

FLORAE INDICAE  
ENUMERATIO—ASTERACEAE



BOTANICAL SURVEY OF INDIA

# FLORAE INDICAE ENUMERATIO—ASTERACEAE

FLORA OF INDIA  
SERIES 4

# FLORAE INDICAE ENUMERATIO—ASTERACEAE

*by*

R. R. Rao, H. J. Chowdhery, P. K. Hajra, S. Kumar  
P. C. Pant, B. D. Naithani, B. P. Uniyal  
R. Mathur & S. K. Mamgain



BOTANICAL SURVEY OF INDIA

© Government of India, April 1988

*Price:*

Published by the Director, Botanical Survey of India  
P-8, Brabourne Road, Calcutta-700 001 and Printed at  
Deep Printers, 3/26 Ramesh Nagar, New Delhi-110015



## FOREWORD

Checklists of large families have always proved useful precursors for detailed revisionary studies. This is more so for a large country like India which embraces diverse habitats exhibiting enormous plant diversity. Botanical Survey of India has taken over the preparation of a massive Flora of India in several volumes, and is estimated to include *ca* 17,000 species of flowering plants. In order to assist the various workers it is also proposed to publish an annotated Catalogue of flowering plants of Indian region and volume one containing the monocotyledonous species is already in press. The present work dealing with Indian Compositae forms one more step in this direction.

It is earnestly hoped that this publication will be of immense use to botanists, agriculturists, weed scientists, horticulturists, foresters and others interested in plant studies not only in India but outside as well.

M. P. NAYAR  
DIRECTOR

Botanical Survey of India  
Calcutta.

Dated : 8th April, 1988

## PREFACE

Compositae (*nom. alt.* Asteraceae) is one of the largest flowering plant families with about 30,000 species and little over 1000 genera, distributed more or less throughout the globe. This family is a natural assemblage of well knit species, which are characterised by involucrate head inflorescence, the 5-lobed gamopetalous corolla, the unusual presence of pappus/scales/awns in place of calyx, the inferior bicarpellate, unilocular ovary with a single basal ovule and the achene type of fruits.

Although the recognition of the group as a distinct natural assemblage, dates back to pre Linnaean period, it was George Bentham who in his *Genera plantarum* (1873) made a significant contribution to our understanding of the family. The 13 tribes which he recognized in this group are held more or less valid even today after a lapse of over hundred years.

In India, the first important contribution on this family is available in D. Don's *Prodromus Florae Nepalensis* (1825), wherein he described about 60 species. Although Wallichian Catalogue (1831) treated about 400 species, many of which were named for the first time, several of them were treated as synonyms by subsequent workers. The major contribution on this family in Indian region is mainly by two British botanists, i.e. C.B. Clarke (1876) and J.D. Hooker (1881). Hooker in his monumental *Flora of British India* has dealt in greater detail the taxonomic account of about 608 species belonging to 128 genera from India and adjoining countries. Subsequent to these two important but century old publications on Indian Compositae, no worthy contributions appear to have been made. Nevertheless, there have been considerable changes in the floristic pattern and ecology of the country. As many as 400 species (equal to 2/3 the total number of species reported by Hooker) have been added to the list of Indian Compositae alone. Thus, there exists a conspicuous lacuna in the knowledge of Indian Asteraceae. Keeping this objective in view, a revision of the family for the new Flora of India has been initiated by a team of Scientists of the Northern Circle of the Botanical Survey of India. As a precursor for the full flora, a complete checklist is provided here.

The checklist includes the alphabetical treatment of 1052 taxa under 177 genera from within the territorial limits of the Indian Republic. The valid names are in bold face while the synonyms and basionyms where available, are in *italics*. Original citation is provided for each binomial and only Hooker's Flora of British India is cited for each species and in case of those species reported subsequent to Hooker's Flora, the original literature reporting the species from India is cited. The data on distribution in India for each taxon is gathered from literature as well as collections in various herbaria and is merely aimed to indicate its probable range of distribution in the country. The name of other countries/regions of distribution are also given.

No doubt, with the detailed revisionary account, the number of recognized taxa and their generic delimitations are sure to change. While every care has been taken in compiling

this list as exhaustive as possible, the possibilities of some omissions cannot be overlooked. Therefore any comments on this list will be sincerely attended to by the authors.

The authors wish to place on record their sincere gratitude to Dr. M.P. Nayar, Director, Botanical Survey of India, Calcutta for assigning this important task, and for his keen interest and encouragement for completion of this work.

AUTHORS

Botanical Survey of India  
Dehra Dun  
April, 1988

## ENUMERATION

**ACANTHOSPERMUM** Schrank, Pl. Rar. Horti Acad. Monac. 53. 1820. ("1819").

**Acanthospermum hispidum** DC., Prodr. 5: 522. 1836.

Distrib.: INDIA: Arunachal Pradesh, Uttar Pradesh, Rajasthan; SOUTH AMERICA, AFRICA, NEPAL.

**ACHILLEA** L., Sp. Pl. 896. 1753.

**Achillea alpina** L., Sp. Pl. 899. 1753. *A. sibirica* Ledeb., Ind. Sem. H. Dorpat. 1811 et Fl. Ross 2: 528. 1896; Balakr. in Bull. Bot. Surv. Ind. 16 (1-4): 170. 1974 (1977).

Distrib.: INDIA: Meghalaya; ASIA, U.S.S.R. EUROPE.

**Achillea millefolium** L., Sp. Pl. 899. 1753; Hook. f., Fl. Brit. Ind. 3: 312. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Tamilnadu; PAKISTAN, AFGHANISTAN, EUROPE, N. AMERICA, ASIA.

**Achillea setacea** Wedd., Kit. P. Rar. Hung. 1: 68. t. 66. 1802.

Distrib.: INDIA: Uttar Pradesh; EUROPE. Cultivated.

**ACROPTILON** Cass., Dict. Sci. Nat. 50: 464. 1827.

**Acroptilon repens** (L.) DC., Prodr. 6: 603. 1838. *Centaurea repens* L., Sp. Pl. 916. 1753.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, IRAN, U.S.S.R., EUROPE, N. AMERICA.

**ADENOCAULON** W.J. Hooker, Bot. Misc. 1: 19. 1829.

**Adenocaulon himalaicum** Edgew. in Trans. Linn. Soc. 20: 64. 1846. *A. bicolor* auct. non Hook. f.; Clarke, Comp. Ind. 132. 1876; Hook. f., Fl. Brit. Ind. 3: 302. 1881 p. p.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, S. CHINA, AMERICA.

**ADENOON** Dalz. in Hook., Kew J. Bot. Misc. 2: 344. 1850.

**Adenoon indicum** Dalz. in Hook., Kew J. Bot. Misc. 2: 344. 1850; Hook. f., Fl. Brit. Ind. 3: 229. 1881.

Distrib.: INDIA: Tamilnadu, Karnataka, Maharashtra, Goa. Endemic.

**ADENOSTEMMA** J.R. Forst. et J.G. Forst., Charact. Gen. 89, t. 45. 1776.

**Adenostemma lavenia** (L.) O. Ktze., Rev. Gen. Pl. 1: 304. 1891. *Verbesina lavenia* L., Sp. Pl. 902. 1753.

Distrib.: INDIA: Throughout India, MALAYA, CHINA, AUSTRALIA, TROPICAL AFRICA.

**Adenostemma lavenia** (L.) O. Ktze. var. *elata* (D. Don) Kitam. in Fl. East Himal. 329. 1966. *A. elatum* D. Don, Prodr. Fl. Nepal. 181. 1825. *A. viscosum* J.R. Forst. et

J.G. Forst. var. *typica* & var. *elata* (D. Don) Hook. f., Fl. Brit. Ind. 3: 242. 1881 excl. Descr. et syn. p. p.

Distrib.: INDIA: Throughout India, BANGLADESH, BURMA, NEPAL.

**Adenostemma lavenia** (L.) O. Ktze. var. **madurense** (DC.) Panigrahi in Kew Bull. 30 (4): 654. 1975. *A. madurense* DC. in Wight, Contrib. Bot. Ind. 9. 1834. *A. viscosum* J.R. Forst. & J.G. Forst. var. *reticulatum* Hook. f., Fl. Brit. Ind. 3: 243. 1881 p. p.

Distrib.: INDIA: Sikkim, Assam, W. Bengal; MALAY PENINSULA.

**AGERATINA** Spach. Hist. Nat. Veg. Phan. 10: 286. 1841.

**Ageratina adenophora** (Spreng.) King & Robinson in Phytologia 20: 204. 1970. *Eupatorium adenophorum* Spreng., Syst. Veg. 3: 420. 1826. *E. glandulosum* Kunth in HBK., Nov. Gen. Sp. 4: 122. t. 346. 1820.

Distrib.: INDIA: Uttar Pradesh, Sikkim, Meghalaya, Tripura, West Bengal, Tamilnadu; Pantropic weed.

**AGERATUM** L., Sp. Pl. 839. 1753.

**Ageratum conyzoides** L., Sp. Pl. 839. 1753; Hook. f., Fl. Brit. Ind. 3: 243. 1881.

Distrib.: INDIA: Throughout India; ALL TROPICAL COUNTRIES.

**Ageratum houstonianum** Mill., Gard. Dict. ed. 8. No. 2. 1768; Gamble, Fl. Pres. Madr. 1302 (1881). 1935.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Sikkim, Assam, West Bengal, South India, Gujarat, Rajasthan, Punjab, Haryana; TROPICS & SUBTROPICS OF WORLD.

**AINSLIAEA** DC., Prodr. 7: 13. 1838.

**Ainsliaea angustifolia** Hook. f. & Thoms. ex Hook. f., Fl. Brit. Ind. 3: 388. 1881.

Distrib.: INDIA: Meghalaya.

**Ainsliaea aptera** DC., Prodr. 7: 14. 1838; Hook. f., Fl. Brit. Ind. 3: 388. 1881.

Distrib.: INDIA: Jammu & Kashmir, Sikkim; PAKISTAN, BHUTAN, CHINA.

**Ainsliaea latifolia** (D. Don) Schultz-Bip. in Pollichia 18, 19: 190. 1861. *Liatris latifolia* D. Don, Prodr. Fl. Nepal. 169. 1825. *Ainsliaea pteropoda* DC., Prodr. 7: 14. 1838; Hook. f., Fl. Brit. Ind. 3: 388. 1881.

Distrib.: INDIA: Himachal Pradesh, Meghalaya, Arunachal Pradesh; PAKISTAN, BHUTAN, NEPAL, BURMA, CHINA.

**AMBERBOA** (Pers.) Less., Syn. Comp. 8. 1832. *nom. cons.*

**Amberboa moschata** (L.) Less., Syn. Comp. 8. 1832; Sharma in J. Econ. Tax. Bot. 3 (2): 529. 1982. *Centaurea moschata* L., Sp. Pl. 909. 1753.

Distrib.: INDIA: Punjab; PAKISTAN.

**Amberboa ramosa** (Roxb.) Jafri in Scientist 3: 29. 1959. *Carduus ramosus* Roxb., Fl. Ind. 3: 407. 1832. *Volutarella divaricata* (DC.) Benth. & Hook. f., Gen. Pl. 2: 476. 1873; Clarke, Comp. Ind. 242. 1876 (excl. syn.); Hook. f., Fl. Brit. Ind. 3: 383. 1881.

Distrib.: INDIA: Uttar Pradesh, Bihar, Madhya Pradesh, Orissa, Andhra Pradesh, Tamilnadu, Karnataka, Rajasthan; PAKISTAN, AFGHANISTAN.

- AMBROSIA** L., Sp. Pl. 987. 1753.
- Ambrosia artemisifolia** L., Sp. Pl. 988. 1753.
- Distrib.: INDIA : Meghalaya; AMERICA, CHINA. Introduced from America.
- ANAPHALIS** DC., Prodr. 6: 271. 1838.
- Anaphalis adnata** DC., Prodr. 6: 274. 1838; Hook. f., Fl. Brit. Ind. 3: 282. 1881.
- Distrib.: INDIA: Throughout India ascending up to 2500 m; BHUTAN, NEPAL, BURMA, PAKISTAN, PHILIPPINES.
- Anaphalis aristata** DC., Prodr. 6: 274. 1838; Hook. f., Fl. Brit. Ind. 3: 285. 1881.
- Distrib.: INDIA: Tamilnadu. Endemic.
- Anaphalis barnesii** Fischer in Kew Bull. 1939: 247. 1939.
- Distrib.: INDIA: Tamilnadu, Kerala. Endemic.
- Anaphalis beddomei** Hook. f., Fl. Brit. Ind. 3: 282. 1881.
- Distrib.: Tamilnadu, Kerala.
- Anaphalis bournei** Fyson in Kew Bull. 1914: 209. 1914.
- Distrib.: INDIA: Tamilnadu, Kerala.
- Anaphalis brevifolia** DC., Prodr. 6: 273. 1838; Hook. f., Fl. Brit. Ind. 3: 286. 1881.
- Distrib.: INDIA: Tamilnadu, Kerala; SRI LANKA.
- Anaphalis busua** (Buch.-Ham. ex D. Don) DC., Prodr. 6: 275. 1838. *Gnaphalium busuum* Buch.-Ham. ex D. Don, Prodr. Fl. Nepal. 173. 1825. *Anaphalis araneosa* DC. Prodr. 6: 275. 1838; Hook. f., Fl. Brit. Ind. 3: 283. 1881.
- Distrib.: INDIA: Jammu & Kashmir; Himachal Pradesh, Uttar Pradesh, Sikkim, Arunachal Pradesh, Nagaland, Manipur, Tripura, Meghalaya, West Bengal; PAKISTAN, NEPAL, BURMA, CHINA.
- Anaphalis cavei** Chatterjee in Bull. Bot. Soc. Bengal 3: 17. 1949.
- Distrib.: INDIA: Sikkim.
- Anaphalis contorta** (D. Don) Hook. f., Fl. Brit. Ind. 3: 284. 1881. *Antennaria contorta* D. Don in Bot. Reg. 7: 605. 1821. *Anaphalis hondae* Kitam. in Acta Phyto. Geobot. Kyoto 15: 78. 1953.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Arunachal Pradesh, Meghalaya, West Bengal; PAKISTAN, NEPAL, BHUTAN, TIBET, PHILIPPINE.
- Anaphalis deserti** J.R. Drumm. in Kew Bull. 1910: 76. 1910.
- Distrib.: INDIA: Eastern Himalaya.
- Anaphalis griffithii** Hook. f., Fl. Brit. Ind. 3: 280. 1881.
- Distrib.: INDIA: Sikkim, Arunachal Pradesh, Meghalaya; NEPAL, CHINA.
- Anaphalis hookeri** Clarke ex Hook. f., Fl. Brit. Ind. 3: 282. 1881.
- Distrib.: INDIA: Sikkim.
- Anaphalis lawii** (Hook. f.) Gamble, Fl. Pres.



Madr. 2: 696 (489) 1921. *A. oblonga* DC. var. *lawii* Hook. f., Fl. Brit. Ind. 3: 283. 1881.

Distrib.: INDIA: Orissa, Tamilnadu, Kerala, Karnataka, Maharashtra.

**Anaphalis leptophylla** DC., Prodr. 6: 273. 1838; Hook. f., Fl. Brit. Ind. 3: 285. 1881.

Distrib.: INDIA: Tamilnadu, Kerala.

**Anaphalis marcescens** Clarke, Comp. Ind. 110. 1876; Hook. f., Fl. Brit. Ind. 3: 286. 1881.

Distrib.: INDIA: Tamilnadu, Kerala, Karnataka; SRI LANKA.

**Anaphalis margaritacea** (L.) Benth. in Benth. & Hook. f., Gen. Pl. 2: 303. 1873. *Gnaphalium margaritaceum* L., Sp. Pl. 850. 1753. *Anaphalis cinnamomea* Clarke, Comp. Ind. 104. 1876; Hook. f., Fl. Brit. Ind. 3: 279. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Nagaland, Manipur, Meghalaya, West Bengal; BHUTAN, TIBET, CHINA, BURMA, JAPAN, SRI LANKA, PAKISTAN, N. AMERICA.

**Anaphalis meeboldii** W.W. Smith in Rec. Bot. Surv. Ind. 4: 284. 1911.

Distrib.: INDIA: Tamilnadu, Kerala.

**Anaphalis neelgerriana** DC., Prodr. 6: 272. 1838; Hook. f., Fl. Brit. Ind. 3: 287. 1881.

Distrib.: INDIA: Tamilnadu. Endemic.

**Anaphalis nepalensis** (Spreng.) Hand.-Mazz., Symb. Sin. 7: 1099. 1936. *Helichrysum nepalensis* Spreng., Syst. Veg. 3: 485. 1826. *Anaphalis triplinervis* (Sims.) Clarke var. *intermedia* (DC.) Airy Shaw in Bot. Mag. 158. t. 9396. 1935. *A. nubigena* DC., Prodr. 6: 272. 1838; Hook. f., Fl. Brit. Ind. 3: 279. 1881 *p. p.* *A. nubigena* DC. var. *intermedia* (DC.) Hook. f., Fl. Brit. Ind. 3: 280. 1881. *A. cuneifolia* (DC.) Hook. f., Fl. Brit. Ind. 3: 280. 1881. *A. triplinervis* (Sims.) Clarke var. *monocephala* (DC.) Airy Shaw in Bot. Mag. 158. t. 9396. 1935.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Arunachal Pradesh, West Bengal; BHUTAN, BURMA, CHINA, NEPAL, TIBET.

**Anaphalis notoniana** DC., Prodr. 6: 273. 1838; Hook. f., Fl. Brit. Ind. 3: 284. 1881.

Distrib.: INDIA: Tamilnadu, Kerala.

**Anaphalis royleana** DC., Prodr. 6: 272. 1838. var. **royleana**.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; BHUTAN, NEPAL, CHINA.

**Anaphalis royleana** DC. var. **cana** Hook. f., Fl. Brit. Ind. 3: 280. 1881.

Distrib.: INDIA: Jammu & Kashmir, Sikkim.

**Anaphalis royleana** DC. var. **concolor** Hook. f., Fl. Brit. Ind. 3: 280. 1881.

Distrib.: INDIA: Jammu & Kashmir, Sikkim; PAKISTAN, TIBET.

**Anaphalis saxatilis** Boerl., Handb. Fl. Nedl. Indie. 2: 1. 1891.

Distrib.: INDIA: Karnataka; JAVA.

**Anaphalis staintonii** Georgiadou in Candollea 33: 137. 1978.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.

**Anaphalis subdecurrens** (DC.) Gamble, Fl. Pres. Madr. 2: 695 (489). 1921. *Gnaphalium subdecurrens* DC. in Wight, Contrib. Bot. Ind. 21. 1834. *Anaphalis oblonga* (Bl.) DC., Prodr. 6: 274. 1838; Hook. f., Fl. Brit. Ind. 3: 283. 1881. *p. p.*

Distrib.: INDIA: Madhya Pradesh, Tamilnadu, Kerala, Karnataka; Orissa, SRI LANKA.

**Anaphalis subumbellata** Clarke, Comp. Ind. 108. 1876; Hook. f., Fl. Brit. Ind. 3: 281. 1881.

Distrib.: INDIA: Sikkim.

**Anaphalis tenella** DC., Prodr. 6: 273. 1838; Hook. f., Fl. Brit. Ind. 3: 283. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Meghalaya, West Bengal; NEPAL, BHUTAN.

**Anaphalis travancorica** W.W. Smith in Rec. Bot. Surv. Ind. 4: 284. 1911.

Distrib.: INDIA: Tamilnadu, Kerala, Karnataka.

**Anaphalis triplinervis** (Sims.) Clarke, Comp. Ind. 105. 1876; Hook. f., Fl. Brit. Ind. 3: 281. 1881. *Antennaria triplinervis* Sims. in Bot. Mag. 51: t. 2468. 1823.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; BHUTAN, TIBET, CHINA.

**Anaphalis virgata** Thoms. ex Clarke, Comp. Ind. 107. 1876; Hook. f., Fl. Brit. Ind. 3: 285. 1881. *A. stoliczkai* Clarke, Comp. Ind. 108. 1876; Hook. f., Fl. Brit. Ind. 3: 283. 1881.

Distrib.: INDIA: Jammu and Kashmir, Himachal Pradesh; PAKISTAN, NEPAL, TIBET, CHINA.

**Anaphalis wightiana** DC., Prodr. 6: 273. 1838; Hook. f., Fl. Brit. Ind. 3: 286. 1881. *Gnaphalium wightianum* DC. in Wight, Contrib. Bot. Ind. 21. 1834.

Distrib.: INDIA: Tamilnadu, Karnataka. Endemic.

**Anaphalis xylorhiza** Sch.-Bip. ex Hook. f., Fl. Brit. Ind. 3: 281. 1881.

Distrib.: INDIA: Uttar Pradesh, Sikkim; BHUTAN, TIBET, CHINA.

**ANISOPAPPUS** Hook. *et* Arnott., Bot. Beech. Voy. 196. 1837.

**Anisopappus chinensis** (L.) Hook. *et* Arnott., Bot. Beech. Voy. 196. 1837. *Verbesina chinensis* L., Sp. Pl. 901. 1753.

Distrib.: INDIA: Meghalaya; CHINA.

**ANTHEMIS** L., Sp. Pl. 890. 1753.

**Anthemis cotula** L., Sp. Pl. 894. 1753; Hook. f., Fl. Brit. Ind. 3: 312. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN, CHINA, N. ASIA, N. AFRICA, Westwards to BRITAIN and CANARY ISLANDS.

**ARCTIUM** L., Sp. Pl. 816. 1753.

*Arctium lappa* L., Sp. Pl. 816. 1753; Hook. f., Fl. Brit. Ind. 3: 559. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL, PAKISTAN, AFGHANISTAN, W. TIBET, CHINA, EUROPE.

**ARNICA** L., Sp. Pl. 884. 1753.

*Arnica montana* L., Sp. Pl. 884. 1753.

Distrib.: INDIA: Jammu & Kashmir.

**ARTEMISIA** L., Sp. Pl. 845. 1753.

*Artemisia absinthium* L., Sp. Pl. 848. 1753; Hook. f., Fl. Brit. Ind. 3: 328. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; AFGHANISTAN, PAKISTAN, CHINA, Westward to ATLANTIC.

*Artemisia amygdalina* Decne. in Jacq. Voy. Ind. 92. t. 100. 1844; Hook. f., Fl. Brit. Ind. 3: 325. 1881.

Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN.

*Artemisia aucheri* Boiss., Fl. Orient. 3: 367. 1875.

Distrib.: INDIA: Jammu & Kashmir.

*Artemisia biennis* Willd., Phytogr. 11, n. 39. 1794; Sp. Pl. 3: 1842. 1804. *A. tournefortiana* Reichnb. Ic. Exot. 1: 6. t. 5. 1824; Hook. f., Fl. Brit. Ind. 3: 324. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; W. TIBET, CHINA, N. ASIA, AMERICA, IRAN.

*Artemisia campbellii* Hook. f. & Thoms. ex Clarke, Comp. Ind. 164. 1876; Hook. f., Fl. Brit. Ind. 3: 327. 1881.

Distrib.: INDIA: Jammu & Kashmir, Sikkim; TIBET, CHINA.

*Artemisia capillaris* Thunb., Fl. Jap. 309. 1784. *A. scoparia* Waldst. & Kit., Pl. Rar. Hung. 1: 66. t. 65. 1802; Hook. f., Fl. Brit. Ind. 3: 323. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Punjab, Rajasthan; AFGHANISTAN, PAKISTAN, W. TIBET, CHINA, JAPAN, C. EUROPE.

*Artemisia capillaris* Thunb. var. *scoparia* (Waldst. et Kit) Pamp. f. *kohatica* (Klatt) Pamp. in Nuovo Giorn. bot. ital. n.s. 34: 642-44. 1927-28; *A. kohatica* F.W. Klatt in Sitzber. Akad. Muench. 91. 1878.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; AFGHANISTAN, CHINA, MONGOLIA.

*Artemisia caruifolia* Buch.-Ham. in Roxb.. Fl. Ind. 2. 3: 422. 1832. "Carnifolia"; Hook. f., Fl. Brit. Ind. 3: 324. 1881.

Distrib.: INDIA: Himalaya, Assam, West Bengal; BURMA, NEPAL, CHINA.

*Artemisia desertorum* Spreng., Syst. Veg. 3: 490. 1826; Hook. f., Fl. Brit. Ind. 3: 322. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; CHINA, PAKISTAN, E. TURKISTAN, SIBERIA.

*Artemisia dracunculus* L. Sp. Pl. 849. 1753; Hook. f., Fl. Brit. Ind. 3: 321. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; CHINA, AFGHANISTAN, W. TIBET, PAKISTAN, W. ASIA, U.S.S.R.

**Artemisia dubia** Wall. ex Bess. in Nouv. Mem. Soc. Nat. Mosc. 3: 39. 1834. var. **dubia**. *A. vulgaris sensu* Hook. f., Fl. Brit. Ind. 3: 325. 1881. *p.p. non L.* *A. subdigitata sensu* Matf. in Fedde Rep. Sp. Nov. 22: 243. 1926. *p.p. A. dracunculus L. var. inodora sensu* Pamp. in Nuov. Giorn. Bot. Ital. n.s. 34: 653. 1927. *p.p.*

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; TIBET BHUTAN, NEPAL, CHINA.

**Artemisia dubia** var. **subdigitata** Ling in Kew Bull. 42 (2): 445. 1987. *A. jacquemontiana* Bess. in Bull. Ser. Imp. Nat. Mosc. 8: 61. 1835. *A. royleana* DC. *tom. cit.* 115. 1838. *A. glauca sensu* Hook. f., Fl. Brit. Ind. 3: 322. 1881, *non* Pall. *A. dracunculus f. pinnata* Pamp. *op. cit.* 36: 379. 1929.

Distrib.: INDIA: North-West Himalaya, Punjab; NEPAL, BHUTAN, CHINA.

**Artemisia elegantissima** Pamp., Nuov. Giorn. Bot. Ital. n.s. 34: 454. 1927; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 716. 1972.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; PAKISTAN.

**Artemisia eriocephala** Pamp., Nuov. Giorn. Bot. Ital. n.s. 33: 454. 1926. *A. indica* Willd. Sp. Pl. 3: 1896. 1803 *p. p.*; Razi in Rec. Bot. Surv. Ind. 18: 5. 1959.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; NEPAL.

**Artemisia filiformilobulata** Ling & Puri in Guihaia 5 (1): 1. 1985.

Distrib.: INDIA: Uttar Pradesh (Gangotri above 5000 m).

**Artemisia glauca** Pall. ex Willd., Sp. Pl. 3: 1831. 1804; Hook. f., Fl. Brit. Ind. 3: 322. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; MONGOLIA, SIBERIA, TIBET, CHINA.

**Artemisia gmelinii** Web. ex Steckm., Dissert. de Hartem 30. 1775. *A. sacrorum* Ledeb. in Mem. Acad. St. Pet. 5: 571. 1815; Hook. f., Fl. Brit. Ind. 3: 326. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; W. TIBET, N. CHINA, U.S.S.R., SIBERIA, DAHURIA, MONGOLIA.

**Artemisia grandis** Pamp., Nuov. Giorn. Bot. Ital. n.s. 34: 632. 1927; Razi in Rec. Bot. Surv. Ind. 18: 5. 1959.

Distrib.: INDIA: Uttar Pradesh.

**Artemisia incisa** Pamp. in Nuov. Giorn. Bot. Ital. n.s. 33: 456. 1926.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN.

**Artemisia indica** Willd. Sp. Pl. 3: 1846. 1803; Ling in Kew Bull. 42(2): 447. 1987. *A. grata* Wall. ex Bess. in Nouv. Mem. Soc. Nat. Mosc. 3: 57. 1834. *A. vulgaris sensu* Hook. f., Fl. Brit. Ind. 3: 325. 1881. *p.p. non L.*

Distrib.: INDIA. Himachal Pradesh, Meghalaya.

**Artemisia japonica** Thunb., Fl. Jap. 310. 1784. *A. parviflora* Roxb. ex Don, Prodr. Fl. Nepal. 181. 1825; Hook. f., Fl. Brit. Ind. 3: 322. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Meghalaya, Bihar, Tamilnadu; AFGHANISTAN, CHINA, IRAN, JAPAN, BURMA.

**Artemisia japonica** Thunb. var. **lanata** Pamp. in Rend. Sem. Fac. Sci. Univ. Caliarì 8: 3. 1938 *et* in Nuov Giorn. Bot. Ital n.s. 46: 587. 1938.

Distrib.: INDIA: Jammu & Kashmir;  
NEPAL.

**Artemisia laciniata** Willd., Sp. Pl. 3: 1843. 1803; Hook. f., Fl. Brit. Ind. 3: 326. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; TIBET, CHINA.

**Artemisia macrocephala** Jacq. ex Bess. in Bull. Soc. Nat. Mosc. 9: 28. 1836; Hook. f., Fl. Brit. Ind. 3: 329. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; AFGHANISTAN, W. TIBET, CHINA.

**Artemisia maritima** L., Sp. Pl. 846. 1753 *et* ed. 2, 1186. 1763; Hook. f., Fl. Brit. Ind. 3: 324. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; AFGHANISTAN, PAKISTAN, CHINA, W. TIBET, N. ASIA, EUROPE.

**Artemisia maritima** L. var. **thomsoniana** Clarke, Comp. Ind. 160. 1876; Jeffrey in Kew Bull. 19: 400. 1965. *Artemisia brevifolia* Wall. ex DC., Prodr. 6: 103. 1838; Hook. f., Fl. Brit. Ind. 3: 324. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; W. TIBET, N. ASIA, EUROPE.

**Artemisia minor** Jacq. ex Bess. in Bull. Soc. Nat. Mosc. 9: 22. 1836; Hook. f., Fl. Brit. Ind. 3: 329. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Sikkim;

BHUTAN, W. & E. TIBET, CHINA.

**Artemisia myriantha** Wall. ex Bess. in Nouv. Mem. Soc. Nat. Mosc. 3: 51. 1834. var. **myriantha**; Ling in Kew Bull. 42 (2): 446. 1987. *A. vulgaris* var. *myriantha* (Wall. ex Bess.) Clarke, Comp. Ind. 162. 1876. *A. vulgaris*, *sensu* Hook. f., Fl. Brit. Ind. 3: 325. 1881, non L. *A. dubia* var. *myriantha* (Wall. ex Bess.) Pamp. *tom. cit.* 450. 1926. *p.p. A. dolichocephala* Pamp. *op. cit.* 34: 175-176. 1927.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh, Sikkim, Meghalaya; BHUTAN, NEPAL, N. BURMA, CHINA.

**Artemisia myriantha** Wall. ex Bess. var. **pleiocephala** (Pamp.) Ling in Kew Bull. 42 (2): 446. 1987. *A. pleiocephala* Pamp. in Nuovo Gior. Bot. Ital. n.s. 36: 447. 1929. *A. vulgaris sensu* Hook. f., Fl. Brit. Ind. 3: 325. 1881, non L., *p.p. A. dubia* sub. f. *pauciflora* Pamp. *op. cit.* 33: 449. 1926. *A. dubia* f. *meridionalis* Pamp. *tom. cit.* 450. 1926.

Distrib.: INDIA: Jammu & Kashmir, Karnataka; CHINA.

**Artemisia nepalensis** Nees in Flora 14: 290. 1831.

Distrib.: INDIA: E. Himalaya.

**Artemisia nilagirica** (Clarke) Pamp., Nuov. Giorn. Bot. Ital. n.s. 33: 452. 1926. *A. vulgaris* var. *nilagirica* Clarke, Comp. Ind. 162. 1876. *A. vulgaris auct. non* L.; Hook. f., Fl. Brit. Ind. 3: 325. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Meghalaya, W. Ghats; PAKISTAN, NEPAL, ASIA, EUROPE, SRI LANKA, JAVA.

**Artemisia pallens** Wall. ex DC., Prodr. 6: 120. 1838; Hook. f., Fl. Brit. Ind. 3: 329. 1881.

Distrib.: INDIA: Uttar Pradesh, Cultivated.

**Artemisia persica** Boiss., Diagn. Ser. 1, 6: 91. 1845; Hook. f., Fl. Brit. Ind. 3: 327. 1881.

Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, IRAN.

**Artemisia roxburghiana** Wall. ex Bess. in Bull. S. Imp. Nat. Mosc. 9: 57. 1836. *A. roxburghiana* var. *1. grata* (Wall. p. p.); Hook. f., Fl. Brit. Ind. 3: 326. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL, PAKISTAN, CHINA.

**Artemisia roxburghiana** Wall. ex Bess. var. **purpurascens** (Jacq. ex Bess.) Hook. f., Fl. Brit. Ind. 3: 326. 1881. *A. purpurascens* Jacq. ex Bess. in Bull. S. Imp. Nat. Mosc. 9: 60. 1836.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; PAKISTAN, NEPAL.

**Artemisia rutifolia** Steph. ex Spreng., Syst. Veg. 3: 488. 1826. *A. falconeri* Clarke in Hook. f., Fl. Brit. Ind. 3: 328. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN, TIBET, CHINA.

**Artemisia salsoloides** Willd., Sp. Pl. 3: 1832. 1803; Hook. f., Fl. Brit. Ind. 3: 321. 1881. var. **salsoloides**.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh; PAKISTAN, TIBET, CHINA.

**Artemisia salsoloides** Willd. var. **paniculata** Hook. f., Fl. Brit. Ind. 3: 321. 1881.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, CHINA.

**Artemisia salsoloides** Willd. var. **wellbyi** (Hemsl. & Pearson) Ostenf. in Hedin, S. Tibet 6 (3): 40. 1922. *A. wellbyi* Hemsl. & Pearson in J. Linn. Soc. Bot. 35: 183. 1902.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, BHUTAN, CHINA.

**Artemisia sieversiana** Ehrh. ex Willd., Sp. Pl. 3: 1845. 1803; Hook. f., Fl. Brit. Ind. 3: 329. 1881. excl. Syn.; Forbes and Hemsl. in J. Linn. Soc. Bot. 23: 445. (Ind. Fl. Sin. I) 1885.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN, W. TIBET, CHINA, U.S.S.R.

**Artemisia stracheyi** Hook. f. & Thoms. ex Clarke, Comp. Ind. 164. 1876; Hook. f., Fl. Brit. Ind. 3: 328. 1881.

Distrib.: INDIA: Jammu & Kashmir; TIBET, CHINA.

**Artemisia stricta** Edgew. in Trans. Linn. Soc. 20: 73. 1846; Hook. f., Fl. Brit. Ind. 3: 323. 1881. *A. edgeworthii* Balakr. in J. Bombay Nat. Hist. Soc. 63: 329. 1967.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; TIBET, CHINA.

**Artemisia strongylocephala** Pamp. in Nuov. Giorn. Bot. Ital. n.s. 34: 176. 1967.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; CHINA.

**Artemisia strongylocephala** Pamp. var. **typica** f. **genuina** Pamp. in Nuov. Gior. Bot. Ital. n.s. 34: 176. 1927.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh.



- Artemisia stronglylocephala** Pamp. var. **cachemirica** Pamp. *op. cit.* 34: 176. 1927.  
Distrib.: INDIA: Jammu & Kashmir.
- Artemisia stronglylocephala** Pamp. var. **cachemirica** sub. f. **glabrescens** Pamp. *op. cit.* 34: 177. 1927.  
Distrib.: INDIA: Jammu & Kashmir.
- Artemisia tenuifolia** Ling & Puri in Guihaia 5 (1): 2. 1985.  
Distrib.: INDIA: Uttar Pradesh.
- Artemisia thellungiana** Pamp. in Nuov. Giorn. Bot. Ital. n.s. 33: 457. 1926; Razi in Rec. Bot. Surv. Ind. 18: 5. 1959.  
Distrib.: INDIA: Sikkim.
- Artemisia verlotiorum** Lamotte in Mem. Ass. Franc. Cong. Clerm.-Ferr. 511. 1876; Ling in Kew Bull. 42 (2): 447. 1987. *A. leptostachya* DC., Prodr. 6: 113. 1838. *p.p.* *A. dubia sensu* Pamp. in Nuov. Giorn. Bot. Ital. n.s. 33: 447. 1926. *p.p. non.* Wall. ex Bess. *A. dubia* sub. f. *puberula* Pamp. *tom. cit.* 448. 1926. *A. vulgaris sensu* Hook. f., Fl. Brit. Ind. 3: 325. 1881. *A. dubia* sub. f. *intermedia* (Bess.) Pamp. *op. cit.* 33: 449. 1926.  
Distrib.: INDIA: Jammu & Kashmir Uttar Pradesh; CHINA, FORMOSA.
- Artemisia vestita** Wall. ex DC., Prodr. 6: 106. 1838; Hook. f., Fl. Brit. Ind. 3: 326. 1881.  
Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; AFGHANISTAN, PAKISTAN, N. CHINA.
- Artemisia wallichiana** Bess. in Nouv. Mem. S. Nat. Moscou 3: 69. 1834. *A. moorcroftiana* Wall. ex DC., Prodr. 6: 117. 1838; Hook. f., Fl. Brit. Ind. 3: 327. 1881. *A. brunnea* Pamp. in Rend. Sem. Fac. Sci. Univ. Calabri 8: 168. 1938.  
Distrib.: INDIA: Jammu-Kashmir, Himachal Pradesh; Uttar Pradesh; BHUTAN, NEPAL, TIBET, CHINA.
- ASTER L., Sp. Pl. 872. 1753.
- Aster ageratoides** Turcz. in Bull. S. Nat. Mosc. 7: 154. 1837. subsp. **alato-petiolata** Kitam. in Fauna & Fl. Nep. Himal. 247. 1955. *A. trinervius* D. Don subsp. **ageratoides** (Turcz.) Grierson in Notes Roy. Bot. Gard. Edinb. 26: 102. 1964. *p. p.*  
Distrib.: INDIA: Sikkim, Meghalaya, Nagaland; NEPAL, BHUTAN, S. & C. CHINA.
- Aster albescens** (DC.) Hand.-Mazz. in Acta Hort. Gotob. 12: 205. 1938. *Amphiraphis albescens* DC., Prodr. 5: 343. 1836. *Microglossa albescens* (DC.) Benth. ex Clarke, Comp. Ind. 59. 1876; Hook. f., Fl. Brit. Ind. 3: 257. 1881.  
Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL, BHUTAN, CHINA, TIBET, BURMA.
- Aster albescens** (DC.) Hand.-Mazz. var. **niveus** Hand.-Mazz. in Acta Hort. Gotob. 12: 208. 1938. *Microglossa albescens* (DC.) Clarke var. *nivea* Clarke ined. Herb. Kew; Grierson in Notes Roy. Bot. Gard. Edinb. 26: 109. 1964.  
Distrib.: INDIA: Assam; BHUTAN, CHINA.
- Aster albescens** (DC.) Hand.-Mazz. var. **glandulosus** Hand.-Mazz. in J. Bot. 76: 284. 1938; Grierson in Notes Roy. Bot. Gard. Edinb. 26: 109. 1964.

Distrib.: INDIA: E. Himalaya; TIBET,  
CHINA.

**Aster altaicus** Willd., Enum. Hort. Berol. 881. 1809; Hook. f., Fl. Brit. Ind. 3: 251. 1881. *Heteropappus altaicus* (Willd.) Novopkr. in Sched. ad Herb. Fl. Ross. 8: 193. 1922. *H. altaicus* (Willd.) Novopkr. var. *canescens* (Nees) Serg. in Krilov, Fl. W. Siberia 11: 226. 1949. *H. semiprostratus* Grierson in Notes Roy. Bot. Gard. Edinb. 26: 151. 1964.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN, AFGHANISTAN, BALUCHISTAN, IRAN, C. ASIA, CHINA.

**Aster asteroides** (DC.) O. Ktze., Rev. Gen. 315. 1891. *Heterochaeta asteroides* DC., Prodr. 5: 282. 1836; Hook. f., Fl. Brit. Ind. 3: 250. 1881. (as synonym under *Aster heterochaeta* Benth.).

