Wight & Arn. ex Nees, 1838.

var. *unioloides*.
Throughout India.

var. *tremula* Jacob in J. Bombay nat. Hist. Soc. 47: 51. 1947.
Kerala.

Eragrostis viscosa (Retz.) Trin. in Mem. Acad. Sci. Petersb. 6, 1: 397. 1830; Bor, Grass. Ind. 515. 1960.

Poa viscosa Retz., Obs. Bot. 4: 20. 1786.

Eragrostis tenella var. *viscosa* (Retz.) Stapf in Hook. f., Fl. Brit. India 7: 315. 1896.
Throughout India.

Eragrostis zeylanica Nees & Mey. in Nov. Act. Nat. Cur. 19, Suppl. 1: 204. 1843; Bor, Grass. Ind. 515. 1960.

Eragrostis elongata Stapf in Hook. f., Fl. Brit. India 7: 319. 1896 non Jacq. 1813.
E. India, Nicobar Islands.

EREMOCHLOA Buese in Miq., Pl. Jungh. 357. 1854.

Eremochloa muricata (Retz.) Hack. in DC., Monogr. Phan. 6: 262. 1889; Hook. f., Fl. Brit. India 7: 140. 1896; Bor, Grass. Ind. 146. 1960.

Aegilops muricata Retz., Obs. Bot. 2: 27. 1781.
S. India.

Eremochloa zeylanica Hack. in DC., Monogr. Phan. 6: 263. 1889; Bor, Grass. Ind. 148. 1960.
S. India.

EREMOPOA Roshev. in Komarov, Fl. SSSR 2: 429, 756. 1934.

Eremopoa altaica (Trin.) Roshev. in Kom., Fl. SSSR 2: 431. 1934; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 420. 1982.

Aira altaica Trin. in Mem. Sav. Etz. Acad. Petersb. 2: 526. 1835.
N.W. Himalaya.

Eremopoa persica (Trin.) Roshev. in Kom., Fl. SSSR 2: 430. 1934; Bor, Grass. Ind. 532. 1960.

Poa persica Trin. in Mem. Acad. Sci. Petersb. 6, 1: 373. 1830; Hook. f., Fl. Brit. India 7: 337. 1896.

var. *persica*.
N.W. Himalaya.

var. *songarica* (Schrenk) Bor, Grass. Ind. 532. 1960.

Glyceria songarica Schrenk, Enum. Pl. Nov. 1: 1. 1841.
N.W. Himalaya.

EREMOPOGON Stapf in Prain, Fl. Trop. Afr. 9: 182. 1917.

Eremopogon foveolatus (Dcl.) Stapf in Prain, Fl. Trop. Afr. 9: 183. 1917; Bor, Grass. Ind. 148. 1960.

Andropogon foveolatus Dcl., Fl. d'Egypte 16: 1. 8, f. 2. 1812; Hook. f., Fl. Brit. India 7: 168. 1896.

Dichanthium foveolatum (Dcl.) Roberty in Boissiera 9: 170. 1960.
Drier parts of India.

EREMOPYRUM (Ledeb.) Jaub. & Spach in Ann. Sci. Nat. Bot. 3, 14: 360. 1851.

TRITICUM L. sect. *EREMOPYRUM* Ledeb., Fl. Alt. 1: 112. 1829.

Eremopyrum bonaepartis (Spr.) Nevski in Kom., Fl. SSSR 2: 663. 1934 ('*buonapartis*'); Bor, Grass. Ind. 671. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 605. 1982.

Triticum bonaepartis Spr., Erst. Nachtr. Bot. Gart. Z. Halle 1: 40. 1801.

Agropyron orientale var. *sublanuginosum* Drob. in Trav. Mus. Bot. Acad. Sc. Petrogr. 16: 135. 1916.

Eremopyrum bonaepartis var. *sublanuginosum* (Drob.) Melderis in Arkiv f. Bot. 2, 2/5, 305. 1952; Bor, l.c. 672. W. Himalaya.

Eremopyrum distans (C. Koch) Nevski in Kom., Fl. SSSR 2: 665. 1934; Bor, Grass. Ind. 672. 1960.

Agropyrum distans C. Koch in Linnaea 21: 426. 1848. W. Himalaya.

Eremopyrum orientale (L.) Jaub. & Spach, Ill. Pl. Orient. 4: 26. 1851; Bor, Grass. Ind. 672. 1960.

Secale orientale L., Sp. Pl. 84. 1753. W. Himalaya.

ERLACHNE R. Br., Prodr. 183. 1810.

Erlachne pallescens R. Br., Prodr. 184. 1810; Hook. f., Fl. Brit. India 7: 269. 1896; Bor, Grass. Ind. 479. 1960; van Eck-Borsboom in Blumea 26: 133. 1980. N.E. India, Nicobar Islands.

Erlachne trisetata Nees ex Steud., Syn. Pl. Glum. 1: 237. 1854; van Eck-Borsboom in Blumea 26: 136. 1980.

Massia trisetata (Nees ex Steud.) Balansa in Morot, J. de Bot. Paris 4: 165. 1980; Bor, Grass. Ind. 479. 1960. E. India.

ERIOCHLOA H.B.K., Nova Gen. Sp. 1: ed. qu. 94, ed. fol. 78. 1816.

Eriochloa fatmensis (Hochst. & Steud.) W.D. Clayton in Kew Bull. 30: 108. 1975.

Panicum fatmense Hochst. & Steud. in Sched., Schimp. It. Un. 806. 1837.

Helopus nubicus Steud., Syn. Pl. Glum. 1: 100. 1854.

Eriochloa nubica (Steud.) Hack. & Stapf ex Thell. in Vierteljahrh. Nat. Ges. Zurich 64: 697. 1919; Bor, Grass. Ind. 312. 1960. Introduced.

Eriochloa procera (Retz.) C.E. Hubb. in Kew Bull. 1930: 256. 1930; Bor, Grass. Ind. 312. 1960.

Agrostis procera Retz., Obs. Bot. 4: 19. 1786.

Eriochloa polystachya Hook. f., Fl. Brit. India 7: 20. 1896 non H.B.K. 1816. Plains of India.

ERIOCHRYDIS P. Beauv., Ess. Agrost. 8. 1812.

Eriochrysis rangacharii C.E.C. Fischer in Kew Bull. 1932: 246. 1932; Bor, Grass. Ind. 152. 1960. Endemic in Tamil Nadu (Nilgiris).

EUCHLAENA Schrad., Ind. Sem. Hort. Goett. 1832: 3. 1832.

Euchlaena mexicana Schrad., Ind. Sem. Hort. Goett. 1832: 3. 1832, reprinted in Linnaea 8, Litt.-Bericht, 25. 1833; Bor, Grass. Ind. 265. 1960. Cultivated for fodder.

EUCLASTA Franch. in Bull. Soc. Hist. Nat. Autun. 8: 335. 1895.

INDOCHLOA Bor in Kew Bull. 1954: 75. 1954, P.P.

Euclesta clarkel (Hack.) T.A. Cope in Kew Bull. 35: 704. 1980.

Andropogon clarkel Hack. in Ost. Bot. Z. 41: 49. 1891; Hook. f., Fl. Brit. India 7: 197. 1896.

Dichanthium clarkel (Hack.) Haines, Bot. Bih. Orissa 1040. 1924 (3:1087. 1961, Repr.ed.).

Indochloa clarkel (Hack.) Bor in Kew Bull. 1954: 76. 1954 & Grass. Ind. 171. 1960. Parasnath Hill, Bihar & Mt. Abu, Rajasthan, endemic.

Euclesta condylotricha (Hochst.) Stapf in Prain, Fl. Trop. Afr. 9:181. 1917; Bor, Grass. Ind. 153. 1960.

Andropogon condylotrichus Hochst. in Steud., Syn. Pl. Glum. 1: 377. 1854. Madhya Pradesh.

EULALIA Kunth, Rev. Gram. 1: 160. 1829.

Eulalia amaura (Buese) Ohwi in Bull. Tokyo Sci. Mus. 18:2. 1947.

Andropogon amaurus Buese in Miq., Pl. Jungh. 360. 1854.

Polytrias amaura (Buese) O. Ktze., Rev. Gen. Pl. 788. 1891; Jain & Pal in Sci. & Cult. 34: 361. 1968. E. India.

Eulalia fastigiata (Nees ex Steud.) Haines, Bot. Bih. Orissa 1014. 1924 (3: 1061. 1961, Repr. ed.); Bor, Grass. Ind. 155. 1960.

Saccharum fastigiatum Nees ex Steud., Syn. Pl. Glum. 1: 409. 1855.

Erianthus fastigiatus Nees ex Steud., l.c.; Hook. f., Fl. Brit. India 7: 125. 1896. N.E. & C. India.

Eulalia fimbriata. (Hack.) O. Ktze., Rev. Gen. Pl. 2: 775. 1891; Bor, Grass. Ind. 155. 1960.

Pollinia fimbriata Hack. in DC., Monogr. Phan. 6: 164. 1889; Stapf in Hook. f., Fl. Brit. India 7: 112. 1896. S. India, Himalaya.

Eulalia hirtifolia (Hack.) A. Camus in Ann. Soc. Linn. Lyon n.s. 68: 202. 1922; Bor, Grass. Ind. 155. 1960.

Pollinia hirtifolia Hack. in DC., Monogr. Phan. 6: 165. 1889; Hook. f., Fl. Brit. India 7: 111. 1896.

Eulalia quadrinervis var. *hirtifolia* (Hack.) Sur in J. Econ. Tax. Bot. 6: 185. 1985. Endemic in N.W. Himalaya.

Eulalia leschenaultiana (Decne.) Ohwi in Bull. Tokyo Sci. Mus. No. 18: 2. 1947; Bor, Grass. Ind. 155. 1960.

Andropogon leschenaultianus Decne., Herb. Timor Descr. 29. 1835.

Pollinia cumingii Nees in Hook., Kew J. Bot. 2: 98. 1850; Hook. f., Fl. Brit. India 7: 114. 1896.

Eulalia cumingii (Nees) A. Camus in Lecomte, Fl. Gen. de l' Indo-Chine 7: 250. 1922. Plains of N., E. & S. India.

Eulalia manipurensis Bor, Grass. Ind. 156. 1960. N.E. India.

Eulalia mollis (Griseb.) O. Ktze., Rev. Gen. Pl. 2: 775. 1891; Bor, Grass. Ind. 156. 1960.

Erianthus mollis Griseb. in Nachr. Ges. Wiss. Göttingen 92. 1868.

Pollinia mollis (Griseb.) Hack. in DC., Monogr. Phan. 6: 161. 1889; Hook. f., Fl. Brit. India 7: 111. 1896. W. to C. Himalaya.

Eulalia pallens (Hack.) O. Ktze., Rev. Gen. Pl. 2: 775. 1891; Bor, Grass. Ind. 156. 1960.

Pollinia pallens Hack. in DC., Monogr. Phan. 6: 156. 1889; Hook. f., Fl. Brit. India 7: 110. 1896.
N.E.India.

Eulalia phaenothrix (Hack.) O. Ktze., Rev. Gen. Pl. 2: 775. 1891; Bor, Grass. Ind. 156. 1960.

Pollinia phaenothrix Hack. in DC., Monogr. Phan. 6: 168. 1889; Hook. f., Fl. Brit. India 7: 112. 1896.
S. India.

Eulalia quadrinervis (Hack.) O. Ktze., Rev. Gen. Pl. 2: 775. 1891; Bor, Grass. Ind. 156. 1960.

Pollinia quadrinervis Hack. in DC., Monogr. Phan. 6: 158. 1889; Hook. f., Fl. Brit. India 7: 110. 1896.
Sub tropical Himalaya.

Eulalia speciosa (Debeaux) O. Ktze., Rev. Gen. Pl. 2: 775. 1891; Bor, Grass. Ind. 157. 1960.

Erianthus speciosus Debeaux in Act. Soc. Linn. Bord. 32: 53. 1878.

Pollinia speciosa (Debeaux) Hack. in DC., Monogr. Phan. 6:159. 1889; Hook. f., Fl. Brit. India 7:113. 1896.

var. *speciosa*.
N.E. India.

var. *velutina* (Hack.) Bor, Grass. Ind. 157. 1960.

Pollinia velutina Hack. in DC., Monogr. Phan. 6: 169. 1889; Hook. f., Fl. Brit. India 7:113. 1896.
Endemic in Meghalaya (Khasia Hills).

Eulalia staintonii Bor in Kew Bull. 1957: 411. 1958 & Grass. Ind. 157. 1960.
Uttar Pradesh.

Eulalia thwaitesii (Hack.) O. Ktze., Rev. Gen. Pl. 2: 775. 1891; Shetty *et al.* in Bull. Bot. Surv. India 15: 276. 1976.

Pollinia thwaitesii Hack. in DC., Monogr. Phan. 6: 163. 1889; Hook. f., Fl. Brit. India 7: 111. 1896.
Kerala.

Eulalia trispicata(Schult.) Henr. in Blumea 3:453. 1940; Bor, Grass. Ind. 157. 1960.

Andropogon trispicatus Schult., Syst. Veg. 2, Mant. 452. 1824.

Pollinia argentea Trin. in Bull. Sci. Acad. Petersb. 1: 71. 1836; Hook. f., Fl. Brit. India 7:111. 1896.

var. *trispicata*.
Throughout India.

var. *hookeri* Sur in Curr. Sci. 44: 362. 1975.
Nepal.

Eulalia wightii (Hook.f.) Bor, Grass. Ind. 110. 1960.

Pollinia quadrinervis Hack. var. *wightii* Hook. f., Fl. Brit. India 7: 110. 1896.
Endemic in S.India.

EULALIOPSIS Honda in Bot. Mag. Tokyo 37:124. 1923.

Eulaliopsis binata (Retz.) C.E. Hubb. in Hook., Ic. Pl. sub. t. 3262. 1935; Bor, Grass. Ind. 158. 1960.

Andropogon binatus Retz., Obs. Bot. 5: 21. 1789.

Ischaemum angustifolium (Trin.) Hack. in DC., Monogr. Phan. 6:241. 1889; Hook. f., Fl. Brit. India 7:129. 1896.
Throughout India.

Eulaliopsis duthlei Sur in J. Bombay nat. Hist. Soc. 72:815. 1976.
Uttar Pradesh.

Eulaliopsis sykesii Bor in Kew Bull. 1957:412. 1958 & Grass. Ind.159. 1960.
Nepal.

FESTUCA L., Sp. Pl. 73. 1753.

Festuca alalca Drobov in Trav. Mus. bot. Acad. Sci. Russ. 16: 134, t. 17/5. 1916; T.A. Cope in Nasir & Ali, Fl. Pak. 143:370. 1982.
N.W. Himalaya.

Festuca alata (St. Yves) Roshev. in Kom., Fl. URSS 2:528. 1934; T.A.Cope in Nasir & Ali, Fl. Pak. 143:364. 1982.

Festuca rubra L. *ssp. alata* St. Yves in Candollea 3:393. 1928.

Festuca alalca auct. non Trin.; Stapf in Hook. f., Fl. Brit. India 7:351. 1896; Bor, Grass. Ind. 537. 1960.
Himalaya, at very high altitudes.

- Festuca arundinacea* Schreb., Spic. Fl. Lips 57. 1771; Uniyal & Malhotra in Bull. Bot. Surv. India 21: 182. (1979) 1981. N.W.Himalaya.
- Festuca athenica* Hook. f., Fl. Brit. India 7: 354. 1896; T.A. Cope in Nasir & Ali, Fl. Pak. 143:359. 1982.
- Festuca modesta* auct. non Nees ex Steud., Syn. Pl. Glum. 1:316. 1854; Bor, Grass. Ind. 539. 1960. Endemic in N.W.Himalaya.
- Festuca coelestis* (St. Yves) Krecz.& Bobrov in Kom., Fl. URSS 2:514, 770. 1934; T.A. Cope in Nasir & Ali, Fl. Pak. 143:372. 1982.
- Festuca ovina* L. ssp. *coelestis* St. Yves in Candollea 3:376. 1928; Bor, Grass. Ind. 539. 1960. E.Himalaya.
- Festuca cumminsii* Stapf in Hook. f., Fl. Brit. India 7: 349. 1896; Bor, Grass. Ind. 538. 1960. E. Himalaya.
- Festuca debilis* (Stapf) Alexeev in Byull. Mosk. Obshch. Ispyt. Prir. 83: 109. 1978; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 368. 1982.
- Festuca kashmiriana* Stapf var. *debilis* Stapf in Hook. f., Fl. Brit. India 7: 351. 1896. N.W.Himalaya.
- Festuca gigantea* (L.) Vill., Hist. Pl. Dauph. 2: 110. 1787; Bor, Grass. Ind. 538. 1960.
- Bromus giganteus* L., Sp. Pl. 77. 1753. Temperate W.to C.Himalaya.
- Festuca hartmannii* (Markgr.-Dannenb.) Alexeev in Byull. Mosk. Obshch. Ispyt. Prir. 83(4): 121. 1978; T.A. Cope in Nasir & Ali, Fl. Pak. 143. 1982.
- Festuca ovina* L. ssp. *coelestis* St. Yves var. *hartmannii* Markgr. -Dannenb. in Bot. Jb. 85: 376. 1966. N.W. Himalaya.
- Festuca karatavica* (Bge.) Fedsch. in Bull. Jard. Bot. Petersb. 14, Suppl. 2:86. 1915.
- Poa karatavica* Bge. in Mem. Sav. Petersb. 7 : 525. 1851.
- Leucopoa karatavica* (Bge.) V. Krecz. & Bobr. in Kom.,Fl. URSS 2: 496. 1934; Bor, Grass. Ind. 544. 1960. N.W.India.
- Festuca kashmiriana* Stapf in Hook. f., Fl. Brit. India 7: 351. 1896; Bor, Grass. Ind. 538. 1960.
- Festuca kashmiriana* var. *ligulata* Stapf, l.c.
- Festuca rubra* L. ssp. *kashmiriana* (Stapf) St. Yves in Candollea 3:395. 1928; Bor, l.c. 541. Temperate & Alpine W. Himalaya.
- Festuca leptopogon* Stapf in Hook. f., Fl. Brit. India 7: 354. 1896; Bor, Grass. Ind. 538. 1960. E. to C. Himalaya, N.E. India.
- Festuca levingei* Stapf in Hook. f., Fl. Brit. India 7: 352. 1896; Bor, Grass. Ind. 538. 1960. Endemic in N.W.Himalaya.
- Festuca luedda* Stapf in Hook. f., Fl. Brit. India 7: 355. 1896; Bor, Grass. Ind. 538. 1960. Endemic in W. Himalaya (Garhwal).
- Festuca modesta* Nees ex Steud., Syn. Pl. Glum. 1: 316. 1854; Stapf in Hook. f., Fl. Brit. India 7:354. 1896; Bor, Grass. Ind. 539. 1960. W.to C. Temperate Himalaya.
- Festuca nandadevica* Hajra in Ind. J. For. 6: 79, f. 1. 1983. W. Himalaya.
- Festuca nitidula* Stapf in Hook. f.,Fl. Brit. India 7: 350. 1896; Bor, Grass. Ind. 539. 1960. W. to C.Himalaya.
- Festuca olgae* (Regel) Krivot. in Bot. Mater. Gerb. bot. Inst. V.L. Komarova 20: 56. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 362. 1982.
- Molinia olgae* Regel in Acta Hort. Petrop.7: 625. 1881.
- Poa albida* Turcz.ex Trin. in Mem. Acad. Sci. Petersb. 6, 1:387. 1831.
- Festuca sibirica* Hack. ex Boiss., Fl. Orient. 5: 626. 1884; Stapf in Hook. f., Fl. Brit. India 7: 355. 1896.
- Leucopoa albida* (Turcz.ex Trin.) V.Krecz.& Bobr.in Kom., Fl. URSS 2: 495. 1934; Bor, Grass. Ind. 544. 1960. N.W.to C.Himalaya.
- Festuca ovina* L., Sp. Pl. 73. 1753; Ohwi in Ohashi, Fl. E. Him. 3:121. 1975. Nepal.
- Festuca pamirica* Tzevelev in Bot. Mater. Gerb. bot. Inst. V.L. Komarova 20: 422. 1960; T.A.Cope in Nasir & Ali,Fl.Pak. 143: 371. 1982.

- Festuca rubra* L. ssp. *schlagintweitii* St. Yves in Candollea 3: 389. 1928, p.p.; Bor, Grass. Ind. 542. 1960.
N.W.Himalaya.
- Festuca parvigluma* Steud., Syn. Pl. Glum. 1: 305. 1854; Bor, Grass. Ind. 540. 1960.
E to C. Himalaya.
- Festuca polycolea* Stapf in Hook. f., Fl. Brit. India 7: 349. 1896.
- Festuca ovina* L. ssp. *polycolea* (Stapf) St. Yves in Candollea 3: 373. 1928; Bor, Grass. Ind. 540. 1960.
- var. *polycolea*.
E. to C. Himalaya.
- var. *brevis* Stapf in Hook. f., Fl. Brit. India 7: 350. 1896; Bor, Grass. Ind. 540. 1960.
E. to C.Himalaya.
- Festuca rubra* L., Sp. Pl. 74. 1753; Stapf in Hook. f., Fl. Brit. India 7: 352. 1896; Bor, Grass. Ind. 540. 1960.
- ssp. *rubra*.
- var. *rubra*.
Temperate and sub-alpine Himalaya, N.E. India.
- var. *villosa* Mert. & Koch in Roehl., Deutsch. Fl. ed. 3.1: 654. 1823; Bor, l.c. 541.
W.Himalaya.
- ssp. *arctica* (Hack.) Govor., Fl. Ural. 127. 1937; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 366. 1982.
- Festuca rubra* L. ssp. *eu-rubra* var. *genuina* sub var. *arenaria* f. *arctica* Hack., Monogr. Fest. Eur. 140. 1882.
N.W. Himalaya.
- ssp. *clarkii* (Stapf) St. Yves in Candollea 3: 398. 1928 (excl. syn. *F. kashmiriana* var. *simlensis*); T.A. Cope in Nasir & Ali, Fl. Pak. 143: 367. 1982.
- Festuca rubra* var. *clarkii* Stapf in Hook. f., Fl. Brit. India 7: 353. 1896; Bor, Grass. Ind. 541. 1960.
- Festuca rubra* ssp. *clarkii* var. *stapfiana* St. Yves, l.c. 398; Bor, l.c. 541.
N.E.India.
- Festuca simlensis* (Stapf) Alexeev in Byull. mosk. Obshch. Ispyt. Prir. 83(4): 110. 1978; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 367. 1982.
- Festuca kashmiriana* Stapf var. *simlensis* Stapf in Hook. f., Fl. Brit. India 7: 351. 1896.
W. Himalaya.
- Festuca tibetica* (Stapf) Alexeev in Byull. mosk. Obshch. Ispyt. Prir. 83(4): 118. 1978; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 372. 1982.
- Festuca valesiaca* Schleich. ex Gaud. var. *tibetica* Stapf in Hook. f., Fl. Brit. India 7: 349. 1896; Bor, Grass. Ind. 542. 1960.
Himalaya.
- Festuca undata* Stapf in Hook. f., Fl. Brit. India 7: 350. 1896; Bor, Grass. Ind. 542. 1960.
- var. *undata*.
E. to C. Himalaya.
- var. *aristata* Stapf in Hook. f., Fl. Brit. India 7: 351. 1896; Bor, Grass. Ind. 542. 1960.
E. to C. Himalaya.
- Festuca valesiaca* Schleich. ex Gaud., Agrost. Helvet. 1: 242. 1811; Bor, Grass. Ind. 542. 1960.
- Festuca ovina* L. ssp. *sulcata* Hack. var. *valesiaca* (Schleich. ex Gaud.) Koch, Syn. ed. 1: 812. 1837; Bor, l.c. 540.
Himalaya.
- GARNOTIA Brongn. in Duperr., Voy. Monde. Coq., Bot. (Phan.) 2: 132. 1832.
- Garnotia acutigluma* (Steud.) Ohwi in Bot. Mag. Tokyo 55: 393. 1941; Gould in Kew Bull. 27: 540. 1972.
- Urachne acutigluma* Steud., Syn. Pl. Glum. 1: 121. 1854.
- var. *acutigluma*.
E. & N.E. India, E. Himalaya.
- var. *longiseta* (Hack.) Ved Prakash & Jain in Fasc. Fl. India 3: 6. 1979.
- Garnotia stricta* Brongn. var. *longiseta* Hack. in Allgem. Bot. Zeitschr. 15: 141. 1909; Gould in Kew Bull. 27: 552. 1972.
N.E. India, E. Himalaya.
- Garnotia arborum* Stapf ex T. Cooke, Fl. Pres. Bombay 2: 1013. 1908 (3: 534. 1967, Repr. ed.); Bor, Grass. Ind. 567. 1960; Gould in Kew Bull. 27: 536. 1972.
Endemic in peninsular India.

Garnotia arundinacea Hook. f., Fl. Brit. India 7: 243. 1896; Bor, Grass. Ind. 567. 1960; Gould in Kew Bull. 27: 532. 1972.
Endemic in S. India.

Garnotia courtallensis (Arn. & Nees) Thw., Engl. Fl. Zeyl. 363. 1864; Hook. f., Fl. Brit. India 7: 244. 1896; Bor, Grass. Ind. 567. 1960.

Miquella courtallensis Arn. & Nees in Nov. Act. Nat. Cur. 19, Suppl. 1: 179. 1843.
S. India.

Garnotia elata (Arn. ex Miq.) Jan. in Fedde, Repert. 17: 86. 1921; Bor, Grass. Ind. 567. 1960; Gould in Kew Bull. 27: 556. 1972.

Berghausia elata Arn. ex Miq. in Verh. Konink. Nederl. Inst. 3, 4: 32. 1851.

Garnotia schmidii Hook. f., Fl. Brit. India 7: 242. 1896; Bor, l.c. 568.

Garnotia tenuiglumis Stapf ex Hook. f., l.c. 242.

Garnotia scoparia Stapf ex Hook. f., l.c. 242 non Thw. 1864.
S. India.

Garnotia exaristata Gould in Kew Bull. 27: 558. 1972.

Garnotia tectorum Hook. f., Fl. Brit. India 7: 242. 1896 *quoad* descr. nom. illegit.

Garnotia mutica sensu Bor, l.c. 568, non (Munro) Druce, 1916.
S. India.

Garnotia fergusonii Trim. in J. Bot. 27: 170. 1889; Gould in Kew Bull. 27: 537. 1972.
S. India.

Garnotia polypogonoides Munro ex Oliver in Hook., Ic. Pl. 15: 64, t. 1481. 1885; Hook. f., Fl. Brit. India 7: 243. 1896; Gould in Kew Bull. 27: 535. 1972.

Garnotia emodi sensu Bor, Grass. Ind. 567. 1960, non (Arn. & Nees) Janowsky, 1921.
W. to C. Himalaya, N.E. India.

Garnotia puchiparensis Bor in Indian For. Rec. (n.s.) Bot. 2, 4: 234-236. 1941.
Kerala.

Garnotia tenella (Arn. ex Miq.) Jan. in Fedde, Repert. 17: 86. 1921; Gould in Kew Bull. 27: 528. 1972.

Berghausia tenella Arn. ex Miq. in Verh. Konink. Nederl. Inst. 3, 4: 34. 1851.

Garnotia stricta sensu Hook. f., Fl. Brit. India 7: 243. 1896; Bor, Grass. Ind. 569. 1960, non Brongn. 1831.
India.

GERMAINIA Balans. & Poitr. in Bull. Soc. Hist. Nat. Toulouse 7: 344. 1873.

Germainia khatana Hack. in Oestr. Bot. Zeitschr. 41: 50. 1891; Hook. f., Fl. Brit. India 7: 163. 1896; Bor, Grass. Ind. 159. 1960.
N.E. India.

GLYCERIA R.Br., Prodr. 179. 1810 (*nom. cons.*).

Glyceria splenata Guss., Fl. Sic. Syn. 2: 784. 1845; Bor, Grass. Ind. 571. 1960.
Tamil Nadu (Nilgiris).

Glyceria tonglensis C.B.Cl. in J. Linn. Soc. 15: 119. 1876; Hook. f., Fl. Brit. India 7: 346. 1896; Bor, Grass. Ind. 571. 1960.

Glyceria kashmiriensis L. Kelsa in Rhodora 37: 262. 1935.
N.E. India, Himalaya.

GLYPHOCHLOA W.D. Clayton in Kew Bull. 35: 815. 1981.

MANISURIS L., Mant. Pl. Alt. 164. 1771, p.p.

Glyphochloa acuminata (Hack.) W.D. Clayton in Kew Bull. 35: 815. 1981.

Rottboellia acuminata Hack. in DC., Monogr. Phan. 6: 291. 1889; Hook. f., Fl. Brit. India 7: 155. 1896.

Manisuris acuminata (Hack.) O.Ktze., Rev. Gen. Pl. 2: 779. 1891; Bor, Grass. Ind. 191. 1960.

var. *acuminata*.
Endemic in Peninsular India.

var. *stocksii* (Hook. f.) W.D. Clayton in Kew Bull. 35: 815. 1981.

Rottboellia acuminata var. *stocksii* Hook. f., l.c. 155.

Manisuris acuminata var. *stocksii* (Hook. f.) Jain in Bull. Bot. Surv. India 12: 9. (1970) 1972.
Endemic in Peninsular India.

var. *woodrowii* (Bor) W.D. Clayton in Kew Bull. 35: 815. 1981.

Manisuris acuminata var. *woodrowii* Bor, Grass. Ind. 191. 1960.

Endemic in Peninsular India.

Glyphochloa divergens (Hack.) W.D. Clayton in Kew Bull. 35: 815. 1981.

Rottboellia divergens Hack. in DC., Monogr. Phan. 6: 292. 1889.

Manisuris divergens (Hack.) O. Ktze., Rev. Gen. Pl. 2: 779. 1891; Bor, Grass. Ind. 701. 1960.

var. *divergens*.

Endemic in Peninsular India.

var. *hirsuta* (C.E.C. Fischer) W.D. Clayton in Kew Bull. 35: 815. 1981.

Manisuris forficulata var. *hirsuta* C.E.C. Fischer in Kew Bull. 1933: 357. 1933; Bor, Grass. Ind. 192. 1960.

Manisuris divergens var. *hirsuta* (C.E.C. Fischer) Jain in Bull. Bot. Surv. India 12: 12. (1970) 1972.

Endemic in S. India.

Glyphochloa forficulata (C.E.C. Fischer) W.D. Clayton in Kew Bull. 35: 815. 1981.

Manisuris forficulata C.E.C. Fischer in Kew Bull. 1933: 355. 1933 *emend.* Jain in Bull. Bot. Surv. India 12: 12.(1970) 1972; Bor, Grass. Ind. 192. 1960.

Rottboellia divergens Hook. f., Fl. Brit. India 7: 155. 1896 *non* Hack. 1889.

Madhya Pradesh down southwards, endemic.

Glyphochloa goensis (Rolla Rao & Hemadri) W.D. Clayton in Kew Bull. 35: 815. 1981.

Manisuris goensis Rolla Rao & Hemadri in Bull. Bot.Surv. India 10: 106. 1968. Goa.

Glyphochloa mysorensis (Jain & Hemadri) W.D. Clayton in Kew Bull. 35: 815. 1981.

Manisuris mysorensis Jain & Hemadri in Bull. Bot. Surv. India 10: 280. 1969. Karnataka.

Glyphochloa ratnagirica (Kulkarni & Hemadri) W.D. Clayton in Kew Bull. 35: 815. 1981.

Manisuris ratnagirica Kulkarni & Hemadri in Indian Forester 100: 250. 1974. Maharashtra.

Glyphochloa santapauli (Jain & Deshpande) W.D. Clayton in Kew Bull. 35: 815. 1981.

Manisuris santapauli Jain & Deshpande in Bull. Bot. Surv. India 10: 277. 1969. Maharashtra.

Glyphochloa talbotii (Hook. f.) W.D. Clayton in Kew Bull. 35: 816. 1981.

Rottboellia talbotii Hook. f., Fl. Brit. India 7: 155. 1896.

HALOPYRUM Stapf in Hook., Ic. Pl. t. 2448. 1896.

Halopyrum mucronatum (L.) Stapf in Hook., Ic. Pl. t. 2448. 1896; Hook. f., Fl. Brit. India 7: 328. 1896; Bor, Grass. Ind. 516. 1960.

Uniola mucronata L., Sp. Pl. ed. 2. 104. 1762. Coasts of S. India.

HELICTOTRICHON Bess. ex J.A. & J.H. Schultes, Mant. 3: 526. 1827.

AVENASTRUM Jess., Deutsch. Graes. 214. 1863, *p.p.*

Helictotrichon polyneurum (Hook. f.) Henr. in Blumea 3: 425. 1940; Bor, Grass. Ind. 439. 1960.

Avena polyneura Hook. f., Fl. Brit. India 7: 277. 1896.

Avenastrum asperum var. *polyneuron* (Hook. f.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1803. 1934 (3: 1248. 1967, Repr.ed.). Endemic in Tamil Nadu (Nilgiris).

Helictotrichon pratense (L.) Pilger in Fedde, Repert. 45: 6. 1938; Bor, Grass. Ind. 439. 1960.

Avena pratensis L., Sp. Pl. 80. 1753. Introduced ; N.W. Himalaya to Garhwal.

Helictotrichon schmidii (Hook. f.) Henr. in Blumea 3: 427. 1940; Bor, Grass. Ind. 439. 1960.

Avena aspera var. *schmidii* Hook. f., Fl. Brit. India 7: 277. 1896.

Avenastrum asperum var. *schmidii* (Hook. f.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1802. 1934 (3: 1248. 1967, Repr. ed.).

Endemic in Tamil Nadu (Nilgiris & Pulney Hills).

Helictotrichon virescens (Nees ex Steud.) Henr. in *Blumea* 3: 425. 1940; *Bor. Grass. Ind.* 439. 1960; Sevenster & Veldkamp in *Blumea* 28: 338. 1983.

Trisetum virescens Nees ex Steud., *Syn. Pl. Glum.* 1: 226. 1854.

Avena aspera Munro ex Thw., *Enum. Pl. Zeyl.* 372. 1864; Hook. f., *Fl. Brit. India* 7:277. 1896.

Avena aspera var. *parviflora* Hook. f., l.c.

Avena aspera var. *roylei* Hook. f., l.c.

Avenastrum asperum (Munro ex Thw.) Vierh. in *Gen. Deutsch. Naturf., Leipzig* (1913) 85, 2, 1:672. 1914 in obs.

Helictotrichon asperum (Munro ex Thw.) Bor in *Indian For. Rec. n. s. 1(Bot)*: 68. 1938 & *Grass. Ind.* 438. 1960.

Helictotrichon parviflorum (Hook.f.) Bor in *Kew Bull.* 1951: 445. 1952 & *Grass. Ind.* 439. 1960. Nilgiri Hills, Pulneys, Himalaya.

HEMARTHRIA R.Br., Prodr. 207. 1810.

Hemarthria altissima (Poir.) Stapf & C.E. Hubb. in *Kew Bull.* 1934: 109. 1934; *Bor. Grass. Ind.* 160. 1960.

Rottboellia altissima Poir., *Voy. Barb.* 2 : 105. 1789.

Rottboellia fasciculata Lam., *Ill.* 1:204. 1791.

Rottboellia compressa L.f. var. *fasciculata* (Lam.) Hack. in *DC., Monogr. Phan.* 6:286. 1889; Hook. f., *Fl. Brit. India* 7: 153. 1896. S. India (Madras).

Hemarthria compressa (L.f.) R. Br., *Prodr.* 207. 1810; *Bor. Grass. Ind.* 161. 1960.

Rottboellia compressa L.f., *Suppl.* 114. 1781; Hook. f., *Fl. Brit. India* 7: 153. 1896.

Throughout the hotter parts of India, generally in wet places.

Hemarthria hamiltoniana Steud., *Syn. Pl. Glum.* 1: 358. 1854; *Bor. Grass. Ind.* 161. 1960.

Rottboellia protensa (Steud.) Hack. var. *hamiltoniana* Hook. f., *Fl. Brit. India* 7: 154. 1896.

Endemic in Uttar Pradesh.

Hemarthria longiflora (Hook. f.) A. Camus in *Lecomte, Fl. Gen. de l' Indo-Chine* 7: 379. 1922; *Bor. Grass. Ind.* 161. 1960.

Rottboellia longiflora Hook. f., *Fl. Brit. India* 7: 154. 1896.

N.E. India.

Hemarthria protensa Steud., *Syn. Pl. Glum.* 1: 359. 1854; *Bor. Grass. Ind.* 161. 1960.

Rottboellia protensa (Steud.) Hack. in *DC., Monogr. Phan.* 6: 289. 1889; Hook. f., *Fl. Brit. India* 7: 153. 1896.

E. & N.E. India.

HEMISORGHUM C.E.Hubb. ex Bor, Grass. Ind. 686. 1960.

Hemisorghum venustum (Thw.) W.D. Clayton in *Kew Bull.* 27: 448. 1972.

Andropogon venustus Thw., *Enum. Pl. Zeyl.* 367. 1864.

Capillipedium venustum (Thw.) Bor, *Grass. Ind.* 113. 1960.

Peninsular India.

HETEROPOGON Pers., Syn. Pl. 2 :533. 1807.

Heteropogon contortus (L.) P. Beauv. ex R. & S., *Syst. Veg.* 2: 836. 1817; *Bor. Grass. Ind.* 163. 1960.

Andropogon contortus L., *Sp. Pl.* 1045. 1753.

Throughout India.

Heteropogon fischerianus Bor in *Kew Bull.* 1951:170. 1951 & *Grass. Ind.* 165. 1960.

H. contortus var. *distichus* C.E.C. Fischer in *Gamble, Fl. Pres. Madras* 1743. 1934 (3:1208. 1967, Repr. ed.).

Endemic in Tamil Nadu.

Heteropogon melanocarpus (Ell.) Bth. in *J. Linn. Soc.* 19: 71. 1881; *Bor. Grass. Ind.* 165. 1960.

Andropogon melanocarpus Ell., *Sketch. Bot. S. Carol.* 1: 146. 1816; Hook. f., *Fl. Brit. India* 7: 200. 1896.

C. India & Upper Gangetic Plain.

Meteropogon polystachyos (Roxb.) Schult., Syst. Veg. 2, Mant. 460. 1824; Bor, Grass. Ind. 165. 1960.

Andropogon polystachyos Roxb., Fl. Ind. 1: 265. 1820; Hook. f., Fl. Brit. India 7:202. 1896.

Endemic in Peninsular India.

Heteropogon ritchiei (Hook. f.) Blatt. & McC. in J. Bombay nat. Hist. Soc.32: 623. 1928; Bor, Grass. Ind. 165. 1960.

Andropogon ritchiei Hook. f., Fl. Brit. India 7: 201. 1896.

Endemic in Peninsular India.

Heteropogon triticeus (R. Br.) Stapf ex Craib in Kew Bull. 1912: 432. 1912; Bor, Grass. Ind. 165. 1960.

Andropogon triticeus R. Br., Prodr. 201. 1810; Hook. f., Fl. Brit. India 7: 200. 1896.

Peninsular India.

HIEROCHLOE R. Br., Prodr. 208. 1810 (*nom.cons.*).

Hierochloa flexuosa Hook. f., Fl. Brit. India 7: 222. 1896; Bor, Grass. Ind. 441. 1960.
E.to C.Himalaya.

Hierochloa khasiana C.B.Cl. ex Hook. f., Fl. Brit. India 7: 223. 1896; Bor, Grass.Ind. 441. 1960.

Endemic in Khasia Hills.

Hierochloa laxa R. Br. ex Hook. f., Fl. Brit. India 7: 222. 1896; Bor, Grass.Ind. 441. 1960.

W. to C.Himalaya.

Hierochloa odorata (L.) P. Beauv., Ess. Agron. 62, 164. 1812; Raiz. & Chatterji in Indian Forester 88: 428. 1962.

Nepal.

HILARIA H.B.K., Nov. Gen. Sp. 1: ed. qu. 116; ed. fol. 95. 1816.

Hilaria jamesii (Torr.) Bth.in J. Linn. Soc. 19: 62. 1881; Bor,Grass. Ind. 682. 1960.

Pleuraphis jamesii Torr. in Ann. Lyc. New York 1: 148, t.10.1824.

Introduced.

HOLCOLEMMA Stapf & C.E. Hubb. in Bull. Misc. Inf.1929: 244. 1929.

Holcolemma canaliculatum (Nees ex Steud.) Stapf & C.E. Hubb. in Bull. Misc. Inf. 1929: 246. 1929; Bor, Grass. Ind. 313. 1960.

Panicum canaliculatum Nees ex Steud., Syn. Fl. Glum. 1: 55. 1854; Hook. f., Fl. Brit. India 7: 43. 1896.

S.India.

HOLCUS L., Sp. Pl. 1047. 1753.

Holcus lanatus L., Sp. Pl. 1048. 1753; Hook. f., Fl. Brit. India 7: 274. 1896; Bor, Grass. Ind. 443. 1960.

Introduced and naturalised.

Holcus mollis L.,Syst. Nat. ed. 10.1305. 1759; Bor, Grass. Ind. 443. 1960.

Introduced.

HORDEUM L., Sp. Pl. 84. 1753.

Hordeum aegiceras Nees ex Royle, Ill. Bot. Himal. 418, t. 97, f. 2. 1836; Bor, Grass. Ind. 675. 1960.

Hordeum vulgare ssp. *aegiceras* (Nees ex Royle) A. Love in Fedde, Reperit. 95: 435. 1964.
Cultivated, Himalaya.

Hordeum brevisubulatum (Trin.) Link in Linnæa 17: 391. 1843; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 640. 1982.

Hordeum secalinum Schreb. var. *brevisubulatum* Trin., Sp. Gram. 1: t. 4. 1828.

Hordeum secalinum sensu Hook. f., Fl. Brit. India 7: 372. 1896 *p.p.non* Schreb. 1771.

ssp. *brevisubulatum*.

N.W.Himalaya.

ssp. *nevskianum* (Bowden) Tzvelev in Nov.Sist. Vyssh. Rast. 1971: 66. 1971; T.A. Cope l.c. 640.

Hordeum nevskianum Bowden in Can. J. Genet. Cytol. 7: 396. 1965.
N.W.Himalaya.

Hordeum distichon L., Sp. Pl. 85. 1753; Bor, Grass. Ind. 676. 1960.
Cultivated in N.W.India.

Hordeum maritimum Hudr. ssp. *gussoneanum* (Pari.) Thell. in Vjschr. naturf. Ges. Zurich 52:

441. 1908; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 638. 1982.

Hordeum gussoneanum Parl., Fl. Palerm. 1: 246. 1845.

N.W.Himalaya.

Hordeum spontaneum C. Koch in Linnæa 21: 430. 1848; Bor, Grass. Ind. 676. 1960.

Hordeum vulgare L. ssp. *spontaneum* (C. Koch) A. & Gr. in Syn. Mitteleur. Fl. 2: 723. 1902.

N.W.India.

Hordeum vulgare L., Sp. Pl. 84. 1753; Hook. f., Fl. Brit. India 7: 371. 1896; Bor, Grass. Ind. 677. 1960.

ssp. *vulgare*.

Cultivated chiefly in Himalaya.

ssp. *agriocrithon* (Aberg) A. Love in Fedde, Repert. 95: 435. 1984.

Hordeum agriocrithon Aberg in Ann. Agri. Coll. Sweden 6: 159. 1938.

Cultivated in Himalaya.

HUBBARDIA Bor in Kew Bull. 1950: 385. 1951.

Hubbardia heptaneuron Bor in Kew Bull. 1950: 385. 1951 & Grass. Ind. 572. 1960.

Endemic in Karnataka.

HYALOPOA (Tzvelev) Tzvelev in Tzvelev & Bolkhovskikh in Bot. Zurn. (Moscow & Leningrad) 50(9): 1320. 1965.

COLPODIUM Subg. *HYALOPOA* Tzvelev in Nov. Syst. Pl. Vasc. 1964: 6. 1964.

Hyalopoa nutans (Stapf) Alexeev ex T.A. Cope in Nasir & Ali, Fl. Pak. 143: 423. 1982.

Catabrosa nutans Stapf in Hook. f., Fl. Brit. India 7: 312. 1896 based on *Colpodium nutans* Griseb. in Nachr. Ges. Wiss. Gott. 1868: 76. 1868, *nom. nud.* (Bor, Grass. Ind. 529. 1960).

Colpodium nutans (Stapf) Bor in Rech. f., Fl. Iran. 70: 54. 1970.

N.W. Himalaya.

HYGRORYZA Nees in Wight & Arn., Edinb. New Phil. J. 15: 380. 1833.

Hygroryza aristata (Retz.) Nees ex Wight & Arn. in Edinb. New Phil. J. 15: 380. 1833; Hook. f., Fl. Brit. India 7: 95. 1896; Bor, Grass. Ind. 597. 1960.

Pharus aristatus Retz., Obs. Bot. 5: 23. 1789.
In marshy places of India.

HYMENACHNE P.Beauv., Ess. Agrost. 48, 165. 1812.

Hymenachne assamica (Hook. f.) Hitchc. in Lingnan Sci. J. 7: 222. 1931; Bor, Grass. Ind. 313. 1960.

Panicum assamicum Hook. f., Fl. Brit. India 7: 40. 1896.

Endemic in N.E.India.

Hymenachne pseudointerrupta C. Muell. in Bot. Z. 19: 339. 1861; Bor, Grass. Ind. 313. 1960.

Panicum myurus Hook. f., Fl. Brit. India 7: 39. 1896 non Lam. 1791.

S., E. & N.E. India.

HYPARRHENIA Anderss. ex Fourn., Mex. Pl. 2: 51, 67. 1886.

Hyparrhenia cymbaria (L.) Stapf in Prain, Fl. Trop. Afr. 9: 332. 1919; Bor, Grass. Ind. 167. 1960.

Andropogon cymbarius L., Mant. Alt. 303. 1771. Madras.

Hyparrhenia griffithii Bor in Indian For. Rec. (Bot.) 1: 92. 1938 & Grass. Ind. 167. 1960.

Andropogon filipendulus Hook. f., Fl. Brit. India 7: 210. 1896 non Hochst. 1846, *p.p.* N.E.India.

Hyparrhenia hirta (L.) Stapf in Prain, Fl. Trop. Afr. 9: 315. 1919; Bor, Grass. Ind. 167. 1960.

Andropogon hirtus L., Sp. Pl. 1046. 1753. N.W.India.

Hyparrhenia rufa (Nees) Stapf in Prain, Fl. Trop. Afr. 9: 304. 1919; Bor, Grass. Ind. 167. 1960.

Trachypogon rufus Nees, Agrost. Bras. 345. 1829.

Introduced.

HYSTRIX Moench, Meth. 294. 1794.

Hystrix duthiei (Stapf ex Hook. f.) Bor in Indian Forester 66: 544. 1940 & Grass. Ind. 677. 1960.

Asperella duthiei Stapf ex Hook. f., Fl. Brit. India 7: 375. 1896.
W. to C. Himalaya.

ICHNANTHUS P. Beauv., Ess. Agrost. 56. 1812.

Ichnanthus vicinus (F.M. Bail.) Merr. in Enum. Philipp. Fl. Pl. 1: 70. 1923; Bor, Grass. Ind. 314. 1960.

Panicum vicinum F.M. Bail., Syn. Queens. Fl. Suppl. 3: 82. 1890.

Ichnanthus pallens Hook. f., Fl. Brit. India 7: 60. 1896 non Munro, 1861.

Peninsular India, Plains & hills of N.E. India, E. to C. Himalaya.

IMPERATA Cyr., Pl. Rar. Neap. 2: xxvi. 1792.

Imperata cylindrica (L.) Raeuschel., Nom. Bot. ed. 3: 10. 1797; Bor, Grass. Ind. 169. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 252. 1982.

Lagurus cylindricus L., Syst. Nat. ed. 10. 878. 1759.

Imperata arundinacea Cyr., Pl. Rar. Neap. 2: 26, t. 11. 1792; Hook. f., Fl. Brit. India 7: 106. 1896.

Imperata koenigii (Retz.) P. Beauv. var. *major* Nees, Fl. Afr. Austr. 90. 1841.

Imperata cylindrica var. *major* (Nees) C.E. Hubb. ex C.E. Hubb. & Vaughan, Grass. Maur. 96. 1940; Bor, l.c. 170.

var. *cylindrica*.
Hotter parts of India.

var. *latifolia* (Hook.f.) C.E. Hubb. in Imp. Agri. Bur. Jt. Pub. no. 7: 14. 1944; Bor, l.c. 170.

Imperata arundinacea var. *latifolia* Hook. f., Fl. Brit. India 7: 106. 1896.
Uttar Pradesh.

INDOPOA Bor in Kew Bull. 13: 225. 1958.

Indopoa paupercula (Stapf) Bor in Kew Bull. 13: 225. 1958.

Tripogon pauperculus Stapf in Hook., Ic. Pl. t. 2442. 1896; Hook. f., Fl. Brit. India 7: 285. 1896; Bor, Grass. Ind. 522. 1960.
Endemic in Peninsular India.

ISACHNE R. Br., Prodr. 196. 1810.

Isachne albens Trin., Sp. Gram. 1, Ic. t. 85. 1826; Hook. f., Fl. Brit. India 7: 22. 1896; Bor, Grass. Ind. 579. 1960.

var. *albens*.
Temperate and sub-tropical Himalaya, N.E. India.

var. *hirsuta* Hook. f., Fl. Brit. India 7: 23. 1896; Bor, l.c. 579.
N.E. India.

Isachne angladei C.E.C. Fischer in Kew Bull. 1932: 323. 1932; Bor, Grass. Ind. 579. 1960.
Endemic in S.India.

Isachne bicolor Naik & Patunkar in Bull. Bot. Surv. India 15: 157. (1973) 1976.
Maharashtra.

Isachne borii Hemadri in Indian Forester 97: 223. 1971.
Maharashtra.

Isachne bourneorum C.E.C. Fischer in Kew Bull. 1932: 324. 1932; Bor, Grass. Ind. 579. 1960.
Endemic in S.India.

Isachne clarkel Hook. f., Fl. Brit. India 7: 24. 1896; Bor, Grass. Ind. 579. 1960.

E. Himalaya, N.E. India, endemic.

Isachne confusa Ohwi in Bull. Tokyo Sci. Mus. 18: 14. 1947; Bor, Grass. Ind. 579. 1960.

Isachne rigida Hook. f., Fl. Brit. India 7: 24. 1896 non Nees ex Steud., 1854.
Nicobar Islands.

Isachne deccanensis Bor in Kew Bull. 1949: 95. 1949 & Grass. Ind. 579. 1960.
Endemic in Tamil Nadu (Nilgiris).

Isachne dimyoides Bor in Kew Bull. 1949: 96. 1949 & Grass. Ind. 580. 1960.

Endemic in Sikkim Terai.

Isachne dispar Trin., Sp. Gram. 1, Ic. t. 86. 1828; Hook. f., Fl. Brit. India 7: 26. 1896; Bor, Grass. Ind. 580. 1960.

Isachne lutaria Santox in J. Wash. Acad. Sci. 33: 140. 1943.

var. *dispar*.

Throughout the hottest parts of India.

var. *villosa* C.E.C.Fischer in Gamble, Fl. Pres. Madras 1797. 1934 (3: 1244. 1967, Repr. ed); Bor, l.c.

Endemic in Tamil Nadu.

Isachne elegans Dalz. in Dalz. & Gibs, Bombay Fl. 291. 1861; Hook. f., Fl. Brit. India 7: 23. 1896; Bor, Grass. Ind. 580. 1960.

Peninsular, C. & N.W. India.

Isachne fischeri Bor in Kew Bull. 1949: 69. 1949 & Grass. Ind. 580. 1960.

Endemic in Kerala.

Isachne globosa (Thunb.) O. Kt., Rev. Gen. Pl. 2: 778. 1891; Bor, Grass. Ind. 580. 1960.

Milium globosum Thunb., Fl. Jap. 49. 1784.

Isachne australis R. Br., Prodr. 196. 1810; Hook. f., Fl. Brit. India 7: 24. 1896.

Hottest parts of India.

Isachne gracilis C.E. Hubb. in Kew Bull. 1927: 77. 1927; Bor, Grass. Ind. 581. 1960.

Endemic in S. India.

Isachne himalaica Hook. f., Fl. Brit. India 7: 23. 1896; Bor, Grass. Ind. 581. 1960.

Tropical & Sub-tropical Himalaya, N. E. India.

Isachne kinabaluensis Merr. in J. Str. Br. Roy. Asiat. Soc. 76: 77. 1917; Ved Prakash in Bull. Bot. Surv. India 21: 180. (1979) 1981. N. E. India.

Isachne kunthiana (Wight & Arn. ex Steud.) Miq., Fl. Ind. Bat. 3: 460. 1857; Hook. f., Fl. Brit. India 7: 21. 1896; Bor, Grass. Ind. 581. 1960.

Panicum kurahianum Wight & Arn. ex Steud., Syn. Pl. Glum. 1: 96. 1854.

var. *kunthiana*.

S. India.

var. *elatior* (Hook. f.) Aist. in Suppl. Handb. Fl. Ceyl. 316. 1931; Raghavan et al. in Indian Forester 106: 645. 1980. Karnataka.

var. *latifolia* Hook. f., Fl. Brit. India 7: 22. 1896; Bor, l.c. 581.

Endemic in S. India.

Isachne usboae Hook. f., Fl. Brit. India 7: 22. 1896; Bor, Grass. Ind. 581. 1960.

Endemic in peninsular India.

Isachne meeboldii C. E. C. Fischer in Kew Bull. 1932: 323. 1932; Bor, Grass. Ind. 581. 1960.

Endemic in S. India.

Isachne miliacea Roth ex R. & S., Syst. Veg. 2: 476. 1817; Hook. f., Fl. Brit. India 7: 25. 1896; Bor, Grass. Ind. 582. 1960.

Throughout India.

Isachne mysorensis Raghavan in Indian Forester 97: 304. 1971.

Endemic in Karnataka.

Isachne oreades (Domin) Bor, Grass. Ind. 582. 1960.

Panicum oreades Domin in Bibl. Bot. 20 (85): 297. 1915.

Panicum aequiglume Hook. f., Fl. Brit. India 7: 44. 1896 non Hack. & Arachav. 1894.

Endemic in Tamil Nadu (Nilgiris).

Isachne pulchella Roth ex R. & S., Syst. Veg. 2: 476. 1817; Roth, Nov. Pl. Sp. 59. 1821; Bor, Grass. Ind. 582. 1960.

S. India, Andaman & Nicobar Islands.

Isachne scabrosa Hook. f., Fl. Brit. India 7: 23. 1896; Bor, Grass. Ind. 582. 1960.

N. E. India.

Isachne setosa C. E. C. Fischer in Kew Bull. 1932: 247. 1932; Bor, Grass. Ind. 582. 1960.

Endemic in Kerala.

Isachne sikkimensis Bor in Kew Bull. 1949: 115. 1949 & Grass. Ind. 582. 1960.

E. to C. Himalaya.

Isachne swaminathanii Vedprakash & Jain in Proc. Indian Acad. Sci. (Plant Sci.) 92: 19, f. 10. 1983.

Maharashtra.

Isachne veldkampii Bhat & Nageendran in Curr. Sci. 52: 258, f. 1. 1983.

Karnataka.

Isachne walkeri (Arn. ex Steud.) Wight & Arn. ex Thw., Enum.Pl. Zeyl. 361. 1864; Hook. f., Fl. Brit. India 7:26. 1896; Bor, Grass. Ind. 582. 1960.

Panicum walkeri Arn. ex Steud., Syn. Pl. Glum. 1:97. 1854.
S. India.

ISCHAEMUM L., Sp. Pl. 1049. 1753.

Ischaemum barbatum Retz., Obs. Bot. App. 6: 35. 1791; Bor in Kew Bull. 15: 411. 1961 & Grass. Ind. App. I. 1973 (Repr. ed.).