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN, TIBET, W. CHINA.

**Aster barbellatus** Grierson in Notes Roy. Bot. Gard. Edinb. 26: 119. Pl. 12. 1964. *A. tricephalus auct. non* Clarke 1876.

Distrib.: INDIA: Sikkim; NEPAL, BHUTAN.

**Aster diplostephioides** (DC.) Clarke, Comp. Ind. 45. 1876; Hook. f., Fl. Brit. Ind. 3: 251. 1881. *Heterochaeta diplostephioides* DC., Prodr. 5: 282. 1836.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN, CHINA.

**Aster falconeri** (Clarke) Hutch. in Gard. Chron. Ser. 3, 47: 389. 1910. *A. diplostephioides* (DC.) Clarke var. *falconeri* Clarke, Comp. Ind. 45. 1876.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh.

**Aster falconeri** (Clarke) Hutch. subsp. **nepalensis** Grierson in Notes Roy. Bot. Gard. Edinb. 26: 141. 1964.

Distrib.: INDIA: Uttar Pradesh; NEPAL.

**Aster flaccidus** Bunge in Mem. Acad. Sci. St. Petersburg. 2: 599. 1835. *A. heterochaeta* Clarke, Comp. Ind. 44. 1876; Hook. f., Fl. Brit. Ind. 3: 250. 1881, *p. p.* *A. tibeticus* Hook. f., Fl. Brit. Ind. 3: 251. 1881. *p. p.*

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Arunachal Pradesh; AFGHANISTAN, PAKISTAN, CHINA.

**Aster flaccidus** Bunge subsp. **flaccidus**. *A. heterochaeta* Clarke, Comp. Ind. 44. 1876; Hook. f., Fl. Brit. Ind. 3: 250. 1881. *p. p.*

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, TIBET, ALTAI MOUNTAINS.

**Aster flaccidus** Bunge subsp. **flaccidus** f. **griseobarbatus** Grierson in Notes Roy. Bot. Gard. Edinb. 26: 131. 1964.

Distrib.: INDIA: Arunachal Pradesh, Sikkim; BHUTAN.

**Aster flaccidus** Bunge subsp. **glandulosus** (Keissl.) Onno in Bibl. Bot. 26 (106): 66. 1932. *A. flaccidus* Bunge var. *glandulosus* Keissl. in Ann. Nat. Hist. Hofmus. Wien 22: 26. 1907.

- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; TIBET, CHINA.
- Aster heliopsis** Grierson in Notes Roy Bot. Gard. Edinb. 26: 124. Pl. 13. 1964.
- Distrib.: INDIA: Sikkim; NEPAL, BHUTAN.
- Aster himalaicus** Clarke, Comp. Ind. 43. 1876; Hook. f., Fl. Brit. Ind. 3: 250. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh, Arunachal Pradesh, Sikkim; BHUTAN, BURMA, NEPAL, TIBET.
- Aster indamellus** Grierson in Notes Roy. Bot. Gard. Edinb. 26: 87. 1964. *A. pseudamellus* Hook. f., Fl. Brit. Ind. 3: 249. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; AFGHANISTAN, PAKISTAN.
- Aster laka** Clarke, Comp. Ind. 49. 1876; Hook. f., Fl. Brit. Ind. 3: 253. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh.
- Aster molliusculus** (Lindl. ex DC.) Clarke, Comp. Ind. 45. 1876; Hook. f., Fl. Brit. Ind. 3: 251. 1881. *Diplopappus molliusculus* Lindl. ex DC., Prodr. 5: 277. 1836.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; PAKISTAN, CHINA.
- Aster molliusculus** (Lindl. ex DC.) Clarke var. **molliusculus**.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN.
- Aster molliusculus** (Lindl. ex DC.) Clarke var. **minor** Grierson in Notes Roy. Bot. Gard. Edinb. 26: 115. 1964.
- Distrib.: INDIA: Himachal Pradesh.
- Aster neo-elegans** Grierson in Notes Roy. Bot. Gard. Edinb. 26: 118. 1964. *A. elegans* Hook. f. & Thoms. ex Clarke, Comp. Ind. 44. 1876 p.p. *A. tricephalus auct. non* Clarke; Hook. f., Fl. Brit. Ind. 3: 250. 1881. p. p.
- Distrib.: INDIA: Sikkim, Eastern Himalaya.
- Aster peduncularis** Wall. ex Nees, Gen. et Sp. Ast. 24. 1832. *Aster asperulus* (DC.) Hook. f., Fl. Brit. Ind. 3: 252. 1881. *Amphiraphis peduncularis* DC., Prodr. 5: 344. 1836.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Manipur.
- Aster pilosus** Willd. var. **demotus** Blake in Rhodora 32: 129. 1930; Kaul in J. Bombay Nat. Hist. Soc. 72: 609. 1975.
- Distrib.: INDIA: Jammu & Kashmir.
- Aster pycnophyllus** W.W. Smith in Notes Roy. Bot. Gard. Edinb. 8: 332. 1915.
- Distrib.: INDIA: N.E. India, Nagaland; BURMA, CHINA, TIBET
- Aster sikkimensis** Hook. in Bot. Mag. t. 4557. 1851; Hook. f., Fl. Brit. Ind. 3: 252. 1881.
- Distrib.: INDIA: Sikkim, W. Bengal.
- Aster stracheyi** Hook. f., Fl. Brit. Ind. 3: 250. 1881.
- Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN.

**Aster thomsonii** Clarke, Comp. Ind. 48. 1876; Hook. f., Fl. Brit. Ind. 3: 252. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN.

**Aster tibeticus** Hook. f., Fl. Brit. Ind. 3: 251. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; AFGHANISTAN, TIBET.

**Aster tricephalus** Clarke. Comp. Ind. 43. 1876; Hook. f., Fl. Brit. Ind. 3: 210. 1881 p. p.

Distrib.: INDIA: Sikkim, West Bengal, Arunachal Pradesh; NEPAL, BHUTAN, TIBET.

**Aster vestitus** Franch. in J. de Bot. 10: 378. 1896; Grierson in Notes Roy. Bot. Gard. Edinb. 26: 89. 1964.

Distrib.: INDIA: Sikkim; CHINA, TIBET.

**ATHROISMA** DC., Arch. Bot. 2: 516. 1833.

**Athroisma laciniatum** DC., Prodr. 5: 369. 1836; Hook. f., Fl. Brit. Ind. 3: 276. 1881.

Distrib.: INDIA: Assam, Meghalaya, West Bengal, Bihar; BURMA, JAVA.

**BELLIS** L., Sp. Pl. 886. 1753.

**Bellis perennis** L., Sp. Pl. 886. 1753.

Distrib.: Cultivated in gardens and often found as an escape.

**BIDENS** L., Sp. Pl. 831. 1753.

**Bidens bipinnata** L., Sp. Pl. 832. 1753. *B. pilosa* var. *bipinnata* (L.) Hook. f., Fl. Brit. Ind. 3: 309. 1881.

Distrib.: INDIA: Jammu & Kashmir; Cosmopolitan weed. Tropical regions.

**Bidens biternata** (Lour.) Merr. & Sherff. in B. Gaz. 88: 293. 1929. *Coreopsis biternata* Lour., Fl. Cochinch. 508. 1790. *Bidens pilosa auct. non* L.; Hook. f., Fl. Brit. Ind. 3: 309. 1881 p. p.

Distrib.: INDIA: Throughout India; wide spread in AFRICA, ASIA, AUSTRALIA, SRI LANKA.

**Bidens cernua** L., Sp. Pl. 832. 1753; Hook. f., Fl. Brit. Ind. 3: 309. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; N. ASIA, Middle EUROPE, N. AMERICA. wide spread in N. Hemisphere.

**Bidens comosa** (Gray) Wiegand in Bull. Torrey Bot. Club 436. 1897; Mathur & Uniyal in J. Econ. Tax. Bot. 6 (2): 405. 1986.

Distrib.: INDIA: Himachal Pradesh.

**Bidens humilis** H.B. & K., Nov. Gen. Sp. 4: 234. 1820.

Distrib.: INDIA: Tamilnadu; an introduction from the highlands of tropical America.

**Bidens minima** Huds. Fl. Ang. 310. 1762; Kake & Javeid in Curr. Sci. 44 (12): 644. 1975.

Distrib.: INDIA: Jammu & Kashmir.

**Bidens pilosa** L., Sp. Pl. 832. 1753. *B. chinensis auct. non* Willd.; Hook. f., Fl. Brit. Ind. 3: 309. 1881.

Distrib.: INDIA: Throughout India.

ascending the Himalaya and other mountains to 2,000 m; All warm countries. Pantropic weed. AMERICA..

**Bidens pilosa** L. var. **minor** (Bl.) Sherff. in B. Gaz. 80: 387. 1925. *B. sundaica* var. *minor* Bl., Bijdr. 914. 1826.

Distrib.: INDIA: Throughout India. A pantropic weed.

**Bidens sulphurea** (Cav.) Shultz-Bip. in Seemann, B. Voy. Herald 308. 1856. *Cosmos sulphureus* Cav. Ic. Descr. Pl. 1: 56, t. 79. 1791; Burkill in Rec. Bot. Surv. Ind. 4: 115. 1910.

Distrib.: Cultivated. S. AMERICA & AFRICA. Native of Mexico.

**Bidens tetraspinosa** Kake & Javeid in J. Bombay Nat. Hist. Soc. 79: 175. 1982.

Distrib.: INDIA: Jammu & Kashmir.

**Bidens tripartita** L., Sp. Pl. 831. 1753; Hook. f., Fl. Brit. Ind. 3: 309. 1881. *p. p.*

Distrib.: INDIA: W. Himalaya and C. Himalaya; EUROPE; U.S.S.R.

**Bidens tripartita** L. var. **repens** (D. Don) Sherff. B. Gaz. 81: 45. 1926; Lauener in Notes Roy. Bot. Gard. Edinb. 34: 351. 1975. *B. repens* D. Don, Prodr. Fl. Nep. 180. 1825. *B. tripartita* sensu Hook. f., Fl. Brit. Ind. 3: 309. 1881 *p. p.*

Distrib.: INDIA: Western Himalaya; NEPAL, W. TIBET, N. ASIA, JAPAN, Westwards to N. AFRICA, W. EUROPE AND N. AMERICA.

**BLAINVILLEA** Cass., Dict. Sci. Nat. 29: 493. 1823.

**Blainvillea acmella** (L.) Philipson in Blumea 6: 350. 1950. *Verbesina acmella* L., Sp. Pl. 901. 1753. *Eclipta latifolia* L. f. Suppl. 378. 1781. *Blainvillea latifolia* (L. f.) DC. ex Wight, Contrib. Bot. Ind. 71. 1834; Hook. f., Fl. Brit. Ind. 3: 305. 1881.

Distrib.: INDIA: Western India, Upper Gangetic Plains. Westwards ascending to 1600 m in Kumaon; ASIA, AFRICA, AMERICA, AUSTRALIA, SRI LANKA.

**BLEPHARISPERMUM** DC. in Wight Contrib. Bot. Ind. 11. 1834.

**Blepharispermum petiolare** DC. in Wight, Contrib. Bot. Ind. 12. 1834; Hook. f., Fl. Brit. Ind. 3: 276. 1881.

Distrib.: INDIA: Tamilnadu, Kerala; SRI LANKA.

**Blepharispermum subsessile** DC. in Wight, Contrib. Bot. Ind. 12. 1834; Hook. f., Fl. Brit. Ind. 3: 276. 1881.

Distrib.: INDIA: Madhya Pradesh, Tamilnadu, Karnataka, Maharashtra. Endemic.

**BLUMEA** DC. in Guill., Arch. Bot. 2: 514. 1833. *nom. cons.*

**Blumea aromatica** DC., Prodr. 5: 446. 1836; Hook. f., Fl. Brit. Ind. 3: 270. 1881; Randeria in Blumea 10: 230. 1960.

Distrib.: INDIA: Uttar Pradesh, Sikkim, Assam, West Bengal; NEPAL, BHUTAN, BURMA, THAILAND, CAMPUCHEA, CHINA.

**Blumea atropurpurea** Haines, Bot. Bihar & Orissa 469. t. 4. 1922.

Distrib.: INDIA: Bihar, Orissa. Endemic.

**Blumea balsamifera** (L.) DC., Prodr. 5: 447. 1836; Hook. f., Fl. Brit. Ind. 3: 270. 1881; *Randeria* in *Blumea* 10: 237. 1960. *Conyza balsamifera* L., Sp. Pl. ed. 2, 1208. 1763.

Distrib.: INDIA: Sikkim, Assam, W. Bengal, Andaman and Nicobar Islands; PAKISTAN, NEPAL, BANGLADESH, BURMA, MALAYA, SINGAPORE, THAILAND, CHINA, TAIWAN, PHILIPPINES, JAVA.

**Blumea barbata** DC. in Wight, Contrib. Bot. Ind. 14. 1834; Hook. f., Fl. Brit. Ind. 3: 362. 1881; *Randeria* in *Blumea* 10: 267. 1960.

Distrib.: INDIA: Tamilnadu, Karnataka, Kerala; SRI LANKA.

**Blumea belangeriana** DC., Prodr. 5: 444. 1836; Hook. f., Fl. Brit. Ind. 3: 266. 1881; *Randeria* in *Blumea* 10: 277. 1960.

Distrib.: INDIA: Western Ghats, Karnataka, Maharashtra, Nagaland.

**Blumea bifoliata** (L.) DC. in Wight, Contrib. Bot. Ind. 14. 1834; Hook. f., Fl. Brit. Ind. 3: 261. 1881; *Randeria* in *Blumea* 10: 288. 1960. *Conyza bifoliata* L., Sp. Pl. ed. 2. 1207. 1763.

Distrib.: INDIA: Uttar Pradesh, Assam, West Bengal, Madhya Pradesh, Orissa, Tamilnadu, Karnataka, Maharashtra; PAKISTAN, BURMA, SRI LANKA.

**Blumea bovei** (DC.) Vatke in *Linnaea* 39: 485. 1875. *Conyza bovei* DC., Ann. Sci. Nat. Bot. 261. 1834.

Distrib.: INDIA: Gujarat.

**Blumea clarkei** Hook. f., Fl. Brit. Ind. 3: 267. 1881; *Randeria* in *Blumea* 10: 252. 1960. *B. malabarica* Hook. f., Fl. Brit. Ind. 3: 267. 1881.

Distrib.: INDIA: Sikkim, Assam, Maharashtra, Peninsular India, Andaman & Nicobar Islands; BURMA, CHINA, CAMPUCHEA, SUMATRA, PHILIPPINES.

**Blumea densiflora** DC., Prodr. 5: 446. 1836; Hook. f., Fl. Brit. Ind. 3: 269. 1881; *Randeria* in *Blumea* 10: 234. 1960.

Distrib.: INDIA: Himachal Pradesh, Assam; BANGLADESH, BURMA, MALAYA, CAMPUCHEA, FIJI ISLANDS.

**Blumea eriantha** DC. in Wight, Contrib. Bot. Ind. 15. 1834; Hook. f., Fl. Brit. Ind. 3: 266. 1881; *Randeria* in *Blumea* 10: 279. 1960.

Distrib.: INDIA: Uttar Pradesh, Madhya Pradesh, Bihar, Orissa, Tamilnadu, Maharashtra, Goa, Rajasthan.

**Blumea fistulosa** (Roxb.) Kurz in *J. Asiat. Soc. Bengal* 46 (2): 187. 1877; *Randeria* in *Blumea* 10: 256. 1960. *Conyza fistulosa* Roxb., Fl. Indica 3: 429. 1832. *Blumea glomerata* DC. in Wight, Contrib. Bot. Ind. 15. 1834; Hook. f., Fl. Brit. Ind. 3: 262. 1881. *B. nodiflora* Hook. f., Fl. Brit. Ind. 3: 262. 1881.

Distrib.: INDIA: Uttar Pradesh, Sikkim, West Bengal, Assam, Bihar, Orissa, Madhya Pradesh, Tamilnadu, Maharashtra, Goa, Gujarat; NEPAL, BHUTAN, CHINA, BURMA, THAILAND, INDO-CHINA, JAVA, PHILIPPINES.

**Blumea hieraciifolia** (D. Don) DC. in Wight,



Contrib. Bot. Ind. 15. 1834; Hook. f., Fl. Brit. Ind. 3: 263. 1881; *Randeria* in *Blumea* 10: 246. 1960. *Erigeron hieracifolium* D. Don, Prodr. Fl. Nepal. 272. 1825. *Blumea sericans* Hook. f., Fl. Brit. Ind. 3: 262. 1881.

Distrib.: INDIA: W. Himalaya, Uttar Pradesh, Bengal, Assam, Tamil nadu, Karnataka, Kerala; NEPAL, BANGLADESH, BURMA, CHINA, THAILAND, INDONESIA, PHILIPPINES, NEW GUINEA, JAVA, AUSTRALIA.

***Blumea hieraciifolia*** (D. Don) DC. var. ***flexuosa*** (Clarke) *Randeria* in *Blumea* 10: 249. 1960. *B. flexuosa* Clarke, Comp. Ind. 86. 1876. *B. flexuosa* Clarke var. *peninsularis* Hook. f., Fl. Brit. Ind. 3: 267. 1881. *B. flexuosa* Clarke var. *zeylanica* Hook. f., Fl. Brit. Ind. 3: 267. 1881.

Distrib.: INDIA: Tamilnadu, Karnataka, Maharashtra; SRI LANKA.

***Blumea hieraciifolia*** (D. Don) DC. var. ***hamiltoni*** (DC.) Clarke, Comp. Ind. 82. 1876; Hook. f., Fl. Brit. Ind. 3: 263. 1881; *Randeria* in *Blumea* 10: 249. 1960. *B. hamiltoni* DC., Prodr. 5: 439. 1836.

Distrib.: INDIA: W. Himalaya, Uttar Pradesh, Assam, W. Bengal, Orissa, Tamilnadu; CHINA, BURMA, SUMATRA; CAMPUCHEA, THAILAND.

***Blumea hieraciifolia*** (D. Don) DC. var. ***macrostachya*** (DC.) Hook. f., Fl. Brit. Ind. 3: 263. 1881; *Randeria* in *Blumea* 10: 248. 1960. *B. macrostachya* DC., Prodr. 5: 442. 1836.

Distrib.: INDIA: Assam, W. Bengal, Maharashtra, Karnataka, Tamilnadu; BURMA, NEPAL, CHINA,

CAMPUCHEA, PHILIPPINES, INDO MALAYASIA.

***Blumea hookeri*** Clarke ex Hook. f., Fl. Brit. Ind. 3: 269. 1881.

Distrib.: INDIA: Sikkim, Meghalaya, Andaman & Nicobar Islands.

***Blumea junghuhniana*** (Miq.) Boerl., Hand. Fl. Med. Ind. 2 (1): 239. 1891. *Conyza junghuhniana* Miq. in Pl. Jungh. 449. 1855.

Distrib.: INDIA: Andaman & Nicobar Islands; INDONESIA, NEW GUINEA.

***Blumea lacera*** (Burm. f.) DC. in Wight, Contrib. Bot. Ind. 14. 1834; Hook. f., Fl. Brit. Ind. 3: 263. 1881; *Randeria* in *Blumea* 10: 264. 1960. var. ***lacera***. *Conyza lacera* Burm. f., Fl. Ind. 180. t. 59. f. 1. 1768. *B. subcapitata* DC., Prodr. 5: 439. 1836; Hook. f., Fl. Brit. Ind. 3: 261. 1881. *B. lacera* DC. var. *cinerascens* (DC.) Hook. f., Fl. Brit. Ind. 3: 263. 1881.

Distrib.: INDIA: Uttar Pradesh, Assam, W. Bengal, Bihar, Madhya Pradesh, Orissa, Tamilnadu, Karnataka, Maharashtra, Andaman & Nicobar Islands; NEPAL, BHUTAN, CHINA, S.E. ASIA, SRI LANKA, NEW GUINEA to N. AUSTRALIA, TROPICAL AFRICA.

***Blumea lacera*** (Burm. f.) DC. var. ***glandulosa*** Hook. f., Fl. Brit. Ind. 3: 263. 1881. *B. glandulosa* DC. in Wight, Contrib. Bot. Ind. 14. 1834.

Distrib.: INDIA: South India; CAMPUCHEA.

***Blumea laciniata*** (Roxb.) DC., Prodr. 5: 436. 1836; Hook. f., Fl. Brit. Ind. 3: 264. 1881;

*Randeria* in *Blumea* 10: 258. 1960. *Conyza laciniata* Roxb., *Fl. Indica* 3: 428. 1832.

Distrib.: INDIA: Throughout India;  
CHINA, BANGLADESH.  
BURMA, SRI LANKA,  
THAILAND, JAVA,  
PHILIPPINES, EGYPT, AFRICA.

*Blumea lanceolaria* (Roxb.) Druce, *Rep. Bot. Exch. Club. Brit. Isles* 4: 609. 1917; *Randeria* in *Blumea* 10: 218. 1960. var. *lanceolaria*. *Conyza lanceolaria* Roxb., *Fl. Indica* 3: 432. 1832. *B. myriocephala* DC., *Prodr.* 5: 445. 1836; Hook. f., *Fl. Brit. Ind.* 3: 269. 1881.

Distrib.: INDIA: Uttar Pradesh, Sikkim, Assam, W. Bengal, Madhya Pradesh, Tamilnadu, Kerala, Andaman & Nicobar Islands; CHINA, BANGLADESH, BURMA, SRI LANKA, SUMATRA, JAVA, CAMPUCHEA, PHILIPPINES, RYUKU ARCHIPELAGO.

*Blumea lanceolaria* (Roxb.) Druce var. *spectabilis* (DC.) *Randeria* in *Blumea* 10: 220. 1960. *B. spectabilis* DC., *Prodr.* 5: 445. 1836; Hook. f., *Fl. Brit. Ind.* 3: 269. 1881. *B. spectabilis* DC. var. *longifolia* Hook. f., *Fl. Brit. Ind.* 3: 269. 1881.

Distrib.: INDIA: Western Ghats, Karnataka, Kerala; SRI LANKA, COCHINCHINA, TAIWAN, PHILIPPINES.

*Blumea malcolmii* (Clarke) Hook. f., *Fl. Brit. Ind.* 3: 266. 1881; *Randeria* in *Blumea* 10: 278. 1960. *Pluchea malcolmii* Clarke, *Comp. Ind.* 95. 1876.

Distrib.: INDIA: Karnataka, Maharashtra, Madhya Pradesh, Nagarhaveli.

*Blumea martiniana* Vaniot in *Bull. Acad. Bot.* 12: 26. 1903. *B. henryi* Dunn. in *J. Linn. Soc.* 35: 503. 1903; *Randeria* in *Blumea* 10: 233. 1960.

Distrib.: INDIA: Arunachal Pradesh; CHINA, INDOCHINA.

*Blumea membranacea* DC., *Prodr.* 5: 440. 1836; Hook. f., *Fl. Brit. Ind.* 3: 265. 1881; *Randeria* in *Blumea* 10: 269. 1960. var. *membranacea*.

Distrib.: INDIA: Throughout India in plains. Andaman & Nicobar Islands, Nagaland; PAKISTAN, SRI LANKA, BURMA, CHINA, MALAYA, INDONESIA, CAMPUCHEA, THAILAND, TAIWAN.

*Blumea membranacea* DC. var. *gardneri* Hook. f., *Fl. Brit. Ind.* 3: 265. 1881.

Distrib.: INDIA: Tamilnadu; SRI LANKA.

*Blumea membranacea* DC. var. *gracilis* (DC.) Hook. f., *Fl. Brit. Ind.* 3: 265. 1881. *B. gracilis* DC., *Prodr.* 5: 443. 1836.

Distrib.: INDIA: Tamilnadu.

*Blumea membranacea* DC. var. *jacquemontii* (Hook. f.) *Randeria* in *Blumea* 10: 271. 1960. *B. jacquemontii* Hook. f., *Fl. Brit. Ind.* 3: 265. 1881. *B. kingii* Clarke ex Hook. f., *Fl. Brit. Ind.* 3: 265. 1881.

Distrib.: INDIA: Uttar Pradesh, W. Bengal, Bihar, Madhya Pradesh, Orissa, Tamilnadu, Maharashtra, Rajasthan.

*Blumea membranacea* DC. var. *muralis* (DC.) Hook. f., *Fl. Brit. Ind.* 3: 265. 1881. *B. muralis* DC., *Prodr.* 5: 440. 1836.

Distrib.: INDIA: Maharashtra, W. Bengal.

**Blumea membranacea** DC. var. **subsimplex** (DC.) Hook. f., Fl. Brit. Ind. 3: 265. 1881. *B. subsimplex* DC., Prodr. 5: 441. 1836. *B. paucifolia* DC., Prodr. 5: 440. 1836.

Distrib.: INDIA: Throughout India; PAKISTAN.

**Blumea mollis** (D. Don) Merr. in Philip. J. Sci. (Bot.) 5: 395. 1910; Randeria in *Blumea* 10: 261. 1960. *Erigeron molle* D. Don, Prodr. Fl. Nepal. 172. 1825. *Blumea wightiana* DC. in Wight, Contrib. Bot. Ind. 14. 1834; Hook. f., Fl. Brit. Ind. 3: 261. 1881.

Distrib.: INDIA: Throughout India. Andaman & Nicobar Island; SRI LANKA, BURMA, PAKISTAN, CHINA, INDONESIA, CAMPUCHEA, PHILIPPINES, AFRICA.

**Blumea obliqua** (L.) Druce, Rep. Bot. Exch. Club. Brit. Isles 4: 609. 1916 (1917); Randeria in *Blumea* 10: 286. 1960. *Erigeron obliquum* L., Mant. Pl. 2: 573. 1771. *Blumea amplexens* DC. in Wight, Contrib. Bot. Ind. 13. 1834. *B. amplexens* DC. var. *tenella* & var. *pubiflora* (DC.) Hook. f., Fl. Brit. Ind. 3: 260. 1881.

Distrib.: INDIA: Uttar Pradesh, Assam, W. Bengal Madhya Pradesh, Tamilnadu. Karnataka, Maharashtra, Gujarat, Rajasthan, Punjab, Goa, Andaman & Nicobar Islands; PAKISTAN, SRI LANKA.

**Blumea obliqua** (L.) Druce var. **arenaria** (DC.) Giri et Mitra in Ind. J. For. 7 (2): 143. 1981. *B. arenaria* DC. in Wight, Contrib. Bot. Ind. 13. 1834. *B. amplexens* DC. var. *arenaria* (DC.) Hook. f., Fl. Brit. Ind. 3: 260. 1881.

Distrib.: INDIA: Madhya Pradesh, Tamilnadu, Andhra Pradesh; SRI LANKA.

**Blumea obliqua** (L.) Druce var. **maritima** (Clarke ex Hook. f.) Giri et Mitra in Ind. J. For. 7: 143. 1981. *B. amplexens* DC. var. *maritima* Clarke ex Hook. f., Fl. Brit. Ind. 3: 260. 1881.

Distrib.: INDIA: Tamilnadu, Andhra Pradesh, Maharashtra, Rajasthan, Andaman & Nicobar Islands; PAKISTAN, BURMA.

**Blumea oxyodonta** DC. in Wight, Contrib. Bot. Ind. 15. 1834; Hook. f., Fl. Brit. Ind. 3: 266. 1881; Randeria in *Blumea* 10: 280. 1960.

Distrib.: INDIA: Throughout India; BURMA, PAKISTAN, INDOCHINA, CHINA, PHILIPPINES.

**Blumea procera** DC., Prodr. 5: 445. 1836; Hook. f., Fl. Brit. Ind. 3: 268. 1881; Randeria in *Blumea* 10: 212. 1960.

Distrib.: INDIA: Sikkim, Assam, Andaman & Nicobar Islands; BANGLADESH, BURMA, INDOCHINA, CHINA, NEPAL.

**Blumea riparia** (Bl.) DC., Prodr. 5: 444. 1836; Randeria in *Blumea* 10: 213. 1960. *Conyza riparia* Blume, Bijdr. 899. 1826 non H.B.K. *Blumea chinensis* DC., Prodr. 5: 444. 1836 *p.p. non Conyza chinensis* L; Hook. f., Fl. Brit. Ind. 3: 268. 1881.

Distrib.: INDIA; Assam, Sikkim, Andaman & Nicobar Islands; BURMA, CHINA, MALAYA, CAMPUCHEA, JAVA, PHILIPPINES. INDONESIA, NEW GUINEA and SOLOMON ISLANDS.

**Blumea riparia** (Bl.) DC. var. **megacephala**  
Randeria in *Blumea* 10: 215. 1960.

Distrib.: INDIA: Nagaland; JAPAN.

**Blumea sessiliflora** Decne., *Nouv. Ann. Mus. Par.* 3: 140. 1834; Randeria in *Blumea* 10: 257. 1960.

Distrib.: INDIA: Orissa, Karnataka, Maharashtra, Peninsular India, Andaman & Nicobar Islands; THAILAND, BURMA, INDOCHINA, CHINA, INDONESIA.

**Blumea sikkimensis** Hook. f., *Fl. Brit. Ind.* 3: 268. 1881.

Distrib.: INDIA: Sikkim. Endemic.

**Blumea squarrosa** DC., *Prodr.* 5: 445. 1836; Kanjilal *et al.*, *Fl. Assam* 3: 113. 1938.

Distrib.: INDIA: N.E. India.

**Blumea venkataramanii** Rolla Rao *et Hemadri* in *Curr. Sci.* 42 (19): 693. 1973.

Distrib.: INDIA: Maharashtra. Endemic.

**Blumea virens** DC. in Wight, *Contrib. Bot. Ind.* 14. 1834; Hook. f., *Fl. Brit. Ind.* 3: 264. 1881; Randeria in *Blumea* 10: 272. 1960.

Distrib.: INDIA: Assam, W. Bengal, Madhya Pradesh, Orissa, Kerala, Karnataka, Maharashtra, Andaman & Nicobar Islands; SRI LANKA, PAKISTAN, BURMA, BHUTAN, CHINA, PHILIPPINES.

**Blumea virens** DC. var. **minor** Hook. f., *Fl. Brit. Ind.* 3: 264. 1881.

Distrib.: INDIA: Kerala, Andaman & Nicobar Islands.

**BLUMEOPSIS** Gagnep. in *Bull. Mus. Hist. Nat. Paris* 26: 75. 1920.

**Blumecopsis flava** (DC.) Gagnep. in *Bull. Mus. Hist. Nat. Paris* 26: 76. 1920. *Blumea flava* DC., *Prodr.* 5: 439. 1836. *Laggera flava* (DC.) Clarke, *Comp. Ind.* 90. 1876; Hook. f., *Fl. Brit. Ind.* 3: 270. 1881.

Distrib.: INDIA: Throughout Northern India, Sikkim, Bihar, Golkunda hills, Andaman & Nicobar Islands; BANGLADESH, BURMA, MALAYA.

**BOLTONIA** L' Herit. *Sert. Angl.* 27. 1788.

**Boltonia indica** (L.) Benth., *Fl. Hongk.* 174. 1861; Hook. f., *Fl. Brit. Ind.* 3: 249. 1881. *Aster indica* L., *Sp. Pl.* 876. 1753.

Distrib.: INDIA: Manipur; BURMA, CHINA.

**BRACHYACTIS** Ledeb., *Fl. Rossica* 2: 495. 1845.

**Brachyactis anomalum** (DC.) Kitam. in *Fl. E. Himal.* 3: 113. 1975. *Erigeron anomalum* DC., *Prodr.* 5: 293. 1836. *Brachyactis menthodora* Benth. in Hook. *lc. Pl.* 12, t. 1106. 1872; Hook. f., *Fl. Brit. Ind.* 3: 253. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, E. Himalaya; NEPAL, S. TIBET.

**Brachyactis pubescens** (DC.) Aitch. & Clarke in *J. Linn. Soc.* 18: 68. 1880. *Conyza pubescens* DC., *Prodr.* 5: 381. 1836. *Brachyactis robusta* Benth. in Hook. *lc. Pl.* 12: sub. t. 1106. 1872; Hook. f., *Fl. Brit. Ind.* 3: 254. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL, AFGHANISTAN, PAKISTAN.

**Brachyactis roylei** (DC.) Wendelbo in Nytt Mag. B. 1: 62. 1952. *Conyza roylei* DC., Prodr. 5: 381. 1836. *Brachyactis umbrosa* Benth. in Hook. Ic. Pl. 12: 6: sub. t. 1106. 1872; Hook. f., Fl. Brit. Ind. 3: 253. 1881.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, AFGHANISTAN, NEPAL, TIBET.

**BRACHYCOME** Cass., Dict. Sci. Nat. 37: 491. 1825.

**Brachycome assamica** Clarke, Comp. Ind. 40. 1776; Hook. f., Fl. Brit. Ind. 3: 248. 1881.

Distrib.: INDIA: N.E. India.

**BREEA** Less., Syn. Comp. 9. 1832.

**Breea arvensis** (L.) Less., Syn. Comp. 9. 1832. *Serratula arvensis* L., Sp. Pl. 820. 1753. *Cnicus arvensis* (L.) Roth, Catalecta B. 1: 115. 1797; Clarke, Comp. Ind. 216. 1876; Hook. f., Fl. Brit. Ind. 3: 362. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, W. Bengal, Punjab; ASIA, EUROPE, N. AMERICA.

**CACALIA** L., Sp. Pl. 834. 1753.

**Cacalia chenopodifolia** (DC.) Kitam. ex Koyama in Mem. Fac. Sci. Kyoto Univ. Ser. Biol. 2 (2): 170. 1969. *Senecio chenopodifolius* DC., Prodr. 6: 364. 1838; Hook. f., Fl. Brit. Ind. 3: 354. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; BHUTAN.

**Cacalia chola** (W.W. Smith) R. Mathur *Comb. nov.* *Basionym: Senecio chola* W.W. Smith in J. As. Soc. Bengal n.s. 7: 72. 1911.

Distrib. : INDIA: Sikkim.

**Cacalia levingii** (Clarke) R. Mathur, *Comb. nov.* *Basionym: Senecio levingii* Clarke, Comp. Ind. 301. 1876.

Distrib. : INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh.

**Cacalia mortonii** (Clarke) Kitam. ex Koyama in Mem. Fac. Sci. Kyoto Univ. Ser. Biol. 2(2): 166. 1969. *Senecio mortoni* Clarke, Comp. Ind. 208. 1876; Hook. f. Fl. Brit. Ind. 3: 349. 1881.

Distrib.: INDIA: Arunachal Pradesh, Sikkim; NEPAL, BHUTAN.

**Cacalia pentaloba** Hand.-Mazz. in Acta H. Gotob. 12. 298. 1938. *Senecio quinquelobus* (DC.) Hook. f. & Thoms. in Clarke, Comp. Ind. 209. 1876; Hook. f., Fl. Brit. Ind. 3: 353. 1881. *Prenanthes quinquelobus* DC., Prodr. 6: 404. 1838. *Senecio bhutanicus* Balakr. in J. Bombay Nat. Hist. Soc. 67: 61. 1970. *Senecio himalayensis* Mukherjee in Rec. Bot. Surv. Ind. 20 (2): 131. 1973. *S. duthie* Rau in High Alt. Fl. Pl. 135. 1975.

Distrib.: INDIA: Uttar Pradesh; BHUTAN, BURMA, CHINA.

**CAESULIA** Roxb., Pl. Corom. 1: 64: 1798.

**Caesulia axillaris** Roxb., Pl. Corom. 1: 64. t. 93. 1798; Hook. f., Fl. Brit. Ind. 3: 291. 1881.

Distrib.: INDIA: Uttar Pradesh, Madhya Pradesh, Rajasthan, Punjab, W. Bengal, Bihar, Orissa, Andhra Pradesh, Karnataka, Maharashtra, Goa; BANGLADESH, BURMA, NEPAL, PAKISTAN.

- CALENDULA** L., Sp. Pl. 921. 1753.  
**Calendula arvensis** L., Sp. Pl. ed. 2, 1303. 1763; Hook. f., Fl. Brit. Ind. 3: 358. 1881.  
 Distrib.: INDIA: Jammu & Kashmir; S. EUROPE, W. ASIA, CHINA.
- Calendula officinalis** L., Sp. Pl. 921. 1753; Hook. f., Fl. Brit. Ind. 3: 357. 1881.  
 Distrib.: INDIA: Throughout India (cultivated); PAKISTAN, AFGHANISTAN. CHINA, EUROPE.
- CALOTIS** R. Br., Bot. Reg. t. 504. 1820.  
**Calotis hispidula** (F. Muell.) F. Muell. in Trans. Vist. Inst. 129. 1853; Sharma & Jamwal in Ind. J. For. 7: 333. 1984.  
 Distrib.: INDIA: Jammu & Kashmir.
- CARDUUS** L., Sp. Pl. 820. 1753.  
**Carduus edelbergii** Rech. f. in K. Denske vid Selsk. Biol. Skr. 8 (2): 175. 1955.  
 Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, AFGHANISTAN.
- Carduus edelbergii** Rech. f. subsp. **lanatus** Kazmi in Mitt. Bot. Staat. Munchen Band 5: 347. Dec. 1964. *Cnicus nutans auct. non* L.; Hook. f., Fl. Brit. Ind. 3: 361. 1881.  
 Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN, AFGHANISTAN.
- Carduus kumaonensis** (J. Ar.) Kazmi in Mit. Bot. Staat. Munchen Band 5: 364. Dec. 1964. *C. crispus* subsp. *kumaonensis* J. Ar. in Mem. Mus. Nat. Hist. Nouv. Ser. 24: 189. 1949; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 727. 1972.  
 Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; PAKISTAN.
- Carduus pycnocephalus** L., Sp. Pl. 1151. 1753; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 727. 1972.  
 Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN.
- Carduus tenuiflorus** Curtis, Fl. Lond. fasc. 6: Pl. 55. 1790-98; Azad & Javeid in J. Bombay Nat. Hist. Soc. 75 (1): 249. 1978.  
 Distrib.: INDIA: Jammu & Kashmir; EUROPE, CHINA.
- CARPESIUM** L., Sp. Pl. 859. 1753.  
**Carpesium abrotanoides** L., Sp. Pl. 860. 1753; Hook. f., Fl. Brit. Ind. 3: 301. 1881.  
 Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; PAKISTAN, IRAN, NEPAL, JAPAN, CHINA, AUSTRIA.
- Carpesium nepalense** Less. in Linnaea 6: 234. 1831 var. **nepalense**. *C. cernuum non* L., sensu Hook. f., Fl. Brit. Ind. 3: 301. 1881. *C. cernuum* L. var. *glandulosum* Hook. f., Fl. Brit. Ind. 3: 301. 1881.  
 Distrib.: INDIA: Temperate Himalaya, Tamilnadu; NEPAL, CAUCASUS, FRANCE, JAPAN, JAVA, CHINA, TAIWAN.
- Carpesium nepalense** Less. var. **ciliatum** (Hook. f.) S. Kumar, *Comb. nov. Basionym: C. cernuum* L. var. *ciliatum* Hook. f., Fl. Brit. Ind. 3: 301. 1881.  
 Distrib.: INDIA: Kerala. Endemic.
- Carpesium nepalense** Less. var. **griffithii**



(Hook. f.) S. Kumar, *Comb. nov. Basionym:*  
*C. cernuum* L. var. *griffithii* Hook. f., Fl.  
Brit. Ind. 3: 301. 1881.

Distrib.: INDIA: Arunachal Pradesh.  
Endemic.

***Carpesium nepalense*** Less. var. ***nilagiricum***  
(Clarke) S. Kumar, *Comb. nov. Basionym:*  
*C. cernuum* L. var. *nilagiricum* Clarke, Comp.  
Ind. 131. 1876; Hook. f., Fl. Brit. Ind. 3:  
301. 1881.

Distrib.: INDIA: Tamilnadu. Endemic.

***Carpesium nepalense*** Less. var. ***pedunculosa***  
(Clarke) S. Kumar, *Comb. nov. Basionym:*  
*C. cernuum* L. var. *pedunculosa* Clarke,  
Comp. Ind. 130. 1876; Hook. f., Fl. Brit.  
Ind. 3: 301. 1881.

Distrib.: INDIA: W. Himalaya.

***Carpesium nepalense*** Less. var. ***lanatum***  
(Thoms. ex Clarke) Kitam. in Fl. East.  
Himal. 335. 1966. *Carpesium cernuum* L.  
var. *lanatum* Thoms. ex Clarke, Comp. Ind.  
130. 1876; Hook. f., Fl. Brit. Ind. 3: 301.  
1881.

Distrib.: INDIA: Meghalaya, Sikkim.

***Carpesium trachelifolium*** Less. in Linnaea  
6: 233. 1831; Hook. f., Fl. Brit. Ind. 3: 301.  
1881. *C. cernuum* L. var. *trachelifolium*  
(Less.) Clarke, Comp. Ind. 131. 1876.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh,  
Sikkim; NEPAL, PAKISTAN,  
CHINA.

**CARTHAMUS** L., Sp. Pl. 830. 1753.

***Carthamus lanatus*** L., Sp. Pl. 830. 1753;  
Hook. f., Fl. Brit. Ind. 3: 386. 1881.

Distrib.: INDIA: Jammu & Kashmir;  
PAKISTAN, W. ASIA, EUROPE.

***Carthamus oxyacantha*** M. Bieb., Fl. Taur.-  
Cauc. 2: 283. 1808; Hook. f., Fl. Brit. Ind.  
3: 386. 1881.

Distrib.: INDIA: Jammu & Kashmir,  
Madhya Pradesh, Rajasthan;  
PAKISTAN.

***Carthamus tinctorius*** L., Sp. Pl. 830. 1753;  
Hook. f., Fl. Brit. Ind. 3: 386. 1881.

Distrib.: Throughout India (cultivated);  
CHINA.

**CATAMIXIS** Thoms. in J. Linn. Soc. 9:  
343. 1867.

***Catamixis baccharoides*** Thoms. in J. Linn.  
Soc. 9: 343. t. 4. 1867; Hook. f., Fl. Brit.  
Ind. 3: 389. 1881.

Distrib.: INDIA: Uttar Pradesh, Haryana;  
NEPAL.

**CENIA** Juss., Gen. 183. 1789.

***Cenia turbinata*** Pers., Syn. Pl. 2: 463. 1807;  
Hook. f., Fl. Brit. Ind. 3: 266. 1881. (in  
note)

Distrib.: INDIA: Punjab (an escape from  
garden).

**CENTAUREA** L., Sp. Pl. 909. 1753.

***Centaurea bruguiseriana*** (DC.) Hand.-  
Mazz. in Ann. Nat. Hofmus. Wien. 27. 451.  
1913. *Tetramorphaea bruguiseriana* DC.,  
Prodr. 6: 604. 1838. *Centaurea phyllocephala*  
Boiss., Fl. Orient. 3: 684. 1875; Hook. f.,  
Fl. Brit. Ind. 3: 385. 1881.

Distrib.: INDIA: Punjab; PAKISTAN,  
AFGHANISTAN, Westwards to  
ASIA MINOR.

***Centaurea calcitrapa*** L., Sp. Pl. 917. 1753;  
Hook. f., Fl. Brit. Ind. 3: 385. 1881.

Distrib.: INDIA: Jammu & Kashmir, Karnataka; W. ASIA, EUROPE, CHINA, introduced in most parts of the world.

*Centaurea cyanus* L., Sp. Pl. 911. 1753; Hook. f., Fl. Brit. Ind. 3: 384. 1881.

Distrib.: Cultivated and often met with as an escape in waste places and roadsides. Native to Mediterranean region and EUROPE, CHINA.

*Centaurea depressa* M. Bieb. Fl. Taur. Cauc. 2: 346. 1808; Hook. f. Fl. Brit. Ind. 3: 385. 1881.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, AFGHANISTAN, Westwards to ASIA MINOR.

*Centaurea iberica* Trev. ex Spreng., Syst. 3: 106. 1826; Hook. f. Fl. Brit. Ind. 3: 385. 1881.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, AFGHANISTAN W. ASIA, S.E. EUROPE.

*Centaurea melitensis* L., Sp. Pl. 912. 1753; Hook. f., Fl. Brit. Ind. 3: 385. 1881.

Distrib.: INDIA: Tamilnadu (cultivated); Westwards to ATLANTIC.

*Centaurea pulchra* DC., Prodr. 6: 578. 1838; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pakistan 729. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**CENTIPEDA** Lour., Fl. Cochin. 492. 1790.

*Centipeda minima* (L.) A. Br. & Aschers., Ind. Sem. Fl. Berol. App. 6. 1867. *Artemisia minima* L., Sp. Pl. 849. 1753.

*Centipeda orbicularis* Lour., Fl. Cochin. 493. 1790; Hook. f., Fl. Brit. Ind. 3: 317. 1881.

Distrib.: INDIA: Throughout India; AFGHANISTAN, EASTERN CHINA, MALAY PENINSULA, Tropical ASIA, AUSTRALIA, PACIFIC ISLANDS, NEPAL, SRI LANKA.

**CENTRATHERUM** Cass. in Bull. Soc. Philom. 1817: 31. 1817.

*Centratherum punctatum* Cass., Dict. Sci. Nat. 7: 384. 1817. var. *punctatum*.

Distrib.: INDIA: W. Bengal (introduced).

**CHONDRILLA** L., Sp. Pl. 796. 1753.

*Chondrilla graminea* M. Bieb., Fl. Taur.-Cauc. 2: 244. 1808; Hook. f., Fl. Brit. Ind. 3: 402. 1881.

Distrib.: INDIA: Jammu & Kashmir; TIBET.

*Chondrilla graminea* var. *kashmiriana* Hook. f., Fl. Brit. Ind. 3: 402. 1881.

Distrib.: INDIA: Jammu & Kashmir.

*Chondrilla pauciflora* Ledeb., Fl. Alt. 4: 141. 1833.

Distrib.: INDIA: Jammu & Kashmir.

*Chondrilla setulosa* Clarke ex Hook. f., Fl. Brit. Ind. 3: 402. 1881.

Distrib.: INDIA: Jammu & Kashmir.

**CHROMOLAENA** DC., Prodr. 5: 133. 1836.

**Chromolaena odorata** (L.) King & Robinson in *Phytologia* 20: 204. 1970. *Eupatorium odoratum* L., *Syst. Nat.* ed. 10(2), 1205. 1759; Hook. f., *Fl. Brit. Ind.* 3: 244. 1881.

Distrib.: INDIA: Throughout India: TROPICAL ASIA, AMERICA, BRITISH HONDURAS.

**CHRYSANTHELLUM** L.C. Richard in *Pers.*, *Syn. Pl.* 2: 471. 1807.

**Chrysanthellum indicum** DC. *Prodr.* 5: 631. 1836; Hook. f., *Fl. Brit. Ind.* 3: 310. 1881.

Distrib.: INDIA: Upper Gangetic Plain, Gujarat; MADAGASCAR, TROPICAL AFRICA.

**CHRYSANTHEMUM** L., *Sp. Pl.* 887. 1753.

**Chrysanthemum cinerarifolium** Vis., *Fl. Dalmat.* 11: 88. 1847.

Distrib.: INDIA: Uttar Pradesh (cultivated). Native of Yugoslavia and Italy.

**Chrysanthemum coronopifolium** Vill., *Fl. Delphin.* 98. 1786; Rao & Kharkongor in *J. Bombay Nat. Hist. Soc.* 75 (2): 277. 1978.

Distrib.: INDIA: Meghalaya.

**Chrysanthemum coronarium** L., *Sp. Pl.* 890. 1753.

Distrib.: INDIA: Uttar Pradesh, W. Bengal (cultivated); MEDITERRANEAN, CHINA.

**Chrysanthemum frutescens** L., *Sp. Pl.* 887. 1753.

Distrib.: INDIA: Tamilnadu. Cultivated.

**Chrysanthemum leucanthemum** L., *Sp. Pl.* 888. 1753; Nair, *Fl. Bash. Himal.* 148. 1977.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, W. Bengal; PAKISTAN, CHINA, N. AMERICA.

**Chrysanthemum myeonis** L., *Sp. Pl.* ed. 2, 1254. 1763.

Distrib.: INDIA: Uttar Pradesh (cultivated).

**Chrysanthemum nubigenum** (DC.) Hand.-Mazz., *Symb. Sin.* 7: 1113. 1936. *Tanacetum nubigenum* Wall. in DC., *Prodr.* 6: 130. 1838; Hook. f., *Fl. Brit. Ind.* 3: 318. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN.

**Chrysanthemum parthenium** (L.) Bernh., *Syst. Verz. Erf.* 145. 1800; Kaul in *J. Bombay Nat. Hist. Soc.* 72: 609. 1976.

Distrib.: INDIA: Jammu & Kashmir (cultivated); Native of EUROPE.

**Chrysanthemum pyrethroides** (Kar. & Kir.) B. Fedtsch-Rostit., *Turkest.* 737. 1915. *Richteria pyrethroides* Kar. & Kir. in *Bull. Soc. Imp. Nat. Misc.* 120. 1842. *Chrysanthemum richteria* Benth. in *Gen. Pl.* 2: 426. 1873; Hook. f., *Fl. Brit. Ind.* 3: 315. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN.

**Chrysanthemum stoliczkai** Clarke, *Comp. Ind.* 147. 1876; Hook. f., *Fl. Brit. Ind.*

3: 314. 1881; Nair, Fl. Bash. Himal. 148. 1977.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; W. TIBET, CHINA.

**Chrysanthemum tibeticum** Hook. f. & Thoms. ex Clarke, Comp. Ind. 147. 1876; Hook. f., Fl. Brit. Ind. 3: 314. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; W. TIBET, CHINA.

**CICERBITA** Wallroth, Sched. Crit. 433. 1822.

**Cicerbita cyanea** (D. Don) Beauv. in Bull. Soc. Bot. Geneve ser. 2, 2: 132. 1910. *Sonchus cyanea* D. Don, Prodr. Fl. Nepal. 164. 1825. *Lactuca hastata* DC., Prodr. 7: 139. 1838; Hook. f., Fl. Brit. Ind. 3: 407. 1881.

Distrib.: INDIA: Jammu & Kashmir, Sikkim, Meghalaya, Tamilnadu; S.W. CHINA, NEPAL, TIBET.

**Cicerbita macrantha** (Clarke) Beauv. in Bull. Soc. Bot. Geneve ser. 2, 2: 130. 1910. *Lactuca macrantha* Clarke, Comp. Ind. 267. 1876; Hook. f., Fl. Brit. Ind. 3: 409. 1881.

Distrib.: INDIA: Sikkim; BHUTAN, NEPAL.

**Cicerbita** {**macrorhiza** (Royle) Beauv. in Bull. Soc. Bot. Geneve ser. 2, 2: 134. 1910. *Mulgedium macrorhizum* Royle, Ill. Bot. Himal. 251. t. 61. f. 1. 1835. *Lactuca macrorhiza* (Royle) Hook. f., Fl. Brit. Ind. 3: 408. 1881.

Distrib.: INDIA: Jammu & Kashmir, Sikkim; CHINA.

**Cicerbita macrorhiza** (Royle) Beauv. var. **saxatilis** (Edgew.) Beauv. in Bull. Soc. Bot. Geneve ser. 2, 2: 135. 1910. *Melanoseris saxatilis* Edgew. in Trans. Linn. Soc. 20: 79. 1846.

Distrib.: INDIA: Jammu & Kashmir; BHUTAN, S.W. CHINA, PAKISTAN, BURMA, S. TIBET.

**CICHORIUM** L., Sp. Pl. 813. 1753.

**C. intybus** L., Sp. Pl. 813. 1753; Hook. f., Fl. Brit. Ind. 3: 391. 1881.

Distrib.: INDIA: Uttar Pradesh, Madhya Pradesh; CHINA.

**CIRSIUM** Mill., Gard. Dict. 4: 28. 1754.

**Cirsium eriophoroides** Hook. f., Fl. Brit. Ind. 3: 363. 1881. *Cnicus eriophoroides* Hook. f., Fl. Brit. Ind. 3: 363. 1881.

Distrib.: INDIA: Sikkim; CHINA.

**Cirsium falconeri** (Hook. f.) Petrak in Fedde, Repert. 9: 198. 1911. *Cnicus falconeri* Hook. f., Fl. Brit. Ind. 3: 363. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN, BURMA, S. TIBET.

**Cirsium involucratum** DC., Prodr. 6: 639. 1838; Hook. f., Fl. Brit. Ind. 3: 362. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN, CHINA.

**Cirsium involucratum** DC. var. **horridum** (Hook. f.) Balakr., Fl. Jowai 1: 256. 1981.

*Cnicus involucratus* DC. var. *horrida* Hook. f., Fl. Brit. Ind. 3: 362. 1881.

Distrib.: INDIA: Meghalaya. Endemic.

*Cirsium lepskyi* Petrak in Fedde, Repert. 9: 197. 1911. *Cnicus griffithii* Hook. f., Fl. Brit. Ind. 3: 363. 1881.

Distrib.: INDIA: Arunachal Pradesh, Manipur. Endemic.

*Cirsium nishiokae* Kitamura in Acta. Phyt. & Geo. Kyoto 23: 75. 1968.

Distrib.: INDIA: Sikkim; NEPAL.

*Cirsium segetum* Bunge, Enum. Pl. Chin. Bor. 36. 1831. *Cnicus sinensis* Gard. & Champ. in Hook. Kew Jour. 1323. 1849; Hook. f., Fl. Brit. Ind. 3: 364. 1881.

Distrib.: INDIA: Jammu & Kashmir, Meghalaya, Manipur; BURMA, CHINA.

*Cirsium verutum* (D. Don) Spreng., Syst. Veg. 3: 379. 1826. *Cnicus verutus* D. Don, Prodr. Fl. Nepal. 167. 1825. *Cirsium argyracanthum* (DC.) Clarke, Comp. Ind. 218. 1876; Hook. f., Fl. Brit. Ind. 3: 362. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL, BHUTAN, PAKISTAN.

*Cirsium wallichii* DC., Prodr. 6: 643. 1838. *Cnicus wallichii* (DC.) Clarke, Comp. Ind. 219. 1876; Hook. f., Fl. Brit. Ind. 3: 363. 1881. *C. wallichii* var. *nepalensis* (DC.) Hook. f., Fl. Brit. Ind. 3: 364. 1881. *C. wallichii* var. *cernua* Hook. f., Fl. Brit. Ind. 3: 364. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh,

Sikkim. Tamilnadu; NEPAL, BHUTAN, CHINA.

*Cirsium wallichii* DC. var. *glabratum* (Hook. f.) Wendelbo in Nytt Mag. B. 1: 67. 1952. *Cnicus wallichii* DC. var. *glabrata* Hook. f., Fl. Brit. Ind. 3: 364. 1881.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, AFGHANISTAN, NEPAL, CHINA.

*Cirsium wallichii* DC. var. *platylepis* Hook. f., Fl. Brit. Ind. 3: 364. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh.

*CISSAMPELOPSIS* (DC.) Miq., Fl. Ind. Bat. 2: 102. 1856.

*Cissampelopsis ansteadii* (Tad. & Jacob.) Jeffrey & Chen in Kew Bull. 39 (2): 241. 1984. *Senecio ansteadii* Tad. & Jacob. in J. Ind. Bot. Soc. 9: 40. 1930.

Distrib.: INDIA: Tamilnadu. Endemic.

*Cissampelopsis buimalia* (Buch.-Ham. ex D. Don) Jeffrey & Chen in Kew Bull. 39 (2): 348. 1984. *Senecio buimalia* Buch.-Ham. ex D. Don., Prodr. Fl. Nep. 178. 1825; Hook. f., Fl. Brit. Ind. 3: 352. 1881.

Distrib.: INDIA: Sikkim, Mizoram; NEPAL, BHUTAN, CHINA.

*Cissampelopsis calcadensis* (Ramasw.) Jeffrey & Chen in Kew Bull. 39 (2): 341. 1984. *Senecio calcadensis* Ramasw. in Rec. Bot. Surv. Ind. 6: 138. 1914.

Distrib.: INDIA: Tamilnadu. Endemic.

*Cissampelopsis corifolia* Jeffrey & Chen in Kew Bull. 39 (2): 342-344. 1984.

Distrib.: INDIA: Sikkim, W. Bengal; BURMA, CHINA.

**Cissampelopsis corymbosa** (Wall. ex DC.) Jeffrey & Chen in Kew Bull. 39 (2): 341. 1984. *Senecio corymbosus* Wall. ex DC. in Wight, Contrib. Bot. Ind. 22. 1834; Hook. f., Fl. Brit. Ind. 3: 351. 1881.

Distrib.: INDIA: Madhya Pradesh, Tamilnadu; SRI LANKA.

**Cissampelopsis volubilis** (Bl.) Miq., Fl. Ind. Bat. 2: 103. 1856. *Cacalia volubilis* Bl., Bijdr. 903. 1826. *Senecio araneosus* DC., Prodr. 6: 364. 1838; Hook. f., Fl. Brit. Ind. 3: 351. 1881.

Distrib.: INDIA: Assam; BURMA, THAILAND, INDO-CHINA, MALAYSIA.

**Cissampelopsis walkeri** (Arn.) Jeffrey & Chen in Kew Bull. 39 (2): 341. 1984. *Senecio walkeri* Arn. in Nova Acta Phys. Med. Acad. Caes. Leop. Carol. Nat. Cur. 18: 349. 1831. *S. araneosus* DC. var. *walkeri* (Arn.) Clarke, Comp. Ind. 182. 1876.

Distrib.: INDIA: Tamilnadu, Kerala; SRI LANKA.

**CONYZA** Less., Syn. Gen. Comp. 23. 1832.

**Conyza aegyptiaca** Ait., Hort. Kew ed. 1: 3. 183. 1789; Hook. f., Fl. Brit. Ind. 3: 258. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; PAKISTAN, CHINA, BANGLADESH, JAPAN, AFRICA, AUSTRALIA.

**Conyza angustifolia** Roxb., Fl. Ind. ed. 2: 3: 429. 1832; Hook. f., Fl. Brit. Ind. 3: 258. 1881.

Distrib.: INDIA: Sikkim; NEPAL, BHUTAN.

**Conyza bonariensis** (L.) Cronq. in Bull. Torrey Bot. Club 70 (6): 632. 1943. *Erigeron bonariensis* L., Sp. Pl. 863. 1753. *E. linifolius* Willd., Sp. Pl. 3: 1955. 1803; Hook. f., Fl. Brit. Ind. 3: 254. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Meghalaya, W. Bengal, Madhya Pradesh, Rajasthan; TROPICAL AMERICA, a native of ARGENTINA.

**Conyza canadensis** (L.) Cronq. in Bull. Torrey Bot. Club 70: 632. 1943. *Erigeron canadensis* L., Sp. Pl. 863. 1753; Hook. f., Fl. Brit. Ind. 3: 254. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Meghalaya, W. Bengal, Orissa, Madhya Pradesh, Andhra Pradesh, Tamilnadu, Maharashtra; PAKISTAN, NEPAL. AMERICA and other Temperate regions.

**Conyza japonica** (Thunb.) Less., Syn. Comp. 204. 1832. *Erigeron japonicum* Thunb., Fl. Jap. 312. 1784; Hook. f., Fl. Brit. Ind. 3: 258. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Arunachal Pradesh, Meghalaya, Mizoram, Manipur, Assam, W. Bengal, Orissa, Madhya Pradesh, Tamilnadu, Karnataka; AFGHANISTAN, PAKISTAN, NEPAL, BURMA, JAPAN, INDO-CHINA, THAILAND.

**Conyza leucantha** (D. Don) Ludlow & Raven in Kew Bull. 17: 71. 1963. *Erigeron leucanthus* D. Don, Prodr. Fl. Nepal. 171. 1825. *Conyza viscidula* Wall. ex DC., Prodr. 5: 383. 1836; Hook. f., Fl. Brit. Ind. 3: 258. 1881.

Distrib.: INDIA: Uttar Pradesh, Sikkim, Arunachal Pradesh, Assam, Meghalaya, Nagaland, Manipur, W. Bengal, Bihar, Madhya Pradesh, Karnataka; AUSTRALIA, SRI LANKA, JAVA, BURMA, NEW CALEDONIA, PHILIPPINES.

*Conyza rufa* Wall. ex DC., Prodr. 5: 384. 1836; Hook. f., Fl. Brit. Ind. 3: 259. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Tamilnadu.

*Conyza semipinnatifida* Wall. ex DC., Prodr. 5: 382. 1836; Hook. f., Fl. Brit. Ind. 3: 257. 1881.

Distrib.: INDIA: Assam, Arunachal Pradesh, West Bengal, Madhya Pradesh; BANGLADESH, BURMA.

*Conyza stricta* Willd., Sp. Pl. 3: 1922. 1803; Hook. f., Fl. Brit. Ind. 3: 258. 1881. var *stricta*.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Assam, W. Bengal, Bihar, Madhya Pradesh, Orissa, Tamilnadu, Karnataka, Kerala, Maharashtra; PAKISTAN, NEPAL, CHINA, BHUTAN, BURMA, AFRICA.

*Conyza stricta* Willd. var. *pinnatifida* (D. Don) Kitam. in Fl. E. Himal. 337. 1966. *Erigeron pinnatifidum* D. Don, Prodr. Fl. Nepal. 172. 1825; Hook. f., Fl. Brit. Ind. 3: 259. 1881 (under Synonym of *C. stricta*). *C. adenocarpa* Dalz. & Gibs., Bombay Fl. 125. 1861.

Distrib.: INDIA: Sikkim; NEPAL, BURMA, CHINA, THAILAND, EAST AFRICA.

*Conyza sumatrensis* (Retz.) Walker in J. Jap. Bot. 46: 72. 1971. *Erigeron sumatrensis* Retz., Obs. 5: 28. 1787. *Conyza floribunda* Kunth in HBK., Nov. Gen. Sp. 4: 73. 1820.

Distrib.: Introduced weed. A native of S. AMERICA.

COREOPSIS L., Sp. Pl. 907. 1753.

*Coreopsis tinctoria* Nuttall in J. Acad. Philad. 2: 114. 1821.

Distrib.: INDIA: Gujarat; CHINA.

COSMOS Cav. Icon. 1: 9. t. 14. 16. 1791.

*Cosmos bipinnatus* Cav., Icon. 1: 10. t. 14. 1791.

Distrib.: INDIA: Tripura, Meghalaya; CHINA.

*Cosmos calvus* (Sch.-Bip. ex Miq.) Sherff., Field. Mus. Nat. Hist. Bot. 8: 405. 1932. *Adenolepis calva* Sch.-Bip., Flora 30: 375. 1847 nom. nud.; Miq., Fl. Ind. 2: 79. 1856.

Distrib.: INDIA: Cultivated but found escape. SRI LANKA, JAVA, PHILIPPINES.

*Cosmos caudatus* Kunth, Nov. Gen. Pl. 4: 188. 1820.

Distrib.: INDIA: Introduced; W. INDIES, C. AMERICA, MAURITIUS, SRI LANKA, PHILIPPINES.

COTULA L., Sp. Pl. 891. 1753.

*Cotula anthemoides* L., Sp. Pl. 891. 1753; Hook. f., Fl. Brit. Ind. 3: 316. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Sikkim, Punjab, Rajasthan, Madhya Pradesh, Bihar; N.S.-AFRICA, CHINA, PAKISTAN.

**Cotula aurea** Loeffl., Iten. 163. 1758; Hook. f., Fl. Brit. Ind. 3: 316. 1881. *Matricaria aurea* (Loeffl.) Boiss., Fl. Or. 3: 324. 1875.

Distrib.: INDIA: Jammu & Kashmir, Punjab; PERSIA, SYRIA, MALTA, ALGERIA, SPAIN, PAKISTAN.

**Cotula australis** (Spreng.) Hook. f., Handb. N. Zeal. Fl. 1: 128. 1853. *Anacyclus australis* Sieb. ex Spreng. in L., Syst. Veg. (ed. 16) 3: 497. 1826.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Arunachal Pradesh, Meghalaya, Assam, W. Bengal, Bihar, Tamilnadu, Kerala; CHINA, AUSTRALIA, WESTERN U.S.A, S. AFRICA, CANARY ISLANDS, SRI LANKA.

**Cotula coronopifolia** L., Sp. Pl. 892. 1753.

Distrib.: INDIA: Uttar Pradesh, Cultivated; EUROPE, AFRICA, AUSTRALIA.

**Cotula hemisphaerica** (Roxb.) Wall. ex Clarke, Comp. Ind. 150. 1876. *Artemisia hemisphaerica* Roxb., Fl. Ind. ed. 2, 3: 422. 1832; Hook. f., Fl. Brit. Ind. 3: 316. 1881. *p. p.*

Distrib.: INDIA: Uttar Pradesh, Assam, Manipur, W. Bengal, Bihar; CHINA.

**COUSINIA** Cass., Dict. Sci. Nat. 47: 503. 1827.

**Cousinia auriculata** Boiss., Diagn. Ser. 2, 3: 58. 1856; Hook. f., Fl. Brit. Ind. 3: 360. 1881.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, AFGHANISTAN.

**Cousinia falconeri** Hook. f., Fl. Brit. Ind. 3: 360. 1881.

Distrib.: INDIA: Jammu & Kashmir.

**Cousinia microcarpa** Boiss., Diagn. Pl. Or. Ser. 2, 3: 59. 1856; Hook. f., Fl. Brit. Ind. 3: 360. 1881.

Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN.

**Cousinia minuta** Boiss., Diagn. Ser. 1, 6: 117. 1845; Kapoor in Bull. Bot. Surv. India 10 (1): 38. 1968.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, IRAN.

**Cousinia thomsonii** Clarke, Comp. Ind. 213. 1876; Hook. f., Fl. Brit. Ind. 3: 360. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN, AFGHANISTAN.

**CRASSOCEPHALUM** Moench., Meth. 516. 1794.

**Crassocephalum crepidioides** (Benth.) Moore in J. Bot. 50: 211. 1912. *Gynura crepidioides* Benth. in Hook. f., Fl. Niger. 438. 1849.

Distrib.: INDIA: Assam, Maharashtra, Madhya Pradesh, Tamilnadu; SRI LANKA, TROPICAL AFRICA, CHINA.

**CREMANTHODIUM** Benth. in Hook. Ic. Pl. 11: t. 1141, 1142. 1873.

**Cremanthodium arnicoides** (Wall.) R. Good in J. Linn. Soc. Bot. 48: 288. 1929. *Senecio arnicoides* Wall., Num. list no. 3138. 1831. *nom. nud.*; Hook. f., Fl. Brit. Ind. 3: 351. 1881.

Distrib.: INDIA: Jammu & Kashmir,



Himachal Pradesh, Uttar Pradesh;  
NEPAL, CHINA.

**Cremanthodium cremanthodioides** (Hand.-Mazz.) R. Good in J. Linn. Soc. Bot. 48: 279. 1929. *Ligularia cremanthodioides* Hand.—Mazz. in Anz. Acad. Wiss. Wien. Math. Nod. 62. 1925.

Distrib.: INDIA: Sikkim; S.E. TIBET,  
N.W. YUNNAN.

**Cremanthodium decaisnei** Clarke, Comp. Ind. 168. 1876; Hook. f., Fl. Brit. Ind. 3. 331. 1881.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh,  
Sikkim; BHUTAN, NEPAL,  
TIBET, CHINA.

**Cremanthodium decaisnei** Clarke f. *clarkei*  
R. Good in J. Linn. Soc. Bot. 48: 275.  
1929.

Distrib.: INDIA: Sikkim.

**Cremanthodium discoideum** Maxim. in Bull.  
Acad. Sci. St. Petersburg. 27: 483. 1882. *C.*  
*cuculliferum* W.W. Smith in Rec. Bot. Surv.  
Ind. 4: 209. 1911.

Distrib.: INDIA: Sikkim; NEPAL, CHINA,  
BHUTAN.

**Cremanthodium nanum** (Decne.) W.W.  
Smith in Notes Roy. Bot. Gard. Edinb. 14:  
118. 1924. *Ligularia nana* Decne. in  
Jacquem. Voy. 4 (Bot.): 91. t. 99. 1844.  
*Werneria nana* (Decne.) Benth., Gen. Pl.  
2: 451. 1873; Hook. f., Fl. Brit. Ind. 3: 357.  
1881.

Distrib.: INDIA: Uttar Pradesh; NEPAL,  
CHINA.

**Cremanthodium oblongatum** Clarke,

Comp. Ind. 168. 1876; Hook. f., Fl. Brit.  
Ind. 3: 331. 1881. *C. nakaoui* Kitam. in Acta  
Phyto. & Geobot. 15: 105. 1954.

Distrib.: INDIA: Uttar Pradesh, Sikkim;  
NEPAL, TIBET, W. CHINA.

**Cremanthodium palmatum** Benth. in Hook.  
Ic. Pl. 17: 1142. 1873; Hook. f., Fl. Brit.  
Ind. 3: 331. 1881.

Distrib.: INDIA: Sikkim, Kamkola valley;  
TIBET, BHUTAN, CHINA.

**Cremanthodium palmatum** Benth. subsp.  
*benthami* R. Good in J. Linn. Soc. Bot.  
48: 271. 1929.

Distrib.: INDIA: Sikkim.

**Cremanthodium pinnatifidum** Benth. in Hook.  
Ic. Pl. 17: 1142. 1873; Hook. f., Fl. Brit. Ind.  
3: 332. 1881.

Distrib.: INDIA: Sikkim; NEPAL,  
BHUTAN, S. E. TIBET, CHINA.

**Cremanthodium plantagineum** Max. in Bull.  
Acad. Peters. 27: 482. 1881. f. *maximowiczii*  
R. Good in J. Linn. Soc. Bot. 48: 293.  
1929. *Senecio arnicoides* var. *frigida* Hook. f.,  
Fl. Brit. Ind. 3: 351. 1881.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh; W. TIBET,  
CHINA.

**Cremanthodium plantagineum** f. *ellisii*  
(Hook. f.) R. Good in J. Linn. Soc. Bot.  
48: 293. 1929. *Werneria ellisii* Hook. f., Fl.  
Brit. Ind. 3: 351. 1881.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh; CHINA,  
NEPAL.

**Cremanthodium pseudo-oblongatum** R. Good  
in J. Linn. Soc. Bot. 48: 299. 1929.

Distrib.: INDIA: Sikkim; CHINA.

**Cremanthodium reniforme** (DC.) Benth. in Hook., Ic. Pl. 17: 1141. 1873; Hook. f., Fl. Brit. Ind. 3: 330. 1881. *Ligularia reniformis* DC., Prodr. 6: 315. 1838.

Distrib.: INDIA: Himachal Pradesh, Sikkim, Uttar Pradesh; NEPAL, BHUTAN, CHINA.

**Cremanthodium retusum** (Wall. ex Hook. f.) R. Good in J. Linn. Soc. Bot. 48: 278. 1929. *Senecio retusus* Wall. ex Hook. f., Fl. Brit. Ind. 3: 350. 1881.

Distrib.: INDIA: Sikkim, Meghalaya; NEPAL.

**Cremanthodium rhodocephalum** Diels in Notes Roy. Bot. Gard. Edinb. 5: 190. 1912.

Distrib.: INDIA: Assam; CHINA.

**Cremanthodium thomsoni** Clarke, Comp. Ind. 169. 1876; Hook. f., Fl. Brit. Ind. 3: 331. 1881.

Distrib.: INDIA: Sikkim; NEPAL, BHUTAN, TIBET, CHINA.

**CREPIS** L., Sp. Pl. 805. 1753.

**Crepis atropappa** Babcock in Univ. Calif. Publ. 14: 324. 1928.

Distrib.: INDIA: Sikkim. Endemic.

**Crepis capillaris** (L.) Wallr. in Linnaea 14: 657. 1841. *Lapsana capillaris* L., Sp. Pl. 2: 812. 1753.

Distrib.: INDIA: Himachal Pradesh.

**Crepis cineripappa** Babcock in J. Bot. London 76: 324. 1928.

Distrib.: INDIA: Assam. Endemic.

**Crepis dachigamensis** Singh, For. Fl. Srinagar 127. 1976.

Distrib.: INDIA: Jammu & Kashmir. Endemic.

**Crepis flexuosa** (DC.) Benth., Gen. Pl. 2: 515. 1873. *Barkhausia flexuosa* DC., Prodr. 7: 156. 1838. *Crepis glauca* Benth., Gen. Pl. 2: 515. 1873; Hook. f., Fl. Brit. Ind. 3: 394. 1881.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, NEPAL, CHINA, TIBET.

**Crepis fuscipappa** Benth., Gen. Pl. 2: 574. 1873; Hook. f., Fl. Brit. Ind. 3: 395. 1881.

Distrib.: INDIA: Sikkim, Meghalaya; SRI LANKA, CHINA.

**Crepis kashmirica** Babcock in Univ. Calif. Publ. 14. no. 13: 328. 1928. *C. blattarioides* Hook. f., Fl. Brit. Ind. 3: 394. 1881 (*non* Vill.).

Distrib.: INDIA: Jammu & Kashmir; TIBET.

**Crepis multicaulis** Ledeb., Fl. Altaica 4: 125. 1833.

Distrib.: INDIA: Himachal Pradesh; CHINA.

**Crepis multicaulis** Ledeb. subsp. *congesta* (Regel) Babcock in Univ. Calif. Publ. 19: 401. 1941. Stewart in Nasir *et* Ali, Ann. Cat. Vas Pl. W. Pak. 740. 1972. *C. congesta* Regel, Pl. Nov. Fedtsch. 34 (2): 1882.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; CHINA, PAKISTAN.

**Crepis multicaulis** Ledeb. subsp. *genuina* (Regel) Babcock in Univ. Calif. Public. 19: 401. 1941. *C. genuina* Regel, Pl. Nov.

- Fedtsch. 34 (2): 1882.  
 Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; CHINA.
- Crepis naniforme** Babcock in Univ. Cal. Publ. 22: 886. 1947.  
 Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh.
- Crepis pulchra** L. subsp. **turkestanica** Babcock in Univ. Calif. Publ. 19: 402. 1941. *Phaegasium lampsanioides* Cass. in Dict. Sci. Nat. 39: 387. 1841; Hook. f., Fl. Brit. Ind. 3: 398. 1881.  
 Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.
- Crepis sancta** (L.) Babcock in Univ. Calif. Publ. 19: 403. 1941. subsp. **sancta**. *Hieracium sanctum* L., Cent. Pl. 2: 30. 1756. *Pterotheca falconeri* Hook. f., Fl. Brit. Ind. 3: 399. 1881. *Crepis sancta* var. *bifida* (Vis.) Babcock in Univ. Calif. Publ. 22: 736. 1947.  
 Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; AFGHANISTAN, PAKISTAN.
- Crepis silhetensis** Hook. f., Fl. Brit. Ind. 3: 397. 1881.  
 Distrib.: INDIA: Meghalaya; BURMA.
- Crepis simulatrix** Babcock in Univ. Calif. Publ. 14: 329. 1928.  
 Distrib.: INDIA: Sikkim; TIBET, CHINA.
- Crepis tibetica** Babcock in Univ. Calif. Publ. 14: 330. 1928.  
 Distrib.: INDIA: Sikkim; BHUTAN, NEPAL, TIBET.
- Crepis thomsonii** Babcock in J. Bot. London 76: 208. 1938. *C. foetida* auct. non L., Hook. f., Fl. Brit. Ind. 3: 393. 1881.  
 Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; PAKISTAN, AFGHANISTAN.
- CRUPINA** (Pers.) DC. in Ann. Mus. Nat. Hist. Nat. 16: 157. 1810.  
**Crupina vulgaris** Cass. in Dict. Sci. Nat. 12: 68. 1818; Kaul in Bull. Bot. Surv. Ind. 18: 225. 1976.  
 Distrib.: INDIA: Jammu & Kashmir, Gujrat.
- CYATHOCLINE** Cass. in Ann. Sci. Nat. 17: 419. 1829.  
**Cyathocline lutea** Law ex Wight in Calc. J. Nat. Hist. 7: 158. 1847; Hook. f., Fl. Brit. Ind. 3: 246. 1881.  
 Distrib.: INDIA: Maharashtra, Tamilnadu.
- Cyathocline purpurea** (Buch.-Ham. ex D. Don) O. Ktze., Rev. Gen. Pl. 333. 1891. *Tanacetum purpureum* Buch.-Ham. ex D. Don, Prodr. Fl. Nepal. 181. 1825. *Cyathocline lyrata* Cass. in Ann. Sci. Nat. Ser. 1. 17: 420. 1829; Hook. f., Fl. Brit. Ind. 3: 246. 1881.  
 Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Assam, Manipur, W. Bengal, Orissa, Madhya Pradesh, Maharashtra, Goa; PAKISTAN, NEPAL, BHUTAN, BANGLADESH, BURMA, CHINA, INDO-CHINA.
- Cyathocline purpurea** (Buch.-Ham. ex D. Don) O. Ktze. var. **alba** Santapau in Kew Bull. 1948: 490. 1949.

- Distrib.: INDIA: Maharashtra. Endemic.
- Cyathocline purpurea** (Buch.-Ham. ex D. Don) O. Ktze. var. **bicolor** Santapau in Kew Bull. 1948: 490. 1949.
- Distrib.: INDIA: Maharashtra. Endemic.
- DAHLIA** Cav., Icon. 1: 56. t. 80. 1791.
- Dahlia imperialis** Roedel. ex Ortgies in Gart. Fl. 1863: 243. t. 407, 408. 1863.
- Distrib.: Naturalised throughout India on hills. Native of MEXICO
- Dahlia pinnata** Cav., Icon. 1: 56. t. 80. 1791.
- Distrib.: INDIA: Maharashtra; CHINA, MEXICO.
- DICHROCEPHALA** L' Herit. ex DC., Arch. Bot. 2: 517. 1833.
- Dichrocephala benthami** Clarke, Comp. Ind. 36. 1876; Hook. f., Fl. Brit. Ind. 3: 246. 1881.
- Distrib.: INDIA: Meghalaya; NEPAL, BHUTAN, INDO-CHINA.
- Dichrocephala chrysanthemifolia** DC. in Wight, Contrib. Bot. Ind. 11. 1834; Hook. f., Fl. Brit. Ind. 3: 245. 1881.
- Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Tamilnadu; NEPAL, JAVA, TROPICAL AFRICA.
- Dichrocephala hamiltonii** Hook. f., Fl. Brit. Ind. 3: 246. 1881.
- Distrib.: INDIA: Assam. Endemic.
- Dichrocephala integrifolia** (L. f.) O. Ktze., Rev. Gen. Pl. 1: 333. 1891. *Hippia integrifolia* L. f., Suppl. Pl. 389. 1781. *Dichrocephala latifolia* (Lam.) DC. in Wight, Contrib. Bot. Ind. 11. 1834; Hook. f., Fl. Brit. Ind. 3: 245. 1881.
- Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Sikkim, W. Bengal, Assam, Meghalaya, Bihar, Madhya Pradesh, Maharashtra, Goa; NEPAL, BURMA, INDO-CHINA, SRI LANKA, AFRICA.
- Dichrocephala integrifolia** (L. f.) O. Ktze. subsp. **gracilis** (DC.) Fayed in Mitt. B. Stactssam Munchen 15: 500. 1979. *D. gracilis* DC., Prodr. 5: 371. 1836.
- Distrib.: INDIA: Himalayas; NEPAL, MADAGASCAR.
- Dichrocephala minutifolia** van. in Bull. Acad. Geog. Bot. 12: 243. 1903.
- Distrib.: INDIA: Mizoram.
- DICOMA** Cass. in Bull. Sci. Philom. Paris 1817: 12. 1817.
- Dicoma tomentosa** Cass. in Bull. Sci. Philom. 12. 1818; Hook. f., Fl. Brit. Ind. 3: 387. 1881.
- Distrib.: INDIA: Rajasthan, Madhya Pradesh; TROPICAL AFRICA.
- DIMORPHOTHECA** Moench, Meth. 585. 1794.
- Dimorphotheca pluvialis** Moench, Meth. 585. 1794; Rao in Bull. Bot. Surv. India 2 (3): 407. 1960.
- Distrib.: INDIA: Jammu and Kashmir; AFRICA.
- DORONICUM** L., Sp. Pl. ed. 1. 885. 1753.
- Doronicum altaicum** Pall. in Act. Acad. Petrop. 2: 271. t. 16. 1779.