Ischaemum aristatum sensu Hack. ssp. *imberbe* Hack. var. *imbricatum* Hack. in DC., Monogr. Phan. 6: 203. 1889; Hook. f., Fl. Brit. India 7: 127. 1896.

Ischaemum goebelii Hack. in Ost. Bot. Z. 51: 149. 1901; Bor, Grass. Ind. 179. 1960.
E. & N. E. India.

Ischaemum botel Almeida in Indian Forester 98: 236. 1972.
Maharashtra.

Ischaemum bombalense Bor in J. Bombay nat. Hist. Soc. 49: 165. 1950 & Grass. Ind. 178. 1960.
Maharashtra.

Ischaemum calicutensis Sreekumar, V.J. & N. C. Nair in J. Econ. Tax. Bot. 4: 1007, f. 1. 1983.
Kerala.

Ischaemum kannanorensis Sreekumar, V.J. & N. C. Nair in J. Econ. Tax. Bot. 4: 1009, f. 1. 1983.

Kerala.

Ischaemum commutatum Hack. in DC., Monogr. Phan. 6: 209. 1889; Hook. f., Fl. Brit. India 7: 131. 1896; Bor, Grass. Ind. 178. 1960.
Peninsular India.

Ischaemum copeanum Sreekumar, V. J. & N. C. Nair in J. Bombay nat. Hist. Soc. 82: 390, f. 1. 1985.

Kerala.

Ischaemum dalzellii Stapf ex Bor in Kew Bull. 1951: 448. 1952 & Grass. Ind. 178. 1960.
S. India.

Ischaemum diplopogon Hook. f., Fl. Brit. India 7: 129. 1896; Bor, Grass. Ind. 178. 1960.
Endemic in Peninsular India.

Ischaemum duthiei Stapf ex Bor in Kew Bull. 1950: 188. 1950 & Grass. Ind. 178. 1960.
C. & E. India, W. Himalaya.

Ischaemum flumineum Bor in Kew Bull. 1949: 572. 1950 & Grass. Ind. 178. 1960.
Endemic in Peninsular India.

Ischaemum heterotrichum Hack. in DC., Monogr. Phan. 6: 220. 1889; Hook. f., Fl. Brit. India 7:134. 1896; Bor, Grass. Ind. 179. 1960.
Nicobar Islands.

Ischaemum hirtum Hack. in DC., Monogr. Phan. 6: 228. 1889 p.p.; Hook. f., Fl. Brit. India 7: 135. 1896; Bor, Grass. Ind. 179. 1960.
N.E. India.

Ischaemum hubbardii Bor in Indian For. Rec. (Bot) n. s. 1:98. 1938 & Grass. Ind. 179. 1960.
Endemic in Meghalaya (Khasia & Jaintia Hills).

Ischaemum huegelii Hack. in DC., Monogr. Phan. 6: 252. 1889; Hook. f., Fl. Brit. India 7: 139. 1896; Bor, Grass. Ind. 179. 1960.

Ischaemum inerme Stapf ex Bor in Kew Bull. 1951: 448. 1952.
Maharashtra.

Ischaemum impressum Hack. in DC., Monogr. Phan. 6: 210. 1889; Hook. f., Fl. Brit. India 7: 132. 1896; Bor, Grass. Ind. 180. 1960.
Endemic in Peninsular India.

Ischaemum indicum (Houtt.) Merr. in J. Arnold Arbor. 19: 320. 1938; Bor, Grass. Ind. 180. 1960.

Phleum indicum Houtt., Nat. Hist. 2, 13: 198, t. 90, f. 2. 1782.

Ischaemum ciliare Retz., Obs. Bot. 6: 36. 1791; Hook. f., Fl. Brit. India 7: 133. 1896.

Ischaemum aristatum auct. non L. 1753; Hook. f., l.c. 126.

var. *indicum*.

Ischaemum ciliare Retz. var. *prorepens* Hack. in DC., Monogr. Phan. 6: 226. 1889; Hook. f., l.c. 134.

sub var. *indicum*.
Throughout India.

sub var. *malacophyllum* (Hochst. ex Steud.)
Bor, Grass. Ind. 180. 1960.

Andropogon malacophyllus Hochst. ex Steud.,
Syn. Pl. Glum. 1: 372. 1854.

Ischaemum ciliare var. *malacophyllum* (Hochst.
ex Steud.) Hack. in DC., Monogr. Phan. 6: 226.
1889; Hook. f., l.c. 134.

In hotter parts of India.

sub var. *villosum* (Nees) Bor, Grass. Ind. 180.
1960.

Spodiopogon villosus Nees in Hook. & Arn.,
Bot. Beech. Voy. 242. 1838.

Ischaemum ciliare var. *villosum* (Nees) Hack. in
DC., Monogr. Phan. 6: 227. 1889; Hook. f., l.c.
134.

Madhya Pradesh.

var. *wallichii* (Hack.) Bor, Grass. Ind. 180.
1960.

Ischaemum ciliare var. *wallichii* Hack. in DC.,
Monogr. Phan. 6: 227. 1889.
N.E. India.

Ischaemum jayachandranii R. Aiyari,
Ramachandran & Sreekumar in Curr. Sci. 53:
151, f.1. 1984.
Kerala.

Ischaemum keralensis Sreekumar, V.J. & N.C.
Nair in Bull. Mus. natn. hist. nat., Paris 4 ser.,
7, sect. B, Adansonia 2: 135, t. 1. 1985.
Kerala.

Ischaemum kingii Hook. f., Fl. Brit. India
7:129. 1896; Bor, Grass. Ind. 182. 1960.
W. & N.W. India.

Ischaemum koenigii (Hook.f.) Stapf ex C.E.C.
Fischer in Gamble, Fl. Pres. Madras 1722. 1934
(3: 1194. 1967, Repr. ed.); Bor, Grass. Ind. 182.
1960.

Ischaemum aristatum ssp. *koenigii* Hook. f., Fl.
Brit. India 7: 127. 1896.
Endemic in S. India.

Ischaemum lacei Stapf ex Bor in Kew Bull.
1950: 187.1950 & Grass. Ind. 182. 1960; Sur in
J. Bombay nat. Hist. Soc. 82: 242, f. 1. 1985.
N. E. India.

Ischaemum lisboae Hook. f., Fl. Brit. India 7:
133. 1896; Bor, Grass. Ind. 182. 1960.
Endemic in Peninsular India.

Ischaemum malabaricum Sreekumar, V.J. &
N.C. Nair in Kew Bull. 39: 743, f. 1. 1984.
Kerala.

Ischaemum mangaluricum (Hack.) Stapf ex
C.E.C. Fischer in Gamble, Fl. Pres. Madras
1723. 1934 (3: 1194. 1967, Repr. ed.); Bor,
Grass. Ind. 182. 1960.

Ischaemum aristatum ssp. *imberbe* Hack. var.
mangaluricum Hack. in DC., Monogr. Phan. 6:
204. 1889.
S.India.

Ischaemum molle Hook. f., Fl. Brit. India 7:
128. 1896; Bor, Grass. Ind. 183. 1960.
Peninsular to C.India.

Ischaemum muticum L., Sp. Pl. 1049. 1753;
Hook. f., Fl. Brit. India 7: 132. 1896; Bor,
Grass. Ind. 183. 1960.
Coasts of S. India, Lakshadweep, Andaman &
Nicobar Islands.

Ischaemum nairii V.J.Nair & Sreekumar in J.
Econ.Tax. Bot. 5: 1205, f. 1. 1984.
Kerala.

Ischaemum nilagiricum Hack. in Oest. Bot. 7:
51: 150. 1901; Bor, Grass. Ind. 183. 1960.

Ischaemum hirtum Hook. f., Fl. Brit. India 7:
135. 1896 non Hack. 1889.
Endemic in S.India.

Ischaemum pilosum (Klein ex Willd.) Wight in
Madras Lit. Sci. J. 138. 1835 (Also reprint p. 2,
t. 2.); Hook. f., Fl. Brit. India 7: 130. 1896;
Bor, Grass. Ind. 183. 1960.

Andropogon pilosus Klein ex Willd., Sp. Pl. 4:
920. 1806.
Peninsular & C. India.

Ischaemum ralzadae Hemadri & Billore in
Indian Forester 96: 318. 1970; Bor in Indian
Forester 97: 73. 1971.

Ischaemum borii Almeida in J. Bombay nat. Hist.
Soc. 66: 513, t. 1. (1969). 1970.
Peninsular India.

Ischaemum rangacharlanum C.E.C. Fischer in
Kew Bull. 1933: 352. 1933; Bor, Grass. Ind.
184. 1960.
Endemic in S.India.

Ischaemum ritcheii Stapf ex Bor in Kew Bull.
1951: 449. 1952 & Grass. Ind. 184. 1960.
Endemic in Peninsular India.

Ischaemum rugosum Salisb., Ic. Stirp. Rar. 1, t. 1. 1791; Hook. f., Fl. Brit. India 7: 127. 1896; Bor, Grass. Ind. 184. 1960.

var. *rugosum*.

Throughout India, Andaman Islands.

var. *segetum* (Trin.) Hack. in DC., Monogr. Phan. 6: 208. 1889; Hsu in Hara, Fl. E. Himal. 367. 1966.

Ischaemum segetum Trin. in Mem. Acad. Sci. Petersb. 6, 2: 294. 1832.

Nepal.

Ischaemum santapaul Bor in J. Bombay nat. Hist. Soc. 49: 167. 1950 & Grass. Ind. 185. 1960.

Endemic in Maharashtra.

Ischaemum semisagittatum Roxb., Fl. Ind. 1: 322. 1820; Hook. f., Fl. Brit. India 7: 130. 1896; Bor, Grass. Ind. 185. 1960.

Ischaemum conjugatum Roxb., l.c. 323; Hook. f., l.c. 131.

Peninsular India.

Ischaemum tadullangamil N.C. Nair & Sree Kumar in Blumea 30: 385, f. 1. 1985.

Kerala.

Ischaemum thomsonianum Stapf ex C.E.C. Fischer in Gamble, Fl. Pres. Madras 1722. 1934 (3: 1193. 1967, Repr.ed.); Bor, Grass. Ind. 185. 1960.

Ischaemum murinum Hook. f., Fl. Brit. India 7: 135. 1896 non Forst., 1786.

Endemic in Peninsular India.

Ischaemum timorense Kunth, Rev. Gram. 1: 369, t. 98. 1830; Hook. f., Fl. Brit. India 7: 136. 1896; Bor, Grass. Ind. 185. 1960.

E.India southwards, Andaman & Nicobar Islands.

Ischaemum travancorense Stapf ex C.E.C. Fischer in Kew Bull. 1933: 353. 1933; Bor, Grass. Ind. 186. 1960.

Ischaemum aristatum ssp. *rotleri* Hook. f., Fl. Brit. India 7: 127. 1896.

Endemic in Kerala.

Ischaemum tumidum Stapf ex Bor in Kew Bull. 1951: 450. 1952 & Grass. Ind. 186. 1960.

Endemic in Peninsular & C.India.

Ischaemum vembanadense Patil & D'Cruz in J. Bombay nat. Hist. Soc. 70: 324. (1973) 1974.

Kerala.

Ischaemum zeylanicum Bor, Grass. Ind. 186. 1960.

Ischaemum timorense Kunth var. *zeylanicum* Hack. in DC., Monogr. Phan. 6: 230. 1889.

Peninsular India, Andaman Islands.

ISELEMA Anders. in Nova. Act. Reg. Soc. Sci. Upsal. 3, 2: 250. 1856.

Isellema anthephoroides Hack. in DC., Monogr. Phan. 6: 683. 1889; Hook. f., Fl. Brit. India 7: 219. 1896; Bor, Grass. Ind. 187. 1960.

Endemic in Peninsular India.

Isellema hotel Haines, Bot. Bih. Oriassa 5: 1055. 1924 (3: 1103. 1961, Repr.ed.); Bor, Grass. Ind. 188. 1960.

Endemic in E.India.

Isellema hubbardii Uppuluri in J. Bombay nat. Hist. Soc. 65: 665. 1969.

Endemic in Madhya Pradesh.

Isellema laxum Hack. in DC., Monogr. Phan. 6: 682. 1889; Hook. f., Fl. Brit. India 7: 218. 1896; Bor, Grass. Ind. 188. 1960.

E.India southwards.

Isellema prostratum (L.) Anders. in Nov. Act. Soc. Sci. Upsal. 3, 2: 251. 1856; Bor, Grass. Ind. 188. 1960.

Andropogon prostratus L., Mant. 304. 1771.

Isellema wightii Anders. l.c.; Hook. f., Fl. Brit. India 7: 218. 1896.

Throughout India.

Isellema venkateswartul Satyavathi in J. Bombay nat. Hist. Soc. 65: 667. 1969.

Andhra Pradesh.

JANSENELLA Bor in Kew Bull. 1955: 96. 1955.

Jansenella griffithiana (C. Muell.) Bor in Kew Bull. 1955: 98. 1955 & Grass. Ind. 426. 1960.

Darthonia griffithiana C. Muell. in Bot. Z. 14: 347. 1856.

Arundinella avenacea Munro ex Thw., Enum. Pl. Zeyl. 362. 1864; Hook. f., Fl. Brit. India 7: 69. 1896.

Arundinella griffithiana (C. Muell.) Bor in Indian For. Rec. (Bot.) 1(3): 73. 1938.

Danthoniopsis griffithiana (C. Muell.) Bor in Fl. Assam 5: 187. 1940.
Peninsular & N.E. India.

KENGIA Packer in Bot. Notis. 113: 291. 1960.

Kengia gatacrei (Stapf) T.A. Cope in Kew Bull. 35: 701. 1980 & in Nasir & Ali, Fl. Pak. 143: 70. 1982.

Diplachne gatacrei Stapf in Kew Bull. 1898: 229. 1898.

Cleistogenes gatacrei (Stapf) Bor ex Sultan & R.R. Stewart, Grass. W. Pak. 2: 226. 1959; Bor, Grass. Ind. 487. 1960.
N.W. India.

Kengia mutica (Keng) Packer in Bot. Not. (Lund) 113: 291. 1960; Bhattacharyya & Uniyal in J. Econ. Tax. Bot. 7: 235. 1985.

Cleistogenes mutica Keng in J. Washington Acad. Sci. 28: 299. 1938.
N.W. Himalaya.

c.f. Bullock in Taxon 14: 291. 1965 and 16: 121. 1967 and Bor in Rech. f., Fl. Iran. 70: 441. 1970 for argument in favour of the retention of the generic epithet, *Cleistogenes*.

KOELERIA Pers., Syn. Pl. 1: 97. 1805.

Koeleria argentea Griseb. in Goett. Nachr. 77. 1868; Hook. f., Fl. Brit. India 7: 309. 1896; Bor, Grass. Ind. 444. 1960.

var. *argentea*.
Alpine Himalaya.

var. *nepalensis* Domin in Biblioth. Bot. 14, 65: 115. 1907; Bor, *l.c.*
N.W. India.

Koeleria macrantha (Ledeb.) Schult., Mant. 2: 345. 1824; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 511. 1982.

Aira macrantha Ledeb. in Mem. Acad. Sci. Petersb. 5: 515. 1812.

Koeleria cristata auct. non (L.) Pers. 1805; Hook. f., Fl. Brit. India 7: 308. 1896; Bor, Grass. Ind. 444. 1960.

Koeleria gracilis Pers., Syn. Pl. 1: 97. 1805; Shukla & Jain in Bull. Bot. Surv. India 20: 67. (1978) 1979.

Temperate & Alpine Himalaya.

LAGURUS L., Sp. Pl. 81. 1753.

Lagurus ovatus L., Sp. Pl. 81. 1753; Bor, Grass. Ind. 400. 1960.
N.W. Himalaya.

LAMARCKIA Moench, Meth. 201. 1794 ('Lamarckia'); Corr. Koeler, Descr. Gram. Gallia German. 376. 1802 (nom. et orth. cons.)

Lamarckia aurea (L.) Moench, Meth. 201. 1794; Hook. f., Fl. Brit. India 7: 307. 1896; Bor, Grass. Ind. 542. 1960.

Cynosurus aureus L., Sp. Pl. 73. 1753.
N.W. & N. India.

LASIURUS Boiss., Diagn. Pl. Orient. 2, 3(4): 145. 1859.

Lasiurus scindicus Henr. in Blumea 4: 514. 1941; Bor, Grass. Ind. 189. 1960; T.A. Cope in Kew Bull. 35: 451. 1980.

Rottboellia hirsuta Vahl, Symb. Bot. 1: 11. 1790, nom. illegit. superfl., based on *Triticum aegilopoides* Forsk., Fl. Aeg.-Arab. 26. 1775 nomen dubium.

Lasiurus hirsutus (Vahl) Boiss., Diagn. Pl. Orient. 2, 3(4): 146. 1859 comb. illegit; Bor, *l.c.*

Elionurus hirsutus (Vahl) Munro ex Bth. in J. Linn. Soc. 19: 68. 1881 comb. illegit; Hook. f., Fl. Brit. India 7: 162. 1896.

Lasiurus exandatus Satyanar. & Shankarnar. in J. Bombay nat. Hist. Soc. 60: 763. 1964.
N.W. India.

LEERSIA Soland. ex Swartz, Prodr. Veg. Ind. Occ. 21. 1788 (nom. cons.)

Leersia hexandra Swartz, Prodr. Veg. Ind. Occ. 21. 1788; Hook. f., Fl. Brit. India 7: 94. 1896; Bor, Grass. Ind. 599. 1960.
In marshes from Nepal eastwards to Assam and southwards.

Leersia oryzoides (L.) Swartz, Prodr. Veg. Ind. Occ. 21. 1788; Hook. f., Fl. Brit. India 7: 94. 1896.

Phalaris oryzoides L., Sp. Pl. 55. 1753.

Leersia hackelii sensu Bor, Grass. Ind. 599. 1960 non Keng, 1940. N.W.India.

LEPTASPIS R. Br., Prodr. 211. 1810.

Leptaspis urceolata (Roxb.) R. Br. in Benn., Pl. Jav. Rer. 23, t. 6. 1838; Rolla Rao in Curr. Sci. 33: 120. 1964.

Pharus urceolatus Roxb., Fl. Ind. 3: 611. 1832. Kerala.

LEPTOCHLOA P. Beauv., Ess. Agrost. 71. 1812.

Leptochloa chinensis (L.) Nees in Syll. Ratisb. 1: 4. 1824; Hook. f., Fl. Brit. India 7: 299. 1896; Bor, Grass. Ind. 516. 1960.

Poa chinensis L., Sp. Pl. 69. 1753. Throughout India, in moist places.

Leptochloa neesii (Thw.) Bth. in J. Linn. Soc. 19: 108. 1881; Bor, Grass. Ind. 517. 1960.

Cynodon neesii Thw., Enum. Pl. Zeyl. 371. 1864.

Leptochloa polystachya Bth., Fl. Austral. 7: 617. 1878; Hook. f., Fl. Brit. India 7: 298. 1896. S.India.

Leptochloa obtusiflora Hochst. in Flora 38: 203. 1855; Hook. f., Fl. Brit. India 7: 299. 1896; Bor, Grass. Ind. 517. 1960. S.India.

Leptochloa panicea (Retz.) Ohwi in Bot. Mag. Tokyo 55: 311. 1941; Bor, Grass. Ind. 517. 1960.

Poa panicea Retz., Obs. Bot. 3: 11. 1783.

Leptochloa filiformis sensu Hook. f., Fl. Brit. India 7: 298. 1896 non P. Beauv. 1812. Throughout India.

Leptochloa uniflora Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 409. 1851; Hook. f., Fl. Brit. India 7: 297. 1896; Bor, Grass. Ind. 517. 1960. S.India.

LEPTURUS R. Br., Prodr. 207. 1810.

Lepturus radicans (Steud.) A. Camus in Ann. Soc. Linn. Lyon, 1922, n. s. 69: 87. 1923; Ramamoorthy in Saldanha & Nicolson, Fl. Hassan DL739. 1976; Deshpande & Singh in Curr. Sci. 45: 873. 1976.

Ophiurus radicans Steud., Syn. Pl. Glum. 1: 430. 1855. Karnataka.

Lepturus repens (G.Forst.) R. Br., Prodr. 207. 1810; Bor, Grass. Ind. 585. 1960.

Rottboellia repens G. Forst., Prodr. 9. 1786. Lakshadweep.

LEYMUS Hochst. in Flora 31: 118. 1848.

Leymus secalinus (Georgi) Tzvetev, Pl. Asiat. Cent. 4: 209. 1968; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 632. 1982.

Triticum secalinum Georgi, Bemerk. einer Reise 1: 198. 1775.

Elymus darystachys Trin. in Ledeb., Fl. Alt. 1: 120. 1829; Hook. f., Fl. Brit. India 7: 374. 1896; Bor, Grass. Ind. 669. 1960.

Elymus thomsonii Hook. f., l.c. N.W.India.

LIMNOPOA C.E. Hubb. in Hook., Ic. Pl. 1. 3432. 1943.

Limnopus maeboldii (C.E.C. Fischer) C.E. Hubb. in Hook., Ic. Pl. sub t. 3432. 1943; Bor, Grass. Ind. 583. 1960.

Coelachne maeboldii C.E.C. Fischer in Kew Bull. 1934: 169. 1934. Endemic in Kerala.

LITTLEDALEA Hemsl. in Hook., Ic. Pl. 25: t. 2472. 1896.

Littledalea tibetica Hemsl. in Hook., Ic. Pl. 25: t. 2472. 1896; Hara et al., Enum. Fl. Pl. Nepal 1: 137. 1978. Himalaya.

LOLIUM L., Sp. Pl. 83. 1753.

Lolium perenne L., Sp. Pl. 83. 1753; Hook. f., Fl. Brit. India 7: 365. 1896; Bor, Grass. Ind. 545. 1960.

E. to C. Himalaya.

Lolium persicum Boiss. & Hoh. ex Boiss.,
Diagn. 1, 13: 66. 1853; Bor, Grass. Ind. 545.
1960.

Lolium rigidum Gaud. var. *duthiei* Hack. ex
Hook. f., Fl. Brit. India 7: 364. 1896.
N.W. Himalaya.

Lolium remotum Schrank, Baier. Fl. 1: 382.
1789; Bor, Grass. Ind. 546. 1960.

var. *remotum*.
N.W. India.

var. *aristatum* (Doell.) Aschers in Fl. Brant. 1:
876. 1864; B. Bhattacharya in Curr. Sci. 45:
277. 1976.

Lolium illicolum var. *aristatum* Doell. 1857.
N. & N.W. India.

Lolium rigidum Gaud., Agrost. Helvet. 1: 334.
1811; Bor, Grass. Ind. 546. 1960.
N.W. India.

Lolium temulentum L., Sp. Pl. 83. 1753; Hook.
f., Fl. Brit. India 7: 364. 1896; Bor, Grass. Ind.
546. 1960; Karthik in Bull. Bot. Surv. India 13:
177. 1971.

var. *temulentum*.
Peninsular India, Upper Gangetic plain, Punjab,
W. to C. Himalaya.

var. *arvense* Lillj., Sv. Fl. 80. 1816; Bor, l.c.

W. Himalaya.

LOPHATHERUM Brongn. in Duperr., Voy.
Monde. Coq., Bot. (Phan.) 49. 1831.

Lophatherum gracile Brongn. in Duperr., Voy.
Monde Coq., Bot. (Phan.) 50, t. 8. 1831; Hook.
f., Fl. Brit. India 7: 331. 1896; Bor, Grass. Ind.
460. 1960.

S. & N.E. India, Tropical E. Himalaya.

LOPHOLEPIS Decne., Arch. Mus. Hist. Nat. 1:
147. 1839.

Lopholepis ornithocephala (Hook.) Steud., Syn.
Pl. Glum. 1: 112. 1854; Hook. f., Fl. Brit. India
7: 98. 1896; Bor, Grass. Ind. 682. 1960.

Holboellia ornithocephala Hook., Bot. Misc. 2:
144, t. 76. 1831.

S. India.

LOPHOPOGON Hack. in Engl. & Prantl,
Pflanzenf. 2(2): 26. 1887.

Lophopogon duthiei Stapf ex Bor, Grass. Ind.
689. 1960.

Endemic in Madhya Pradesh.

See Singh & Deshpande in Ann. Arid zone 19:
168. 1980. who suggest merging this with *L.*
tridentatus.

Lophopogon kingii Hook. f., Fl. Brit. India 7:
149. 1896; Bor, Grass. Ind. 190. 1960.

Endemic in Bihar.

Lophopogon tridentatus (Roxb.) Hack. in Engl.
& Prantl, Pflanzenf. 2 (2): 26. 1887; Hook. f.,
Fl. Brit. India 7: 149. 1896; Bor, Grass. Ind.
190. 1960.

Andropogon tridentatus Roxb., Fl. Ind. 1: 261.
1820.

Peninsular India to Madhya Pradesh.

LYGEUM Loeffl. ex L., Gen. Pl. ed. 5: 27. 1754.

Lygeum spartum Loeffl. ex L., Gen. Pl. ed. 5.
Addendum, Pag. ult., Post. ind. (p. "522") 1754;
Bor, Grass. Ind. 587. 1960.
Kashmir, garden escape (*vide* Bor).

MANISURIS L., Mant. 2: 164, 300. 1771.

Manisuris myuros L., Mant. 2: 300. 1771; Bor,
Grass. Ind. 192. 1960.

Rottboellia myuros (L.) Bth. in J. Linn. Soc. 19:
68. 1881; Hook. f., Fl. Brit. India 7: 154. 1896.
Endemic in S. India.

MELANOCENCHRIS Nees in Proc. Linn. Soc.
London 1: 94. 1841.

Melanocenchris abyssinica (R.Br. ex Fresen.)
Hochst. in Flora 38: 274. 1855 in Obs.; Bor,
Grass. Ind. 473. 1960.

Euriana abyssinica R. Br. ex Presen. in Mus.
Sencken. 2: 142. 1837.

Gracilea royleana Hook. f. var. *plumosa* Hook.
f., Fl. Brit. India 7: 284. 1896.

W. to N.W.India.

Melanocentris jacquemontii Jaub. & Spach, Ill. Pl. Orient. 4: 36, t. 325. 1851; Bor, Grass. Ind. 473. 1960.

Gracilea royleana Hook. f., Fl. Brit. India 7: 284. 1896.

Throughout India in dry places.

Melanocentris monoica (Rottl.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1831. 1934 (3: 1268. 1967, Repr. ed.); Bor, Grass. Ind. 473. 1960.

Pommereulla monoica Rottl. in Ges. Natur. Freunde Berlin, Neue Schr. 4: 218. 1803.

Gracilea nutans Koen. ex Rottl., Lc.; Hook. f., Fl. Brit. India 7: 283. 1896.
S.India.

MELICA L., Sp. Pl. 66. 1753.

Melica nutans L., Sp. Pl. 66. 1753; Hook. f., Fl. Brit. India 7: 330. 1896; Bor, Grass. Ind. 590. 1960.
N.W.India.

Melica onost Franch. & Sav., Enum. Pl. Japon. 2: 603. 1876; Bor, Grass. Ind. 592. 1960.

Melica scaberrima var. *micrantha* Hook. f., Fl. Brit. India 7: 331. 1896.
N.W.India.

Melica persica Kunth, Rev. Gram. 1: 122, 351, t. 89. 1830; Bor, Grass. Ind. 592. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 445. 1982.

Melica cupani auct. non Guss. 1832; Hook. f., Fl. Brit. India 7: 329. 1896, p.p.

Melica jacquemontii Dcne. in Jacq., Voy. Bot. 4: 174, t. 175. 1844; Bor, Lc. 590.

Melica inaequiglumis Boiss., Diagn. 1 (7): 124. 1846; Bor, Lc.

Melica hohenackeri Boiss., Lc. 1, 2 (13): 54. 1853; Bor, Lc.

Melica cupani var. *canescens* Regel, Descr. Pl. Nov. fasc. 8: 88. 1880.

Melica canescens (Regel) Lavrenko in Kom., Fl. URSS 2: 752. 1934; Bor, Lc. 590.
N.W. India, W. to C. Himalaya.

Melica scaberrima (Nees ex Steud.) Hook. f., Fl. Brit. India 7: 330. 1896; Bor, Grass. Ind. 592. 1960.

Glyceria scaberrima Nees ex Steud., Syn. Pl. Glum. 1: 287. 1854.
Temperate W. to C.Himalaya.

Melica secunda Regel in Act. Hort. Petrop. 7: 629. 1880; Bor, Grass. Ind. 592. 1960.
N.W.India.

MELINIS P. Beauv., Ess. Agrost. 54. 1812.

Melinis minutiflora P. Beauv., Ess. Agrost. 54, t. 11, f. 4. 1812; Bor, Grass. Ind. 315. 1960.
Introduced for fodder.

MICROCHLOA R. Br., Prodr. 208. 1810.

Microchloa indica (L.f.) P. Beauv., Ess. Agrost. 20. 1812; Bor, Grass. Ind. 473. 1960.

Nardus indica L.f., Suppl. 105. 1781.

Microchloa setacea R. Br., Prodr. 208. 1810; Hook. f., Fl. Brit. India 7: 283. 1896.
Peninsular, C. & N.E.India.

Microchloa kunthii Desv., Opusc. 75. 1831; Bor, Grass. Ind. 474. 1960.
S. & N.E.India.

MICROSTEGIUM Nees in Lindley, Nat. Syst. ed. 2. 447. 1836.

Microstegium borianum Sur in J. Bombay nat. Hist. Soc. 79: 652, f. 1.(1982) 1983.
N.E.India.

Microstegium cillatum (Trin.) A. Camus in Ann. Soc. Linn. Lyon, n.s. 68: 201. 1921; Bor, Grass. Ind. 193. 1960.

Pollinia ciliata Trin. in Mem. Acad. Sci. Petersb. 6, 2: 306. 1832; Hook. f., Fl. Brit. India 7: 116. 1896.

Pollinia monantha Nees ex Steud., Syn. Pl. Glum. 1: 410. 1855; Hook. f., Lc.
Throughout India except N.W. Himalaya.

Microstegium eucnemis (Nees ex Steud.) A. Camus in Ann. Soc. Linn. Lyon n.s. 68: 200. 1921; Sur in J. Econ. Tax. Bot. 6: 171. 1985.

Pollinia eucnemis Nees ex Steud., Syn. Pl. Glum. 1: 409. 1855.

Tamil Nadu, N.W. to C. Himalaya.

Microstegium falconeri (Hook.f.) W.D. Clayton in Kew Bull. 35: 816. 1981.

Ischnochloa falconeri Hook. f. in Hook., Ic. Pl. t. 2466. 1896 & Fl. Brit. India 7: 148. 1896; Bor, Grass. Ind. 186. 1960.
Endemic in N.W.Himalaya.

Microstegium nudum (Trin.) A. Camus in Ann. Soc. Linn. Lyon, n.s. 68: 201. 1921; Bor, Grass. Ind. 194. 1960.

Pollinia nuda Trin. in Mem. Acad. Sci. Petersb. 6, 2: 307. 1832; Hook. f., Fl. Brit. India 7: 117. 1896.
N.E.India, Temperate Himalaya.

Microstegium petiolare (Trin.) Bor in Indian For. Rec. (Bot.) 1(3): 87. 1938 & Grass. Ind. 194. 1960.

Spodiopogon petiolaris Trin. in Mem. Acad. Sci. Petersb. 6, 2: 301. 1832.

Ischaemum petiolare (Trin.) Hack. in DC., Monogr. Phan. 6: 238. 1889; Hook. f., Fl. Brit. India 7: 138. 1896.
Sub tropical W. to C. Himalaya, N.E. India.

Microstegium vagans (Nees ex Steud.) A. Camus in Ann. Soc. Linn. Lyon, n.s. 68: 200. 1921; Bor, Grass. Ind. 195. 1960.

Pollinia vagans Nees ex Steud., Syn. Pl. Glum. 1: 410. 1855; Hook. f., Fl. Brit. India 7: 115. 1896.

Pollinia grata Hack. in DC., Monogr. Phan. 6: 175. 1889; Hook. f., Ic. E. to C. Himalaya, N.E.India.

Microstegium vlnalneum (Trin.) A. Camus in Ann. Soc. Linn. Lyon, n.s. 68: 201. 1921; Bor, Grass. Ind. 195. 1960.

Andropogon vimineus Trin. in Mem. Acad. Sci. Petersb. 6, 2: 268. 1832.

Pollinia imberbis Nees ex Steud., Syn. Pl. Glum. 1: 410. 1855; Hook. f., Fl. Brit. India 7: 117. 1896.

Microstegium willdenowianum Nees in Lindl. Nat. Syst. Bot. (ed.2.): 447. 1836.

Microstegium vimineum var. *willdenowianum* (Nees) Sur in J. Econ. Tax. Bot. 6: 175. 1985.
Temperate Himalaya.

MILIUM L., Sp. Pl. 61. 1753.

Milium effusum L., Sp. Pl. 61. 1753; Hook. f., Fl. Brit. India 7: 235. 1896; Bor, Grass. Ind. 593. 1960.
W.Himalaya.

MISCANTHUS Anderss. in Ofvers. Forh. Kongl. Svensk. Vet. Akad. 12: 165. 1855.

Miscanthus nepalensis (Trin.) Hack. in DC., Monogr. Phan. 6: 104. 1889; Hook. f., Fl. Brit. India 7: 107. 1896; Bor, Grass. Ind. 196. 1960.

Eulalia nepalensis Trin. in Mem. Acad. Sci. Petersb. 6, 2: 333. 1832.
Himalaya, N.E. India, Hills of S. India.

Miscanthus nudipes (Griseb.) Hack. in DC., Monogr. Phan. 6: 109. 1889; Hook. f., Fl. Brit. India 7: 107. 1896.

Eriarthus nudipes Griseb. in Nachr. Koen. Akad. Wiss. Goett. 92. 1868.
E. to C. Himalaya, N.E. India.

Miscanthus taylorii Bor in Kew Bull. 1953: 273. 1953 & Grass. Ind. 196. 1960.
Likely in Sikkim (*vide* Bor).

Miscanthus wardii Bor in Kew Bull. 1953: 274. 1953 & Grass. Ind. 196. 1960.
Endemic in N.E. India.

MNESITHEA Kunth, Rev. Gram. 1: 153. 1829.

Mnesithea clarkii (Hack.) Koning & Sosef in Blumea 31: 290. 1986.

Rottboellia clarkii Hack. in Oesterr. Bot. Zeitschr. 41: 8. 1891; Hook. f., Fl. Brit. India 7: 156. 1896.

Cenchrus clarkii (Hack.) Blatt & McC. in J. Bombay nat. Hist. Soc. 82: 33. 1927.

Manisuris clarkii (Hack.) Bor ex Sant. in Rec. Bot. Surv. India 16 (1): 357. 1953; Bor, Grass. Ind. 191. 1960.
Peninsular to C. & E.India.

Mnesithea granularis (L.) Koning & Sosef in Blumea 31: 295. 1986.

Cenchrus granularis L., Mant. 2, App. 575. 1771.

Manisuris granulatis (L.) L. f., Nov. Gram. Gen. 40. 1779; Hook. f., Fl. Brit. India 7: 159. 1896.

Hackelochloa granulatis (L.) O. Ktze., Rev. Gen. Pl. 2: 776. 1891; Bor, Grass. Ind. 159. 1960.

Manisuris porifera Hack. in Oesterr. Bot. Zeitschr. 41: 48. 1891; Hook. f., l.c. 160.

Rytilix granulatis (L.) Skeels in U.S. Dept. Agr. Bur. Pl. Industr. 282. 1913.

Hackelochloa porifera (Hack.) Rhind, Grass. Burma 77. 1945; Bor l.c. 160.
Throughout India, Andaman & Nicobar Islands.

Mnesithea laevis (Retz.) Kunth, Rev. Gram. 1: 154. 1829; Bor, Grass. Ind. 197. 1960.

Rottboellia laevis Retz., Obs. Bot. 3: 11. 1783.

Rottboellia perforata Roxb., Pl. Cor. 2: 43, t. 182. 1798; Hook. f., Fl. Brit. India 7: 158. 1896.

var. *laevis*.
Throughout India.

var. *cochinchinensis* (Lour.) Koning & Sosef in Blumea 31: 286. 1986.

Phleum cochinchinensis Lour., Fl. Cochinch. 46. 1790.

Heteropholis cochinchinensis (Lour.) W.D. Clayton in Kew Bull. 35: 816. 1981; Koning et al. in Gard. Bull. Sing. 36: 147. 1983.

Ophiuros monostachyus J.S. ex C.B. Presl, Rel. Haenk. 1: 330. 1830.

Thaumasochloa cochinchinensis (Lour.) C.E. Hubb. in Hook., l.c. Pl. 34: t. 3313, 3314. 1936; Bor, Grass. Ind. 247. 1960.
N. & E. India.

MUHLENBERGIA Schreb., Gen. 44. 1789.

Muhlenbergia duthieana Hack. in Ost. Bot. Z. 52: 11. 1902; Bor, Grass. Ind. 401. 1960.

Muhlenbergia sylvatica Hook. f., Fl. Brit. India 7: 259. 1896 non Torr. 1834.
W. to C. Himalaya.

Muhlenbergia himalayensis Hack. ex Hook. f., Fl. Brit. India 7: 259. 1896; Bor, Grass. Ind. 401. 1960.

W. Ghats, N.W. to C. Himalaya.

Muhlenbergia huegelli Trin. in Mem. Acad. Sci. Petersb. 6, 6: 293. 1841; Bor, Grass. Ind. 401. 1960.

Muhlenbergia viridissima Nees ex Steud., Syn. Pl. Glum. 1: 178. 1854; Hook. f., Fl. Brit. India 7: 259. 1896.

Tropical Himalaya, N.E. India.

Muhlenbergia mexicana (L.) Trin., Gram. Unifl. 189. 1824; Bor, Grass. Ind. 402. 1960.

Agrastis mexicana L., Mant. Pl. 1: 31. 1767.
Escape from cultivation, found at Kaulagarh, Dehradun.

MYRIOSTACHYA (Bth.) Hook. f., Fl. Brit. India 7: 327. 1896.

ERAGROSTIS sect. *MYRIOSTACHYA* Bth. in J. Linn. Soc. 19: 117. 1881.

Myriostachya wightiana (Nees ex Steud.) Hook. f., Fl. Brit. India 7: 327. 1896; Bor, Grass. Ind. 518. 1960.

Leptochloa wightiana Nees ex Steud., Syn. Pl. Glum. 1: 209. 1854.

Marshes and coasts of S. & E. India.

NEYRAUDIA Hook. f., Fl. Brit. India 7: 305. 1896.

Neyraudia arundinacea (L.) Henr. in Meded. Herb. Leiden no. 58: 8. 1929 in Obs.; Bor, Grass. Ind. 518. 1960.

Aristida arundinacea L., Mant. Pl. Art. 186. 1771.

Arundo madagascariensis Kunth, Rev. Gram. 1: 273, t. 48. 1830.

Neyraudia madagascariensis (Kunth) Hook. f., Fl. Brit. India 7: 305. 1896.

S. & N.W. India, W. to C. Himalaya.

Neyraudia reynaudiana (Kunth) Keng ex Hitchc. in Amer. J. Bot. 21: 131. 1934; Bor, Grass. Ind. 518. 1960.

Arundo reynaudiana Kunth, Rev. Gram. 1: 275, t. 49. 1830.

Neyraudia madagascariensis var. *zollingeri* Hook. f., Fl. Brit. India 7: 305. 1896.

E. & N.E. India, E. to C. Himalaya.

OCHTHOCHLOA Edgew. in J.Asiat. Soc. Beng. 11: 26. 1842.

Ochthochloa compressa (Forssk.) Hilu in Kew Bull. 36: 559. 1981.

Panicum compressum Forssk., Fl. Aeg.-Arab. 18. 1775.

Eleusine flagellifera Nees in Linnaea 16:220. 1842; Hook.f., Fl. Brit. India 7: 294. 1896.

Eleusine compressa (Forssk.) Aschers. & Schweinf. ex C. Chr. in Dansk. Bot. Arkiv. 4, no. 3, 12. 1922; Bor, Grass. Ind. 492. 1960. N.W.India.

OPHIUIROS Gaertn. f., Fruct. 3: 3. 1805.

Ophiuros bombaiensis Bor in Kew Bull. 1951:167. 1951 & Grass. Ind. 198. 1960. Endemic in Peninsular India.

Ophiuros exaltatus (L.) O. Ktze., Rev. Gen. Pl. 2: 780. 1891; Bor, Grass. Ind. 199. 1960.

Aegilops exaltata L., Mant. 2: 575. 1771.

Ophiuros corymbosus Gaertn. f., Fruct. 3:4, t. 181. 1805; Hook. f., Fl. Brit. India 7: 160. 1896.

Peninsular & N.E. India, drier parts of Himalaya.

Ophiuros megaphyllus Stapf ex Haines, Bot. Bih. Orissa 1058. 1924 (3: 1106. 1961, Repr. ed.); Bor, Grass. Ind. 199. 1960. E.India.

Ophiuros papillosus Hochst. in Flora 27: 248. 1844; Bor, Grass.Ind. 199. 1960. India.

OPLISMENUS P.Beauv.,FLOWare 2: 14.1810.

Oplismenus burmannii (Retz.) P. Beauv., Ess. Agront. 54, 168, 169. 1812; Hook. f., Fl. Brit. India 7: 68. 1896; Bor, Grass. Ind. 317. 1960.

Panicum burmannii Retz.,Obs. Bot. 3: 10. 1783. Plains of India, Andaman & Nicobar Islands.

Oplismenus compositus (L.) P. Beauv., Ess. Agront. 54, 168, 169. 1812; Hook. f., Fl. Brit. India 7: 66. 1896; Bor, Grass. Ind. 317.1960.

Panicum compositum L., Sp. Pl. 57. 1753. Throughout India.

Oplismenus undulatifolius (Ard.) R. & S., Syst. Veg. 2: 482. 1817 non P. Beauv. 1812 (nom.nud); Hook. f., Fl. Brit. India 7: 66. 1896; Bor, Grass. Ind. 318. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 186. 1982.

Panicum undulatifolium Ard., Animad. Spec. Alt. 14: t. 4. 1764.

Hills of S. India, N.E. India, Temperate W. to C. Himalaya.

ORINUS Hitchc. in J. Wash. Acad. Sci. 23: 136. 1933.

Orinus thoroldii (Stapf ex Hemsl.) Bor in Kew Bull. 1951: 454. 1952 & Grass. Ind. 519. 1960.

Diplachne thoroldii Stapf ex Hemsl.in J. Linn. Soc. 30: 121. 1894.

Orinus arenicola Hitchc. in J.Wash. Acad. Sci. 23: 136. 1933. N.W.Himalaya.

OROPETIUM Trin., Fund. Agront. 98. 1822.

Oropetium roxburghianum (Steud.) S.M. Phillips in Kew Bull. 30: 469. 1975.

Lepturus roxburghianus Steud., Syn. Pl. Glum.1: 357. 1854; Hook. f., Fl. Brit. India 7: 365. 1896.

Tripogon roxburghianus (Steud.) Bhide in J. Proc. Asiat. Soc. Beng. 1911 (n.s.) 7: 515. 1912; Bor, Grass. Ind. 524. 1960. Endemic in Peninsular India.

Oropetium thomaeum (L.f.) Trin., Fund. Agront. 98, t. 3. 1822; Hook. f., Fl. Brit. India 7: 366. 1896; Bor, Grass. Ind. 474. 1960.

Nardus thomaea L.f., Suppl. Pl. 105. 1781. Throughout India.

Oropetium villosulum Stapf ex Bor in Kew Bull. 1949: 571. 1950 & Grass. Ind. 474. 1960. Endemic in Peninsular to C.India.

ORYZA L., Sp. Pl. 333. 1753.

Oryza australiensis Domin in Bibl. Bot. 85: 333. 1915; Bor, Grass. Ind. 602. 1960. Introduced.

- Oryza brachyantha* A. Chev. & Roehr. in Compt. Rend. Acad. Sci. 159: 561. 1914; Bor, Grass. Ind. 604. 1960. Introduced.
- Oryza breviligulata* A. Chev. & Roehr. in Compt. Rend. Acad. Sci. 159: 560. 1914; Bor, Grass. Ind. 604. 1960. Introduced.
- Oryza glaberrima* Steud., Syn. Pl. Glum. 1: 3. 1854; Bor, Grass. Ind. 604. 1960. Introduced.
- Oryza grandiglumis* (Doell) Proehl in Bot. Arch. 1: 233. 1922; Bor, Grass. Ind. 604. 1960.
- Oryza sativa* L. var. *grandiglumis* Doell in Mart., Fl. Bras. 2, 2: 8. 1871. Introduced.
- Oryza indandamanica* Ellis in Bull. Bot. Surv. India 27: 225, f. 7, photo 1. (1985) 1987. Andaman Islands.
- Oryza jeyporensis* Govindaswami & Krishnamurthy in Sci. & Cult. 24: 234. 1958; Bor, Grass. Ind. 606. 1960. Endemic in Orissa.
- Oryza latifolia* Desv. in J. Bot. 1: 77. 1813; Bor, Grass. Ind. 605. 1960. Introduced.
- Oryza meyeriana* ssp. *granulata* (Nees & Arn. ex Hook. f.) Tateoka in Bot. Mag. 75: 460. 1962.
- Oryza granulata* Nees & Arn. ex Hook. f., Fl. Brit. India 7: 93. 1896; Bor, Grass. Ind. 604. 1960.
- Oryza meyeriana* sensu C.E.C. Fischer in Gamble, Fl. Pres. Madras 1845. 1934 (3: 1276. 1967, Repr. ed.) non Baill. 1894. S., E. & N.E. India, E. Himalaya.
- Oryza minuta* J.S. ex C.B. Presl, Rel. Haenk. 1: 208. 1830; Bor, Grass. Ind. 605. 1960. E. to C. Himalaya, N.E. India.
- Oryza nivara* Sharma & Shastri in Ind. J. Genet. & Pl. Breed. 25: 161. 1965.
- Oryza sativa* L. var. *fasua* Prain, Bengal Pl. 2: 1184. 1903 p.p. Madhya Pradesh, Maharashtra.
- Oryza officinalis* Wall. ex Watt, Dict. Econ. Prod. India 5: 501. 1891.
- Oryza latifolia* Hook. f., Fl. Brit. India 7: 92. 1896 non Desv. 1813.
- Oryza minuta* sensu Bor, Grass. Ind. 605. 1960, p.p. non J. S. ex C.B. Presl, 1830.
- ssp. *officinalis*.
N.E. & S. India, E. Himalaya.
- ssp. *malampuzhaensis* (Krishnasw. & Chandrasek.) Tateoka in Bot. Mag. Tokyo 75: 422. 1962.
- Oryza malampuzhaensis* Krishnasw. & Chandrasek. in Madras Agric. J. 45: 471. 1958; Bor, l.c. 606.
Endemic in S. India.
- Oryza rufipogon* Griff., Notul. 3: 5. 1851; Bor, Grass. Ind. 605. 1960; Sharma & Shastri in Ind. J. Genet. & Pl. Breed. 25: 157. 1965. Peninsular, E. & N. E. India.
- Oryza sativa* L., Sp. Pl. 333. 1753; Hook. f., Fl. Brit. India 7: 92. 1896; Bor, Grass. Ind. 605. 1960.
- var. *sativa*.
Cultivated all over India.
- var. *plena* Prain, Bengal Pl. 2: 1184. 1903 (2: 891. 1963, Repr. ed); Bor, l.c. 606.
- Oryza plena* (Prain) Chowdhury in Indian Forester 75: 497. 1949.
E. India.

OTTOCHLOA Dandy in J. Bot. 69: 54. 1931.

Ottlochloa nodosa (Kunth) Dandy in J. Bot. 69: 55. 1931; Bor, Grass. Ind. 318. 1960.

Panicum nodosum Kunth, Enum. Pl. 1: 97. 1833; Hook. f., Fl. Brit. India 7: 43. 1896. S., E. & N.E. India.

PANICUM L., Sp. Pl. 55. 1753.

Panicum antidotale Retz., Obs. Bot. 4: 17. 1786; Hook. f., Fl. Brit. India 7: 52. 1896; Bor, Grass. Ind. 322. 1960.
N.W. India, Upper Gangetic plain southwards.

Panicum atrosanguineum Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 375. 1851; Bor, Grass. Ind. 322. 1960.

Panicum hydaspicum Edgew. in J. Linn. Soc. 6: 207. 1862; Hook. f., Fl. Brit. India 7: 48. 1896. C. to N.W. India.

Panicum auritum Presl ex Nees, Agrost. Bras. 176.1829; Hook. f., Fl. Brit. India 7: 40. 1896; Bor, Grass. Ind. 324. 1960. E. & N. E. India, Andaman & Nicobar Islands.

Panicum bisulcatum Thunb. in Nov. Act. Soc. Sc. Upsal. 7: 141. 1815; Bor, Grass. Ind. 324. 1960.

Panicum acroanthum Steud., Syn. Pl. Glum. 1: 87. 1854; Hook. f., Fl. Brit. India 7: 52. 1896. N.E. India.

Panicum brevifolium L., Sp. Pl. 59. 1753; Bor, Grass. Ind. 324. 1960.

Panicum ovalifolium Poir. in Lam., Encycl. 4: 279. 1816; Hook. f., Fl. Brit. India 7: 44. 1896. S. & N.E. India, E. Himalaya.

Panicum cambogiense Balansa in Morot, J. de Bot. 4: 142. 1890; Bor, Grass. Ind. 325. 1960.

Panicum caesium Nees in Hook., Kew J. Bot. 2: 97. 1850 non Nees 1836; Hook. f., Fl. Brit. India 7: 48. 1896. E. & N. E. India, Nicobar Islands.

Panicum coloratum L., Mant. Prim. 30. 1767; Bor, Grass. Ind. 325. 1960. Introduced.

Panicum deccanense Naik & Patunkar in Reinwardtia 9: 405. 1980. W. India.

Panicum elegantissimum Hook. f., Fl. Brit. India 7: 52. 1896; Bor, Grass. Ind. 325. 1960; Banerjee in J. Bombay nat. Hist. Soc. 68: 494. 1971. E. India. (Identity doubtful, see Uniyal, B.P. & B.C. Banerjee in J. Econ. Tax. Bot. 6: 708. 1985).

Panicum fischeri Bor in Kew Bull. 1956: 257. 1956 & Grass. Ind. 325. 1960. Endemic, S. India

Panicum garadel Raghavan & Karthik in Bull. Bot. Surv. India 24: 146. (1982) 1983. S.India.

Panicum gardneri Thw., Enum. Pl. Zeyl. 359. 1864; Bor, Grass. Ind. 326. 1960.

Isachne gardneri (Thw.) Bth. in Bth. & Hook. f., Gen. Pl. 3: 1100. 1883; Hook. f., Fl. Brit.

India 7: 26. 1896. S. India.

Panicum hypothyrix K. Schum. in Engl., Pflanzenw. Ost-Afr. C. 103. 1895; Bor, Grass. Ind. 326. 1960.

Isachne obscurans Woodrow in Gard. Chron. 3. 23: 161. 1898.

Panicum obscurans (Woodrow) Stapf in J. Bombay nat. Hist. Soc. 13: 434. 1901. W. India.

Panicum humidorum Buch-Ham. ex Hook. f., Fl. Brit. India 7: 53. 1896; Bor, Grass. Ind. 326. 1960. N.E. India.

Panicum incisum Munro ex C.B.Clin J. Linn. Soc. 25: 84, t. 33. 1890; Hook. f., Fl. Brit. India 7: 51. 1896; Bor, Grass. Ind. 326. 1960. Endemic in N.E.India.

Panicum incomtum Trin., Gram. Panic. 200. 1826; Bor, Grass. Ind. 326. 1960.

Panicum sarmentosum Hook. f., Fl. Brit. India 7: 54. 1896 non Roxb. 1820. N.E. India.

Panicum johnii S.M. Almeida in J. Bombay nat. Hist. Soc. 83: 184, t. 1. f.1. 1986. Maharashtra.

Panicum khasianum Munro ex Hook. f., Fl. Brit. India 7: 54. 1896; Bor, Grass. Ind. 327. 1960. E. Himalaya, N.E. India.

Panicum laevifolium Hack. in Bull. Herb. Boiss. 3: 378. 1895; Bor, Grass. Ind. 327. 1960. Introduced.

Panicum maximum Jacq., Ic. Pl. Rar. 1: t. 13. 1781-86 & Coll. Bot. 1: 76. 1786; Hook. f., Fl. Brit. India 7: 49. 1896; Bor, Grass. Ind. 327. 1960.

Panicum maximum ssp. *pubescens* M. Sharma in J. Econ. Tax. Bot. 7: 106, f. 1. 1985. Cultivated and naturalised.

Panicum millaceum L., Sp. Pl. 58. 1753; Hook. f., Fl. Brit. India 7: 45. 1896; Bor, Grass. Ind. 327. 1960. Throughout the hotter parts of India (cultivated or naturalized).

Panicum nehruense Jauhar & Joshi in Bull. Bot. Surv. India 8: 97. 1966. N.W.India.

- Panicum notatum* Retz., Obs. Bot. 4: 18. 1786; Bor, Grass. Ind. 701. 1960.
- Panicum montanum* Roxb., Fl. Ind. 1: 315. 1820; Hook. f., Fl. Brit. India 7: 33. 1896. Hotter hilly parts of India.
- Panicum palanum* Naik & Patunkar in Reinwardtia 9: 407. 1980.
- var. *palanum*. W. India.
- var. *minor* Naik & Patunkar in Reinwardtia 9: 409. 1980. W. India.
- Panicum paludosum* Roxb., Fl. Ind. 1: 310. 1820; Bor, Grass. Ind. 329. 1960.
- Panicum proliferum* sensu Hook. f., Fl. Brit. India 7: 30. 1896 non Lam. 1797. Marshes and still waters throughout the low countries of India.
- Panicum pholniclados* Naik & Patunkar in Reinwardtia 9: 403. 1980. W. India.
- Panicum psilopodium* Trin., Gram. Panic. 217. 1826; Hook. f., Fl. Brit. India 7: 46. 1896; Bor, Grass. Ind. 329. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 170. 1982.
- Panicum psilopodium* var. *coloratum* Hook. f., l.c. 47; Bor, l.c. 330.
- Panicum sumatrense* ssp. *psilopodium* (Trin.) de Wet in J d'Agric. Trad. et de Bota. Appl. 30 (2): 162. 1983. Hotter parts of India.
- Panicum repens* L., Sp. Pl. ed. 2. 87. 1762; Hook. f., Fl. Brit. India 7: 49. 1896; Bor, Grass. Ind. 330. 1960. Throughout the hotter parts of India, Andaman & Nicobar Islands.
- Panicum sarmentosum* Roxb., Fl. Ind. 1: 311. 1820; Bor, Grass. Ind. 330. 1960. Introduced into Indian Botanic Garden, Howrah, naturalised.
- Panicum sparsicolum* Nees ex Steud., Syn. Pl. Glum. 1: 83. 1854; Hook. f., Fl. Brit. India 7: 58. 1896; Bor, Grass. Ind. 330. 1960. S.India.
- Panicum sumatrense* Roth ex R. & S., Syst. Veg. 2: 434. 1817; Bor, Grass. Ind. 701. 1960.
- Panicum miliare* Lam., Ill. 1: 173. 1791; Hook. f., Fl. Brit. India 7: 46. 1896. Throughout the hotter parts of India.
- Panicum trypheron* Schult., Syst. Veg. 2, Mant. 244. 1824; Hook. f., Fl. Brit. India 7: 47. 1896; Bor, Grass. Ind. 331. 1960. Gangetic Plain to E.India and southwards.
- Panicum turgidum* Forssk., Fl. Aeg.-Arab. 18. 1775; Hook. f., Fl. Brit. India 7: 44. 1896; Bor, Grass. Ind. 331. 1960. W.,C. & N.W.India.
- Panicum virgatum* L., Sp. Pl. 59. 1753; Bor, Grass. Ind. 331. 1960. Introduced.
- Panicum walense* Mez in Bot. Jahrb. 34: 146. 1904 ("watense"); T.A. Cope in Nasir & Ali, Fl. Pak. 143: 166. 1982.
- Panicum humile* Nees ex Steud., Syn. Pl. Glum. 1: 84. 1854 non Thunb. ex Trin., 1826; Hook. f., Fl. Brit. India 7: 48. 1896.
- Panicum austroasiaticum* Ohwi in Act. Phytotax. Geobot. 2: 45. 1942; Bor, Grass. Ind. 324. 1960. Throughout India.
- PARACOLPODIUM** (Tzvelev) Tzvelev in Tzvelev et Bolkhovskikh, Bot. Zurn. (Moscow & Leningrad) 50: 1320. 1965.
- COLPODIUM** Subg. **PARACOLPODIUM** Tzvelev in Nov. Syst. Pl. Vasc. 1964: 9. 1964.
- Paracolpodium alticum* (Trin.) Tzvelev ssp. *leucolepis* (Nevski) Tzvelev in Nov. Sist. Vyssh. Rast. 1966: 33. 1966; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 427. 1982.
- Colpodium leucolepis* Nevski in Bull. Soc. Nat. Moscow 43: 224. 1934. N.W.Himalaya.
- PARAHYPARRHENIA** A. Camus in Bull. Mus. Hist. Nat. (Paris) 2, 22: 404. 1950.
- Parahyparrhenia bellariensis* (Hack.) W.D. Clayton in Kew Bull. 27: 448. 1972.
- Andropogon bellariensis* Hack. in Flora 68: 124. 1885; Hook. f., Fl. Brit. India 7: 201. 1896.
- Heteropogon bellariensis* (Hack.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1744. 1934 (3: 1208. 1967, Repr. ed.); Bor, Grass. Ind. 163.