Distrib.: INDIA: Jammu & Kashmir;  
TIBET, CHINA.

**Doronicum falconeri** Clarke ex Hook. f., Fl. Brit. Ind. 3: 333. 1881.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh;  
W. TIBET, PAKISTAN.

**Doronicum latesquamatum** Fischer in Kew Bull. 1937: 98. 1937.

Distrib.: INDIA: Sikkim. Endemic.

**Doronicum roylei** DC., Prodr. 6: 321. 1838;  
Hook. f., Fl. Brit. Ind. 3: 332. 1881.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh;  
BHUTAN, NEPAL.

**Doronicum roylei** DC. var. **epapposa** Hook. f., Fl. Brit. Ind. 3: 332. 1881.

Distrib.: INDIA: Jammu & Kashmir.  
Endemic.

**DUBYAEA** DC., Prodr. 7: 247. 1838.

**Dubyaea hispida** DC., Prodr. 7: 247. 1838.  
*Lactuca dubyaea* Clarke, Comp. Ind. 271.  
1876; Hook. f., Fl. Brit. Ind. 3: 409. 1881.

Distrib.: INDIA: Uttar Pradesh, Sikkim.

**Dubyaea oligocephala** (Sch.-Bip.) Stebbins in J. Bot. 75: 17. 1937. *Paleyia oligocephala* Sch.-Bip. in Pollichia 22-24: 320. 1866. *Crepis sibirica* Clarke, Comp. Ind. 252. 1876 (*non* L.); Hook. f., Fl. Brit. Ind. 3: 394. 1881.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh.

**ECHINOPS** L., Sp. Pl. 814. 1753.

**Echinops cornigerus** DC., Prodr. 6: 525. 1838.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh;  
AFGHANISTAN, PAKISTAN,  
NEPAL.

**Echinops echinatus** Roxb., Fl. Ind. 3: 447. 1832.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh, Madhya Pradesh, W. Bengal, Bihar, Karnataka; AFGHANISTAN, PAKISTAN.

**Echinops niveus** Wall. ex DC., Prodr. 6: 526. 1838.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh.

**ECLIPTA** L., Mant. Pl. 2: 286. 1771.

**Eclipta prostrata** (L.) L., Mant. Pl. 2: 286. 1771. *Verbesina prostrata* L., Sp. Pl. 902. 1753. *Eclipta alba* (L.) Hassk., Pl. Jav. Rar. 528. 1848; Hook. f., Fl. Brit. Ind. 3: 304. 1881.

Distrib.: INDIA: Throughout India ascending to 2000 m in the Himalayas and other mountains. Cosmopolitan.

**ELEPHANTOPUS** L., Sp. Pl. 814. 1753.

**Elephantopus scaber** L., Sp. Pl. 814. 1753; Hook. f., Fl. Brit. Ind. 3: 242. 1881.

Distrib.: INDIA: Throughout India;  
TROPICAL ASIA, AUSTRALIA,  
AFRICA.

**ELEUTHERANTHERA** Poit. ex Bosc in Nouv. Dict. Hist. Nat. ed. 1, 7: 498. 1803.

**Eleutheranthera ruderalis** (Swartz) Sch.-Bip.,

Bot. Zeit. 24: 165. 1866; Bennett in Curr. Sci. 34 (13): 411. 1965. *Melampodium ruderalis* Swartz, Fl. Ind. Occ. 3: 1372. 1806.

Distrib.: INDIA: West Bengal; AMERICA.

**EMILIA** Cass. in Bull. Soc. Philom. 1817: 68. 1817.

*Emilia alstonii* Fosberg in Ceylon J. Sci. (Bio. Sci.) 10: 66. 1972; Ramamoorthy in Saldanha & Nicolson, Fl. Hassan Dist. 613. 1976.

Distrib.: INDIA: Karnataka; SRI LANKA.

*Emilia exserta* Fosberg in Ceylon J. Sci. (Bio. Sci.) 10: 65. 1972; Ramamoorthy in Saldanha & Nicolson, Fl. Hassan Dist. 613. 1976.

Distrib.: INDIA: Karnataka; SRI LANKA.

*Emilia prenanthoides* DC., Prodr. 6: 303. 1838; Hook. f., Fl. Brit. Ind. 3: 336. 1881.

Distrib.: INDIA: Sikkim; BURMA, CHINA.

*Emilia ramulosa* Gamble in Kew Bull. 1921: 120. 1921.

Distrib.: INDIA: Tamilnadu, Kerala. Endemic.

*Emilia sagittata* (Vahl) DC., Prodr. 6: 302. 1838. *Cacalia sagittata* Vahl, Symb. 3: 91. 1794. *Emilia flammea* Cass., Diet. Sci. Nat. 14: 406. t. 5. 1825; Hook. f. Fl. Brit. Ind. 3: 336. 1881.

Distrib.: INDIA: Maharashtra, Tamilnadu; PHILIPPINES, TROPICAL AFRICA, CHINA, JAVA.

*Emilia scabra* DC., Prodr. 6: 303. 1838. *E. sonchifolia* (L.) DC. var. *scabra* (DC.) Hook. f., Fl. Brit. Ind. 3: 336. 1881.

Distrib.: INDIA: Assam, Maharashtra, Meghalaya.

*Emilia sonchifolia* (L.) DC. in Wight, Contrib. Bot. Ind. 24. 1834; Hook. f., Fl. Brit. Ind. 3: 336. 1881. *Cacalia sonchifolia* L., Sp. Pl. 1835. 1753.

Distrib.: INDIA: Throughout India; CHINA, ASIA, AFRICA.

*Emilia sonchifolia* (L.) DC. var. *mucronata* Clarke, Comp. Ind. 175. 1876; Hook. f., Fl. Brit. Ind. 3: 336. 1881.

Distrib.: INDIA: South India.

*Emilia zeylanica* Clarke, Comp. Ind. 175. 1876; Hook. f., Fl. Brit. Ind. 3: 336. 1881.

Distrib.: INDIA: Tamilnadu, Karnataka, Maharashtra; SRI LANKA.

*Emilia zeylanica* var. *paludosa* Gamble, Fl. Madras 2: 504. 1957 (Rep. ed.).

Distrib.: INDIA: Tamilnadu, Maharashtra.

**ENHYDRA** DC., Prodr. 5: 636. 1836.

*Enhydra fluctuans* Lour., Fl. Cochinch. 511. 1790; Hook. f., Fl. Brit. Ind. 3: 304. 1881.

Distrib.: INDIA: Jammu & Kashmir, Assam; BANGLADESH, SUMATRA, MALAYA, CHINA, PAKISTAN.

**EPALTES** Cass. in Bull. Soc. Philom. 1818: 139. 1818.

*Epaltes divaricata* (L.) Cass., Bull. Soc. Philom. 139. 1818; Hook. f., Fl. Brit. Ind. 3: 271. 1881. *Ethulia divaricata* L., Mant. Pl. 1: 110. 1767.

Distrib.: INDIA: Orissa, Karnataka, Tamilnadu; BURMA, SRI LANKA, CHINA, JAVA.

**Epaltes pygmaea** DC., Prodr. 5: 461. 1836 ;  
Hook. f., Fl. Brit Ind. 3: 274. 1881.

Distrib.: INDIA: Tamilnadu, Karnataka.

**ERECHTITES** Rafin., Fl. Ludovic. 65.  
1817.

**Erechtites hieracifolia** (L.) Rafin. ex DC.  
Prodr. 6: 294. 1838.

Distrib.: INDIA: Andhra Pradesh; CHINA.

**Erechtites valerianaefolia** (Wolf) DC.,  
Prodr. 6: 295. 1838. *Senecio valerianifolium*  
Wolf, Ind. sem. H. Berol 1825, teste  
Reichenb. Ic. Bot. Exot. 59. t. 85. 1827.

Distrib.: INDIA: Uttar Pradesh, Madhya  
Pradesh, Tamilnadu, Bengal;  
SRI LANKA, CENTRAL &  
SOUTH AMERICA, MALAYA,  
AUSTRALIA, CHINA, JAPAN.

**ERIGERON** L., Sp. Pl. 863. 1753.

**Erigeron acre** L., Sp. Pl. 863. 1753; DC.,  
Prodr. 5: 290. 1836; Hook. f., Fl. Brit. Ind.  
3: 255. 1881 (as synonym under *E. alpinus*).

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh;  
NEPAL, EURASIA, CHINA.

**Erigeron acre** L. var. **multicaulis** (Wall. ex  
DC.) Clarke, Comp. Ind. 53. 1876. *E.*  
*multicaulis* Wall. ex DC., Prodr. 5: 292.  
1836. *E. alpinus* L. var. *multicaulis* (Wall. ex  
DC.) Hook. f., Fl. Brit. Ind. 3: 255. 1881.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh;  
AFGHANISTAN, PAKISTAN,  
NEPAL, BHUTAN.

**Erigeron alpinus** L., Sp. Pl. 864. 1753 sp.  
agg.; Hook. f., Fl. Brit. Ind. 3: 255. 1881.  
*p.p.*

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh,  
Meghalaya, Manipur, Madhya  
Pradesh; PAKISTAN, NEPAL,  
CHINA.

**Erigeron alpinus** var. **khasiana** Hook. f.,  
Fl. Brit. Ind. 3: 255. 1881.

Distrib.: INDIA: Meghalaya; BHUTAN.

**Erigeron alpinus** var. **semibarbata** (DC.)  
Hook. f., Fl. Brit. Ind. 3: 255. 1881. *E.*  
*semibarbatus* DC., Prodr. 5: 292. 1836.

Distrib.: INDIA: Jammu & Kashmir.  
Endemic.

**Erigeron alpinus** var. **wightii** (DC.) Hook.  
f., Fl. Brit. Ind. 3: 255. 1881. *E. wightii*  
DC., Prodr. 5: 262. 1836.

Distrib.: INDIA: Tamilnadu. Endemic.

**Erigeron altissimus** Stewart in Nasir *et* Ali,  
Ann. Cat. Vas. Pl. W. Pak. 744. 1972.

Distrib.: INDIA: Jammu & Kashmir;  
PAKISTAN.

**Erigeron angustissimum** Lindl. ex DC.,  
Prodr. 5: 286. 1836; Stewart in Nasir *et* Ali,  
Ann. Cat. Vas. Pl. W. Pak. 744. 1972.

Distrib.: INDIA: Jammu & Kashmir;  
PAKISTAN.

**Erigeron annuus** (L.) Pers., Syn. Pl. 2: 431.  
1807. *Aster annuus* L., Sp. Pl. 875. 1753.

Distrib.: INDIA: North-Eastern India;  
CANADA, EUROPE, UNITED  
STATES, CHINA.

**Erigeron bellidioides** (Buch.-Ham. ex D.  
Don) Benth. ex Clarke, Comp. Ind. 55.  
1876; Hook. f., Fl. Brit. Ind. 3: 256. 1881.  
*Aster bellidioides* Buch.-Ham. ex D. Don,  
Prodr. Fl. Nepal. 177. 1825.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Meghalaya, W. Bengal; NEPAL, BHUTAN, PAKISTAN, CHINA.

**Erigeron floribundus** (H.B.K.) Sch.-Bip. in Bull. Soc. Bot. Fr. 12: 81. 1865. *Conyza floribunda* H.B.K., Nov. Gen. Sp. 4: 73. 1820. *Erigeron sumatrensis* Retz., Observ. Bot. 5: 28. 1789.

Distrib.: INDIA:  
Native of S. AMERICA, naturalized in many places.

**Erigeron jaeschkei** Vierh. in Beih. Bot. Centralbl. 19: 491. 1906; Stewart in Nasir *et* Ali. Ann. Cat. Vas. Pl. W. Pak. 744. 1972.

Distrib.: INDIA: Jammu & Kashmir, ENDEMIC.

**Erigeron karvinskianus** DC., Prodr. 5: 285. 1836. *E. mucronatus* DC., Prodr. 5: 285. 1836.

Distrib.: INDIA: Uttar Pradesh, Sikkim, Assam, Nagaland, W. Bengal, South India; NEPAL, BHUTAN, BURMA, JAPAN, MALAYSIA, EUROPE, AMERICA. A native of MEXICO.

**Erigeron kumaonensis** (Vierh.) Wendelbo in Nytt Mag. B. 1. 62. 1952. *Trimorpha kumaonensis* Vierh. in Beih. B. Centralbl. 19 (2): 467. t. 6. f. 1. 1906.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Manipur; NEPAL, PAKISTAN.

**Erigeron monticolus** DC., Prodr. 5: 292. 1836; Hook. f., Fl. Brit. Ind. 3: 255. 1881.

Distrib.: INDIA: Jammu & Kashmir; NEPAL.

**Erigeron multiradiatus** (Lindl. ex DC.) Clarke, Comp. Ind. 56. 1876; Hook. f., Fl. Brit. Ind. 3: 256. 1881. *Stenactis multiradiata* Lindl. ex DC., Prodr. 5: 299. 1836.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN, CHINA.

**Erigeron pseudohyrcanicus** Grierson ex Stewart in Nasir *et* Ali. Ann. Cat. Vas. Pl. W. Pak. 745. 1972.

Distrib.: INDIA: Jammu & Kashmir. Endemic.

**Erigeron pusillus** Nutt., Gen. 2: 148. 1818; Balakr. in Bull. Bot. Surv. Ind. 16: 170. 1974.

Distrib.: INDIA: Meghalaya; CHINA, JAPAN, S. AMERICA.

**Erigeron roylei** DC., Prodr. 5: 292. 1836; Stewart in Nasir *et* Ali. Ann. Cat. Vas. Pl. W. Pak. 749. 1972.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN.

**Erigeron sublyratus** DC. in Wight, Contrib. Bot. Ind. 9. 1834. *E. asteroides* Roxb., Fl. Ind. ed. 2. 3: 432. 1832. *non* Andr. ex Besaer *nec* Link 1822; Hook. f., Fl. Brit. Ind. 3: 254. 1881.

Distrib.: INDIA: Sikkim, Assam, W. Bengal, Bihar, Madhya Pradesh, Orissa, Andhra Pradesh, Tamilnadu, Karnataka, Kerala; NEPAL, SRI LANKA, CHINA.

**Erigeron swatensis** Grierson ex Stewart in Nasir *et* Ali. Ann. Cat. Vas. Pl. W. Pak. 746. 1972.



Distrib.: INDIA: Jammu & Kashmir;  
PAKISTAN.

*Erigeron uniflorus* L., Sp. Pl. 864. 1753. *E. alpinus* L. var. *uniflorus* Ledeb., Fl. Ross. 2: 490. 1845, non Hook. f.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; TIBET, CHINA.

*Erigeron venustus* Botsch. in Not. Syst. Herb. Inst. Bot. Acad. Sci. URSS 16: 387. 1954 in Obs; Stewart in Nasir *et al.*, Ann. Cat. Vas. Pl. W. Pak. 746. 1972.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.

*ETHULIA* L. f., Dec. Prima Pl. Rar. Horti Upsala 11762.

*Ethulia megacephala* Sch.-Bip. in Zoll. Syst. Verz. Ind. Arch. 119. 1854; Miq. Pl. Jungh. 495. 1854. *E. conyzoides* Zoll. in Nat. Gen. Arch. Meerl. Ind. 2: 224. 1845 non L.

Distrib.: INDIA: Uttar Pradesh, Sikkim, Assam, Meghalaya, Mizoram; EUROPE, CHINA.

*EUPATORIUM* L., Sp. Pl. 836. 1753.

*Eupatorium cannabinum* L. subsp. *asiaticum* Kitam. in Acta Phyt. Geobot. 19: 16. 1961. var. *heterophyllum* (DC.) Kitam. in Act. Phyt. Geobot. 32: 139. 1981. *E. cannabinum auct. non*. L. 1753; Hook. f., Fl. Brit. Ind. 3: 243. 1881. *p.p.*

Distrib.: INDIA: Assam, Meghalaya, Nagaland; BANGLADESH, BURMA, CHINA, BHUTAN, EUROPE.

*Eupatorium capillifolium* (Lam.) Small in Mem. Torrey Bot. Club 5: 311. 1894; Sahu in Curr. Sci. 51. (8): 440. 1982. *Artemisia capillifolia* Lam., Encycl. Meth. B. 1: 267. 1783.

Distrib.: INDIA: Arunachal Pradesh, Meghalaya, Madhya Pradesh, (Introduced); Native of SOUTH AMERICA.

*Eupatorium chinense* L. Sp. Pl. 837. 1753; *E. reevesii* Wall. ex DC., Prodr. 5: 179. 1836; Hook. f., Fl. Brit. Ind. 3: 243. 1881.

Distrib.: INDIA: Subtropical Himalaya; BHUTAN, CHINA, JAPAN.

*Eupatorium conyzoides* Vahl, Symb. Bot. 3: 96. 1794.

Distrib.: INDIA: Uttar Pradesh, Rajasthan, Gujarat, Delhi (cultivated and found as an escape.). TROPICAL AMERICA, MEXICO.

*Eupatorium erythropappum* Robinson in Proc. Bost. Soc. Nat. Hist. 31 (6): 248. 1908; Ghosh *et al.* in J. Bombay Nat. Hist. Soc. 73 (3): 554. 1976.

Distrib.: INDIA: West Bengal.

*Eupatorium ianthinum* Hemsl. in Biol. Centr. Arn. Bot. 2: 96. 1881; Chandrasekaran in Henry *et al.*, Fl. Tamilnadu 2: 39. 1987.

Distrib.: INDIA: Tamilnadu. Cultivated in Gardens.

*Eupatorium ligustrinum* DC., Prodr. 5: 181. 1836; G.S. Yonzon *et al.* in Ind. For. 96. (5): 351. 1970.

Distrib.: INDIA: Uttar Pradesh, West Bengal (cultivated).

*Eupatorium nodiflorum* DC., Prodr. 5: 179. 1836. *E. cannabinum* Hook. f., Fl. Brit. India 3: 243. 1881. (*non* L., 1753)

Distrib.: INDIA: Jammu & Kashmir, Meghalaya; ASIA, EUROPE.

*Eupatorium repandum* Willd., Sp. Pl. 3: 1767. 1803.

Distrib.: INDIA: Upper Gangetic Plain, Meghalaya, Kerala; MEXICO.

**Eupatorium riparium** Regel, Gaertn. Fl. 15: 324. t. 525. 1866; Raizada, Suppl. Fl. Upp. Gang. Pl. 116. 1976.

Distrib.: INDIA: Uttar Pradesh, (Introduced & naturalized); Meghalaya; MEXICO, SRI LANKA, JAVA.

**Eupatorium trapezoideum** Kunth, Ind. Sem. Hort. Berol. 13. 1847; Panigrahi & Kar in Bull. Bot. Surv. Ind. 8: 232. 1966.

Distrib.: INDIA: Meghalaya; S. AMERICA, MEXICO.

**Eupatorium triplinerve** Vahl, Symb. 3: 97. 1794. *E. ayapana* Vent, Malm. 2. t. 3. 1804; Hook. f., Fl. Brit. Ind. 3: 244. 1881.

Distrib.: INDIA: North East India; TROPICAL ASIA, AFRICA, SOUTH AMERICA.

**FILAGO** L., Sp. Pl. 927, 1199. 1753.

**Filago arvensis** L., Sp. Pl. 1312. 1753; Hook. f., Fl. Brit. Ind. 3: 277. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; AFGHANISTAN, PAKISTAN, WESTERN TIBET, EUROPE.

**Filago hurdwarica** (Wall. ex DC.) Wagenitz, in Willdenowia 4: 291. t. 3. 1968. *Gnaphalium hurdwaricum* Wall. ex DC., Prodr. 6: 231. 1838. *Filago germanica* sensu Hook. f., Fl. Brit. Ind. 277. 1881, *p.p.* (*non* L. 1753).

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; AFGHANISTAN, TIBET, CANARIES, ASIA, IRAN, PAKISTAN, EUROPE.

**Filago pyramidata** L., Sp. Pl. 1199. 1753. *F. germanica* L. var. *pyramidata* (Gaud) DC. Prodr. 6. 247. 1838. *F. germanica* sensu Hook. f., Fl. Brit. Ind. 3: 277. 1881. *p.p.*

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN.

**FLAVERIA** A.L. Jussieu, Gen. 186. 1789.

**Flaveria repanda** Lagasc., Gen. & Sp. Nov. 33. 1816; Sant. in Rec. Bot. Surv. Ind. 16: 123. 1967. (repr. ed.).

Distrib.: INDIA: Bihar.

**Flaveria trinervia** (Spreng.) C. Mohr. in Contrib. U.S. Nat Herb. 6: 810. 1901. *Oedera trinervia* Spreng., Bot. Gart. Halle 63. 1800. *Flaveria contrayerba* Pers., Syn. 2: 489. 1807; Cooke, Fl. Bombay 2: 67. 1904 (repr. ed. 2: 125. 1958). *F. australasica* Hook. in T.L. Mitch. J. exped. trop. Austral. 118. 1848; Gamble, Fl. Madras 2: 711 (501). 1921.

Distrib.: INDIA: Tamilnadu, Maharashtra, Rajasthan, Gujarat; AMERICA, TROPICAL AFRICA, ASIA, W. INDIES.

**GAILLARDIA** Foug., Mem. Acad. Sci. 1786: 5. 1788.

**Gaillardia amblyodon** J. Gay in Ann. Sci. Nat. Ser. 2, 12: 62. 1839.

Distrib.: INDIA: Maharashtra; N. AMERICA.

**Gaillardia pulchella** Foug., Mem. Acad. Sci. 1786: 5. t. 1. 1788.

Distrib.: INDIA: Karnataka; N. AMERICA, CHINA.

**GALINSOGA** Ruiz et Pavon, Prodr. 110. t. 24. 1794.

**Galinsoga parviflora** Cav., Ic. et Deser. Pl. 3: 41. t. 281. 1795; Hook. f., Fl. Brit. Ind. 3: 311. 1881.

Distrib.: INDIA: Throughout India, Cosmopolitan weed. Native of TROPICAL AMERICA.

**Galinsoga quadriradiata** Ruiz et Pavon, Syst. Veg. 1: 198. 1798. *G. ciliata* (Rafin.) Blake in Rhodora 24: 35. 1922. *Adventina ciliata* Rafin., New Fl. Am. 1: 67. 1836.

Distrib.: INDIA: Throughout India. Cosmopolitan weed. Native of MEXICO.

**GARHADIOLUS** Jaub. et Spach, Ill. Pl. Or. 3: 119. 1850.

**Garhadiolus minutissimus** (Bunge) Kitam. in Acta Phyto. Geobot. 17: 35. 1957. *Hedypnois minutissima* Bunge in Mem. Etr. Petersb. 7: 372. 1847. *Rhagadiolus hedypnois* Fisch. & Mey., Index Sem. Horti Petrop. 4: 46. 1837 (*non* All. 1785); Hook. f., Fl. Brit. Ind. 3: 392. 1881.

Distrib.: INDIA: Jammu & Kashmir.

**GERBERA** L., Opera Varia 247. 1758.

**Gerbera gossypina** (Royle) Beauv. in Bull. Soc. Bot. Geneve Ser. 2, 2: 40. 1910. *Chaptalia gossypina* Royle, Ill. Bot. Himal. 251. t. 59. f. 2. 1835. *Gerbera lanuginosa* (Wall. ex DC.) Sch.-Bip. in Flora (Regensb.) 27: 780. 1844; Hook. f., Fl. Brit. Ind. 3: 390. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh; PAKISTAN.

**Gerbera kunzeana** Braun & Asch. in App. Pl. Nov. and Cat. Sem. Hort. Berol. 3. 1871; Hook. f., Fl. Brit. Ind. 3: 390. 1881.

Distrib.: INDIA. Jammu & Kashmir. Himachal Pradesh; BHUTAN, CHINA.

**Gerbera lacei** Wall. in Kew Bull. 1911: 272. 1911.

Distrib.: INDIA: Himachal Pradesh.

**Gerbera maxima** (D. Don) Beauv. in Bull. Soc. Bot. Geneve Ser. 2, 2: 44. 1910. *Chap-*

*talia maxima* D. Don, Prodr. Fl. Nep. 166. 1825. *Gerbera macrophylla* Benth. in Benth. & Hook. f., Gen. Pl. 2: 497. 1873; Hook. f., Fl. Brit. Ind. 3: 391. 1881.

Distrib.: INDIA: Uttar Pradesh, Meghalaya; BHUTAN, TIBET, THAILAND, NEPAL.

**Gerbera maxima** (D. Don) Beauv. var. **glabrata** (Hook. f.) Kitam. in Fauna & Fl. Nepal Himal. 259. 1955. *Gerbera macrophylla* Benth. var. *glabrata* Hook. f., Fl. Brit. Ind. 3: 391. 1881.

Distrib.: INDIA: Sikkim, Meghalaya; NEPAL, BHUTAN.

**Gerbera nivea** (DC.) Sch.-Bip. in Fl. (Regensb.) 27: 780. 1844; Hook. f., Fl. Brit. Ind. 3: 290. 1881. *Greoseris nivea* DC., Prodr. 7: 18. 1838.

Distrib.: India: Assam; BHUTAN, NEPAL, W. TIBET, CHINA.

**Gerbera piloselloides** (L.) Cass., Dict. Sci. Nat. 18: 461. 1820; Hook. f., Fl. Brit. Ind. 3: 389. 1882. *Arnica piloselloides* L., Pl. Afr. Rar. 22. 1760.

Distrib.: INDIA: Meghalaya, Sikkim; NEPAL, BURMA, CHINA, S. AFRICA.

**GLOSSOCARDIA** Cass., Bull. Sci. Soc. Philom. Paris 1817: 138. 1817.

**Glossocardia bosvallea** (L. f.) DC. in Wight, Contrib. Bot. Ind. 19. 1834. *Verbesina bosvallea* L. f., Suppl. Pl. 379. 1781. *Glossocardia linearifolia* Cass., Dict. Sci. Nat. 19: 62. 1821; Hook. f., Fl. Brit. Ind. 3: 308. 1881.

Distrib.: INDIA: Uttar Pradesh, Delhi, Madhya Pradesh, Tamilnadu, Karnataka.

**Glossocardia setosa** Blatt. et Hallb. in J. Bombay Nat. Hist. Soc. 26: 536. 1919.

Distrib.: INDIA: Rajasthan. Endemic.

**GLOSSOGYNE** Cass., Dict. Sci. Nat. 51: 475. 1827; 59: 320- 1829.

**Glossogyne bidens** (Retz.) Alston in Trimen, Handb. Fl. Ceylon 6: 168. 1931. *Zinnia bidens* Retz. Obs. 5: 28. 1789. *Glossogyne pinnatifida* DC. in Wight, Contrib. 19. 1834 et Prodr. 5: 632. 1836; Hook. f., Fl. Brit. Ind. 3: 310. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh, W. Bengal, Bihar, Tamilnadu; SRI LANKA, BURMA, THAILAND, CHINA, PHILIPPINES.

**GNAPHALIUM** L., Sp. Pl. 850. 1753.

**Gnaphalium affine** D. Don. Prodr. Fl. Nepal. 173. 1825. *G. luteo-album auct. non L.*; Hook. f., Fl. Brit. Ind. 3: 288. 1881. *G. luteoalbum* L. var. *multiceps* DC., Prodr. 6: 222. 1838.

Distrib.: INDIA: Throughout India; PAKISTAN, NEPAL, AFGHANISTAN, BHUTAN, TIBET, CHINA, BURMA. INDO-CHINA, THAILAND, JAVA, JAPAN, PHILIPPINES, EUROPE.

**Gnaphalium flaccidum** Kurz in Clarke, Comp. Ind. 115. 1876; Hook. f., Fl. Brit. Ind. 3: 290. 1881.

Distrib.: INDIA: Bengal; BURMA.

**Gnaphalium hypoleucum** DC. in Wight, Contrib. Bot. Ind. 21. 1834; Hook. f., Fl. Brit. Ind. 3: 288. 1881: *G. luteo-album* L.

var. *pallidum* Hook. f., Fl. Brit. Ind. 3: 288. 1881.

Distrib.: INDIA: Throughout India; PAKISTAN, BHUTAN, TIBET, CHINA, BURMA. THAILAND, JAPAN, INDO-CHINA, PHILIPPINES, ABYSSINIA.

**Gnaphalium luteo-album** var. *jacqumontii* Tayal & Lalita in Bull. Bot. Surv. India 12 (1-4): 205. 1970.

Distrib.: INDIA: Uttar Pradesh.

**Gnaphalium pensylvanicum** Willd., Enum. Hort. Berol. 867. 1809; *G. peregrinum* Fernald in Rhodora 45: 479. t. 795. 1943.

Distrib.: INDIA: Uttar Pradesh, Punjab, Haryana, Orissa, Tamilnadu, Kerala; AMERICA.

**Gnaphalium polycaulon** Pers., Syn. 2: 421. 1807; *G. indicum auct. non L.*; Hook. f., Fl. Brit. Ind. 3: 289. 1881.

Distrib.: INDIA: Throughout India. (Plains) BURMA, CHINA, JAPAN, SENEGAL, AUSTRALIA.

**Gnaphalium pulvinatum** Delile, Fl. Egypt 122. t. 44. f. 1. 1812. 289. 1881. Hook. f. Fl. Brit. Ind. 3: 289. 1881.

Distrib.: INDIA: Jammu & Kashmir, Madhya Pradesh, Andhra Pradesh, Orissa; PAKISTAN, CHINA.

**Gnaphalium purpureum** L., Sp. Pl. 854. 1753; Hook. f., Fl. Brit. Ind. 3: 289. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh, Madhya Pradesh; PAKISTAN, JAPAN, NORTH & SOUTH AMERICA.

**Gnaphalium stewartii** Clarke ex Hook. f., Fl. Brit. Ind. 3: 289. 1881.

Distrib.: INDIA: Jammu & Kashmir;  
PAKISTAN, W. TIBET, CHINA.

**Gnaphalium thomsonii** Hook. f., Fl. Brit. Ind. 3: 290. 1881.

Distrib.: INDIA: Jammu & Kashmir;  
CHINA.

**GONIOCAULON** Cass. in Bull. Sci. Soc. Philom 1817: 34. 1817.

**Goniocaulon glabrum** Cass. in Bull. Sci. Soc. Philom. 1817: 34. 1817.

Distrib.: INDIA: Uttar Pradesh, Madhya Pradesh, Bihar, W. Bengal.

**GRANGEA** Adans., Fam. 2: 121. 563. 1763.

**Grangea maderaspatana** (L.) Poir. in Lam., Encycl. (Suppl. 2). 825. 1812; Hook. f., Fl. Brit. Ind. 3: 247. 1881. *Artemisia maderaspatana* L., Sp. Pl. 849. 1753.

Distrib.: INDIA: Assam, Meghalaya, Nagaland, W. Bengal, Bihar, Uttar Pradesh, Orissa, Madhya Pradesh, Maharashtra, Gujarat, Daman; AFRICA, SRI LANKA, CHINA, MALAYSIA.

**GUIZOTIA** Cass., Dict. Sci. Nat. 59: 237-248. 1829.

**Guizotia abyssinica** (L. f.) Cass. in Dict. Sci. Nat. 59: 248. 1829. *Polymia abyssinica* L. f., Sp. Pl. Suppl. 383. 1781. *Verbesina sativa* Roxb. ex Sims. in B. Mag. 26: t. 1017. 1807; Hook. f., Fl. Brit. Ind. 3: 308. 1881.

Distrib.: INDIA: Cultivated. A native of AFRICA.

**GYNURA** Cass., Dict. Sci. Nat. 34: 391. 1825.

**Gynura aurantiaca** (Bl.) DC., Prodr. 6: 300. 1838. *Cacalia aurantiaca* Bl. Bijdr. 908. 1826. *Crassocephalum crepidioides auct. non* (Benth.) Moore

Distrib.: INDIA: Uttar Pradesh, Tamilnadu, Karnataka; JAVA.

**Gynura cusimbua** (D. Don) Moore in J. Bot. 1: 212. 1912. *Cacalia cusimbua* D. Don, Prodr. Fl. Nep. 179. 1825. *Gynura angulosa* DC. Prodr. 6: 298. 1836; Hook. f., Fl. Brit. Ind. 3: 334. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Assam, Maharashtra, Goa; NEPAL, CHINA.

**Gynura cusimbua** (D. Don) Moore var. **petiolata** (Hook. f.) R. Mathur *comb. nov.* Basionym: *Gynura angulosa* DC. var. *petiolata* Hook. f., Fl. Brit. Ind. 3: 334. 1881.

Distrib.: INDIA: Sikkim, Assam, Meghalaya.

**Gynura lycopersifolia** DC., Prodr. 6: 300. 1838; Hook. f., Fl. Brit. Ind. 334. 1881.

Distrib.: South India; SRI LANKA.

**Gynura lycopersifolia** subsp. **taprobanensis** Grierson in J. Sci. Biol. Sc. 11: 20. 1974.

Distrib.: INDIA: Orissa, South India; SRI LANKA.

**Gynura nepalensis** DC., Prodr. 6: 300. 1838; Hook. f., Fl. Brit. Ind. 3: 333. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Sikkim, Assam; NEPAL, CHINA, BURMA, THAILAND.

**Gynura nitida** DC. in Wight. Contrib. Bot. Ind. 24: 1834; Hook. f., Fl. Brit. Ind. 3: 333. 1881.

Distrib.: INDIA: Orissa, Tamilnadu, Kerala, Maharashtra. Endemic.

**Gynura pseudochina** (L.) DC., Prodr. 6: 299. 1838; Hook f., Fl. Brit. Ind. 3: 334. 1881. *Senecio pseudochina* L., Sp. Pl. 867. 1753.

Distrib.: INDIA: Sikkim, Kerala; SRI LANKA, JAVA, CHINA, THAILAND, BURMA.

**Gynura travancorica** W.W. Smith in Rec. Bot. Surv. Ind. 6: 29. 1913.

Distrib.: INDIA: Tamilnadu, Kerala, Maharashtra. Endemic.

**HELIANTHUS** L., Sp. Pl. 904. 1753.

**Helianthus annuus** L., Sp. Pl. 904. 1753; Clarke, Comp. Ind. 139. 1876.

Distrib.: Cultivated as an ornamental plant. Cosmopolitan.

**Helianthus cucumerifolius** Torr. & Gray, Fl. N. Amer. 2: 319. 1842.

Distrib.: INDIA: Common in waste places. Native of N. AMERICA, CHINA.

**Helianthus scaberrimus** Ell., Sketch 2: 423. 1823; Raghvan *et al.* in Rec. Bot. Surv. India 11: 45. 1981.

Distrib.: INDIA: Gujarat; AMERICA.

**Helianthus tuberosus** L., Sp. Pl. 905. 1753.

Distrib.: INDIA: Jammu & Kashmir; CHINA. Extensively cultivated in China for edible tubers.

**HELICHRYSUM** P. Miller, Gard. Dict. Abr. ed. 4, 1754.

**Helichrysum bracteatum** (Vent.) Andr. Bot. Rep. sub. t. 428. 1805; Matthew in Rec. Bot. Surv. India 20 (1): 139. 1969. *Xeranthemum*

*bracteatum* Vent., Jard. Malm. tab. 2. 1803.

Distrib.: INDIA: Tamilnadu; CHINA, PANAMA. Widely distributed in the Old World. Cultivated in Hill stations.

**Helichrysum bracteatum** var. **albidum** DC., Prodr. 6: 189. 1838; Matthew in Rec. Bot. Surv. India 20 (1): 139. 1969.

Distrib.: INDIA: Tamilnadu

**Helichrysum buddleioides** DC. in Wight, Contrib. Bot. Ind. 20. 1834; Hook. f., Fl. Brit. Ind. 3: 290. 1881. var. **buddleioides**

Distrib.: INDIA: Tamilnadu, Karnataka; SRI LANKA.

**Helichrysum buddleioides** DC. var. **hookeriana** Hook. f., Fl. Brit. Ind. 3: 291. 1881.

Distrib.: INDIA: Madhya Pradesh, Kerala; SRI LANKA.

**Helichrysum cutchicum** (Clarke) Rolla Rao *et* Deshpande in Bull. Bot. Surv. Ind. 10 (2): 225. 1968. *Anaphalis cutchica* Clarke, Comp. Ind. 111. 1876.

Distrib.: INDIA: Gujarat. Endemic.

**Helichrysum perlanigerum** Gamble in Kew Bull. 1920: 341. 1920.

Distrib.: INDIA: Tamilnadu. Endemic.

**Helichrysum wightii** Clarke ex Hook. f., Fl. Brit. Ind. 3: 291. 1881.

Distrib.: INDIA: Tamilnadu. Endemic.

**HEMISTEPTA** Bunge ex Fischer *et* Mey., Index Sem. Hort. Bot. Petrop. 2: 38. 1835.

**Hemistepta lyrata** Bunge ex Fischer *et* Mey. in *Index Sem. Hort. Bot. Petrop.* 2: 38. 1835. *Saussurea affinis* Spreng. ex DC., *Prodr.* 6: 540. 1838; Hook. f., *Fl. Brit. Ind.* 3: 373. 1881.

Distrib.: INDIA: Uttar Pradesh, Arunachal Pradesh, Assam, Manipur, W. Bengal, Bihar; NEPAL, BURMA, CHINA, JAPAN, AUSTRALIA.

**HETEROPAPPUS** Less., *Syn. Comp.* 189. 1832.

**Heteropappus crenatifolius** (Hand.-Mazz.) Grierson in *Notes Roy. Bot. Gard. Edinb.* 26 (1): 152. 1964. *Aster crenatifolius* Hand.-Mazz. in *Acta Hort. Gotob.* 12: 217. 1938 *p.p.*

Distrib.: INDIA: Eastern Himalaya; NEPAL, TIBET, CHINA.

**Heteropappus gouldii** (Fischer) Grierson in *Notes Roy. Bot. Gard. Edinb.* 26 (1): 153. 1964. *Aster gouldii* Fischer in *Kew Bull.* 1938: 286. 1938.

Distrib.: INDIA: Jammu & Kashmir, Sikkim; NEPAL, TIBET.

**Heteropappus holohermaphroditus** Grierson in *Notes Roy. Bot. Gard. Edinb.* 26 (1): 155. 1964.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN.

**HIERACIUM** L., *Sp. Pl.* 799. 1753.

**Hieracium crocatum** Fries, *Symb. Hierac.* 183. Hook. f., *Fl. Brit. Ind.* 3: 400. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; TIBET

**Hieracium echioides** Lumnitz., *Fl. Poson.* 348. 1791.

Distrib.: INDIA: Jammu & Kashmir; CHINA.

**Hieracium prenanthoides** Vill., *Prosp.* 35. 1779; Hook. f., *Fl. Brit. Ind.* 3: 400. 1881.

Distrib.: INDIA: Jammu & Kashmir; CHINA.

**Hieracium umbellatum** L., *Sp. Pl.* 804. 1753; Hook. f., *Fl. Brit. Ind.* 3: 400. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; CHINA.

**Hieracium umbellatum** L. var **lanceolatum** Hook. f., *Fl. Brit. Ind.* 3: 400. 1881.

Distrib.: INDIA: Jammu & Kashmir.

**Hieracium virosum** Pall., *Reise 1:* 501. 1771; Hook. f., *Fl. Brit. Ind.* 3: 400. 1881.

Distrib.: INDIA: Jammu & Kashmir; CHINA.

**Hieracium vulgatum** Fries, *Nov. Fl. Suec. ed. 2,* 258. 1828; Hook. f., *Fl. Brit. Ind.* 3: 399. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; CHINA.

**HOCHSTETTERIA** DC., *Prodr.* 7: 287. 1838.

**Hochstetteria schimperii** DC., *Prodr.* 7: 287. 1838; Hook. f., *Fl. Brit. Ind.* 3: 388. 1881.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, SAUDI ARAB.

**HYMENATHERUM** Cass. in *Bull. Soc. Philom.* 1917: 12. 1817.

**Hymenatherum tenuifolium** Cass., *Dict. Sc. Nat.* 22: 314. 1821-22; Kaushik in *Bull. Bot. Surv. India* 11 (1 & 2): 51-69. 1969.

Distrib.: INDIA: Delhi, Madhya Pradesh, Karnataka (cultivated). Native of C. AMERICA, MEXICO, CHILI.

**HYPOCHAERIS** L. *Sp. Pl.* 810. 1753.

- Hypochaeris glabra** L., Sp. Pl. 810. 1753; Clarke, Camp. Ind. 258. 1876; Hook. f., Fl. Brit. India 3: 401. 1881.  
Distrib.: INDIA: Tamilnadu.
- Hypochaeris radicata** L., Sp. Pl. 811. 1753.  
Distrib.: INDIA: Tamilnadu, Assam;  
EUROPE, CHINA.
- IFLOGA** Cass. in Bull. Sci. Soc. Paris 1819: 142. 1819.
- Ifloga spicata** (Forssk.) Sch.-Bip. in Webb. & Benth., Phyt. Canar. 2: 310. 1836-1850. *Gnaphalium spicatum* Forssk., Fl. Aegypt. 122. 1775. *Ifloga fontanesii* Cass. in Dict. Sci. Nat. 23: 14. 1822; Hook. f., Fl. Brit. Ind. 3: 277. 1881.  
Distrib.: INDIA: Punjab, Haryana, Uttar Pradesh, Rajasthan; BHUTAN, PAKISTAN, CANARIES.
- INULA** L., Sp. Pl. 881. 1753.
- Inula acuminata** Royle ex DC., Prodr. 5: 471. 1836; Hook. f., Fl. Brit. Ind. 3: 294. 1881.  
Distrib.: INDIA: Jammu & Kashmir, W. Himalaya.
- Inula barbata** Wall. ex DC., Prodr. 5: 470. 1836. *I. grandiflora auct. non* Willd.; Hook. f., Fl. Brit. Ind. 3: 294. 1881.  
Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL, CAUCASUS.
- Inula brittanica** L., Sp. Pl. 882. 1753.  
Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, MONGOLIA, CHINA, HUNGARY, AUSTRIA, CZECHOSLOVAKIA, POLAND.
- Inula cappa** (Buch.-Ham. ex D. Don) DC., Prodr. 5: 469. 1836. *Conyza cappa* Buch.-Ham. ex D. Don, Prodr. Fl. Nepal. 176. 1825.  
Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Meghalaya, Manipur, Assam, Nagaland; BHUTAN, BURMA, CHINA, THAILAND, JAVA.
- Inula clarkei** (Hook. f.) Stewart in Nasir et Ali, Ann. Cat. Vas. Pl. W. Pak. 753. 1972. *I. obtusifolia* Kerner var. *clarkei* Hook. f., Fl. Brit. Ind. 3: 294. 1881.  
Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN.
- Inula cuspidata** (DC.) Clarke, Comp. Ind. 125. 1876; Hook. f., Fl. Brit. Ind. 3: 296. 1881. *Amphiraphis cuspidata* DC., Prodr. 5: 343. 1836.  
Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL, PAKISTAN, BHUTAN, CHINA.
- Inula eupatorioides** DC., Prodr. 5: 469. 1836; Hook. f., Fl. Brit. Ind. 3: 295. 1881.  
Distrib.: INDIA: Uttar Pradesh, Meghalaya, Nagaland; NEPAL, BHUTAN, BURMA, CHINA.
- Inula falconeri** Hook. f., Fl. Brit. Ind. 3: 294. 1881.  
Distrib.: INDIA: Jammu & Kashmir; TIBET, PAKISTAN.
- Inula grandiflora** Willd., Sp. Pl. 3: 2096. 1803; Hook. f., Fl. Brit. Ind. 3: 294. 1881.  
Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh; NEPAL, PAKISTAN, CAUCASUS.
- Inula grantioides** Boiss., Diagn. Ser. 2, 3: 14. 1856; Hook. f., Fl. Brit. Ind. 3: 296. 1881.  
Distrib.: INDIA: Gujarat; PAKISTAN.



- Inula grombczewskii*** Winkler in Acta Hort. Petrop. 14: 149. 1895.  
Distrib.: INDIA: Jammu & Kashmir.
- Inula hookeri*** Clarke, Comp. Ind. 122. 1876; Hook. f., Fl. Brit. Ind. 3: 294. 1881.  
Distrib.: INDIA: Sikkim, Arunachal Pradesh; NEPAL, BHUTAN, BURMA, CHINA.
- Inula kalapani*** Clarke, Comp. Ind. 123. 1876; Hook. f., Fl. Brit. Ind. 3: 295. 1881.  
Distrib.: INDIA: Meghalaya.
- Inula macrosperma*** Hook. f., Fl. Brit. Ind. 3: 292. 1881.  
Distrib.: INDIA: Sikkim.
- Inula nervosa*** Wall. ex DC., Prodr. 5: 471. 1836; Hook. f., Fl. Brit. Ind. 3: 293. 1881. *I. nervosa* Wall. ex DC. var. *purpurascens* Hook. f., Fl. Brit. Ind. 3: 293. 1881.  
Distrib.: INDIA: Uttar Pradesh, Meghalaya, Assam; BHUTAN, BURMA, THAILAND, CHINA.
- Inula obtusifolia*** Kerner, Nov. Sp. Jaeschke 18. 1870; Hook. f., Fl. Brit. Ind. 3: 293. 1881.  
Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN, CHINA.
- Inula racemosa*** Hook. f., Fl. Brit. Ind. 3: 292. 1881  
Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN, CHINA.
- Inula rhizocephala*** Schrenk var. *intermedia* Kitam., Fl. Pl. W. Pak. 150. 1964; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 755. 1972.  
Distrib.: INDIA: Jammu & Kashmir; TURKEY.
- Inula rhizocephala*** Schrenk var. *rhizocephaloides* (Clarke) Kitam., Fl. Pl. W. Pak. 151. 1964; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 755. 1972. *I. rhizocephaloides* Clarke, Comp. Ind. 124. 1876; Hook. f., Fl. Brit. Ind. 3: 295. 1881.  
Distrib.: INDIA: Jammu & Kashmir; TIBET, PAKISTAN.
- Inula royleana*** DC., Prodr. 5: 464. 1836; Hook. f., Fl. Brit. Ind. 3: 292. 1881.  
Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN.
- Inula rubricaulis*** (DC.) Clarke, Comp. Ind. 126. 1876; Hook. f., Fl. Brit. Ind. 3: 296. 1881. *Amphiraphis rubricaulis* DC., Prodr. 5: 343. 1836.  
Distrib.: INDIA: Uttar Pradesh, Sikkim, Assam, Meghalaya; NEPAL, BHUTAN, BURMA, CHINA.
- Inula simonsii*** Clarke, Comp. Ind. 121. 1876; Hook. f., Fl. Brit. Ind. 3: 293. 1881.  
Distrib.: INDIA: Assam; BHUTAN.
- Inula verrucosa*** Klatt in Sitzungsh. Akad. Wiss. Mhunch. 8: 86. 1878.  
Distrib.: INDIA: Jammu & Kashmir; CHINA.
- IXERIS** Cass., Dict. Sci. Nat. 25: 62. 1822.
- Ixeris gracilis*** (Wall. ex DC.) Stebb. in J. Bot. Lond. 75: 50. 1937. *Chondrilla* (*Crepis*) *gracilis* Wall. Cat. No. 3267. *nom. nud.* *Lactuca gracilis* Wall. ex DC., Prodr. 7:

140. 1838; Hook. f., Fl. Brit. Ind. 3: 410. 1881. *Lactuca gracilis* DC. var. *hasiana* Clarke ex Hook. f., Fl. Brit. Ind. 3: 411. 1881.

Distrib.: INDIA: Assam, Meghalaya, Sikkim; CHINA.

***Ixeris polycephala*** (Benth. & Hook. f.) Cass., Dict. Sci. Nat. 24: 50. 1937. *Lactuca polycephala* Benth. & Hook. f., Gen. Pl. 2: 526. 1873; Hook. f., Fl. Brit. Ind. 3: 410. 1881.

Distrib.: INDIA: Kashmir to Sikkim, Punjab, Bihar, W. Bengal; NEPAL, CHINA.

***Ixeris sagittarioides*** (Clarke) Stebb. in J. Bot. Lond. 75: 51. 1937. *Lactuca sagittarioides* Clarke, Comp. Ind. 265. 1876; Hook. f., Fl. Brit. Ind. 3: 410. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh.

**JURINEA** Cass. in Bull. Sci. Soc. Philom. Paris 1821: 140. 1821.

***Jurinea cooperi*** Anthony in Notes Roy. Bot. Gard. Edinb. 18: 21. 1933.

Distrib.: INDIA: Sikkim; TIBET, CHINA.

***Jurinea dolomiaea*** Boiss., Fl. Or. Suppl. 311. 1888. *J. macrocephala* (Royle) Clarke, Comp. Ind. 237. 1876, non DC. 1838; Hook. f., Fl. Brit. Ind. 3: 378. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL.

***Jurinea gnaphalioides*** Klatt in Sitzungshb. Munch. Akad. 96. 1878.

Distrib.: INDIA: Punjab.

***Jurinea himalaica*** Stewart in Nasir et Ali, Ann. Cat. Vas. Pl. W. Pak. 757. 1972.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.

***Jurinea himalaica*** var. *tibetica* Stewart in Nasir et Ali, Ann. Cat. Vas. Pl. W. Pak. 757. 1972.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.

***Jurinea modesta*** Boiss., Diagn. ser. 2, 3: 50. 1856.

Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN.

***Jurinea rosulata*** Klatt. in Sitzungsb. Munch. Akad. 96. 1878.

Distrib.: INDIA: Jammu & Kashmir.

**KLEINIA** P. Miller, Gard. Dict. Abr. ed. 4. 28. 1754.

***Kleinia balsamica*** (Dalz. & Gibs.) P. Halliday in Kew Bull. 42: 442. 1987. *Notonia balsamica* Dalz. & Gibs. Bombay Fl. 133. 1861.

Distrib.: INDIA: Maharashtra.

***Kleinia grandiflora*** (Wall. ex DC.) N. Rani in Matthew, Fl. Tamilnadu Carnatic 2: 801. 1983. *Notonia grandiflora* Wall. ex DC., Arch. Arch. Bot. (Paris) 2: 518. 1833; Hook. f., Fl. Brit. Ind. 3: 337. 1881.

Distrib.: INDIA: Tamilnadu, Karnataka; SRI LANKA, NEPAL.

***Kleinia grandiflora*** (DC.) N. Rani var. **major** (Ramasw.) Uniyal *comb. nov.* Basionym: *Notonia grandiflora* DC. var. *major* Ramasw. in Rec. Bot. Surv. Ind. 6 (5): 151. 1914.

Distrib.: INDIA: Tamilnadu.

***Kleinia shevaroyensis*** (Fyson) Uniyal *Comb. nov.* Basionym: *Notonia shevaroyensis* Fyson in J. Ind. Bot. Soc. 11: 49. 1932.

- Distrib.: INDIA: South India, Shevaroy hills.
- Kleinia walkeri** (Clarke) Uniyal *Comb. nov.*  
Basionym: *Notonia walkeri* Clarke, *Comp. Ind.* 176. 1876; Hook. f., *Fl. Brit. Ind.* 3: 337. 1881.
- Distrib.: INDIA: Tamilnadu; SRI LANKA.
- KOELPINIA** Pallas, *Reise* 3: 755. 1776.
- Koelpinia linearis** Pallas, *Reise* 3: 755. 1776; Hook. f., *Fl. Brit. Ind.* 3: 392. 1881.
- Distrib.: INDIA: Jammu & Kashmir; N. ASIA. W. ASIA.
- LACTUCA** L., *Sp. Pl.* 795. 1753.
- Lactuca benthamii** Clarke, *Comp. Ind.* 273. 1876; Hook. f., *Fl. Brit. Ind.* 3: 411. 1881.
- Distrib.: INDIA: Jammu & Kashmir. Endemic.
- Lactuca bracteata** Hook. f., *Fl. Brit. Ind.* 3: 409. 1881.
- Distrib.: INDIA: Sikkim, Assam, Himalaya.
- Lactuca brevirostris** Champ. ex Benth. in Hook. f., *Kew J.* 4: 237. 1852; Hook. f., *Fl. Brit. Ind.* 3: 405. 1881.
- Distrib.: INDIA: Eastern Himalaya, Assam, Meghalaya.
- Lactuca clarkei** Hook. f., *Fl. Brit. Ind.* 3: 406. 1881.
- Distrib.: INDIA: Jammu & Kashmir; W. TIBET.
- Lactuca cooperi** Anthony in *Notes Roy. Bot. Gard. Edinb.* 18: 198. 1934.
- Distrib.: INDIA: Sikkim. Endemic.
- Lactuca crambifolia** (Bunge) Boiss., *Fl. Orient.* 3: 806. 1875. *Steptorhamphus crambifolius* Bunge in *Mem. Sav. Entr. Pet.* 5: 381. 1851.
- Distrib.: INDIA: Jammu & Kashmir; TURKEY.
- Lactuca dolichophylla** Kitam. in *Fl. E. Himal.* 341. 1966. *L. longifolia* DC., *Prodr.* 7: 135. 1838; Hook. f., *Fl. Brit. Ind.* 3: 405. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh.
- Lactuca filicina** Duthie ex Stebbins in *Ind. For. Rec. n.s.* 1. Bot. 241. 1939.
- Distrib.: INDIA: Uttar Pradesh. Endemic.
- Lactuca graciliflora** DC., *Prodr.* 7: 139. 1838; Hook. f., *Fl. Brit. Ind.* 3: 406. 1881. *Prenanthes graciliflora* Wall. *Cat.* 3260. *nom. nud.*
- Distrib.: INDIA: Sikkim, Assam, W. Bengal, Himalaya; MALAYA.
- Lactuca kashmiriana** Mamgain & R.R. Rao in *J. Bombay Nat. Hist. Soc.* 83 (2): 406-408. 1986.
- Distrib.: INDIA: Jammu & Kashmir.
- Lactuca lahulensis** Mamgain & R.R. Rao in *Bull. Bot. Surv. India* 27: 120. 1985.
- Distrib.: INDIA: Himachal Pradesh.
- Lactuca lessertiana** (Wall. ex DC.) Clarke, *Comp. Ind.* 270. 1876; Hook. f., *Fl. Brit.*

- Ind. 3: 408. 1881. *Mulgedium lessertianum* Wall. ex DC., Prodr. 7: 251. 1838.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh.
- Lactuca lessertiana** (Wall. ex DC.) Clarke, subsp. **dentata** Stebbins in Ind. For. Rec. n.s. 1. Bot. 240. 1939.
- Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh.
- Lactuca lessertiana** (Wall. ex DC.) Clarke subsp. **lyrata** Stebbins in Ind. For. Rec. n.s. 1. Bot. 241. 1939.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh.
- Lactuca orientalis** Boiss., Fl. Or. 3: 819. 1875; Hook. f., Fl. Brit. Ind. 3: 404. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh.
- Lactuca quercina** L., Sp. Pl. 795. 1753.
- Distrib.: INDIA: Jammu & Kashmir; S. EUROPE, CAUCASUS.
- Lactuca rapunculoides** (DC.) Clarke, Comp. Ind. 268. 1876; Hook. f., Fl. Brit. Ind. 3: 407. 1881. *Mulgedium rapunculoides* DC., Prodr. 7: 249. 1838.
- Distrib.: INDIA: Madhya Pradesh, Maharashtra, Bihar, Daman.
- Lactuca runcinata** DC. in Wight, Contrib. Bot. Ind. 26. 1834; Hook. f., Fl. Brit. Ind. 3: 403. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Tamilnadu, Maharashtra, Diu, Rajasthan; SRI LANKA.
- Lactuca sativa** L., Sp. Pl. 795. 1753. *L. scariola* var. *sativa* Clarke, Comp. Ind. 263. 1876; Hook. f., Fl. Brit. Ind. 3: 404. 1881.
- Distrib.: INDIA: Himachal Pradesh, Manipur, W. Bengal, Bihar, Orissa.
- Lactuca serriola** L., Cent. Pl. 2: 29. 1756. *L. scariola* L., Sp. Pl. ed. 2: 1119. 1763; Hook. f., Fl. Brit. Ind. 3: 404. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN. U.S.S.R., TROPICAL AFRICA.
- Lactuca tatarica** (L.) C.A. Mey., Enum. Pl. Cauc. 56. 1812. var. **tibetica** Hook. f., Fl. Brit. Ind. 3: 406. 1881.
- Distrib.: INDIA: Jammu & Kashmir. Endemic.
- Lactuca undulata** Ledeb., Fl. Alt. 4: 156. 1833.
- Distrib.: INDIA: Jammu & Kashmir; N. ASIA, W. ASIA.
- LAGASCEA** Cav. in Anales Sci. Nat. 6: 331. 1803.
- Lagascea mollis** Cav. in Anales Sci. Nat. 6: 332. t. 44. 1803; Hook. f., Fl. Brit. Ind. 3: 302. 1881.
- Distrib.: A weed in cultivated places. Introduced from C. AMERICA.
- LAGENOPHORA** Cass. in Bull. Sci. Soc. Philom. 1818: 34. 1818.
- Lagenophora stipitata** (Labill.) Druce in Rep. Bot. Exch. Club. Brit. 1916. 630. 1917. *Bellis stipitata* Labill., Pl. Nov. Holl. 2: 55. t. 205. 1806. *Lavenophora billardieri* Cass. in Bull. Soc. Philom. 34. 1818.

Distrib.: INDIA: Meghalaya; AUSTRALIA.  
S.E. ASIA.

**LAGGERA** Sch.-Bip. ex Koch in *Linnaea*  
19: 391. 1847.

**Laggera alata** (D. Don) Sch.-Bip. ex Oliver  
in *Trans. Linn. Soc.* 29: 94. 1873; Hook. f.,  
*Fl. Brit. Ind.* 3: 271. 1881. *Erigeron alatum*  
D. Don, *Prodr. Fl. Nepal.* 171. 1825.

Distrib.: INDIA: Himachal Pradesh, Uttar  
Pradesh, Sikkim, Assam, Manipur,  
Bihar, Madhya Pradesh, Orissa,  
Tamilnadu, Karnataka, Western  
Ghats; BANGLADESH, SRI  
LANKA, BURMA, CHINA,  
THAILAND, JAVA,  
PHILIPPINES, EGYPT, AFRICA.

**Laggera aurita** (L. f.) Sch.-Bip. ex Clarke,  
*Comp. Ind.* 92. 1876; Hook. f., *Fl. Brit. Ind.*  
3: 271. 1881. *Conyza aurita* L. f., *Suppl.*  
367. 1781.

Distrib.: INDIA: Uttar Pradesh, Delhi,  
Madhya Pradesh, Bihar,  
Karnataka; BANGLADESH,  
PAKISTAN, BURMA, AFRICA.

**Laggera crispata** (Vahl) Hepper & Wood in  
*Kew Bull.* 38: 83. 1983. *Conyza crispata*  
Vahl, *Symb. Bot.* 1: 71. 1790. *Laggera*  
*pterodonta* (DC.) Sch.-Bip. ex Oliver in  
*Trans. Linn. Soc.* 29: 94. 1873; Hook. f., *Fl.*  
*Brit. Ind.* 3: 271. 1881. *Blumea pterodonta*  
DC. in Wight, *Contrib. Bot. Ind.* 16. 1834.

Distrib.: INDIA: Himachal Pradesh, Uttar  
Pradesh, Arunachal Pradesh,  
Assam, W. Bengal, Madhya  
Pradesh, Orissa, Tamilnadu,  
Karnataka; BURMA, SRI  
LANKA, CHINA, AFRICA.

**LAMPRACHAENIUM** Benth. in Benth. &  
Hook. f., *Gen. Pl.* ed. 2, 225. 1873.

**Lamprachaenium microcephalum** Benth. in  
Clarke, *Comp. Ind.* 5. 1876; Hook. f., *Fl.*  
*Brit. Ind.* 3: 299. 1881.

**LAPSANA** L., *Sp. Pl.* 811. 1753.

**Lapsana communis** L., *Sp. Pl.* 811. 1753 ;  
Hook. f., *Fl. Brit. Ind.* 3: 392. 1881.

Distrib.: INDIA: Jammu & Kashmir;  
PAKISTAN.

**LAUNAEA** Cass. in *Dict. Sci. Nat.* 25: 61,  
321. 1822.

**Launaea acaulis** (Roxb.) Babcock ex Kerr.  
in Graib., *Fl. Siam. Enum.* 2: 299. 1936.  
*Prenanthes acaulis* Roxb., *Fl. Ind.* ed. 2. 3:  
403. 1832. *Lactuca glabra* DC. in Wight,  
*Contrib. Bot. Ind.* 26. 1834; Hook. f., *Fl.*  
*Brit. Ind.* 3: 396. 1881.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh,  
Madhya Pradesh, Karnataka, W.  
Bengal, Orissa.

**Launaea aspleniifolia** (Willd.) Hook. f., *Fl.*  
*Brit. Ind.* 3: 415. 1881. *Prenanthes aspleni-*  
*folia* Willd., *Sp. Pl.* 3: 1540. 1803.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh,  
Delhi, W. Bengal, Madhya  
Pradesh, Bihar, Orissa, Andhra  
Pradesh, Andaman & Nicobar  
Islands.

**Launaea microcephala** Hook. f., *Fl. Brit.*  
*Ind.* 3: 415. 1881.

Distrib.: INDIA: Jammu & Kashmir;  
TIBET.

**Launaea polyclada** (Boiss.) Burkill, *Fl. Pl.*  
*Baluch.* 44. 1909. *Zollikoferia polyclada*  
Boiss., *Fl. Or.* 4: 827. 1875.

Distrib.: INDIA: Jammu & Kashmir.

**Launaea procumbens** (Roxb.) Ramayya & Rajagopal in Kew Bull. 23 (3): 465. 1969. *Prenanthes procumbens* Roxb., Fl. Ind. 3. 404. 1832; Hook. f., Fl. Brit. Ind. 3: 416. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Madhya Pradesh, Andhra Pradesh, Gujarat, Tamilnadu, Maharashtra, Rajasthan, W. Bengal, Uttar Pradesh.

**Launaea resedifolia** (L.) O. Ktze., Rev. Gen. Pl. 351. 1891. *Scorzonera resedifolia* L., Sp. Pl. 1198. 1753.

Distrib.: INDIA: Madhya Pradesh, Rajasthan, Punjab.

**Launaea sarmentosa** (Willd.) Sch.-Bip. ex Kuntze, Rev. Gen. Pl. 1: 350. 1891. *Prenanthes sarmentosa* Willd., Phyto. 10. t. 6. f. 2. 1794.

Distrib.: INDIA: Uttar Pradesh, W. Bengal, Orissa, Bihar, Andhra Pradesh, Tamilnadu, Maharashtra, Andaman & Nicobar Islands; MALESIA, E. AFRICA, MAURITIUS.

**Launaea secunda** (Royle ex Clarke) Hook. f., Fl. Brit. Ind. 3: 416. 1881. *Microrrhynchus secundus* Royle ex Clarke, Comp. Ind. 276. 1876.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh.

**LEIBNITZIA** Cass. in Diet. Sci. Nat. 25: 420. 1822.

**Leibnitzia nepalensis** (Ktze.) Kitam. in J. Jap.

Bot. 14: 297. 1938. *Cleistanthium nepalense* Ktze. in Bot. Zeit. 9: 350. 1851. *Gerbera kuntzeana* Braum & Aschers in App. Pl. Nov. ad. Cat. Sem. Hort. Berol. 3. 1871; Hook. f., Fl. Brit. Ind. 3: 390. 1881.

Distrib.: INDIA: Jammu & Kashmir; BHUTAN, TIBET

**Leibnitzia pusilla** (DC.) S. Gould in Hara et al., Enum. Fl. Pl. Nepal 3: 33. 1982. *Oreoseris pusilla* DC., Prodr. 7: 17. 1838. *Gerbera pusilla* (DC.) Sch.-Bip. in Fl. (Regensb.) 27: 780. 1854. *G. lanuginosa* var. *pusilla* (DC.) Hook. f., Fl. Brit. Ind. 3: 390. 1881.

Distrib.: INDIA: Uttar Pradesh; NEPAL, BHUTAN, S.W. CHINA, S.E. TIBET.

**Leibnitzia ruficoma** (Franch.) Kitam. in J. Jap. Bot. 14. 297. 1938. *Gerbera ruficoma* Franch. in J. de B. 2: 68. 1888.

Distrib.: INDIA: Himalayas; NEPAL, BHUTAN, CHINA, TIBET

**LEONTOPODIUM** (Pers.) R. Brown, observ. Compos. 124. 1817 (1818).

**Leontopodium brachyactis** Gand. in Bull. Soc. Bot. France 46: 420. 1900. *L. alpinum auct. non* Cass.; Hook. f., Fl. Brit. Ind. 3: 279. 1881 *p.p.*

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, PAKISTAN, AFGHANISTAN, W. TIBET

**Leontopodium haastioides** Hand.-Mazz. in Beih. Bot. Centralbl. (44)2: 115. 1927. *Antennaria muscoides* Hook. f. & Thoms. in Hook. f., Fl. Brit. Ind. 3: 278. 1881.

- Distrib.: INDIA: Sikkim; NEPAL,  
BHUTAN, S. TIBET.
- Leontopodium himalayanum** DC., Prodr. 6:  
276. 1838. *L. alpinum auct. non Cass.*; Hook.  
f., Fl. Brit. Ind. 3: 279. 1881 *p.p.*
- Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Sikkim;  
NEPAL, BHUTAN, CHINA,  
TIBET, CENTRAL ASIA.
- Leontopodium jacotianum** Beauv. in Bull.  
Soc. Bot. Geneve ser. 2, 1: 190. 373. t. 4.  
1909. *Antennaria muscoides* Hook. f. &  
Thoms. in Hook. f., Fl. Brit. Ind. 3: 278.  
1881. *p. p.*
- Distrib.: INDIA: Sikkim; NEPAL,  
BHUTAN, S. TIBET.
- Leontopodium leontopodium** (DC.) Hand.-  
Mazz. in Beih Bot. Centrabl. 44 (2): 118.  
127. f. 4. 1927. *Antennaria leontopodina* DC.,  
Prodr. 6: 269. 1838.
- Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh,  
Sikkim; PAKISTAN, NEPAL,  
BHUTAN, AFGHANISTAN, N.  
MONGOLIA, PAMIR, ALTAI,  
N. CHINA.
- Leontopodium monocephalum** Edgew. In  
Trans. Linn. Soc. 20: 73. 1846. *L. alpinum*  
*auct. non Cass.*; Hook. f., Fl. Brit. Ind. 3:  
279. 1881 *p.p.* *L. fimbrilligerum* J.R.  
Drumm. in Kew Bull. 1910 (3): 76. 1910.
- Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh,  
Sikkim; PAKISTAN, NEPAL,  
BHUTAN.
- Leontopodium nanum** (Hook. f. & Thoms.  
ex Clarke) Hand.-Mazz. in Beih Bot.  
Centralbl. 44 (2): 111. t. 2. f. 11-17. 1927.  
*Antennaria nana* Hook. f. & Thoms. ex  
Clarke, Comp. Ind. 100. 1876; Hook. f., Fl.  
Brit. Ind. 3: 278. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Uttar  
Pradesh; AFGHANISTAN,  
TIBET, CHINA.
- Leontopodium paradoxum** J.R. Drumm. in  
Kew Bull. 1910 (3): 77. 1910. *L. jacotianum*  
Beauv. var. *paradoxum* (Drumm.) Beauv. in  
Bull. Soc. Bot. Geneve 11. 4: 27. 1912.
- Distrib.: INDIA: Eastern Himalaya; TIBET.
- Leontopodium stracheyi** (Hook. f.) Clarke  
ex Hemsley in J. Linn. Soc. Bot. 30: 136.  
1894. *L. alpinum* Cass. var. *stracheyi* Hook.  
f., Fl. Brit. Ind. 3: 279. 1881.
- Distrib.: INDIA: Uttar Pradesh; NEPAL,  
BHUTAN, TIBET, CHINA.
- LEUCOMERIS** D. Don, Prodr. Fl. Nepal.  
169. 1825.
- Leucomeris decora** Kurz in J. Asiat. Soc.  
Beng. 41 (2): 317. 1872; Deb in Bull. Bot.  
Surv. Ind. 3 (3-4): 333. 1961.
- Distrib.: INDIA: Manipur, Mizoram;  
BURMA.
- Leucomeris spectabilis** D. Don, Prodr. Fl.  
Nepal. 179. 1825; Hook. f., Fl. Brit. Ind. 3:  
386. 1881.
- Distrib.: INDIA: Uttar Pradesh; NEPAL.

**LIGULARIA** Cass. in Bull. Sci. Soc. Philom. 198. 1816.

**Ligularia amplexicaulis** DC., Prodr. 6: 314. 1838. *Senecio amplexicaulis* Wall. ex Clarke, Comp. Ind. 204. 1876; Hook. f., Fl. Brit. Ind. 3: 348. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh, Sikkim; BHUTAN, ECUADOR.

**Ligularia dux** (Clarke) R. Mathur, *Comb. nov.* *Basionym*: *Senecio dux* Clarke in J. Linn. Soc. 25: 48. 1839.

Distrib.: INDIA: Sikkim. Endemic.

**Ligularia fischeri** (Ledeb.) Turcz. in Bull. S. Nat. Mosco 20: 11. 1847. *Cineraria fischeri* Ledeb., Ind. Sem. H. Dorpat. 17. 1820. *Senecio ligularia* var. *atkinsonii* Hook. f., Fl. Brit. Ind. 3: 350. 1881.

Distrib.: INDIA: Throughout Himalaya; BURMA, CHINA, MONGOLIA, E. SIBERIA, SAKHALIN, KOREA, JAPAN.

**Ligularia hookeri** (Clarke) Hand.-Mazz. in Engler Bot. Jahrb. 69: 127. 1938. *Cremanthodium hookeri* Clarke, Comp. Ind. 169. 1876; Hook. f., Fl. Brit. Ind. 3: 331. 1881.

Distrib.: INDIA: Sikkim; BHUTAN, NEPAL.

**Ligularia hookeri** subsp. *clarkei* f. *angustifolium* (R. Good) R. Mathur, *Comb. nov.* *Basionym*: *Cremanthodium hookeri* subsp. *clarkei* f. *angustifolium* R. Good in J. Linn. Soc. 48: 280. 1929.

Distrib.: INDIA: Sikkim.

**Ligularia hookeri** subsp. *clarkei* f. *latiligulatum* (R. Good) R. Mathur, *Comb. nov.*

*Basionym*: *Cremanthodium hookeri* subsp. *clarkei* f. *latiligulatum* R. Good in J. Linn. Soc. Bot. 48: 280. 1929.

Distrib.: INDIA: Sikkim.

**Ligularia hookeri** var. *polycephala* (R. Good) Hand.-Mazz. in Engler Bot. Jahrb. 69: 127. 1938. *Cremanthodium hookeri* subsp. *polycephalum* f. *regulare* R. Good in J. Linn. Soc. Bot. 48: 280. 1929. *Senecio calthaefolius* Hook. f., Fl. Brit. Ind. 3: 350. 1881.

Distrib.: INDIA: Himachal Pradesh, Sikkim.

**Ligularia jacquemontiana** (Decne.) Rau in High Alt. Fl. Plants 134. 1975. *Senecillis jacquemontiana* Decne. in Jacq. Voy. Bot. 90. t. 98. *Senecio jacquemontianus* (Decne.) Benth. ex Hook. f., Gen. Pl. 2: 449. 1873; Hook. f., Fl. Brit. Ind. 3: 350. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh.

**Ligularia japonica** (Thunb.) Less., Syn. Comp. 390. 1832. *Arnica japonica* Thunb. Fl. Jap. 319. 1784. *Senecio macranthus* Clarke, Comp. Ind. 205. 1876; Hook. f., Fl. Brit. Ind. 3: 349. 1881.

Distrib.: INDIA: Meghalaya; CHINA.

**Ligularia kingiana** (W.W. Smith) R. Mathur, *Comb. nov.* *Basionym*: *Senecio kingianus* W.W. Smith in J. Proc. As. Soc. Bengal 7: 71. 1911.

Distrib.: INDIA: Sikkim. Endemic.

**Ligularia pachycarpa** (Clarke ex Hook. f.) Kitam. in Hara, Fl. E. Himal. 2: 139. 1971. *Senecio pachycarpus* Clarke ex Hook. f., Fl. Brit. Ind. 3: 349. 1881

Distrib.: INDIA: Sikkim.



**Ligularia thomsoni** (Clarke) Pajrok in Spisok Rast. Herb. Fl. URSS 11: 165. 1949. *Senecio thomsoni* Clarke, Comp. Ind. 205. 1876; Hook. f., Fl. Brit. Ind. 3: 348. 1881.

Distrib.: INDIA: Jammu & Kashmir to Sikkim; NEPAL.

**Ligularia virgaurea** (Maxim.) Mattf. ex Rhder & Kobuski in J. Arn. Arb. 14: 40. 1933. *Senecio virga-aurea* Maxim. in Bull. Acad. Sci. St. Petersb. 27: 484. 1881. *S. lagotis* W.W. Smith in J. As. Soc. Bengal n.s. 7: 70. 1911.

Distrib.: INDIA: Himalayas; E. TIBET, W. CHINA.

**MATRICARIA** L., Sp. Pl. 890. 1753.

**Matricaria chamomilla** L., Sp. Pl. 891. 1753 et ed. 2. 1256. 1763; Hook. f., Fl. Brit. Ind. 3: 315. 1881.

Distrib.: INDIA: Jammu & Kashmir, Upper Gangetic Plain, Himachal Pradesh, Punjab; N. ASIA, EUROPE.

**Matricaria disciformis** DC., Prodr. 6: 51. 1838. *M. corymbifera* DC., Prodr. 7: 297. 1838.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, AFGHANISTAN, IRAN, ASIA MINOR.

**Matricaria parviflora** Poir., Encycl. Suppl. 608. 1820. *M. praecox* DC., Prodr. 6: 52. 1838; Hook. f., Fl. Brit. Ind. 3: 316. 1881.

Distrib.: INDIA: North-west India; PAKISTAN, PERSIA, ASIA MINOR, CAUCASUS.

**MICROGLOSSA** DC., Prodr. 5: 320. 1836.

**Microglossa pyrifolia** (Lamk.) O. Ktze., Rev.

Gen. 1: 353. 1891. *Conyza pyrifolia* Lamk. Encycl. 2: 89. *Microglossa volubilis* DC., Prodr. 5: 320. 1836; Hook. f., Fl. Brit. Ind. 3: 257. 1881.

Distrib.: INDIA: Sikkim, Assam, Meghalaya, Nagaland, Mizoram, Manipur; BANGLADESH, BURMA, CHINA, MALAY ISLANDS.

**MIKANIA** Willd., Sp. Pl. 3 (3): 1742. 1803. *nom. cons.*

**Mikania micrantha** Kunth in H.B.K., Nov. Gen. Sp. 4: 134. 1820. *M. scandens auct. non* Willd.; Hook. f., Fl. Brit. Ind. 3: 244. 1881.

Distrib.: INDIA: Assam, Arunachal Pradesh, W. Bengal, South India; SINGAPORE, BURMA, MALAY PENINSULA, PHILIPPINES, THAILAND, TAIWAN.

**MONTANOA** La Llave et Lexarza, Nov. Veg. Descr. 2: 11. 1825.

**Montanoa bipinnatifida** C. Koch. Wochensch. Virenses Befard. Gaertn. Konigl. Preuss. Staoten 7: 406. 1864; Matthew in Rec. Bot. Surv. Ind. 20: 141. 1969.

Distrib.: INDIA: Tamilnadu; MEXICO to COLUMBIA.

**MOONIA** Arnott, Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur. 18: 348. 1836.

**Moonia arnottiana** Wight, Ic. t. 1015. 1845. *Chrysogonum arnottianum* Clarke, Comp. Ind. 132. 1876; Hook. f., Fl. Brit. Ind. 3: 303. 1881.

- Distrib.: INDIA: Tamilnadu.
- Moonia heterophylla** Arn. Nova Acta Phys. Med. Acad. Cass. Leop. Carol. Nat. Cur. 18: 349. 1836. *Chrysogonum heterophyllum* (Arn.) Clarke, Comp. Ind. 132. 1876; Hook. f., Fl. Brit. Ind. 3: 303. 1881.
- Distrib.: INDIA: Tamilnadu; SRI LANKA.
- MYRIACTIS** Less. in Linnæa 6: 127. 1831.
- Myriactis assamensis** Fischer in Kew Bull. 35. 1940.
- Distrib.: INDIA: Meghalaya, Nagaland. Endemic.
- Myriactis javanica** (Bl.) DC., Prodr. 5: 308. 1836; Hook. f., Fl. Brit. Ind. 3: 247. 1881. (under *M. wightii* as synonym) *Bellis javanica* Bl., Bijdr. 917. 1826.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; JAVA.
- Myriactis nepalensis** Less. in Linnæa 6: 128. t. 2. 1831; Hook. f., Fl. Brit. Ind. 3: 247. 1881.
- Distrib.: INDIA: Temperate Himalaya; AFGHANISTAN, IRAN, BHUTAN, CHINA, INDOCHINA, JAVA, CENTRAL ASIA.
- Myriactis wallichii** Less. in Linnæa 6: 129. 1831; Hook. f., Fl. Brit. India 3: 247. 1881.
- Distrib.: INDIA: Uttar Pradesh, Himachal Pradesh.
- Myriactis wightii** DC. in Wight, Contrib. Bot. Ind. 10. 1834; Hook. f., Fl. Brit. Ind. 3: 247. 1881.
- Distrib.: INDIA: S. India; SRI LANKA.
- Myriactis wightii** DC. var. **bellidioides** Hook. f., Fl. Brit. Ind. 3: 247. 1881.
- Distrib.: INDIA: Tamilnadu. Endemic.
- NANNOGLOTTIS** Maxim. in Bull. Acad. Imp. Sci. St. Petersb. 27: 480. 1881.
- Nannoglottis hookeri** (Clarke ex Hook. f.) Kitam. in Acta Phyt. Geobot. 31: 50. 1980. *Doronicum hookeri* Clarke ex Hook. f. Fl. Brit. Ind. 3: 222. 1881.
- Distrib.: INDIA: Sikkim; NEPAL
- NANOTHAMNUS** Thoms. in J. Linn. Soc. Bot. 9: 342. 1867.
- Nanothamnus sericeus** Thoms. in J. Linn. Soc. Bot. 9: 342. t. 3. 1867; Hook. f., Fl. Brit. Ind. 3: 273. 1881.
- Distrib.: INDIA: South India, Karnataka, Maharashtra. Endemic.
- OLGAEA** Iljin, Bot. Mater. Gerb. Bot. Sada RSFSR 3: 141. 1922.
- Olgaea thomsonii** (Hook. f.) Iljin in Not. Syst. Herb. Hort. Petrop. 2: 142. 1922. *Carduus thomsonii* Hook. f., Fl. Brit. Ind. 3: 361. 1881
- Distrib.: INDIA: Jammu & Kashmir. Endemic.
- ONOPORDUM** L., SP. PL. 827. 1753.
- Onopordum acanthium** L., Sp. Pl. 827. 1753; Rau & Rao in Bull. Bot. Surv. India 2: 325. 1960. ("Onopordon")

Distrib.: INDIA: Jammu & Kashmir;  
EUROPE, AMERICA.