1960.

Endemic in Peninsular India.

PARAPHOLIS C.E. Hubb. in *Blumea*, Suppl. 3: 14. 1946.

Parapholis incurva (L.) C.E. Hubb. in *Blumea*, Suppl. 3: 14. 1946; Bor, *Grass. Ind.* 595. 1960.

Aegilops incurva L., *Sp. Pl.* 1051. 1753.

N.W.India.

PASPALIDIUM Stapf in *Prain*, *Fl. Trop. Afr.* 9: 582. 1920.

Paspalidium flavidum (Retz.) A. Camus in *Lecomte, Fl. Gen. de l' Indo-Chine* 7: 419. 1922; Bor, *Grass. Ind.* 333. 1960.

Panicum flavidum Retz., *Obs. Bot.* 4: 15. 1786; Hook. f., *Fl. Brit. India* 7: 28. 1896.

Plains of India, Andaman & Nicobar Islands.

Paspalidium geminatum (Forssk.) Stapf in *Prain*, *Fl. Trop. Afr.* 9: 583. 1920; Bor, *Grass. Ind.* 333. 1960.

Panicum geminatum Forssk., *Fl. Aeg.-Arab.* 18. 1775.

Panicum paspaloides Pers., *Syn. Pl.* 1: 81. 1805; Hook. f., *Fl. Brit. India* 7: 30. 1896.

Throughout plains of India.

Paspalidium punctatum (Burm.f.) A. Camus in *Lecomte, Fl. Gen. de l' Indo-Chine* 7: 419. 1922; Bor, *Grass. Ind.* 333. 1960.

Panicum punctatum Burm. f., *Fl. Ind.* 26. 1768; Hook. f., *Fl. Brit. India* 7: 29. 1896.

Throughout India.

PASPALUM L., *Syst. Nat.* ed. 10: 855, 1359. 1759.

Paspalum canaræ (Steud.) Veldk. in *Blumea* 21: 72. 1973.

Panicum canaræ Steud., *Syn. Pl. Glum.*: 58. 1853.

Paspalum compactum auct. non Roth ex R. & S. 1817; Hook. f., *Fl. Brit. India* 7: 12. 1896; Bor, *Grass. Ind.* 336. 1960.

var. *canaræ*.

Peninsular, N.W. & N.E. India.

var. *fimbriatum* (Bor) Veldk. in *Blumea* 21: 72. 1973.

Paspalum compactum var. *fimbriatum* Bor, *Grass. Ind.* 336. 1960.

Endemic in Peninsular India.

Paspalum conjugatum Berg. in *Act. Helvet. Phys. Math.* 7: 129, t.8. 1772; Hook. f., *Fl. Brit. India* 7: 11. 1896; Bor, *Grass. Ind.* 336. 1960.

Supposed to be an adventive species; Peninsular & E.India; Andaman & Nicobar Islands.

Paspalum convexum Humb. & Bonpl. in *Fluegge, Monogr. Pasp.* 175. 1810; Bor, *Grass. Ind.* 338. 1960.

Introduced.

Paspalum dilatatum Poir. in *Lam., Encycl.* 5: 35. 1804; Bor, *Grass. Ind.* 338. 1960.

Introduced.

Paspalum longifolium Roxb., *Fl. Ind.* 1: 283. 1820; Bor, *Grass. Ind.* 339. 1960.

var. *longifolium*.

N.E. India.

var. *loritachis* Bor, *Fl. Assam* 5: 253. 1940 & *l.c.* 339.

Endemic in N.E. India

Paspalum notatum Fluegge, *Monogr. Pasp.* 106. 1810; Bor, *Grass. Ind.* 339. 1960.

Introduced.

Paspalum paspalodes (Michx.) Scribner in *Mem. Torr. bot. Cl.* 5: 29. 1894 ('*paspaloides*'); Bor, *Grass. Ind. App. II.* 1973 (Repr.ed).

Digitaria paspalodes Michx., *Fl. Bor. Am.* 1: 46. 1803.

Paspalum distichum auct. non L. 1759, *nom. confus.*; Hook. f., *Fl. Brit. India* 7: 12. 1896; Bor, *Grass. Ind.* 338. 1960.

N.W. to E.India and southwards, Andaman Islands.

Paspalum plicatulum Michx., *Fl. Bor. Am.* 1: 45. 1803; Bor, *Grass. Ind.* 340. 1960.

Introduced.

Paspalum scrobiculatum L., *Mant. Pl.* 1: 29. 1767; Hook. f., *Fl. Brit. India* 7: 10. 1896; Bor, *Grass. Ind.* 340. 1960; W.D. Clayton in *Kew Bull.* 30: 101. 1975.

Paspalum orbiculare Forst., *Fl. Insul. Austr. Prodr.* 7. 1786; Bor, *l.c.* 340.

Paspalum commersonii Lam., Ill. 1: 175, t. 43, f. 1. 1791; Bor, l.c. 335.

Paspalum cartilagineum J.S. ex C.B. Presl, Rel. Haenk. 1: 216. 1830; Bor, l.c. 335.

var. *scrobiculatum*.

Throughout India.

var. *auriculatum* (K.B.Presl) Merr. in Philipp. J. Sci. 1(Suppl): 345. 1906; Koning & Sosef in Blumea 30: 304. 1985.

Paspalum auriculatum K.B. Presl, Rel. Haenk. 1: 217. 1830.

Cult. & escape.

var. *horneri* (Henz.) Koning & Sosef in Blumea 30: 307, f. 2. 1985.

Paspalum horneri Henz. in Blumea 1: 306, f. 2. 1935.

N.E. India.

Paspalum urvillei Steud., Syn. Pl. Glum. 1: 24. 1854; Bor, Grass. Ind. 341. 1960.

Introduced.

Paspalum vaginatum Swartz, Prodr. Veg. Ind. Occ. 21. 1788; Bor, Grass. Ind. 341. 1960.

Peninsular India. Gangetic Plain. Andaman & Nicobar Islands.

PATROPYRUM A. Love in Biol. Zentralbl. 101: 206. 1982.

Patropyrum tauschii (Cosson) A. Love in Biol. Zentralbl. 101: 206. 1982.

Aegilops tauschii Cosson in Not. Pl. Kar. Nouv. 2: 69. (1849) 1850; Bor, Grass. Ind. 654. 1960.

Triticum aegilops sensu Hook. f., Fl. Brit. India 7: 367. 1896 non P. Beauv. 1812.

N.W. Himalaya.

PENNISETUM L.C. Rich. ex Pers., Syn. Pl. 1: 72. 1805.

Pennisetum americanum (L.) K. Schum. in Engl. Pflanzenw. Oest. Afr. B. 5), C. t. 4, f. A. & B. 1895; Bor in Rech. f., Fl. Iran. 70: 503. 1970.

Panicum americanum L., Sp. Pl. 56. 1753.

Alopecurus typhoides Burm. f., Fl. Ind. 27. 1768.

Pennisetum typhoides L.C. Rich. in Pers., Syn. Pl. 1: 72. 1805; Hook. f., Fl. Brit. India 7: 82. 1896.

Pennisetum typhoides (Burm.f.) Stapf & C.E. Hubb. in Kew Bull. 1933: 271. 1933; Bor, Grass. Ind. 350. 1960.

Cultivated.

Pennisetum clandestinum Hochst. ex Chiov. in Ann. Ist. Bot. Roma 8: 41, t. 5, f. 2. 1903; Bor, Grass. Ind. 344. 1960.

Introduced.

Pennisetum divisum (Forssk. ex Gmel.) Henr. in Blumea 3: 162. 1938 in Obs.; Bor, Grass. Ind. 344. 1960.

Panicum divisum Forssk. ex Gmel., Syst. Nat. 2: 156. 1791.

Panicum dichotomum Forssk., Fl. Aeg.-Arab. 20. 1775 non L., 1753.

Pennisetum dichotomum (Forssk.) Del., Fl. d'Egypte 159, t. 8, f. 1. 1813; Hook. f., Fl. Brit. India 7: 85. 1896.

W. to N.W. India.

Pennisetum flaccidum Griseb. in Goett. Nachr. 26. 1868; Hook. f., Fl. Brit. India 7: 84. 1896; Bor, Grass. Ind. 344. 1960.

Temperate and Alpine W. to C. Himalaya.

Pennisetum glaucum (L.) R. Br., Prodr. 1: 195. 1810; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 234. 1982.

Panicum glaucum L., Sp. Pl. 56. 1753.

Setaria glauca (L.) P. Beauv., Ess. Agrost. 51. 169. 178. 1812; Hook. f., Fl. Brit. India 7: 78. 1896; Bor, Grass. Ind. 360. 1960.

Throughout India in cultivated ground.

Note: For discussion on nomenclature, see Terrell in Taxon 25: 297-304, 1976.

Pennisetum hohenackeri Hochst. ex Steud., Syn. Pl. Glum. 1: 103. 1854; Bor, Grass. Ind. 344. 1960.

Pennisetum alopecurus Steud., l.c. 102, non Jacq. 1844; Hook. f., Fl. Brit. India 7: 84. 1896. Peninsular & N.W. India.

Pennisetum hordeoides (Lam.) Steud., Syn. Pl. Glum. 1: 103. 1854; Bor, Grass. Ind. 345. 1960.

Panicum hordeoides Lam., Ill. 1: 170. 1791.

Pennisetum parviflorum Trin., Gram. Panic. 65.

1826; Hook. f., Fl. Brit. India 7: 86. 1896.
N.W. to E.India.

Pennisetum lanatum Klotzsch in Bot. Erg. Waldem. Reise 65, t. 99. 1862; Hook. f., Fl. Brit. India 7: 84. 1896; Bor, Grass. Ind. 345. 1960.
W. Himalaya.

Pennisetum mezlanum Leake in Z. Naturwiss. 79:39. 1907; Bor, Grass. Ind. 345. 1960.
Introduced.

Pennisetum orientale L.C. Rich. in Pers., Syn. Pl. 1: 72. 1805; Hook. f., Fl. Brit. India 7: 86. 1896; Bor, Grass. Ind. 345. 1960.
Throughout India.

Pennisetum pedicellatum Trin. in Mem. Acad. Sci. Petersb. 6, 3: 184. 1834; Hook. f., Fl. Brit. India 7: 86. 1896; Bor, Grass. Ind. 346. 1960.
Peninsular, N.W. & E. India.

Pennisetum polystachion (L.) Schull, Syst. Veg. Mant. 2: 146. 1824; Bor, Grass. Ind. 346. 1960.

Panicum polystachion L., Syst. Nat. ed. 10. 2: 870. 1759.
Peninsular, C. & E. India.

Pennisetum purpureum Schumacher, Beskr. Guin. Pl. 44. 1827; Bor, Grass. Ind. 348. 1960.
Introduced for fodder.

Pennisetum ramosum (Hochst.) Schweinf., Beitr. Fl. Aethiop. 301. 1867; Bor, Grass. Ind. 348. 1960.

Gymnothrix ramosa Hochst. in Flora 27: 252. 1844.
Introduced.

Pennisetum setosum (Swartz) L.C. Rich. in Pers., Syn. Pl. 1: 72. 1805; Hook. f., Fl. Brit. India 7: 87. 1896; Bor, Grass. Ind. 348. 1960.

Cenchrus setosus Swartz, Prodr. Veg. Ind. Occ. 26. 1788.
Introduced.

Pennisetum triflorum Nees ex Steud., Syn. Pl. Glum. 1: 107. 1854; Bor in Rech. f., Fl. Iran. 70: 503. 1970.

Pennisetum orientale var. *triflorum* (Nees ex Steud.) Stapf ex Hook. f., Fl. Brit. India 7: 86. 1896.
W. Himalaya.

Pennisetum villosum R. Br. ex Fresen. in Mus.

Senckenb. 2: 134. 1837; Bor, Grass. Ind. 351. 1960.
Introduced and naturalised.

PEROTIS Ait., Hort. Kew. 1: 85; 3: 506. 1789.

Perotis hordeiformis Nees in Hook. & Arn., Bot. Beech. Voy. 247, 248. 1838; Bor, Grass. Ind. 611. 1960.
N.W. to E.India.

Perotis indica (L.) O. Ktze., Rev. Gen. Pl. 2: 787. 1891; Bor, Grass. Ind. 611. 1960.

Anthoxanthum indicum L., Sp. Pl. 28. 1753.

Perotis latifolia Ait., Hort. Kew. 1: 85. 1789; Hook. f., Fl. Brit. India 7: 98. 1896.
Plains of India.

PHACELURUS Griseb., Spicil. Fl. Rumel. 2: 423. 1846.

Phacelurus speciosus (Steud.) C.E. Hubb. in Kew Bull. 1928: 35. 1928; Bor, Grass. Ind. 199. 1960.

Andropogon speciosus Steud., Syn. Pl. Glum. 1: 375. 1854.

Rottboellia speciosa (Steud.) Hack. in DC., Monogr. Phan. 6: 282. 1889.

Ischaemum robustum Hook. f., Fl. Brit. India 7: 139. 1896.
N.W. India, W. to C. Himalaya.

Phacelurus zea (C.B.Cl.) W.D. Clayton in Kew Bull. 33: 177. 1978.

Rottboellia zea C. B. Cl. in J. Linn. Soc. 25: 86, f. 35. 1889; Hook. f., Fl. Brit. India 7: 152. 1896.

Thyrsia zea (C.B.Cl.) Stapf in Hook., Ic. Pl. sub L. 3078. 1922; Bor, Grass. Ind. 255. 1960.
E. & N.E.India.

PHAENOSPERMA Munro ex Bth. in J. Linn. Soc. 19: 59. 1881.

Phaenosperma globosum Munro ex Oliver in Hook., Ic. Pl. Sub t. 1991. 1891; Bor, Grass. Ind. 614. 1960.
N.E. India, E. Himalaya.

PHALARIS L., Sp. Pl. 54. 1753.

Phalaris aquatica L., Amoen. Acad. 4: 264. 1755; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 495. 1982.

Phalaris tuberosa L., Mant. 2: 557. 1771; Bor, Grass. Ind. 616. 1960.

For Bor's view on the nomenclature of this species see Rech. f., Fl. Iran. 70: 348-349. 1970.

Cultivated in India.

Phalaris arundinacea L., Sp. Pl. 55. 1753; Hook. f., Fl. Brit. India 7: 221. 1896; Bor, Grass. Ind. 615. 1960.

Phalaroides arundinacea (L.) Rauschert in Fedde, Repert. 79: 409. 1969; Shukla & Jain in Bull. Bot. Surv. India 20: 67(1978). 1979. N.W. to C. Himalaya.

Phalaris canariensis L., Sp. Pl. 54. 1753; Bor, Grass. Ind. 616. 1960. Introduced.

Phalaris minor Retz., Obs. Bot. 3: 8. 1783; Hook. f., Fl. Brit. India 7: 221. 1896; Bor, Grass. Ind. 616. 1960.

var. *minor*.
W. to C. Himalaya.

var. *nepalensis* (Trin.) Bor, Grass. Ind. 616. 1960.

Phalaris nepalensis Trin., Sp. Gram. Ic. t. 80. 1828. N.W. to C. Himalaya.

Phalaris paradoxa L., Sp. Pl. ed. 2. 1665. 1753; Bor, Grass. Ind. 616. 1960. Introduced in N.W. India.

PHIPPSIA (Trin.) R. Br., Chlor. Melv. 27. 1823.

VILFA subg. *PHIPPSIA* (sic.) Trin. in Spr., Neue Entdeck. Pflanzenk. 2: 37. 1820.

Phippsia algida (Soland.) R. Br. in Parry, J. Voy. N.W. Pass., Suppl. App. 284. 1824; Roy in Bull. Bot. Surv. India 24: 229.(1982) 1983.

Agrostis algida Soland., Phipps Voy. 200. 1774. N. India.

PHLEUM L., Sp. Pl. 59. 1753.

Phleum alpinum L., Sp. Pl. 59. 1753; Hook. f., Fl. Brit. India 7: 236. 1896; Bor, Grass. Ind. 402. 1960.

Temperate and sub- alpine Himalaya.

Phleum himalaleum Mez in Fedde, Repert. 17: 293. 1921; Bor, Grass. Ind. 402. 1960.

Phleum arenarium var. *thomsonii* Griseb. in Goett. Nachr. 83. 1868.

Phleum arenarium sensu Hook. f., Fl. Brit. India 7: 237. 1896 non L., 1753. N.W. Himalaya.

Phleum paniculatum Huds., Fl. Angl. 23. 1762; Bor, Grass. Ind. 403. 1960.

Phleum asperum Jacq., Coll. 1: 110. 1786; Hook. f., Fl. Brit. India 7: 237. 1896. N.W. India.

Phleum pratense L., Sp. Pl. 59. 1753; Bor, Grass. Ind. 403. 1960. Introduced.

PHRAGMITES Adans., Fam. 2: 34. 1763.

Phragmites australis (Cav.) Trin. ex Steud., Nom. Bot. ed. 2. 324. 1841; W.D. Clayton in Taxon 17: 168. 1968; T.A.Cope in Nasir & Ali, Fl. Pak. 143: 25. 1982.

Arundo australis Cav. in Anales Hist. nat. Madrid 1: 100. 1799.

Phragmites communis Trin., Fund. Agrost. 134. 1820; Hook. f., Fl. Brit. India 7: 303. 1896; Bor, Grass. Ind. 416. 1960.

Phragmites communis var. *stenophylla* Boiss., Fl. Orient. 5: 563. 1884; Bor, l.c. 416.

Phragmites australis var. *stenophylla* (Boiss.) Jain & Doli Das in Indian Forester 99: 575. 1973. N.W. to C. Himalaya.

Phragmites karka (Retz.) Trin. ex Steud., Nom. Bot. ed. 2. 2: 324. 1841; Hook. f., Fl. Brit. India 7: 304. 1896; Bor, Grass. Ind. 416. 1960.

Arundo karka Retz., Obs. Bot. 4: 21. 1786.

var. *karka*.
Throughout India.

var. *cinctia* Hook. f., l.c. 305; Bor, l.c. E. & N.E. India.

PIPTATHERUM P. Beauv., Ess. Agrost. 17, 173. 1812.

ORYZOPSIS auct. plur. non Michx. 1803.

Piptatherum aequiglume (Duthie ex Hook. f.) Roshev. in Bot. Mater. Gerb. Bot. Inst. Kom. Akad. Nauk. U.S.S.R. 14: 113. 1951; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 549. 1982.

Oryzopsis aequiglumis Duthie ex Hook. f., Fl. Brit. India 7: 234. 1896; Bor, Grass. Ind. 639. 1960.

Oryzopsis fasciculatum Hack. in Oest. Bot. Z. 52: 10. 1902; Bor, l.c.

Piptatherum aequiglume var. *fasciculatum* (Hack.) Freitag in Notes R. Bot. Gard. Edinb. 33: 379. 1975.

Piptatherum fasciculatum (Hack.) Roshev., l.c. 114. N.W. Himalaya.

Piptatherum gracile Mez in Fedde, Repert. 17: 211. 1921; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 553. 1982.

Oryzopsis lateralis Stapf apud Hook. f., Fl. Brit. India 7: 234. 1896 p.p.; Bor, Grass. Ind. 640. 1960.

Oryzopsis brachyclada Pilger in Notizbl. Bot. Gart. Mus. Berlin 14: 345. 1939; Bor, l.c. 639.

Oryzopsis gracilis (Mez) Pilger, l.c. 347; Bor, l.c. N.W. to C. Himalaya.

Piptatherum hilariae Pazij in Bot. Mater. Gerb. Bot. Akad. Nauk. Uzbek. U.S.S.R. 10: 20. 1948; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 554. 1982.

Oryzopsis humilis Bor in Kew Bull. 1952: 445. 1952 & Grass. Ind. 639. 1960.

Oryzopsis wendelboi Bor in Nytt. Mag. bot. Oslo 1: 16. 1952 & Grass. Ind. 641. 1960.

Piptatherum humile (Bor) Santosh Kumar & Raiz. in Ind. J. For. 9: 177. 1986. N.W. Himalaya.

Piptatherum laterale (Munro ex Regel) Roshev. in Bot. Mater. Gerb. Bot. Inst. Kom. Akad. Nauk. USSR. 14: 117. 1951; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 552. 1982.

Milium laterale Munro ex Regel in Trudy, Imp. S. Petersburgsk Bot. Sada 7: 645. 1880.

Oryzopsis lateralis (Munro ex Regel) Stapf in Hook. f., Fl. Brit. India 7: 234. 1896, p.p. N.W. Himalaya.

Piptatherum munroi (Stapf) Mez in Fedde, Repert. 17: 212. 1921; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 550. 1982.

Oryzopsis munroi Stapf in Hook. f., Fl. Brit. India 7: 234. 1896; Bor, Grass. Ind. 640. 1960.

Oryzopsis newartiana Bor in Kew Bull. 1953: 272. 1953 & l.c. 641. N.W. to C. Himalaya.

Piptatherum vicarium (Grig.) Roshev. in Shishkin, Fl. Kirgiz. USSR 2: 64. 1950; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 548. 1982.

Oryzopsis vicaria Grig. in Trudy Tadz. Bat. Akad. Nauk SSSR 8: 574. 1938.

Oryzopsis microcarpa Pilger in Notizbl. Bot. Gart. Mus. Berlin 14: 346. 1939; Bor, Grass. Ind. 640. 1960. N.W. Himalaya.

POA L., Sp. Pl. 67. 1753.

Poa atchisonii Boiss., Fl. Orient. 5: 602. 1884; Bor, Grass. Ind. 554. 1960. N.W. India, Himalaya.

Poa alpigena (Blytt) Lindm., Svensk. Phanerogamfl. 91. 1918; Bor, Grass. Ind. 555. 1960.

Poa pratensis L. var. *alpigena* Blytt, Norg. Fl. 130. 1861; Stapf in Hook. f., Fl. Brit. India 7: 340. 1896.

ssp. *alpigena*.
Nepal (likely to be in Sikkim *vide* Bor).

ssp. *staintonii* Melderis in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 143. 1978. Nepal.

Poa alpina L., Sp. Pl. 67. 1753; Stapf in Hook. f., Fl. Brit. India 7: 338. 1896; Bor, Grass. Ind. 555. 1960. W. to C. Himalaya.

Poa annua L., Sp. Pl. 68. 1753; Stapf in Hook. f., Fl. Brit. India 7: 345. 1896; Bor, Grass. Ind. 555. 1960. Hills of South India, throughout the temperate and sub-alpine Himalaya, N.E. India.

Poa arnoldii Melderis in Hara *et al.*, Enum. Fl.

- Poa* Nepal 1:142. 1978.
Nepal.
- Poa asperifolia* Bor in Kew Bull. 1952: 130. 1952 & Grass. Ind. 556. 1960.
Likely to be in Sikkim (*vide* Bor).
- Poa attenuata* Trin. in Mem. Acad. Sci. Petersb. Sav. Erang.2: 327. 1835 & in Bunge, Verz. Suppl. Fl. Alt. 9. 1836; Stapf in Hook. f., Fl. Brit. India 7: 340. 1896; T.A. Cope in Nasir & Ali, Fl. Pak. 143:417. 1982.
N.W. Himalaya.
- Poa bactriana* Roshev. in Not. Syst. Herb. Hort. Petrop.4 :93. 1923; Bor, Grass. Ind. 556. 1960.
ssp. *bactriana*.
N.W. Himalaya.
- ssp. *glabriflora* (Roshev. ex Ovcz.) Tzvelev in Nov. Sist. Vyssh. Rast. 1973: 96. 1973; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 403. 1982.
- Poa glabriflora* Roshev. ex Ovcz. in Izv. Tadzhik. Bazy Bot. 1:10, 14. 1933; Bor, Grass. Ind. 557. 1960.
N.W. Himalaya.
- Poa bulbosa* L., Sp. Pl. 70. 1753; Stapf in Hook. f., Fl. Brit. India 7: 338. 1896; Bor, Grass. Ind. 556. 1960.
var. *bulbosa*.
W. to C. Himalaya.
- var. *vivipara* Koel., Descr. Gram. 189:1802; Bor, *l.c.*
Nepal.
- Poa callopsis* Litw. ex Ovcz. in Izv. Tadzhik. Bazy Bot. 1: 11, 18. 1933; Bor, Grass. Ind. 556. 1960.
W. to C. Himalaya.
- Poa compressa* L., Sp. Pl. 69. 1753; Bor, Grass. Ind. 556. 1960.
N.W. Himalaya.
- Poa x digena* Melderis in Hara *et al.* Enum. Fl. Pl. Nepal 1: 143. 1978.
Nepal.
- Poa eleanorae* Bor in Kew Bull. 1948:142. 1948 & Grass. Ind. 556. 1960.
E. to C. Himalaya.
- Poa falkneri* Hook. f., Fl. Brit. India 7: 342. 1896; Bor, Grass. Ind. 556. 1960.
Alpine meadows in the W. to C. Himalaya.
- Poa gamblei* Bor in Kew Bull. 1948:144. 1948 & Grass. Ind. 556. 1960.
Endemic in Tamil Nadu (Nilgiris).
- Poa gammleana* Hook. f., Fl. Brit. India 7: 345. 1896; Bor, Grass. Ind. 557. 1960.
Endemic in E. Himalaya.
- Poa glauca* Vahl ssp. *iltwinowiana* (Ovcz.) Tzvelev in Nov. Sist. Vyssh. Rast. 1974:32. 1974; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 418. 1982.
- Poa litwinowiana* Ovcz. in Izv. Tadzhik. Bezy Bot. 1: 22. 1933.
N.W. Himalaya.
- Poa himalayana* Nees ex Steud., Syn. Pl. Glum.1: 256. 1854; Stapf in Hook. f., Fl. Brit. India 7: 344. 1896; Bor, Grass. Ind. 557. 1960.
Temperate & Alpine Himalaya.
- Poa hirtiglumis* Hook. f., Fl. Brit. India 7: 343. 1896; Bor in J. Bombay Nat. Hist. Soc. 51: 93, f.1. 1952.
E. to C. Himalaya.
- Poa hyllobates* Bor in Bull. Bot. Surv. India 7:132. 1965.
Nepal.
- Poa imperialis* Bor in Kew Bull. 1957:414. 1958 & Grass. Ind. 557. 1960.
Nepal.
- Poa infirma* H.B.K., Nov. Gen. & Sp. 1: 158. 1816; Bor, Grass. Ind. 557. 1960.
- Catabrosa thomsoni* Stapf in Hook. f., Fl. Brit. India 7: 311. 1896.
Himalaya.
- Poa jaunsarensis* Bor in Kew Bull. 1948: 143. 1948 & Grass. Ind. 557. 1960.
W. to C. Himalaya.
- Poa khasiana* Stapf in Hook. f., Fl. Brit. India 7:343. 1896; Bor, Grass. Ind. 557. 1960.
N.E. India, E. to C. Himalaya.
- Poa koelzli* Bor in Kew Bull. 1948:139. 1948 & Grass. Ind. 557. 1960.
N.W. Himalaya.
- Poa ladakhensis* H. Hartm. in Candollea 39: 510, f.1. 1984.
N.W. Himalaya.
- Poa lahulensis* Bor in Kew Bull. 1948:138. 1948 & Grass. Ind. 558. 1960.
Endemic in N.W. Himalaya.
- Poa langtangensis* Melderis in Hara *et al.*,

Enum. Fl. Pl. Nepal 1: 143. 1978.
Nepal.

Poa ludens R.R. Stewart in *Brittonia* 5:420.
1945; *Bor. Grass. Ind.* 558. 1960.

Poa pseudo-pratensis Hook. f., *Fl. Brit. India* 7:
340. 1896 non Beyer 1891 nec Scribn. & Rydb.
1896.
E. to C. Himalaya.

Poa markgraffii H. Hartm. in *Candollea* 39:
514, f. 2. 1984.
W. Himalaya.

Poa nemoralis L., *Sp. Pl.* 69. 1753; *Stapf* in
Hook. f., Fl. Brit. India 7: 341. 1896; *Bor.*
Grass. Ind. 558. 1960.
Temperate and Alpine Himalaya.

Poa nepalensis (Griseb.) Wall. ex Duthie, *Grass.*
N.W. India 40. 1883; *Bor. Grass. Ind.* 558. 1960.

Poa annua L. var. *nepalensis* Griseb. in
Goett. Nachr. 75. 1868; *Stapf* in *Hook. f., Fl.*
Brit. India 7:346. 1896.
N.W. to C. Himalaya.

Poa nitida-spiculata *Bor* in *Kew Bull.* 1948:
139. 1948 & *Grass. Ind.* 558. 1960.
E. to C. Himalaya.

Poa pagophylla *Bor* in *Kew Bull.* 1949:239.
1949 & *Grass. Ind.* 558. 1960.

Poa flexuosa *Stapf* in *Hook. f., Fl. Brit. India*
7:342. 1896 non J.E. Sm. 1800 nec Wahiib.
1814.
Alpine Himalaya.

Poa palustris L., *Syst. Veg. ed.* 10(2): 874,
1759; *Bor. Grass. Ind.* 559. 1960.
Introduced into Kashmir.

Poa polycodes *Stapf* in *Hook. f., Fl. Brit. India*
7: 342. 1896; *Bor. Grass. Ind.* 559. 1960,
W. to C. Himalaya.

Poa polyneuron *Bor* in *Kew Bull.* 1952: 223.
1952 & *Grass. Ind.* 559. 1960.
Endemic in E. Himalaya.

Poa poophagorum *Bor* in *Kew Bull.* 1948: 143.
1948 & *Grass. Ind.* 559. 1960.
E. to C. Himalaya.

Poa pratensis L., *Sp. Pl.* 67. 1753; *Stapf* in
Hook. f., Fl. Brit. India 7: 339. 1896; *Bor. Grass.*
Ind. 559. 1960.

ssp. *pratensis*.
Introduced into temperate Hills of India.

ssp. *angustifolia* (L.) Gaud., *Agrost. Helv.* 1:
214. 1811; T.A. Cope in *Nasir & Ali, Fl. Pak.*
143: 411. 1982.

Poa angustifolia L., *Sp. Pl.* 67. 1753; *Bor. l.c.*
555.

Poa pratensis var. *angustifolia* (L.) J.E. Sm., *Fl.*
Brit. 105. 1800; *Stapf* in *Hook. f., l.c.* 340.
N.W. to C. Himalaya.

Poa pseudamoena *Bor* in *Kew Bull.* 1953:
276. 1953 & *Grass. Ind.* 559. 1960.

Poa amoena *Bor* in *Kew Bull.* 1948: 140. 1949
non (Presl) Kunth, 1833.
W. Himalaya.

Poa rhodina *Bor* in *Kew Bull.* 1948:138. 1948
& *Grass. Ind.* 560. 1960.
Endemic in Tehri Garhwal.

Poa setulosa *Bor* in *Kew Bull.* 1948: 142. 1948
& *Grass. Ind.* 560. 1960.
N.W. Himalaya.

Poa sikkimensis (*Stapf*) *Bor* in *Kew Bull.* 1952:
130. 1952 & *Grass. Ind.* 560. 1960.

Poa annua L. var. *sikkimensis* *Stapf* in *Hook. f.,*
Fl. Brit. India 7: 346. 1896.
Himalaya.

Poa sinica *Steud., Syn. Pl. Glum.* 1: 256. 1854;
Bor. Grass. Ind. 560. 1960.
W. Himalaya.

Poa stapfiana *Bor* in *Kew Bull.* 1949: 239. 1949
& *Grass. Ind.* 560. 1960.

Poa tremula *Stapf* in *Hook. f., Fl. Brit. India* 7:
344. 1896 non Lam. 1791.

var. *stapfiana*.
N.W. to C. Himalaya.

var. *micranthera* (*Stapf*) *Bor* in *J. Bombay nat.*
Hist. Soc. 60: 827. 1952 & *Grass. Ind.* 560.
1960.

Poa tremula *Stapf* var. *micranthera* *Stapf* in
Hook. f., l.c. 345.
W. Himalaya.

Poa sterilis M. Bieb., *Fl. Taur.-Cauc.* 1:62.
1808; *Bor. Grass. Ind.* 560. 1960.
N.W. India.

Poa stewartiana *Bor* in *Kew Bull.* 1951: 185.
1951 & *Grass. Ind.* 561. 1960.
Himalaya.

Poa subcaerulea J.E. Sm., in Engl., Bot. T. 1004, 1814; Javed & Thakur in Indian Forester 106: 625, 1980.
N.W. Himalaya.

Poa supina Schrad., Fl. Germ. 1: 289, 1806; Bor, Grass. Ind. 561, 1960.
Himalaya.

Poa suruana H. Harum. in Candollea 39: 516, f.1. 1984.
W. Himalaya.

Poa tibetica Munro ex Stapf in Hook. f., Fl. Brit. India 7: 339, 1896; Bor, Grass. Ind. 561, 1960.

Poa tibetica var. *aristulata* Stapf in Hook. f., l.c.
N.W. to C. Himalaya.

Poa tibeticola Bor in Kew Bull. 1948: 139, 1948 & Grass. Ind. 561, 1960.
E. to C. Himalaya.

Poa trilobata L., Sp. Pl. 67, 1753; Bor, Grass. Ind. 561, 1960.
Hills of Nilgiris & Palneys in Tamil Nadu; N.W. Himalaya.

Poa versicolor Boiss. ssp. *araratlea* (Trautv.) Tzvelev in Nov. Sist. Vyssh. Rast. 1974:31, 1974; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 417, 1982.

Poa araratlea Trautv. in Act. Hort. Petrop. 2: 486, 1873; Bor, Grass. Ind. 555, 1960.
N.W. India.

Poa wardiana Bor in Kew Bull. 1948:143, 1948 & Grass. Ind. 561, 1960.
Endemic in N.E.India.

POGONACHNE Bor in Kew Bull. 1949: 176, 1949.

Pogonachne racemosa Bor in Kew Bull. 1949: 176, 1949 & Grass. Ind. 200, 1960.
Endemic in W.India.

POGONATHERUM P. Beauv., Ess. Agrost. 56, 176, 1814.

Pogonatherum crinitum (Thunb.) Kunth, Enum. Pl. 1: 478, 1833; Hook. f., Fl. Brit. India 7: 141, 1896; Bor, Grass. Ind. 200, 1960.

Andropogon crinitus Thunb., Fl. Jap. 40, t. 7,

1784.
Throughout India.

Pogonatherum panicum (Lam.) Hack. in Allg. Bot. Z. 12: 178, 1906; Bor, Grass. Ind. 202, 1960.

Saccharum panicum Lam., Encycl. 1: 595, 1785 & Ill. 12: 155, t. 40, f.3, 1791.

Pogonatherum saccharoideum P. Beauv., Ess. Agrost. 176, 177, 1812; Hook. f., Fl. Brit. India 7: 141, 1896.

Throughout the hilly parts of India, Andaman & Nicobar Islands.

Pogonatherum rufo barbatum Griff., Notul. 3: 81, 1851; Hook. f., Fl. Brit. India 7: 142, 1896; Bor, Grass. Ind. 202, 1960.
Endemic in N.E. India.

Pogonatherum santapauli Sur in J. Bombay nat. Hist. Soc. 73: 190, 1976.
W. Himalaya.

POLYPOGON Desf., Fl. Atl. 1: 66, 1798.

Polypogon fugax Nees ex Steud., Syn. Pl. Glum. 1: 184, 1854; Bor, Grass. Ind. 403, 1960.

Polypogon higaweri Steud., l.c. 422.

Polypogon litoralis var. *higaweri* (Steud.) Hook. f., Fl. Brit. India 7: 246, 1896.
S. & N.E. India, Himalaya.

Polypogon monspeliensis (L.) Desf., Fl. Atl. 1: 67, 1798; Hook. f., Fl. Brit. India 7: 245, 1896; Bor, Grass. Ind. 403, 1960.

Alopecurus monspeliensis L., Sp. Pl. 61, 1753.

var. *monspeliensis*.
Throughout India.

var. *indicus* Sunanda & Jain in Bull. Bot. Surv. India 25: 208, f.1 (1983) 1985.
N.W. India.

POLYTOCA R. Br. in J.J. Benn. & R. Br., Pl. Jav. Rer. 20, 1838.

Polytoca digitata (L.f.) Druce in Rep. Bot. Exch. Cl. Brit. Is. 4: 64, 1916; Bor, Grass. Ind. 267, 1960.

Apluda digitata L.f., Suppl. Pl. 434, 1781.

Polytoca bracteata R. Br. in Benn. & R. Br.,

Pl. Jav. Rar. 20, t.5. 1838; Hook. f., Fl. Brit. India 7: 101. 1896.
Sikkim Terai, N.E. India.

Polytoca wallichiana (Nees ex Steud.) Bth. in J. Linn. Soc. 19: 52. 1881; Bor, Grass. Ind. 267. 1960.

Cyathorhachis wallichiana Nees ex Steud., Syn. Pl. Glum. 1: 403. 1855.
E. Himalaya, N.E. India, Andaman & Nicobar Islands.

POMMEREULLA L.f., Disa. Nov. Gram. 31. 1780.

Pommereulia cornucoplae L.f., Dias. Nov. Gram. 31. 1780; Hook. f., Fl. Brit. India 7: 300. 1896; Bor, Grass. Ind. 620. 1960.
S. India.

PORTERESIA Tateoka in Bull. Nat. Sci. Mus. Tokyo 8: 406. 1965.

Porteresia coarctata (Roxb.) Tateoka in Bull. Nat. Sci. Mus. Tokyo 8: 406. 1965.

Oryza coarctata Roxb., Fl. Ind. 2: 206. 1832; Hook. f., Fl. Brit. India 7: 93. 1896; Bor, Grass. Ind. 604. 1960.
S. & E. India.

PSEUDANTHISTIRIA (Hack.) Hook. f., Fl. Brit. India 7: 219. 1896.

Pseudanthistiria heteroclita (Roxb.) Hook. f., Fl. Brit. India 7: 219. 1896; Bor, Grass. Ind. 203. 1960.

Anthistiria heteroclita Roxb., Fl. Ind. 1: 253. 1820.
Peninsular & E. India.

Pseudanthistiria hispida Hook. f., Fl. Brit. India 7: 219. 1896; Bor, Grass. Ind. 203. 1960.
Peninsular India to Madhya Pradesh.

Pseudanthistiria intermedia Birari & D'cruz in J. Bombay Nat. Hist. Soc. 73: 192. 1976.
Endemic in W. India.

Pseudanthistiria umbellata (Hack.) Hook. f., Fl. Brit. India 7: 220. 1896; Bor, Grass. Ind. 204. 1960.

Andropogon umbellatus Hack. in DC., Monogr.

Phan. 6: 401. 1889.
S. India.

PSEUDECHINOLAENA (Hook.f.) Stapf in Prain, Fl. Trop. Afr. 9: 494. 1919.

PANICUM L. sect. *PSEUDECHINOLAENA* Hook. f., Fl. Brit. India 7: 28. 1896.

Pseudechinolaena polystachya (H.B.K.) Stapf in Prain, Fl. Trop. Afr. 9: 495. 1919; Bor, Grass. Ind. 352. 1960.

Echinolaena polystachya H.B.K., Nov. Gen. & Sp. 1: 119. 1816.

Panicum uncinatum Raddi, Agrost. Bras. 41. 1823; Hook. f., Fl. Brit. India 7: 58. 1896.
S. & N.E. India, E. to C. Himalaya.

PSEUDOBRACTHARIA Launert in Mitt. Bot. Staatssamml. München 8: 158. 1970.

Pseudobrachiaria deflexa (Schum.) Launert in Mitt. Bot. Staatssamml. München 8: 158. 1970.

Panicum deflexum Schum., Beskr. Guin. Pl. 63. 1827.

Brachiaria deflexa (Schum.) C.E. Hubb. ex Robyns in Bull. Jard. Brux. 9: 181. 1932; Bor, Grass. Ind. 281. 1960.

S., N. & N.W. India.

PSEUDODANTHONIA Bor & C.E. Hubb. in Kew Bull. 1957: 425. 1958.

Pseudodanthonia himalaica (Hook.f.) Bor & C.E. Hubb. in Kew Bull. 1957: 427. 1958; Bor, Grass. Ind. 445. 1960.

Danthonia himalaica Hook. f., Fl. Brit. India 7: 281. 1896.
N.W. Himalaya.

PSEUDODICHANTHIUM Bor in Indian Forester 66: 271. 1940.

Pseudodichanthium serrafalcoides (T. Cooke & Stapf) Bor in Indian Forester 66: 272. 1940 & Grass. Ind. 204. 1960.

Andropogon serrafalcoides T. Cooke & Stapf in Kew Bull. 1908: 450. 1908.

Dichanthium serrafalcoides (T.Cooke & Stapf)
Blatt. & McC. in J. Bombay nat. Hist. Soc. 32:
426. 1928.
Endemic in W.India.

PSEUDOPOGONATHERUM A. Camus in
Ann. Soc. Linn. Lyon 2, 68: 204. 1921.

Pseudopogonatherum contortum (Brougn.) A.
Camus in Lecomte, Gen. de l'Indo-Chine 7:
255. 1922; Bor, Grass. Ind. 204. 1960.

Pogonatherum contortum Brougn. in Duperr.,
Voy. Coq. Bot. 90 & 17. 1831.

Pollinia articulata Trin. in Bull. Sci. Acad.
Petersb. 1: 71. 1836; Hook. f., Fl. Brit. India
7: 109. 1896.

Pollinia articulata var. *pedicellata* Hack. ex
Hook. f., l.c. 110.
S., E. & N.E. India, Plains of lower Gangetic
valley.

PSEUDORAPHIS Griff., Notul. 3: 20. 1851.

Pseudoraphis brunoniana Griff., Notul. 3: 29.
1851; Bor, Grass. Ind. 353. 1960.

Chamaeraphis spinescens var. *brunoniana* (Griff.)
Hook. f., Fl. Brit. India 7: 62. 1896.
E. & N.E. India.

Pseudoraphis minuta (Mez) Pilger in Notizbl.
Bot. Gart. Berlin 10: 210. 1928; Bor, Grass.
Ind. 353. 1960.

Chamaeraphis minuta Mez in Notizbl. Bot.
Gart. Berlin 7: 48. 1917.

Chamaeraphis gracilis sensu Hook. f., Fl. Brit.
India 7: 62. 1896 non Hack. 1885 (which is
Setaria laxa Merr.)
E. & N.E. India.

Pseudoraphis spinescens (R.Br.) Vickery in
Proc. Roy. Soc. Queensl. 62, n.7. 69. 1952; Bor,
Grass. Ind. 353. 1960.

Panicum spinescens R.Br., Prodr. 193. 1810.

Chamaeraphis spinescens (R.Br.) Poir. in Lam.,
Encycl. 2: 189. 1811; Hook. f., Fl. Brit. India
7: 62. 1896.
Throughout India.

PSEUDOROEGNERIA (Nevski) A. Love in
Taxon 29: 168. 1980.

Elytrigia sect. *Pseudoroegneria* Nevski in Tr.
Sredneaz. Univ., 8B, 17: 60 & Tr. Inst. Bot.
AN SSSR 1, 2: 77. 1934.

Pseudoroegneria cognata (Hack.) A. Love in
Fedde, Repert. 95: 446. 1984.

Agropyron cognatum Hack. in Kneucker, Allgem.
Bot. Zeitschr. 22, in Obs. 1904; Bor, Grass. Ind.
660. 1960.

Agropyron cognatum var. *shingoense* Melderis in
Bor, l.c. 660 & 690 nom. invalid., based on the
same type as var. *cognatum*.

Elymus cognatus (Hack.) T.A. Cope in Nasir &
Ali, Fl. Pak. 143: 628. 1982.
N.W. Himalaya.

Pseudoroegneria stewartii (Melderis) A. Love
in Fedde, Repert. 95: 447. 1984.

Agropyron stewartii Melderis in Bor, Grass. Ind.
695. 1960.

Elymus stewartii (Melderis) T.A. Cope in Nasir
& Ali, Fl. Pak. 143: 627. 1982.
N.W. Himalaya.

PSEUDOSORGHUM A. Camus in Bull. Mus.
Hist. Nat. Paris 26: 662. 1920.

Pseudosorghum fasciculare (Roxb.) A. Camus
in Bull. Mus. Hist. Nat. Paris 26: 662. 1920;
Bor, Grass. Ind. 205. 1960.

Andropogon fascicularis Roxb., Fl. Ind. 1: 269.
1820; Hook. f., Fl. Brit. India 7: 177. 1896.

Andropogon gangeticus Hack. in DC., Monogr.
Phan. 6: 539. 1889.

Andropogon nitidulus Hook. f., l.c. 199.

Sorghum fasciculare (Roxb.) Haines, Bot. Bih.
Orissa 1034. 1924 (3: 1082. 1961, Repr. ed.).

Sorghum gangeticum (Hack.) Stapf ex Haines,
l.c.
Throughout India.

PUCCINELLIA Parl., Fl. Ital. 1: 366. 1848
(nom. cons.).

Puccinellia distans (Wahlb.) Parl., Fl. Ital. 1: 367. 1848; Bor, Grass. Ind. 562. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 429. 1982.

Glyceria distans Wahlb., Fl. Ups. 36. 1820, based on *Poa distans* L., Mant. 1: 32. 1767 non Jacq., 1764; Hook. f., Fl. Brit. India 7: 347. 1896.
N.W. India.

Puccinellia himalaica Tzvelev in Bot. Mater. Gerb. Inst. V.L. Komarova 17: 66. 1955; Bor, Grass. Ind. 562. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 432. 1982.
N.W. Himalaya.

Puccinellia kashmiriana Bor in Kew Bull. 8: 270. 1953 & Grass. Ind. 562. 1960.
N.W. Himalaya.

Puccinellia stapfiana R.R. Stewart in Brittonia 5: 418. 1945; Bor, Grass. Ind. 563. 1960.

Glyceria poaeoides Stapf in Hook. f., Fl. Brit. India 7: 348. 1896 non *Puccinellia poaeoides* Keng in J. Wash. Acad. Sci. 28: 301. 1938.
N.W. Himalaya.

Puccinellia tenuiflora (Griseb.) Scribn. & Merr. in Contr. U.S. Nat. Herb. 13: 78. 1910; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 432. 1982.

Atropis tenuiflora Griseb. in Ledeb., Fl. Ross. 4: 389. 1852.
N.W. Himalaya.

Puccinellia thomsonii (Stapf) R.R. Stewart in Brittonia 5: 418. 1945; Bor, Grass. Ind. 563. 1960.

Glyceria thomsonii Stapf in Hook. f., Fl. Brit. India 7: 347. 1896.
N.W. Himalaya.

RHYNCHELYTRUM Nees in Lindl., Nat. Syst. ed. 2. 378, 446. 1836 ('Rhynchelythrum'); Corr. Nees, Fl. Aft. Austr. (xxi) (Errata). 64. 488. 1841.

Rhynchelytrum repens (Willd.) C.E. Hubb. in Kew Bull. 1934: 110. 1934; Bor, Grass. Ind. 355. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 176. 1982.

Saccharum repens Willd., Sp. Pl. 1: 322. 1798.

Monachyron villosum Parl. in Hook., Niger Fl. 191. 1849.

Trichalaena wightii Nees & Arn. ex Steud., Syn.

Pl. Glum. 1: 93. 1854; Hook. f., Fl. Brit. India 7: 65. 1896.

Rhynchelytrum villosum (Parl.) Chiov. in Ann. Ist. Bot. Roma 8: 310. 1908; Bor, l.c. Drier parts of India, introduced.

ROBYNSIOCHLOA Jacques Felix in J. Agric. Trop. Bot. Appl. 7: 406. 1960.

Robynsiochloa goalparensis (Bor) W.D. Clayton in Kew Bull. 35: 817. 1981.

Rottboellia goalparensis Bor in Indian For. Rec. Bot. 1: 100. 1938 & Grass. Ind. 208. 1960.
Endemic in N.E. India.

ROSTRARIA Trin., Fund. Agrost. 149. 1822.

Rostraria clarkeana (Domin) Holub in Folia geobot. Phytotax. 9: 271. 1974; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 516. 1982.

Koeleria clarkeana Domin in Bibl. Bot. 14(65): 272. 1977.

Lophochloa clarkeana (Domin) Bor, Grass. Ind. 445. 1960.
N.W. Himalaya.

Rostraria cristata (L.) Tzvelev in Nov. Sist. Vyssh. Rast. 7: 47. (1970) 1971; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 514. 1982.

Festuca cristata L., Sp. Pl. 76. 1753 non *Aira cristata* L., nec *Koeleria cristata* Pers.

Festuca phleoides Vill., Fl. Delph. 7. 1785.

Koeleria phleoides (Vill.) Pers., Syn. Pl. 1: 97. 1805; Hook. f., Fl. Brit. India 7: 309. 1896.

Lophochloa phleoides (Vill.) Reichb., Fl. Ger. Excurs. 42. 1830; Bor, Grass. Ind. 445. 1960.
Plains of N.W. India, N.W. Himalaya.

Rostraria pumila (Desf.) Tzvelev in Nov. Sist. Vyssh. Rast. 7: 48. (1970) 1971; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 516. 1982.

Avena pumila Desf., Fl. Au. 1: 103. 1798.

Lophochloa pumila (Desf.) Bor, Grass. Ind. 445. 1960.
N.W. India.

ROTTBOELLIA L.f., Diss. Bot. Gram. Gen.

23. 1780.

Rottboellia cochinchinensis (Lour.) W.D. Clayton in Kew Bull. 35: 817. 1981.

Stegosia cochinchinensis Lour., Fl. Cochin. 1: 51. 1790.

Rottboellia exaltata L.f., Suppl. Pl. 114. 1781 non (L.) L.f., 1779; Hook. f., Fl. Brit. India 7: 156. 1896; Bor, Grass. Ind. 206. 1960.

Rottboellia exaltata var. *robusta* Hook. f., l.c. Throughout hotter parts of India.

SACCHARUM L., Sp. Pl. 54. 1753.

Saccharum arundinaceum Retz., Obs. Bot. 4: 14. 1786; Hook. f., Fl. Brit. India 7: 119. 1896 p.p.; Bor, Grass. Ind. 211. 1960. Throughout India.

Saccharum barberi Jeswiet in Arch. Suikerind. Ned.-Ind. 396. 1925; Bor, Grass. Ind. 213. 1960. Cultivated.

Saccharum bengalense Retz., Obs. Bot. 5: 16. 1789; Bor, Grass. Ind. 211. 1960.

Saccharum arundinaceum sensu Hook. f., Fl. Brit. India 7: 119. 1896 p.p. non Retz. 1786. Eastern ghats, N. & N.W. India.

Saccharum fallax Balansa in Morot, J.de Bot. 4: 80. 1890.

Erianthus chrysothrix Hack. in Ost. Bot. Z. 41: 6. 1891; Hook. f., Fl. Brit. India 7: 125. 1896.

Narenga fallax (Balansa) Bor in Kew Bull. 1948: 162. 1948 & Grass. Ind. 198. 1960. N.E. India.

Saccharum filifolium Nees ex Steud., Syn. Pl. Glum. 1: 409. 1855; Bor, Grass. Ind. 211. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 269. 1982.

Erianthus filifolius (Nees ex Steud.) Jacks., Ind. Kew. 864. 1893; Hook. f., Fl. Brit. India 7: 123. 1896; Bor, l.c. 150.

Erianthus macratherum Pilger in Notizb. Bot. Gart. Berl. 14: 347. 1939.

Saccharum macratherum (Pilger) Ahmed & Stewart, Grasses, W. Pak. 1: 79. 1958; Bor, l.c. 212.

Temperate W. to C. Himalaya.

Saccharum griffithii Munro ex Boiss., Fl. Orient. 5: 453. 1884; Bor, Grass. Ind. 211. 1960.

Erianthus griffithii (Munro ex Boiss.) Hook. f., Fl. Brit. India 7: 122. 1896; Bor, l.c. 151. N.W. India.

Saccharum longisetosum (Anderss. ex Bth.) Narayanasw. ex Bor, Fl. Assam 5: 461. 1940 & Grass. Ind. 211. 1960.

Erianthus longisetosus Anderss. ex Bth. in J. Linn. Soc. 19: 67. 1881; Bor, l.c. 151.

var. *longisetosum*.

Himalaya from Nepal eastwards, N.E. India.

var. *hookeri* (Hack.) Bor, Grass. Ind. 212. 1960.

Erianthus hookeri Hack. in DC., Monogr. Phan. 6: 143. 1889; Hook. f., Fl. Brit. India 7: 123. 1896. Himalaya.

Saccharum narenga (Nees ex Steud.) Hack. in DC., Monogr. Phan. 6: 119. 1889; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 261. 1982.

Eriochrysis narenga Nees ex Steud., Syn. Pl. Glum. 1: 411. 1855 based on *Saccharum narenga* Wall. Cat. no. 8856 *nom. nud.*; Hook. f., Fl. Brit. India 7: 120. 1896.

Eriochrysis porphyrocoma Hance ex Trin. in J. Bot. 14: 294. 1876.

Narenga porphyrocoma (Hance ex Trin.) Bor in Indian Forester 66: 267. 1940 & Grass. Ind. 198. 1960.

Tropical Himalaya, E.C. & N.E. India.

Saccharum officinarum L., Sp. Pl. 54. 1753; Hook. f., Fl. Brit. India 7: 118. 1896; Bor, Grass. Ind. 212. 1960. Cultivated in hotter parts of India.

Saccharum procerum Roxb., Fl. Ind. 1: 248. 1820; Bor, Grass. Ind. 213. 1960. E. & N.E. India.

Saccharum ravennae (L.) Murr., Syst. Veg. 88. 1774; Bor, Grass. Ind. 213. 1960.

Andropogon ravennae L., Sp. Pl. ed. 2. 1481. 1763.

Erianthus ravennae (L.) P. Beauv. Ess. Agrost. 14. 1812; Hook. f., Fl. Brit. India 7: 121. 1896; Bor, l.c. 151.

Erianthus elephantinus Hook. f., l.c. 122. From N.E. India to N.W. India.