**PARTHENIUM** L., Sp. Pl. 988. 1753.

**Parthenium hysterophorus** L., Sp. Pl. 988. 1753; Rao in J. Bombay Nat. Hist. Soc. 54: 218. 1956.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, W. Bengal, Bihar, Tamilnadu, Karnataka, Maharashtra, Madhya Pradesh, Assam. Native of AMERICA.

**PEGOLETTIA** Cass., Dict. Sci. Nat. 38: 230. 1825.

**Pegolettia senegalensis** Cass. in Dict. Sci. Nat. 38: 230. 1825; Blatter in J. Bombay Nat. Hist. Soc. 26: 534. 1919.

Distrib.: INDIA: Rajasthan; TROPICAL AFRICA.

**PENTANEMA** Cass. in Bull. Sci. Soc. Philom. 1818: 74. 1818.

**Pentanema cernuum** (Dalz. & Gibs.) Ling in Phyt. Sin. 110: 180. 1965. *Vicoa cernua* Dalz. & Gibs., Bombay Fl. 126. 1861; Hook. f. Fl. Brit. Ind. 3: 297. 1881.

Distrib.: INDIA: Madhya Pradesh, Maharashtra; CHINA.

**Pentanema indicum** (L.) Ling in Acta Phyt. Sin. 10: 179. 1965. *Inula indica* L., Sp. Pl. ed. 2. 1937. *Vicoa auriculata* Cass. in Ann. Sci. Nat. ser. 1. 17: 418. 1829; Hook. f., Fl. Brit. Ind. 3: 247. 1881. *V. indica* (L.) DC. in Wight, Contrib. Bot. Ind. 10. 1834.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN, BURMA, CHINA, SRI LANKA, THAILAND, AFRICA.

**Pentanema vestitum** (Wall. ex DC.) Ling in Acta Phyt. Sin. 10: 180. 1965. *Inula vestita* Wall. ex DC., Prodr. 5: 470. 1836. *Vicoa vestita* (Wall. ex DC.) Benth. ex Hook. f., Fl. Brit. Ind. 3: 297. 1881.

Distrib.: INDIA: Sikkim; TIBET. PAKISTAN, AFGHANISTAN.

**PETASITES** Miller, Gard. Dict. Abr. ed. 4, 111. 1754.

**Petasites albus** (L.) Gaertn., Fruct. Sem. Pl. 2: 406. 1791. *Tussilago alba* L., Sp. Pl. 856. 1753.

Distrib.: INDIA: Arunachal Pradesh; N. & C. EUROPE, C. RUSSIA, W. ASIA.

**Petasites Kamengicus** Deb in Ind. For. 93 (4): 245-257. 1967.

Distrib.: INDIA: Arunachal Pradesh. Endemic.

**Petasites tricholobus** Franch. in Mour. Arch. Mus. Hist. Nat. Paris ser. 2, 6: 52. 1883. *P. himalaicus* Kitam. in Acta. Phyt. Geobot. 15: 108. 1954.

Distrib.: INDIA: Himalayas, Assam; NEPAL, TIBET, CHINA, VIETNAM, TAIWAN, MONGOLIA.

**PHAGNALON** Cass. in Bull. Sci. Soc. Philom. Paris 1819: 174. 1819.

**Phagnalon niveum** Edgew. in Trans. Linn. Soc. 20: 68. 1846; Hook. f., Fl. Brit. Ind. 3: 288. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; TIBET, AFGHANISTAN, PAKISTAN, NEPAL.

**PHYLLOCEPHALUM** Bl., Bijdr. 888. 1826.

**Phyllocephalum courtallense** (Wight) Narayana in Curr. Sci. 51: 438. 1982. *Decaneuron courtallense* Wight, Ic. t. 1081. 1846. *Centratherum courtallense* (Wight) Benth. ex Hook. f., Fl. Brit. Ind. 3: 227. 1881.

Distrib.: INDIA: Tamilnadu, Kerala. Endemic.

**Phyllocephalum indicum** (Less.) Kirkman in Rhodora 83: 12. 1981. *Amphirhapis indica* Less. in Linnaea 6: 686. 1831. *Centratherum reticulatum* (DC.) Benth. in Benth. & Hook. f., Gen. Pl. 2: 225. 1873; Hook. f., Fl. Brit. Ind. 3: 227. 1881.

Distrib.: INDIA: Tamilnadu, Madhya Pradesh; SRI LANKA.

**Phyllocephalum mayurii** (Fischer) Narayana in Curr. Sci. 51: 438. 1982. *Centratherum mayurii* Fischer in Kew Bull. 1940: 45. 1940. Distrib.: INDIA: Karnataka.

**Phyllocephalum phyllolaenum** (DC.) Narayana in Curr. Sci. 51: 438. 1982. *Decaneuron phyllolaenum* DC., Prodr. 7: 264. 1839. *Centratherum phyllolaenum* (DC.) Benth. ex Clarke, Comp. Ind. 4. 1876; Hook. f., Fl. Brit. Ind. 3: 228. 1881.

Distrib.: INDIA: Maharashtra, Karnataka, Gujarat, Goa, Rajasthan.

**Phyllocephalum rangacharii** (Gamble) Narayana in Curr. Sci. 51: 438. 1982. *Centratherum rangacharii* Gamble in Kew Bull. 1920: 339. 1920.

Distrib.: INDIA: Tamilnadu, Kerala.

**Phyllocephalum ritchiei** (Hook. f.) Narayana in Curr. Sci. 51: 438. 1982. *Centratherum ritchiei* Hook. f., Fl. Brit. Ind. 3: 228. 1881.

Distrib.: INDIA: Maharashtra, Karnataka.

**Phyllocephalum scabridum** (DC.) Kirkman in Rhodora 83 (833): 10. 1981. *Decaneuron scabridum* DC. in Wight, Contrib. Bot. Ind. 7. 1834. *Centratherum molle* (DC.) Benth. & Hook. f., Gen. Pl. 225. 1873; Hook. f., Fl. Brit. Ind. 3: 227. 1881.

Distrib.: INDIA: Tamilnadu, Karnataka, Kerala, Maharashtra, Goa, Gujarat, Madhya Pradesh.

**Phyllocephalum sengaltherianum** (Narayana) Narayana in Curr. Sci. 51 (8): 438. 1982. *Centratherum sengaltherianum* Narayana in Curr. Sci. 50: 279. 1981.

Distrib.: INDIA: Tamilnadu.

**Phyllocephalum tenue** (Clarke) Narayana in Curr. Sci. 51: 439. 1982. *Centratherum tenue* Clarke, Comp. Ind. 4. 1876; Hook. f., Fl. Brit. Ind. 3: 228. 1881.

Distrib.: INDIA: Peninsular India.

**PICRIS** L., Sp. Pl. 792. 1753.

**Picris hieracioides** L., Sp. Pl. 792. 1753; Hook. f., Fl. Brit. Ind. 3: 393. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; EUROPE, TEMPERATE ASIA, AUSTRALIA, NEWZEALAND.

**Picris hieracioides** L. subsp. **nuristanica**  
Kitam. in Acta Phyt. Geobot. 27: 37. 1957.

Distrib.: INDIA: Jammu & Kashmir.

**Picris hieracioides** L. subsp. **kaimaensis**  
Kitam. in Acta Phyt. Geobot. 8: 127. 1939.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh,  
Sikkim, Meghalaya; NEPAL,  
BHUTAN, PAKISTAN.

**PLUCHEA** Cass. in Bull. Sci. Soc. Philom.  
Paris 1817: 31. 1817.

**Pluchea indica** (L.) Less. in Linnaea 6: 150.  
1831; Hook. f., Fl. Brit. Ind. 3: 272. 1881.  
*Baccharis indica* L., Sp. Pl. 861. 1753.

Distrib.: INDIA: W. Bengal, Andaman, &  
Nicobar Islands; PHILIPPINES,  
BURMA, BANGLADESH,  
TENNASERIM PROVINCE,  
MALACCA, PENANG, MALAY  
ISLANDS, CHINA, TROPICAL  
ASIA, AUSTRALIA.

**Pluchea lanceolata** (DC.) Clarke, Comp. Ind.  
94. 1876; Hook. f., Fl. Brit. Ind. 3: 272.  
1881. *Berthelotia lanceolata* DC., Prodr. 5:  
376. 1836.

Distrib.: INDIA: Uttar Pradesh, W. Bengal,  
Maharashtra, Gujarat, Rajasthan,  
Punjab; PAKISTAN,  
AFGHANISTAN, AFRICA.

**Pluchea linearifolia** Clarke, Comp. Ind. 95.  
1876; Hook. f., Fl. Brit. Ind. 3: 273. 1881.

Distrib.: INDIA: Assam, Meghalaya,  
Arunachal Pradesh, South India.

**Pluchea tomentosa** DC. in Wight, Contrib.  
Bot. Ind. 16. 1834; Hook. f., Fl. Brit. Ind.  
3: 272. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar  
Pradesh, W. Bengal, Madhya  
Pradesh, Kerala, Karnataka,  
Maharashtra; PAKISTAN.

**Pluchea wallichiana** DC., Prodr. 5: 451.  
1836; Hook. f. Fl. Brit. Ind. 3: 272. 1881.

Distrib.: INDIA: Rajasthan, Gujarat,  
Punjab; South India; PAKISTAN.

**PRENANTHES** L., Sp. Pl. 797. 1753.

**Prenanthes brunoniana** Wall. ex DC., Prodr.  
7: 195. 1838; Hook. f., Fl. Brit. Ind. 3: 411.  
1881.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh.

**Prenanthes hookeri** Clarke ex Hook. f., Fl.  
Brit. Ind. 3: 412. 1881.

Distrib.: INDIA: Eastern Himalaya;  
BURMA.

**Prenanthes khasiana** Clarke, Comp. Ind.  
273. 1876; Hook. f., Fl. Brit. Ind. 3: 411.  
1881.

Distrib.: INDIA: Meghalaya. Endemic.

**Prenanthes scandens** Hook. f. & Thoms. ex  
Clarke, Comp. Ind. 274. 1876; Hook. f., Fl.  
Brit. Ind. 3: 413. 1881.

Distrib.: INDIA: Eastern Himalaya,  
Sikkim.

**Prenanthes sikkimensis** Hook. f., Fl. Brit.  
Ind. 3: 412. 1881.

Distrib.: INDIA: Jammu and Kashmir, Uttar Pradesh, Sikkim.

**Prenanthes violaefolia** Decne. in Jacquem., Voy. 4. Bot. 100. t. 108. 1844; Hook. f., Fl. Brit. Ind. 3: 412. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Assam, Meghalaya.

**PSEUDOELEPHANTOPUS** Rohr. Skr. Natur. hist. Selsk. 2 (1): 214. 1792.

**Pseudoelephantopus spicatus** (Juss. ex Aubl.) Rohr. ex Gleason in Bull. N.Y. Bot. Gard. 4: 242. 1906; Dutta & Mitra in Ind. For. 87 (5): 308. 1961. *Elephantopus spicatus* Juss. ex Aubl. Hist. Pl. Guire 2: 808. 1775.

Distrib.: INDIA: Uttar Pradesh, W. Bengal; JAVA, AMERICA, AFRICA, HONGKONG, TAIWAN, PHILIPPINES.

**PSEUDOJACOBAEA** (Hook. f.) R. Mathur, Comb. et stat nov. *Senecio* Sect. *Pseudojacobaea* Hook. f., Fl. Brit. Ind. 3: 343. 1881.

**Pseudojacobaea lavandulaefolius** (DC.) R. Mathur, Comb. nov. *Basionym: Senecio lavandulaefolius* DC., Prodr. 6: 367. 1838; Hook. f., Fl. Brit. Ind. 3: 343. 1881.

Distrib.: INDIA: Tamilnadu, Kerala. Endemic.

**PSIADIA** Jacq., Schoenbr. 2: 13. f. 152. 1797.

**Psiadia ceylanica** (Arn.) Grierson in Ceyl. J. Sci. Biol. 10: 52. 1972. *Solidago ceylanica* Arn., Nov. Acta. Phys. Mad. Acad. Caes. Leop. Contrib. Nat. Cur. 18: 347. 1836.

*Microglossa zeylanica* (Arn.) Benth. in Benth. et Hook. f., Gen. Pl. 2: 282. 1873; Hook. f., Fl. Brit. Ind. 3: 257. 1881.

Distrib.: INDIA: Tamilnadu, Kerala; SRI LANKA.

**Psiadia ceylanica** (Arn.) Grierson var. **beddomei** (Gamble) Chandrasekaran in Henry et al. Fl. Tamilnadu 2: 46. 1987. *Microglossa zeylanica* var. *beddomei* Gamble, Fl. Madras 2: 479. 1957 (rep. ed.).

Distrib.: INDIA: Tamilnadu. Endemic.

**PSYCHROGETON** Boiss., Fl. Or. 3: 156. 1875.

**Psychrogeton andryaloides** (DC.) Novopkr. ex Krasch. in Acta Inst. Bot. Acad. Sci. URSS Ser. 1. Fasc. 3: 343. 1937. var. **andryaloides**. *Erigeron andryaloides* (DC.) Benth. ex Clarke, Comp. Ind. 52. 1876; Hook. f., Fl. Brit. Ind. 3: 255. 1881. *Conyza andryaloides* DC., Prodr. 5: 377. 1836.

Distrib.: INDIA; Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; TIBET, U.S.S.R.

**Psychrogeton andryaloides** var. **denudatus** (Botsch.) Grierson in Notes Roy. Bot. Gard. Edinb. 27 (2): 115. 1967. *Erigeron poncinsii* (Franch.) Botsch. var. *denudatus* Botsch. in Not. Syst. Herb. Inst. Bot. Acad. Sci. URSS 6. 1959.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; U.S.S.R.

**Psychrogeton andryaloides** var. **poncinsii** (Franch.) Grierson in Notes Roy. Bot. Gard. Edinb. 27 (2): 115. 1967. *Erigeron poncinsii* (Franch.) Botsch. in Bot. Syst. Herb. Inst. Bot. Acad. Sci. URSS 6. 1969.

Distrib.: INDIA: Jammu & Kashmir; U.S.S.R.

- PTEROCAULON** Elliot, Sketch. Bot. 2: 323. 1823.
- Pterocaulon redolens** (Forst. f. ex Willd.) F. Villar, Novis App. Blanco Fl. Phillip. ed. 3: 116. 1880. *Gnaphalium redolens* Forst. f., Prodr. 91. 1786. *nom. nud.* *Conyza redolens* Willd., Sp. Pl. 3: 1951. 1803; *P. cylindrostachyum* Clarke, Comp. Ind. 98. 1876; Hook. f. Fl. Brit. Ind. 3: 275. 1881.
- Distrib.: INDIA: Orissa; BURMA, CHINA, PHILIPPINES, NEW CALEDONIA, AUSTRALIA, MALAYA.
- PULICARIA** J. Gaertn., Fruct. 2: 461. 1791.
- Pulicaria angustifolia** DC., Prodr. 5: 479. 1836; Hook. f., Fl. Brit. Ind. 3: 299. 1881.
- Distrib.: INDIA: Uttar Pradesh, Madhya Pradesh, Orissa, Karnataka, Gujarat, Rajasthan; PAKISTAN.
- Pulicaria crispa** (Forssk.) Benth. in Benth. *et* Hook. f., Gen. Pl. 2: 336. 1873; Hook. f., Fl. Brit. Ind. 3: 299. 1881. *Aster crispa* Forssk. in Fl. Aegypt-Arab. 150. 1775.
- Distrib.: INDIA: Uttar Pradesh, Bihar, Gujarat, Rajasthan, Haryana, Madhya Pradesh, Punjab; PAKISTAN, ARABIA, AFRICA, CANARY ISLANDS.
- Pulicaria dysenterica** (L.) Gaertn., Fruct. 2: 462. 1791; Hook. f., Fl. Brit. Ind. 3: 298. 1881. *Inula dysenterica* L., Sp. Pl. 882. 1753.
- Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, ALGERIA, U.S.S.R., EUROPE.
- Pulicaria foliolosa** DC., Prodr. 5: 480. 1836; Hook. f., Fl. Brit. Ind. 3: 298. 1881.
- Distrib.: INDIA: Uttar Pradesh, Sikkim, Bihar, Orissa, W. Bengal, Madhya Pradesh; PAKISTAN, AFGHANISTAN.
- Pulicaria glaucescens** Jaub. & Spach., Illus. Pl. Or. 4: 79. t. 349. 1853.
- Distrib.: INDIA: Punjab; PAKISTAN, IRAN.
- Pulicaria gnaphalodes** (Vent.) Boiss., Diagn. ser. 16: 76. 1854; Hook. f., Fl. Brit. Ind. 3: 299. 1881. *Inula gnaphalodes* Vent. Pl. Rar. Cels. t. 75. 1800.
- Distrib.: INDIA: Jammu & Kashmir; W. TIBET, AFGHANISTAN, PERSIA, TURKEY.
- Pulicaria petiolaris** Jaub. & Spach., Illus. Pl. Or. 69. t. 344. 1852.
- Distrib.: INDIA: Jammu & Kashmir to Sikkim; NEPAL, ARABIA.
- Pulicaria rajputanae** Blatt. & Hallb. in J. Bombay Nat. Hist. Soc. 26: 535. 1919.
- Distrib.: INDIA: Rajasthan.
- Pulicaria salviaefolia** Bunge in Mem. Scw. Etrang. Petersb. 7: 331. 1851; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 771. 1972.
- Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, CENTRAL ASIA.
- Pulicaria vulgaris** Gaertn., Fruct. 2: 461. t. 173. 1791; Hook. f., Fl. Brit. Ind. 3: 298. 1881.
- Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, CENTRAL & NORTH ASIA, AFGHANISTAN,

PERSIA, ALGERIA, U.K.,  
BULGARIA, CAUCASUS.

**Pulicaria wightiana** (DC.) Clarke, Comp. Ind. 118. 1876; Hook. f., Fl. Brit. Ind. 3: 298. 1881. *Poloa wightiana* DC. in Guill. Arch. Bot. 2: 515. 1833.

Distrib.: INDIA: Madhya Pradesh, Karnataka, Maharashtra, Goa, Tamilnadu.

**REICHARDIA** A.W. Roth, Bot. Abh. Beob. 35. 1787.

**Reichardia tingitana** (L.) Roth, Bot. Abh. 35. 1787. *Scorzonera tingitana* L., Sp. Pl. 791. 1753. *Picridium tingitanum* Desf. Hook. f., Fl. Brit. Ind. 3: 413. 1881.

Distrib.: INDIA: W. Bengal, Rajasthan.

**RHYNCHOSPERMUM** Reinw. in Syll. Pl. Nov. 2: 7. 1825.

**Rhynchospermum verticillatum** Reinw. in Syll. Pl. nov. Ratisbon 2: 8. 1825; Hook. f., Fl. Brit. Ind. 3. 248. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Meghalaya, Nagaland; BURMA, JAPAN, MALAYA, JAVA.

**SAUSSUREA** DC. in Ann. Mus. Hist. Naturs. Paris 16: 156 et 198. 1810.

**Saussurea abnormis** Lipschitz in B.J. URSS. 56: 826. 1971. *S. neglecta* Ludlow in Bull. Brit. Mus. (Nat. Hist.) B. 5: 279. t. 23A, f. 4. 1976; Maiti in J. Econ. Taxon. Bot. 3 (2): 669-671. 1982.

Distrib.: INDIA: Uttar Pradesh; NEPAL.

**Saussurea albescens** (DC.) Sch.-Bip. in Linnaea 19: 330. 1846; Hook. f., Fl. Brit. Ind. 3: 374. 1881. *Aplotaxis albescens* DC., Prodr. 6: 540. 1838.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL, PAKISTAN, AFGHANISTAN, W. TIBET.

**Saussurea andersoni** Clarke, Comp. Ind. 226. 1876; Hook. f., Fl. Brit. Ind. 3: 370. 1881.

Distrib.: Sikkim, W. Bengal. Endemic.

**Saussurea andryaloides** (DC.) Sch.-Bip. in Linnaea. 19. 331. 1846. *Aplotaxis andryaloides* DC., Prodr. 6: 542. 1838. *Saussurea falconeri* Hook. f., Fl. Brit. Ind. 3: 369. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; W. TIBET, PAKISTAN.

**Saussurea aster** Hemsl. in J. Linn. Soc. 30: 115. 1894; Stewart in Nasir et Ali, Ann. Cat. Vas. Pl. W. Pak. 772. 1972.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; TIBET.

**Saussurea atkinsonii** Clarke, Comp. Ind. 224. 1876; Hook. f., Fl. Brit. Ind. 3: 367. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh. Endemic.

**Saussurea auriculata** (Spreng. ex DC.) Sch.-Bip. in Linnaea 19: 331. 1846. *Aplotaxis auriculata* Spreng. ex DC., Prodr. 6: 541. 1838. *S. hypoleuca* Clarke, Comp. Ind. 234. 1876; Hook. f., Fl. Brit. Ind. 3: 374. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN.



**Saussurea bracteata** Decne. in Jacq., Voy. Ind. 94. t. 102. 1843; Hook. f., Fl. Brit. Ind. 3: 366. 1881. *S. schultzi* Hook. f., Fl. Brit. Ind. 3: 368. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN, C. ASIA.

**Saussurea caespitosa** (DC.) Wall. ex Sch.-Bip. in Linnaea 19: 330. 1846. *Aplotaxis caespitosa* DC., Prodr. 6: 539. 1838. *Saussurea taraxacifolia* auct.; Hook. f., Fl. Brit. Ind. 3: 368. 1881 *p. p.*

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL.

**Saussurea candolleana** Wall. ex DC., Prodr. 6: 541. 1838. *pro syn. S. candolleana* Wall. ex Sch.-Bip. in Linnaea 19: 331. 1846; Hook. f., Fl. Brit. Ind. 3: 372. 1881.

Distrib.: INDIA; Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN, PAKISTAN.

**Saussurea ceratocarpa** Decne. in Jacq. Voy. Ind. 4: 93. t. 101. 1843 *et in* Walp. Repert. Bot. Syst. 2: 668. 1843. *Jurinea ceratocarpa* (Decne.) Benth. in Benth. *et* Hook. f., Gen. Pl. 2: 474. 1873; Hook. f., Fl. Brit. Ind. 3: 378. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Madhya Pradesh.

**Saussurea ceratocarpa** Decne. var. *depressa* (Clarke ex Hook. f.) Lipschitz, Rod Saussurea 42. 1979. *Jurinea ceratocarpa* Benth. var. *depressa* Clarke ex Hook. f., Fl. Brit. Ind. 3: 378. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; TIBET.

**Saussurea chenopodifolia** Klatt Sitzungsher, Math.-Physik. Kl. Akad. Wiss. Munchen 3, 1: 92. 1878; Hook. f., Fl. Brit. Ind. 3: 374. 1881 (as synonym). *S. decurrens* Hemsl. in Hook. f. Icones 18: t. 1735. 1838.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.

**Saussurea chitralica** Duthie in Ann. Bot. Gard. Calc. 9. pt. 7. 45. 1901; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 773. 1972; Lipschitz, Rod Saussurea 140. 1979.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, AFGHANISTAN.

**Saussurea clarkei** Hook. f., Fl. Brit. Ind. 3: 372. 1881.

Distrib.: INDIA; Jammu & Kashmir. Endemic.

**Saussurea columnaris** Hand.-Mazz. in Notizbl. Bot. Gart. Berl. 13: 652. 1937; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 773. 1972. *S. subulata* auct. non Clarke, Diels Notes Roy. Bot. Gard. Edinb. 7: 179. 1912.

Distrib.: INDIA: Jammu & Kashmir; CHINA.

**Saussurea costus** (Falc.) Lipschitz in Bot. J. URSS 49: 131. 1964 *et* Rod Saussurea 92. 1979. *Aucklandia costus* Falc., Annal. Magaz. Natur. Hist. 6, 39: 475. 1841 (II) *et in* Trans. Linn. Soc. 19: 24. 1842. *Saussurea lappa* (Decne.) Sch.-Bip. in Linnaea 19: 331. 1846; Hook. f., Fl. Brit. Ind. 3: 376. 1881. *Aplotaxis lappa* Decne. in Jacq. Voy. Bot. 96. t. 104. 1853.

Distrib.; INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN.

**Saussurea crispa** Vaniot in Bull. Geogr. B. Le Mans. 12: 21. 1903. *S. deltoidea* var. *nivea* (DC.) Hook. f., Fl. Brit. Ind. 3: 375. 1881. *S. nivea* (DC.) Balakr., Fl. Jowai 1: 262. 1981.

Distrib.: INDIA: Arunachal Pradesh, Sikkim, Manipur, Meghalaya, Nagaland; NEPAL, BURMA, S.E. CHINA, INDO-CHINA, THAILAND.

**Saussurea deltoidea** (DC.) Sch.-Bip. in Linnaea 19: 331. 1846; Hook. f., Fl. Brit. Ind. 3: 374. 1881. *Aplotaxis deltoides* DC., Prodr. 6: 541. 1838.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh, Arunachal Pradesh, Meghalaya, Nagaland, W. Bengal, Manipur; NEPAL, BHUTAN, BURMA, INDO-CHINA, S. CHINA, TAIWAN, THAILAND.

**Saussurea dehsangensis** Pamp., Aggiunte Fl. Caracorum (Lav. Inst. Bot. Univ. Cagliari) 22: 176-177, t. 9. f. 4. 1934; Lipschitz, Rod Saussurea 51. 1979.

Distrib.: INDIA: Jammu & Kashmir; CHINA.

**Saussurea diffusa** Lipschitz, Rod Saussurea 141-142. 1979; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 774. 1972. *S. albescens* var. *brachycephala* Hook. f., Fl. Brit. Ind. 3: 374. 1881.

Distrib.; INDIA: Jammu & Kashmir; PAKISTAN.

**Saussurea fastuosa** (Decne.) Sch.-Bip. in

Linnaea 19: 331. 1846. *S. denticulata* Wall. ex Clarke, Comp. Ind. 234. 1876, *non* Ledeb, 1829; Hook. f., Fl. Brit. Ind. 3: 375. 1881. *Aplotaxis fastuosa* Decne. in Walpers. Repert. B. Syst. 669. 1843.

Distrib.: INDIA; Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, TIBET, BURMA, CHINA.

**Saussurea forrestii** Diels in Notes Roy. Bot. Gard. Edinb. 5: 198. 1912.

Distrib.: INDIA; Sikkim. Endemic.

**Saussurea gilesii** Hemsl. in Hook. f. Icones 18: t. 1736. 1888; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 774-775. 1972.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN.

**Saussurea glacialis** Herd., Bull. Soc. Nat. Mosc. 40. 3: 144. 1867; Lipschitz, Rod Saussurea 48. 1979. *S. sorocephala auct. non* Shrenk; *S. chthonocephala* Bornm. in Fedd. Repert. Beih. 108. 1. 59. 1938; Naithani, Fl. Chamoli 1: 340. 1984.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; C. ASIA, W. SIBERIA, CHINA.

**Saussurea glanduligera** Sch.-Bip. ex Hook. f., Fl. Brit. Ind. 3: 371. 1881. *S. glanduligera* var. *major* Hook. f., Fl. Brit. Ind. 3: 371. 1881.

Distrib.: INDIA; Jammu & Kashmir, Himachal Pradesh; TIBET.

**Saussurea gnaphalodes** (Royle ex DC.) Sch.-Bip. in Linnaea 19: 331. 1846. *Aplotaxis gnaphalodes* Royle ex DC., Prodr. 6: 542. 1838. *Saussurea sorocephala* (Schrenk) Sch.-

Bip. in *Linnaea* 19: 331. 1846; Hook. f., *Fl. Brit. Ind.* 3: 337. 1881 *p. p.* excl. syn.

Distrib.: INDIA; Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL, PAKISTAN, C. ASIA, TIBET, S.W. CHINA.

*Saussurea gossypiphora* D. Don in *Mem. Wern. Nat. Hist. Soc.* 3: 414. 1821; Hook. f., *Fl. Brit. Ind.* 3: 376. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN, S. TIBET, S.W. CHINA.

*Saussurea gossypiphora* D. Don subsp. *luxuriosa* Lipschitz in *Novit, Syst. Pl. Vasc. Acad. Sci. URSS* 1966: 222. 1966.

Distrib.: INDIA: Sikkim; NEPAL.

*Saussurea gossypiphora* D. Don var. *lilliputa* Lipschitz in *Novit, Syst. Pl. Vasc. Acad. Sci. URSS* 1966: 223. 1966.

Distrib.: INDIA: Sikkim.

*Saussurea graminifolia* Wall. (*Cat.* 100. n. 2911. 1831, *nom. nud.*) ex DC., *Prodr.* 6: 536. 1838; Hook. f., *Fl. Brit. Ind.* 3: 370. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, BHUTAN, S. TIBET.

*Saussurea heteromalla* (D. Don) Hand.-Mazz., *Symb. Sin.* 7: 1152. 1936. *Cnicus heteromallus* D. Don, *Prodr. Fl. Nep.* 166. 1825. *Saussurea candicans* (DC.) Sch.-Bip. in *Linnaea* 19: 330. 1846; Hook. f., *Fl. Brit. Ind.* 3: 373. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Bihar; W. AFGHANISTAN, PAKISTAN, NEPAL, BHUTAN, S. W. CHINA.

*Saussurea hieracioides* Hook. f., *Fl. Brit. Ind.* 3: 371. 1881.

Distrib.: INDIA: Sikkim; NEPAL, BHUTAN, S. CHINA.

*Saussurea hookeri* Clarke, *Comp. Ind.* 230. 1876; Hook. f., *Fl. Brit. Ind.* 3: 371. 1881.

Distrib.: INDIA: Uttar Pradesh, Sikkim; NEPAL, BHUTAN, S. TIBET, S. W. CHINA.

*Saussurea jacea* (Klotzsch) Clarke, *Comp. Ind.* 233. 1876; Hook. f., *Fl. Brit. Ind.* 3: 375. 1881. *Haplotaxis jacea* Klotzsch, *Bot. Ergebn.-Reise Pr. Waldem.* 1845. 46: 79-80. 1862.

Distrib.: INDIA; Jammu & Kashmir, Himachal Pradesh; AFGHANISTAN.

*Saussurea laneana* W. W. Smith in *J. As. Soc. Bengal n.s.* 7: 74. 1911.

Distrib.: INDIA: Sikkim. Endemic.

*Saussurea leontodontoides* (DC.) Sch.-Bip. in *Linnaea* 19: 330. 1846, var. *leontodontoides*; *Aplotaxis leontodontoides* DC., *Prodr.* 6: 539. 1838. *Saussurea kunthiana* Clarke, *Comp. Ind.* 226. 1876; Hook. f., *Fl. Brit. Ind.* 3: 369. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, S. W. CHINA, TIBET.

*Saussurea leontodontoides* (DC.) Sch.-Bip. var. *filicifolia* (Hook. f.) Hand.-Mazz., Symb. Sin. 7: 1155. 1936. *S. Kunthiana* Clarke var. *filicifolia* Hook. f., Fl. Brit. Ind. 3: 369. 1881.

Distrib.: INDIA: Sikkim; CHINA.

*Saussurea leptophylla* Hemsl. in Hook. f., Icones 18: t. 1734. 1888; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 776. 1972.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, AFGHANISTAN.

*Saussurea medusa* Maxim. in Bull. Acad. Sci. Petersb. 27: 488. 1881; Lipschitz, Rod Saussurea 49. 1979. *S. namikawae* Kitam. in Acta Phyt. Geobot. 24: 5-6. 1969.

Distrib.: INDIA: Jammu & Kashmir; NEPAL, CHINA.

*Saussurea nagensis* C.E.C. Fischer in Kew Bull. 1940: 36. 1940; Lipschitz, Rod Saussurea 138. 1979.

Distrib.: INDIA: Nagaland. Endemic.

*Saussurea nana* (Pamp.) Pamp. in Aggiunte Fl. Caracorum 176. 1834. excl. syn. *S. humilis* Ostenf.; *S. bracteata* auct. non Decne.; Hook. f., Fl. Brit. Ind. 3: 366. 1881, p. p. *S. schultzii* var. *nana* Pamp., Bull. Soc. Bot. Ital. 46: 33. 1915.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN.

*Saussurea nepalensis* Spreng., Syst. Veg. 3: 380. 1826. *S. eriostemon* Wall. ex Clarke, Comp. Ind. 229. 1876; Hook. f., Fl. Brit. Ind. 3: 370. 1881.

Distrib.: INDIA: Sikkim; NEPAL, BHUTAN, S. TIBET.

*Saussurea nimborum* W.W. Smith. in J. *et* Proc. As. Soc. Bengal n.s. 73: 73-74. 1911. *S. sughoo* auct. non Clarke; Hook. f., Fl. Brit. Ind. 3: 368. 1881.

Distrib.: INDIA: Sikkim. Endemic.

*Saussurea nishiokae* Kitam. in Acta Phyt. Geobot. 24. 1-2: 6-7. 1969.

Distrib.: INDIA: Sikkim; NEPAL, BHUTAN.

*Saussurea obscura* Lipschitz in Novit, Syst. Pl. Vas. Acad. Sci. URSS. 8: 250. 1971 *et* Rod. Saussurea 166. 1979.

Distrib.: INDIA: Sikkim. Endemic.

*Saussurea obvallata* (DC.) Edgew. in Trans. Linn. Soc. 23: 76. 1846 (Aug.); Sch.-Bip. in Linnaea 19: 331. 1846 (Sept.); Hook. f., Fl. Brit. Ind. 3: 365. 1881. *Aplotaxis obvallata* DC., Prodr. 6: 541. 1838.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim, Arunachal Pradesh; NEPAL, BHUTAN, N. BURMA, S.W. CHINA, PAKISTAN.

*Saussurea ovata* Benth. in Henders. & Hume, Lahore to Yarkand 325 t. colour. 1873; *S. elliptica* Clarke ex Hook. f., Fl. Brit. Ind. 3: 372. 1881.

Distrib.: INDIA: Jammu & Kashmir; C. ASIA.

*Saussurea pachyneura* Franch. in J. Bot. Paris B. 8: 354. 1894. *S. kunthiana* Wall. ex Clarke var. *major* Hook. f., Fl. Brit. Ind. 3: 369. 1881.

- Distrib.: INDIA: Sikkim; NEPAL, BHUTAN, CHINA.
- Saussurea pantlingiana* W.W. Smith J. et Proceed. As. Soc. Bengal n.s. 7, 3: 73. 1911.
- Distrib.: INDIA: Sikkim. Endemic.
- Saussurea piptathera* Edgew. in Trans. Linn. Soc. 20: 76. 1846; Hook. f., Fl. Brit. Ind. 3: 372. 1881.
- Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL.
- Saussurea polystichoides* Hook. f., Fl. Brit. Ind. 3: 369. 1881.
- Distrib.: INDIA: Uttar Pradesh, Sikkim; NEPAL.
- Saussurea roylei* (DC.) Sch.-Bip. in Linnaea 19: 330. 1846. Hook. f., Fl. Brit. Ind. 3: 370. 1881. *Aplotaxis roylei* DC., Prodr. 6: 538. 1838.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL.
- Saussurea simpsoniana* (Field. & Gard.) Lipschitz, Nov. Syst. Pl. Vasc. 1964: 319. 1966. *Aplotaxis simpsoniana* Field. & Gard., Sert. Pl. t. 26. 1844. *Saussurea sacra* Edgew. in Trans. Linn. Soc. 20: 76. 1846; Hook. f. Fl. Brit. Ind. 3: 376. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; TIBET, NEPAL.
- Saussurea stella* Maxim., in Bull. Acad. Sci. Petersb. 27: 490. 1881.
- Distrib.: INDIA: Sikkim; BHUTAN, CHINA.
- Saussurea stoliczkae* Clarke, Comp. Ind. 225. 1876; Hook. f., Fl. Brit. Ind. 3: 368. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; TIBET, NEPAL.
- Saussurea stracheyana* (O. Ktze.) Lipschitz in Syst. Zam. Gerb. Tomsk. Univ. 84: 26. 1967 et Rod Saussurea 842. 1979. *Theodorea stracheyana* O. Ktze., Rev. Gen. Pl. 1: 368. 1891. *S. foliosa* (Edgew.) Hook. f., Fl. Brit. Ind. 3: 373. 1818, non Ledeb. (1829).
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL.
- Saussurea subulata* Clarke, Comp. Ind. 226. 1876 p.p.; Hook. f., Fl. Brit. Ind. 3: 367. 1881.
- Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN.
- Saussurea sudhanshui* Hajra in Indian For. 109 (2): 77-79. 1983.
- Distrib.: INDIA: Uttar Pradesh. Endemic.
- Saussurea sughoo* Clarke, Comp. Ind. 225. 1876; Hook. f., Fl. Brit. Ind. 3: 368. 1881.
- Distrib.: INDIA: Arunachal Pradesh, Sikkim; NEPAL.
- Saussurea taraxacifolia* Wall. ex DC., Prodr. 6: 532. 1838; Hook. f., Fl. Brit. Ind. 3: 368. 1881 p.p. (excl. syn. *S. caespitosa* Wall.). *Aplotaxis caespitosa* DC. var. *depressa* Hook. f., Fl. Brit. Ind. 3: 369. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh,

- Sikkim, Arunachal Pradesh;  
NEPAL, BHUTAN, S. CHINA,  
TIBET.
- Saussurea thomsonii** Clarke, Comp. Ind. 227. 1876; Hook. f., Fl. Brit. Ind. 3: 366. 1881.
- Distrib.: INDIA: Jammu & Kashmir;  
CHINA.
- Saussurea tridactyla** Sch.-Bip. ex Hook. f., Fl. Brit. Ind. 3: 377. 1881.
- Distrib.: INDIA: Sikkim; NEPAL,  
BHUTAN, S.E. TIBET.
- Saussurea uniflora** (DC.) Wall. ex Sch.-Bip. in Linnaea 19: 330. 1846; Hook. f., Fl. Brit. Ind. 3: 366. 1881 (excl. var. *conica* (Clarke) Hook. f.). *Aplotaxis uniflora* DC., Prodr. 6: 539. 1838.
- Distrib.: INDIA: Sikkim; NEPAL,  
BHUTAN, S.W. CHINA.
- Saussurea uniflora** (DC.) Wall. ex Sch.-Bip. var. *conica* (Clarke) Hook. f., Fl. Brit. Ind. 3: 366. 1881. *S. conica* Clarke, Comp. Ind. 224. 1876.
- Distrib.: INDIA: Sikkim, W. Bengal;  
BHUTAN.
- Saussurea werneroides** Sch.-Bip. ex Hook. f., Fl. Brit. Ind. 3: 367. 1881.
- Distrib.: INDIA: Jammu & Kashmir,  
Sikkim; NEPAL, BHUTAN, S.  
TIBET, S.W. CHINA.
- Saussurea yakla** Clarke, Comp. Ind. 227. 1876; Hook. f., Fl. Brit. Ind. 3: 368. 1881.
- Distrib.: INDIA: Sikkim; NEPAL,  
BHUTAN, TIBET
- SCLEROCARPUS** Jacq. Ic. Pl. Rar. 1: 17. t. 176. 1780-1784.
- Sclerocarpus africanus** Jacq. in Ic. Pl. Rar. 1: 17. t. 176. 1780-84; Hook. f., Fl. Brit. Ind. 3: 305. 1881.
- Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Punjab, Maharashtra, Karnataka; TROPICAL EAST & WEST AFRICA, NEPAL, PAKISTAN.
- SCORZONERA** L., Sp. Pl. 790. 1753.
- Scorzonera alba** Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 778. 1972.
- Distrib.: INDIA: Jammu & Kashmir.
- Scorzonera fusca** Kitam. in Acta Phyto. Geobot. 19: 134. 1963.
- Distrib.: INDIA: Jammu & Kashmir.
- Scorzonera hondae** Kitam. in Acta Phyto. Geobot. 19: 135. 1963.
- Distrib.: INDIA: Jammu & Kashmir.
- Scorzonera purpurea** L., Sp. Pl. 791. 1753; Hook. f., Fl. Brit. Ind. 3: 418. 1881.
- Distrib.: INDIA: Jammu & Kashmir;  
EUROPE, NORTH ASIA.
- Scorzonera virgata** DC., Prodr. 7: 125. 1838. *S. divaricata* Hook. f., Fl. Brit. Ind. 3: 418. 1881 (non Turcz.).
- Distrib.: INDIA: Jammu & Kashmir;  
MONGOLIA.
- SENECIO** L., Sp. Pl. 866. 1753.

**Senecio albopurpureus** Kitam. in F. & Fl. Nep. Himal. 271. 1955. *S. bracteolatus* Hook. f., Fl. Brit. Ind. 3: 339. 1881, *nom illegit., non* Hook. & Arn. 1841

Distrib.: INDIA: Sikkim; NEPAL, CHINA.

**Senecio belgaumensis** Clarke, Comp. Ind. 200. 1876; Hook. f., Fl. Brit. Ind. 3: 348. 1881.

Distrib.: INDIA: Karnataka Maharashtra, Goa. Endemic.

**Senecio biligulatus** W. W. Smith in J. As. Soc. Bengal 7: 69. 1911.

Distrib.: INDIA: Sikkim; BHUTAN, NEPAL, BURMA.

**Senecio bombayensis** Balakr. in J. Bombay Nat. Hist. Soc. 67: 61. 1970. *Doronicum reticulatum* Wight in Calc. J. Nat. Hist. 7: 156. 1847. *Senecio reticulatus* (Wight) Clarke, Comp. Ind. 199. 1876 (*non* DC. 1837). *S. grahami* Hook. f., Fl. Brit. Ind. 3: 347. 1881 (*non* Benth., 1857).

Distrib.: INDIA: Gujarat, Madhya Pradesh, Maharashtra, Tamilnadu, Goa. Endemic.

**Senecio candicans** DC. in Wight, Contrib. Bot. Ind. 22. 1834; Hook. f., Fl. Brit. Ind. 3: 352. 1881.

Distrib.: INDIA: Tamilnadu. Endemic.

**Senecio candolleanus** Wall. ex DC., Prodr. 6: 364. 1838; Hook. f., Fl. Brit. Ind. 3: 353. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Sikkim; BHUTAN.

**Senecio cinarifolius** H. L'ev. in Fedde. Repert. 12: 283. 1913.

Distrib.: INDIA: Uttar Pradesh; CHINA, BURMA.

**Senecio dalzellii** Clarke, Comp. Ind. 201. 1876; Hook. f., Fl. Brit. Ind. 3: 346. 1881. *S. lawii* Clarke, Comp. Ind. 201. 1876; Hook. f., Fl. Brit. Ind. 3: 347. 1881.

Distrib.: INDIA; Tamilnadu, Karnataka, Maharashtra, Goa, Gujarat. Endemic.

**Senecio desfontainei** Druce, Brit. Pl. List, ed. 2, 61. 1928. *S. coronopifolius* Desf., Fl. Atlant. 2: 273. 1799 (*nom. illegit. non* Burm. f. 1768); Hook. f., Fl. Brit. Ind. 3: 341. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; AFRICA, S.W. ASIA, CANARY ISLAND.

**Senecio dubitabilis** Jeffrey & Chen in Kew Bull. 39 (2): 427. 1984. *S. dubius* Ledeb., Fl. Alt. 4: 402. 1833. (*nom. illegit. non* Beck 1833); Hook. f., Fl. Brit. Ind. 3: 342. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; U.S.S.R., W. SIBERIA, MONGOLIA, PAKISTAN.

**Senecio edgeworthii** Hook. f., Fl. Brit. Ind. 3: 346. 1881.

Distrib.: INDIA: Tamilnadu, Maharashtra, Goa, Madhya Pradesh. Endemic.

**Senecio gibsoni** Hook. f., Fl. Brit. Ind. 3: 347. 1881.

Distrib.: INDIA: Maharashtra, Goa. Endemic.

**Senecio graciliflorus** DC., Prodr. 6: 365. 1838; Hook. f., Fl. Brit. Ind. 3: 338. 1881.

Distrib.: INDIA: Jammu & Kashmir,

- Himachal Pradesh, Uttar Pradesh,  
Sikkim; BHUTAN, CHINA.
- Senecio griffithii** Hook. f. & Thoms, ex  
Clarke, *Comp. Ind.* 193. 1876; Hook. f., *Fl.*  
*Brit. Ind.* 3: 341. 1881.
- Distrib.: INDIA: Meghalaya. Endemic.
- Senecio hewrensis** (Dalz.) Hook. f., *Fl. Brit.*  
*Ind.* 3: 346. 1881. *Doronicum hewrensis*  
Dalz. in Dalz. & Gibs., *Bombay Fl.* 130.  
1861.
- Distrib.: INDIA: Maharashtra, Rajasthan.  
Endemic.
- Senecio hohenackeri** Hook. f., *Fl. Brit. Ind.*  
3: 345. 1881.
- Distrib.: INDIA: Andhra Pradesh,  
Tamilnadu. Endemic.
- Senecio intermedius** Wight, *lc. t.* 1135. 1849.  
*S. scandens* Hook. f., *Fl. Brit. Ind.* 3: 352.  
1881 (*non* Buch.-Ham. ex D. Don 1825).
- Distrib.: INDIA: Tamilnadu. Endemic.
- Senecio krascheninnikovii** Schischk. in *Not.*  
*Syst. Herb. Inst. Bot. Kon. Acad. Sc.*  
*U.R.S.S.* 15: 410. 1953. *S. pedunculatus*  
Edgew. in *Trans. Linn. Soc.* 20: 74. 1846.  
*nom. illegit. non* Sch.-Bip. 1844; Hook. f., *Fl.*  
*Brit. Ind.* 3: 342. 1881.
- Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh;  
PAKISTAN, N.E.  
AFGHANISTAN.
- Senecio kumaonensis** Duthie ex Jeffrey &  
Chen in *Kew Bull.* 39 (2): 357. 1984.
- Distrib.: INDIA: Sikkim; BHUTAN,  
NEPAL, CHINA.
- Senecio kundaicus** Fischer in *Kew Bull.* 1940.  
45-46. 1940.
- Distrib.: INDIA: Tamilnadu. Endemic.
- Senecio laetus** Edgew. in *Trans. Linn. Soc.*  
*Bot.* 20: 74. 1846. *S. chrysanthemoides* DC.,  
*Prodr.* 6: 365. 1838 (*nom. illegit. non* Schrank  
1789); Hook. f., *Fl. Brit. Ind.* 3: 339. 1881.
- Distrib.: INDIA: Himachal Pradesh,  
Jammu & Kashmir, Uttar Pradesh;  
PAKISTAN, NEPAL, BHUTAN.
- Senecio laetus** Edgew. var. *sisymbriiformis*  
(Hook. f.) R. Mathur, *Comb. nov. Basionym:*  
*S. chrysanthemoides* var. *sisymbriiformis*  
Hook. f., *Fl. Brit. Ind.* 3: 339. 1881.
- Distrib.: INDIA: Jammu & Kashmir.  
Endemic.
- Senecio laetus** var. *spectabilis* (Hook. f.) R.  
Mathur, *Comb. nov. Basionym:* *S. chrysanthe-*  
*moides* var. *spectabilis* Hook. f. *Fl. Brit. Ind.*  
3: 339. 1881.
- Distrib.: INDIA: Jammu & Kashmir.  
Endemic.
- Senecio laetus** var. *analogus* (Hook. f.) R.  
Mathur, *Comb. nov. Basionym:* *S. chrysanthe-*  
*moides* var. *analogus* Hook. f. in Hook. f.,  
*Fl. Brit. Ind.* 3: 339. 1881.
- Distrib.: INDIA: Jammu & Kashmir.
- Senecio lancifer** J. R. Drumm. in *Kew*  
*Bull.* 6: 270. 1911.
- Distrib.: INDIA: Sikkim; NEPAL, TIBET.
- Senecio lawsoni** Gamble in *Kew Bull.* 1920:  
342. 1920.
- Distrib.: INDIA: Tamilnadu. Endemic.
- Senecio lessingianus** Clarke, *Comp. Ind.* 198.  
1876; Hook. f., *Fl. Brit. Ind.* 3: 344. 1881.



Distrib.: INDIA: Tamilnadu. Endemic.

**Senecio linifolius** Clarke, Comp. Ind. 202. 1876; Hook. f., Fl. Brit. Ind. 3: 343. 1881.

Distrib.: INDIA: Manipur, Meghalaya.

**Senecio ludens** Clarke, Comp. Ind. 199. 1876; Hook. f., Fl. Brit. Ind. 3: 345. 1881.

Distrib.: INDIA: Kerala, Tamilnadu; SRI LANKA.

**Senecio mayurii** Fischer in Kew Bull. 1939: 350. 1939.

Distrib.: INDIA: Karnataka. Endemic.

**Senecio mishmi** Clarke, Comp. Ind. 203. 1876; Hook. f., Fl. Brit. Ind. 3: 344. 1881.

Distrib.: INDIA: Arunachal Pradesh. Endemic.

**Senecio multiceps** Balakr. in J. Bombay Nat. Hist. Soc. 67: 57. 1970. *S. polycephalus* (DC.) Clarke, Comp. Ind. 197. 1876 (*non* Ledeb. 1830); Hook. f., Fl. Brit. Ind. 3: 344. 1881. *Madaractis polycephala* DC., Prodr. 6: 440. 1838.

Distrib.: INDIA: Tamilnadu. Endemic.

**Senecio neelgherrianus** DC. in Wight, Contrib. Bot. Ind. 23. 1834; Hook. f., Fl. Brit. Ind. 3: 341. 1881.

Distrib.: INDIA: Tamilnadu, Kerala. Endemic.

**Senecio nudicaulis** Buch.-Ham. ex D. Don, Prodr. Fl. Nepal. 178. 1825; Hook. f., Fl. Brit. Ind. 3: 340. 1881.

Distrib.: INDIA: Throughout India; PAKISTAN, BHUTAN, NEPAL, CHINA.

**Senecio obtusatus** Wall. ex DC., Prodr. 6: 367. 1838; Hook. f., Fl. Brit. Ind. 3: 340. 1881. *S. khasianus* Balakr. in J. Bombay Nat. Hist. Soc. 67: 62. 1970 (*nom. illegit. suppl.*).

Distrib.: INDIA: Assam; BANGLADESH.

**Senecio ramosus** Wall. ex DC., Prodr. 6: 365. 1838; Hook. f., Fl. Brit. Ind. 3: 312. 1881.

Distrib.: INDIA: Arunachal Pradesh, Sikkim, Meghalaya; BANGLADESH.

**Senecio raphanifolius** Wall. ex DC., Prodr. 6: 366. 1838. *S. diversifolius* Wall. ex DC., Prodr. 6: 366. 1838 (Wall. Cat. n. 3128) *nom. illegit. non* Dunn. 1827; Hook. f., Fl. Brit. Ind. 3: 340. 1881. *S. chrysanthemoides* DC. var. *khasiana* (Clarke) Hook. f., Fl. Brit. Ind. 3: 339. 1881.

Distrib.: INDIA: Meghalaya, Sikkim; BHUTAN, NEPAL, BURMA, CHINA.

**Senecio rhabdos** Clarke in J. Linn. Soc. 25: 40. t. 19. 1889.

Distrib.: INDIA: Nagaland. Endemic.

**Senecio royleanus** DC., Prodr. 6: 367. 1838. *S. graciliflorus* DC. var. *hookeri* Clarke, Comp. Ind. 180. 1876; Hook. f., Fl. Brit. Ind. 3: 338. 1881.

Distrib.: INDIA; Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; BHUTAN, CHINA.

**Senecio scandens** Buch.-Ham. ex D. Don, Prodr. Fl. Nepal. 178. 1825; Hook. f., Fl. Brit. Ind. 3: 352. 1881.

Distrib.: INDIA: Himachal Pradesh,

- Uttar Pradesh; Meghalaya;  
NEPAL, CHINA, BHUTAN,  
BURMA, THAILAND, JAPAN,  
PHILIPPINES.
- Senecio tenuifolius** Burm. f., Fl. Ind. t. 60. f. 4. 1768; Hook. f., Fl. Brit. Ind. 3: 345. 1881.
- Distrib.: INDIA: Andhra Pradesh, Tamilnadu; JAVA.
- Senecio tetrandrus** Buch.-Ham. ex DC., Prodr. 6: 365. 1838; Hook. f., Fl. Brit. Ind. 3: 342. 1881.
- Distrib.: INDIA: Sikkim, W. Bengal.
- Senecio vulgaris** L., Sp. Pl. 867. 1753.
- Distrib.: INDIA: Jammu & Kashmir, Tamilnadu, Gujarat; EUROPE, ASIA, N. AFRICA.
- Senecio wightianus** DC. in Wight, Contrib. Bot. Ind. 22. 1834. *S. scandens* Hook. f., Fl. Brit. Ind. 3: 353. 1881 (*non* Buch.-Ham. ex D. Don, *p.p.*)
- Distrib.: INDIA: Tamilnadu; SRI LANKA, CHINA, NEPAL.
- Senecio wightii** (DC.) Benth. ex Clarke, Comp. Ind. 197. 1876. *Doronicum wightii* DC. in Wight, Contrib. Bot. Ind. 23. 1834. *Senecio saxatilis sensu* Hook. f., Fl. Brit. Ind. 3: 344. 1881 (*non* Wall. 1831).
- Distrib.: INDIA: Meghalaya, Manipur, Tamilnadu, Madhya Pradesh; BURMA, CHINA.
- Senecio zeylanicus** DC., Prodr. 6: 365. 1838; Hook. f., Fl. Brit. Ind. 3: 340. 1881.
- Distrib.: INDIA: Tamilnadu; SRI LANKA, BURMA.
- SERRATULA** L., Sp. Pl. 816. 1753.
- Serratula pallida** DC., Prodr. 6: 680. 1838; Hook. f., Fl. Brit. Ind. 3: 379. 1881.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; NEPAL.
- SIEGESBECKIA** L., Sp. Pl. 900. 1753.
- Siegesbeckia orientalis** L., Sp. Pl. 900. 1753; Hook. f., Fl. Brit. Ind. 3: 304. 1881.
- Distrib.: INDIA: Throughout India ascending to 1800 m in the Himalaya and other mountains; AFRICA, BURMA, CHINA and all warmer countries of old and new world.
- SILYBUM** Adans. Fam. 2: 116. 1763 *nom. cons.*
- Silybum marianum** (L.) Gaertn., Fruct. & Sem. 2: 378. t. 168. 1802; Hook. f., Fl. Brit. Ind. 3: 363. 1881. *Carduus marianus* L., Sp. Pl. 823. 1753.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Tamilnadu; PAKISTAN, N. AFRICA, EUROPE.
- SOLIDAGO** L., Sp. Pl. 878. 1753.
- Solidago canadensis** L., Sp. Pl. 878. 1753.
- Distrib.: INDIA: Cultivated or found as an escape. Native of S. AMERICA.
- Solidago decurrens** Lour., Fl. Cochinch. 501. 1790. *S. virgaurea* var. *pubescens* (Wall.)

Clarke, Comp. Ind. 35. 1876; *S. virgaurea* var. *leiocarpa* (Benth.) A. Gray in Mem. Amer. Acad. n.s. 6(1): 395. 1857.

Distrib.: INDIA: Jammu & Kashmir.

**Solidago microglossa** DC., Prodr. 5: 332. 1836; N. Rani & Matthew in Matthew Fl. Tamilnadu Carnatic 3 (2): 813. 1983.

Distrib.: INDIA: Karnataka, Tamilnadu; Native of BRAZIL.

**Solidago virgaurea** L., Sp. Pl. 880. 1753; Hook. f., Fl. Brit. Ind. 3: 245: 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Meghalaya, Sikkim. TEMPERATE NORTHERN HEMISPHERE.

**SOLIVA** Ruiz & Pav. Prod. 113. t. 24. 1794.

**Soliva anthemifolia** (Juss.) R. Br. in Trans. Linn. For. Lind. 12: 102. 1818. Bhattacharyya in Bull. Bot. Surv. Ind. 5: 375. 1960. *Gymnostylus anthemifolia* Juss. Ann. Mus. Paris 4: 262. t. 61. f. 1. 1804.

Distrib.: INDIA: Uttar Pradesh, SOUTH AMERICA, AUSTRALIA.

**SONCHUS** L., Sp. Pl. 793. 1753.

**Sonchus asper** (L.) Hill, Herb. Brit. 1: 47. 1769; Hook. f., Fl. Brit. Ind. 3: 414. 1881. *S. oleraceus* var. *asper* L., Sp. Pl. 794. 1753.

Distrib.: Throughout India; EUROPE, S.W. ASIA, N. AFRICA.

**Sonchus brachyotus** DC., Prodr. 6: 136. 1838.

Distrib.: INDIA: Himachal Pradesh, Maharashtra.

**Sonchus jainii** Chandrabose *et al.*, in J. Bombay Nat. Hist. Soc. 81: 156. 1984.

Distrib.: Tamilnadu.

**Sonchus oleraceus** L., Sp. Pl. 794. 1753; Hook. f., Fl. Brit. Ind. 3: 414. 1881.

Distrib.: INDIA: Throughout India. EUROPE, ASIA, AFRICA, AUSTRALIA.

**Sonchus wightianus** DC., Prodr. 7: 187. 1838. subsp. *wightianus*.

Distrib.: INDIA.: Throughout India; PAKISTAN, AFGHANISTAN, BURMA, CHINA, MALESIA.

**SOROSERIS** Stebbins in Mem. Torr. Bot. Club 19 (3): 27. 1940.

**Soroseris deasyi** (S. Moore) Stebbins in Mem. Torr. Bot. Club 19 (3): 36. 1940. *Lactuca deasyi* S. Moore in J. Bot. 38: 428. 1900. *Crepis glomerata* sensu Hook. f., Fl. Brit. Ind. 3: 398. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Sikkim; TIBET, CHINA.

**SPHAERANTHUS** L., Sp. Pl. 927. 1753.

**Sphaeranthus africanus** L., Sp. Pl. ed. 2. 1314. 1763; Hook. f., Fl. Brit. Ind. 3: 285. 1881.

Distrib.: INDIA: W. Bengal, Kerala, Goa, Andaman & Nicobar Islands; BANGLADESH, SRI LANKA, MALACCA, PERSIA, MALAYA ISLANDS, CHINA, INDO-CHINA, PHILIPPINES, AUSTRALIA, BURMA.

**Sphaeranthus amaranthoides** Burm. f., Fl. Ind. 186. 1768; Hook. f., Fl. Brit. Ind. 3: 284. 1881.

Distrib.: INDIA: Kerala, Karnataka; SRI LANKA.

**Sphaeranthus indicus** L., Sp. Pl. 927. 1753; Hook. f., Fl. Brit. Ind. 3: 275. 1881.

Distrib.: INDIA: Uttar Pradesh, Sikkim, Assam, Bihar, Madhya Pradesh, Orissa, Tamilnadu, Kerala, Karnataka, Maharashtra, Goa, Rajasthan, Andaman & Nicobar Island; NEPAL, BANGLADESH, BURMA, SRI LANKA, MALAYSIA, SINGAPUR, AUSTRALIA, AFRICA.

**Sphaeranthus senegalensis** DC., Prodr. 5: 370. 1836. *S. indicus auct. non* L. 1753; Hook. f., Fl. Brit. Ind. 3: 275. 1881 *p.p.*

Distrib.: Uttar Pradesh, Assam; NEPAL, BURMA, CHINA, THAILAND, AFRICA.

**SPHAEROMORPHAEA** DC., Prodr. 6: 140. 1838.

**Sphaeromorphaea australis** (Less.) Kitam. in Acta Phyto. Geobot. 6: 80. 1937. *Epaltes australis* Less. in Linnaea 5: 148. 1831 *et* Syn. Comp. 206. 1832. *Sphaeromorphaea russeliana* DC., Prodr. 6: 140. 1838; Hook. f., Fl. Brit. Ind. 3: 317. 1881.

Distrib.: INDIA: Western Peninsula; CHINA.

**SPILANTHES** Jacquin, Enum. Pl. Carib. 8. 28. 1760.

**Spilanthes calva** DC. in Wight, Contrib. Bot. Ind. 19. 1834. *S. acmella auct. non* (L.) Murr.; Hook. f., Fl. Brit. Ind. 3: 307. 1881. *S. acmella* var. *calva* (DC.) Clarke, Comp. Ind. 138. 1876.

Distrib.: INDIA: Throughout India; BURMA, MALESIA and all warm countries.

**Spilanthes oleracea** L., Syst. Nat. ed. 12, 2: 534. 1767. *S. acmella* var. *oleracea* Clarke, Comp. Ind. 138. 1876; Hook. f., Fl. Brit. Ind. 3: 307. 1881.

Distrib.: INDIA: Cultivated.

**Spilanthes paniculata** Wall. ex DC., Prodr. 5: 625. 1836. *S. acmella* var. *paniculata* (DC.) Clarke, Comp. Ind. 139. 1876; Hook. f., Fl. Brit. Ind. 3: 307. 1881.

Distrib.: INDIA: Cultivated; and run wild; NEPAL, CHINA, MALAYA, PANAMA, BURMA, THAILAND, INDO-CHINA, SRI LANKA.

**STEVIA** Cavanilles Ic. 4: 32. 1797.

**Stevia eupatoria** Willd., Sp. Pl. 3: 1775. 1803.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh; MEXICO;

**Stevia ovata** Willd., Enum. Pl. Hort. Berol. 855. 1809.

Distrib.: INDIA: Himachal Pradesh; MEXICO.

**STRUCHIUM** P. Browne, Civ. Nat. Hist. Jamaica 312. 1756.

**Struchium sparganophorum** (L.) O. Ktze.,

Rev. Gen. Pl. 366. 1891. *Ethulia sparganophora* L., Sp. Pl. ed. 2. 1171. 1763.

Distrib.: INDIA.: Kerala, Andaman & Nicobar Islands; MEXICO, W. INDIES, S. AMERICA, AFRICA.

**SYNEDRELLA** Gaertn., Fruct. 2: 456. t. 171. 1791.

*Synedrella nodiflora* (L.) Gaertn., Fruct. 2: 456. t. 171. f. 7. 1791. Hook. f., Fl. Brit. Ind. 3: 308. 1881. *Verbesina nodiflora* L., Cent. Pl. 1: 28. 1755.

Distrib.: INDIA: Assam, Madhya Pradesh, Tamilnadu, Kerala, W. Bengal, Andaman & Nicobar Islands; TROPICAL AMERICA, CHINA, MALAYA, SRI LANKA, POLYNESIA.

*Synedrella vialis* (Less.) A. Gray, Proc. Acad. 17: 217. 1822; Ahuja & Pataskar in Ind. Forest. 95: 267. 1969. *Calyptocarpus vialis* Less., Syn. Comp. 221. 1832.

Distrib.: INDIA: Maharashtra; AMERICA.

**SYNOTIS** (Clarke) Jeffrey & Chen in Kew Bull. 39 (2): 285. 1984.

*Synotis acuminata* (Wall. ex DC.) Jeffrey & Chen in Kew Bull. 39(2): 332. 1984. *Senecio acuminatus* Wall. ex DC., Prodr. 6: 368. 1838; Hook. f., Fl. Brit. Ind. 3: 354. 1881.

Distrib.: INDIA: Sikkim; NEPAL, BHUTAN, CHINA.

*Synotis ainsliaeifolia* Jeffrey & Chen in Kew Bull. 39 (2): 307. 1984.

Distrib.: INDIA; Arunachal Pradesh; CHINA.

*Synotis alata* (Wall. ex DC.) Jeffrey & Chen

in Kew Bull. 39(2): 306. 1984. *Senecio alatus* Wall. ex DC., Prodr. 6: 368. 1838; Hook. f., Fl. Brit. Ind. 3: 353. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh; NEPAL, BHUTAN, BURMA, CHINA.

*Synotis auriculata* Jeffrey & Chen in Kew Bull. 39 (2): 330. 1984; R. mathur in J. Econ. Tax. Bot. 8 (2): 464. 1986.

Distrib.: INDIA: Arunachal Pradesh; CHINA.

*Synotis bhot* (Clarke) Jeffrey & Chen in Kew Bull. 39 (2): 288. 1984. *Senecio bhot* Clarke, Comp. Ind. 187. 1876; Hook. f., Fl. Brit. Ind. 3: 355. 1881.

Distrib.: INDIA: W. Bengal, Meghalaya; BHUTAN.

*Synotis borii* (Raizada) R. Mathur, *Comb nov. Basionym: Senecio borii* Raizada in J. Ind. Bot. Soc. 27: 206. 1948.

Distrib.: INDIA: Arunachal Pradesh, Nagaland. Endemic.

*Synotis brevipappa* Jeffrey & Chen in Kew Bull. 39 (2): 300. 1984.

Distrib.: INDIA: Arunachal Pradesh; CHINA.

*Synotis cappa* (Buch.-Ham. ex D. Don) Jeffrey & Chen in Kew Bull. 39 (2): 319. 1984. *Senecio cappa* Buch.-Ham. ex D. Don, Prodr. Fl. Nepal. 179. 1825. *S. densiflorus* Wall. ex DC., Prodr. 6: 369. 1838; Hook. f., Fl. Brit. Ind. 3: 355. 1881.

Distrib.: INDIA: Meghalaya; BHUTAN, NEPAL, BURMA, CHINA.

*Synotis jowaiensis* (Balakr.) R. Mathur,

*Comb. nov. Basionym: Senecio jowaiensis*  
Balakr. in Ind. For. 101. 703. 1975.

Distrib.: INDIA: Meghalaya. Endemic.

**Synotis kunthiana** (Wall. ex DC.) Jeffrey & Chen in Kew Bull. 39 (2): 288. 1984. *Senecio kunthianus* Wall. ex DC., Prodr. 6: 369. 1838; Hook. f., Fl. Brit. Ind. 3: 354. 1881.

Distrib.: INDIA: Jammu & Kashmir, Arunachal Pradesh, Uttar Pradesh, Tamilnadu; PAKISTAN, NEPAL.

**Synotis lushaensis** (Fisher) Jeffrey & Chen in Kew Bull. 39 (2): 288. 1984. *Senecio lushaensis* Fischer in Kew Bull. 1929: 6.

Distrib.: INDIA: Mizoram.

**Synotis nagensium** (Clarke) Jeffrey & Chen in Kew Bull. 39 (2): 321. 1984. *Senecio nagensium* Clarke in J. Linn. Soc. Bot. 35: 39. 1898. *S. densiflorus* Wall. ex DC. var. *mishmiensis* Hook. f., Fl. Brit. Ind. 3: 355. 1881.

Distrib.: INDIA: Assam, Manipur; N. BURMA, CHINA.

**Synotis rufinervis** (DC.) Jeffrey & Chen in Kew Bull. 39 (2): 288. 1984. *Senecio rufinervis* DC., Prodr. 6: 369. 1838; Hook. f., Fl. Brit. Ind. 3: 355. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh; PAKISTAN, NEPAL.

**Synotis saluenensis** (Diels) Jeffrey & Chen in Kew Bull. 39 (2): 330. 1984. *Senecio saluenensis* Diels in Notes Roy. Bot. Gard. Edinb. 5: 193. 1912.

Distrib.: INDIA: Arunachal Pradesh.

**Synotis simonsii** (Clarke) Jeffrey & Chen in Kew Bull. 32 (2): 288. 1984. *Senecio*

*simonsii* Clarke, Comp. Ind. 188. 1876; Hook. f., Fl. Brit. Ind. 3: 356. 1881.

Distrib.: INDIA: Assam.

**Synotis tetrantha** (DC.) Jeffrey & Chen in Kew Bull. 39 (2): 308. 1984. *Senecio tetranthus* DC., Prodr. 6: 370. 1838; Hook. f., Fl. Brit. Ind. 3: 352. 1881.

Distrib.: INDIA: Sikkim; NEPAL, CHINA.

**Synotis triligulata** (Buch.-Ham. ex D. Don) Jeffrey & Chen in Kew Bull. 39 (2): 329. 1984. *Senecio triligulatus* Buch.-Ham. ex D. Don, Prodr. Fl. Nepal. 178. 1825; Hook. f., Fl. Brit. Ind. 3: 356. 1881.

Distrib.: INDIA: Assam, Sikkim; BHUTAN, NEPAL, BURMA, THAILAND, CHINA.

**Synotis vagans** (Wall. ex DC.) Jeffrey & Chen in Kew Bull. 39 (2): 288. 1984. *Senecio vagans* Wall. ex DC., Prodr. 6: 368. 1838; Hook. f., Fl. Brit. Ind. 3: 355. 1881; Burkill in Rec. Bot. Surv. Ind. 4: 116. 1910.

Distrib.: INDIA: Uttar Pradesh; BHUTAN, NEPAL, N. BURMA.

**Synotis wallichii** (DC.) Jeffrey & Chen in Kew Bull. 39 (2): 305. 1984. *Senecio wallichii* DC., Prodr. 6: 364. 1838; Hook. f., Fl. Brit. Ind. 3: 353. 1881.

Distrib.: INDIA: Sikkim; BHUTAN, NEPAL, CHINA.

**TAGETES** L., Sp. Pl. 887. 1753.

**Tagetes erecta** L., Sp. Pl. 887. 1753; Clarke, Comp. Ind. 143. 1876.

Distrib.: INDIA: Cultivated. Native of MEXICO.

**Tagetes minuta** L., Sp. Pl. 887. 1753; Maheshwari in J. Bombay Nat. Hist. Soc. 69: 451. 1972.

Distrib.: INDIA: Naturalised in Uttar Pradesh, Himachal Pradesh, Arunachal Pradesh; SOUTH AMERICA.

**Tagetes patula** L., Sp. Pl. 887. 1753; Clarke, Comp. Ind. 142. 1876.

Distrib.: INDIA: Cultivated. Native of MEXICO.

**TANACETUM** L., Sp. Pl. 843. 1753.

**Tanacetum artemisioides** Sch.-Bip. ex Hook. f., Fl. Brit. Ind. 3: 318. 1881. *Chrysanthemum karakoramens* Kitamura in Acta. Pyto. Geobot. 19(4-6): 104. 1963.

Distrib.: INDIA: Jammu & Kashmir; W. TIBET, PAKISTAN, BHUTAN.

**Tanacetum atkinsonii** (Clarke) Kitam. in Enum. Fl. Pl. Nepal 3: 45. 1982. *Chrysanthemum atkinsonii* Clarke, Comp. Ind. 147. 1876; Hook. f., Fl. Brit. Ind. 3: 315. 1881.

Distrib.: INDIA: Sikkim; BHUTAN, NEPAL, TIBET.

**Tanacetum dolichophyllum** Kitam. in Enum. Fl. Pl. Nepal 3: 45. 1982. *T. longifolium* Wall. ex DC., Prodr. 6: 130. 1838. *p. p.* (*non* Thunb. 1794-1800); Hook. f., Fl. Brit. Ind. 3: 320. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN, BHUTAN.

**Tanacetum fruticosum** Ledeb., Fl. Alt. 4: 58. 1834; Hook. f., Fl. Brit. Ind. 3: 318. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; AFGHANISTAN, TURKISTAN, ALTAI MTS., W. TIBET, MONGOLIA.

**Tanacetum gossypinum** Hook. f. & Thoms. ex Clarke, Comp. Ind. 154. 1876; Hook. f., Fl. Brit. Ind. 3: 321. 1881.

Distrib.: INDIA: Uttar Pradesh, Sikkim; NEPAL, BHUTAN.

**Tanacetum gracile** Hook. f., & Thoms. in Hook. f., Fl. Brit. Ind. 3: 318. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; W. TIBET, PAKISTAN, MONGOLIA.

**Tanacetum griffithii** (Clarke) Muradyan in Biol. Zhuru. Armen 23. (2): 90. 1970. *Chrysanthemum griffithii* Clarke, Comp. Ind. 148. 1876; Hook. f., Fl. Brit. Ind. 3: 315. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; AFGHANISTAN.

**Tanacetum mutellina** Hand.-Mazz. in Anz. Akad. Wiss. Wien, Math.-Nat. 1924. IXI. 203. 1925.

Distrib.: INDIA: Sikkim; CHINA.

**Tanacetum nanum** Clarke, Comp. Ind. 155. 1876; Hook. f., Fl. Brit. Ind. 3: 320. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; W. TIBET, PAMIR REGION.

**Tanacetum robustum** Hook. f. & Thoms. ex Clarke, Comp. Ind. 154. 1876; Hook. f., Fl. Brit. Ind. 3: 320. 1881.

Distrib.: INDIA: Jammu & Kashmir,  
Himachal Pradesh, Uttar Pradesh.

**Tanacetum tenuifolium** Jacq. ex DC., Prodr. 6: 129. 1838; Hook. f., Fl. Brit. Ind. 3: 419. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh; W. TIBET, PAKISTAN, MONGOLIA.

**Tanacetum tibeticum** Hook. f., & Thoms. ex Clarke, Comp. Ind. 154. 1876; Hook. f., Fl. Brit. Ind. 3: 319. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; TIBET, PAKISTAN, PAMIR REGION.

**Tanacetum tomentosum** DC., Prodr. 6: 130. 1838. *Tanacetum senecionis* Gay in DC., Prodr. 6: 129. 1838; Hook. f., Fl. Brit. Ind. 3: 319. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN.

**Tanacetum tripinnatifidum** Oliver, Hook., Ic. 4: 2306. 1894.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh.

**TARAXACUM** Webb. in Wigg. Prim. Fl. Hols. 56. 1780.

**Taraxacum acreum** van Soest in Wentia 10: 36. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 788. 1972.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; PAKISTAN.

**Taraxacum amblylepidocarpum** van Soest,

Wentia 10: 12. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 788. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum apargiaeforme** Dahlstedt in Acta Hort. Gothob. 2: 178. 1926; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 788. 1972.

Distrib.: INDIA: Jammu & Kashmir; BHUTAN.

**Taraxacum aurorum** van Soest in Wentia 10: 59. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 789. 1972.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh.

**Taraxacum azzizi** van Soest in Wentia 10: 21. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 789. 1972.

Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN.

**Taraxacum baltistanicum** van Soest in Wentia 10: 14. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 789. 1972.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh; AFGHANISTAN, PAKISTAN, PERSIA.

**Taraxacum banhyhalense** van Soest in Wentia 10: 37. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 789. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum bicolor** DC., Prodr. 7: 148. 1838; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 789. 1972.

Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN,



TIBET, CHINA, TURKISTAN,  
SIBERIA, ALTAI.

**Taraxacum brevirostre** Hand.-Mazz., Monogr. der Gatt. Tarax. 46. 1907; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 789. 1972.

Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN, IRAQ, IRAN, TURKISTAN, TIBET.

**Taraxacum ceratophorum** (Ledeb.) DC., Prodr. 7: 146. 1838; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 789. 1972. *Leontodon ceratophorum* Ledeb., Ic. Pl. Fl. Ross. 1: 9. t. 34. 1838.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; Mountains in HIGH ASIA, EUROPE, AMERICA.

**Taraxacum coronatum** Hand.-Mazz., Monogr. der Gatt. Tarax. 3. 1907; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 790. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum dissectum** (Ledeb.) Ledeb., Fl. Ross. 2: 814. 1846; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 790. 1972. *Leontodon dissectum* Ledeb. in Mem. Acad. Sci. St. Petersb. 5: 1812, 555. 1814.

Distrib.: INDIA: Jammu & Kashmir; SIBERIA.

**Taraxacum duplidens** Lindberg f., Acta. Soc. P. Fam. *et* Fl. Fenn. 29(9): 38. 1907.

Distrib.: INDIA: Himachal Pradesh; N. EUROPE, N. FRANCE, GERMANY.

**Taraxacum elegans** van Soest in Wentia 10: 37. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 790. 1972.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; NEPAL.

**Taraxacum eriocarpum** H. Hartm. in Candollea 39: 508. 1984.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum eriopodum** (D. Don) DC., Prodr. 7: 147. Pl. 1. 1838; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 790. 1972. *Leontopodon eriopodum* D. Don in Mem. Wern. Soc. Edinb. 3: 413. 1820. *Taraxacum officinale* Wigg. var. *eriopoda* Hook. f., Fl. Brit. Ind. 3: 401. 1881.

Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh, Sikkim, Assam; BHUTAN, NEPAL.

**Taraxacum flavum** van Soest in Wentia 10: 22. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 790. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum forrestii** van Soest in Bull. Brit. Mus. (Nat. Hist.) 2 (10): 265. Pl. 23. 1961.

Distrib.: INDIA: Uttar Pradesh.

**Taraxacum fulvescens** van Soest in Wentia 10: 23. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 790. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum fulvo-brunneum** van Soest in Wentia 10: 24. 1963; Stewart in Nasir *et*

Ali., Ann. Cat. Vas. Pl. W. Pak. 780. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum gulgargense** van Soest in Wentia 10: 25. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 790. 1972.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.

**Taraxacum harbhajan-singhii** van Soest, in Wentia 10: 26. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 791. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum harbhajan-singhii** van Soest subsp. *pahalgamense* van Soest in Wentia 10: 27. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 791. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum helianthum** van Soest in Wentia 10: 55. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 791. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum heteroloma** Hand.-Mazz., Monogr. der. Gatt. Tarax. 120. t. 3. f. 12, 1907; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 791. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum heybroeckii** van Soest in Wentia 10: 44. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 791. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum himalaicum** van Soest in Bull. Brit. Mus. (Nat. Hist.) 2 (10): 267. 1961;

Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 791. 1972.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL, PAKISTAN.

**Taraxacum hoofitii** van Soest in Bull. Brit. Mus. (Nat. Hist.) 2 (10): 267-268. Pl. 25. 1961; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 791. 1972.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.

**Taraxacum indicum** Hand.-Mazz., Monogr. der Gatt. Tarax. 120. 1907; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 791. 1972.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.

**Taraxacum insigne** Ekman ex Dahlstedt, Taraxac. Scandinavica Exsiccata 111. 1913.

Distrib.: INDIA: W. Bengal.

**Taraxacum javanicum** van Soest in Wentia 10: 56. f. 27. 1963. *T. officinale* auct. non Wigg.; Hook. f., Fl. Brit. Ind. 3: 401. 1881. *p.p.*

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh, Tamilnadu, Maharashtra; JAVA, SRI LANKA.

**Taraxacum karakoricum** van Soest in Bull. Brit. Mus. (Nat. Hist.) 2 (10): 268. Pl. 26. 1961; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 791. 1972.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; AFGHANISTAN, PAKISTAN.