- Saccharum rufipilum* Steud., Syn. Pl. Glum. 1: 409. 1855; Bor, Grass. Ind. 213. 1960.
- Erianthus versicolor* Nees ex Steud., Syn. Pl. Glum. 1: 409. 1855; Hook. f., Fl. Brit. India 7: 124. 1896.
- Erianthus rufipilus* (Steud.) Griseb. in Nachr. Ges. Wiss. Gottingen 93. 1868; Bor, l.c. 152.
- Erianthus fulvus* Nees ex Steud. ex Hack. in DC., Monogr. Phan. 6: 147. 1889; Hook. f., l.c. 123.
- Erianthus pallens* Hack., l.c. 145.
- Erianthus versicolor* var. *pallens* (Hack.) Hook. f., l.c.
Temperate Himalaya, N.E.India.
- Saccharum sikkimense* (Hook. f.) Narayanasw. ex Bor, Fl. Assam 5: 462. 1940 & Grass. Ind. 214. 1960.
- Erianthus sikkimensis* Hook. f., Fl. Brit. India 7: 123. 1896.
E. to C.Himalaya.
- Saccharum sinense* Roxb., Pl. Cor. t. 232. 1819; Bor, Grass. Ind. 212. 1960.
Cultivated in hotter parts of India.
- Saccharum spontaneum* L., Mant. Alt. 2: 183. 1771; Hook. f., Fl. Brit. India 7: 118. 1896; Bor, Grass. Ind. 214. 1960.
Throughout the warmer parts of India, Andaman & Nicobar Islands.
- Saccharum wardii* (Bor) Bor ex T.A.Cope in Kew Bull. 35: 702. 1980; Pal *et al.* in Bull. Bot. Surv. India 24: 198, f.1. (1982) 1983.
- Erianthus wardii* Bor in Kew Bull. 1954: 498. 1954 & Grass. Ind. 152. 1960.
E. Himalaya, N.E.India.
- Saccharum williamsii* (Bor) Bor, Grass. Ind. 214. 1960.
- Erianthus williamsii* Bor in Kew Bull. 1957: 413. 1957.
Nepal.
- SACCIOLEPIS** Nash in N.L. Britton, Manual 89. 1901.
- Sacciolepis curvata* (L.) A. Chase in Proc. Biol. Soc. Wash. 21: 8. 1908; Bor, Grass. Ind. 357. 1960.
- Panicum curvatum* L., Syst. Nat. ed. 12(2). 732. 1767; Hook. f., Fl. Brit. India 7: 42. 1896.
S.India.
- Sacciolepis indica* (L.) A. Chase in Proc. Biol. Soc. Wash. 21: 8. 1908; Bor, Grass. Ind. 357. 1960.
- Aira indica* L., Sp. Pl. 1753 in "Errata".
- Panicum indicum* L., Mant. 2: 184. 1771 non Mill, 1768; Hook. f., Fl. Brit. India 7: 41. 1896.
- Panicum angustum* Trin., Sp. Gram. l.c. t. 334. 1836.
- Panicum indicum* var. *angustum* (Trin.) Hook. f., l.c. 42.
Throughout tropical and sub-tropical India, Andaman & Nicobar Islands.
- Sacciolepis interrupta* (Willd.) Stapf in Prain, Fl. Trop. Afr. 9: 757. 1920; Bor, Grass. Ind. 358. 1960.
- Panicum interruptum* Willd., Sp. Pl. 1: 341. 1798; Hook. f., Fl. Brit. India 7: 40. 1896.
In swamps throughout India.
- Sacciolepis myosuroides* (R.Br.) A. Camus in Lecomte, Fl. Gen. de l'Indo-Chine 7: 460. 1922; Bor, Grass. Ind. 358. 1960.
- Panicum myosuroides* R.Br., Prodr. 189. 1810.
Throughout the hotter parts of India.
- SCHISMUS** P. Beauv., Ess. Agrost. 73. 1812.
- Schismus arabicus* Nees, Fl. Afr. Austr. 422. 1841; Bor, Grass. Ind. 481. 1960.
- Schismus marginatus* sensu Hook. f., Fl. Brit. India 7: 336. 1896 non P. Beauv. 1812.
N.W.India.
- Schismus barbatus* (L.) Thell. in Bull. Herb. Boiss. 2, 7: 391. 1907; Bor, Grass. Ind. 481. 1960.
- Festuca barbata* L., Amoen. Acad. 3: 400. 1756.
N.W. India.
- SCHIZACHYRIUM** Nees, Agrost. Brasil. 331. 1829.
- Schizachyrium brevifolium* (Swartz) Nees ex Buese in Miq., Pl. Junghn. 359. 1854; Bor,

Grass. Ind. 215. 1960.

Andropogon brevifolius Swartz, Prodr. Veg. Ind. Occ. 26. 1788; Hook. f., Fl. Brit. India 7: 165. 1896.

Throughout tropical India, Andaman Islands.

Schizachyrium delavayi (Hack.) Bor in Indian For. Rec.(Bot.) 1: 95. 1938 & Grass. Ind. 215. 1960.

Andropogon delavayi Hack. in DC., Monogr. Phan. 6: 404. 1889.

Andropogon bootanensis Hook. f., Fl. Brit. India 7: 166. 1896.

E. to C. Himalaya, N.E.India.

Schizachyrium exile (Hochst.) Pilger in Engl., Bot. Jahrb. 54: 284. 1917; Bor, Grass. Ind. 216. 1960.

Andropogon exilis Hochst. in Flora 27: 241. 1844.

Throughout tropical India.

Schizachyrium impressum (Hack.) A. Camus in Ann. Soc. Linn. Lyon n.s. 70: 91. 1923; Bor, Grass. Ind. 216. 1960.

Andropogon impressus Hack. in Ost. Bot. Z. 41: 49. 1891; Hook. f., Fl. Brit. India 7: 166. 1896. Endemic in N.W.Himalaya.

Schizachyrium sanguineum (Retz.) Alst., Suppl. Trim. Handb. Fl. Ceyl. 334. 1931; Bor, Grass. Ind. 216. 1960.

Rottboellia sanguinea Retz., Obs. Bot. 3: 25. 1783.

Andropogon hirtiflorus Hook. f., Fl. Brit. India 7: 167. 1896 non Kunth, 1832.

N.E. & C. India.

Schizachyrium sudhanshu Singh in J. Ind. Bot. Soc. 60: 359. 1981.

Karnataka.

SCHOENEFELDIA Kunth, Rev. Gram. 86. 1829.

Schoenefeldia gracilis Kunth, Rev. Gram. 1: 283, t. 53. 1830; Bor, Grass. Ind. 474. 1960.

Schoenefeldia pallida Edgew. in J. Asiat. Soc. Beng. 21: 183. 1852.

Chloris pallida (Edgew.) Hook. f., Fl. Brit. India 289. 1896.

Chloris myosuroides Hook. f., l.c. 290. E.,W. & C.India.

SCLERACHNE R. Br. in Benn. & R. Br., Pl. Rar. Jav. 15. 1838.

Sclerachne punctata R. Br. in Benn. & R. Br., Pl. Rar. Jav. 15, L. 4. 1838; Bor, Grass. Ind. 268. 1960.

Polytoca punctata (R.Br.) Stapf ex Hook. f., Fl. Brit. India 7: 102. 1896.

S. India.(?)

SCLEROCHLOA P. Beauv., Ess. Agrost. 97, 177. 1812.

Sclerochloa dura (L.) P. Beauv., Ess. Agrost. 98, t. 19, f. 4. 1812; Hook. f., Fl. Brit. India 7: 335. 1896; Bor, Grass. Ind. 563. 1960.

Cynosurus durus L., Sp. Pl. 72. 1753. N.W. Himalaya.

SCLEROSTACHYA (Anders. ex Hack.) A. Camus in Lecomte, Fl. Gen. Indo-Chine 7: 243. 1922.

ANDROPOGON subg. *SCLEROSTACHYA* Anders. ex Hack. in DC., Monogr. Phan. 6: 121. 1889.

Sclerostachya fusca (Roxb.) A. Camus in Lecomte, Fl. Gen. de l'Indo-Chine 7: 243. 1922; Bor, Grass. Ind. 217. 1960.

Saccharum fuscum Roxb., Fl. Ind. 1: 241. 1820; Hook. f., Fl. Brit. India 7: 120. 1896.

Gangetic Plain, N.E.India.

Sclerostachya millroyi Bor in Indian For. Rec. 1: 85. 1938 & Grass. Ind. 217. 1960.

Endemic in N.E.India.

SECALE L., Sp. Pl. 84. 1753.

Secale cereale L., Sp. Pl. 84. 1753; Bor, Grass. Ind. 677. 1960.

Cultivated in N.W.India.

Secale vegetale (Zhuk.) Roshev. in Trudy bot. Inst. Akad. Nauk SSSR 6: 143. 1947; Bor in Rech. f., Fl. Iran. 70: 216. 1970.

- Secale cereale* ssp. *segetale* Zhuk. in Trudy Prikl. Bot. Genet. Selekt. 19(2): 56. 1928.
- Secale cereale* var. *afghanicum* Vav. in Trudy Prikl. Bot. Genet. Selekt. 16(2): 77. 1926.
- Secale afghanicum* (Vav.) Roshov. in Trudy Bot. Inst. Akad. Nauk SSSR 6: 139. 1947; Saha et al. in Bull. Bot. Surv. India 13: 15. 1971. N.W. Himalaya.
- SEHIMA** Forssk., Fl. Aeg.-Arab. 178. 1775.
- Sehima ischaemoides* Forssk., Fl. Aeg.-Arab. 178. 1775; Bor, Grass. Ind. 218. 1960. Peninsular India.
- Sehima nervosum* (Rottl.) Stapf in Prain, Fl. Trop. Afr. 9: 36. 1917; Bor, Grass. Ind. 218. 1960.
- Andropogon nervosus* Rottl. apud Willd. in Verh. Ges. Naturf. Freund. Berlin, Neue Schr. 4: 218. 1806.
- Ischaemum laxum* R. Br., Prodr. 205. 1810; Hook. f., Fl. Brit. India 7: 136. 1896. N.W. to Peninsular India.
- Sehima notatum* (Hack.) A. Camus in Bull. Mus. Hist. Nat. Paris 27: 373. 1921; Bor, Grass. Ind. 218. 1960.
- Ischaemum notatum* Hack. in DC., Monogr. Phan. 6: 246. 1889; Hook. f., Fl. Brit. India 7: 138. 1896. W. Himalaya.
- Sehima sulcatum* (Hack.) A. Camus in Bull. Mus. Hist. Nat. Paris 27: 373. 1921; Bor, Grass. Ind. 219. 1960.
- Ischaemum sulcatum* Hack. in DC., Monogr. Phan. 6: 248. 1889; Hook. f., Fl. Brit. India 7: 137. 1896. Peninsular to C. India.
- SETARIA** P. Beauv., Ess. Agrost. 51. 178. 1812 (nom. cons.).
- Setaria barbata* (Lam.) Kunth, Rev. Gram. 1: 47. 1829; Bor, Grass. Ind. 360. 1960.
- Panicum barbatum* Lam., Ill. 1: 171. 1791.
- Panicum flavescens* sensu Hook. f., Fl. Brit. India 7: 56. 1896, non Swartz 1788.
- Panicum rhachitrichum* Hochst. in Flora 27: 254. 1844; Hook. f., l.c.
- S., N. & E. India, Andaman & Nicobar Islands, sub-tropical Himalaya.
- Setaria forbesiana* (Nees ex Steud.) Hook. f., Fl. Brit. India 7: 81. 1896; Bor, Grass. Ind. 360. 1960.
- Panicum forbesianum* Nees ex Steud., Syn. Pl. Glum. 1: 98. 1854. Peninsular & N.E. India, temperate C. to E. Himalaya.
- Setaria geniculata* (Lam.) P. Beauv., Ess. Agrost. 51, 169. 178. 1812; Bor, Grass. Ind. 360. 1960.
- Panicum geniculatum* Lam., Encycl. 4: 727 (err. typ. 737). 1798. Introduced into India.
- Setaria homonyma* (Steud.) Chiov. in Nuovo Giorn. Bot. Ital. n.s. 26: 78. 1919; Bor, Grass. Ind. 361. 1960.
- Panicum homonymum* Steud., Syn. Pl. Glum. 1: 48. 1854.
- Setaria rhachitricha* T. Cooke, Fl. Bombay Pres. 2: 919. 1908 (3: 435. 1967, Repr. ed.).
- var. *homonyma*. Throughout India except N.E.
- var. *depauperata* Babu, Herb. Fl. Dchra Dur 642. 1977. N. India.
- Setaria intermedia* R. & S., Syst. Veg. 2: 489. 1817; Hook. f., Fl. Brit. India 7: 79. 1896; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 183. 1982.
- Panicum tomentosum* Roxb., Fl. Ind. 1: 303. 1820.
- Setaria tomentosa* (Roxb.) Kunth, Rev. Gram. 1: 47. 1829; Bor, Grass. Ind. 365. 1960. Throughout India.
- Setaria italica* (L.) P. Beauv., Ess. Agrost. 51, 170, 178. 1812; Hook. f., Fl. Brit. India 7: 78. 1896; Bor, Grass. Ind. 362. 1960.
- Panicum italicum* L., Sp. Pl. 56. 1753. Cultivated, throughout India.
- Setaria megaphylla* (Steud.) Dur. & Schinz, Consp. Fl. Afr. 5: 773. 1894; Bor, Grass. Ind. 362. 1960.

Panicum megaphyllum Steud., Syn. Pl. Glum. 1: 53. 1854.

Introduced.

Setaria palmifolia (Koen.) Stapf in J. Linn. Soc. 42: 186. 1914; Bor, Grass. Ind. 363. 1960.

Panicum palmifolium Koen. in Ges. Naturf. 23: 208. 1788.

Peninsular to E.India, Andaman & Nicobar Islands.

Setaria paniculifera (Steud.) Fourn. ex Hemsl. in Biol. Centr. Amer. Bot. 3: 505. 1885; Jain in Bull. Bot. Surv. India 10: 163. 1968.

Panicum paniculiferum Steud., Syn. Pl. Glum. 1: 54. 1854.

E.India.

Setaria plicata (Lam.) T. Cooke, Fl. Pres. Bombay 2: 919. 1908 (3:434.1967, Repr.ed.); Bor, Grass. Ind. 364. 1960.

Panicum plicatum Lam., Encycl. 4: 736. 1797; Hook. f., Fl. Brit. India 7: 55. 1896.

Peninsular & N.E.India, Himalaya.

Setaria polretiana (Schult.) Kunth, Rev. Gram. 1: 47. 1829; Bor, Grass. Ind. 364. 1960.

Panicum poiretianum Schult., Syst. Veg. 2, Mant. 229. 1824 (based on *Panicum elongatum* Poir. in Lam., Encycl. 4:278. 1816 non Salisb. 1796).

Tamil Nadu (Nilgiris).

Setaria pumila (Poir.) R. & S., Syst. Veg. 2: 891. 1817; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 181. 1982.

Panicum pumilum Poir. in Lam., Encycl. 4: 273. 1816.

Panicum pallide-fuscum Schumach., Beskr. Guin. Pl. 58. 1827.

Setaria pallide-fusca (Schumach.) Stapf & C.E. Hubb. in Kew Bull. 1930: 259.1930; Bor, Grass. Ind. 363. 1960.

Throughout India.

Note: For nomenclatural discussion, see W.D. Clayton in Kew Bull. 33: 501. 1979 & Terrell in Taxon 25:297-304. 1976.

Setaria sphacelata (Schumach.) Stapf & C.E. Hubb. ex M.B. Moss in Kew Bull. 1929: 195. 1929; Bor, Grass. Ind. 364. 1960.

Panicum sphacelatum Schumach., Beskr. Guin. Pl. 58. 1827.

Introduced for fodder.

Setaria verticillata (L.) P. Beauv., Ess. Agrost. 51, 178. 1812; Hook. f., Fl. Brit. India 7: 80. 1896; Bor, Grass. Ind. 365. 1960.

Panicum verticillatum L., Sp. Pl. ed.2: 82. 1762. Throughout India.

Setaria viridis (L.) P. Beauv., Ess. Agrost. 51, 171, 178. 1812; Hook. f., Fl. Brit. India 7: 80. 1896; Bor, Grass. Ind. 365. 1960.

Panicum viride L., Syst. Nat. ed. 10. 2:870. 1759.

Temperate Himalaya.

SILENTVALLEYA V.J. Nair, Sreekumar, Vajr. & Bhargavan in J. Bombay nat. Hist. Soc. 79: 654. 1983.

Silentvalleya nairii V.J. Nair, Sreekumar, Vajr. & Bhargavan in J. Bombay nat. Hist. Soc. 79: 654, f.1.(1982) 1983.

Kerala.

SORGHASTRUM Nash in N.L. Britton, Manual 71. 1901.

Sorghastrum nutans (L.) Nash in Small, Fl. Southeast U.S. 66.1903; Bor, Grass. Ind. 219. 1960.

Andropogon nutans L., Sp. Pl. 1045. 1753.

Introduced.

SORGHUM Moench, Meth. 207. 1794 (nom.cons.).

Sorghum x album Parodi in Rev. Argent. Agron. 10: 361. 1943; Bor, Grass. Ind. 222. 1960.

Introduced.

Sorghum arundinaceum (Desv.) Stapf in Prain, Fl. Trop. Afr. 9: 114. 1917; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 297. 1982.

Rhaphis arundinacea Desv., Opusc. 69. 1831 based on *Andropogon arundinaceus* Willd., Sp. Pl. 4: 906. 1805 non Berg. 1767.

Andropogon stapfii Hook. f., Fl. Brit. India 7: 184. 1896.

Sorghum stapfii (Hook. f.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1735. 1934 (3: 1203.

1967, Repr. ed.); Bor, Grass. Ind. 246. 1960.

Sorghum pugionifolium Snowden in J. Linn. Soc. 55: 240. 1955; Bor, l.c. 223.

Andropogon verticilliflorus Steud., Syn. Pl. Glum. 1: 393. 1854.

Sorghum verticilliflorum (Steud.) Stapf in Prain, Fl. Trop. Afr. 9: 116. 1917; Bor, l.c. 223. Peninsular & N.W. India, N.W. Himalaya.

Sorghum bicolor (L.) Moench, Meth. 207. 1794; Bor, Grass. Ind. 228. 1960.

Holcus bicolor L., Mant. Alt. 301. 1771.

var. *bicolor*.

Cultivated in S.E. & N.E. India.

var. *arduinii* (Koern.) Snowden in Kew Bull. 1935: 236. 1935; Bor, l.c.

Andropogon sorghum var. *arduinii* Koern., Handb. Getreideb. 1: 312. 1885. Cultivated in W. India.

var. *picigutta* Snowden in Kew Bull. 1935: 236. 1935; Bor, l.c. Cultivated in W. India.

var. *subglobosum* (Hack.) Snowden in Kew Bull. 1935: 237. 1935; Bor, l.c.

Andropogon sorghum ssp. *sativus* var. *subglobosus* Hack. in DC., Monogr. Phan. 6: 515. 1889. Cultivated in S. India.

Sorghum caudatum (Hack.) Stapf in Prain, Fl. Trop. Afr. 9: 131. 1917 p.p.; Bor, Grass. Ind. 228. 1960.

Andropogon sorghum ssp. *sativus* var. *caudatus* Hack. in DC., Monogr. Phan. 6: 517. 1889. Cultivated in W. India.

Sorghum cernuum Host, Gram. Austr. 4: 2, t. 3. 1809; Bor, Grass. Ind. 231. 1960.

var. *cernuum*.

Cultivated in various parts of India.

var. *agricolarum* (Burkill ex Benson & Subbarao) Snowden in Kew Bull. 1935: 251. 1935; Bor, l.c.

Andropogon sorghum var. *agricolarum* Burkill ex Benson & Subbarao in Madras Dept. Agric. Bull. no. 55: 67. 1906 p.p. Cultivated in C. & S. India.

var. *globosum* (Hack.) Snowden in Kew Bull.

1935: 251. 1935; Bor, l.c.

Andropogon sorghum ssp. *sativus* var. *globosus* Hack. in DC., Monogr. Phan. 6: 517. 1889. Cultivated in Maharashtra, Bihar & Uttar Pradesh.

var. *orbiculatum* Snowden in Kew Bull. 1935: 252. 1935; Bor, l.c.

Cultivated in Madhya Pradesh.

var. *subcylindricum* Snowden in Kew Bull. 1935: 252. 1935; Bor, l.c.

Cultivated in Agri. college farm, Poona.

var. *truchmenorum* (C. Koch) Snowden in Kew Bull. 1935: 251. 1935; Bor, l.c.

Sorghum truchmenorum C. Koch in Linnaea 21: 442. 1848.

Cultivated at Coimbatore, Tamil nadu.

var. *yemensis* (Koern.) Snowden in Kew Bull. 1935: 251. 1935; Bor, l.c.

Andropogon sorghum var. *yemensis* Koern. in Bull. Herb. Boiss. 2, app. 2: 11. 1894.

Cultivated at Maharashtra, Madhya Pradesh, Bihar, Orissa and N.W. Himalaya.

Sorghum conspicuum Snowden in Kew Bull. 1935: 226. 1935.

var. *orientale* Snowden in Kew Bull. 1935: 227. 1935; Bor, Grass. Ind. 232. 1960.

Cultivated in Bihar and Orissa.

var. *usaramense* (Buese & Pilger) Snowden in Kew Bull. 1935: 227. 1935; Bor, l.c.

Andropogon sorghum var. *usaramense* Buese & Pilger in Engl., Bot. Jahrb. 32: 184. 1902.

Cultivated in Bihar and Orissa.

Sorghum controversum (Steud.) Snowden in J. Linn. Soc. 55: 210. 1955; Bor, Grass. Ind. 222. 1960.

Andropogon controversus Steud., Syn. Pl. Glum. 1: 391. 1854.

S. & E. India.

Sorghum deccanense Stapf ex Bor, Grass. Ind. 245. 1960.

Endemic in Madhya Pradesh & W. India.

Sorghum dechna (Forssk.) Snowden var. *atrum* Snowden in Kew Bull. 1935: 235. 1935; Bor, Grass. Ind. 234. 1960.

Cultivated in C. India.

var. *irungu* (Burkill ex Benson & Subbarao) Snowden in Kew Bull. 1935: 235. 1935; Bor, *l.c.*

Andropogon sorghum var. *irungu* Burkill ex Benson & Subbarao in Madras Dept. Agric. Bull. no. 55: 68. 1906.
Cultivated in S.India.

var. *melliciferum* Snowden in Kew Bull. 1935: 236. 1935; Bor, *l.c.* 235.
Cultivated.

var. *obovatum* (Hack.) Snowden in Kew Bull. 1935: 235. 1935; Bor, *l.c.* 234.

Andropogon sorghum ssp. *sativus* var. *obovatus* Hack. in DC., Monogr. Phan. 6: 514. 1889 *p.p.*
Cultivated in Govt. farm, Madras.

var. *pulchrum* (Burkill ex Benson & Subbarao) Snowden in Kew Bull. 1935: 235. 1935; Bor, *l.c.*

Andropogon sorghum var. *pulchrum* Burkill ex Benson & Subbarao in Madras Dept. Agric. Bull. no. 55: 67. 1906, *p.p.*
Cultivated.

var. *technicum* (Koern.) Snowden in Kew Bull. 1935: 235. 1935; Bor, *l.c.*

Andropogon sorghum var. *technicus* Koern. in Syst. Uebers. 20. 1873.
Cultivated at Poona.

var. *wightii* (Hack.) Snowden in Kew Bull. 1935: 236. 1935; Bor, *l.c.*

Andropogon sorghum ssp. *sativus* var. *wightii* Hack. in DC., Monogr. Phan. 6: 511. 1889.
Cultivated.

Sorghum durra (Forsk.) Stapf in Prain, Fl. Trop. Afr. 9: 129. 1917; Bor, Grass. Ind. 235. 1960.

Holcus durra Forsk., Fl. Aeg.-Arab. 174. 1775.

var. *aegyptiacum* (Koern.) Snowden in Kew Bull. 1935: 249. 1935; Bor, *l.c.* 236.

Andropogon sorghum var. *aegyptiacus* Koern. in Mem. Inst. Egypt. 2: 164. 1887.
Cultivated in W. India.

var. *coimbatoreicum* (Burkill ex Benson & Subbarao) Snowden in Kew Bull. 1935: 250. 1935; Bor, *l.c.*

Andropogon sorghum var. *coimbatoreicum* Burkill ex Benson & Subbarao in Madras Dept. Agric.

Bull. No. 55: 68. 1906.
Cultivated in S. India.

var. *elongatum* Snowden in Kew Bull. 1935: 250. 1935; Bor, *l.c.*
Cultivated in W. & N.W. India.

var. *eois* (Burkill ex Benson & Subbarao) Snowden in Kew Bull. 1935: 250. 1935; Bor, *l.c.*

Andropogon sorghum var. *eois* Burkill ex Benson & Subbarao in Madras Dept. Agric. Bull. no. 55: 67. 1906.
Cultivated in W. India.

var. *fecundum* Snowden in Kew Bull. 1935: 250. 1935; Bor, *l.c.*
Cultivated in Bombay, Madhya Pradesh.

var. *fuscum* Snowden in Kew Bull. 1935: 250. 1935; Bor, *l.c.*
Cultivated in W. India.

var. *javanicum* (Hack.) Snowden in Kew Bull. 1935: 250. 1935; Bor, *l.c.*

Andropogon sorghum ssp. *sativus* var. *javanicus* Hack. in DC., Monogr. Phan. 6: 517. 1889.
Cultivated in C. & N.W. India.

var. *maximum* Snowden in Kew Bull. 1935: 251. 1935; Bor, *l.c.*
Cultivated in W. India.

var. *mediocre* (Burkill ex Benson & Subbarao) Snowden in Kew Bull. 1935: 249. 1935; Bor, *l.c.*

Andropogon sorghum var. *mediocris* Burkill ex Benson & Subbarao in Madras Dept. Agric. Bull. no. 55: 68. 1906, *p.p.*
Cultivated in S. India.

var. *rivulare* Snowden in Kew Bull. 1935: 251. 1935; Bor, *l.c.*
Cultivated in W. India.

Sorghum halepense (L.) Pers., Syn. Pl. 1: 101. 1805; Bor, Grass. Ind. 222. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 295. 1982.

Holcus halepensis L., Sp. Pl. 1047. 1753.

Andropogon halepensis (L.) Brot., Fl. Lurib. 1: 89. 1804; Hook. f., Fl. Brit. India 7: 182. 1896.

Andropogon miliaceus Roxb., Fl. Ind. 1: 276. 1820.

Sorghum miliaceum (Roxb.) Snowden in J. Linn. Soc. 55: 207. 1935; Bor, *l.c.* 223.

Sorghum miliaceum var. *parvispiculum* Snowden, *l.c.* 209; *Bor, l.c.*

Throughout India.

Sorghum leiocladum (Hack.) C.E. Hubb. in Hook., *l.c.* Pl. 1: 3364. 1938; *Bor, Grass. Ind.* 245. 1960.

Andropogon australis Spr. ssp. *leiocladus* Hack. in DC., *Monogr. Phan.* 6: 524. 1889. introduced.

Sorghum membranaceum Chiov. in *Monogr. Rapp. Col. Roma*, 19, 23, 24, 27. 1912; *Bor, Grass. Ind.* 237. 1960.

Sorghum papyrascens Stapf in Prain, *Fl. Trop. Afr.* 9: 134. 1917.

var. *membranaceum*.

Cultivated in Madhya Pradesh.

var. *ehrenbergianum* (Koern.) Snowden in *Kew Bull.* 1935: 231. 1935; *Bor, l.c.*

Andropogon sorghum var. *ehrenbergianus* Koern. in *Mem. Inst. Egypt.* 2: 163. 1887.

Cultivated.

var. *lateritium* (Stapf) Snowden in *Kew Bull.* 1935: 231. 1935; *Bor, l.c.*

Sorghum papyrascens var. *lateritium* Stapf in Prain, *Fl. Trop. Afr.* 9: 134. 1917.

Cultivated in Madhya Pradesh.

Sorghum miliiforme (Hack.) Snowden in *Kew Bull.* 1935: 237. 1935; *Bor, Grass. Ind.* 239. 1960.

Andropogon sorghum ssp. *sativus* var. *miliiformis* Hack. in DC., *Monogr. Phan.* 6: 518. 1889.

var. *miliiforme*.

Cultivated in E. Himalaya.

var. *rotundulum* Snowden in *Kew Bull.* 1935: 237. 1935; *Bor, l.c.*

Cultivated in E. & N.E. India.

var. *sikkimense* Snowden in *Kew Bull.* 1935: 237. 1935; *Bor, l.c.*

Cultivated in E. Himalaya.

Sorghum nervosum Bess. ex Schult. in R. & S., *Syst. Veg.* 2: Mant. 669. 1827; *Bor, Grass. Ind.* 239. 1960.

Cultivated in Bihar and Orissa.

Sorghum nitidum (Vahl) Pers., *Syn. Pl.* 1: 101. 1805; *Bor, Grass. Ind.* 245. 1960.

Holcus nitidus Vahl, *Symb. Bot.* 2: 102. 1791.

Andropogon serratus Thunb., *Fl. Jap.* 41. 1784; Hook. f., *Fl. Brit. India* 7: 185. 1896.

Throughout India, Nicobar Islands.

Sorghum proplinquum (Kunth) Hitchc. var. *siamense* (Piper) Snowden in *J. Linn. Soc.* 55: 214. 1955; *Bor, Grass. Ind.* 223. 1960.

Andropogon halepensis ssp. *siamensis* Piper in *Proc. Biol. Soc. Wash.* 28: 30. 1915.

Cultivated in S. India.

Sorghum purpureo-sericeum (Hochst. ex A. Rich.) Aschers. & Schweinf. in *Schweinf. Beitr. Fl. Aethiop.* 310. 1867; *Bor, Grass. Ind.* 246. 1960.

Andropogon purpureo-sericeus Hochst. ex A. Rich., *Tent. Fl. Abyss.* 2: 469. 1851; Hook. f., *Fl. Brit. India* 7: 185. 1896.

Peninsular India.

Sorghum roxburghii Stapf in Prain, *Fl. Trop. Afr.* 9: 126. 1917; Hara *et al.*, *Enum. Fl. Pl. Nepal* 1: 146. 1978.

var. *roxburghii*.

Introduced into India.

var. *fulvum* (Hack.) Snowden in *Kew Bull.* 1935: 228. 1935; *Bor, Grass. Ind.* 241. 1960.

Andropogon sorghum ssp. *sativus* var. *fulvus* Hack. in DC., *Monogr. Phan.* 6: 512. 1889.

Cultivated.

var. *hians* Stapf in Prain, *Fl. Trop. Afr.* 9: 127. 1917; *Bor, l.c.*

Andropogon sorghum var. *hians* Stapf in Hook. f., *Fl. Brit. India* 7: 184. 1896.

Cultivated.

var. *nanum* Snowden in *Kew Bull.* 1935: 228. 1935; *Bor, l.c.*

Cultivated in Bihar & Orissa.

Sorghum subglabrescens (Steud.) Schweinf. & Aschers. in *Schweinf., Beitr. Fl. Aethiop.* 302, 306. 1867; *Bor, Grass. Ind.* 242. 1960.

Andropogon subglabrescens Steud., *Syn. Pl. Glum.* 1: 393. 1854.

var. *subglabrescens*.

Cultivated in W. & N.W. India.

var. *compactum* (Burkill ex Benson & Subbarao) Snowden in *Kew Bull.* 1935: 253. 1935; *Bor, l.c.* 243.

Andropogon sorghum var. *compactus* Burkill ex

Benson & Subbarao in Madras Dept. Agric. Bull. no. 55: 67, 69. 1906, p.p; also var. *irungiformis* subvar. *sulphureus* and var. *mediocris* sub var. *fuscescens* Burkill, l.c.
Cultivated in Peninsular India.

var. *irungiforme* (Burkill ex Benson & Subbarao) Snowden in Kew Bull. 1935: 253. 1935; Bor, l.c.

Andropogon sorghum var. *irungiformis* subvar. *pallidus* & var. *mediocris* subvar. *fuscescens* Burkill ex Benson & Subbarao in Madras Dept. Agric. Bull. No. 55: 69. 1906, p.p.
Cultivated in Peninsular India.

var. *latum* Snowden in Kew Bull. 1935: 255. 1935; Bor, l.c.
Cultivated at Poona College Farm.

var. *oviforme* Snowden in Kew Bull. 1935: 254. 1935; Bor, l.c.
Cultivated, Peninsular India to Madhya Pradesh.

var. *pabulare* Snowden in Kew Bull. 1935: 252. 1935; Bor, l.c.
Cultivated at Poona College Farm.

var. *paniculatellum* (Chiov.) Snowden in Kew Bull. 1935: 253. 1935; Bor, l.c.

Sorghum basiplicatum var. *paniculatellum* Chiov. in Monogr. Rapp. Colon. Roma no.19: 38. 1912.
Cultivated at Poona College Farm.

var. *rubidum* (Burkill ex Benson & Subbarao) Snowden in Kew Bull. 1935: 253. 1935; Bor, l.c.

Andropogon sorghum var. *irungiformis* subvar. *rubidus* and var. *mediocris* subvar. *ruber* Burkill ex Benson & Subbarao in Madras Dept. Agric. Bull. no. 55: 68, 69. 1906.
Cultivated in S. India.

var. *rugulosum* (Hack.) Snowden in Kew Bull. 1935: 252. 1935; Bor, l.c.

Andropogon sorghum ssp. *sativus* var. *rugulosus* Hack. in DC., Monogr. Phan. 6: 508. 1889.
Cultivated at Nagpur farm.

SPARTINA Schreb., Gen. 43. 1789.

Spartina alterniflora Loisel., Fl. Gall. 719. 1807; Shah & Badrinath in J. Econ. Tax. Bot. 6: 140. 1985.
Gujarat.

SPHAEROCARYUM Nees ex Hook. f., Fl. Brit. India 7: 246. 1896.

Sphaerocaryum malaccense (Trin.) Pilger in Fedde, Repert. 45: 2. 1938; Bor, Grass. Ind. 583. 1960.

Panicum malaccense Trin., Gram. Paniz. 204. 1826.

Sphaerocaryum elegans Nees ex Steud., Nom. Bot. ed. 2.2: 620. 1841; Hook. f., Fl. Brit. India 7: 246. 1896.
N.E. India.

SPINIFEX L., Mant. 163. 300. 1771.

Spinifex littoreus (Burm.f.) Merr. in Philipp. J. Sci. Bot. 7: 229. 1912; Bor, Grass. Ind. 366. 1960.

Stipa littorea Burm. f., Fl. Ind. 29. 1768.

Spinifex squarrosus L., Mant. 2: 300. 1771; Hook. f., Fl. Brit. India 7: 63. 1896.
Sandy coasts of Peninsular India, Andaman & Nicobar Islands.

SPODIPOGON Trin., Fund. Agrost. 192. 1822.

ECCOILOPUS Steud., Syn. Fl. Glum. 1: 123. 1854.

Spodiopogon cotulifer (Thunb.) Hack. in DC., Monogr. Phan. 6: 187. 1889; Hook. f., Fl. Brit. India 7: 108. 1896; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 258. 1982.

Andropogon cotulifer Thunb., Fl. Jap. 41. 1784 ("cotuliferum").

Eccoilopus cotulifer (Thunb.) A. Camus in Ann. Soc. Linn. Lyon n.s. 70: 92. 1923; Bor, Grass. Ind. 145. 1960.
W. Temperate Himalaya, N.E. India.

Spodiopogon dubius Hack. in DC., Monogr. Phan. 6: 186. 1889; Hook. f., Fl. Brit. India 7: 108. 1896; Bor, Grass. Ind. 246. 1960.
Temperate Himalaya.

Spodiopogon jainii V.J. Nair, A.N. Singh & N.C. Nair in Curr. Sci. 50: 730. 1981.
Madhya Pradesh.
Spodiopogon lacei Holt in Indian For. Rec. 5:

185. 1915; Bor, Grass. Ind. 246. 1960.
N.E. India.

Sporobolus rhizophorus (Steud.) Pilger in Engl. & Prantl, Pflanzenf. Aufl. 2, 14e: 119. 1940; Bor, Grass. Ind. 246. 1960.

Andropogon rhizophorus Steud., Syn. Pl. Glum. 1: 381. 1854.

Sporobolus albidus Bth. in J. Linn. Soc. 19: 66. 1881; Hook. f., Fl. Brit. India 7: 108. 1896.
Peninsular & N.W. India.

SPOROBOLUS R. Br., Prodr. 169. 1810.

Sporobolus aroides (Torr.) Torr. in U.S. Rpt. Expl. Miss. Pacif. 7: 21. 1856; Bor, Grass. Ind. 627. 1960.

Agrostis aroides Torr. in Ann. Lyc. N.Y. 1: 151. 1824.
Introduced.

Sporobolus arabicus Boiss., Diagn. 1, 13: 47. 1853; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 140. 1982.

Sporobolus marginatus auct. non Hochst. ex A. Rich. 1851; Bor, Grass. Ind. 632. 1960, p.p.
Drier parts of India.

Sporobolus capillaris Miq. in Verh. Konink. Nederl. Inst. 3(4): 37. 1851; Bor, Grass. Ind. 627. 1960.

Sporobolus scabrifolius Bhide in J. Proc. Asiat. Soc. Beng. (n.s.) 8: 312. 1912.
Peninsular India.

Sporobolus coromandelianus (Retz.) Kunth, Rev. Gram. 1: 68. 1829; Hook. f., Fl. Brit. India 7: 252. 1896; Bor, Grass. Ind. 627. 1960.

Agrostis coromandeliana Retz., Obs. Bot. 4: 19. 1786.
Plains of India.

Sporobolus festivus Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 398. 1851; Patunkar in Bull. Bot. Surv. India 17: 168, f.1.(1975) 1978.
W. India.

Sporobolus flmhrtatus Nees, Fl. Afr. Austr. 156. 1841; Bor, Grass. Ind. 629. 1960.
Introduced.

Sporobolus helvotus (Trin.) Th. Dur. & Schinz, Consp. Fl. Afr. 5: 820. 1895; Bor, Grass. Ind. 629. 1960.

Vilfa helvola Trin. in Mem. Acad. Sci. Petersb. 6, 5(2): 52. 1839.

Sporobolus glaucifolius Hochst. ex Steud., Syn. Pl. Glum. 154. 1854; Hook. f., Fl. Brit. India 7: 250. 1896.
N.W. India.

Sporobolus indicus (L.) R. Br., Prodr. 170. 1810 var. *diander* (Retz.) Jovet & Guedes in Bull. Centre Et. Rech. Sc. Biarritz 7: 65. 1968 & in Taxon 22: 163. 1973.

Agrostis diandra Retz., Obs. Bot. 5: 19. 1789.

Sporobolus diander (Retz.) P. Beauv., Ess. Agron. 26, 147, 178. 1812; Hook. f., Fl. Brit. India 7: 247. 1896; Bor, Grass. Ind. 629. 1960.
Throughout India.

var. *fertilis* (Steud.) Jovet & Guedes in Bull. Centre Et. Rech. Sc. Biarritz 7: 50. 1968 & in Taxon 22: 163. 1973.

Agrostis fertilis Steud., Syn. Pl. Glum. 170. 1855.

Sporobolus fertilis (Steud.) W.D. Clayton in Kew Bull. 19: 291. 1965.

Sporobolus indicus auct. non (L.) R. Br., Prodr. 170. 1810; Hook. f., Fl. Brit. India 7: 247. 1896; Bor, l.c. 630.
Throughout India.

Sporobolus loctados (Nees ex Trin.) Nees, Fl. Afr. Austr. 161. 1841; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 141. 1982.

Vilfa loctados Nees ex Trin. in Mem. Acad. Sci. Petersb. 6, 4: 65. 1840.

Sporobolus marginatus Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 397. 1851; Bor, Grass. Ind. 632. 1960, p.p.

Sporobolus arabicus sensu Hook. f., Fl. Brit. India 7: 252. 1896 non Boiss. 1853.
N.W. India.

Sporobolus maderaspatanus Bor in Kew Bull. 1957: 234. 1957 & Grass. Ind. 632. 1960.

Sporobolus orientalis Kunth, nomen illegit.; Hook. f., Fl. Brit. India 7: 251. 1896.
Peninsular India.

Sporobolus piliferus (Trin.) Kunth, Enum. Pl. 1: 211. 1833; Hook. f., Fl. Brit. India 7: 251. 1896; Bor, Grass. Ind. 632. 1960.

Vilfa pilifera Trin., Diss. Bot. 157. 1824.

Temperate places and hills of India.

Sporobolus splendens (Vahl) Kunth, Rev. Gram. 1: 67. 1829; Hook. f., Fl. Brit. India 7: 250. 1896; Bor, Grass. Ind. 632. 1960.

Agrostis spicata Vahl, Symb. Bot. 1: 9. 1790.
Peninsular India.

Sporobolus tenuissimus (Schrank) O. Ktze., Rev. Gen. Pl. 3: 369. 1893; Bor, Grass. Ind. 633. 1960.

Panicum tenuissimum Schrank in Denkschr. Bot. Ges. Regensb. 2: 26. 1822.

Vilfa minutiflora Trin., Diss. Bot. 158. 1824.

Sporobolus minutiflorus (Trin.) Link, Enum. Hort. Berol. 1: 88. 1827; Hook. f., Fl. Brit. India 7: 248. 1896.
Peninsular India.

Sporobolus tetragonus Bor in Kew Bull. 1949: 251. 1949 & Grass. Ind. 633. 1960.

Sporobolus pulchellus Hook. f., Fl. Brit. India 7: 252. 1896 non R. Br., 1810.
C. & E. India.

Sporobolus tourneuxii Coss. in Bull. Soc. bot. Fr. 36: 250. 1889; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 143. 1982.

Sporobolus indicus Stapf ex T. Cooke, Fl. Pres. Bombay 2: 1018. 1908 (3: 539. 1967, Repr. ed.).
N.W. India.

Sporobolus tremulus (Willd.) Kunth, Rev. Gram. 1: 67. 1829; Hook. f., Fl. Brit. India 7: 250. 1896; Bor, Grass. Ind. 633. 1960.

Agrostis tremula Willd., Sp. Pl. 1: 372. 1798.
Plains of India.

Sporobolus virginicus (L.) Kunth, Rev. Gram. 1: 67. 1829; Bor, Grass. Ind. 634. 1960.

Agrostis virginica L., Sp. Pl. 63. 1753.
Peninsular India.

Sporobolus wallfchli Munro ex Trin. in J. Bot. 27: 171. 1889; Hook. f., Fl. Brit. India 7: 248. 1896; Bor, Grass. Ind. 634. 1960.
S. & E. India.

Doubtful species:

Sporobolus violascens Mez in Fedde, Repert. 17: 298. 1921 may be *S. coromandelianus* (Bor, Grass. Ind. 634. 1960.).

STENOTAPHRUM Trin., Fund. Agrost. 175. 1822.

Stenotaphrum dimidiatum (L.) Brongn. in Duperr., Bot. Voy. Coq. 127. 1831; Bor, Grass. Ind. 366. 1960.

Panicum dimidiatum L., Sp. Pl. 57. 1753.

Stenotaphrum glabrum Trin., Fund. Agrost. 176. 1822; Hook. f., Fl. Brit. India 7: 90. 1896.
Plains of India.

STIPA L., Sp. Pl. 78. 1753.

Stipa arabica Trin. & Rupr., Sp. Gram. Stirp. 77. 1842; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 544. 1982.

Stipa arabica var. *szowitsiana* Trin. in Trin. & Rupr., Sp. Gram. Stirp. 77. 1842.

Stipa szowitsiana (Trin.) Griseb. in Ledeb., Fl. Ross. 4: 450. 1852; Bor, Grass. Ind. 647. 1960.
N.W. Himalaya.

Stipa breviflora Griseb. in Nachr. Ges. Wiss. Göttingen 1868: 82. 1868; Bor, Grass. Ind. 643. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 542. 1982.
N.W. India.

Stipa bungeana Trin. ex Bunge in Mem. Sav. Etr. Petersb. 2: 144. 1835; Bor, Grass. Ind. 643. 1960.
E. Himalaya.

Stipa capensis Thunb., Prodr. Plant. Cap. 19. 1794; Bor, Grass. Ind. 643. 1960.

Stipa tortilis Desf., Fl. Atl. 1: 99, t. 31, f. 1. 1798; Hook. f., Fl. Brit. India 7: 231. 1896.
N.W. India.

Stipa capillata L., Sp. Pl. ed. 2. 116. 1762; Hook. f., Fl. Brit. India 7: 230. 1896; Bor, Grass. Ind. 644. 1960.
N.W. Himalaya.

Stipa caragana Trin. in Mem. Acad. Sci. Petersb. 6, 1: 74. 1830; Bor, Grass. Ind. 644. 1960.
N.W. India.

Stipa caucasica Schum. in Berichte Deutsch. Bot. Ges. 10: 293. 1892; Bor, Grass. Ind. 644. 1960.

N.W. Himalaya.

Stipa chitralensis Bor in Kew Bull. 1954: 500.
1954 & Grass. Ind. 644. 1960.
N.W. Himalaya.

Stipa concluna Hook. f., Fl. Brit. India 7: 230.
1896; Bor, Grass. Ind. 644. 1960.
Himalaya.

Stipa consanguinea Trin. & Rupr., Sp. Gram.
Stirp. 78. 1842 & in Mem. Acad. Sci. Petersb.
6, 7:78. 1843; Bor, Grass. Ind. 644. 1960.

Stipa koeleri R.R. Stewart in Brittonia 5: 441.
1945.
Himalaya.

Stipa duthiei Hook. f., Fl. Brit. India 7: 232.
1896; Bor, Grass. Ind. 644. 1960.
W. to C. Himalaya.

Stipa himalaica Roshev. in Not. Syst. Hort.
Bot. Petr. 5: 11. 1924; Bor, Grass. Ind. 644.
1960.

Stipa pennata Hook. f., Fl. Brit. India 7: 230.
1896 non L., 1753.
W. Himalaya.

Stipa jacquemontii Jaub. & Spach, Ill. Pl. Or.
4: 60, t. 339. 1851; Hook. f., Fl. Brit. India 7:
232. 1896; Bor, Grass. Ind. 645. 1960.
N.W. Himalaya.

Stipa kirghisorum P. Smir. in Fedde, Repert.
21: 232. 1925; T.A. Cope in Nasir & Ali, Fl.
Pak. 143: 546. 1982.
N.W. Himalaya.

Stipa mongholica Turcz. ex Trin. in Bull. Sci.
Acad. Petersb. 1: 67. 1836; Hook. f., Fl. Brit.
India 7: 229. 1896; Bor, Grass. Ind. 645. 1960.
Alpine Himalaya.

Stipa orientalis Trin. in Ledeb., Fl. Alt. 1: 83.
1839; Hook. f., Fl. Brit. India 7: 229. 1896;
Bor, Grass. Ind. 645. 1960.
N.W. Himalaya.

Stipa purpurea Griseb. in Goett. Nachr. 82.
1868; Hook. f., Fl. Brit. India 7: 229. 1896;
Bor, Grass. Ind. 645. 1960.
N.W. Himalaya.

Stipa regeliana Hack. in Sitzb. Akad. Wien 89:
130. 1884; Bor, Grass. Ind. 646. 1960.
N.W. Himalaya.

Stipa roborowskyi Roshev. in Bot. Mater. Gerb.
glavn. bot. Sada 1(6):1. 1920; T.A. Cope in
Nasir & Ali, Fl. Pak. 143: 543. 1982.

Stipa basi-plumosa Munro ex Hook. f. var.
longe-aristata Munro ex Hook. f., Fl. Brit. India
7: 229. 1896.

Stipa purpurea sensu Bor, Grass. Ind. 645.
1960, non Griseb., 1868.
N.W. Himalaya.

Stipa roylei (Nees) Mez in Fedde, Repert. 17:
207. 1921; Bor, Grass. Ind. 646. 1960.

Orthoraphium roylei Nees in Proc. Linn. Soc. 1:
94. 1841.

Stipa orthoraphium Steud., Syn. Pl. Glum. 1:
131. 1854; Hook. f., Fl. Brit. India 7: 233.
1896.
Temperate Himalaya, N.E. India.

Stipa sibirica (L.) Lam., Ill. 1: 158. 1791;
Hook. f., Fl. Brit. India 7: 231. 1896; Bor,
Grass. Ind. 646. 1960.

Avena sibirica L., Sp. Pl. 79. 1753.

Stipa brandisii Mez in Fedde, Repert. 17: 207.
1921.
Temperate W. to C. Himalaya.

Stipa splendens Trin. in Spr., Neue Entdeck. 2:
54. 1821; Hook. f., Fl. Brit. India 7: 232. 1896;
Bor, Grass. Ind. 647. 1960; T.A. Cope in Nasir
& Ali, Fl. Pak. 143: 531. 1982.

Stipa splendens var. *gracilis* Bor, l.c.
Himalaya.

Stipa staintonii Bor in Bull. Bot. Surv. India 7: 133. 1965.
Nepal.

Stipa subsessiliflora (Rupr.) Roshev. in Fedtsch., Fl. Asiat. Ross. 12: 128. 1916; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 537. 1982.

Lasiagrostis subsessiliflora Rupr. in Osten-Sacken & Rupr., Serit. Tiansch. 35. 1869.

Stipa basiptumosa Munro ex Hook. f., Fl. Brit. India 7: 229. 1896; Bor, Grass. Ind. 643. 1960.

N.W. Himalaya.

Stipa trichoides P. Smir. in Fedde, Repert. 21: 233. 1925; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 545. 1982.
N.W. Himalaya.

STIPAGROSTIS Nees in Linnaea 7: 290. 1832.

Stipagrostis hirtigluma (Staud. ex Trin. & Rupr.) De Winter in Kirkia 3: 136. 1963 & in Bothalia 8: 361. 1965; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 52. 1982.

Aristida hirtigluma Staud. ex Trin. & Rupr., Sp. Gram. Stirp. 171. 1842 & in Mem. Acad. Sci. Petersb. 6, 7: 171. 1843; Hook. f., Fl. Brit. India 7: 227. 1896; Bor, Grass. Ind. 410. 1960.
N.W. India.

Stipagrostis paradisea (Edgew.) De Winter in Kirkia 3: 135. 1963; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 53. 1982.

Aristida paradisea Edgew. in J. Asiat. Soc. Beng. 16: 1219. 1847; Bor, Grass. Ind. 411. 1960.
N.W. Himalaya.

Stipagrostis plumosa (L.) Munro ex T. And. in J. Linn. Soc. 5, Suppl. 1: 40. 1860; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 50. 1982.

Aristida plumosa L., Sp. Pl. ed. 2, 2: App. 1666. 1763; Hook. f., Fl. Brit. India 7: 228. 1896; Bor, Grass. Ind. 411. 1960.
N.W. India.

Stipagrostis pogonoptila (Jaub. & Spach) De Winter in Kirkia 5: 135. 1963; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 55. 1982.

Arthrasterum pogonoptilum Jaub. & Spach, Ill. Pl. Or. 4: 56. 1851.

Aristida pogonoptila (Jaub. & Spach) Boiss., Fl. Orient. 5: 496. 1884; Bor, Grass. Ind. 411. 1960.
N.W. India.

Stipagrostis pungens (Desf.) De Winter in Kirkia 3: 135. 1963; Bor in Rech. f., Fl. Iran. 70: 375. 1970.

Aristida pungens Desf., Fl. Atl. 1: 109, t. 35. 1798; Bor, Grass. Ind. 411. 1960.
Introduced.

STREPTOGYNA P. Beauv., Ess. Agrost. 80. 1812.

Streptogyna crinita P. Beauv., Ess. Agrost. 80, t. 16, f. 8. 1812; Hook. f., Fl. Brit. India 7: 333. 1896; Bor, Grass. Ind. 649. 1960.
S. India.

TETRAPOGON Desf., Fl. Atl. 2: 388. 1799.

Tetrapogon tenellus (Koen. ex Roxb.) Chiov. in Ann. Ist. Bot. Roma 8: 352. 1908; Bor, Grass. Ind. 475. 1960.

Chloris tenella Koen. ex Roxb., Fl. Ind. 1: 330. 1820; Hook. f., Fl. Brit. India 7: 290. 1896.
Peninsular & N.W. India.

Tetrapogon villosus Desf., Fl. Atl. 2: 389, t. 255. 1799; Bor, Grass. Ind. 475. 1960.

Chloris villosa (Desf.) Pers., Syn. Pl. 1: 87. 1805; Hook. f., Fl. Brit. India 7: 291. 1896.
N.W. India.

THELEPOGON Roth ex R. & S., Syst. Veg. 2: 46, 788. 1817.

Thelepogon elegans Roth ex R. & S., Syst. Veg. 2: 788. 1817; Hook. f., Fl. Brit. India 7: 148. 1896; Bor, Grass. Ind. 247. 1960.
Peninsular to C. India.

THEMEDA Forsk., Fl. Aeg.-Arab. 178. 1775.

Themeda anathera (Nees ex Steud.) Hack. in DC., Monogr. Phan. 6: 669. 1889; Bor, Grass. Ind. 249. 1960.

Anthistiria anathera Nees ex Steud., Syn. Pl. Glum. 1: 402. 1855; Hook. f., Fl. Brit. India 7: 215. 1896.
N.W. to C. Himalaya.

Themeda arguens (L.) Hack. in DC., Monogr. Phan. 6: 657. 1889; Bor, Grass. Ind. 250. 1960.

Stipa arguens L., Sp. Pl. ed. 2. 117. 1762.

Anthistiria arguens (L.) Willd., Sp. Pl. 4: 901. 1806; Hook. f., Fl. Brit. India 7: 211. 1896.
Andaman Islands.

Themeda arundinacea (Roxb.) Ridl. in Trans. Linn. Soc. 2, 3: 401. 1893; Bor, Grass. Ind. 250. 1960.

Anthistiria arundinacea Roxb., Fl. Ind. 1: 256. 1820.

Anthistiria gigantea Cav. ssp. *arundinacea* (Roxb.) Hack. in DC., Monogr. Phan. 6: 674. 1889; Hook. f., Fl. Brit. India 7: 217. 1896.
Plains of N. India eastwards, N.E. India, Himalaya.

Themeda caudata (Nees) A. Camus in Lecomte, Fl. Gen. de l'Indo-Chine 7: 364. 1922; Bor, Grass. Ind. 250. 1960.

Anthistiria caudata Nees in Hook. & Arn., Bot. Beechey Voy. 245. 1838.

Anthistiria gigantea ssp. *caudata* (Nees) Hack. in DC., Monogr. Phan. 6: 676. 1889, *p.p.*; Hook. f., Fl. Brit. India 7: 217. 1896.
N.E. India; E. to C. Himalaya.

Themeda cymbaria Hack. in DC., Monogr. Phan. 6: 668. 1889; Bor, Grass. Ind. 251. 1960.

Anthistiria cymbaria Roxb., Fl. Ind. 1: 255. 1820 *excl. syn.*; Hook. f., Fl. Brit. India 7: 215. 1896.
Peninsular India.

Themeda decruzii Birwi in J. Bombay nat. Hist. Soc. 70: 346. 1973.

Uttar Pradesh.

Themeda hookeri (Griseb.) A. Camus in Bull. Mus. Hist. Nat. Paris 26: 425. 1920; Bor, Grass. Ind. 251. 1960.

Anthistiria hookeri Griseb. in Goetting. Nachr. 91. 1868; Hook. f., Fl. Brit. India 7: 216. 1896.
E. to C. Himalaya.

Themeda huttonensis Bor in Indian For. Rec. (Bot.) 1 (3): 95. 1938 & Grass. Ind. 251. 1960.
Endemic in N.E. India.

Themeda x intermedia (Hack.) Bor in Indian For. Rec. (Bot.) 1(3): 96. 1938 & Grass. Ind. 251. 1960.

Themeda gigantea ssp. *intermedia* var. *intermedia* Hack. in DC., Monogr. Phan. 6: 675. 1889.
N.E. India.

This is a putative hybrid between *Themeda arundinacea* (Roxb.) Ridl. and *Themeda villosa* (Poir.) A. Camus.

Themeda laxa (Anderss.) A. Camus in Bull. Mus. Hist. Nat. Paris 26: 423. 1920; Bor, Grass. Ind. 251. 1960.

Anthistiria laxa Anderss. in Nov. Act. Sci. Upsal. 3, 2: 243. 1856; Hook. f., Fl. Brit. India 7: 213. 1896.
S. & C. India, E. Himalaya.

Themeda longispatha (Hack.) Raiz. & Jain in Indian Forester 80: 45. 1954; Bor, Grass. Ind. 251. 1960.

Themeda gigantea (Cav.) Hack. ssp. *avenacea* var. *longispatha* Hack. in DC., Monogr. Phan. 6: 677. 1889.
Himalaya.

Themeda mooneyi Bor in Kew Bull. 1951:451. 1952 & Grass. Ind. 252. 1960.
Endemic in Orissa.

Themeda quadrivalvis (L.) O. Ktze., Rev. Gen. Pl. 2: 794. 1891; Bor, Grass. Ind. 252. 1960.

Andropogon quadrivalvis L. in Murr., Syst. Veg. ed. 13. 758. 1774.

Anthistiria ciliata L. f., Suppl. 113. 1781; Hook. f., Fl. Brit. India 7: 213. 1896.

var. *quadrivalvis*.
Drier regions of India.

var. *hefferi* (Hack.) Bor, Grass. Ind. 252. 1960.

Themeda helferi Hack. in DC., Monogr. Phan. 6: 665. 1889.

Andaman Islands.

Themeda saxicola Bor in Kew Bull. 1951: 452. 1952 & Grass. Ind. 252. 1960.

Endemic in Orissa.

Themeda strigosa (Buch.-Ham. ex Hook.f.) A. Camus in Bull. Mus. Hist. Nat. Paris 26: 423. 1920; Bor, Grass. Ind. 252. 1960.

Anthistiria strigosa Buch.-Ham. ex Hook. f., Fl. Brit. India 7: 214. 1896.

N.E. to W. India.

Themeda x subsericans (Nees ex Steud.) Ridl., Fl. Malay Pen. 5: 212. 1925; Bor, Grass. Ind. 252. 1960.

Anthistiria subsericans Nees ex Steud., Syn. Pl. Glum. 1: 401. 1855.

N.E. India.

This is assumed to be a hybrid between *Themeda arundinacea* and *Themeda villosa*.

Themeda tremula (Nees ex Steud.) Hack. in DC., Monogr. Phan. 6: 667. 1889; Bor, Grass. Ind. 254. 1960.

Anthistiria tremula Nees ex Steud., Syn. Pl. Glum. 1: 401. 1855; Hook. f., Fl. Brit. India 7: 214. 1896.

Peninsular India.

Themeda triandra Forssk., Fl. Aeg.-Arab. 123 & 178. 1775; Bor, Grass. Ind. 254. 1960.

Anthistiria imberbis Retz., Obs. Bot. 3: 11. 1783; Hook. f., Fl. Brit. India 7: 211. 1896.

Themeda imberbis (Retz.) T. Cooke, Fl. Pres. Bombay 2: 993. 1908 (3:513. 1967, Repr. ed.).
Hotter parts of India.

Themeda villosa (Poir.) A. Camus in Lecomte, Fl. Gen. de l'Indo-Chine 7: 364. 1922; Bor, Grass. Ind. 254. 1960.

Anthistiria villosa Poir. in Lam., Encycl. 1: 396. 1814.

Anthistiria gigantea ssp. *villosa* (Poir.) Hack. in DC., Monogr. Phan. 6: 675. 1889; Hook. f., Fl. Brit. India 7: 217. 1896.

E. to C. Himalaya, N.E. India.

THUAREA Pers., Syn. Pl. 1: 110. 1805.

Thuarea involuta (G.Forst.) R. Br. ex R. & S., Syst. Veg. 2: 808. 1817; Bor, Grass. Ind. 368. 1960.

Ischaemum involutum G. Forst., Fl. Ins. Austr. Prodr. 73. 1786.

Thuarea sarmentosa Pers., Syn. Pl. 1: 110. 1805; Hook. f., Fl. Brit. India 7: 91. 1896.

Shores of Islands, Nicobar Islands, Islets off S.Kanara Coast, Lakshadweep; incidentally, so far not found on mainlands including India.

THYSANOLAENA Nees in Edinb. New Phil. J. 18: 180. 1835.

Thysanolaena maxima (Roxb.) O. Ktze., Rev. Gen. Pl. 2: 794. 1891; Bor, Grass. Ind. 650. 1960.

Agrostis maxima Roxb., Fl. Ind. 1: 319. 1820.

Thysanolaena agrostis Nees in Edinb. New Phil. J. 18: 180. 1835; Hook. f., Fl. Brit. India 7: 61. 1896.

Warmer regions in low hills of India, Andaman & Nicobar Islands.

TRACHYS Pers., Syn. Pl. 1: 85. 1805.

Trachys muricata (L.) Pers. ex Trin. in Mem. Acad. Sci. Petersb. 6, 3: 189. 1834; Bor, Grass. Ind. 369. 1960.

Cenchrus muricatus L., Mant. 2: 302. 1771.

Trachys mucronata Pers., Syn. Pl. 1: 85. 1805; Hook. f., Fl. Brit. India 7: 96. 1896.
S. India.

TRAGUS Hall, Hist. Stirp. Helv. 2: 203. 1768 (nom. cons.).

Tragus roxburghii Panigr. in Kew Bull. 29: 496. 1974.

Tragus racemosus Hook. f., Fl. Brit. India 7: 97. 1896 non Scop., 1777.

Tragus biflorus auct. non Schult., 1824; Bor, Grass. Ind. 682. 1960.

Drier plains of India.

TRICHLORIS Fourr. ex Bth. in J. Linn. Soc. Bot. 19: 102. 1881.

Trichloris crinita (Lag.) Parodi in Rev. Argent. Agron. 14: 63. 1947; Bor, Grass. Ind. 475. 1960.

Chloris crinita Lag. in Var. Cienc. 4: 143. 1805.
Introduced.

Trichloris pluriflora Pourn., Mex. Pl. 2: 142. 1886; Bor, Grass. Ind. 476. 1960.
Introduced.

TRICHOLAENA Schrad. ex J.A. & J.H. Schult., Mant. 2: 8, 163. 1824.

Tricholaena teneriffae (L.f.) Link, Handb. Erkenn. Gewachse 1: 91. 1829; Parl. in Webb. & Berth., Hist. Nat. Canar. 3: 425. 1849-50; Hook. f., Fl. Brit. India 7: 65. 1896; Bor, Grass. Ind. 369. 1960.

Saccharum teneriffae L. f., Suppl. 106. 1781.
N.W. India.

TRIKERAIA Bor in Kew Bull. 1954: 555. 1955.

Trikerala hookeri (Stapf) Bor in Kew Bull. 1954: 555. 1955 & Grass. Ind. 647. 1960.

Stipa hookeri Stapf in J. Linn. Soc. 30: 120. 1894.

Timouria aurita Hitchc. in J. Wash. Acad. Sci. 23: 134. 1933.

var. *hookeri*.
N.W. Himalaya.

var. *ramosa* Bor in Kew Bull. 1954: 557. 1955 & *l.c.*
E. Himalaya.

TRILOBACHNE Schenck ex Henr. in Meded. Rijks Herb. Leiden 67: 4, 1931.

Trilobachne cookii (Stapf) Schenck ex Henr. in Meded. Rijks Herb. Leiden n. 67: 4, 1931; Bor, Grass. Ind. 268. 1960.

Polytocx cookii Stapf in Hook., *l.c.* Pl. t. 2333. 1894; Hook. f., Fl. Brit. India 7: 101. 1896.
Endemic in Peninsular India.

TRIPLOPOGON Bor in Kew Bull. 1954: 52. 1954.

Triplopogon ramosissimus (Hack.) Bor in Kew Bull. 1954: 501. 1954 & Grass. Ind. 255. 1960.

Ischaemum ramosissimum Hack. in DC., Monogr. Phan. 6: 249. 1889; Hook. f., Fl. Brit. India 7: 137. 1896.

Ischaemum spathiflorum Hook. f., *l.c.* 138.
Endemic in Peninsular India.

TRIPOGON R. & S., Syst. Veg. 2: 34, 600. 1817.

Tripogon anantaswamianus Sreekumar, V.J. & N.C. Nair in Bull. Bot. Surv. India 25: 185, f. 1. (1983) 1985.
Kerala.

Tripogon bromoides R. & S., Syst. Veg. 2: 600. 1817; Hook. f., Fl. Brit. India 7: 287. 1896; Bor, Grass. Ind. 521. 1960.

Tripogon bromoides var. *longifolius* Hook. f., *l.c.* 288.

Tripogon bromoides var. *major* Stapf ex Hook. f., *l.c.*
Peninsular India.

Tripogon capillatus Jaub. & Spach, Ill. Pl. Ox. 4: 47, t. 332. 1851; Hook. f., Fl. Brit. India 7: 285. 1896; Bor, Grass. Ind. 521. 1960.
Peninsular & E. India.

Tripogon filiformis Nees ex Steud., Syn. Pl. Glum. 1: 301. 1854; Hook. f., Fl. Brit. India 7: 288. 1896; Bor, Grass. Ind. 521. 1960.

var. *filiformis*.
Temperate Himalaya, N.E. India.

var. *tenuispica* Hook. f., Fl. Brit. India 7: 288. 1896; Bor, *l.c.*
Himalaya, N.E. India.

Tripogon Jacquemontii Stapf in Kew Bull. 1892: 85. 1892; Hook. f., Fl. Brit. India 7: 286. 1896; Bor, Grass. Ind. 522. 1960.
Peninsular India.

Tripogon usboae Stapf in Kew Bull. 1892: 84. 1892; Bor, Grass. Ind. 522. 1960.
Peninsular to N.W. India.

Tripogon narayanii Sreekumar, V.J. & N.C. Nair in J. Bombay nat. Hist. Soc. 80: 196, f. 9. 1983.
Kerala.

Tripogon polyanthus Naik & Patankar in Bull. Bot. Surv. India 15: 158. (1973) 1976.
W. India.

Tripogon pungens C.E.C. Fischer in Kew Bull. 1934: 170. 1934; Bor, Grass. Ind. 522. 1960.
Endemic in S. India.

Tripogon purpurascens Duthie in Ann. Roy. Bot. Gard. Calcutta 9: 74, t. 92. 1901; Bor, Grass. Ind. 522. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 77. 1982.

Tripogon abyssinicus Hook. f., Fl. Brit. India 7: 287. 1896 *p.p.* non Nees ex Steud. 1854.

Tripogon jacquemontii Stapf var. *submuticus* Hook. f., *l.c.*

Tripogon hookerianus Bor ex Sultan & R.R. Stewart, Grass. W. Pak. 2: 254. 1959; Bor, *l.c.*
N.W. to C. Himalaya.

Tripogon trifidus Munro ex Stapf in Kew Bull. 1892: 85. 1892; Hook. f., Fl. Brit. India 7: 286. 1896; Bor, Grass. Ind. 524. 1960.
Hills of N.E. India.

Tripogon wightii Hook. f., Fl. Brit. India 7: 286. 1896; Bor, Grass. Ind. 524. 1960.
Endemic in S. India.

TRIPSACUM L., Syst. Nat. ed. 10. 2: 1261. 1759.

Tripsacum dactyloides (L.) L., Syst. Nat. ed. 10. 2: 1261. 1759; Bor, Grass. Ind. 268. 1960.

Coix dactyloides L., Sp. Pl. 972. 1753.
Introduced for fodder.

Tripsacum laxum Nash in N. Am. Fl. 17: 81. 1909; Bor, Grass. Ind. 268. 1960.
Introduced for fodder.

TRISSETARIA Forst., Fl. Aeg.-Arab. LX, 27. 1775.

Trisetaria loeflingiana (L.) Panero in And. Jard. bot. Madr. 9: 527. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 521. 1982.

Avena loeflingiana L., Sp. Pl. 79. 1753.

Trisetum cavanillesii Trin. in Acta Hort. Petrop. 1: 63. 1830.

Trisetaria cavanillesii (Trin.) Maire, Fl. Afr. Nord. 2: 251. 1953; Bor in Townsend *et al.*, Fl. Ind. 9: 356. 1968.

Lophochloa cavanillesii (Trin.) Bor, Grass. Ind. 445. 1960.
N.W. India.

TRISSETUM Pers., Syn. Pl. 1: 97. 1805.

Trisetum seneum (Hook. f.) R.R. Stewart in Brittonia 5: 431. 1945; Bor, Grass. Ind. 447. 1960.

Avena aenea Hook. f., Fl. Brit. India 7: 279. 1896.
W. to C. Himalaya.

Trisetum clarkii (Hook. f.) R.R. Stewart in Brittonia 5: 431. 1945; Bor, Grass. Ind. 447. 1960.

Avena clarkii Hook. f., Fl. Brit. India 7: 278. 1896.
N.W. to C. Himalaya.

Trisetum flaccidum (Hack. ex Hook. f.) R.R. Stewart in Brittonia 5: 431. 1945; Bor, Grass. Ind. 448. 1960.

Avena flaccida Hack. ex Hook. f., Fl. Brit. India 7: 280. 1896.
N.W. India.

Possibly *Festuca gigantea* Vill. (Bor, *l.c.*)

Trisetum flavescens (L.) P. Beauv., Ess. Agrost. 88, 153, 180. 1812; Bor, Grass. Ind. 448. 1960.

Avena flavescens L., Sp. Pl. 80. 1753.
E. Himalaya.

Trisetum micans (Hook. f.) Bor, Grass. Ind. 448. 1960.

Avena micans Hook. f., Fl. Brit. India 7: 279. 1896.
Endemic in Tehri Garhwal.

Trisetum scitulum Bor in Kew Bull. 1956: 212. 1956 & Grass. Ind. 448. 1960.

Avena flavescens Hook. f., Fl. Brit. India 7: 279. 1896 non L. 1753.
E. to C. Himalaya.

Trisetum sikkimense (Hook. f.) Chrtk in Acta Univ. Carol., Praha Biol. 1966: 92. 1967.

Avena sikkimensis Hook. f., Fl. Brit. India 7: 280. 1896.
E. Himalaya.

Trisetum spicatum (L.) Richt., Pl. Eur. 1: 59. 1890; Bor, Grass. Ind. 448. 1960.

Aira spicata L., Sp. Pl. 64. 1753.

Avena subspicata L., Syst. Nat. ed. 10. 873. 1759; Hook. f., Fl. Brit. India 7: 278. 1896.

ssp. *spicatum*.

Alpine and subalpine Himalaya.

ssp. *himalaicum* Hulten in Svensk. Bot. Tidsk. 53: 213. 1959; Melderis in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 148. 1978.
Himalaya.

TRITICUM L., Sp. Pl. 85. 1753.

Triticum aestivum L., Sp. Pl. 85. 1753; Bor, Grass. Ind. 679. 1960.

Triticum vulgare Vill., Hist. Pl. Dauph. 2: 153. 1787; Hook. f., Fl. Brit. India 7: 367. 1896.
Cultivated in various parts of India.

Triticum dicoccum (Schrank) Schubert, Char. & Descr. Cerealium in Hort. Tubing. 29. 1818; Bor, Grass. Ind. 679. 1960.

Triticum spelta L. var. *dicoccum* Schrank, Baier Fl. 1: 389. 1789.
Cultivated.

Triticum durum Desf., Fl. Atl. 1: 114. 1798; Bor, Grass. Ind. 679. 1960.

Triticum polonicum ssp. *durum* (Desf.) A. Love in Fedde, Repert. 95: 497. 1984.
Cultivated.

Triticum polonicum L., Sp. Pl. ed. 2. 127. 1762; Bor, Grass. Ind. 679. 1960.
N.E. India.

Triticum spelta L., Sp. Pl. 86. 1753; Bor, Grass. Ind. 679. 1960.

Triticum aestivum ssp. *spelta* (L.) Thell. in Naturw. Wochenschr. 17: 471. 1918.
Cultivated.

Triticum sphaerococcum Percival, Wheat Plant 321. 1921; Bor, Grass. Ind. 680. 1960.

Triticum aestivum ssp. *sphaerococcum* (Percival) Mackey in Svensk. Bot. Tidskr. 48: 586. 1954.
Punjab, Madhya Pradesh.

Triticum turgidum L., Sp. Pl. 86. 1753; Bor, Grass. Ind. 680. 1960.

Triticum polonicum ssp. *turgidum* (L.) A. Love in Fedde, Repert. 95: 497. 1984.
Cultivated.

UROCHLOA P. Beauv., Ess. Agrost. 52. 1812.

Urochloa holbodes (Steud.) Stapf in Prain, Fl. Trop. Afr. 9: 593. 1920; Bor, Grass. Ind. 372. 1960.

Helopus holbodes Steud., Syn. Pl. Glum. 1: 100. 1854.
Introduced.

Urochloa mesambicensis (Hack.) Dandy in J. Bot. 69: 54. 1931; Bor, Grass. Ind. 372. 1960.

Panicum mosambicense Hack. in Bolet. Soc. Brot. 6: 140. 1888.
Introduced.

Urochloa panicoides P. Beauv., Ess. Agrost. 53, t. 11, f. 1. 1812; Bor, Grass. Ind. 372. 1960; T.A. Cope in Nasir & Ali, Fl. Pak. 143: 209. 1982.

Panicum javanicum Poir. in Lam., Encycl. 4: 274. 1816; Hook. f., Fl. Brit. India 7: 35. 1896.

Urochloa pubescens Kunth, Rev. Gram. 1: 31. 1829.

Urochloa marathensis Henr. in Meded. Rijks Herb. Leiden 43: 2. 1922.

Urochloa marathensis var. *velutina* Henr., l.c.

Urochloa panicoides var. *marathensis* (Henr.) Bor, l.c. 373.

Urochloa panicoides var. *pubescens* (Kunth) Bor, l.c. 372.

Urochloa panicoides var. *velutina* (Henr.) Bor, l.c. 373.
Throughout India.

Urochloa pullulans Stapf in Prain, Fl. Trop. Afr. 9: 590. 1920; Bor, Grass. Ind. 373. 1960.
Introduced for fodder.

Urochloa setigera (Retz.) Stapf in Prain, Fl. Trop. Afr. 9: 598. 1920.

Panicum setigerum Retz., Obs. Bot. 4: 15. 1786;
Hook. f., Fl. Brit. India 7: 36. 1896.

Brachiaria setigera (Retz.) C.E. Hubb.in Hook.,
Ic. Pl. 34: sub t. 3363. 1938; Bor, Grass. Ind.
286. 1960.

var. *setigera*.
Peninsular & N.E.India.

var. *albistyla* (Basappa & Muniyamma) Karthik.
comb. nov.

Brachiaria setigera var. *albistyla* Basappa &
Muniyamma in Proc. Indian natn .Sci. Acad. B
49: 380. 1983.
Tamil Nadu.

Urochloa trichopus (Hochst.) Stapf in Prain, Fl.
Trop. Afr. 9: 569. 1920; Bor, Grass. Ind. 373.
1960.

Panicum trichopus Hochst. in Flore 27: 254.
1844.
Introduced for fodder.

UROCHONDRA C.E. Hubb. in Hook., Ic. Pl.1.
3457. 1947.

Urochondra setulosa (Trin.) C.E. Hubb.in
Hook., Ic. Pl. sub t. 3457. 1947; Bor, Grass.
Ind. 634. 1960.

Vilfa setulosa Trin. in Mem. Acad.Sci. Petersb.6,
6: 55. 1840.
Gujarat.

VETIVERIA Bory de St- Vincent in Lemaire,
Bull. Sci. Soc. Philom. Paris 1822: 43. 1822.

Vetiveria lawsonii (Hook.f.) Blatt. & McC. in J.
Bombay nat. Hist. Soc. 32:409. 1928; Bor,Grass.
Ind. 258. 1960.

Andropogon lawsonii Hook. f., Fl. Brit. India 7:
187. 1896.
Peninsular India.

Vetiveria zizanioides (L.) Nash in Small, Fl.
South-east U.S. 67. 1903; Bor, Grass. Ind. 258.
1960.

Phalaris zizanioides L., Mant. Pl. 2: 183. 1771.

Andropogon squarrosus L. f., Suppl. Pl. 433.
1781 (nomen confusum); Hook. f., Fl. Brit.
India 7: 186. 1896.
Throughout India.

VOSSIA Wall. & Griff. in J. Asiat. Soc. Beng.
5: 572. 1836 (nom. cons.).

Vossia cuspidata (Roxb.) Griff., Notul. 3, Index
P. 12. 1851; Bor, Grass. Ind. 259. 1960.

Ischaemum cuspidatum Roxb., Fl. Ind. 1: 325.
1820.

Vossia procera Wall. & Griff. in J. Asiat. Soc.
Beng. 5: 573. 1836.
E. & N.E. India.

VULPIA C.C. Gmel., Fl. Bad. 1: 8. 1806.

Vulpia ciliata Dumort., Obs. Gram. Belg. 100.
1824; Naithani & Bahadur in Indian Forester
105: 232. 1979.
N.W. India.

Vulpia megalura (Nutt.) Rydb. in Bull. Torr.
Bot. Cl. 36: 538. 1909; Bor, Grass. Ind. 564.
1960.

Festuca megalura Nutt. in J. Acad. Phil. 2: 188.
1848.
Introduced.

Vulpia myuros (L.) Gmel., Fl. Bad. 1: 8. 1806;
Bor, Grass. Ind. 564. 1960.

Festuca myuros L., Sp. Pl. 74. 1753.
Hills of Tamil Nadu, W. Himalaya (introduced).

Vulpia octoflora (Walt.) Rydb. in Bull. Torr.
Bot. Cl. 36: 538. 1909; Bor, Grass. Ind. 564.
1960.

Festuca octoflora Walt., Fl. Car. 81. 1788.
N.W. India.

Vulpia unilateralis (L.) Stace in J. Linn. Soc.
76: 350. 1978; T.A. Cope in Nasir & Ali, Fl.
Pak. 143: 385. 1982.

Triticum unilaterale L., Mant. 1: 35. 1767.

Festuca maritima L., Sp. Pl. 75. 1753 *non*
Vulpia maritima S.F. Gray, 1821.

Festuca tenuifolia Schrad., Fl. Germ. 1: 345.
1806; Hook. f., Fl. Brit. India 7: 356. 1896.

Nardurus maritimus (L.) Murbeck, Contrib. Fl.
Nord-Quest Afrique 4: 25. 1900; Bor, Grass.
Ind. 546. 1960.
N.W. Himalaya.

ZEA L., Sp. Pl. 971. 1753.

Zea mays L., Sp. Pl. 971. 1753; Hook. f., Fl. Brit. India 7: 102. 1896; Bor, Grass. Ind. 270. 1960.

Cultivated throughout hotter parts of India.

ZENKERIA Trin. in Linnæa 11: 150. 1837.

Zenkeria elegans Trin. in Linnæa 11: 150, t. 3. 1837; Hook. f., Fl. Brit. India 7: 270. 1896; Bor, Grass. Ind. 482. 1960.

S. India.

Zenkeria jainii N.C. Nair, Sreekumar & V.J. Nair in J. Bombay nat. Hist. Soc. 78: 354. 1981.

Kerala.

Zenkeria sebastinei Henry & Chandr. in Bull. Bot. Surv. India 15: 142. (1973) 1976.

Tamil Nadu.

Zenkeria stapfii Henr. in Fedde, Repert. 17: 396. 1921; Bor, Grass. Ind. 482. 1960.

Tamil Nadu.

ZIZANIA L., Sp. Pl. 991. 1753.

Zizania latifolia (Griseb.) Stapf in Kew Bull. 1909: 385. 1909; Bor, Grass. Ind. 606. 1960.

Hydropyrum latifolium Griseb. in Ledeb., Fl. Ross. 4: 466. 1853.

N.E. India.

ZOYSIA Willd. in Ges. Naturf. Fr. Berlin Neue Schr. 3: 440. 1801 (nom. cons.).

Zoysia japonica Steud., Syn. Pl. Glum. 1: 414. 1855; Bor, Grass. Ind. 684. 1960. Introduced.

Zoysia matrella (L.) Merr. in Philipp. J.Sci. Bot. 7: 230. 1912; Bor, Grass. Ind. 684. 1960.

Agrostis matrella L., Mant. Pl. 2: 185. 1771.

Zoysia pungens Willd. in Ges. Naturf. Fr. Berlin, Neue Schr. 3: 441. 1801; Hook. f., Fl. Brit. India 7: 99. 1896.

var. *matrella*.

Sandy sea shores of India.

var. *pacifica* Goudswaard in Blumea 26: 172. 1980.

Zoysia tenuifolia sensu Bor, Grass. Ind. 684. 1960 non Thiele.

Introduced.

B A M B U S O I D E A E

R.B. MAJUMDAR

BAMBUSA Schreb., Gen. 236. 1789 (nom. cons.).

Bambusa arundinacea (Retz.) Willd., Sp. Pl. 2: 245. 1799; Gamble in Hook. f., Fl. Brit. India 7:395. 1896.

Bambusa arundinacea Retz., Obs. Bot. 5:24. 1789. Throughout the plains and low hills of India; cultivated in the lower Himalaya and in the valleys of Ganges and Indus.

Bambusa atra Lindl. in Penny, Cyc. 3: 357. 1835.

Bambusa lineata Munro in Trans. Linn. Soc. 26: 118. 1868; Gamble in Hook. f., Fl. Brit. India 7: 393. 1896.

N.E. India.

Bambusa balcooa Roxb., Fl. Ind. 2 : 196. 1832; Gamble in Hook. f., Fl. Brit. India 7: 391. 1896.

E. & N.E. India, E. Himalaya.

Bambusa cacharensis R. Majumdar in Bull. Bot. Surv. India 25: 237, f.1. (1983) 1985.

N.E. India.

Bambusa glaucescens (Willd.) Sieb. ex Munro in Trans.Linn. Soc. 26:89. 1868; Holtt. in Kew Bull. 2:207. 1956 & in Gdns. Bull. Singapore 16:67. 1958.

Ludolfia glaucescens Willd. in Ges. Nat. Fr. Berl. Mag. 2: 320. 1808.

Bambusa nana Roxb., Fl. Ind. 2: 199. 1832 (nom. subnud.); Gamble in Hook. f., Fl. Brit. India 7: 390. 1896.

Cultivated in many parts of India as hedge plants or ornamental.

Bambusa griffithiana Munro in Trans. Linn. Soc. 26: 99. 1868; Brandis, Indian Tr. 670. 1906.

N.E. India (?).

Bambusa jointiana R. Majumdar *sp. nov.*

B. tuldæ affinis, vaginis culmorum glabris, auriculis parvioribus, habitu fruticosis differt.

Holotypus: Shillong, G.K.Deka 31765 (CAL); *isotypus* (ASSAM).

Bambusa jalntiana R. Majumdar *sp. nov.* Like *Bambusa tuldæ* Roxb. differing in glabrous culm-sheaths, smaller auricles and shrubby habit.

Holotype: Shillong, G.K.Deka 31765 (CAL); *isotype* (ASSAM)

Other specimens studied: Jarain, G.Mann Acc. no. 549174; Sundui, G.Mann Acc. no. 22644; Khasi Hills, cultivated, G.Mann Acc. nos 549116, 549117, 549118, 549123; N.Cachar Hills, K.Kanjilal 6784, flowering, 1915; Chen Hills: Burma S.Mokim 1446, flowering, 1903.

Bambusa khasiana Munro in Trans. Linn. Soc. 26:97. 1868; Gamble in Hook. f., Fl. Brit. India 7: 390. 1896.

N.E. India.

Bambusa pallida Munro in Trans. Linn. Soc. 26: 97. 1868; Gamble in Hook. f., Fl. Brit. India 7: 389. 1896.

E. & N.E.India, E. Himalaya

Bambusa polymorpha Munro in Trans. Linn. Soc. 26:98. 1868; Gamble in Hook. f., Fl. Brit. India 7: 389. 1896.

E. & N.E. India (?)

Bambusa pseudopallida R. Majumdar *sp. nov.*

B. pallidæ affinis, cum vaginis culmorum, laminis longioribus quam vaginis, sed auriculis acutis, una sursum projecta, altera deorsum projecta, plantis fruticosis.

Holotypus: Umtaph on Dawki- Jarain Road, N.P.Balakrishnan 42700 (CAL). *Isotypus*: (ASSAM). *Paratypus*: Barpani, U.Kanjilal 6108 (CAL, ASSAM).

Bambusa pseudopallida R. Majumdar *sp. nov.* Like *Bambusa pallida* having culm-sheath, blade longer than the sheath but auricles pointed, one projecting upward and the other downward; plants shrubby.

Holotype: Umtaph on Dawki Jarain Road, N.P.Balakrishnan 42700 (CAL).

Isotype: (ASSAM), flowering in 1965. *Paratype*: Barpani, U.Kanjilal 6108 (CAL, ASSAM).

Bambusa tuldæ Roxb., Fl.Ind. 2: 193. 1832; Gamble in Hook. f., Fl. Brit. India 7: 387. 1896.

Bambusa nutans Wall. ex Munro in Trans. Linn. Soc. 26: 92. 1868; Gamble in Hook. f., l.c.

Bambusa teres Buch. Ham. ex Munro, l.c. 95; Gamble in Hook. f., l.c. 388.

Bambusa longispiculata Gamble in Brandia, Indian Tr. 668. 1906.

S.,E. & N.E. India, lower Himalaya.

Bambusa vulgaris Schrad. in Wendl., Collect. Pl. 2: 26, t. 47. 1810; Gamble in Hook. f., Fl. Brit. India 7: 391. 1896.

Cultivated throughout India.

CHIMONOBAMBUSA Makino in Bot. Mag., Tokyo 28: 153. 1914.

Chimonobambusa callosa (Munro) Nakai in J. Arnold Arbor. 6: 151.1925.

Arundinaria callosa Munro in Trans. Linn. Soc. 26: 90. 1868; Gamble in Hook. f., Fl. Brit. India 7: 380. 1896.

Chimonocalamus callosus (Gamble) Hsueh & Yi in Acta Bot. Yunn. 1(2): 84. 1979.

E. Himalaya, N.E. India.

Chimonobambusa hookeriana (Munro) Nakai in J. Arnold Arbor. 6: 151. 1925.

Arundinaria hookeriana Munro in Trans. Linn. Soc. 26: 29. 1868; Gamble in Hook. f., Fl. Brit. India 7: 382. 1896.

C. to E. Himalaya, N.E. India.

CHIMONOCALAMUS Hsueh & Yi in Acta Bot. Yunn. 1(2) :83. 1979.

Chimonocalamus armatus (Gamble) R. Majumdar *comb. nov.*

Arundinaria armata Gamble in Ann. Roy. Bot.Gard. Calcutta 7: 130, t. 119. 1896 & in Hook. f., Fl. Brit. India 7: 385. 1896.

Chimonobambusa armata (Gamble) Hsueh & Yi in J. Bamb. Res.2:38. 1983.

Burma.

Chimonocalamus griffithianus (Munro) Hsueh & Yi in Acta Bot.Yunn. 1(2): 83. 1979; J. Campbell, Gen. Himal. Bamb. 17. 1985.

Arundinaria griffithiana Munro in Trans. Linn. Soc. 26: 20. 1868; Gamble in Hook. f., Fl. Brit. India 7: 379. 1896.

Chimonobambusa griffithiana (Munro) Nakai in J. Arnold Arbor. 6: 151. 1925.
E. Himalaya, N.E. India.

Chimonocalamus longispiculatus R. Majumdar
sp. nov.

Plantis non armatis. Foliis cum apicibus setaceis. Spiculis viridibus, multifloris, in paniculis terminalibus.

Holotypus : Subansiri, Arunachal Pradesh, Bupu, *Burkill* 36550 (CAL).

Chimonocalamus longispiculatus R. Majumdar
sp. nov. Plants unarmed. Leaves with setaceous apices. Spikelets green, many flowered in terminal panicles.

Holotype : Subansiri, Arunachal Pradesh, Bupu, *Burkill* 36550 (CAL).

DENDROCALAMUS Nees in *Linnaea* 9: 476. 1835.

Dendrocalamus asper (Schult.) Back. ex Heyne in Nutt., Pl. Ned. Ind. ed. 2. 1: 301. 1927.

Bambusa aspera Schult., Syst. Nat. 7: 1352. 1830.

Bambusa brandisii Munro in Trans. Linn. Soc. 26: 209. 1868.

Dendrocalamus brandisii (Munro) Kurz, For. Fl. Burma 2: 560. 1877.
Andaman & Nicobar Islands.

Dendrocalamus calostachyus (Kurz) Kurz, For. Fl. Burma 2: 562. 1877; Naithani in Ind. J. For. 8: 239. 1985.

Bambusa calostachya Kurz in J. Asiat. Soc. Beng. 42: 250. 1873.
N.E. India.

Dendrocalamus giganteus Munro in Trans. Linn. Soc. 26: 150. 1868; Gamble in Hook. f., Fl. Brit. India 7: 406. 1896.
Cultivated in N.E. India and elsewhere.

Dendrocalamus hamiltonii Nees & Arn. ex Munro in Trans. Linn. Soc. 26: 151. 1868; Gamble in Hook. f., Fl. Brit. India 7: 405. 1896.
Tropical Himalaya, N.E. India.

Dendrocalamus hookeri Munro in Trans. Linn. Soc. 26: 151. 1868; Gamble in Hook. f., Fl. Brit. India 7: 405. 1896.

var. *hookeri*
E. Himalaya, N.E. India.

var. *parishii* (Munro) Blatt. in Indian Forester 55: 594. 1929.

Dendrocalamus parishii Munro in Trans. Linn. Soc. 26: 149. 1868; Gamble in Hook. f., Fl. Brit. India 7: 408. 1896.
N.W. Himalaya.

Dendrocalamus longispithus Kurz, For. Fl. Burma 2: 561. 1877; Gamble in Hook. f., Fl. Brit. India 7: 407. 1896.
E. India.

Dendrocalamus patellaris Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 86, t. 75. 1896 & in Hook. f., Fl. Brit. India 7: 406. 1896.
E. Himalaya, N.E. India.

Dendrocalamus sahuji Naithani & Bahadur in Indian Forester 108: 212, f. 1. 1982.

E. Himalaya.

Dendrocalamus sikkimensis Gamble in Hook. Ic. Pl. t. 1770. 1888 & in Ann. Roy. Bot. Gard. Calcutta 7: 82, t. 72. 1896 & in Hook. f., Fl. Brit. India 7: 405. 1896.
E. Himalaya, N.E. India.

Dendrocalamus strictus (Roxb.) Nees in *Linnaea* 9: 476. 1834; Gamble in Hook. f., Fl. Brit. India 7: 404. 1896.

Bambos stricta Roxb., Pl. Cor. 1: 58, t. 80. 1795.

var. *strictus*.

In dry hills almost throughout India.

var. *sericeus* (Munro) Gamble, Man. Indian Timb. 751. 1902.

Dendrocalamus sericeus Munro in Trans. Linn. Soc. 26: 148. 1868; Gamble in Hook. f., Fl. Brit. India 7: 404. 1896.
E. India.

DINOCHLOA Buese in Miq., Pl. Jungh. 287. 1854.

Dinochloa maclellandii (Munro) Kurz in J. Asiat. Soc. Beng. 42: 253. 1873; Gamble in Hook. f., Fl. Brit. India 7: 415. 1896.

Bambusa maclellandii Munro in Trans. Linn. Soc. 26: 114. 1868.
E. & N.E. India.

Dinochloa nicobariana R. Majumdar *sp. nov.*

Differt a *D. scandens* vaginis foliorum dense pilosis, spiculis longioribus, antheris, habitu suberectis.

Holotypus : North Nicobar : Katchal Island, Coastal Forest, P. Chakravarty 1129 (CAL).

Dinochloa nicobariana R. Majumdar *sp. nov.*

Differs from *Dinochloa scandens* in having densely hairy leaf-sheaths, longer spikelets, anthers and suberect habit.

Holotype : North Nicobar: Katchal Island, Coastal Forest, P. Chakravarty 1129 (CAL).

Other specimens examined : Katchal, S. Kurz *s.n.* (CAL); Kamoria, S. Kurz *s.n.* (CAL).

Dinochloa scandens (Bl. ex Nees) O. Ktze., Rev. Gen. Pl. 773. 1891; Holt. in Gdus. Bull. Singapore 16: 84. 1958.

Bambusa scandens Bl. ex Nees in Flora 7:291. 1824.

Dinochloa andamanica Kurz in J. Asiat. Soc. Beng. 42: 253. 1873 & For. Fl. Burma 2: 570. 1877.

Dinochloa tjankorreh (Schult.) Buese var. *andamanica* (Kurz) Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 112, t. 98. 1896 & in Hook. f., Fl. Brit. India 7: 415. 1896.
Andaman & Nicobar Islands.

DREPANOSTACHYUM Keng, f. in J. Bamb. Res. 2: 15. 1983.

Drepanostachyum falcatum (Nees) Keng, f. in J. Bamb. Res. 2: 17. 1983.

Arundinaria falcata Nees in Linnaea 9: 478. 1834; Gamble in Hook. f., Fl. Brit. India 7: 381. 1896.

Chimonobambusa falcata (Nees) Nakai in J. Arnold Arbor. 6: 151. 1925.
N.W. India, W. Himalaya.

Drepanostachyum intermedium (Munro) Keng, f. in J. Bamb. Res. 2: 28. 1983.

Arundinaria intermedia Munro in Trans. Linn. Soc. 16: 23. 1868; Gamble in Hook. f., Fl. Brit. India 7: 381. 1896.

Chimonobambusa intermedia (Munro) Nakai in J. Arnold Arbor. 6: 151. 1925.
E. Himalaya.

Drepanostachyum jainianum (Das & Pal) R. Majumdar in Bull. Bot. Surv. India 25: 235, f. 1.(1983) 1985.

Chimonobambusa jainiana Das & Pal in J. Econ. Tax. Bot. 4: 1023, f. 1. 1983.
E. Himalaya.

Drepanostachyum khasianum (Munro) R. Majumdar *comb. nov.*

Arundinaria khasiana Munro in Trans. Linn. Soc. 26: 28. 1868; Gamble in Hook. f., Fl. Brit. India 7: 381. 1896.

Chimonobambusa khasiana (Munro) Nakai in J. Arnold Arbor. 6: 151. 1925.

Drepanostachyum falcatum ssp. *khasianum* (Munro) J. Campbell, Gen. Hinal. Bamb. 27. 1985.
N.E. India.

Drepanostachyum polystachyum (Kurz ex Gamble) R. Majumdar *comb. nov.*

Arundinaria polystachya Kurz ex Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 7, t. 5. 1896 & in Hook. f., Fl. Brit. India 7: 378. 1896.

Chimonobambusa polystachya (Kurz ex Gamble) Nakai in J. Arnold Arbor. 6:151. 1925.
E. Himalaya, N.E. India.

Drepanostachyum suberectum (Munro) R. Majumdar in Bull. Bot. Surv. India 25: 236. (1983) 1985.

Arundinaria suberecta Munro in Trans. Linn. Soc. 26: 32. 1868; Gamble in Hook. f., Fl. Brit. India 7: 385. 1896.
C. to E. Himalaya, N.E. India.

GIGANTOCHLOA Kurz ex Munro in Trans. Linn. Soc. 26: 123. 1868.

Gigantochloa apus (Bl. ex Schult.f.) Kurz in Tijdschr. Ned. Ind. 27: 226.1864; Parker in Indian Forester 57: 108. 1931.

Bambusa apus Bl. ex Schult. f., Syst. Veg. 7: 1353. 1830.

Gigantochloa kurzii Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 65, t. 56. 1896.

Gigantochloa tekserah E.G. Camus, Bambusees 141. 1913; Blatt. in Indian Forester 55: 591. 1929.

N. to N.E. India.

Gigantochloa auriculata (Kurz) Kurz, Prelim. Rep. For. Veg. Pegu App. A. 137, App. B.94 in clavi 1875.

Bambusa auriculata Kurz in J. Asiat. Soc. Beng. 39: 86. 1870; Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 55, t. 49. 1868 & in Hook. f., Fl. Brit. India 7: 396. 1896.

Oxytenanthera auriculata (Kurz) Prain, Bengal Pl. 1234. 1903 (2: 931. 1963, Repr. ed.).

Oxytenanthera nigrociliata var. *hohenackeri* C.E.C. Fischer in Gamble, Fl. Pres. Madras 1861 1934 (3: 1288. 1967, Repr. ed.). S., E. & N.E. India, Andaman Islands.

Gigantochloa macrostachya Kurz, For. Fl. Burma 2: 557. 1877; Gamble in Hook. f., Fl. Brit. India 7: 399. 1896. N.E. India.

Gigantochloa nigrociliata (Buesc) Kurz in J. Asiat. Soc. Beng. 39: 86. 1870; Holtt. in Gdus. Bull. Singapore 16: 119. 1958.

Bambusa nigrociliata Buese in Miq., Pl. Jungh. 389. 1854.

Oxytenanthera nigrociliata (Buese) Munro in Trans. Linn. Soc. 26: 228. 1868; Gamble in Hook. f., Fl. Brit. India 7: 401. 1896. E. & N.E. India, Andaman Islands.

HEMALAYACALAMUS Keng, f. in J. Bamb. Res. 2: 24. 1983.

Himalayacalamus falconeri (Hook. f. ex Munro) Keng, f. in J. Bamb. Res. 2: 24. 1983.

Thamnocalamus falconeri Hook. f. ex Munro in Trans. Linn. Soc. 26: 34. 1868.

Arundinaria falconeri (Hook. f. ex Munro) Bth. in Bth. & Hook. f., Gen. Pl. 3: 1208. 1883; Gamble in Hook. f., Fl. Brit. India 7: 383. 1896.

Drepanostachyum falconeri (Hook. f. ex Munro) J. Campbell, Gen. Himal. Bamb. 23. 1983. Tropical Himalaya.

MELOCALAMUS Bth. in Bth. & Hook. f., Gen. Pl. 3: 1095, 1212. 1883.

Melocalamus gracilis R. Majumdar *sp. nov.*

Differt a *M. mastersii* auriculis deciduis, non falcatis, Differt a *M. indicus* auriculis ciliatis, culmis teretibus, gemmisque ad nodos acutis. Surculis juvenilibus cum laminis vaginarum-culmorum patentibus, magnis, foliaceis.

Holotypus : Barail Range, near Kailasa, 9 km from Gumri rest house, on Shillong Cachar Road, near P.W.D. Shed, R. Majumdar 1138 (CAL).

Melocalamus gracilis R. Majumdar *sp. nov.* Differs from *Melocalamus mastersii* in having non-falcate deciduous auricles and from *Melocalamus indicus* in having ciliate auricles, terete culms and acute nodal buds. The young shoot unlike other species with spreading, large, leafy, culm-sheath blades.

Holotype : Barail Range ; near Kailasa, 9 km from Gumri rest house on Shillong Cachar Road, near P.W.D. Shed, R. Majumdar 1138 (CAL).

Melocalamus indicus R. Majumdar in Bull. Bot. Surv. India 25: 236, f.1. (1983) 1985. N.E. India.

Melocalamus mastersii (Munro) R. Majumdar *comb. nov.*

Bambusa mastersii Munro in Trans. Linn. Soc. 26: 113. 1866; Gamble in Hook. f., Fl. Brit. India 7: 396. 1896.

Pseudostachyum compactiflorum Kurz in J. Asiat. Soc. Beng. 42: 252. 1873.

Melocalamus compactiflorus (Kurz) Bth. in J. Linn. Soc. 19: 134. 1881; Gamble in Hook. f., Lc. 409.

Dinochloa compactiflora (Kurz) McClure in Kew Bull. 1936: 251. 1936.

N.E. India.

MELOCANNA Trin. in Spr., Neue Entdeck. Pflanzenk. 2: 43. 1820 ("1821").

Melocanna baccifera (Roxb.) Kurz, Prelim. Rep. For. Veg. Pegu, App. B. 94. 1875; Skeels in USDA Bur. Pl. Industr. Bull. 223: 50. 1911.

Bambusa baccifera Roxb., Pl. Cor. 3: 38, t. 243. 1815.

Melocanna bambusoides Trin. in Spr., Neue Entdeck. Pflanzenk. 2: 43. 1820; Gamble in Hook. f., Fl. Brit. India 7: 417. 1896. E. & N.E. India.

NEOMICROCALAMUS Keng, f. in J. Bamb. Res. 2: 38. 1983.

Neomicrocalamus clarkii (Gamble ex Brandis) R. Majumdar comb. nov.

Arundinaria clarkii Gamble ex Brandis, Indian Tr. 666. 1906. N.E. India.

Neomicrocalamus manii (Gamble) R. Majumdar comb. nov.

Arundinaria manii Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 26, t. 26. 1896 & in Hook. f., Fl. Brit. India 7: 385. 1896. N.E. India.

Neomicrocalamus prainii (Gamble) Keng, f. in J. Bamb. Res. 2: 38. 1983.

Microcalamus prainii Gamble in J. Asiat. Soc. Beng. 49: 207, t. 7. 1891.

Arundinaria prainii (Gamble) Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 21, t. 19. 1896 & in Hook. f., Fl. Brit. India 7: 383. 1896.

Thamnocalamus prainii (Gamble) E.G. Camus, Bambusees 54. 1913.

Racemobambos prainii (Gamble) J. Campbell, Gen. Himal. Bamb. 10. 1985. N.E. India.

OCHLANDRA Thw., Enum. Pl. Zeyl. 376. 1864.

Ochlandra beddomii Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 124, t. 110. 1896 & in Hook. f., Fl. Brit. India 7: 419. 1896. S. India.

Ochlandra ebracteata Raiz. & Chatterji in Indian Forester 89: 362. 1963. S. India.

Ochlandra scriptoria (Dennst.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1863. 1934 (3:1289. 1967, Repr. ed.)

Bambusa scriptoria Dennst. in Schluess. Hort. Malab. 31. 1818.

Beesha rheedii Kunth, Enum. Pl. 1: 434. 1822.

Ochlandra rheedii (Kunth) Bth. ex Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 121, t. 107. 1896 & in Hook. f., Fl. Brit. India 7: 418. 1896. S. India.

Ochlandra setigera Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 128, t. 115. 1896 & in Hook. f., Fl. Brit. India 7: 420. 1896. S. India.

Ochlandra sivagiriiana (Gamble) E. G. Camus, Bambusees 181, t. 99. 1913.

Ochlandra rheedii var. *sivagiriiana* Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 122, t. 108. 1896 & in Hook. f., Fl. Brit. India 7: 419. 1896.

Ochlandra scriptoria var. *sivagiriiana* (Gamble) C.E.C. Fischer in Gamble Fl. Pres. Madras 1863. 1934 (3:1289. 1967, Repr. ed.). S. India.

Ochlandra talbotii Brandis, Indian Tr. 684. 1906. S. India.

Ochlandra travancorica (Bedd.) Bth. ex Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 125, t. 111. 1896 & in Hook. f., Fl. Brit. India 7: 419. 1896.

Beesha travancorica Bedd., Fl. Sylv. t. 54. 1873 & For. Man. 234. 1873.

var. *travancorica*.

S. India.

var. *hirsuta* Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 126, t. 112. 1896 & in Hook. f., l.c. S. India.

Ochlandra wightii (Munro) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1864. 1934 (3:1290. 1967, Repr. ed.).

Bambusa wightii Munro in Trans. Linn. Soc. 26: 111. 1868.

Ochlandra brandisii Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 126, t. 113. 1896 & in Hook. f., Fl. Brit. India 7: 420. 1896.
S. India.

PHYLLOSTACHYS Sieb. & Zucc. in Abh. Math.-Phys. Cl. Konigl. Bayer Akad. 3: 745. 1843 (nom. cons.).

Phyllostachys assamese Gamble ex Brandis, Indian Tr. 667. 1906.

Phyllostachys bambusoides Gamble in Hook. f., Fl. Brit. India 7: 386. 1896 non Sieb. & Zucc. 1843.
Himalaya, N.E. India.

Phyllostachys bambusoides Sieb. & Zucc. in Abh. Math.-Phys. Cl. Konigl. Bayer Akad. 3: 745, t. 5, f. 3. 1843; Blatt. in Indian Forester 55: 552. 1929.
Cultivated and run wild in W.Himalaya.

Phyllostachys mannii Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 28, t. 28. 1896 & in Hook. f., Fl. Brit. India 7: 386. 1896.
N.E. India.

PLEIOBLASTUS Nakai in J. Arnold Arbor. 6: 145. 1925.

Pleioblastus simonii (Carriere) Nakai in J. Arnold Arbor. 6: 145. 1925; Naithani & Bennet in Indian Forester 112: 85, f. 1. 1936.

Bambusa simonii Carriere in Rev. Hort. 37: 380. 1866.
Arunachal Pradesh.

PSEUDOTENANTHERA R. Majumdar *Gen. nov.*

Plantis subscandentibus ad scandentibus, ramis caespitosis, gemma centrali dormienti nulla, stylo gracili, solido, pericarpio gracile, semine separato.

T: *Pseudotenanthera monadelphæ* (Thw.) R. Majumdar *comb. nov.*

Dendrocalamus monadelphus Thw., Enum. Pl. Zeyl. 376. 1864.

PSEUDOTENANTHERA R. Majumdar *Gen. nov.* subscandent to scandent; branches in tufts;

no resting central bud; style thin, solid; pericarp thin, separable from seed.
India, Srilanka and Burma.

Pseudotenanthera albociliata (Munro) R. Majumdar *comb. nov.*

Oxytenanthera albociliata Munro in Trans. Linn. Soc. 26: 129. 1868; Gamble in Hook. f., Fl. Brit. India 7: 401. 1896.
N.E. India.

Pseudotenanthera bourdillonii (Gamble) R. Majumdar *comb. nov.*

Oxytenanthera bourdillonii Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 76, t. 67. 1896 & in Hook. f., Fl. Brit. India 7: 403. 1896.
S. India.

Pseudotenanthera monadelphæ (Thw.) R. Majumdar *comb. nov.*

Dendrocalamus monadelphus Thw., Enum. Pl. Zeyl. 376. 1864.

Oxytenanthera invariablesii Munro in Trans. Linn. Soc. 26: 129. 1868; Gamble in Hook. f., Fl. Brit. India 7: 402. 1896.

Oxytenanthera monadelphæ (Thw.) Ait. in Trim., Handb. Fl. Ceylon 6(Suppl): 342. 1931.
S. India.

Pseudotenanthera ritcheyi (Munro) R. Majumdar *comb. nov.*

Bambusa ritcheyi Munro in Trans. Linn. Soc. 26: 113. 1868.

Oxytenanthera monostigma Bodd., Fl. Sylv. 233. 1873 & ic. Pl. Ind. Or. 1: 56, t. 234. 1873; Gamble in Hook. f., Fl. Brit. India 7: 402. 1896.

Oxytenanthera ritcheyi (Munro) Blatt. & McC. in J. Bombay nat. Hist. Soc. 33: 773. (Oct.) 1929; Blatt. in Indian Forester 55: 592. (Nov. 1929).
Peninsular India.

Pseudotenanthera stocksii (Munro) R. Majumdar *comb. nov.*

Oxytenanthera stocksii Munro in Trans. Linn. Soc. 26: 130. 1868; Gamble in Hook. f., Fl. Brit. India 7: 403. 1896.
Peninsular India.

SCHIZOSTACHYUM Nees, Agrost. Bras. 535. 1829.

Schizostachyum beddomei (C.E.C.Fischer) R. Majumdar *comb. nov.*

Teinostachyum beddomei C.E.C. Fischer in Gamble, Fl. Pres. Madras 1860. 1934 (3:1287. 1967, Repr.ed.).

Teinostachyum wightii Bedd., Fl. Sylv. t. 323. 1873 & For. Man. 233. 1873. S. India.

Schizostachyum capitatum (Munro) R. Majumdar *comb. nov.*

Cephalostachyum capitatum Munro in Trans. Linn. Soc. 26: 139. 1868; Gamble in Hook. f., Fl. Brit. India 7: 412. 1896.

var. *capitatum*.
E. Himalaya, N.E. India.

var. *decompositum* (Gamble) R. Majumdar & Kerthik. *comb. nov.*

Cephalostachyum capitatum var. *decompositum* Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 105. 1896 & in Hook. f., Fl. Brit. India 7: 412. 1896.
E. Himalaya, N.E. India.

Schizostachyum dullooa (Gamble) R. Majumdar *comb. nov.*

Teinostachyum dullooa Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 101, t. 89. 1896 & in Hook. f., Fl. Brit. India 7: 411. 1896.

Neohouzeaua dullooa (Gamble) A. Camus in Bull. Mus. Hist. Nat. Paris 28: 100. 1922.
N.E. India; Bhutan.

Schizostachyum flavescens (Kurz) R. Majumdar *comb. nov.*

Cephalostachyum flavescens Kurz in J. Asiat. Soc. Beng. 42: 252. 1873 & For. Fl. Burma 2: 564. 1877; Gamble in Hook. f., Fl. Brit. India 7: 413. 1896.
Cultivated in Calcutta and Madras gardens.

Schizostachyum fuchsianum (Gamble) R. Majumdar *comb. nov.*

Cephalostachyum fuchsianum Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 107, t. 94. 1896 & Hook. f., Fl. Brit. India 7: 413. 1896.
E. Himalaya, N.E. India.

Schizostachyum griffithii (Munro) R. Majumdar *comb. nov.*

Teinostachyum griffithii Munro in Trans. Linn. Soc. 26: 143, t. 3. 1868; Gamble in Hook. f., Fl. Brit. India 7: 410. 1896.
N.E. India.

Schizostachyum helferi (Munro) R. Majumdar *comb. nov.*

Bambusa helferi Munro in Trans. Linn. Soc. 26: 114. 1868.

Pseudostachyum helferi (Munro) Kurz in J. Asiat. Soc. Beng. 42: 253. 1872.

Teinostachyum helferi (Munro) Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 102, t. 90. 1896 & in Hook. f., Fl. Brit. India 7: 411. 1896.

Neohouzeaua helferi (Munro) Gamble in Kew Bull. 1923: 91. 1923.
N.E. India.

Schizostachyum kurzii (Munro) R. Majumdar *comb. nov.*

Melocanna kurzii Munro in Trans. Linn. Soc. 26: 134. 1868.

Teinostachyum schizostachyoides Kurz in J. Asiat. Soc. Beng. 39: 89. 1870.

Cephalostachyum schizostachyoides Kurz, Prelim. Rep. For. Veg. App. A.A., p. 137, App. B in clavi 1875 & For. Fl. Burma 2: 565. 1877.

Bambusa schizostachyoides (Kurz) Kurz ex Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 48, t. 44. 1896 & in Hook. f., Fl. Brit. India 7: 393. 1896.

Bambusa kurzii (Munro) Balakr. in Bull. Bot. Surv. India 22: 176. (1980) 1982.
S. Andaman Islands.

Schizostachyum latifolium (Munro) R. Majumdar *comb. nov.*

Cephalostachyum latifolium Munro in Trans. Linn. Soc. 26: 140. 1868; Gamble in Hook. f., Fl. Brit. India 7: 412. 1896.
E. Himalaya, N.E. India.

Schizostachyum mannil R. Majumdar *sp. nov.*

Fruticibus, ramis caespitosis, Vaginis culmorum triangularibus, deciduis, fragilibus, lamina ad basin inflata, fragili.

Holotypus : Jowai, Khasia & Jaintia Hills, G.Mann 31982 (CAL).

Isotypus : ASSAM.

Schizostachyum manali R. Majumdar *sp. nov.*

Bambusa khariana sensu Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 39, t. 37. 1896 non Munro 1868 as to the culm sheaths. Shrubs, branches tufted. Culm sheaths triangular, deciduous, fragile, blade inflated at base, fragile.

Holotype : Jowai, Khasia & Jaintia Hills, G. Mann 31982 (CAL); *Isotype* (ASSAM). N.E. India.

Schizostachyum pallidum (Munro) R. Majumdar *comb. nov.*

Cephalostachyum pallidum Munro in Trans. Linn. Soc. 26: 139. 1868; Gamble in Hook. f., Fl. Brit. India 7: 412. 1896. N.E. India.

Schizostachyum pergracile (Munro) R. Majumdar *comb. nov.*

Cephalostachyum pergracile Munro in Trans. Linn. Soc. 26: 141. 1863; Gamble in Hook. f., Fl. Brit. India 7: 413. 1896.

S., C., E. & N.E. India.

Schizostachyum polymorphum (Munro) R. Majumdar *comb. nov.*

Pseudostachyum polymorphum Munro in Trans. Linn. Soc. 26: 142, t. 1. 1868; Gamble in Hook. f., Fl. Brit. India 7: 409. 1896. E. Himalaya, N.E. India.

Schizostachyum rogersii Brandis, Indian Tr. 679. 1906. Andamans.

Schizostachyum sesbagrianum R. Majumdar *sp. nov.*

Fruticibus scandentibus cum ramis caespitosis. Vaginis culmorum tubularibus, crustaceis; laminis perianthii longis, basi inflatis, crassis, coriaceis.

Holotypus : Arunachal Pradesh: Garsing to Eyo, 609 m. Spiang, R.S. Rao 1794 (CAL); *isotypus* : ASSAM.

Schizostachyum sesbagrianum R. Majumdar *sp. nov.*

Scandent shrubs with tufted branches; culm-sheaths tubular, crustaceous; perianth blade long, inflated at base, thick, leathery.

Holotype : Arunachal Pradesh: Garsing to Eyo, 609 m. Spiang, R.S. Rao 1794 (CAL); *isotype* (ASSAM).

THAMNOCALAMUS Munro in Trans. Linn. Soc. 26: 33, 157. 1868.

Thamnocalamus aristatus (Gamble) E.G. Camus, *Bambusces* 54. 1913.

Arundinaria aristata Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 18, t. 17. 1896 & in Hook. f., Fl. Brit. India 7: 382. 1896. C. to E. Himalaya.

Thamnocalamus spathiflorus (Trin.) Munro in Trans. Linn. Soc. 26: 34. 1868.

Arundinaria spathiflora Trin. in Mem. Acad. Petersb. 6, 3: 617. 1835; Gamble in Hook. f., Fl. Brit. India 7: 382. 1896. W. to C. Himalaya.

YUSHANIA K.H. Keng in Acta Phytotax. Sin. 6: 355. 1957.

Yushania densifolia (Munro) R. Majumdar *comb. nov.*

Arundinaria densifolia Munro in Trans. Linn. Soc. 26: 32. 1868; Gamble in Hook. f., Fl. Brit. India 7: 379. 1896.

Chimonobambusa densifolia (Munro) Nakai in J. Arnold Arbor. 6: 151. 1925. S. India.

Yushania elegans (Kurz) R. Majumdar *comb. nov.*

Arundinaria elegans Kurz in Asiat. Soc. Beng. 42: 248. 1873; Gamble in Hook. f., Fl. Brit. India 7: 378. 1896.

Sinobambusa elegans (Kurz) Nakai in J. Arnold Arbor. 6: 152. 1925.

Fargesia elegans (Kurz) J. Campbell, Gen. Himal. Bamb. 37. 1985. N.E. India.

Yushania hirsuta (Munro) R. Majumdar *comb. nov.*

Arundinaria hirsuta Munro in Trans. Linn. Soc. 26: 30. 1868; Gamble in Hook. f., Fl. Brit. India 7: 384. 1896. N.E. India.

Yushania jaunsarensis (Gamble) Yi in J. Bamb. Res. 2: 39. 1983.

Arundinaria jaunsarensis Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 23, t. 22. 1896 & in Hook. f., Fl. Brit. India 7: 384. 1896.

Chimonobambusa jaunsarensis (Gamble) Dahadur & Naithani in Ind. J. For. 1: 41. 1978.

Fargesia elegans ssp. *jaunsarensis* (Gamble) J. Campbell, Gen. Himal. Bamb. 38. 1985.
W. Himalaya.

Yushania maling (Gamble) R. Majumdar *comb. nov.*

Arundinaria maling Gamble in Kew Bull. 1912: 139. 1912.

Fargesia maling (Gamble) J. Campbell, Gen. Himal. Bamb. 40. 1985.
E. to C. Himalaya.

Yushania microphylla (Griff.) R. Majumdar *comb. nov.*

Bambusa microphylla Griff., Journ. 1: 242, 259. 1847.

Arundinaria microphylla (Griff.) Munro in Trans. Linn. Soc. 26: 32. 1868; Gamble in Hook. f., Fl. Brit. India 7: 383. 1896.
E. Himalaya.

Yushania pantlingii (Gamble) R. Majumdar *comb. nov.*

Arundinaria pantlingii Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 129, t. 118. 1896 & in Hook. f., Fl. Brit. India 7: 380. 1896.

Semiarundinaria pantlingii (Gamble) Nakai in J. Arnold Arbor. 6: 151. 1925.

Fargesia pantlingii (Gamble) J. Campbell, Gen. Himal. Bamb. 41. 1985.
C. to E. Himalaya.

Yushania racemosa (Munro) R. Majumdar *comb. nov.*

Arundinaria racemosa Munro in Trans. Linn. Soc. 26: 17. 1868 *emend.* Gamble in Kew Bull. 1912: 138. 1912; Gamble in Hook. f., Fl. Brit. India 7: 379. 1896.

Fargesia racemosa (Munro) Yi in J. Bamb. Res. 2: 39. 1983.

E. to C. Himalaya.

Yushania rolloana (Gamble) Yi in J. Bamb. Res. 2: 39. 1983.

Arundinaria rolloana Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 24, t. 23. 1896 & in Hook. f., Fl. Brit. India 7: 384. 1896.
N.E. India.

Yushania walckeriana (Munro) R. Majumdar *comb. nov.*

Arundinaria walckeriana Munro in Trans. Linn. Soc. 26: 21. 1868; Gamble in Hook. f., Fl. Brit. India 7: 377. 1896.

Indocalamus walckerianus (Munro) Nakai in J. Arnold Arbor. 6: 148. 1925.
S. India.

Yushania wightiana (Nees) R. Majumdar *comb. nov.*

Arundinaria wightiana Nees in Linnæa 9: 482. 1834; Gamble in Hook. f., Fl. Brit. India 7: 377. 1896.

Indocalamus wightianus (Nees) Nakai in J. Arnold Arbor. 6: 149. 1925.

var. *wightiana*.
S. India.

var. *hispida* (Steud.) R. Majumdar & Karthik. *comb. nov.*

Arundinaria hispida Steud., Syn. Pl. Glum. 1: 335. 1854.

Arundinaria wightiana var. *hispida* (Steud.) Gamble in Ann. Roy. Bot. Gard. Calcutta 7: 4, t. 2. 1896 & in Hook. f., Fl. Brit. India 7: 377. 1896.

Indocalamus wightianus var. *hispida* (Steud.) Nakai in J. Arnold Arbor. 6: 179. 1925.

S. India.

PONTEDERIACEAE

EICHHORNIA Kunth, Eichhornia Genus Novum (Diss.) 1842 & Enum. Pl. 4: 129. 1843 (*nom. cons.*).

Eichhornia crassipes (Mart.) Solms in DC., Monogr. Phan. 4: 527. 1883.

Pontederia crassipes Mart., Nov. Gen. Sp. Pl. 1: 9, t. 4. 1823.

An aquatic weed throughout India.

MONOCHORIA K.B. Presl, Rel. Haenk. 1: 127. 1827.

Monochoria hastata (L.) Solms in DC., Monogr. Phan. 4: 523. 1883; Haines, Bot. Bih. Orissa 1101. 1924 (3:1150.1961, Repr. ed.); Backer in Stoenis, Fl. Males. 1, 4: 258. 1951.

Pontederia hastata L., Sp. Pl. 288. 1753.

Monochoria hastataefolia K.B. Presl, Rel. Haenk. 1: 128. 1827; Hook. f., Fl. Brit. India 6: 362. 1892.

Throughout India.

Monochoria vaginalis (Burm.f.) K.B. Presl, Rel. Haenk. 1: 128. 1827; Hook. f., Fl. Brit. India 6: 363. 1892.

Pontederia vaginalis Burm. f., Fl. Ind. 80. 1768.

Pontederia plantaginea Roxb., Fl. Ind. 2:123. 1832.

Monochoria vaginalis var. *plantaginea* (Roxb.) Solms in DC., Monogr. Phan. 4: 524. 1883; Hook. f., *l.c.*

N.E. India.

POTAMOGETONACEAE

POTAMOGETON L., Sp. Pl. 126. 1753.

Potamogeton alpinus Balbis in Acta. Jurin 10, 11: 329. 1804 emend. Aschers, Fl. Prov. Brandenburg 658. 1864; Kak in J. Bombay Nat. Hist. Soc. 80: 316.(1983) 1984. N.W. Himalaya.

Potamogeton crispus L., Sp. Pl. 126. 1753; Hook. f., Fl. Brit. India 6: 566. 1893.

var. *crispus*.

Throughout India.

var. *serrulatus* (Schrad. ex Opiz) Reichb., Jc. Fl. Germ. 7. 1845; Naqshi & Javeid in Curr. Sci. 42: 70. 1973.

Potamogeton serrulatus Schrad. ex Opiz in Flora 5: 267. 1822.

N.W. Himalaya.

Potamogeton alliformis Pers., Syn. 1: 152. 1805; Dandy in Hara *et al.*, Enum. Fl. Pl. Nepal 1: 95. 1978.

N.W. to C. Himalaya.

Potamogeton fluitans Roth, Tent. Fl. Germ. 1: 72. 1788; Kak in J. Bombay Nat. Hist. Soc. 80: 316.(1983) 1984.

N.W. Himalaya.

Potamogeton lucens L., Sp. Pl. 126. 1753; Hook. f., Fl. Brit. India 6: 567. 1893.

ssp. *lucens*.

var. *lucens*.

N.W. to C. Himalaya, N. India.

var. *acuminatus* (Schum.) Fries, Novit. Fl. Suec. ed. 146. 1816; Naqshi & Javeid in Curr. Sci. 42: 70. 1973.

Potamogeton acuminatum Schum., Enum. Pl. Saell. 1: 49. 1801.

N.W. Himalaya.

ssp. *sinicus* (Migo) Hara in J. Jap. Bot. 60: 238. 1985.

Potamogeton sinicus Migo in J. Shanghai Sci. Inst. Sect. 3, 3:1. 1934.

C. Himalaya.

Potamogeton malalanus Miq., Fl. Arch. Ind. 46. 1871.

Potamogeton mucronatus K.B. Presl, Epimel. Bot. 245. 1895; Hook. f., Fl. Brit. India 6: 567. 1893.

E. India.

Potamogeton natans L., Sp. Pl. 126. 1753; Hook. f., Fl. Brit. India 6: 565. 1893.

N.W. to C. Himalaya, N.W. & E. India.

Potamogeton nodosus Poir. in Lam., Encycl. Suppl. 4: 535. 1816.

Potamogeton indicus sensu Hook. f., Fl. Brit. India 6: 565. 1893 non Roxb., 1832.

Potamogeton oblongus sensu Hook. f., *l.c.* 566 *p.p.* non Viv. 1802.

Throughout India.

Potamogeton oblongus Viv. in Ann. Bot. 1, 2: 102. 1802; Hook. f., Fl. Brit. India 6: 566. 1893, *p.p.*

N.E. India.

Potamogeton octandrus Poir. in Lam., Encycl. Suppl. 4: 517. 1816.

Potamogeton javanicus Hassk. in Act. Soc. Sci. Ind. Neerl. Ind. 1: 26. 1856; Hook. f., Fl. Brit. India 6: 566. 1893.

Throughout India.

Potamogeton orientalis Hagstrom in Bot. Notis. 102. 1908.

N.E. India.

Potamogeton pectinatus L., Sp. Pl. 127. 1753; Hook. f., Fl. Brit. India 6: 567. 1893.

Throughout India.

Potamogeton perfoliatus L., Sp. Pl. 126. 1753;
Hook. f., Fl. Brit. India 6: 566. 1893.
W. to E. India, W. Himalaya.

Potamogeton polygonifolius Pourr. in Mem.
Acad. Toulouse 3: 325. 1788.

Potamogeton gramineus non L., Sp. Pl. 127.
1753; Kak & Javeid in Indian Forester 108:
719. 1982.
N.W. Himalaya, N.E. India.

Potamogeton pusillus L., Sp. Pl. 127. 1753;
Hook. f., Fl. Brit. India 6: 567. 1893.

ssp. *pusillus*.
N.W. to C. Himalaya, E. India.

ssp. *flabellatus* (Bab.) Hook. f., Student's Brit.
Fl. 436. 1870 & Fl. Brit. India 6: 567. 1893.

Potamogeton flabellatus Bab. in Proc. Linn. Soc.
2. 1853.
N.W. to E. India.

Potamogeton stylatus Hagstrom. in Bot. Notis.
103. 1908.
N.E. India.

Potamogeton tepperi A. Benn. in J. Bot. 25:
178. 1887; Kak in J. Bombay Nat. Hist. Soc.
80: 313.(1983) 1984.
N.W. Himalaya.

Potamogeton zizii Mert. & Koch, Deutsch Fl.
1: 845. 1823; Kak in J. Bombay Nat. Hist. Soc.
80: 315.(1983) 1984.
N.W. Himalaya.

RUPPIACEAE.

RUPPIA L., Sp. Pl. 127. 1753.

Ruppia maritima L., Sp. Pl. 127. 1753; Hara
in J. Jap. Bot. 58: 324. 1983.

Ruppia rostellata Koch in Reichb., Ic. Pl. Crit.
2: 66, t.174. 1824; Hook. f., Fl. Brit. India 6:
568. 1893.

ssp. *maritima*.
Throughout India.

ssp. *spiralis* L. ex Dumort, Fl. Belg. 164. 1827;
C.E.C. Fischer in Gamble, Fl. Pres. Madras
1600. 1931 (3:1116. 1967, Repr.ed.).
S. India.

SMILACACEAE

HETEROSMILAX Kunth, Enum. Pl. 5: 270.
1850.

Heterosmilax japonica Kunth, Enum. Pl. 5:
250. 1850; T. Koyama in Brittonia 36: 195.
1984.

Heterosmilax indica DC., Monogr. Phan.1: 43.
1878.
N.E. India.

Heterosmilax polyandra Gagnep. in Bull. Soc.
Bot. France 81: 70. 1934; T. Koyama in
Brittonia 36:193. 1984.
N.E. India.

SMILAX L., Sp. Pl. 1028. 1753.

Smilax arisanensis Hayata, Mat.Fl.Formosa 356.
1911; T. Koyama in Adv. Front. Pl. Sci. 4: 62.
1963.

Smilax oxyphylla Wall. ex Kunth, Enum. Pl. 5:
238. 1850.
E. Himalaya, N.E. India.

Smilax aspera L., Sp. Pl. 1028. 1753; Hook. f.,
Fl. Brit. India 6: 306. 1892; T. Koyama in
Adv. Front. Pl. Sci. 4: 61. 1963.
Throughout India.

Smilax blumei DC., Monogr. Phan. 1: 202.
1878 excl. spec. emend. T. Koyama in J. Jap.
Bot. 35: 151. 1960.
Andaman & Nicobar Islands.

Smilax bracteata Presl var. *verruculosa* (Merr.)
T. Koyama in Quart. J. Taiwan Mus. 10: 18.
1957 & Adv. Front. Pl. Sci. 4: 46. 1963.

Smilax verruculosa Merr. in Philipp. J. Sci. 5:
173. 1910 & Enum. Philipp. Fl. Pl. 1: 209.
1922.

Smilax aspericaulis Wall. ex DC., Monogr.
Phan. 1:195. 1878; Hook. f., Fl. Brit. India 6:
306. 1892.
E. Himalaya, N.E. India, Andaman & Nicobar
Islands.

Smilax davidiana DC., Monogr. Phan. 1: 104.
1878; T. Koyama in Adv. Front. Pl. Sci. 4: 64.
1963.

Smilax ferox sensu Hook. f., Fl. Brit. India 6:
307. 1892 *p.p.* non Wall. ex Kunth, 1850.
N.E. India.

Smilax ferox Wall. ex Kunth, Enum. Pl. 5: 251. 1850; Hook. f., Fl. Brit. India 6: 307. 1892, p.p.; T.Koyama in Quart. J. Taiwan Mus. 13: 19. 1960 & in Adv. Front. Pl. Sci. 4: 63. 1963. E. & N.E. India.

Smilax gaultheriifolia Griff., Itin. Notes 2, 126: 43. 1848. Bhutan.

Smilax glabra Roxb., Fl. Ind. 3: 792. 1832; Hook. f., Fl. Brit. India 6: 302. 1892; T. Koyama in Quart. J. Taiwan Mus. 13: 20. 1960 & in Adv. Front. Pl. Sci. 4: 66. 1963. N.E. India.

Smilax glaucophylla Klotz. in Reise. Prinz. Nald. Bot. 45, 191. 1862; T.Koyama in Quart. J. Taiwan Mus. 13:34. 1960 & in Adv. Front. Pl. Sci. 4:67. 1963.

Smilax parvifolia Kunth ex Hook. f., Fl. Brit. India 6:304. 1892. Temperate Himalaya, N.W. to N.E.India.

Smilax griffithii DC., Monogr. Phan.1: 198. 1878; Hook. f., Fl. Brit. India 6: 313. 1892; T. Koyama in Quart. J. Taiwan Mus. 13: 58. 1960 & in Adv. Front. Pl. Sci. 4: 45. 1963.

var. *griffithii*.
N.E. India.

var. *horlii* Panigr. & Nalk in Curr. Sci. 33: 500. 1964. E. Himalaya.

var. *pallescens* (DC.) T.Koyama in Adv. Front. Pl. Sci. 4: 45. 1963.

Smilax pallescens DC., Monogr. Phan. 1: 198. 1878. E. Himalaya, N.E. India.

Smilax kungii Hook. f., Fl. Brit. India 6: 307. 1892; T. Koyama in Adv. Front. Pl. Sci. 4: 57. 1963. E. Himalaya.

Smilax lanceafolia Roxb., Fl. Ind. 3: 792. 1832; Hook. f., Fl. Brit. India 6: 308. 1892; T.Koyama in Quart. J. Taiwan Mus. 13: 22. 1960 & in Adv. Front. Pl. Sci. 4: 53. 1963. Throughout N.E.India; E. to C.Himalaya.

Smilax longibracteolata Hook. f., Fl. Brit. India 6: 305. 1892. N.E. India.

Smilax luzonensis K.B. Presl, Rel. Haenk. 1: 131. 1827; T.Koyama in Quart. J. Taiwan Mus. 13: 29. 1960. Peninsular India, N.W. Himalaya.

Note: Curiously, T.Koyama in his "The Indian species of *Smilax* in Adv. Front. Pl. Sci.4:39-77. 1963" does not mention this species from India.

Smilax megacarpa DC., Monogr. Phan. 1: 186. 1878; Hook. f., Fl. Brit. India 6: 311. 1892; T.Koyama in Adv. Front. Pl. Sci. 4: 50. 1963.

Smilax extensa Wall. ex Hook. f., l.c. 309. N.E.India, Andaman and Nicobar Islands.

Smilax menispermoides DC., Monogr. Phan. 1: 108. 1878; T.Koyama in Adv. Front. Pl. Sci.4 : 70. 1963.

Smilax elegans Wall. ex Hook. f., Fl. Brit. India 6: 305. 1892 non Wall. ex DC. 1878. Temperate Himalaya, N.W.India.

Smilax microphylla C.H. Wright ssp. *elongata* (Warb.) T.Koyama in Fl. Thailand 2: 237. 1975 & in Hara et al., Enum. Fl. Pl. Nepal 1: 79. 1978.

Smilax microphylla var. *elongata* Warb. in Engl., Bot. Jahrb. 29: 259. 1900. Nepal.

Smilax minutiflora DC., Monogr. Phan. 1: 109. 1878; Hook. f., Fl. Brit. India 6: 305. 1893; T.Koyama in Adv. Front. Pl. Sci. 4: 72. 1963. C. to E. Himalaya, E. & N.E.India.

Smilax ocreata DC., Monogr. Phan. 1: 193. 1878; T. Koyama in Adv. Front. Pl. Sci. 4: 57. 1963.

Smilax roxburghiana Wall. ex Hook. f., Fl. Brit. India 6: 311. 1892 p.p. (excl. syn.*Smilax orthoptera*). N.E.India; Himalaya.

Smilax orthoptera DC., Monogr. Phan. 1: 193. 1878; T.Koyama in Adv. Front. Pl. Sci. 4: 56. 1963. Tropical Himalaya, E. & N.E.India.

Smilax osmastonii Wang & Tang in Bull. Fen. Mem. Inst. Biol. Peiping 7: 298. 1937; T.Koyama in Adv. Front. Pl. Sci. 4: 75. 1963.

Smilax erecta Osmaston in Kew Bull. 1925: 284. 1925 non Merr., 1918. N.E.India; Himalaya.

Smilax ovalifolia Roxb., Fl. Ind. 3: 794. 1832; T.Koyama in Adv. Front. Pl. Sci. 4: 48. 1963.

Smilax macrophylla Roxb., l.c. 793 non Willd., 1805; T.Koyama in Quart. J.Taiwan Mus. 13: 59. 1960.

Smilax zeylanica sensu C.E.C. Fischer in Gamble, Fl. Pres. Madras 1518. 1928 (3:1061. 1967, Repr. ed.) p.p. non L. 1753. Throughout India.

Smilax perfoliata Lour., Fl. Cochinch. 622. 1790; T.Koyama in Quart. J.Taiwan Mus. 13:38. 1960 & in Adv. Front. Pl. Sci. 4:59. 1963.

Smilax prolifera Roxb., Fl. Ind.3: 795. 1832; Hook. f., Fl. Brit. India 6: 312. 1892. Peninsular, E. & N.E.India, Tropical Himalaya.

Smilax polycantha Wall. ex Kunth, Enum. Pl. 5: 239. 1850; T.Koyama in Adv. Front. Pl. Sci. 4: 52. 1966.

N.E.India, Andaman & Nicobar Islands.

Smilax quadrata DC., Monogr. Phan.1: 183. 1878; Hook. f., Fl. Brit. India 6: 308. 1892; T.Koyama in Adv. Front. Pl. Sci. 4: 54. 1963. N.E. India.

Smilax quadrumbellata T. Koyama in J. Jap. Bot. 42: 189. 1967. India?

Smilax rigida Wall. ex Kunth, Enum. Pl. 5: 164. 1850; T.Koyama in Adv. Front. Pl. Sci. 4: 73. 1963.

var. *rigida*.
C. to E. Himalaya.

var. *myrtilus* (DC.) T.Koyama in Adv. Front. Pl. Sci. 4:74.1963

Smilax myrtilus DC., Monogr. Phan. 1:166. 1878; Hook. f., Fl. Brit. India 6: 304. 1892. N.E. India.

Smilax slamensis T.Koyama in Brittonia 26: 136. 1974. E. India.

Smilax turbans Wang & Tang in Bull. Fan Mem. Inst. Biol., Peiping Bot. Ser. 7: 298. 1937. Himalaya, N.E. India.

Smilax vaginata Decne. in Jacquem., Voy. Bot. Pl. 4(Bot.): 169, t. 169. 1844; Hook. f., Fl. Brit. India 6: 305. 1892; T.Koyama in Quart.

J.Taiwan Mus. 13: 49. 1960 & in Adv. Front. Pl. Sci. 4: 74. 1963.

N.W.,E. & N.E. India, W. Himalaya.

Smilax wightii DC., Monogr. Phan. 1: 174. 1878; Hook. f., Fl. Brit. India 6: 310. 1892; T.Koyama in Adv. Front. Pl. Sci.4: 49. 1963. Tamil Nadu (Nilgiris), E. to C. Himalaya.

Smilax zeylanica L., Sp. Pl. 1429. 1753; Hook. f., Fl. Brit. India 6: 309. 1892; T.Koyama in Adv. Front. Pl. Sci.4: 50. 1963.

Smilax indica Vitman, Summa Pl. 5: 422. 1879. Throughout India on Hill tops.

SPARGANIACEAE

SPARGANIUM L.,Sp. Pl. 971. 1753.

Sparganium angustifolium Michx., Fl. Bor. Amer. 2: 189. 1803.

Sparganium simplex sensu Hook. f., Fl. Brit. India 6: 490. 1893 non Huds., 1778.

Sparganium emersum Rehm. in Verh. Naturf. Vereus Brunn 10: 80. 1871. E. Himalaya, N.E. India.

Sparganium erectum L., Sp. Pl. 971. 1753.

Sparganium ramosum Huds., Fl. Angl. ed. 2: 401. 1778 emend. Besly in J. Bot. 23: 26. 193. 1885; Hook. f., Fl. Brit. India 6: 490. 1893. N.W. Himalaya.

Sparganium fallax Graeb. in Allg. Bot. Zeitsch 4: 32. 1898 & in Engl., Pflanzenr. 2: 15. 1900. E. Himalaya, N.E. India.

Sparganium stoloniferum Buch. Ham. ex Juz. in Fl. USSR 1: 219. 1934.

W. Himalaya.

STEMONACEAE

STEMONA Lour., Fl. Cochinch. 401, 404. 1790.

Stemona tuberosa Lour., Fl. Cochinch. 404. 1790; Hook. f., Fl. Brit. India 6: 298. 1892.

var. *tuberosa*.
C. & N.E. India.

var. *minor* (Hook.f.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1514. 1928 (3: 1058. 1967 Repr. ed.).

Stemona minor Hook. f., Fl. Brit. India 6:298. 1892.
S. to E. India.

STICHONEURON Hook. f. in Bth. & Hook. f., Gen. Pl. 3: 747. 1883.

Stichoneuron membranaceum Hook. f., Fl. Brit. India 6: 299. 1892.
E. & N.E. India.

TACCACEAE

TACCA J.R. & J.G.A. Forst., Charal. Gen. 69. 1776. (*nom. cons.*)

Tacca chantrieri Andre in Rev. Hort. 73: 541. 1901; Drenth in Steenis, Fl. Males. 7: 813. 1976.

Tacca roxburghii Limpr. in Engl., Pflanzenr. 2: 18. 1928.
N.E. India.

Tacca integrifolia Ker Gawl. in Bot. Mag. 35, t. 1488. 1812; Roxb., Pl. Cor. 3: 53, t.257. 1820; Hook. f., Fl. Brit. India 6: 287. 1892.

Tacca laevis Roxb., Fl. Ind. 2: 171. 1832.

Tacca choudhuriana Deb in Indian Forester 90: 241, f.1-2. 1964.

Tacca aspera Roxb., Fl. Ind.2: 169. 1832.
Peninsular & N.E. India, E.Himalaya.

Tacca leontopetaloides (L.) O. Ktze., Rev. Gen. Pl. 2: 704. 1891.

Leontice leontopetaloides L., Sp. Pl. 313. 1753.

Tacca pinnatifida J.R. & J.G.A. Forst., Char. Gen. 35: t. 35. 1776; Roxb., Fl. Ind.2: 172. 1832; Hook. f., Fl. Brit. India 6: 287. 1892.

Peninsular, C. & E. India, Andaman & Nicobar Islands.

TRILLIACEAE

TRILLIUM L., Sp. Pl. 339. 1753.

Trillium govanianum Wall. ex Royle, Ill. Bot. Himal. 1: 384, t. 93. 1839; Hook. f., Fl. Brit. India 6: 361. 1892.

Trillidium govanianum (Wall.ex Royle) Kunth, Enum. Pl. 5: 120. 1850.
Temperate Himalaya.

Trillium tschonoskii Maxim. in Bull. Acad. St. Petersb. 29: 218. 1884; Hook. f., Fl. Brit. India 6: 361. 1892.

var. *tschonoskii*.
E. Himalaya.

var. *himalicum* Hara in J. Jap. Bot. 44: 373. 1969.
E. Himalaya.

TRIURIDACEAE

SCIAPHILA Bl., Bijdr. 514. 1825.

Sciaphila janthina (Champ.) Thw., Enum. Pl. Zeyl. 294. 1864; Hook. f., Fl. Brit. India 6: 558. 1893.

Hyalisma janthina Champ. in Calcutta J. Nat. Hist. 7: 466. 1847.
S. India.

Sciaphila khasiana Hook. f. in Bth. & Hook. f., Gen. Pl. 3: 1003. 1885 & Fl. Brit. India 6: 559. 1893.
N.E. India.

TYPHACEAE

TYPHA L., Sp. Pl. 971. 1753.

Typha angustifolia L., Sp. Pl. 971. 1753;
Backer in Steenis, Fl. Males.1, 4: 243. 1951.

Typha domingensis Pers., Syn. Pl. 2: 532. 1807.

Typha angustata Bory & Chaub., Exped. Sci. Morée Bot. 2, 1: 338. 1832; Hook. f., Fl. Brit. India 6: 489. 1892.
Throughout India.

Typha elephantina Roxb., Fl. Ind. 3: 366. 1832; Hook. f., Fl. Brit. India 6: 489. 1892.

Typha latifolia Edgew. in J. Linn. Soc. 6: 194. 1862 *non* L., 1753.
Throughout India.

Typha laxmannii Lepech. in Nov. Act. Acad. Petrop. 12 : 355, t. 4.1801; Hook. f., Fl. Brit. India 6: 489. 1892.
N.W. Himalaya.

KYRIDACEAE

KYRIS L., Sp. Pl. 42. 1753.

Kyris cespensis Thunb. var. *schoenoides* (Mart.) Nilsson in K. Svensk. Hand. Ny. F. Joid. 24, 14: 41. 1892.

Kyris schoenoides Mart. in Wall., Pl. Asiat. Rar. 3: 30. 1832; Hook. f., Fl. Brit. India 6: 365. 1892.
Tamil Nadu (Nilgiri Hills), N.E. India.

Xyris complanata R. Br., Prodr. 1: 256. 1810.

Xyris anceps sensu Hook. f., Fl. Brit. India 6: 364. 1892 non Lam. 1789.
Peninsular India.

Xyris coronata Haines, Bot. Bin. Orissa 6: 1072. 1924 (3:1121. 1961, Repr. ed.).
E. India.

Xyris indica L., Sp. Pl. 62. 1753; Hook. f., Fl. Brit. India 6: 364. 1892.
Xyris robusta Mart. in Wall., Pl. Asiat. Rar. 3: 30. 1832.

Peninsular & N.E. India, E. Himalaya.

Xyris pauciflora Willd., Phytogr. 1: 2, t. 1, f. 1. 1794; Hook. f., Fl. Brit. India 6: 365. 1892.
Peninsular, E & N.E. India.

Xyris wallichii Kunth, Enum. Pl. A: 16. 1843; Hook. f., Fl. Brit. India 6: 365. 1892.
N.E. India.

ZANNICHELLIACEAE

ZANNICHELLIA L., Sp. Pl. 969. 1753.

Zannichellia palustris L., Sp. Pl. 969. 1753; Dandy in Rech. f., Fl. Iran. Fasc. 85: 2. 1971.

Zannichellia palustris ssp. *pedicellata* Hook. f., Fl. Brit. India 6: 568. 1892.
Throughout India in salt marshes.

ZINGIBERACEAE

ACHASMA Griff., Notul. 3: 426. 1851.

Achasma loroglossum (Gagnep.) K. Larsen in Nord. J. Bot. 1: 46. 1981.

Amomum loroglossum Gagnep. in Bull. Soc. Bot. France 1, 4: 258. 1902.

Hornstedtia loroglossa (Gagnep.) K. Schum. in Engl., Pflanzenr. 46: 196. 1904; A.S. Rao & Verma in Bull. Bot. Surv. India 11: 247. 1971.
N.E. India.

ALPINIA Roxb. in Asiat. Res. 11: 350. 1810 (*nom. cons.*).

Alpinia abundiflora Burt & R.M. Smith in Notes R. Bot. Gard. Edinb. 34: 179, f. 5. 1975.

Amomum involucreatum sensu C.E.C. Fischer in Gamble, Fl. Pres. Madras 1487. 1928 (3:1039. 1967, Repr. ed.) auct. non (Thw.) Trim., 1885.
S. India.

Alpinia aquatica (Retz.) Rosc. in Trans. Linn. Soc. 8: 346. 1807; Baker in Hook. f., Fl. Brit. India 6: 256. 1892.

Heritiera aquatica Retz., Obs. Bot. 6: 18. 1791.
Peninsular India (in swamps).

Alpinia bracteata Roxb., Fl. Ind. 1: 63. 1820; Baker in Hook. f., Fl. Brit. India 6: 255. 1892.
Himalaya, E. & N.E. India.

Alpinia calcarrata (Haw.) Rosc. in Trans. Linn. Soc. 8: 347. 1807; Baker in Hook. f., Fl. Brit. India 6: 254. 1892.

Renealmia calcarrata Haw. in Andr., Bot. Rep. 1. 421. 1804.
Peninsular & N.E. India.

Alpinia cochigera Griff., Notul. 3: 424, t. 354. 1851; Baker in Hook. f., Fl. Brit. India 6: 253. 1892.
E. India.

Alpinia galanga (L.) Swartz, Obs. Bot. 8. 1791; Baker in Hook. f., Fl. Brit. India 6: 253. 1892.

Maranta galanga L., Sp. Pl. ed. 2.2.1762.

Languas galanga (L.) Swartz in U.S. Dept. Agri. Bull. 261: 21. 1912.
Throughout India including foot Hills of Himalaya.

Alpinia kingii Baker in Hook. f., Fl. Brit. India 6: 241. 1892.
E. Himalaya.

Alpinia malaccensis (Burm.f.) Rosc. in Trans. Linn. Soc. 8: 345. 1807; Baker in Hook. f., Fl. Brit. India 6: 255. 1892.

Maranta malaccensis Burm. f., Fl. Ind. 2. 1768.

Catimbium malaccensis (Burm.f.) Holtt. in Gard. Bull. Strait. Settl. 13: 155. 1950.
N.E. India, W. Himalaya.

Alpinia manil Baker in Hook. f., Fl. Brit. India 6: 253. 1892.
Andaman & Nicobar Islands.

Alpinia nigra (Gaertn.) Burt in Notes R.B.G. Edinb. 35: 213. 1977.

Zingiber nigrum Gaertn., Fruct. 1: 35, t. 12. 1788.

Heritiera allughas Retz., Obs. Bot. 6: 17, t. 1. 1791.

Alpinia allughas (Retz.) Rose. in Trans. Linn. Soc. 8: 346. 1807; Baker in Hook. f., Fl. Brit. India 6: 253. 1892.

Langkas allughas (Retz.) Burk. in Kew Bull. 1935: 317. 1935.
Himalaya, E.India.

AMOMUM Roxb., Fl. Ind. Carey & Wall. ed. 1: 317. 1820 (nom.cons.).

Amomum aculeatum Roxb. in Asiat. Res. 11: 344, t.6. 1810 & Fl.Ind., Carey & Wall. ed.1: 40. 1820; Baker in Hook. f., Fl. Brit. India 6: 243. 1892.
Andaman & Nicobar Islands.

Amomum aromaticum Roxb., Fl. Ind. Carey & Wall. ed. 1: 45. 1820; Baker in Hook. f., Fl. Brit. India 6: 241. 1892.
Tropical C. to E.Himalaya N.E.India.

Amomum cannaecarpum (Wight) Bth. in Eth. & Hook. f., Gen. Pl. 3: 644. 1883; Baker in Hook. f., Fl. Brit. India 6: 240. 1892.

Elettaria cannaecarpum Wight, Ic. t. 2007. 1853.
S. India.

Amomum compactum Soland. ex Maton in Trans. Linn. Soc. 10: 251. 1811; Burt & R.M. Smith in Notes R.B.G. Edinb. 31: 309. 1972; Burt in Manilal, Bot. Hist. Hort. Malab. 148. 1980.
S. India.

Amomum corynostachyum Wall., Pl. Asiat. Rar. 1: 48, t. 58. 1830; Baker in Hook. f., Fl. Brit. India 6: 238. 1892.
E. Himalaya, N.E.India.

Amomum fulviceps Thw., Enum. Pl. Zeyl. 317. 1864; Panigr. & Naik in Bull. Bot. Surv. India 8: 90. 1966.
N.E. India.

Amomum holmesii K. Schum. in Engl., Pflanzenz. 20: 256. 1904.
S. India.

Amomum hypoleucum Thw., Enum. Pl. Zeyl. 318. 1864; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1487. 1928 (3:1039.1967, Repr. ed.).
S. India.

Amomum maximum Roxb., Fl. Ind. 1: 41.1820.

Amomum dealbatum Roxb., Fl. Ind. 1: 43. 1820; Baker in Hook. f., Fl. Brit. India 6: 239. 1892.

Himalaya, N.E.India, Andaman & Nicobar Islands.

Amomum muricatum Bedd. in Madras J. Sci. 3, 1: 59.1864; C.E.C. Fischer in Gamble, Fl. Pres. Madras 1487. 1931 (3:1039. 1967, Repr. ed.).
(Anamalai Hills), S.India.

Amomum pauciflorum Baker in Hook. f., Fl. Brit. India 6: 232. 1892.
N.E. India.

Amomum pterocarpum Thw., Enum. Pl. Zeyl. 317. 1861; Baker in Hook. f., Fl. Brit. India 6:241. 1892.

Amomum microstephanum Baker, l.c. 239.
Peninsular India.

Amomum sericeum Roxb., Fl.Ind.1: 46. 1820.

Amomum dealbatum var. *sericeum* (Roxb.) Baker in Hook. f., Fl. Brit. India 6: 239. 1892.
E. Himalaya, N.E.India.

Amomum subulatum Roxb., Pl. Cor. 3: 75, 1277. 1819 & Fl. Ind. 1: 44. 1820; Baker in Hook. f., Fl. Brit. India 6: 240. 1892.
C. to E.Himalaya, E. & N.E.India.

BOESENBERGIA O. Ktze., Rev.Gen. Pl.2: 685. 1891.

Boesenbergia albolutea (Baker) Sanjappa *comb. nov.*

Gastrochilus albolutea Baker in Gard. Chron. 3,16: 345. 1896.
Andaman & Nicobar Islands.

Boesenbergia pulcherrima (Wall.) O. Ktze., Rev. Gen. Pl. 685. 1891; Mangaly & Swarupanandan in Bull. Bot. Surv.India 23: 235. (1981) 1983.

Gastrochilus pulcherrima Wall., Pl. Asiat. Rar. 1: 22, t. 24. 1829; Baker in Hook. f., Fl. Brit. India 6: 217. 1890.
S. India.

Boesenbergia rotunda (L.) Mansf. in Kulturpfl. 6: 239. 1958; Burt in Manilal, Bot. Hist. Hort. Malab. 148. 1980.

Curcuma rotunda L., Sp. Pl. 2. 1753.

Kaempferia pandurata Roxb. in Asiat. Res. 11: 328, t. 2. 1810.

Gastrochilus panduratus (Roxb.) Ridl. in J.Asiat. Soc. straits 32: 100, 114. 1879.

Boesenberglia pandurata (Roxb.) Schltr. in Fedde, Repert. 12: 316. 1913; Baker in Hook. f., Fl. Brit. India 6: 220. 1892.

Gastrochilus rotundus (L.) Alst. in Trin., Handb. Fl. Ceylon 6 (Suppl.): 281. 1931.
Peninsular India, Andaman & Nicobar Islands.

Boesenberglia rubrolutea (Baker) O. Ktze., Rev. Gen. Pl. 685. 1891.

Gastrochilus rubrolutea Baker in Hook. f., Fl. Brit. India 6: 218. 1890.
N.E. India.

Boesenberglia tiliaefolia (Baker) O. Ktze., Rev. Gen. Pl. 685. 1891; Mangaly & Swarupanandan in Bull. Bot. Surv. India 23: 236.(1981) 1983.

Gastrochilus tiliaefolia Baker in Hook. f., Fl. Brit. India 6: 218. 1890.
S. & N.E. India.

CAULOKAEMPFERIA K. Larsen in Bot. Tidsskr. 60: 166. 1964.

Caulokaempferia linearis (Wall.) K.Larsen in Bot. Tidsskr. 60: 170. 1964.

Kaempferia linearis Wall. in Roxb., Fl. Ind. 1: 20. 1820; Baker in Hook. f., Fl. Brit. India 6: 223. 1890.
N.E. India.

Caulokaempferia secunda (Wall.) K.Larsen in Bot. Tidsskr. 60: 170. 1964.

Kaempferia secunda Wall. in Roxb., Fl. Ind. 1: 19. 1820.

Monolophus secundus (Wall.) Wall., Pl. Asiatic. Rar. 1: 24. 1830.
E. Himalaya, N.E. India.

CAUTLEYA (Bth.) Royle ex Hook. f. in Bot. Mag. 114: t. 6991. 1888.

Cautleya cathcartii Baker in Hook. f., Fl. Brit. India 6: 208. 1890.
E. Himalaya.

Cautleya gracilis (J.E.Sm.) Dandy in J.Bot. 70: 328. 1954.

Roscoea gracilis J.E. Sm. in Trans. Linn. Soc. 13: 460. 1812.

Roscoea lutea Royle, Ill. Bot. Himal. 361, t. 89, l. 2. 1839.

Cautleya lutea (Royle) Hook. f. in Bot. Mag. L. 6991. 1888; Baker in Hook. f., Fl. Brit. India 6: 208. 1890.

var. *gracilis*.
Temperate Himalaya, N.E. India.

var. *gracillior* (K. Schum.) Sanjappa comb. nov.

Cautleya lutea Royle var. *gracillior* K.Schum. in Engl., Pflanzenr. 20: 124. 1904.
W. to C. Himalaya.

var. *robusta* (K.Schum.) Sanjappa comb. nov.

Cautleya lutea var. *robusta* K.Schum. in Engl., Pflanzenr. 20: 125. 1904.
E. Himalaya, N.E. India.

Cautleya petiolata Baker in Hook. f., Fl. Brit. India 6: 209. 1890.
W. Himalaya.

Cautleya robusta Baker in Hook. f., Fl. Brit. India 6: 209. 1890.
E. Himalaya.

Cautleya spicata (J.E.Sm.) Baker in Hook. f., Fl. Brit. India 6: 209. 1890.

Roscoea spicata J.E. Sm. in Trans. Linn. Soc. 13: 461. 1812.
Himalaya.

COSTUS L., Sp. Pl. 2. 1753.

Costus lacerus Gagnep. in Bull. Soc. Bot. France 3, 50: 261. 1903; Hara et al., Enum. Fl. Pl. Nepal 1: 59. 1978.
C. to E. Himalaya, N.E. India.

Costus speciosus (Koen.) J.E. Sm. in Trans. Linn. Soc. 1: 249. 1800; Baker in Hook. f., Fl. Brit. India 6: 249. 1892.

Banksia speciosa Koen. apud Retz., Obs. Bot. 3: 75. 1783.

Costus nipalensis Rose., Monandr. Pl. t. 80. 1826.

Costus speciosus var. *nipalensis* (Rose.) Baker in Hook. f., l.c. 250.
Throughout India.

CURCUMA L., Sp. Pl. 2. 1753.

Botanical Survey of India

- Curcuma amada* Roxb. in *Asiat. Res.* 11: 341. 1810 & *Fl. Ind.* 1: 33. 1820; Baker in Hook. f., *Fl. Brit. India* 6:213. 1890.
Peninsular & E. India.
- Curcuma amarissima* Rosc., *Monandr. Pl.* t. 101. 1828; Baker in Hook. f., *Fl. Brit. India* 6: 212. 1890.
E. India.
- Curcuma angustifolia* Roxb. in *Asiat. Res.* 11: 338, t. 3. 1810 & *Fl. Ind.* 1: 31. 1820; Baker in Hook. f., *Fl. Brit. India* 6: 210. 1890.
Tropical W. to C.Himalaya, N.E.India.
- Curcuma aromatica* Salieb., *Parad.* 20: t.96. 1807 & in *Trans. Hort. Soc.* 1: 285. 1812; Baker in Hook. f., *Fl. Brit. India* 6: 210. 1890.
Throughout India.
- Curcuma caesia* Roxb. in *Asiat. Res.*11: 334. 1810 & *Fl. Ind.*1 : 26. 1820; Baker in Hook. f., *Fl. Brit. India* 6: 212. 1890.
E. India.
- Curcuma declivens* Dalz. in Hook., *Kew J. Bot.* 2: 144. 1850; Baker in Hook. f., *Fl. Brit. India* 6: 215. 1892.
Peninsular India.
- Curcuma esculcarata* Sivarajan & Indu in *Notes R. B. G. Edinb.* 41: 321, f. 1.1983.
S. India.
- Curcuma ferruginea* Roxb. in *Asiat. Res.* 11: 336. 1810 & *Fl. Ind.* 1: 27. 1820; Baker in Hook. f., *Fl. Brit. India* 6: 213. 1890.
E. India.
- Curcuma inodora* Blau. in *J. Proc. Asiat. Soc. Beng.(N.S.)* 26: 357. 1931.
Peninsular India.
- Curcuma latifolia* Rosc., *Monandr. Pl.* t.108. 1828; Baker in Hook. f., *Fl. Brit. India* 6: 211. 1890.
N. India.
- Curcuma leucorrhiza* Roxb. in *Asiat. Res.* 11: 337. 1810 & *Fl. Ind.* 1: 30. 1820.
E. India.
- Curcuma longa* L., *Sp. Pl.*2. 1753, *Pro max parte*; Baker in Hook. f., *Fl. Brit. India* 6: 214. 1890.
Cultivated.
- Curcuma mangga* Val. & Van Zijp. in *Bull. Jard. Bot. Buitenz.* 2, 27: 50, t. 6, f. 1. 1918; Balakr. & Bhargava in *J. Bombay Nat. Hist. Soc.* 81: 512. 1984.
Andaman & Nicobar Islands.
- Curcuma montana* Roxb., *Pl. Cor.* t. 115. 1799; A.S.Rao & Verma in *Bull. Bot. Surv. India* 14: 122. (1972) 1975.
E. Himalaya, N.E. India.
- Curcuma nelgherrensis* Wight, *lc.* t. 2006. 1853; Baker in Hook. f., *Fl. Brit. India* 6: 210. 1890.
- Curcuma angustifolia* Dalz. & Gibs., *Bombay Fl.*274. 1861 non Roxb. 1810
Peninsular India.
- Curcuma oligantha* Trim. in *J. Bot.* 23:245. 1885; Burt & R.M. Smith in *Dissanayake & Fosberg, Rev. Handb. Fl. Ceylon* 4: 504. 1984; K.G. Bhat in *Ind. J.For.*10:66,f. A-G.1987.
- Curcuma kannanorensis* R. Ansari, V.J. & N.C. Nair in *Curr. Sci.* 51: 293, f.1. 1982.
var. *oligantha*.
Kerala.
- var. *lutea* (R.Ansari, V.J. & N.C.Nair) K.G. Bhat in *Ind. J. For.* 10:68. 1987.
- C. kannanorensis* var. *lutea* R. Ansari, V.J. & N.C.Nair in *Curr. Sci.* 51 :294. 1982.
Kerala.
- Curcuma petiolata* Roxb., *Fl. Ind.* 1: 37. 1820; Balakr. & Bhargava in *J. Bombay Nat. Hist. Soc.* 81: 513. 1984.
- Curcuma kurzii* King ex Baker in Hook. f., *Fl. Brit. India* 6: 216. 1890.
Andaman & Nicobar Islands.
- Curcuma pseudomontana* Grah., *Cat. Bombay Pl.* 210. 1839.
- Curcuma montana* Baker in Hook. f., *Fl. Brit. India* 6: 214. 1890 p.p. non Rosc., 1828.
- Curcuma ranadei* Prain in *J. Bombay Nat. Hist. Soc.*11: 463. 1898.
Peninsular India.
- Curcuma purpurea* Blatt. in *J.Proc. As. Soc. Beng.(N.S.)* 26: 358. 1931.
Peninsular India.
- Curcuma reclinata* Roxb. in *Asiat. Res.* 11: 342. 1810 & *Fl. Ind.* 1: 36. 1820; Baker in Hook. f., *Fl. Brit. India* 6: 214. 1890.
C. & N.India.

Curcuma rubescens Roxb. in Asiat. Res. 11: 336. 1810 & Fl. Ind. 1: 28. 1820; Baker in Hook. f., Fl. Brit. India 6: 213. 1890.
E. India.

Curcuma sulcata Haines in Kew Bull. 1923: 119. 1923.
C. to E. India.

Curcuma zedoaria (Christm.) Rosc. in Trans. Linn. Soc. 8: 354. 1862; Baker in Hook. f., Fl. Brit. India 6: 210. 1890.

Anomum zedoaria Christm. in Christm. & Panzer in Linn. Pflanzen syst. 5: 12. 1779.

Curcuma zerumbet Roxb. in Asiat. Res. 11: 332. 1810 & Pl. Cor. 3: t. 201. 1811.
Wild throughout N.E. India; cultivated throughout India.

CURCUMORPHA A.S. Rao & Verma in Bull. Bot. Surv. India 13: 339. 1974.

Curcumorpha longiflora (Wall.) A.S. Rao & Verma in Bull. Bot. Surv. India 13: 339. 1974.

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Boesenbergia longiflora (Wall.) O. Ktze., Rev. Gen. Pl. 685. 1891.
Throughout N.E. India, E. Himalaya.

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Elettaria cardamomum (L.) Maton in Trans. Linn. Soc. 10: 254, t. 5. 1811; Baker in Hook. f., Fl. Brit. India 6: 251. 1892; Burt in Menilal, Bot. Hist. Hort. Malab. 147. 1980.

Anomum cardamomum L., Sp. Pl. 1. 1753.

Elettaria cardamomum var. *minus* Watt, Econ. Prod. India 512. 1908.

Elettaria cardamomum var. *major* Baker in Hook. f., l.c.

Zingiber ensal Gaertn., Fruct. 1: 35. 1791.

Elettaria ensal (Gaertn.) Abeywickr. in Ceylon J. Sci. 2: 145. 1959.
W. Ghats, cultivated & in wild.

GLOBBA L., Mant. 2: 170. 1771.

Globba andersonii C.B.Cl. ex Baker in Hook. f., Fl. Brit. India 6: 202. 1890.
E. Himalaya.

Globba bracteolata Wall. ex Baker in Hook. f., Fl. Brit. India 6: 204. 1890; Bennet, Fl. Howrah Dist. 114. 1979.
E. India.

Globba bulbifera Roxb. in Asiat. Res. 11: 358. 1810 & Fl. Ind. 1: 78. 1820; Baker in Hook. f., Fl. Brit. India 6: 206. 1892.

Globba marantoides Wight, Ic. 6: t. 2001. 1853.
W. Ghats, E. Himalaya.

Globba canarenis Baker in Hook. f., Fl. Brit. India 6: 206. 1890.
S. India.

Globba cfarkel Baker in Hook. f., Fl. Brit. India 6: 201. 1890.
C. to E. Himalaya, N.E. India.

Globba hookeri C.B.Cl. ex Baker in Hook. f., Fl. Brit. India 6: 202. 1890.
C. to E. Himalaya, N.E. India.

Globba macroclada Gagnep. in Bull. Soc. Bot. France 50: 257. 1903; Hara, Fl. E. Him. 422. 1966.
E. Himalaya.

Globba marantina L., Mant. 170. 1771; Baker in Hook. f., Fl. Brit. India 6: 206. 1890.

Globba bulbifera Roxb., Asiat. Res. 11: 358. 1810; Baker in Hook. f., l.c.
S., E. & N.E. India, Andaman & Nicobar Islands, E. Himalaya.

Globba multiflora Wall. ex Baker in Hook. f., Fl. Brit. India 6: 202. 1890.
N.E. India.

Globba ophioglossa Wight, Ic. t. 2002. 1853; Baker in Hook. f., Fl. Brit. India 6: 202. 1890.
S. & E. India.

Globba orixensis Roxb. in Asiat. Res. 11: 358. 1810 & Pl. Cor. t. 229. 1815; Baker in Hook. f., Fl. Brit. India 6: 201. 1890.
S. & E. India, E. Himalaya.

Globba pauciflora King ex Baker in Hook. f., Fl. Brit. India 6: 205. 1890.
Andaman & Nicobar Islands.

Globba platystachya Baker in Hook. f., Fl. Brit. India 6:206. 1890.
S. India.

Globba racemosa J.E. Sm., Exot. Bot. 2: 115, t.117. 1804; Baker in Hook. f., Fl. Brit. India 6: 201. 1890.
C. to E. Himalaya, N.E. India.

Globba schomburgkii Hook. f. in Bot. Mag. 3, 33:t. 6298, 1877; R.N. Banerjee in Bull. Bot. Surv. India 8: 359. 1966.
E. India.

Globba sessiliflora Sims in Bot. Mag. 35: t. 1428, 1811; Raiz., Suppl. DuRoi's Fl. Upp. Gang. Pl.271. 1976.
N. India.

Globba siamensium (Koen.) A.S. Rao & Verma in Bull. Bot. Surv. India 14: 118.(1972) 1975.

Hura siamensium Koen. in Retz., Obs. Bot. 3: 49. 1783.

Globba versicolor J.E. Sm., Exot. Bot. L 117 A-C. 1804; Baker in Hook. f., Fl. Brit. India 6: 205. 1890.
N.E. India; Andaman & Nicobar Islands.

HEDYCHIUM Koen. in Retz., Obs. Bot. 3: 61. 1783.

Hedychium aurantiacum Rose, Monandr. Pl. t.39. 1828 ; Baker in Hook. f., Fl. Brit. India 6: 232. 1892.
Himalaya, N.E. India.

¹*Hedychium aureum* C.B.Cl. & Mann ex Baker in Hook. f., Fl. Brit. India 6: 229. 1892.
N.E. India; Bhutan.

Hedychium calcaratum A.S. Rao & Verma in Bull. Bot. Surv. India 11: 120. (1969) 1971.
N.E. India.

Hedychium coccineum Buch.- Ham. ex J.E. Sm. in Rees, Cyclop. 17:5. 1811; Baker in Hook. f., Fl. Brit. India 6: 231. 1892.

Hedychium angustifolium Roxb., Pl. Cor. t. 251. 1821.

Hedychium coccineum var. *angustifolium* (Roxb.) Baker in Hook. f., l.c.

var. *coccineum*.
C. to E. Himalaya, N.E.India.

var. *carneum* (Rosc.) Baker in Hook. f., Fl. Brit. India 6: 232. 1892.

Hedychium carneum Rosc., Monandr. Pl. t. 57. 1828.
N.E. India.

var. *longifolium* (Rosc.) Baker in Hook. f., Fl. Brit. India 6: 231. 1892.

Hedychium longifolium Rosc., Monandr. Pl. t.59. 1828.
E. Himalaya, N.E. India.

var. *roosei* Wall. ex Baker in Hook. f., Fl. Brit. India 6: 231. 1892.
W. to C. Himalaya.

var. *squarrosum* (Buch.- Ham. ex Wall.) Baker in Hook. f., Fl. Brit. India 6:231. 1892.

Hedychium squarrosum Buch.-Ham. ex Wall. in Hook., Kew J. Bot. 5:372. 1853.
N.E. India; Bhutan.

Hedychium coronarium Koen. in Retz., Obs. Bot.3: 73.1783; Baker in Hook. f., Fl. Brit. India 6: 225. 1892.

var. *coronarium*.
Throughout India.

var. *chrysoleucum* (Hook.) Baker in Hook. f., Fl. Brit. India 6: 226. 1892.

Hedychium chrysoleucum Hook., Bot. Mag. t. 4516. 1850.

Hedychium flavescens Carey ex Rosc. var. *chrysoleucum* (Hook.) C.E.C. Fischer in Gamble, Fl. Pres. Madras 1485. 1928 (3:1038.1967, Repr. ed.).
S. & N.E. India; Bhutan.

Hedychium deklannum A.S. Rao & Verma in Bull. Bot. Surv. India 11:122. (1969) 1971.
N.E. India.

Hedychium densiflorum Wall. in Hook., Kew J. Bot.5: 368. 1853; Baker in Hook. f., Fl. Brit. India 6: 227. 1892.

Hedychium sinoaureum Stapf in Kew Bull. 1825:432. 1825.
Temperate C. to E. Himalaya, N.E. India.

Hedychium edwardsii C.E.C. Fischer in Kew Bull. 1936: 280. 1936.
N.E. India.

Hedychium elatum R. Br. in Edw., Bot. Reg. 7: t.526. 1821; Baker in Hook. f., Fl. Brit. India 6: 232. 1892.

Subtropical Himalaya. E. & N.E. India.

Hedychium ellipticum Buch.-Ham. ex J.E.Sm.in Rees, Cyclop. 17: 2.1811; Baker in Hook. f., Fl. Brit. India 6: 228. 1892.

Tropical Himalaya, N.E. India.

Hedychium elwesii Baker in Hook. f., Fl. Brit. India 6: 226. 1892.

Hedychium coronarium var. *elwesii* (Baker) Naik in Bull. Bot. Surv. India 3:71. 1961.
N.E. India.

Hedychium flavescens Carey ex Rosc., Monandr. Pl. t.50. 1828; Orchard in New Zealand J. Bot. 16: 287. 1978.

Hedychium coronarium var. *flavescens* (Carey ex Rosc.) Baker in Hook. f., Fl. Brit. India 6: 226. 1892.

Hedychium subditum Turr. in Kew Bull. 1914: 370. 1914.

Hedychium coronarium var. *subditum* (Turr.) Naik in Bull. Bot. Surv. India 3: 71. 1961.
S. & N.E. India.

Hedychium flavum Roxb., Fl. Ind.1: 12. 1820.

Hedychium coronarium var. *flavum* (Roxb.) Baker in Hook. f., Fl. Brit. India 6: 226. 1892.

Hedychium urophyllum Lodd., Bot. Cat. t.1785. 1833.

Hedychium coronarium var. *urophyllum* (Lodd.) Baker in Hook. f., l.c.
N.E. India.

Hedychium gardnerianum Sheppard ex Ker-Gawl. in Edw., Bot. Reg.9: t. 774. 1824; Baker in Hook. f., Fl. Brit. India 6: 230. 1892.

var. *gardnerianum*.

C. to E. Himalaya, E. & N.E. India.

var. *pallidum* (Regel) Baker in Hook. f., Fl. Brit. India 6: 230. 1892.

Hedychium pallidum Regel in Trans. Russ. Hort. Soc. t. 153. 1864.
N.E. India.

Hedychium gomezianum Wall. in Kew J. Bot.5: 368. 1853; Srivastava in Ind. J. For. 9: 85, f.l. 1986.
Arunachal Pradesh.

Hedychium gracile Roxb., Pl. Cor. 3: 48, t. 251. 1820 & Fl. Ind. 1:14. 1820; Baker in Hook. f., Fl. Brit. India 6: 229. 1892, p.p.

Hedychium glaucum Rosc., Monandr. Pl. t. 53. 1828.

Hedychium gracile var. *glaucum* (Rosc.) Baker in Hook. f., l.c.

C.to E. Himalaya, N.E. India.

Hedychium gracillimum A.S.Rao & Verma in Bull. Bot. Surv. India 11: 124.(1969) 1971.
N.E. India, E. Himalaya.

Hedychium gratum Wall. ex Baker in Hook. f., Fl. Brit. India 6: 232. 1892.
N.E. India.

Hedychium greenii W.W. Sm.in Rec. Bot. Surv. India 4: 272. 1911.
N.E. India, E. Himalaya.

Hedychium griffithianum Wall. in Hook., Kew J. Bot. 5: 369. 1853; Baker in Hook. f., Fl. Brit. India 6: 229. 1892.

var. *griffithianum*

N.E. India.

var. *glandulgerum* C.B.Cl. ex Baker in Hook. f., Fl. Brit. India 6: 230. 1892.
N.E. India.

Hedychium hookeri C.B.Cl. ex Baker in Hook. f., Fl. Brit. India 6: 230. 1892.
N.E. India.

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E. Himalaya, N.E. India.

Hedychium luteum Baker in Hook. f., Fl. Brit. India 6: 232. 1892.
N.E. India.

Hedychium marginatum C.B.Cl. in J.Linn. Soc.25: 75, t. 31. 1890; Baker in Hook. f., Fl. Brit. India 6: 226. 1890.
N.E. India.

Hedychium maximum Rosc., Monandr. Pl. t. 52. 1828.

Hedychium coronarium var. *maximum* (Rosc.) Baker in Hook. f., Fl. Brit. India 6: 220. 1890.
Himalaya.

Hedychium pynursulaeanum Jain & Srivastava in J.Indian Bot. Soc. 65: 535, f. 4. 1986.
N.E. India.

Hedychium radiatum A.S. Rao & Hazra in Bull. Bot. Surv. India 16: 163. (1974) 1977. E. Himalaya.

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Hedychium speciosum Wall. in Roxb., Fl. Ind. 1: 13. 1820; Mitra, Fl. Pl. E. India 1: 243. 1958. E. India.

Hedychium spicatum Buch.-Ham. ex J.E. Sm. in Roes, Cyclop. 17: 3. 1811; Baker in Hook. f., Fl. Brit. India 6: 227. 1892.

var. *spicatum*.
Subtropical W. to C. Himalaya.

var. *acuminatum* (Rosc.) Wall. in Hook., Kew J. Bot. 5: 328. 1853; Baker in Hook. f., *l.c.*

Hedychium acuminatum Rosc., Monandr. Pl. t. 47. 1825.
Himalaya, N.E. India.

var. *khasianum* C.B.Cl. ex Baker in Hook. f., Fl. Brit. India 6: 227. 1892.
N.E. India.

var. *trilobum* (Wall. ex Rosc.) Wall. in Hook., J. Bot. 5: 328. 1853; Baker in Hook. f., *l.c.*

Hedychium trilobum Wall. ex Rosc., Monandr. Pl. t. 48. 1825.
C. to E. Himalaya.

Hedychium stenopetalum Lodd., Bot. Cab. t. 1902. 1833; Baker in Hook. f., Fl. Brit. India 6: 231. 1892.
N.E. India.

Hedychium tenuiflorum (Wall. ex Baker) K.Schum. in Engl., Pflanzenr. 20: 51. 1904.

Hedychium villosum Wall. var. *tenuiflorum* Wall. ex Baker in Hook. f., Fl. Brit. India 6: 229. 1892.
N.E. India.

Hedychium thyrsiforme Buch.-Ham. ex J.E. Sm. in Roes, Cyclop. 17. 1811; Baker in Hook. f., Fl. Brit. India 6: 230. 1892.
Tropical Himalaya, E. & N. E. India.

Hedychium venustum Wight, Ic. L2012. 1853; Baker in Hook. f., Fl. Brit. India 6: 226. 1892.
Tamil Nadu (Nilgiri Hills).

Hedychium villosum Wall. in Roxb., Fl. Ind. 1: 12. 1820 & Hook., Kew J. Bot. 5: 329. 1853; Baker in Hook. f., Fl. Brit. India 6: 228. 1892.
N.E. India.

Hedychium wardii C.E.C. Fischer in Kew Bull. 1936: 283. 1936.
N.E. India.

HEMIORCHIS Kurz in J. Asiat. Soc. Beng. 42: 108. 1873.

Hemiorchis pantlingii King in Ann. Roy. Bot. Gard. Calcutta 5: 163. t.198-199. 1896.
C. to E. Himalaya, N.E. India.

Hemiorchis rhodorrhachis K.Schum. in Engl., Pflanzenr. 20: 128. 1904; A.S.Rao & Verma in Bull. Bot. Surv. India 14:119. (1972) 1975.

Hemiorchis burmanica sensu Baker in Bot. Mag. L7120.1890 & in Hook. f., Fl. Brit. India 6: 207. 1890 non Kurz, 1873.
E. Himalaya, N.E. India.

HITCHENIA Wall. in Trans. Med. Soc. Calcutta 7: 215. 1835.

Hitchenia careyana Bth. in Bth. & Hook. f., Gen. Pl. 3: 643. 1883; Baker in Hook. f., Fl. Brit. India 6: 225. 1892.
E. Himalaya, N.E. India.

Hitchenia caullna (Grah.) Baker in Hook. f., Fl. Brit. India 6: 224. 1890.

Curcuma caulina Grah., Cat. Pl. Bombay 210. 1839.
Peninsular India.

HORNSTEDTIA Retz., Obs. Bot. 6: 18. 1791.

Hornstedtia costata (Roxb.) K. Schum. in Engl., Pflanzenr. 20: 198. 1904.

Alpinia costata Roxb., Pl. Cor. L. 252. 1819.

Amomum costatum (Roxb.) Bth. in Bth. & Hook. f., Gen. Pl. 3: 644. 1883; Baker in Hook. f., Fl. Brit. India 6: 235. 1892.
Tropical E. Himalaya.

Hornstedtia fenzlii (Kurz) K.Schum. in Engl., Pflanzenr. 20: 195. 1904.

Amomum fenzlii Kurz in J.Asiat. Soc. Beng. 45: 154, t. 12. 1876; Baker in Hook. f., Fl. Brit. India 6: 234. 1892.
Andaman & Nicobar Islands.

Hornstedtia linguiformis (Schult.) K.Schum.in Engl., Pflanzenr. 20: 196. 1904.

Elettaria linguiformis Schult., Mant. 1:24. 1822.

Amomum linguiforme (Schult.) Baker in Hook. f., Fl. Brit. India 6: 235. 1892.
E. Himalaya, E. & N.E. India.

KAEMPFERIA L., Sp. Pl. 2. 1753.

Kaempferia angustifolia Rosc. in Trans. Linn. Soc. 8: 351. 1807; Baker in Hook. f., Fl. Brit. India 6: 219. 1892.
E. Himalaya, E.India.

Kaempferia evansii Blatt. in J. Proc. Asiat. Soc. Beng.(N.S.) 26: 359. 1931.
S. India.

Kaempferia galanga L., Sp. Pl. 2. 1753; Baker in Hook. f., Fl. Brit. India 6: 219. 1890.

var. *galanga*.
Throughout India.

var. *latifolia* Donn, Hort. Cant. ed. 6: 3. 1811; K.Schum. in Engl., Pflanzenr. 20: 78. 1904.
India (locality?).

Kaempferia involucreta King ex Baker in Hook. f., Fl. Brit. India 6: 221. 1890.
E. Himalaya, N.E. India.

Kaempferia rotunda L., Sp. Pl.3. 1753; Baker in Hook. f., Fl. Brit. India 6: 222. 1890.
Throughout India.

Kaempferia scaposa (Nimmo) Bth. in Bth. & Hook. f., Gen. Pl. 3: 642. 1883; Baker in Hook. f., Fl. Brit.India 6: 224. 1890.

Hedygium scaposum Nimmo in Grah., Cat. Pl. Bombay 205. 1839.
Peninsular India.

Kaempferia alkkunensis King ex Baker in Hook. f., Fl. Brit. India 6: 223. 1890.
E. Himalaya

Kaempferia alphonantha King ex Baker in Hook. f., Fl. Brit. India 6: 222. 1890.
Andaman & Nicobar Islands.

MANTISIA Sims in Bot. Mag. t. 1320. 1810.

Mantisa saltatoria Sims in Bot. Mag. t.1320. 1810; Baker in Hook. f., Fl. Brit. India 6: 200. 1890.

Globba radicalis Roxb. in Asiat. Res.9:359. 1810.

Globba subulata Roxb., Fl. Ind. 1: 81.1820.
E. Himalaya, N.E. India.

Mantisa spathulata (Roxb.) Schult. in R. & S., Mant. 1: 49. 1822; Baker in Hook. f., Fl. Brit. India 6:201. 1890.

Globba spathulata Roxb., Fl. Ind. 1: 83. 1820.
N.E. India, E. Himalaya.

Mantisa wengeri C.E.C. Fischer in Kew Bull. 1931: 283. 1931.
N.E. India.

PARACAUTLEYA R.M. Smith in Notes R. B. G. Edinb. 35: 367. 1977.

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S. India.

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N.E. India.

RHYNCHANTHUS Hook. f. in Curtis Bot. Mag. t. 6861. 1886.

Rhynchanthus longiflorus Hook. f. in Curtis Bot. Mag. t. 6861. 1886; A.S.Rao & Verma in Bull. Bot. Surv.India 14: 140. (1972) 1975.
N.E. India.

ROSCOEIA J.E. Sm., Exot. Bot. 2: 97,t. 108. 1805.

Roscoea alpina Royle, Ill. Bot. Himal. 361, 189. 1839; Baker in Hook. f., Fl. Brit. India 6: 207. 1890.

Roscoea alpina var. *minor* Royle, l.c. t. 89, f. 1 b.

Roscoea longifolia Baker in Hook. f., l.c. 208.
Temperate Himalaya.

Roscoea auriculata K. Schum. in Engl., Pflanzent. 46: 118. 1904; Cowley in Kew Bull. 36: 757. 1982.
E. to C. Himalaya.

Roscoea brandisii (King ex Baker) K. Schum. in Engl., Pflanzent. 46: 119, f. 16 c e. 1904; Cowley in Kew Bull. 36: 761. 1982.

Roscoea purpurea J.E. Sm. var. *brandisii* King ex Baker in Hook. f., Fl. Brit. India 6: 208. 1890.
N.E. India.

Roscoea capitata J.E. Sm. in Trans. Linn. Soc. 13: 461. 1812; Baker in Hook. f., Fl. Brit. India 6: 208. 1890.

Roscoea purpurea J.E. Sm. var. *purpurea* sensu Hara in Hara et al., Enum. Fl. Pl. Nepal 1: 61. 1978.

var. *capitata*.
Nepal.

var. *purpurata* Gagnep. in Bull. Bot. Soc. France 1, 4: 74. 1902.
Nepal.

Roscoea exilis Horan., Monogr. 21. 1862.

Roscoea purpurea J.E. Sm. var. *exilis* (Horan.) Baker in Hook. f., Fl. Brit. India 6: 206. 1890.
N.E. India.

Roscoea nepalensis Cowley in Kew Bull. 34: 811. 1980.
Nepal.

Roscoea purpurea J.E. Sm., Exot. Bot. 2: 97, t. 108. 1804; Baker in Hook. f., Fl. Brit. India 6: 207. 1890; Cowley in Kew Bull. 36: 752. 1982.

Roscoea purpurea var. *auriculata* sensu Hara, Fl. E. Himal. 1: 423. 1966 non *Roscoea auriculata* Schum. 1904.

Roscoea purpurea var. *gigantea* Wall., Pl. Asiat. Rar. 3: 22. 1832; Hara, Fl. E. Himal. 1: 423. 1966.

Roscoea procera Wall., l.c.

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Himalaya, N.W. & N.E. India.

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Nepal; Bhutan.

Roscoea tumjensis Cowley in Kew Bull. 36: 755. 1982.

Roscoea chamaeleon sensu Hara et al., Enum. Fl. Pl. Nepal 1: 61. 1978 non Gagnep. 1901.
Nepal.

Roscoea wardii Cowley in Kew Bull. 36: 768. 1982.
N.E. India.

ZINGIBER Boehm. in Ludwig, Def. Gen. ed. Boehm. 89. 1760 (nom. cons.).

Zingiber capitatum Roxb. in Asiat. Res. 11: 348. 1810 & Fl. Ind. 1: 55. 1820; Baker in Hook. f., Fl. Brit. India 6: 248. 1892.
Himalaya, E. & N.E. India.

Zingiber cernuum Delz. in Hook., Kew J. Bot. 4: 342. 1852; Baker in Hook. f., Fl. Brit. India 6: 245. 1892.

Peninsular India.

Zingiber chrysanthum Rosc., Monandr. Pl. 186. 1828; Baker in Hook. f., Fl. Brit. India 6: 243. 1892.

Tropical Himalaya, N.E. India.

Zingiber clarkii King ex Bth. in Bth. & Hook. f., Gen. Pl. 3: 646. 1883; Baker in Hook. f., Fl. Brit. India 6: 248. 1892.
E. Himalaya.

Zingiber elatum Roxb., Fl. Ind. 1: 57. 1820; Mitra, Fl. Pl. E. India 1: 252. 1958.

Zingiber capitatum Roxb. var. *elatum* Baker in Hook. f., Fl. Brit. India 6: 249. 1892.
E. India.

Zingiber intermedium Baker in Hook. f., Fl. Brit. India 6: 246. 1892.
N.E. India.

Zingiber ligulatum Roxb. in Asiat. Res. 11: 348. 1810 & Fl. Ind. 1: 51. 1820; Baker in Hook. f., Fl. Brit. India 6: 245. 1892.
Coromandel coast.

Zingiber marginatum Roxb. in Asiat. Res. 11: 349. 1810 & Fl. Ind. 1: 57. 1820; Baker in Hook. f., Fl. Brit. India 6: 249. 1892.
N.E. India.

Zingiber neesatum (Grah.) Ramamoorthy in Saldanha & Nicolson, Fl. Hassan Dt. 769. 1976.

Alpinia neesana Grah., Cat. Pl. Bombay 207. 1839.

Zingiber macrostachyum Dalz. in Hook., Kew J. Bot. 4: 342. 1852; Baker in Hook. f., Fl. Brit. India 6: 247. 1892.
Peninsular India.

Zingiber nimmothii (Grah.) Dalz. in Hook., Kew J. Bot. 4: 341. 1852; Baker in Hook. f., Fl. Brit. India 6: 244. 1892.

Alpinia nimmonii Grah., Cat. Pl. Bombay 206. 1839.
Peninsular India.

Zingiber officinale Rosc. in Trans. Linn. Soc. London 8: 348. 1807; Baker in Hook. f., Fl. Brit. India 6: 246. 1892.
Cultivated.

Zingiber purpureum Rosc. in Trans. Linn. Soc. London 8: 348. 1807.

Zingiber cassumunar Roxb. in Asiat. Res. 11: 347, t. 5. 1810; Baker in Hook. f., Fl. Brit. India 6: 248. 1892.
Throughout India except Himalaya.

Zingiber roseum (Roxb.) Rosc. in Trans. Linn. Soc. 8: 348. 1807 & Monandr. Pl. t. 87. 1828; Baker in Hook. f., Fl. Brit. India 6: 244. 1892.

Anomum roseum Roxb., Pl. Cor. t. 126. 1800.
S. to E. India.

Zingiber rubens Roxb. in Asiat. Res. 11: 348. 1810 & Fl. Ind. 1: 53. 1820; Baker in Hook. f., Fl. Brit. India 6: 243. 1892.
E. to N.E. India.

Zingiber spectabile Griff., Nonii. 3: 414. 1853; Giri *et al.* in J. Econ. Tax. Bot. 3: 251. 1982.
E. India.

Zingiber squarrosum Roxb. in Asiat. Res. 11: 348. 1810; Bhargava & N.G. Nair in Bull. Bot. Surv. India 21: 175. (1979) 1981.
Andaman & Nicobar Islands.

Zingiber wightianum Thw., Enum. Pl. Zeyl. 315. 1864; Baker in Hook. f., Fl. Brit. India 6: 244. 1892.
S. India.

Zingiber zerumbet (L.) Rosc. ex J.E. Sm., Exot. Bot. 2: 103, t. 112. 1804; Baker in Hook. f., Fl. Brit. India 6: 247. 1892.

Anomum zerumbet L., Sp. Pl. 1. 1753.
Throughout India.

ADDENDA & CORRIGENDA

AMARYLLIDACEAE

Crinum viviparum (Lam.) R. Ansari & V.J. Nair in J. Econ. Tax. Bot. 11: 205. (1987) 1988.

Amaryllis vivipara Lam., Encycl. 1:123. 1783

Crinum defixum Ker Gawl.

var. *viviparum*.

var. *ensifolium* (Roxb.) R. Ansari & V.J. Nair in J. Econ. Tax. Bot. 11: 205. (1987) 1988.

Crinum ensifolium Roxb.

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Arisaema muricaudatum Sivadasan in Kew Bull. 40: 801, f.1. 1985.
Kerala.

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Kerala.

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AMISCHOPHACELUS Rolla Rao & Kammathy.

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Kammathy.

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var. *hebecarpa*.

Himalaya, N.E. India.

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S., C., E. & N. India.

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var. *longus*.

S. & N.W. India, C. Himalaya.

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Throughout India.

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C. Himalaya.

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C. Himalaya.

Lipocarpus reddyl S.S. Hooper in Kew Bull. 41: 427. 1986.

Andhra Pradesh.

Pycreus dwarkensis (Sahni & Naithani) S.S. Hooper in Kew Bull. 40: 467, f.1. 1985.

Cyperus dwarkensis Sahni & Naithani

Scleria biflora Roxb.; Bhargavan & Rajan in J. Econ. Tax. Bot. 9: 254. 1987.

Throughout India; C. Himalaya.

Scleria rugosa R. Br.; S.M. & M.R. Almeida in J. Bombay Nat. Hist. Soc. 84: 258. 1987.

Peninsular, C., E. & N.E. India, Andaman & Nicobar Islands.

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Maharashtra.

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Kerala.

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Kerala.

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Add under *Drimys indica* (Roxb.) Jessop

Urginea nagarjunae Hemadri & Swahari

Drimys nagarjunae (Hemadri & Swahari) Anandkumar

MARANTACEAE

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S. India, E. Himalaya.

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Saccolabium curvifolium Lindl.

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C. Himalaya.

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Arunachal Pradesh, E. Himalaya.

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Arunachal Pradesh, E. Himalaya.

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Arunachal Pradesh, E. Himalaya.

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E. Himalaya.

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Arunachal Pradesh.

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Kerala.

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Arunachal Pradesh.

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Collabium chinense (Rolfe) Tang & Wang in Fl. Hainan. 4: 217, f. 1101. 1977; Hegde & A.N. Rao in Ind. J. For. 10: 193. 1987.

Nephelaphyllum chinense Rolfe in Kew Bull. 1896: 194. 1896.
Arunachal Pradesh, E. Himalaya.

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Corybas purpureus Joseph & Yog.
N.E. India, E. Himalaya.

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N.E. India, E. Himalaya.

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S. India.

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Liparis indiraii Manilal & Sathishkumar
N.E. Himalaya, S. India.

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Pachystoma hirsuta (Joseph & Vajr.) Sathishkumar & Manilal in Kew Bull. 42: 942. 1987.

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Habenaria juncea King & Pantl.

Platanthera juncea (King & Pantl.) Kranzl.

Platanthera nematocaulon (Hook. f.) Kranzl.
E. & N.E. India, C. to E. Himalaya.

Peristylus superanthus J.J. Wood in Kew Bull. 41: 811, f. 1. 1986.

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E. India, E. to C. Himalaya.

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Saccolabium roseum Lindl.

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Arunachal Pradesh, E. Himalaya.

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Arunachal Pradesh, E. Himalaya.

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Kerala.

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Delhi.

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N.E. India, E. to C. Himalaya.

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Calamagrostis debilis Hook. f.

Agrostis debilis Bor

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Add under *Deyeuxia elatior* (Griseb.) Hook. f.

Calamagrostis elatior (Griseb.) A. Camus in
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Add under *Deyeuxia nivicola* Hook. f.

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Throughout India.

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Temperate Himalaya, Tamilnadu.

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<i>multiflora</i> Lindl.	106	<i>calapparia</i> Scheffer	15
<i>ochracea</i> Hochr.	106	ACTOPLANES K. Schum.	102
<i>papillosa</i> Lindl.	106	<i>canoniformis</i> K. Schum.	102
<i>praemorsa</i> Blatt. & McC.	106	<i>grandis</i> Baker	102
<i>rigida</i> P.F. Hunt	106	<i>ridleyi</i> K. Schum.	102
<i>wightiana</i> Lindl.	106	<i>Adenostylis strateumatica</i> Ames	177
ACANTHOPHIPPIDIUM Bl.	106	<i>Aegilops exaltata</i> L.	240
<i>bicolor</i> Lindl.	106	<i>incurva</i> L.	244
<i>striatum</i> Lindl.	106	<i>muricata</i> Retz.	218
<i>syhetense</i> Lindl.	106	<i>tauschii</i> Coss.	245
<i>Aceras angustifolia</i> Lindl.	146	AELUROPUS Trin.	179
<i>Achasma linguiforme</i> Loesen.	VII	<i>lagopoides</i> Thw. ('lagopodioides')	179
<i>loroglossum</i> K. Larsen	289, VII	<i>villosus</i> C.A. Mey.	179
<i>Acianthus perfoliata</i> D. Don	149	AERIDES Lour.	106
<i>Acisla gigantea</i> Hassk.	30	<i>ampullaceum</i> Roxb.	110
<i>indica</i> Wight	30	<i>appendiculatum</i> Lindl.	119
<i>pentasperma</i> Brueck.	30	<i>crispum</i> Lindl.	106
<i>secundiflora</i> Bakh. f.	30	<i>cylindricum</i> Lindl.	160
<i>sorzogonensis</i> E. Mey.	30	<i>dabzelliana</i> Garay	106
<i>subumbellata</i> Brueck.	30	<i>dasyogon</i> J.E. Sm.	139
ACORUS L.	5	<i>decumbens</i> Griff.	147
<i>calamus</i> L.	5	<i>difformis</i> Lindl.	158
<i>gramineus</i> Soland.	5	<i>emericii</i> Reichb. f.	107
ACRACHNE Chiov.	178	<i>falcata</i> Lindl.	107
<i>henrardiana</i> S.M. Phillips	178	<i>fieldingii</i> B.S. Williams	107
<i>racemosa</i> Ohwi	178	<i>greenii</i> W.W. Sm.	107
<i>Acratherum pumilum</i> A. Rich.	187	<i>lindleyana</i> Wight	106
ACRIOPSIS Bl.	106	<i>lineare</i> Hook. f.	107
<i>harae</i> Tuyama	106	<i>longicornu</i> Hook. f.	160
<i>indica</i> Wight	106	<i>maculosum</i> Lindl.	107

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<i>multiflorus</i> Roxb.	107	<i>birmanicum</i> Hook. f.	5
<i>odoratum</i> Lour.	107	<i>clarkii</i> Hook. f.	5
<i>pallidum</i> Roxb.	118	<i>complanatum</i> Schott	5
<i>paniculata</i> Ker-Gawl.	120	<i>hookerianum</i> Schott	5
<i>radicosum</i> A. Rich.	107	<i>nicobaricum</i> Hook. f.	5
<i>rigida</i> J.E. Smith	106	<i>simplex</i> Bl.	5
<i>ringens</i> C.E.C. Fischer	107	AGROPOGON P. Fourn.	179
<i>rostratum</i> Roxb.	153	<i>x lutosus</i> P. Fourn.	179
<i>suaveolens</i> Roxb.	168	AGROPYRON Gaertn.	179
<i>caeniale</i> Lindl.	147	<i>borianum</i> Melderis	212
<i>testaceum</i> Lindl.	175	<i>canaliculatum</i> Nevski	212
<i>uniflora</i> Summerh.	160	<i>caninum</i> P. Beauv.	212
<i>vandanum</i> Reichb. f.	160	<i>ciliare</i> Franch.	212
<i>viridiflora</i> Thw.	168	<i>cognatum</i> Hack.	253
<i>wightianum</i> Lindl.	175	var. <i>cognatum</i> .	253
<i>Aecheria fusca</i> Lindl.	140	var. <i>shingoense</i> Melderis	253
AGAVACEAE	1	<i>dentatum</i> Hook. f.	212
AGAVE L.	1	var. <i>elatum</i> Hook. f.	212
<i>americana</i> L.	1	var. <i>kashmiricum</i> Melderis	212
var. <i>americana</i> .	1	var. <i>scabrum</i> Nevski	212
var. <i>variegata</i> Hook.	1	<i>diamantum</i> P. Candargy	179
<i>americana</i> Hook. f. non L.	1	<i>duthiei</i> Melderis	213
<i>angustifolia</i> Haw.	1	<i>himalayanum</i> Melderis	212
var. <i>angustifolia</i> .	1	<i>jacquemontii</i> Hook. f.	212
var. <i>marginulata</i> Treli.		<i>longe-aristatum</i> Hook. f. non Boiss.	212
Wiesner	1	<i>macrolepis</i> Hook non Drobov	212
<i>caudata</i> Roxb.	1	<i>microlepis</i> Melderis	213
<i>cookei</i> Woodrow	1	<i>nepalense</i> Melderis	213
<i>deciplens</i> Baker	1	<i>x nothum</i> Melderis	213
<i>foetida</i> L.	4	<i>orientale</i> var. <i>sublanuginosum</i>	
<i>lagens</i> Berger	1	Drobov	219
<i>mexicana</i> Drumm. & Prain	1	<i>repens</i> P. Beauv.	214
<i>sisalana</i> Perrine	1	<i>russellii</i> Melderis	213
<i>vern-cruz</i> Mill.	1	<i>schrenkianum</i> Candargy	213
<i>wightii</i> Drumm. & Prain	1	<i>schugnanicum</i> Nevski	213
<i>Aggeianthus marchantioides</i> Wight	167	<i>semicostatum</i> Boiss.	213
AGLAONEMA Schott	5	var. <i>thomsoni</i> Hook. f.	213

<i>sikkimense</i> Melderis	213	<i>munroana</i> Aitch. & Hemsl.	180
<i>x spurium</i> Melderis	214	ssp. <i>indica</i> Sunanda & Jain	180
<i>stewartii</i> Melderis	253	ssp. <i>munroana</i> .	180
<i>striatum</i> Hook. f.	213	<i>myriantha</i> Hook. f.	180
var. <i>validum</i> Melderis	213	var. <i>khassiana</i> Hook. f.	180
<i>thomsonii</i> Hook. f.	213	var. <i>sikkimensis</i> Hook. f.	180
<i>thoroldianum</i> var. <i>laxiusculum</i>		<i>nagensis</i> Bor	205,IV
Melderis	214	<i>neodebilis</i> Bennet & Raiz.	180,V
<i>ischimganicum</i> Drob.	V	<i>nervosa</i> Trin.	180
<i>Agropyrum distans</i> C. Koch	219	<i>peninsularis</i> Hook. f.	180
AGROSTIS L.	179	<i>pilosula</i> Trin.	180
<i>airoides</i> Torr.	264	f. <i>ciliata</i> Sunanda & Jain	180
<i>alba</i> Hook. f. non L.	180	f. <i>filifolia</i> Sunanda & Jain	180
<i>algida</i> Soland.	247	f. <i>wallichiana</i> Sunanda & Jain	180
<i>arundinacea</i> L.	193	var. <i>alpestris</i> Veldk.	180
<i>brachista</i> Hook. f.	179	var. <i>filifolia</i> Bor	180
<i>canina</i> Hook. f. non L.	181	var. <i>royleana</i> Bor	180
<i>ciliata</i> Trin.	180	var. <i>wallichiana</i> Bor	180
<i>clarkei</i> Hook. f.	180	<i>platyphylla</i> Mez	180
<i>coromandeliana</i> Retz.	264	<i>pleiophylla</i> Mez	181,V
<i>debilis</i> Bor non Poir.	180,V	<i>procera</i> Retz.	219
<i>diantra</i> Retz.	264	<i>royleana</i> Trin.	180
<i>divaricata</i> Griseb. non Hoffman	180	<i>schmidlii</i> C.E.C. Fischer	180
<i>ferulis</i> Steud.	264	<i>semiverticillata</i> Christ.	181
<i>filipes</i> Hook. f.	179	<i>sikkimensis</i> Bor	180
<i>gigantea</i> Roth	180	<i>spicata</i> Vahl	265
<i>griffithiana</i> Bor	179	<i>stewartii</i> Bor	179
<i>himalayana</i> Bor	179	<i>stolonifera</i> L.	180
<i>hirsuta</i> Roshev.	179	var. <i>ramosa</i> Veldk.	180
<i>hookeriana</i> Hook. f.	179	var. <i>stolonifera</i> .	180
<i>inaequiglumis</i> Griseb.	179	<i>subaristata</i> Aitch. & Hemsl.	179
<i>littoralis</i> J.E. Sm.	179	<i>tenella</i> Sibth.	181
<i>lutosa</i> Poir.	179	<i>tremula</i> Willd.	265
<i>matrella</i> L.	274	<i>triaristata</i> Bor	181
<i>maxima</i> Roxb.	269	<i>tungnathii</i> Sunanda & Jain	181
<i>mexicana</i> L.	239	<i>verticillata</i> Vill.	181
<i>micrantha</i> Steud.	179	<i>vinensis</i> Schreb.	181

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<i>virginica</i> L.	265	<i>plantago</i> L.	2
<i>virens</i> Gouan	181	<i>plantago-aquatica</i> L.	2
<i>wallichiana</i> Steud.	180	ssp. <i>orientale</i> Samuel.	2
<i>wardii</i> Bar	181	ssp. <i>plantago-aquatica</i>	2
<i>zenkeri</i> Trin.	181, V	var. <i>orientale</i> Samuel.	2
AGROSTIS L. x POLYPOGON Desf.	179	<i>reniforme</i> D. Don	2
AGROSTOPHYLLUM Bl.	107	<i>reniforme</i> Hook. f. non D. Don	2
<i>brevipes</i> King & Pantl.	107	ALLIUM L.	88
<i>callosum</i> Reichb. f.	107	<i>ampeloprasum</i> L.	89
<i>khasianum</i> Griff.	107	<i>ascalonicum</i> L.	88
<i>myrianthum</i> King & Pantl.	107	<i>atropurpureum</i> Waldst. & Kit.	88
AIRA L.	181	<i>atrosanguineum</i> Schrenk	88
<i>altaica</i> Trin.	218	<i>auriculatum</i> Kunth	88
<i>aquatica</i> L.	195	<i>bakeri</i> Regel	88
<i>caespitosa</i> L.	205	<i>blandum</i> Wall.	88
<i>caryophyllea</i> L.	181	<i>caesioides</i> Wendtbo	88
<i>cristata</i> L.	254	<i>carolinianum</i> DC.	88
<i>flexuosa</i> L.	205	<i>cepa</i> L.	88
<i>indica</i> L.	256	<i>chinense</i> G. Don	88
<i>macrantha</i> Ledeb.	234	<i>chitralicum</i> Wang & Tang	88
<i>spicata</i> L.	272	<i>clarkii</i> Hook. f.	90
<i>viatica</i> Griff.	181	<i>consanguineum</i> Kunth	88
<i>Alectoridia quariniana</i> A. Rich.	184	<i>fasciculatum</i> Rendle	88
ALETRIS L.	88	<i>fedtschenkianum</i> Regel	89
<i>alpestris</i> var. <i>occidentalis</i> Hara	88	<i>gageanum</i> W.W. Sm.	88
<i>gracilis</i> Rendle	88	<i>gibbaticum</i> Wang & Tang	89
<i>khasiana</i> Hook. f.	88	<i>gowanianum</i> Baker	89
<i>nepalensis</i> Hook. f.	88	<i>griffithianum</i> Boiss.	89
<i>pauciflora</i> Hand.-Mazz.	88	<i>hookeri</i> Thw.	89
<i>sikkimensis</i> Hook. f.	88	<i>humile</i> Kunth	89
ALISMATACEAE	2	<i>hypsistum</i> Stearn	89
ALISMA L.	2	<i>jacquemontii</i> Kunth	89
<i>flava</i> L.	2	<i>jacquemontii</i> Regel non Kunth	89
<i>gramineum</i> Lej	2	<i>kachrooi</i> Singh	89
<i>lancoletum</i> With.	2	<i>llacinum</i> Regel non Klotz.	89
<i>oligococcum</i> F.v. Muell.	2	<i>loratum</i> Baker	89
<i>parnassifolium</i> L.	2	<i>macranthum</i> Baker	89

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<i>adatum</i> Hook. f. non L.	90	<i>fallax</i> Schott	5
<i>areoprasum</i> Schrenk	89	<i>foenicula</i> Schott	5
<i>platyspathum</i> Schrenk	89	<i>indica</i> Spach.	5
var. <i>falcata</i> Regel	89	<i>macrorrhiza</i> G. Don	5
var. <i>platyspathum</i>	89	<i>montana</i> Schott	5
<i>porrum</i> L.	89	<i>navicularis</i> Koch & Bouche	6
<i>prattii</i> C.H. Wright	89	<i>odora</i> Koch & Bouche	6
<i>przewalskianum</i> Regel	89	ALOPECURUS L.	181
<i>rhabdotum</i> Stearn	89	<i>aequalis</i> Schol.	181
<i>roylei</i> Stearn	89	<i>agrestis</i> L.	182
<i>rubellum</i> M. Bieb. var. <i>grandiflora</i>		<i>aristulatus</i> Michx.	181
Boiss.	89	<i>arundinaceus</i> Poir.	182
var. <i>parviflora</i> Ledeb.	89	<i>geniculatus</i> L.	182
<i>rubellum</i> Hook. f. non M. Bieb.	89	<i>himalaicus</i> Hook. f.	182
<i>sativum</i> L.	89	<i>monspeliensis</i> L.	251
<i>schoenoprasum</i> L.	89	<i>myosuroides</i> Huds.	182
<i>schrenki</i> Regel	89	<i>nepalensis</i> Steud.	182
<i>senonovii</i> Hook. f. non Regel	89	<i>typhoides</i> Burm. f.	245
<i>alkimense</i> Baker	90	ALPINIA Roxb.	289
<i>stoliczkae</i> Regel	89	<i>abundiflora</i> Burt & R.M. Smith	289
<i>stracheyi</i> Baker	88	<i>alluhas</i> Rosc.	290
<i>thomsoni</i> Baker	88	<i>aquatica</i> Rosc.	289
<i>tuberosum</i> Spr.	90	<i>bracteata</i> Roxb.	289
<i>victoriae</i> L.	90	<i>calcarata</i> Rosc.	289
var. <i>angustifolia</i> Hook. f.	89	<i>conchigera</i> Griff.	289
<i>wallichii</i> Kunth	90	<i>costata</i> Roxb.	296
<i>Allopythion hookeri</i> Schott	14	<i>galanga</i> Swartz	289
ALLOTEROPSIS C.B. Presl	181	<i>kingii</i> Baker	289
<i>rimkina</i> Stapf	181	<i>linguiforme</i> Roxb.	VII
<i>semilata</i> Hitchc.	181	<i>malacensis</i> Rosc.	289
var. <i>eckloniana</i> Bor	181	<i>manii</i> Baker	289
var. <i>semilata</i> .	181	<i>mutica</i> Roxb.	VII
var. <i>vintica</i> Ellis & Karthik.	181	<i>netzana</i> Grah.	299
ALOCASIA G. Don	5	<i>nigra</i> Burt	289
<i>acuminata</i> Schott	5	<i>nimmoni</i> Grah.	299
<i>oculata</i> Schott	5	AMARYLLIDACEAE	31
<i>decipiens</i> Schott	5	<i>Amaryllis vivipara</i> Lam.	1

<i>Amblyachyrum mangaloreense</i> Hochst.	183	<i>auriculatum</i> Bedd.	290
<i>Ambrosia ciliata</i> Roxb.	10	<i>pauciflorum</i> Baker	290
<i>Ambrosinia retrospiralis</i> Roxb.	10	<i>pterocarpum</i> Thw.	290
AMISCHOPHACELUS Rolla Rao & Kammathy	23, I	<i>roseum</i> Roxb.	299
<i>axillaris</i> Rolla Rao & Kammathy	23, I	<i>sericeum</i> Roxb.	290
<i>cucullata</i> Rolla Rao & Kammathy	23, I	<i>subulatum</i> Roxb.	290
AMISCHOTOLYPE Hassk.	23	<i>zedoaria</i> Christm.	293
<i>hookeri</i> Hara	23	<i>zerumbet</i> L.	299
<i>mollissima</i> Hassk.	23	AMORPHOPHALLUS Decne.	6
var. <i>glabrata</i> Rolla Rao	24	<i>blumei</i> Schott	6
var. <i>marginata</i> Rolla Rao	23	<i>bulbifer</i> Bl.	6
<i>tenuis</i> Rolla Rao	24	var. <i>atroviridi-maculatus</i> Engl.	6
AMTOSTIGMA Schltr.	107	var. <i>bulbifer</i> .	6
<i>puberulum</i> Schltr.	107	var. <i>tuberculiger</i> Engl.	6
AMOMUM Roxb.	290	<i>campanulatus</i> non Decne.	6
<i>aculeatum</i> Roxb.	290	var. <i>blumei</i> Prain	6
<i>aromaticum</i> Roxb.	290	<i>carosus</i> Engl.	6
<i>cannaecarpum</i> Bth.	290	<i>comutatus</i> Engl.	6
<i>cardamomum</i> L.	293	<i>dubius</i> Bl.	6
<i>compactum</i> Maton	290	<i>hohenackeri</i> Engl. & Gehrm.	6
<i>corynostachyum</i> Wall.	290	<i>longistylus</i> Hook. f.	6
<i>costatum</i> Bth.	296	<i>mysorensis</i> Barnes & C.E.C. Fischer	6
<i>dealbatum</i> Roxb.	290	<i>ancophyllus</i> Hook. f.	6
var. <i>sericeum</i> Baker	290	<i>paconifolius</i> Nicolson	6
<i>fenzlii</i> Kurz	297	var. <i>campanulatus</i> Sivadasan	6
<i>fulviceps</i> Thw.	290	var. <i>paconifolius</i> .	6
<i>ghaticum</i> Bhat	VII	<i>rex</i> Prain ex Hook. f.	6
<i>habbesii</i> K. Schum.	290	<i>sylvaticus</i> Kunth	6
<i>hypoleucum</i> Thw.	290	<i>tuberculiger</i> Engl.	6
<i>involucratum</i> C.E.C. Fischer non (Thw.) Trim.	289	<i>Amphitaphis concanensis</i> Blatt. & McC.	188
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<i>maximum</i> Roxb.	290	<i>kuntzeana</i> Haines	189
<i>microstephanum</i> Baker	290	<i>pertusa</i> Stapf	189
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ANAPHYLLEUM Schott	6	<i>contortus</i> L.	226
<i>beddomii</i> Engl.	7	<i>controversus</i> Steud.	260
<i>wightii</i> Schott	7	<i>cotulifer</i> Thunb. (' <i>A. cotuliferum</i> ')	263
ANDROCORYS Schltr.	107	<i>courtallumensis</i> Steud.	183
<i>gracilis</i> Schltr.	107	<i>crinitus</i> Thunb.	251
ANDROPOGON L.	182	<i>cymbarius</i> L.	228
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<i>ex</i> Hack.	257	<i>distans</i> Steud.	201
<i>aciculatus</i> Retz.	197	<i>dulce</i> Burm. f.	49
<i>amazonus</i> Ruess	220	<i>ensiformis</i> Hook. f.	188
<i>annulatus</i> Forsk.	205	<i>exilis</i> Hochst.	257
<i>apricus</i> Hook. f. non Trin.	182	<i>fascicularis</i> Roxb.	253
<i>aristatus</i> Prorr.	206	<i>fistiginus</i> Swartz	206
<i>armatus</i> Hook. f.	206	<i>filiculmis</i> Hook. f.	194
<i>arundinaceus</i> Willd. non Berg.	259	<i>filipendulus</i> Hook. f. non Hochst.	228
<i>asclmodis</i> C.B. Cl.	182	<i>fleuosus</i> Steud.	201
<i>asper</i> Hook. f.	197	<i>foulkesii</i> Hook. f.	189
<i>assimilis</i> Steud.	194	<i>foveolatus</i> Del.	218
<i>aucherii</i> Boiss.	197	<i>gangeticus</i> Hack.	253
<i>australis</i> Spr. ssp. <i>leiocladus</i> Hack.	262	guyanus Kunth	182
<i>bellariensis</i> Hack.	243	<i>gidarha</i> Hook. f.	201
<i>binatus</i> Retz.	221	<i>glaber</i> Roxb.	188
<i>bladhii</i> Retz.	188	<i>glaucopsis</i> Steud.	194
<i>bootanensis</i> Hook. f.	257	<i>grahamii</i> Haines	206
<i>brevifolius</i> Swartz	257	<i>gryllus</i> L.	197
<i>caesius</i> Hook. & Arn.	201	<i>hackellii</i> Hook. f.	198
<i>caricosus</i> L.	206	<i>halpensis</i> Brot.	261
var. <i>mollicomus</i> (Kunth) Hack.	206	ssp. <i>siamensis</i> Piper	262
<i>castratus</i> Griff.	184	<i>hallii</i> Hack.	182
<i>caucasicus</i> Trin.	188	<i>hamiltonii</i> Hook. f.	198
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<i>commutatus</i> Steud.	201	<i>hookeri</i> Hack.	182
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<i>concanensis</i> Hook. f.	188	<i>impressus</i> Hack.	257
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var. <i>nilagiricus</i> Hack.	202	var. <i>martinii</i> Hook. f.	202
var. <i>stracheyi</i> Hook. f.	202	var. <i>versicolor</i> Hack.	202
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<i>sorghum</i> esp. <i>sativus</i>		var. <i>usaramense</i> Buesc & Pilger	260
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var. <i>globosum</i> Hack.	260	<i>squarrosum</i> L.f.	273
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var. <i>multiformis</i> Hack.	262	<i>vidensatum</i> Roxb.	236
<i>sorghum</i> esp. <i>sativus</i>		<i>vispicanum</i> Schult.	221
var. <i>obovatum</i> Hack.	261	<i>vispiz</i> Hack.	182
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var. <i>irungiformis</i> subvar. <i>rubidus</i>	263	<i>crocea</i> Griff.	27
var. <i>irungiformis</i> subvar. <i>sulphureus</i>	263	<i>dimorphum</i> Dalz.	28
var. <i>irungu</i> Benson & Subbarao	261	<i>divergens</i> C.B.Cl.	28
var. <i>mediocris</i> Benson & Subbarao	261	<i>esculentum</i> C.B. Cl.	28
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var. <i>mediocris</i> subvar. <i>ruber</i> Benson & Subbarao	263	<i>glanduliferum</i> Joseph & Rolla Rao	31
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		<i>hamiltonianum</i> C.B. Cl.	24
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<i>var. raizadae</i> Welzen	185	<i>cuspidatum</i> Roxb.	7
<i>var. villosus</i> Welzen	185	<i>echinata</i> Wall.	7
<i>lanceifolius</i> Hochst.	185	<i>erubescens</i> Wall.	7
<i>var. hindustanicus</i> Jain & Deshpande	185	<i>esculentum</i> L.	10
<i>meeboldii</i> Stapf	185	<i>flagelliforme</i> Lodd.	15
<i>micans</i> Hochst.	184	<i>flavum</i> Forssk.	8
<i>microphyllus</i> Hochst.	186	<i>fornicanum</i> Roxb.	5
<i>var. hindustanicus</i> S.M. & M.R. Almeida	185	<i>fornicanum</i> Wight non Roxb. nec Wight	5
<i>microphyllus</i> Hook. f. non Hochst.	185	<i>gracile</i> Roxb.	15
<i>nidulus</i> Bor	185	<i>guttatum</i> Wall. non Salisb.	13
<i>nudus</i> Hochst.	184	<i>jacquemontii</i> Bl.	10
<i>prionodes</i> Dandy	185	<i>macrorrhizon</i> L.	5
<i>purandharensis</i> Bharucha	185	<i>margaritifera</i> Roxb.	12
<i>quarintianus</i> Nash	185	<i>minimum</i> Willd.	14
<i>raizadae</i> Jain et al.	185	<i>montanum</i> Roxb.	5
<i>rudis</i> Hochst.	184	<i>murrayi</i> Grah.	8
		<i>nepenthoides</i> Wall.	8

<i>odorum</i> Roxb.	6	<i>spathiflora</i> Trin.	282
<i>ovatum</i> L.	11	<i>suberecta</i> Munro	277
<i>pedatum</i> Willd.	13	<i>walkeriana</i> Munro	283
<i>speciosum</i> Wall.	9	<i>wightiana</i> Nees	283
<i>spirale</i> Retz.	10	var. <i>hispida</i> Gamble	283
<i>sylvaticum</i> Roxb.	6	ARUNDINELJA Raddi	186
<i>toruosum</i> Wall.	9	<i>agrostoides</i> Hook. f.	186
<i>trilobatum</i> L.	15	var. <i>ciliata</i> Hook. f.	186
<i>venosum</i> W. Ait.	13	<i>avenacea</i> Thw.	233
<i>viviparum</i> Roxb. ('viviparium')	12	<i>bengalensis</i> Druce	186
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<i>bambusifolia</i> Lindl.	110	<i>cannanoria</i> V.J. Nair <i>et al.</i>	186
<i>chinensis</i> Bl.	110	<i>capillaris</i> Hook. f.	187
<i>graminifolia</i> Hochr.	110	<i>ciliata</i> Miq.	186
<i>Arundinaria aristata</i> Gamble	282	<i>clarkii</i> Hook. f.	186
<i>armata</i> Gamble	275	<i>decempedalis</i> Jan.	186
<i>callosa</i> Munro	275	<i>decomposita</i> Jan.	186
<i>clarkii</i> Brandis	279	<i>fuscata</i> Hook. f.	187
<i>densifolia</i> Munro	282	<i>gigantea</i> Dalz.	186
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<i>hispida</i> Steud.	283	<i>lawsoni</i> Hook. f.	186
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<i>mannii</i> Gamble	279	<i>pumila</i> Steud.	187
<i>microphylla</i> Munro	283	<i>purpurea</i> Steud.	187
<i>panlingii</i> Gamble	283	var. <i>laxa</i> Bor	187
<i>polystachya</i> Gamble	277	var. <i>purpurea</i> .	187
<i>prainii</i> Gamble	279	<i>pygmaea</i> Hook. f.	186
<i>racemosa</i> Munro	283	<i>setosa</i> Trin.	187
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var. <i>malagritana</i> Subbaco		<i>capitatus</i> Baker	90
& Kunati	187	<i>curtilobus</i> Buch.-Ham.	90
var. <i>setosa</i>	187	<i>densiflorus</i> Jessop	90
<i>splenda</i> Dalz.	187	<i>dumosus</i> Baker	90
<i>tenella</i> Steud.	187	<i>filiformis</i> Buch.-Ham.	90
<i>tuberculata</i> Lisboa	187	var. <i>breviflorus</i> Baker	90
<i>vaginata</i> Bor	187	var. <i>brevifolia</i> Baker	90
<i>villosa</i> Steud.	187	var. <i>filiformis</i>	90
var. <i>hryuzi</i> Hook. f.	187	var. <i>hyeopodineus</i> Baker	90
var. <i>himalaica</i> Hook. f.	186	var. <i>microclada</i> Hook. f.	90
<i>wallichii</i> Steud.	186	<i>fysoni</i> MacBride	90
ARUNDO L.	187	<i>gonoclados</i> Baker	90
<i>australis</i> Cav.	247	<i>gracilis</i> Baker non Salisb.	90
<i>donax</i> L.	187	<i>griffithii</i> Baker	90
<i>epigejos</i> L.	194	<i>jacquemontii</i> Baker	91
<i>karka</i> Retz.	247	<i>javanica</i> Kunth	91
<i>litorea</i> Schrad.	194	<i>laevissimus</i> Baker	90
<i>madagascariensis</i> Kunth	239	<i>neglectus</i> Kar. & Kir.	90
<i>pseudophragmites</i> Hall. f.	194	<i>nepalensis</i> Baker	90
<i>reynaudiana</i> Kunth	239	<i>penicillatus</i> Hara	91
<i>selloana</i> Schult.	200	<i>plumosus</i> Baker	91
<i>sylvatica</i> Schrad.	193	<i>racemosus</i> Willd.	91
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<i>anpollaceum</i> Schltr.	110	var. <i>racemosus</i>	91
var. <i>supranticum</i> U.C. Pradhan	110	var. <i>subaerosa</i> Baker	91
<i>rarefolium</i> Schltr.	11	<i>rotleri</i> Baker	91
<i>micranthum</i> Hott.	170	<i>royleanus</i> Daniel	90
ASCOPHOLIS C.E.C. Fischer	32	<i>rubricaulis</i> Baker	91
<i>gamblei</i> C.E.C. Fischer	32	<i>setaceus</i> Jessop	91
<i>Asparagopsis densiflora</i> Kunth	90	<i>sprengeri</i> Regel	90
<i>rubricaulis</i> Kunth	91	<i>subulatus</i> Baker non Thunb.	90
<i>setacea</i> Kunth	91	<i>Asperella duthiei</i> Hook. f.	229
ASPARAGUS L.	90	ASPHODELUS L.	91
<i>acerosus</i> Roxb.	90	<i>comosus</i> Baker	91
<i>ascendens</i> Roxb.	90	<i>fistulosus</i> L.	91
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<i>longifolia</i> Hook. f.	91	<i>parvula</i> Desf.	254
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var. <i>roylei</i> Hook. f.	226	<i>semilatus</i> Hook. f.	181
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<i>nudans</i> Munro	275	<i>Jaliliana</i> Hegde & A.N. Rao	110
<i>pallida</i> Munro	275	<i>Bleia bicallata</i> D. Don	136
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<i>galeandra</i> Summerh.	110	<i>himalensis</i> Stapf	192
<i>halleri</i> Summerh.	110	var. <i>grandis</i> Stapf	193
<i>lantha</i> Summerh.	110	<i>hercynicus</i> L.	192
<i>obcordata</i> Summerh.	111	<i>inermis</i> Leyss.	193
<i>splendida</i> Summerh.	111	var. <i>confinis</i> Stapf	192
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var. <i>khazianum</i> Hook. f.	192	<i>oxyodon</i> Schreck	193
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<i>acutiflorum</i> A. Rich.	111	<i>dyerianum</i> Seid.	115
<i>affine</i> Lindl.	111	<i>ebullum</i> King & Pantl.	112
<i>albicum</i> Hook. f.	111	<i>elassonotum</i> Sumnerb.	112
<i>alopecurum</i> Reichb. f.	116	<i>elatum</i> J.J. Sm.	112
<i>ambrosia</i> csp. <i>nepalensis</i> J.J. Wood	II	<i>elegantulum</i> J.J. Sm.	112
<i>asplifolium</i> Balakr. & Chowdhuri	111	<i>emarginatum</i> J.J. Sm.	116
<i>andertonii</i> J.J. Sm.	111	<i>epblepharum</i> Reichb. f.	112
<i>aurum</i> J.J. Sm.	111	<i>fimbriatum</i> Reichb. f.	112
<i>beccari</i> Hook. f.	171	<i>fischeri</i> Seid.	112
<i>blastum</i> Lindl.	111	<i>fusco-purpureum</i> Wight	112
<i>bisetum</i> Hook. f. <i>p.p.</i> non Lindl.	112	<i>gambelii</i> Hook. f.	112
<i>blepharistes</i> Reichb. f.	111	<i>gracillipes</i> King & Pantl.	116
<i>bootanense</i> Par. & Reichb. f.	111	<i>griffithii</i> Reichb. f.	113
<i>brachypodium</i> A.S. Rao & Balakr.	116	<i>guttulatum</i> Hook. f.	113
var. <i>geel</i> A.S. Rao & Balakr.	116	<i>gymanopus</i> Hook. f.	113
var. <i>parviflorum</i> A.S. Rao & Balakr.	116	<i>hastatum</i> Tang & Wang	II
<i>brevipes</i> Ridl.	116	<i>helemae</i> J.J. Sm.	113
<i>candidum</i> Hook. f.	171	<i>hirtum</i> Lindl.	113
<i>capillipes</i> Par. & Reichb. f.	111	<i>hookeri</i> J.J. Sm.	113
<i>careyanus</i> Spr.	111	<i>hymenanthum</i> Hook. f.	113
<i>cariniflorum</i> Reichb. f.	112	<i>iversi</i> Reichb. f.	113
<i>caudatum</i> Lindl.	112	<i>kabense</i> Reichb. f.	113
<i>cauliflorum</i> Hook. f.	112	<i>khastianum</i> Griff.	113
<i>cirrhatum</i> Hook. f.	171	<i>kingii</i> Hook. f.	113
		<i>leopardinum</i> Lindl.	113

var. <i>leopardinum</i> .	113	<i>patidum</i> J.J. Sm.	114
var. <i>tuberculatum</i> Balakr. & Chowdhury	113	<i>raui</i> C.M. Arora	114
<i>lepidium</i> J.J. Sm.	113	<i>repens</i> Griff.	114
<i>leptanthum</i> Hook. f.	113	<i>repens</i> Lindl.	115
var. <i>gambelii</i> Hook. f.	112	var. <i>acuta</i> Malhotra & Balodi	115
<i>llaenium</i> Ridl.	113	var. <i>repens</i> .	115
<i>llatarl</i> King & Pantl.	113	var. <i>subracemosa</i> Hook. f.	115
<i>lobbii</i> Lindl.	113	<i>retusigradum</i> Reichb. f.	115
<i>macraei</i> Reichb. f.	II	<i>rigidum</i> King & Pantl.	115
<i>macranthum</i> Lindl.	113	<i>rolfei</i> Seid.	115
<i>maritii</i> Reichb. f.	112	<i>rotschildianum</i> J.J. Sm.	115
<i>micranthum</i> Hook. f.	116	<i>roundatum</i> Reichb. f.	132
<i>mishnense</i> Hook. f.	171	<i>renburghii</i> Reichb. f.	115
<i>moniliforme</i> Par. & Reichb. f.	114	<i>sarcophyllum</i> J.J. Sm.	115
<i>mystecium</i> J.J. Sm.	114	<i>scabratum</i> Reichb. f.	115
<i>nelgherrense</i> Wight	114	<i>serotinum</i> Hook. f.	115
<i>nodosum</i> J.J. Sm.	114	<i>sessile</i> J.J. Sm.	115
<i>obovatum</i> Rolfe	114	<i>sikkimensis</i> J.J. Sm.	115
<i>odovatifolium</i> Lindl.	114	<i>spatulatum</i> Seid.	115
var. <i>odovatifolium</i> .	114	<i>spectabile</i> Rolfe	114
var. <i>racemosa</i> Balakr.	114	<i>stritatum</i> Reichb. f.	115
<i>ornatissimum</i> J.J. Sm.	114	<i>thomsoni</i> Hook. f.	112, 115
<i>otoglossum</i> Tuyama	114	<i>tiagi</i> Chauban	112
<i>palencium</i> Hook. f.	172	<i>tremulum</i> Wight	116
<i>panigrahiatum</i> S. Miers	114	<i>tricornis</i> Seid. & Smit.	116
<i>parryae</i> Parry	114	<i>trista</i> Reichb. f.	116
<i>parviflorum</i> Par. & Reichb. f.	II	<i>umbellatum</i> Lindl. non Lindl.	113
<i>parvum</i> J.J. Sm. non Lindl.	115	<i>umbellatum</i> Lindl.	116
<i>pectinatum</i> Finet	114	var. <i>fuscaceum</i> Sarker	116
<i>penicillium</i> Par. & Reichb. f.	114	var. <i>umbellatum</i> .	116
<i>picturatum</i> Reichb. f.	114	<i>uniflorum</i> Griff. non Haak.	112
<i>pluliferum</i> King & Pantl.	114	<i>virens</i> Hook. f.	172
<i>polytrichum</i> Lindl.	114	<i>viridiflorum</i> Schltr.	116
<i>protractum</i> Hook. f.	114	<i>wallichii</i> Reichb. f.	116
<i>prondlockii</i> J.J. Sm.	114	<i>wightii</i> Reichb. f.	112
<i>pulchrum</i> J.J. Sm.	II	<i>xylophyllum</i> Par. & Reichb. f.	116
		<i>yokumense</i> J.J. Sm.	116

var. <i>gael</i> Bennet	116	CALADIUM Vent.	10
var. <i>parviflorum</i> Bennet	116	<i>bicolor</i> Vent.	10
var. <i>yokohamense</i> .-	116	<i>nymphaeifolium</i> Vent.	10
BULBOSTYLIS Kunth	33	<i>pendulum</i> Bl.	11
<i>barbata</i> C.B. Cl.	33	<i>parviflorum</i> D. Don	11
var. <i>barbata</i>	33	<i>viviparum</i> Lodd.	12
var. <i>pulchella</i> C.B. Cl.	33	CALAMAGROSTIS Adans.	193
<i>capillaris</i> var. <i>trifida</i> C.B. Cl.	33	<i>arundinacea</i> Roth	193
<i>densa</i> Hand. - Mazz.	33	<i>borii</i> Tzvelev	V
<i>puberula</i> C.B. Cl.	33	<i>debilis</i> Hook. f.	180, V
var. <i>gracilis</i> C.E.C. Fischer	33	<i>decora</i> Hook. f.	193
var. <i>puberula</i>	33	<i>elatior</i> A. Camus	V
<i>subspinescens</i> C.B. Cl.	33	<i>enobensis</i> Griseb.	194
<i>swamyi</i> Govind.	33	<i>epigejos</i> Roth	194
<i>trifida</i> Neimes	33	<i>filiformis</i> Griseb.	194
BULLEYIA Schltr.	116	<i>garhwalensis</i> C.E. Hubb. & Bor	194
<i>yunnanensis</i> Schltr.	116	<i>griffithiana</i> Hook. f.	179
BURMANNIA L.	22	<i>holciformis</i> Jaub. & Spach	194
<i>candida</i> Hook. f.	22	<i>jacquemontii</i> Hook. f.	180
<i>championii</i> Thw.	22	<i>lahulensis</i> G. Singh	205
<i>coelestis</i> D. Don	22	<i>litorea</i> P. Beauv.	194
<i>disticha</i> L.	22	var. <i>tartarica</i> Hook. f.	194
var. <i>sumatrana</i> Hook. f.	22	<i>murroana</i> Boiss.	180
<i>indica</i> Jonker	22	var. <i>stricta</i> Hook. f.	180
<i>nepalensis</i> Hook. f.	22	<i>nagarum</i> G. Singh	205
<i>pusilla</i> Thw.	22	<i>nagonda</i> Uniyal	IV
<i>stricta</i> Jonker	22	<i>nivicola</i> Hand.- Mazz.	V
<i>wallichii</i> Hook. f.	22	<i>pilosula</i> Hook. f.	180
BURMANNIACEAE	22	var. <i>alpestris</i> Hook. f.	180
BUTOMACEAE	22	var. <i>ciliata</i> Hook. f.	180
BUTOMOPSIS Kunth	22	var. <i>scabra</i> Hook. f.	180
<i>lancoolata</i> Kunth	22	var. <i>wallichiana</i> Hook. f.	180
<i>latifolia</i> Kunth	22	<i>pseudophragmites</i> Koen.	194
BUTOMUS L.	22	ssp. <i>pseudophragmites</i> .	194
<i>lancoolatus</i> Roxb.	22	ssp. <i>tartarica</i> Tzvelev	194
<i>latifolius</i> D. Don	22	var. <i>tartarica</i> Bor	194
<i>umbellatus</i> L.	22	<i>pulchella</i> Griseb.	205

<i>rosea</i> Hack.	V	<i>gracilis</i> Roxb.	17
<i>seabrevens</i> Griseb.	194	<i>gracilis</i> Griff. <i>p.p.</i> non Roxb.	18
var. <i>elazior</i> Griseb.	205	<i>gambelii</i> Buch.-Ham.	17
<i>schmidii</i> Hook. f.	180	<i>helfferianus</i> Kurz	17
<i>simlensis</i> G. Singh	205	<i>hookerianus</i> Becc.	17
<i>staintonii</i> G. Singh	205	<i>hoegellanus</i> Mart.	17
<i>stolitzkai</i> Hook. f.	194	<i>humilis</i> Roxb.	17
<i>tibetica</i> G. Singh	205	<i>inermis</i> T. And.	17
<i>tripitifera</i> Hook. f.	180	<i>jenssonianus</i> Griff.	19
<i>Calamosagus wallichiae</i> folius Wendl.	19	<i>khasianus</i> Becc.	17
CALAMUS L.	16	<i>kingianus</i> Becc.	17
<i>acanthospathus</i> Griff.	16	<i>latifolia</i> Kurz non Roxb.	18
<i>andamanicus</i> Kurz	16	<i>latifolius</i> Becc. & Hook. f.	
var. <i>andamanicus</i> ,	16	non Roxb.	17
var. <i>nicobariensis</i> Becc.	16	<i>latifolius</i> Roxb.	17
<i>borneensis</i> Becc. non Mig.	17	var. <i>latifolius</i> ,	17
<i>brandisii</i> Becc. & Hook. f.	16	var. <i>marmoratus</i> Becc.	17
<i>collinus</i> Griff.	16,21	<i>leptospedix</i> Griff.	17
<i>delessertianus</i> Becc.	16	<i>longisetus</i> Griff.	17
<i>dilaceratus</i> Becc.	16	<i>macrocarpum</i> Griff.	16
<i>draasfieldii</i> Renuka	1	<i>mastersianus</i> Griff.	17
<i>erectus</i> Becc. & Hook. f.		<i>metzianus</i> Schlecht.	17
<i>p.p.</i> non Roxb.	17	<i>mishmensis</i> Griff.	17
<i>erectus</i> Roxb.	16	<i>montanus</i> T. And.	16
var. <i>collina</i> Becc. & Hook. f.	16	<i>naghattai</i> Fernandez & Dey	18
var. <i>erectus</i> ,	16	<i>nambhariensis</i> Becc.	18
var. <i>macrocarpa</i> Becc.	16	<i>nicobariensis</i> Becc. & Hook. f.	18
var. <i>schizospathus</i> Becc.	17	<i>palustris</i> Griff.	18
<i>fasciculatus</i> Roxb.	18	<i>polygamus</i> Roxb.	17
<i>flagellum</i> Griff.	17	<i>pseudo-rivalls</i> Becc.	18
<i>floribundus</i> Griff.	17	<i>pseudo-tenalis</i> Becc. & Hook. f.	18
var. <i>depauperatus</i> Becc.	17	<i>quinque-nervis</i> Roxb.	18
var. <i>floribundus</i> ,	17	<i>rhaedei</i> Griff.	18
<i>gambelii</i> Becc. & Hook. f.	17	<i>rotang</i> L.	18
var. <i>gambelii</i> ,	17	<i>roxburghii</i> Griff.	18
var. <i>sphaerocarpus</i> Becc.		<i>roylettianus</i> Griff.	18
& Hook. f.	17	<i>schizospathus</i> Griff.	17

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<i>tenuis</i> Roxb. (<i>tenuilar</i>)	18	<i>var. musuca.</i>	117
<i>thwaitesii</i> Becc. & Hook. f.	18	<i>var. purpurea</i> A.S. Rao &	
<i>var. canaricus</i> Becc.	18	Rathore	117
<i>travancoricus</i> Becc. & Hook. f.	18	<i>odora</i> Griff.	117
<i>unifarius</i> Wendl.	18	<i>pachystalla</i> Hook. f.	117
<i>var. pentang</i> Becc. & Hook. f.	18	<i>perrotii</i> A. Rich.	117
<i>var. unifarius</i>	18	<i>plantaginea</i> Lindl.	117
<i>viridialis</i> Willd. <i>var. fasciculatus</i>		<i>puberula</i> Lindl.	117
Becc. & Hook. f.	18	<i>purpurea</i> Lindl.	117
<i>subvar. andamanicus</i> Becc.	18	<i>tricarinata</i> Lindl.	117
<i>subvar. bangalensis</i> Becc.	18	<i>triplicata</i> Ames	117
<i>subvar. fasciculatus</i>	18	<i>trulliformis</i> King & Pantl.	117
<i>wightii</i> Griff.	17	<i>uncata</i> Lindl.	117
CALANTHE R. Br.	116	<i>vaginata</i> Lindl.	118
<i>alissanefolia</i> Lindl.	116	<i>veratrifolia</i> Ker-Gawl.	117
<i>alpina</i> Lindl.	116	<i>viridifusca</i> Hook.	173
<i>angusta</i> Lindl.	116	<i>whiteana</i> King & Pantl.	118
<i>anthropophora</i> Ridl.	116	CALDESIA Parl.	2
<i>biloba</i> Lindl.	117	<i>grandis</i> Samuel.	2
<i>var. biloba.</i>	117	<i>oligoseeca</i> Buch.	2
<i>var. diptera</i> Hook. f.	117	<i>var. echinata</i> Hartog	2
<i>var. treutleri</i> Hook. f.	117	<i>var. oligoseeca.</i>	2
<i>brevicornis</i> Lindl.	117	<i>parvatifolia</i> Parl.	2
<i>var. brevicornis.</i>	117	<i>reniformis</i> Makino	2
<i>var. wittii</i> Hook. f.	117	<i>Calla aethiopica</i> L.	15
<i>chloroleuca</i> Lindl.	117	<i>aromatica</i> Roxb.	11
<i>clavata</i> Lindl.	117	<i>rubescens</i> Roxb.	11
<i>densiflora</i> Lindl.	117	<i>virosa</i> Roxb.	10
<i>elyroglassa</i> Hook. f.	117	CAMAROTIS Lindl.	118
<i>fulgens</i> Lindl.	117	<i>mannii</i> King & Pantl.	118
<i>gracilis</i> Lindl.	117	<i>obesa</i> Lindl.	153
<i>griffithii</i> Lindl.	117	<i>palida</i> Lindl.	118
<i>herbacea</i> Lindl.	117	<i>purpurea</i> Lindl.	153
<i>longipes</i> Hook. f.	163	<i>Campelia hispida</i> Less. & A. Rich.	23
<i>mannii</i> Hook. f.	117	<i>marginata</i> Bl.	23
<i>massena</i> Lindl.	117	<i>mollissima</i> Bl.	23
<i>var. fulgens</i> Hook. f.	117	CAMPYLANDRA Baker	91

<i>aurantinea</i> Baker	91	var. <i>erostata</i> Boott	33
<i>watti</i> C.B. Cl.	102	var. <i>gracilentia</i> C.B.Cl.	36
CANNA L.	22	<i>alsia</i> Raymond	33
<i>chloensis</i> Willd.	23	<i>alta</i> Boott	33
<i>flaccida</i> Rosc.	23	<i>aristata</i> Tilloch & Taylor	33
<i>indica</i> L.	23	<i>asraoi</i> D.M. Verma	34
var. <i>flava</i> Rosc.	23	<i>atrata</i> C.B. Cl. non L.	39
var. <i>indica</i>	23	<i>atrata</i> L.	34
var. <i>nepalensis</i> Baker	23	asp. <i>pullata</i> Kuekenh.	34
var. <i>orientalis</i> Baker	23	var. <i>atrata</i>	34
var. <i>speciosa</i> Baker	23	var. <i>glacialis</i> Boott	34
<i>nepalensis</i> Bouche	23	var. <i>pullata</i> Boott	34
<i>orientalis</i> Rosc.	23	<i>atrocarfar</i> T. Koyama	34
<i>speciosa</i> Sims	23	<i>atrofusa</i> Schkuhr.	34
CANNACEAE	22	var. <i>angustifructus</i> Kuekenh.	34
CAPILLIPEDIUM Stapf	194	asp. <i>atrofusa</i>	34
<i>acuminata</i> A. Camus	194	asp. <i>minor</i> T. Koyama	34
<i>filicinne</i> Stapf	194	<i>baccans</i> Nees	34
<i>glaucoptis</i> Stapf	194	var. <i>baccans</i>	34
<i>huogeli</i> Stapf	194	var. <i>siccifructus</i> C.B. Cl.	34
<i>magdalenae</i> Almeida	195	<i>bellardii</i> All.	58
<i>negense</i> Bor	195	<i>bhutanica</i> T. Koyama	34
<i>parviflora</i> Stapf	195	<i>bigelowii</i> Schweinjtz.	34
<i>plantagidicellatum</i> Bor	195	<i>borii</i> Nemes	34
<i>pteropachys</i> Stapf	195	f. <i>borii</i>	34
<i>venustum</i> Bor	226	f. <i>latea</i> R.R. Stewart	34
CARDIOCRINUM Lindl.	91	<i>breviculmis</i> R. Br.	34
<i>giganteum</i> Makino	91	<i>breviculmis</i> C.B. Cl. non R. Br.	41
CAREX L.	33	<i>brownii</i> Tuckerm.	34
<i>acutiformis</i> Ehrh.	33	<i>brunnea</i> Thunb.	34
<i>alopeturoides</i> Tilloch & Taylor	33	<i>brunnea</i> C.B. Cl. non Thunb.	38
<i>alpina</i> Sw.	33	<i>caesecens</i> L.	34
asp. <i>infusata</i> var. <i>erostata</i>		var. <i>caesecens</i>	34
Kuekenh.	33	var. <i>maxima</i> Kuekenh.	34
asp. <i>infusata</i> var. <i>gracilentia</i>		<i>capillacea</i> Boott	34
Kuekenh.	37	<i>cardiopsis</i> Nees	34
var. <i>alpina</i>	33	<i>caricina</i> Ghildyal & Bhattacharyya	34

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<i>var. carlesii</i>	35	<i>dispalata</i> nsp. <i>laciflorens</i>	
<i>var. glauca</i> Ghildyal & Bhattacharyya	35	T. Koyama	36
<i>var. leptocarpus</i> Ghildyal & Bhattacharyya	35	<i>distracta</i> C.B.Cl.	36
<i>var. microgyna</i> Karthik.	35	<i>divisa</i> Huds.	36
<i>var. minor</i> Ghildyal & Bhattacharyya	35	<i>dandana</i> Spr.	36
<i>cercostachys</i> Franc.	58	<i>duhiei</i> C.B.Cl.	34
<i>cernua</i> Boott	36	<i>var. glauca</i> C.B.Cl.	34
<i>chlorostachys</i> D. Don non Steven	36	<i>acostata</i> C.B.Cl.	36
<i>christii</i> Boeck.	35	<i>eleusisoides</i> Kunth	36
<i>composita</i> Boott	35	<i>eminens</i> Nees	39
<i>f. composita.</i>	35	<i>erectata</i> C.B.Cl.	40
<i>f. simplicior</i> Kuekenh.	35	<i>fastigiata</i> Franch.	36
<i>condensata</i> Nees	35	<i>fedii</i> Nees	36
<i>conflua</i> C.B.Cl.	35	<i>ferruginea</i> C.B.Cl. non Scop.	35
<i>cooptanda</i> C.B.Cl.	38	<i>filicina</i> Nees	35
<i>costallensis</i> Boott	42	<i>var. glaucina</i> Kuekenh.	35
<i>cruciata</i> Wahlenb.	35	<i>var. leptocarpus</i> Kuekenh.	35
<i>var. argocarpus</i> C.B.Cl.	35	<i>var. meiogyna</i> Strachey	35
<i>var. cruciata</i>	35	<i>var. microgyna</i> C.B.Cl.	35
<i>var. angaporensis</i> C.B.Cl.	35	<i>var. minor</i> Boott	35
<i>cruenta</i> Nees	35	<i>fluitans</i> Boott	36
<i>cryptostachys</i> Brongn.		<i>var. attenuata</i> C.B.Cl.	36
(<i>cyrtostachys</i>)	35	<i>flava</i> C.B.Cl. non L.	42
<i>curlica</i> Kunth	35	<i>filiosa</i> Tilloch & Taylor	43
<i>curta</i> Gooden.	35	<i>fragilis</i> Boott	36
<i>curticeps</i> C.B.Cl.	58	<i>fucata</i> C.B.Cl.	36
<i>curvata</i> Boott	58	<i>fucifroctus</i> C.B.Cl.	36
<i>daltonii</i> Boott	35	<i>fuciformis</i> Nees	36
<i>decora</i> Boott	36	<i>gibbii</i> Nelmes	36
<i>desponsa</i> Boott	36	<i>glauca</i> var. <i>brachylepis</i> Regel	40
<i>diantra</i> Schrank	36	<i>glaucina</i> Boeck.	35
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<i>ghatica</i> Naik	198	<i>elata</i> Lindl.	123
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<i>brevifolia</i> Lindl.	122	<i>lagenaria</i> Lindl.	165
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<i>occultata</i> Hook. f.	122	<i>dactyloides</i> L.	271
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<i>odoratissima</i> Lindl.	122	var. <i>gigantea</i> Hook. f.	199
var. <i>angustifolia</i> Lindl.	122	var. <i>lacryma-jobi</i> .	199
var. <i>odoratissima</i> .	122	var. <i>ma-yuen</i> Hook. f.	199
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var. <i>latifolia</i> Hook. f.	122	<i>ma-yuen</i> Romanet	199
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f. <i>punctulata</i> .	122	<i>antiquorum</i> Schott	10
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<i>rigida</i> Per. & Reichb. f.	123	<i>fallax</i> Schott	10
<i>rossiana</i> Reichb. f.	123	<i>mannii</i> Hook. f.	10
<i>schukardii</i> Jain & Das	123	<i>navicularis</i> Koch & Bouche	6
<i>stricta</i> Schltr.	123	<i>nymphaeifolium</i> Kunth	10
<i>surveolens</i> Hook. f.	123	<i>virasa</i> Kunth	10
<i>thailandica</i> Seid.	123	COLPODIUM Trin.	200
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<i>treutleri</i> Hook. f.	123	<i>leucolepis</i> Nevski	243
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<i>albescens</i> Hassk.	24	var. <i>mathewii</i> C.B.Cl.	25
<i>alisagarensis</i> Kumar & Deodkar	25	var. <i>viscida</i> C.B.Cl.	25
<i>appendiculata</i> C.B.Cl.	24	<i>palustris</i> Hassk.	25
<i>attenuata</i> Vahl	24	<i>paludosa</i> Bl.	25
<i>avenaeifolia</i> Griseb.	24	var. <i>mathewii</i> Rolla Rao	
<i>austriaca</i> L.	23	& Kammathy	25
<i>benghalensis</i> L.	24	var. <i>viscida</i> Rolla Rao &	
<i>clavata</i> C.B.Cl.	24	Kammathy	25
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var. <i>hohenackeri</i>	24	<i>salicifolia</i> Roxb.	25
<i>coelestis</i> Willd.	26	<i>scaberrima</i> Bl.	31
<i>communis</i> Datz. & Gibs.	25	<i>scapiflora</i> Roxb.	28
<i>conspicua</i> Bl.	24	<i>secundiflora</i> Bl.	30
<i>diffusa</i> Burm. f.	24	<i>sikkimensis</i> C.B.Cl.	25
<i>edulis</i> Stokes	28	<i>simplex</i> Vahl	29
<i>elata</i> Vahl	28	<i>spirata</i> L.	30
<i>ensifolia</i> R. Br.	25	<i>subulata</i> Roth	26
<i>erecta</i> L.	25	<i>suffruticosa</i> Bl.	26
<i>forsskalaei</i> Vahl	25	<i>tricolor</i> Barnes	26
<i>gigantea</i> Vahl	28	<i>uberosa</i> L.	26
<i>glabra</i> C.B.Cl. non Mey.	26	<i>undulata</i> R. Br.	25
<i>hasskarlii</i> C.B.Cl.	25	var. <i>setosa</i> C.B.Cl.	25
<i>heterosperma</i> Blatt. & Halib.	25	<i>vaginata</i> L.	30
<i>hirtuta</i> C.B.Cl.	25	<i>wightii</i> Rolla Rao	26
<i>imberbis</i> Hassk.	25	COMMELINACEAE	23,1
<i>indehiscens</i> Barnes	25	<i>Compsa maculata</i> D. Don	101
<i>jacobii</i> C.E.C. Fischer	25	<i>Conchidium filiforme</i> Rauschert	134
<i>japonica</i> Thunb.	28	<i>jerdonianum</i> Rauschert	129
<i>kotschyi</i> Hassk.	25	<i>microchilon</i> Rauschert	134
<i>karzi</i> C.B.Cl.	25	<i>musciicola</i> Rauschert	135
var. <i>glochidea</i> Hook. f.	25	<i>pusillum</i> Griff.	135
<i>longifolia</i> Lam.	25	<i>Conophallus commutans</i> Schott	6

<i>tuberculiger</i> Schott	6	COTTONIA Wight	123
<i>Corvallisaria cirrhifolia</i> Wall.	100	<i>championii</i> Lindl.	132
<i>multiflora</i> L.	100	<i>macrostachya</i> Wight	123
<i>oppositifolia</i> Wall.	100	<i>peduncularis</i> Reichb. f.	123
<i>vericillata</i> L.	100	COURTOISIA Nees non Marchand	57
CORALLORRHIZA Gagnebin	123	<i>cyperoides</i> Nees	57
<i>anandae</i> Malhotra & Balodi	123	CREMASTRA Lindl.	123
<i>foliosa</i> Lindl.	158	<i>appendiculata</i> Makino	124
<i>indica</i> Lindl.	158	<i>wallichiana</i> Lindl.	124
<i>innata</i> R. Br.	123	CRINUM L.	3
<i>erfida</i> Chatelain	123	<i>amoenum</i> Ker-Gawl.	3
<i>Cordyla discolor</i> Bl.	155	<i>asiaticum</i> L.	3
CORDYLINE A.L. Juss.	92	<i>asiaticum</i> Roxb. non L.	3
<i>terminalis</i> Kunth	92	var. <i>asiaticum</i> .	3
CORTADERIA Stapf	200	var. <i>procera</i> Baker	3
<i>seloana</i> Aschers. & Graebn.	200	<i>brachyneura</i> Herb.	3
CORYBAS Salisb.	123	<i>defixum</i> Ker-Gawl.	3,1
<i>himalaicus</i> Schitr.	123,III	var. <i>ensifolium</i> Baker	3,1
<i>purpureus</i> Joseph & Yog.	123,III	<i>eleonora</i> Blatt. & McC.	3
CORYMBIS Du Petit-Thouars	123	f. <i>eleonora</i> .	3
<i>veratrifolia</i> Bl.	123	f. <i>purpurea</i> Blatt. & McC.	3
CORYMBORHIZA Du Petit-Thouars	123	<i>ensifolium</i> Roxb.	3,1
<i>veratrifolia</i> Bl.	123	<i>humilis</i> Herb.	3
CORYPHA L.	19	<i>latifolium</i> L.	3
<i>careyana</i> Becc.	I	var. <i>latifolium</i> .	3
<i>elata</i> Roxb.	19	var. <i>seylanica</i> Herb.	3
<i>macropoda</i> Kurz	19	<i>pratense</i> Herb.	3
<i>martiana</i> Becc.	I	<i>procera</i> Herb.	3
<i>talliera</i> Roxb. (' <i>talliera</i> ')	19,I	<i>pusillum</i> Herb.	3
<i>umbrocolifera</i> L.	19	<i>stracheyi</i> Baker	3
<i>otua</i> Lam.	19	<i>viviparum</i> R. Ansari & V.J. Nair	I
<i>Corysanthes himalaica</i> King & Pantl.	123	var. <i>ensifolium</i> R. Ansari	
COSTUS L.	291	& V.J. Nair	1
<i>lacerus</i> Gagn.	291	var. <i>viviparum</i> .	1
<i>nipalensis</i> Rose.	291	<i>wittii</i> Baker	3
<i>speciosus</i> J.E. Sm.	291	<i>woodrowii</i> Baker	4
var. <i>nipalensis</i> Baker	291	<i>zeylanicum</i> L.	3

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CRITESION Rafin.	200	<i>capitata</i> O. Ktze.	82
<i>bogdanii</i> A. Love	200	<i>crassifolia</i> Hook. f.	82
<i>brevissubulatum</i> A. Love ssp.		<i>finlaysonianae</i> Hook. f.	83
<i>terkestanicum</i> A. Love	200	<i>gracilla</i> Hook. f.	82
<i>glaucum</i> A. Love	200	<i>graminifolia</i> Nimmo	82
<i>nurlatum</i> A. Love	200	<i>latifolia</i> Dryand.	83
ssp. <i>leporinum</i> A. Love	200	<i>malabarica</i> Wight	82
ssp. <i>nurlanum</i>	200	<i>oligantha</i> Bennett & Raiz.	82
CRITHIDIUM Link	200	<i>orchioides</i> Gaertn.	82
<i>monococcum</i> A. Love	200	<i>praeliana</i> Bennett & Raiz.	82
CROCUS L.	83	<i>trichocarpa</i> Bennett & Raiz.	83
<i>sativus</i> L.	83	CURCUMA L.	291
CRYPISIS Ait.	200	<i>amada</i> Roxb.	292
<i>schoenoides</i> Lam.	200	<i>amarissima</i> Rosc.	292
CRYPTOCHILUS Wall.	124	<i>angustifolia</i> Roxb.	292
<i>lutea</i> Lindl.	124	<i>angustifolia</i> Dalz. & Gibs.	
<i>meirax</i> Par. & Reichb. f.	167	<i>non</i> Roxb.	292
<i>sanguineus</i> Wall.	124	<i>aromatica</i> Salisb.	292
CRYPTOCORYNE Wydler	10	<i>caesia</i> Roxb.	292
<i>ciliata</i> Wydler	10	<i>cannanorensis</i> R. Ansari <i>et al.</i>	292
<i>cognata</i> Schott	10	var. <i>lutea</i> R. Ansari <i>et al.</i>	292
<i>cognatoides</i> Blatt. & McC.	10	<i>caulina</i> Grah.	296
<i>consobrina</i> Schott	10	<i>decipiens</i> Dalz.	292
<i>dalzellii</i> Schott	10	<i>scalcarata</i> Sivarajan & Indu	292
<i>gomezii</i> Schott	10	<i>ferruginea</i> Roxb.	292
<i>huegelii</i> Schott	10	<i>inodora</i> Blatt.	292
<i>meeboldii</i> Engl.	10	<i>karzli</i> Baker	292
<i>retrospiralis</i> Kunth	10	<i>latifolia</i> Rosc.	292
<i>rauburghii</i> Schott	10	<i>leucorrhiza</i> Roxb.	292
<i>spiralis</i> Wydler	10	<i>longa</i> L.	292
<i>toruosa</i> Blatt. & McC.	10	<i>mangga</i> Val. & Van Zijp.	292
<i>unilocularis</i> Wight	10	<i>montana</i> Roxb.	292
<i>wightii</i> Schott	11	<i>montana</i> Baker <i>p.p.</i> non Rosc.	292
CRYPTOSTYLIS R. Br.	124	<i>oilgharrensia</i> Wight	292
<i>arschmittii</i> Haussk.	124	<i>oilgantha</i> Trim.	292
CURCULIGO Gaertn.	82	var. <i>lutea</i> K.G. Bhat	292
<i>brevifolia</i> Dryand.	82	var. <i>oilgantha</i> .	292

<i>petiolata</i> Roxb.	292	<i>papilionacea</i> C.B.Cl. <i>p.p.</i>	
<i>pseudo-montana</i> Grah.	292	<i>non</i> R. & S.	26
<i>purpurea</i> Blatt.	292	<i>papilionacea</i> R. & S.	26
<i>ramadel</i> Prain	292	var. <i>burmanniana</i> C.B.Cl.	26
<i>reclinata</i> Roxb.	292	var. <i>papilionacea</i> .	26
<i>rotunda</i> L.	290	var. <i>vaginata</i> C.E.C. Fischer	26
<i>rubescens</i> Roxb.	293	<i>pilosa</i> Schult. f.	26
<i>subrata</i> Haines	293	<i>sahyadrica</i> Blatt.	26
<i>vamana</i> Sabu & Mangaly	VII	<i>sarmentosus</i> Wight	27
<i>redonata</i> Rose.	293	<i>stocksii</i> Hassk.	26
<i>zerumbet</i> Roxb.	293	<i>thwaitesii</i> Hassk.	27
CURCUMORPHA A.S.Rao & Verma	293	<i>tuberosa</i> J.A. & J.H. Schult.	27
<i>longiflorum</i> A.S.Rao & Verma	293	var. <i>adscendens</i> C.B.Cl.	27
CYANOTIS D. Don	26	var. <i>tuberosa</i> .	27
<i>adscendens</i> Dalz.	27	<i>vaga</i> J.A. & J.H. Schult.	27
<i>arachnoidea</i> C.B.Cl.	26	<i>vaginata</i> Wight	26
<i>arachnoidea</i> Hook. f. <i>p.p.</i>		<i>villosa</i> J.A. & J.H. Schult.	27
<i>non</i> C.B.Cl.	26	<i>vivipara</i> Dalz.	24
var. <i>thwaitesii</i> Rolla Rao &		<i>wightii</i> C.B.Cl.	27
Kammathy	27	CYATHOPUS Stapf	200
<i>arctotensis</i> Rolla Rao	26	<i>sikkimensis</i> Stapf	200
<i>axillaris</i> D. Don	23	<i>Cyathorrhachis wallichiana</i> Steud.	252
<i>barbata</i> D. Don	27	<i>Cylindrolobus biflorus</i> Rauschert	133
<i>burmanniana</i> Wight	26	<i>clavicaulis</i> Rauschert	134
<i>cerifolia</i> Rolla Rao & Kammathy	26	CYMBIDIUM Swartz	124
<i>concomensis</i> Hassk.	26	<i>aloifolium</i> Swartz	124
<i>cristata</i> D. Don	26	<i>appendiculatum</i> D. Don	124
<i>cucullata</i> Kunth	23	<i>bicolor</i> Lindl.	124
<i>epiphytica</i> Blatt.	24	<i>bituberculatum</i> Hook.	148
<i>fasciculata</i> J.A. & J.H. Schult.	26	<i>cochleare</i> Lindl.	124
var. <i>fasciculata</i> .	26	<i>cyperifolium</i> Lindl.	124
var. <i>glabrescens</i> C.B.Cl.	26	<i>dayanum</i> Reichb. f.	124
var. <i>thwaitesii</i> C.B.Cl.	27	<i>devonianum</i> Paxt.	124
<i>karlana</i> Hassk.	26	<i>eburneum</i> Lindl.	124
<i>kevensis</i> C.B.Cl.	24	var. <i>dayana</i> Hook. f.	124
<i>nilagirica</i> Hassk.	26	<i>elegans</i> Lindl.	124
<i>obtusata</i> Trim.	26	<i>ensifolium</i> Swartz	124

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<i>var. ensifolium.</i>	124	<i>coloratus</i> Stapf	201
<i>var. haematodes</i> Trim.	125	<i>commutatus</i> Stapf	201
<i>erectum</i> Wight	124	<i>confertiflorus</i> Stapf	202
<i>erythraeum</i> Lindl.	125	<i>var. iraninensis</i> A. Camus	203
<i>gamaleanum</i> King & Pantl.	125	<i>distans</i> Wats.	201
<i>giganteum</i> Lindl. non Swartz	125	<i>var. mundensis</i> B.K. Gupta	203
<i>var. lowiana</i> Reichb. f.	125	<i>exsertus</i> A. Camus	201
<i>grandiflorum</i> Griff. non Swartz	125	<i>flexuosus</i> Wats.	201
<i>haematodes</i> Lindl.	125	<i>var. coimbatorensis</i> B.K. Gupta	203
<i>hookerianum</i> Reichb. f.	125	<i>var. flexuosus.</i>	201
<i>imbricatum</i> Roxb.	164	<i>var. microstachys</i> Bor	202
<i>intermedium</i> Jones	124	<i>var. sikkimensis</i> Bor	201
<i>iridoides</i> D. Don	125	<i>girdiba</i> Haines	201
<i>isoides</i> D. Don	170	<i>hookeri</i> Bor	182
<i>lanceifolium</i> Hook.	125	<i>jwaruncusa</i> Schull.	201
<i>longifolium</i> D. Don	125	<i>ssp. jwaruncusa.</i>	201
<i>lowianum</i> Reichb. f.	125	<i>ssp. olivieri</i> Soenarko	201
<i>mackinsonii</i> Duthie	125	<i>var. assamensis</i> B.K. Gupta	203
<i>macrorhizon</i> Lindl.	125	<i>khesianus</i> Bor	202
<i>mastersii</i> Lindl.	125	<i>var. nagensis</i> Bor	203
<i>munronianum</i> King & Pantl.	124	<i>ladakhensis</i> B.K. Gupta	202
<i>nudum</i> D. Don	122	<i>martinii</i> Wats.	202
<i>nudum</i> Roxb. non D. Don	122	<i>var. sofia</i> B.K. Gupta	202
<i>ovatum</i> Willd.	129	<i>microstachys</i> Soenarko	202
<i>pendulum</i> Swartz	124	<i>mikrotheca</i> A. Camus	202
<i>pubescens</i> Lindl.	124	<i>mosia</i> B.K. Gupta	202
<i>sikkimense</i> Hook. f.	125	<i>nardus</i> Rendle	202
<i>simonsianum</i> King & Pantl.	124	<i>var. confertiflorus</i> Bor	202
<i>stimulus</i> Rolfe	125	<i>var. nardus.</i>	202
<i>strictum</i> D. Don	123	<i>olivieri</i> Bor	201
<i>teretifolium</i> Wight	151	<i>osmastonii</i> Parker	202
<i>tigrinum</i> Hook.	125	<i>parkeri</i> Stapf	201
<i>triste</i> Wight	151	<i>var. jammuensis</i> B.K. Gupta	203
<i>whitense</i> King & Pantl.	125	<i>pendulus</i> Wats.	202
CYMBOPOGON Spr.	200	<i>polysperus</i> Stapf	202
<i>caesius</i> Stapf	200	<i>posplachilli</i> C.E. Hubb.	202
<i>citrus</i> Stapf	201	<i>ramnagarensis</i> B.K. Gupta	203

<i>schoenanthus</i> Bor non Spr.	201	<i>elegans</i> Bl.	124
<i>szechwei</i> Ratz. & Jain	202	<i>longifolia</i> Sehtz.	125
<i>transinhensis</i> Soenarko	202	<i>mattersii</i> Hth.	125
<i>mvancorensis</i> Bor	201	CYPERUS L.	43
<i>winteranus</i> Iowitt	203	<i>aethiops</i> var. <i>circinatus</i> Kuckenth.	43
CYMODOCEA Koen.	31	<i>albomarginatus</i> Nees	65
<i>australis</i> Trim.	31	<i>alopecuroides</i> Rottb.	57
<i>ciliata</i> Aschers.	32	<i>alternifolius</i> ssp. <i>flabelliformis</i>	
<i>isotifolia</i> Aschers.	32	Kuckenth.	45
<i>rotundata</i> Aschers. & Schweinf.	31	<i>shulatus</i> Kern	43
<i>serrulata</i> Aschers. & Magn.	31	<i>asabilis</i> Vahl	43,1
CYMODOCEACEAE	31	<i>arenarius</i> Retz.	43
CYNODON L.C. Rich.	203	<i>aristatus</i> Rottb.	64
<i>aethiopicus</i> W.D.Clayton & Harlan	IV	<i>aromaticus</i> Mantf. & Kuckenth.	43,1
<i>arcuatus</i> C.B. Presl	203	<i>articulatus</i> L.	43
<i>barberi</i> Rang. & Tad.	203	<i>atklasoel</i> C.B.Cl.	43
<i>f. barberi</i> .	203	<i>atroglymosa</i> Govind.	43
<i>f. longifolius</i> Jain	203	<i>auricomus</i> var. <i>khasianus</i> C.B.Cl.	44
<i>dactylon</i> Pers.	203	<i>babakan</i> Steud. ('babakensis')	43
var. <i>intermedius</i> C.E.C.Fischer	203	<i>bengalensis</i> C. Spr.	44
<i>intermedius</i> Rang. & Tad.	203	<i>hifax</i> C.B.Cl.	43
<i>neesii</i> Thw.	235	<i>brevifolius</i> Hassk.	60
<i>plectostachyus</i> Pilger	203	var. <i>stellulatus</i> Vajek. -Sur.	60
<i>sermatus</i> A. Rich.	209	<i>balbosus</i> Vahl	44
CYNOSURUS L.	203	<i>capillaris</i> Roxb.	65
<i>aegyptius</i> L.	204	<i>caricinus</i> D. Don	34
<i>aureus</i> L.	234	<i>castaneus</i> Willd.	44
<i>coracanus</i> L.	212	<i>cephalotes</i> Vahl	32
<i>cristatus</i> L.	203	<i>circinatus</i> Ridl.	43
<i>durus</i> L.	257	<i>clarkei</i> T. Cooke	62
<i>echinatus</i> L.	203	<i>compactus</i> Retz.	62
<i>indicus</i> L.	212	<i>compressus</i> L.	44
<i>lagopoides</i> Burm. f.	199	var. <i>pectiniformis</i> C.B.Cl.	44
<i>monostachyus</i> Vahl	215	<i>conglomeratus</i> Rottb.	44
<i>retroflexus</i> Vahl	210	var. <i>pachyrhizus</i> Hook. f.	46
CYPERACEAE	32,1	ssp. <i>pachyrhizus</i> T. Koyama	46
<i>Cyperorchis cochlear</i> Bth.	124	<i>coronarius</i> Kunth	73

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<i>eorymbosus</i> Rottb.	44	var. <i>macronux</i> C.B.Cl.	46
var. <i>eorymbosus</i>	44	<i>eleusinoides</i> Kunth	46
var. <i>longispiculatus</i> Kuekenh.	44	var. <i>subprotius</i> Kuekenh.	46
var. <i>pangorei</i> C.B.Cl.	46	<i>enodis</i> var. <i>longispiculatus</i> O. Ktze.	44
<i>curvibracteatus</i> Govind.	44	<i>evagroris</i> var. <i>cyrtostachys</i> Miq.	66
<i>cuspidatus</i> Kunth	44	var. <i>micronux</i> C.B.Cl.	66
<i>cyperinus</i> Vahl. -Sur.	62	<i>esculentus</i> L.	45
var. <i>bengalensis</i> Kuekenh.	62	<i>exaltatus</i> Retz.	45
var. <i>maximus</i> Kuekenh.	63	var. <i>dives</i> C.B.Cl.	45
var. <i>pictus</i> Kuekenh.	63	var. <i>exaltatus</i> .	45
<i>cyperoides</i> O. Ktze.	64	<i>ferrelianus</i> Steud.	46
var. <i>evolutor</i> Kuekenh.	64	<i>ferax</i> L.C. Rich.	63
var. <i>khasiana</i> Kuekenh.	64	<i>ferrugineus</i> Poir. non L.	65
var. <i>subcompositus</i> Kuekenh.	64	<i>flabelliformis</i> Rottb.	45
<i>decumbens</i> Govind.	44	<i>flavescens</i> L.	65
<i>diaphanus</i> R. & S.	64	<i>flavicomus</i> Michx.	65
var. <i>gracilescens</i> Saxena	64	<i>flavidus</i> Retz.	65
var. <i>latespicatus</i> Kern	64	var. <i>erectus</i> Korla.	65
<i>difformis</i> L.	44	var. <i>khasianus</i> Korla.	65
var. <i>breviglobosus</i> Kuekenh.	44	var. <i>nilagiricus</i> Korla.	65
var. <i>difformis</i> .	44	var. <i>strictus</i> Korla.	65
<i>diffusus</i> Vahl	45	<i>flavidus</i> C.B.Cl. non Retz.	48
ssp. <i>macrostachyus</i> T. Koyama	46	<i>fucosus</i> L.	45
var. <i>macrostachyus</i> Boeck.	46	<i>globosus</i> All.	65
<i>digitatus</i> Roxb.	44	var. <i>erectus</i> Kuekenh.	65
var. <i>digitatus</i>	44	var. <i>khasianus</i> C.B.Cl.	65
var. <i>hookeri</i> C.B.Cl.	44	<i>glomeratus</i> L.	45
var. <i>khasianus</i> Kern	44	<i>halpan</i> L. ('haspan')	45
<i>dilatatus</i> Vahl	62	ssp. <i>halpan</i> .	45
<i>dilativalis</i> R. & S.	57	ssp. <i>juncoides</i> Kuekenh.	45
<i>distans</i> L. f.	44	<i>halperi</i> Boeck.	45
var. <i>distans</i>	44	<i>hookeri</i> Boeck.	44,63
var. <i>pseudonutans</i> Kuekenh.	44	<i>hookerianus</i> Aen.	63
<i>dives</i> Del.	45	<i>hyalinus</i> Vahl	67
<i>dubius</i> Rottb.	63	<i>imbricatus</i> Retz.	45
<i>dwarkensis</i> Sahni & Naithani	45,31	<i>inundatus</i> Roxb.	57
<i>elatus</i> L.	45	<i>irla</i> L.	45

<i>var. paniciformis</i> C.B.Cl.	45	<i>michelianus</i> ssp. <i>pygmaeus</i>	
<i>var. parviflorus</i> Miq.	45	Aschers. & Gruebner.	58
<i>var. rectangularis</i> Kuekenh.	43	<i>mitis</i> Steud.	46
<i>ischnos</i> Schlecht.	63	<i>monostachyos</i> L.	54
<i>javanicus</i> Houtt.	63	<i>monti</i> L. f. <i>var. stylosa</i> C.B.Cl.	58
<i>panicoides</i> Lam.	45	<i>multiplicatus</i> Boeck.	46
<i>kamphoeveneri</i> Boeck.	45	<i>nitidus</i> Steud.	65
<i>kankanensis</i> T. Cooke	63	<i>nitens</i> Retz.	66
<i>kurzii</i> C.B.Cl.	45	<i>nitens</i> Retz.	46
<i>kyllingia</i> Endl.	61	<i>nutans</i> C.B.Cl. non Vahl	45
<i>laevigatus</i> L.	57	<i>nutans</i> Vahl	46
<i>lutespicatus</i> Boeck.	64	ssp. <i>eleusinoides</i> T. Koyama	46
<i>var. acaulis</i> C.B.Cl.	64	<i>var. eleusinoides</i> Haines	46
<i>var. graciliscens</i> Kuekenh.	64	<i>var. nutans</i> .	46
<i>latovaginatus</i> Govind.	45	<i>var. subprolixus</i> Karthik.	46
<i>laxus</i> Lam.	45	<i>obliquus</i> Nees	47
<i>var. laxus</i> .	45	<i>odoratus</i> L.	63,65
<i>var. macrostachyus</i> Karthik.	46	<i>ohwil</i> Kuekenh.	46
<i>leucocephalus</i> Retz.	73	<i>pachyrrhizus</i> Boeck.	46
<i>leucocephalus</i> Nees non Retz.	73	<i>pangorei</i> Rottb.	46
<i>longus</i> L.	46,1	<i>var. ambigua</i> Karthik.	47
<i>var. longus</i> .	46,1	<i>var. pangorei</i>	46
<i>var. pallidus</i> Boeck.	46	<i>panicus</i> Boeck.	63
<i>lurida</i> Govind.	46	<i>var. razburghianus</i> Kuekenh.	64
<i>maer</i> C.B.Cl.	46	<i>paniciformis</i> Pranch. & Sav.	45
<i>macrostachyos</i> Lam.	65	<i>papyrus</i> L.	47
<i>maderaspatanus</i> Willd.	63	<i>parviflorus</i> Nees non Vahl	45
<i>malabaricus</i> T. Cooke	65	<i>pectiniformis</i> R. & S.	44
<i>malaccensis</i> Lam.	46	<i>pedunculatus</i> Kern	67
<i>meiboldii</i> Kuekenh.	46	<i>pennatus</i> Lam.	63
<i>melanocephalus</i> Miq.	66	<i>pentabracteatus</i> Govind.	
<i>melanosperrmus</i> Vahlk.-Sur.	60	& Hemadri	47
ssp. <i>bifolius</i> Kern	60	<i>pilosus</i> Vahl	47
<i>membranaceus</i> Vahl	66	<i>var. obliqua</i> C.B.Cl.	47
<i>metzii</i> Matf. & Kuekenh.	61	<i>var. polyantha</i> C.B.Cl.	47
<i>micans</i> Kunth	65	<i>platyphyllus</i> R. & S.	47
<i>michelianus</i> Del.	70	<i>platystylis</i> R. Br.	47

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<i>plumbosaccus</i> Govind.	47	<i>scariosa</i> R. Br.	47
<i>plurimodosa</i> Govind.	47	<i>serotinus</i> Rottb.	58
<i>polymithelus</i> Govind.	47	<i>sesquiflorus</i> Mattf. & Kuekenh.	
<i>polytachyos</i> Rottb.	65	<i>ssp. cylindricus</i> T. Koyama	61
<i>var. laxiflorus</i> Bth.	66	<i>var. cylindricus</i> Kuekenh.	61
<i>procerus</i> Rottb.	47	<i>var. subericeps</i> T. Koyama	61
<i>var. lasiorrhachis</i> C.B.Cl.	47	<i>setifolius</i> D. Don	47
<i>var. procerus.</i>	47	<i>sikkimensis</i> Kuekenh.	63
<i>pseudokyllingioides</i> Kuekenh.	57	<i>silotensis</i> Nees	48
<i>pubisquamis</i> Steud.	46	<i>spongiosa-vaginatus</i> Boeck.	44
<i>pulchellus</i> R. Br.	73	<i>squarrosus</i> L.	64
<i>pulcherrimus</i> Kunth	47	<i>standli</i> Kuekenh.	48
<i>pumilus</i> Nees non L.	67	<i>stenotachyus</i> Bth.	
<i>pumilus</i> L.	66	<i>var. indica</i> C.B.Cl.	46
<i>var. membranaceus</i> Kuekenh.	66	<i>stoloniferus</i> Retz.	48
<i>puncticulatus</i> Vahl	66	<i>stramineus</i> Nees non Desf.	66
<i>pusillus</i> Vahl	66	<i>stricticulmis</i> Govind.	48
<i>pygmaeus</i> Retz.	66	<i>stricus</i> Roxb.	65
<i>pygmaeus</i> Rottb.	58	<i>subcapitatus</i> C.B.Cl.	47
<i>radiatus</i> Vahl	45	<i>substramineus</i> Kuekenh.	66
<i>rectangularis</i> Bennet	43	<i>sulcinax</i> C.B.Cl.	66
<i>retzii</i> Nees non Poir.	44	<i>tegetiformis</i> Arn.	44
<i>rotundus</i> L.	47	<i>tegetum</i> Roxb.	46
<i>ssp. retzii</i> Kuekenh.	44	<i>var. ambigua</i> C.B.Cl.	47
<i>ssp. rotundus</i>	47	<i>teneriffae</i> Poir.	47
<i>var. caniflora</i> C.B.Cl.	47	<i>tenniculmis</i> Boeck.	48
<i>var. rotundus</i>	47	<i>tenuispica</i> Steud.	48
<i>var. subcapitatus</i> Kuekenh.	47	<i>thomsoni</i> Boeck.	48
<i>ssp. tuberosus</i> Kuekenh.	47	<i>trilobatus</i> Kern	48
<i>rubicandus</i> Vahl	47	<i>triceps</i> Endl.	61
<i>rubriglanosus</i> Govind.	47	<i>triflorus</i> L.	55
<i>sanguinolentus</i> Vahl	66	<i>trilobus</i> D. Don	48
<i>var. micromax</i> Kuekenh.	66	<i>tuberosus</i> Rottb.	47
<i>ssp. cristatichys</i> Kern	66	<i>tuberosus</i> C.B.Cl. non Rottb.	44
<i>ssp. melanocephalus</i> Kern	66	<i>umbellatus</i> C.B.Cl.	
<i>f. melanocephalus</i> Kuekenh.	66	<i>var. laxatus</i> C.B.Cl.	63
<i>ssp. sacer</i> Koyla.	66	<i>uncinatus</i> C.B.Cl. non Poir.	44

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<i>zollingeri</i> C.B.Cl. non Steud.	48	<i>brevifolia</i> Willd.	199
var. <i>condensatus</i> Kuekenh.	46	<i>glomerata</i> L.	204
CYRIPEDIUM L.	125	<i>lagopoides</i> L.	179
<i>charlesworthii</i> Rolfe	159	<i>spicata</i> Willd.	214
<i>caudigerum</i> D. Don	125	DACTYLOCTENIUM Willd.	204
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<i>elegans</i> Reichb. f.	125	<i>aristatum</i> Link	204
<i>fabianum</i> Lindl.	159	<i>anstrale</i> Steud.	204
<i>himalaicum</i> Rolfe	125	<i>benardianum</i> Bor	178
<i>hirsutissimum</i> Hook.	159	<i>ceindicum</i> Boiss.	204
<i>insigne</i> Lindl.	159	DACTYLORHIZA Nevski	125
<i>maeranthum</i> Swartz	125	<i>katagira</i> Scri	126
var. <i>maeranthum</i>	125	DAEMONOROPS Bl.	19
var. <i>vastricosa</i> Carriere	125	<i>jenkinsianus</i> Mart.	19
<i>spicerianum</i> Reichb. f.	160	<i>karlensis</i> Becc. & Hook. f.	19
<i>sibeticum</i> Hemsf.	125	<i>manni</i> Becc. & Hook. f.	19
<i>venustum</i> Sims	160	DAISWA Rafin.	92
<i>villosum</i> Lindl.	160	<i>polyphylla</i> Rafin.	92
CYRTOCOCCUM Stapf	203	<i>rummenseis</i> Takht.	93
<i>acrescens</i> Stapf	203	<i>Dalzellia vivipara</i> Hassk.	24
<i>deccanense</i> Bor	203	DAMASONIUM Mill.	2
<i>longipes</i> A. Camus	203	<i>flava</i> Mill.	2
<i>maricatum</i> Bor	203	DANTHONIA DC.	204
<i>oxyphyllum</i> Stapf	204	<i>cachemyriana</i> Jaub. & Spach	204
<i>patens</i> A. Camus	204	<i>cachemyriana</i> Hook. f. non	
<i>trigonum</i> A. Camus	204	Jaub. & Spach	204
<i>Cyrtopera bicarinata</i> Lindl.	136	var. <i>minor</i> Hook. f.	204
<i>candida</i> Lindl.	136	<i>cumminsii</i> Hook. f.	204
<i>cullenii</i> Wight	136	<i>exilis</i> Hook. f.	204
<i>flava</i> Lindl.	137	<i>gammiei</i> Bhide	204
<i>fusca</i> Wight	137	<i>griffithiana</i> C. Muell.	233
<i>mannii</i> Reichb. f.	137	<i>himalaica</i> Hook. f.	252
<i>obtusa</i> Lindl.	137	<i>jacquemontii</i> Bor	204
<i>sanguinea</i> Lindl.	138	var. <i>minor</i> Bor	204
<i>Cytosia altissima</i> Bl.	138	<i>schneideri</i> Pilger	204
<i>javanica</i> Bl.	139	var. <i>minor</i> Karthik.	204

var. <i>schneideri</i> .	204	<i>clavatum</i> Lindl. non Roxb.	127
DANTHONIDIUM C.E. Hubb.	204	<i>crepidatum</i> Hook. f. <i>p.p.</i> non Lindl.	128
<i>gamblei</i> C.E. Hubb.	204	<i>crepidatum</i> Lindl.	127
<i>Danthoniopsis griffithiana</i> Bor	234	var. <i>avisa</i> Gammie	128
DENDROBIUM Swartz	126	<i>crinaleum</i> Lindl.	127
<i>aciliciforme</i> Roxb.	126	<i>cruciatum</i> Swartz	127
<i>actinomorpha</i> Blatt. & Hoffb.	128	<i>crystallinum</i> Reichb. f.	127
<i>afuncum</i> Wall.	126	<i>cucullatum</i> R. Br.	126
<i>aggregatum</i> Roxb. non Kunth	128	<i>emulatum</i> Lindl.	127
<i>album</i> Wight	126	var. <i>emulatum</i> .	127
<i>alpestris</i> Royle non Swartz	128	var. <i>jenkinsii</i> Hook. f.	127
<i>amoenum</i> Lindl.	126	<i>dalhousiearum</i> Paxt.	130
<i>ampulum</i> Lindl.	132	<i>dalzellii</i> Dalz.	134
<i>anabalayanum</i> Chandr. et al.	126	<i>darjeolingenasis</i> U.C. Pradhan	127
<i>anceps</i> Swartz	126	<i>demissum</i> D. Don	159
<i>aphyllum</i> C.E.C. Fischer	126	<i>denudatum</i> A.F.G. Kerr	127
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var. <i>cucullata</i> Sarkar	126	<i>denudans</i> D. Don	127
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