- Taraxacum kashmirens** van Soest in Bull. Brit. Mus. (Nat. Hist.) 2 (10): 268. 1961; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 792. 1972.  
Himachal Pradesh, Uttar Pradesh; AFGHANISTAN, PAKISTAN, TIBET, MONGOLIA, U.S.S.R.
- Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.
- Taraxacum kjellmaniiforme** van Soest in Wentia 10: 57. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 792. 1972.
- Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.
- Taraxacum ladakense** van Soest in Wentia 10: 11. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 792. 1972.
- Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.
- Taraxacum laevigatum** (Willd.) DC., Cat. Hort. Monopel. 149. 1813. *Leontodon laevigatum* Willd., Sp. Pl. 3: 1546. 1803.
- Distrib.: INDIA: Jammu & Kashmir.
- Taraxacum lahulense** van Soest in Proceed. Kon. Needr. Akad. van Wetensch. Ser. C. 69 (3): 375. 1966.
- Distrib.: INDIA: Jammu & Kashmir.
- Taraxacum latibasis** van Soest in Wentia 10: 28. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 792. 1972.
- Distrib.: INDIA: Jammu & Kashmir.
- Taraxacum leucanthum** (Ledeb.) Ledeb., Fl. Ross. 2: 815. 1844 *p.p.*; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 792. 1972. *Leontodon leucanthus* Ledeb., Fl. Alt. 4: 154. 1833.
- Distrib.: INDIA: Jammu & Kashmir,
- Taraxacum loblichleri** van Soest in Proceed. Kon. Needr. Akad. Van Wetensch Ser. C. 69 (3): 374. 1966; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 792. 1972.
- Distrib.: INDIA: Jammu & Kashmir.
- Taraxacum longicarpum** van Soest in Wentia 10: 40. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 792. 1972.
- Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh.
- Taraxacum luridum** Hagl. in Pers. Bot. Not. 307. 1938; Reching. f., Fl. Iran. 122: 238. 1977.
- Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN.
- Taraxacum maurocarpum** Dahlstedt, Medd. Goteb. Bot. Tradg. 2: 176. f. 12. tab. 3, f. 16-18. 1926.
- Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, CHINA.
- Taraxacum melleum** van Soest in Wentia 10: 14. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 792. 1972.
- Distrib.: INDIA: Jammu & Kashmir.
- Taraxacum mitalii** van Soest in Wentia 10: 46. t. 20. 1963.
- Distrib.: INDIA: Uttar Pradesh, Sikkim; NEPAL, BURMA, S. TIBET.
- Taraxacum monochlamydeum** Hand.-Mazz., Monog. der Gatt. Tarax. 44. 1907; van

Soest in Wentia 10: 18. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 792. 1972.

Distrib.: INDIA: Jammu & Kashmir;  
CHINA, MONGOLIA,  
TURKEY & TURKISTAN.

**Taraxacum mucronulatum** van Soest in Bull. Brit. Mus. (Nat. Hist.) 2 (10): 270-271. 1961.

Distrib.: INDIA: E. Himalaya.

**Taraxacum nagaricum** van Soest in Wentia 10: 62. 1963; Stewart in Nasir *et* Ali, Ann. Vas. Pl. W. Pak. 793. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum nasiri** van Soest in Wentia 10: 48. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 793. 1972.

Distrib.: INDIA: Jammu & Kashmir;  
PAKISTAN.

**Taraxacum neolobulatum** van Soest in Acta Bot. Neer. 9: 305-306. 1960; Reching. f., Fl. Iran. 122: 255. 1977.

Distrib.: INDIA: Himachal Pradesh;  
AFGHANISTAN, PAKISTAN,  
PERSIA; TURCOMANIA, IRAN.

**Taraxacum nigrum** van Soest in Wentia 10: 48. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 793. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum nivale** J. Lange in A.O. Kihlman Bot. Not. 145. 1889; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 793. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum officinale** Weber in Wiggers Prim. Fl. Holoset 56. 1780; Hook. f., Fl. Brit. Ind. 3: 401. 1881.

Distrib.: INDIA: Throughout the Himalaya. Temperate and cold region of the N. & S. hemisphere.

**Taraxacum officinale** Weber var. **parvula** Wall. ex Hook. f., Fl. Brit. Ind. 3: 401. 1881.

Distrib.: INDIA: Throughout Himalaya.

**Taraxacum paludosum** (Scop.) Schlech. var. **tenuifolium** (Hoppe) Hand.-Mazz., Monogr. der Gatt. Tarax. 76. 1907; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 793. 1972. *Hedypnois paludosa* Scop., Fl. Carn. 2: 100. 1772.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum parvuliforme** van Soest in Proceed. Kon. Needr. Acad. van Wetensch. Ser. C. 69 (3): 375. 1966; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 793. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum phoenicolepis** van Soest in Wentia 10: 29. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 793. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum polyodon** Dahlstedt, Ark. f. Bot. 9 (10): 56. 1910; van Soest in Wentia 10: 58. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 793. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum primigenium** Hand.-Mazz., Monogr. der Tarax. 17. 1907; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 793. 1972.

- Distrib.: INDIA: Jammu & Kashmir.
- Taraxacum pseudobicorne** van Soest in Proceed. Kon Needr. Akad. van Wetensch. Ser. C. 69 (3): 375. 1966.
- Distrib.: INDIA: Jammu & Kashmir.
- Taraxacum pseudo-eriopodum** van Soest in Wentia 10: 29. f. 13. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 793. 1972.
- Distrib.: INDIA: Jammu & Kashmir.
- Taraxacum pseudo-leucanthum** van Soest in Proceed. Kon Needr. Akad. Van. Wetensch. Ser. C. 69 (3): 365. 1966; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 793. 1972.
- Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN.
- Taraxacum pseudo-stenolepium** van Soest in Wentia 10: 49. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 794. 1972.
- Distrib.: INDIA: Jammu & Kashmir, Uttar Pradesh.
- Taraxacum pseudo-stevenii** van Soest in Wentia 10: 50. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 794. 1972.
- Distrib.: INDIA: Jammu & Kashmir.
- Taraxacum pullocarpum** van Soest in Wentia 10: 18. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 794. 1972.
- Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN.
- Taraxacum sherriffii** van Soest in Bull. Brit. Mus. (Nat. Hist.) 2 (10): 272. 1961; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 794. 1972.
- Distrib.: INDIA: Himachal Pradesh.
- Taraxacum sikkimense** Hand.-Mazz., Monogr. der. Gatt. Tarax. 103. 1907; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 794. 1972.
- Distrib.: INDIA: Jammu & Kashmir, Sikkim; NEPAL, PAKISTAN.
- Taraxacum spiticum** van Soest in Wentia 10: 53. f. 33. 1962.
- Distrib.: INDIA: Himachal Pradesh.
- Taraxacum squarrosiceps** van Soest in Wentia 10: 30. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 794. 1972.
- Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN.
- Taraxacum staticifolium** van Soest in Bull. Brit. Mus. (Nat. Hist.) 2 (10): 272. 1961; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 794. 1972.
- Distrib.: INDIA: Jammu & Kashmir.
- Taraxacum stenolepium** Hand.-Mazz., Monogr. der Gatt. Tarax. 121. 1907; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 794. 1972.
- Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN.
- Taraxacum stereodiforme** van Soest in Wentia 10: 31. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 795. 1972.
- Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh.
- Taraxacum steveuui** (Spreng.) DC., Prodr. 7. Pl. 1, 149. 1838, emend. Hand.-Mazz., Monogr. der Gatt. Tarax. 121. 1907; Stewart

in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 795. 1972. *Leontodon stevenii* Spreng., Syst. Veg. 3: 658. 1826.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum stewartii** van Soest in Wentia 10: 51. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 795. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum tenebristylum** van Soest in Wentia 10: 32. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 795. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum tibetanum** Hand.-Mazz., Monog. der Gatt. Tarax. 67. t. 2, f. 12. 1907; van Soest in Wentia 10: 51. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 795. 1972.

Distrib.: INDIA: Sikkim; NEPAL, BHUTAN, CHINA.

**Taraxacum tricuspdatum** van Soest in Proceed. Kon Needr. Akad. van Wentensch Ser. C 69 (3): 382. 1966; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 795. 1972.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh.

**Taraxacum violaceo-maculatum** van Soest in Wentia 10: 59. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pakistan 795. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum vulpinum** van Soest in Wentia 10: 33. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 795. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum vulpinum** van Soest, f. **pallidocarpum** van Soest in Wentia 10: 34. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 795. 1972.

Distrib.: INDIA: Jammu & Kashmir.

**Taraxacum wallichii** DC., Prodr. 7. 147. 1838; van Soest in Wentia 10: 19. 1963 *p.p.*; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 796. 1972.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Punjab; AFGHANISTAN, PAKISTAN, PERSIA, CHINA, TIBET

**Taraxacum Wattii** Hook. f., Fl. Brit. Ind. 3: 402. 1881, emend. van Soest in Wentia 10: 52. 1963; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 796. 1972.

Distrib.: INDIA: Jammu & Kashmir; Himachal Pradesh, Sikkim; AFGHANISTAN, PAKISTAN.

**Taraxacum xanthophyllum** Haglund. in Bot. Not. 314. 1938.

Distrib.: INDIA: Jammu & Kashmir.

**THESPIS** DC., Arch. Bot. 2: 517. 1833.

**Thespis divaricata** DC., Prodr. 5: 375. 1836; Hook. f., Fl. Brit. Ind. 3: 259. 1881.

Distrib.: INDIA: Sikkim, Assam; BANGLADESH, NEPAL, BURMA, INDOCHINA, THAILAND.

**TITHONIA** Desf. ex A.L. Jussieu, Gen. 189. 1789.

**Tithonia diversifolia** (Hemsl.) A. Gray in Proc. Am. Acad. 19: 5. 1883.

Distrib.: Cultivated as well as escape. Native of S. AMERICA, introduced to BURMA, MALAYA, CHINA, S. AFRICA.

**Tithonia rotundifolia** (Mill.) Blake in Contrib. Gray Herb. n.s. 52: 41. 1917; Raizada *et al.* in Ind. J. Forest. 2 (4): 344. 1979. *Tagetes rotundifolia* Mill., Gard. Dict. ed. 8. 1768.

Distrib.: INDIA: Karnataka, Maharashtra. Native of Central America.

**Tithonia tagetiflora** Desf. in Ann. Mus. Par. 1: 46. t. 4. 1802; Gaudet, J. John in J. Bombay Nat. Hist. Soc. 60 (1): 295. 1963.

Distrib.: INDIA: Himachal Pradesh, Maharashtra; C. AMERICA.

**TRAGOPOGON** L., Sp. Pl. 789. 1753.

**Tragopogon dubius** Scop., Fl. Carn. 2, 2: 95. 1772; Stewart in Nasir *et al.*, Ann. Cat. Vas. Pl. W. Pak. 797. 1972. *T. pratense sensu* Hook. f., Fl. Brit. Ind. 3: 418. 1881 (*non* L.).

Distrib.: INDIA: Jammu & Kashmir; EUROPE.

**Tragopogon gracilis** D. Don. in Mem. Wern. Soc. 3: 414. 1820; Stewart in Nasir *et al.*, Ann. Cat. Vas. Pl. W. Pak. 797. 1972.

Distrib.: INDIA: Jammu and Kashmir; AFGHANISTAN, PAKISTAN.

**Tragopogon kashmirianus** Singh, For. Fl. Srinagar 123. 1976.

Distrib.: INDIA: Jammu & Kashmir.

**Tragopogon orientalis** L., Sp. Pl. 789. 1753; Stewart in Nasir *et al.*, Ann. Cat. Vas. Pl. W. Pak. 797. 1972.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, EUROPE, N. ASIA.

**Tragopogon sinuatum** Ave. Lal Pl. Ital. Bor. 1829; Stewart in Nasir *et al.*, Ann. Cat. Vas. Pl. W. Pak. 797. 1972. *T. porrifolium sensu* Hook. f., Fl. Brit. Ind. 3: 418. 1881 (*non* L.)

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; PAKISTAN, ASIA MINOR, EUROPE.

**TRICHOLEPIS** DC., Arch. Bot. 2: 515. 1833.

**Tricholepis amplexicaulis** Clarke, Comp. Ind. 240. 1876; Hook. f., Fl. Brit. Ind. 3: 381. 1881.

Distrib.: INDIA: Karnataka, Maharashtra. Endemic.

**Tricholepis angustifolia** DC., Prodr. 6: 564. 1838. excl. Syn.; Hook. f., Fl. Brit. Ind. 3: 382. 1881.

Distrib.: INDIA: Karnataka, Kerala. Endemic.

**Tricholepis chaetolepis** (Boiss.) Rech. f. in Oesterr. Bot. Zeitschr. 97: 251. 1950. *Jurinea chaetolepis* Boiss., Diagn. ser. 2. 3: 50. 1856.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, AFGHANISTAN.

**Tricholepis elongata** DC., Prodr. 6: 563.

1838; Hook. f., Fl. Brit. Ind. 3: 380. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh.

**Tricholepis furcata** DC., Prodr. 6: 553. 1838 ; Hook. f., Fl. Brit. Ind. 3: 380. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; NEPAL. BHUTAN, PAKISTAN.

**Tricholepis glaberrima** DC., Prodr. 6: 754. 1838; Hook. f., Fl. Brit. Ind. 3: 381. 1881.

Distrib.: INDIA: Madhya Pradesh, Rajasthan, Gujarat, Maharashtra.

**Tricholepis karenium** Kurz in J. Asiat. Soc. Bengal 41 (2): 318. 1872; Hook. f., Fl. Brit. Ind. 3: 380. 1881.

Distrib.: INDIA: Jammu & Kashmir; BURMA, CHINA.

**Tricholepis nakaoui** Kitam. in Acta Phyto. Geobot. 19: 105. 1963. f. 59. 1964.

Distrib.: INDIA: Jammu & Kashmir.

**Tricholepis radicans** (Roxb.) DC., Prodr. 6: 584. 1838; Hook. f., Fl. Brit. Ind. 3: 381. 1881. *Carduus radicans* Roxb., Fl. Ind. 3: 408. 1832.

Distrib.: INDIA: Maharashtra, Karnataka, Kerala. Endemic.

**Tricholepis stewartii** Clarke ex Hook. f., Fl. Brit. Ind. 3: 380. 1881.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN.

**Tricholepis stictophyllum** Clarke, Comp. Ind. 241. 1876; Hook. f., Fl. Brit. Ind. 3: 382. 1881.

Distrib.: India: Uttar Pradesh, Madhya Pradesh; BURMA.

**Tricholepis tibetica** Hook. f., & Thoms. in Clarke, Comp. Ind. 241. 1876; Hook. f., Fl. Brit. Ind. 3: 382. 1881.

Distrib.: INDIA: Jammu & Kashmir; AFGHANISTAN, PAKISTAN.

**TRIDAX** L., Sp. Pl. 900. 1753.

**Tridax procumbens** L., Sp. Pl. 900. 1753; Hook. f., Fl. Brit. Ind. 3: 311. 1881.

Distrib.: INDIA: Throughout India. Native of S. AMERICA, fairly common in all warm Countries.

**TUSSILAGO** L., Sp. Pl. 865. 1753.

**Tussilago farfara** L., Sp. Pl. 865. 1753; Hook. f., Fl. Brit. Ind. 3: 330. 1881. *T. rupestris* Wall. Cat. 2990.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; N.W. ASIA, N. AFICA, EUROPE, AFGHANISTAN.

**VERBESINA** L., Sp. Pl. 901. 1753.

**Verbesina encelioides** (Cav.) Benth. in Benth. & Hook. f., Gen. Pl. 2: 383. 1873. *Ximenesia encelioides* Cav., Icon. 2: 60. t. 1793; Raizada in J. Ind. Bot. Soc. 15: 1936.

Distrib.: INDIA: Wide spread in N. India, Karnataka, Tamilnadu. Native of TROPICAL AMERICA.

**VERNONIA** Schreber. Gen. 2: 541. 1791 (nom. cons.).

**Vernonia albicans** DC. in Wight, Contrib.



Bot. Ind. 6: 1834; Ramamoorthy in Saldanha & Nicolson, Fl. Hassan Dist. 626. 1976.

Distrib.: INDIA: Tamilnadu, Andhra Pradesh, Karnataka; SRI LANKA, MALAYA, CHINA.

**Vernonia anaimudica** Shetty & Vivek. in Bull. Bot. Surv. Ind. 12: 266. 1970.

Distrib.: INDIA: Kerala. Endemic.

**Vernonia anamallica** Bedd. ex Gamble in Kew Bull. 1920: 339. 1920.

Distrib.: INDIA: Tamilnadu, Kerala. Endemic.

**Vernonia anceps** Clarke ex Hook. f., Fl. Brit. Ind. 3: 233. 1881; Puri *et al.* in Rec. Bot. Surv. Ind. 19 (1): 73. 1964.

Distrib.: INDIA: Rajasthan; SRI LANKA.

**Vernonia andamanica** Balakr. *et* Nair in Bull. Bot. Surv. Ind. 24: 32. 1982.

Distrib.: INDIA: Andamans.

**Vernonia andersoni** Clarke, Comp. Ind. 27. 1876; Hook. f., Fl. Brit. Ind. 3: 241. 1881.

Distrib.: INDIA: Assam, Arunachal Pradesh, Nagaland; BURMA, HONGKONG, CHINA.

**Vernonia anthelmintica** (L.) Willd., Sp. Pl. 3: 1634. 1803; Hook. f., Fl. Brit. Ind. 3: 236. 1881. *Conyza anthelmintica* L., Sp. Pl. 861. 1753.

Distrib.: INDIA: Throughout India; AFGHANISTAN, NEPAL, PAKISTAN, MALACCA, MALAYSIA, SRI LANKA.

**Vernonia arborea** Buch.-Ham. in Trans. Linn. Soc. London 14: 218. 1825; Hook. f., Fl. Brit. Ind. 3: 239. 1881. *V. arborea* Buch.-Ham. var. *wightiana* Hook. f., Fl. Brit. Ind. 3: 239. 1881.

Distrib.: INDIA: Assam, Meghalaya, Manipur, Nagaland, Tamilnadu, Karnataka, Kerala, Andamans; BANGLADESH, BURMA, SRI LANKA, NEPAL, PAKISTAN, NEW GUINEA, MALAY ARCHIPELAGO.

**Vernonia arborea** var. *javanica* (DC.) Clarke, Comp. Ind. 23. 1876; Koster in Blumea 1: 386. 1935. *V. javanica* DC., Prodr. 5: 22. 1836.

Distrib.: INDIA: Assam; BURMA, SRI LANKA, MALAY ARCHIPELAGO.

**Vernonia aspera** Buch.-Ham. in Trans. Linn. Soc. London 14: 212. 1825. *V. roxburghii* Less. in Linnaea 6: 674. 1831; Hook. f., Fl. Brit. Ind. 3: 232. 1881.

Distrib.: INDIA: Uttar Pradesh, Bihar, Orissa, Assam, Manipur, Meghalaya, Nagaland, Concan; BURMA.

**Vernonia attenuata** DC., Prodr. 5: 33. 1836; Hook. f., Fl. Brit. Ind. 3: 231. 1881.

Distrib.: INDIA: Arunachal Pradesh, Manipur, Meghalaya, Mizoram, W. Bengal, Sikkim; BURMA.

**Vernonia bababudensis** Talbot in J. Bombay Nat. Hist. Soc. 11: 237. 1897.

Distrib.: INDIA: Karnataka, Kerala, Tamilnadu.

- Vernonia beddomei** Hook. f., Fl. Brit. Ind. 3: 231. 1881.  
 Distrib.: INDIA: Kerala. Endemic.
- Vernonia blanda** DC., Prodr. 5: 32. 1836; Hook. f., Fl. Brit. Ind. 3: 241. 1881. *Conyza blanda* Wall. Cat. 3033. 1828 *nom. nud.*  
 Distrib.: INDIA: Nagaland, Meghalaya, Mizoram, Manipur; BURMA, COCHINCHINA, THAILAND.
- Vernonia bourdillonii** Gamble in Kew Bull. 1920: 339. 1920.  
 Distrib.: INDIA: Kerala, Tamilnadu. Endemic.
- Vernonia bourneana** W.W. Smith in Rec. Bot. Surv. Ind. 6: 101. 1914.  
 Distrib.: INDIA: Kerala, Tamilnadu. Endemic.
- Vernonia cinerascens** Sch.-Bip. in Schweinf. Fl. Aethiop. 162. 1867; Hook. f., Fl. Brit. Ind. 3: 237. 1881.  
 Distrib.: INDIA: Punjab, Rajasthan, Gujarat, Tamilnadu, W. Ghats; PAKISTAN, W. TROPICAL AFRICA.
- Vernonia cinerea** (L.) Less. in Linnæa 4: 291. 1829; Hook. f., Fl. Brit. Ind. 3: 233. 1881. *Conyza cinerea* L., Sp. Pl. 862. 1753.  
 Distrib.: INDIA: Throughout India; AFRICA, AUSTRALIA, NEW ZEALAND, TROPICAL ASIA, BURMA.
- Vernonia cinerea** (L.) Less. var. *glabriuscula* DC., Prodr. 5: 24. 1836; Koster in Blumea 1: 416. 1935.  
 Distrib.: INDIA: Tamilnadu; MALAY ARCHIPELAGO.
- Vernonia cinerea** (L.) Less. var. *linifolia* (Bl.) Koster in Blumea 1: 414. 1935. *V. linifolia* Bl. Bijdr. 893. 1826.  
 Distrib.: INDIA: N.E. India, Meghalaya; BURMA.
- Vernonia cinerea** (L.) Less. var. *montana* Clarke, Comp. Ind. 21. 1876. *V. montana* Edgew. in Trans. Linn. Soc. 20: 62. 1846.  
 Distrib.: INDIA: Meghalaya, Nagaland; MALAY ARCHIPELAGO.
- Vernonia cinerea** (L.) Less. var. *parviflora* (Reinw.) DC., Prodr. 5: 24. 1836. *V. parviflora* Reinw. in Bl., Bijdr. 893. 1826.  
 Distrib.: INDIA: Meghalaya, Tamilnadu, Karnataka, Laccadive; SRI LANKA, PHILIPPINES, THAILAND, HAWAII ISLAND, FIZI ISLAND, NEW GUINEA.
- Vernonia clivorum** Hance in Seem J. Bot. 7: 164. 1869; Hook. f., Fl. Brit. Ind. 3: 232. 1881.  
 Distrib.: INDIA: Manipur; BURMA.
- Vernonia comorinensis** W.W. Smith in Rec. Bot. Surv. Ind. 4: 283. 1911.  
 Distrib.: INDIA: Tamilnadu, Kerala. Endemic.
- Vernonia conyzoides** DC. in Wight. Contrib. Bot. Ind. 6. 1834; Hook. f., Fl. Brit. Ind. 3: 234. 1881.  
 Distrib.: INDIA: Western Ghats, Rajasthan.

- Vernonia cymosa** Bl., Bijdr. 894. 1826.  
Distrib.: INDIA: Andaman & Nicobar Islands; JAVA.
- Vernonia cymosa** Bl. var. *eupatorioides* (Bl.) Koster in Blumea 1: 427. 1935. *V. eupatorioides* Bl., Bijdr. 894. 1826.  
Distrib.: INDIA: Meghalaya; MALAY ARCHIPELAGO.
- Vernonia divergens** (Roxb.) Edgew. in J. As. Soc. Bengal 21: 172. 1853; Hook. f., Fl. Brit. Ind. 3: 234. 1881. *Eupatorium divergens* Roxb., Fl. Ind. 3: 414. 1832.  
Distrib.: INDIA: Assam, Manipur, Karnataka, Madhya Pradesh, Kerala, Maharashtra, Andhra Pradesh, Tamilnadu; BURMA, THAILAND.
- Vernonia elaeagnifolia** DC., Prodr. 5: 22. 1836; Hook. f., Fl. Brit. Ind. 3: 237. 1881.  
Distrib.: Cultivated throughout India; BURMA, THAILAND.
- Vernonia extensa** DC., Prodr. 5: 33: 1836; Hook. f., Fl. Brit. Ind. 3: 238. 1881.  
Distrib.: INDIA: Eastern tropical Himalaya, Sikkim, Manipur, Nagaland; NEPAL, BHUTAN, BURMA.
- Vernonia fysoni** Calder in Rec. Bot. Surv. Ind. 6: 343. 1914.  
Distrib.: INDIA: Tamilnadu. Endemic.
- Vernonia gardneri** Thw, Enum. Pl. Zeyl. 161. 1860; Hook. f., Fl. Brit Ind. 3: 1881.  
Distrib.: INDIA: S. India (?); SRI LANKA.
- Vernonia gossypina** Gamble in Kew Bull. 1920: 340. 1920.  
Distrib.: INDIA: Tamilnadu. Endemic.
- Vernonia heynei** Bedd. ex Gamble in Kew Bull. 1920: 340. 1920.  
Distrib.: INDIA: Kerala. Endemic.
- Vernonia indica** Wall. ex Clarke, Comp. Ind. 16. 1876; Hook. f., Fl. Brit. Ind. 3: 238. 1881.  
Distrib.: INDIA: Andhra Pradesh, Karnataka, Tamilnadu, Maharashtra. Endemic.
- Vernonia malabarica** Hook. f., Fl. Brit. Ind. 3: 230. 1881.  
Distrib.: INDIA: Karnataka, Kerala, Tamilnadu. Endemic.
- Vernonia mastersii** Watt; Kanjilal *et. al.*, Fl. Assam 3: 107. 1935.  
Distrib.: INDIA: Assam, Meghalaya, Nagaland.
- Vernonia meeboldii** W.W. Smith in Rec. Bot. Surv. Ind. 4: 283. 1911.  
Distrib.: INDIA: Kerala. Endemic.
- Vernonia membranacea** Bedd. ex Moore in J. Bot. 63: 170. 1925.  
Distrib.: INDIA: Tamilnadu. Endemic.
- Vernonia multibracteata** Gamble in Kew Bull. 1920: 340. 1920.  
Distrib.: INDIA: Kerala. Endemic.

**Vernonia ornata** Talbot in J. Bombay Nat. Hist. Soc. 11: 691. 1898. *V. dalzelliana* Drumm. et Hutch. in Bull. Misc. Inform. 261. 1909.

Distrib.: INDIA: Western Ghats. Endemic.

**Vernonia parryae** Fischer in Kew Bull. 1929: 6. 1929.

Distrib.: INDIA: Mizoram. Endemic.

**Vernonia patula** (Dryand) Merr. in Philipp. J. Sci. 3: 439. 1908. *Conyza patula* Dryand in Hort. Kew 3: 184. 1789.

Distrib.: INDIA: Andaman & Nicobar Islands; INDO-CHINA, JAPAN, BURMA, PHILIPPINES, THAILAND, NEW GUINEA, CHINA, TAIWAN.

**Vernonia pectiniformis** DC. in Wight, Contrib. Bot. Ind. 2. 1834; Hook. f., Fl. Brit. Ind. 3: 239. 1881.

Distrib.: INDIA: Tamilnadu, Kerala; SRI LANKA.

**Vernonia peninsularis** Clarke ex Hook. f., Fl. Brit. Ind. 3: 233. 1881.

Distrib.: INDIA: Tamilnadu, Kerala. Endemic.

**Vernonia pulneyensis** Gamble in Kew Bull. 1920: 341. 1920.

Distrib.: INDIA: Western Ghats, Tamilnadu. Endemic.

**Vernonia ramaswamii** Hutch. in Kew Bull. 1916: 35. 1916.

Distrib.: INDIA: Tamilnadu. Endemic.

**Vernonia recurva** Bedd. ex Moore in J. Bot. 63: 171. 1925.

Distrib.: INDIA: Tamilnadu. Endemic.

**Vernonia revoluta** Buch.-Ham. in Trans. Linn. Soc. 14: 218. 1825; Hook. f., Fl. Brit. Ind. 3: 233. 1881.

Distrib.: INDIA: Uttar Pradesh, W. Bengal; BHUTAN.

**Vernonia saligna** DC., Prodr. 5: 33. 1836; Hook. f., Fl. Brit. Ind. 3: 235. 1881.

Distrib.: INDIA: W. Bengal, Sikkim, Arunachal Pradesh, Manipur, Meghalaya; NEPAL, BANGLADESH, BURMA.

**Vernonia saligna** DC. var. *nilghirensis* Hook. f., Fl. Brit. Ind. 3: 235. 1881.

Distrib.: INDIA: Tamilnadu. Endemic.

**Vernonia salvifolia** Wight, Icon. t. 1079. 1846; Hook. f., Fl. Brit. Ind. 3: 237. 1881.

Distrib.: INDIA: Tamilnadu, Kerala. Endemic.

**Vernonia setigera** Arn., Nov. Acta Phys. Acad. Caes. Leop. Carol. Nat. Cur. 18: 345. 1836; Hook. f., Fl. Brit. Ind. 3: 235. 1881.

Distrib.: INDIA: Western Ghats, Tamilnadu; SRI LANKA.

**Vernonia shevaroyensis** Gamble in Kew Bull. 1920: 341. 1920.

Distrib.: INDIA: Tamilnadu. Endemic.

**Vernonia silhetensis** (DC.) Kerr., Fl. Siam. 2: 243. 1936. *Decaneuron silhetense* DC., Prodr. 5: 67. 1836. *Vernonia bracteata* Clarke, Comp. Ind. 17. 1876; Hook. f., Fl. Brit. Ind. 3: 232. 1881.

Distrib.: INDIA: Meghalaya, W. Bengal, Manipur, Sikkim; BANGLADESH. THAILAND.

**Vernonia squarrosa** (D. Don) Less. in Linnaea 6: 627. 1831. *Acilepis squarrosa* D. Don, Prodr. Fl. Nepal. 169. 1825. *V. teres* Wall. ex DC., Prodr. 5: 15. 1836; Hook. f., Fl. Brit. Ind. 3: 229. 1881.

Distrib.: INDIA: Uttar Pradesh, Sikkim, Manipur, Nagaland, Bihar, Madhya Pradesh; BURMA, CHINA, THAILAND, NEPAL.

**Vernonia subsessilis** DC., Prodr. 5: 62. 1836. *V. subsessilis* DC. var. *bracteolata* Hook. f., Fl. Brit. Ind. 3: 230. 1881.

Distrib.: INDIA: Assam, Meghalaya, Sikkim; BURMA, NEPAL.

**Vernonia subsessilis** var. *macrophylla* Hook. f., Fl. Brit. Ind. 3: 230. 1881.

Distrib.: INDIA: Sikkim; NEPAL.

**Vernonia talaumifolia** Hook. f. & Thoms. ex Clarke, Comp. Ind. 25. 1876; Hook. f. Fl. Brit. Ind. 3: 240. 1881.

Distrib.: INDIA: Arunachal Pradesh, Assam, Meghalaya, Sikkim. W. Bengal, Nagaland. Tripura; NEPAL, BHUTAN.

**Vernonia talaumifolia** Hook. f. & Thoms. var. *hirsutior* Fischer in Kew Bull. 1935: 319. 1936.

Distrib.: INDIA: Mizoram.

**Vernonia travancorica** Hook. f., Fl. Brit. Ind. 3: 240. 1881.

Distrib.: INDIA: Western Ghats, Tamilnadu. Endemic.

**Vernonia vagans** Wall. ex DC., Prodr. 5: 32. 1836. *Conyza vagans* Wall. Cat. 3040. 1828. *Vernonia scandens* DC., Prodr. 5: 32. 1836; Hook. f., Fl. Brit. Ind. 3: 241. 1881.

Distrib.: INDIA: Assam, Arunachal Pradesh, Meghalaya, Mizoram, Nagaland, Sikkim; W. Bengal; BANGLADESH. BURMA, MALAY ARCHIPELAGO.

**Vernonia volkameriifolia** DC., Prodr. 5: 32. 1836; Hook. f., Fl. Brit. Ind. 3: 240. 1881.

Distrib.: INDIA: Arunachal Pradesh, Sikkim, Meghalaya, W. Bengal; NEPAL, BHUTAN, BANGLADESH, INDO-CHINA, THAILAND, BURMA.

**VITTADINIA** A. Rich., Voy. Dec. Astr. Bot. 1 (Ess. Fl. Nuov.-Zel.) 250. 1832.

**Vittadinia australis** A. Rich., Ess. Fl. Nouv. Zel, 261. 1832.

Distrib.: INDIA: Sikkim, W. Bengal (Introduced); NEW ZEALAND, AUSTRALIA.

**WALDHEIMIA** Kar. & Kir. in Bull. Soc. Imp. Nature. Mosc. 15: 125. 1842.

**Waldheimia glabra** (Decne.) Regel in Acta Hort. Petrop. 6: 309. 1879. *Allardia glabra* Decne. in Jacq. Voy. 4 (Bot.): 88. t. 96. 1844; Hook. f., Fl. Brit. Ind. 3: 313. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh, Sikkim; Eastern and Western TIBET, ALTAI MTS.

**Waldheimia nivea** (Hook. f. & Thoms. ex Clarke) Regel in Acta Hort. Petrop. 6: 309.

1879. *Allardia nivea* Hook. f. & Thoms. ex Clarke, Comp. Ind. 145. 1876; Hook. f., Fl. Brit. Ind. 3: 313. 1881.

Distrib.: INDIA: Jammu & Kashmir; PAKISTAN, W. TIBET.

*Waldheimia stoliczkai* (Clarke) Ostanf. in Hedeis, South Tibet 6 (3): 38 (List Fl. Pl. Asia) 1922. *Allardia stoliczkai* Clarke, Comp. Ind. 145. 1876; Hook. f., Fl. Brit. Ind. 3: 313. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh; W. TIBET.

*Waldheimia tomentosa* (Decne.) Regel in Acta Hort. Petrop. 6: 310. 1879. *Allardia tomentosa* Decne. in Jacq. Voy. 4 (Bot.) 87. t. 95. 1844; Hook. f., Fl. Brit. Ind. 3: 313. 1881.

Distrib.: INDIA: Jammu & Kashmir, Himachal Pradesh, Uttar Pradesh; W. TIBET, NEPAL, PAKISTAN.

*Waldheimia vestita* (Hook. f. & Thoms.) Pamp., Fl. del. Carac. 208. 1930. *Allardia vestita* Hook. f. & Thoms. ex Clarke, Comp. Ind. 145. 1876; Hook. f., Fl. Brit. Ind. 3: 313. 1881.

Distrib.: INDIA: Jammu & Kashmir; W. TIBET.

**WEDELIA** N.J. Jacq., Enum. Pl. Carib. 8: 28. 1760.

*Wedelia biflora* (L.) DC. in Wight, Contrib. Bot. Ind. 18. 1834. *Verbesina biflora* L., Sp. Pl. ed. 2, 1272. 1763; Hook. f., Fl. Brit. Ind. 3: 306. 1881.

Distrib.: INDIA: W. Bengal, Maharashtra; Tropical shores of E. ASIA, AFRICA, INDO-CHINA,

MALAYA, PHILIPPINES, JAVA, CHINA, JAPAN, THAILAND, AUSTRALIA, SRI LANKA.

*Wedelia chinensis* (Osbeck.) Merr. in Philipp. J. Sci. 12: 111. 1917. *Solidago chinensis* Osbeck., Dagb. Ostind. Tesa. 241. 1757. *Wedelia calendulacea* (L.) Less., Syn. Gen. Comp. 222. 1832; Hook. f., Fl. Brit. Ind. 3: 306. 1881.

Distrib.: INDIA: Assam, W. Bengal, Tamilnadu; MALAYA, CHINA, JAPAN, SRI LANKA.

*Wedelia urticaefolia* DC. in Wight, Contrib. Bot. Ind. 18. 1834; Hook. f., Fl. Brit. Ind. 3: 306. 1881.

Distrib.: INDIA: On the ghats from concan southwards.

*Wedelia wallichii* Less. in Linnæa 6: 162. 1831; Hook. f., Fl. Brit. Ind. 3: 307. 1881.

Distrib.: INDIA: Uttar Pradesh to Sikkim, Arunachal Pradesh, Meghalaya; BURMA, JAVA.

**XANTHIUM** L., Sp. Pl. 987. 1753.

*Xanthium pungens* Wallroth in Beitr. Bot. 1 (2): 227 & 231-232. 1844; Maheshwari in Curr. Sci. 42 (5): 327-328. 1973.

Distrib.: INDIA: Karnataka, Maharashtra.

*Xanthium spinosum* L., Sp. Pl. 987. 1753; Razi in Rec. Bot. Surv. Ind. 18: 56. 1959.

Distrib.: INDIA: Jammu & Kashmir, W. Bengal. Cosmopolitan.

*Xanthium strumarium* L., Sp. Pl. 987. 1753; Hook. f., Fl. Brit. Ind. 3: 303. 1881.

Distrib.: INDIA: Throughout India ascending to 1600 m in Western Himalaya; SRI LANKA, JAVA.

**YOUNGIA** Cass. in Ann. Sci. Nat. 23: 88. 1831.

**Youngia depressa** (Hook. f. & Thoms.) Babc. & Stebb. in Carn. Inst. Wash. Pub. 484. 33. f. 2. 1937; Shiu-Ying Hu, Quart. J. Taiw. Mus. 22 (182): 30. 1969. *Crepis depressa* Hook. f. & Thoms. in Hook. f., Fl. Brit. Ind. 3: 397. 1881.

Distrib.: INDIA: Sikkim; CHINA.

**Youngia gracilipes** (Hook. f.) Babc. & Stebb. in Carn. Inst. Wash. Pub. 484: 40. f. 6. 1937; Shiu-Ying Hu, Quart. J. Taiw. Mus. 22 (1 & 2): 32. 1969. *Crepis gracilipes* Hook. f., Fl. Brit. Ind. 3: 396. 1881.

Distrib.: INDIA: Sikkim; TIBET.

**Youngia glauca** Edgew. in Trans. Linn. Soc. 20: 79. 1846. *Crepis glauca* Benth., Gen. Pl. 2: 515. 1873; Hook. f., Fl. Brit. Ind. 3: 394. 1881.

Distrib.: INDIA: Himachal Pradesh, Uttar Pradesh; WESTERN TIBET.

**Youngia hondae** Kitam. in Acta Phyto. & Geobot. 19: 106. 1963.

Distrib.: INDIA: Jammu & Kashmir.

**Youngia japonica** (L.) DC., Prodr. 7: 194. 1838; Rech. f., Fl. Iran. 122: 217. 1977. *Prenanthes japonica* L., Mant. Pl. 107. 1767. *Crepis japonica* Benth., Fl. Hongk. 194. 1861; Hook. f., Fl. Brit. Ind. 3: 395. 1881.

Distrib.: INDIA: Jammu & Kashmir, Madhya Pradesh; AFGHANISTAN, PAKISTAN, BHUTAN, CHINA, PHILIPPINES,

MALESIA, HAWAI, JAPAN, KOREA, SRI LANKA.

**Youngia nilgiriensis** Babc. in Kew Bull. 1939: 662. 1940.

Distrib.: INDIA: Tamilnadu. Endemic.

**Youngia racemifera** (Hook. f.) Babc. & Stebb. in Univ. Calif. Pub. Bot. 18: 229. f. 2. 1943; Shiu-Ying Hu, Quart. J. Taiw. Mus. 22 (182): 35. 1969. *Crepis racemifera* Hook. f., Fl. Brit. Ind. 3: 397. 1881.

Distrib.: INDIA: Sikkim; CHINA.

**Youngia stebbinsiana** S.Y. Hu in Quart. Journ. Taiwan Mus. 22: 32. 1969. *Y. gracilis* (Hook. f. & Thoms. ex Clarke) Babc. & Stebb. in Carn. Inst. Wash. Publ. 484: 67. 1937. *non* Miq. 1861. *Crepis gracilis* Hook. f. & Thoms. ex Clarke, Comp. Ind. 254. 1876.

Distrib.: INDIA: Sikkim; CHINA.

**Youngia tenuifolia** (Willd.) Babc. & Stebb. subsp. *diversifolia* (Ledeb.) Babc. & Stebb., Carn. Inst. Wash. Pul. 484: 54. f. 9-12, 1937; Stewart in Nasir *et* Ali, Ann. Cat. Vas. Pl. W. Pak. 801. 1972. *Crepis tenuifolia* Willd., Sp. Pl. 3: 1605. 1803; Hook. f., Fl. Brit. Ind. 3: 395. 1881. *p. p.*

Distrib.: INDIA: Jammu & Kashmir.

**ZINNIA** L., Syst. Nat. ed. 10, 1221. 1759. *nom cons.*

**Zinnia elegans** Jacq., Coll. 3: 152. 1789.

Distrib.: INDIA: Cultivated throughout India. MEXICO.

**Zinnia linearis** Benth., Pl. Hartw. 17. 1839.

Distrib.: INDIA: Cultivated throughout  
India; MEXICO.

*Zinnia peruviana* (L.) L., Syst. Nat. ed. 10,  
19, 2: 1221. 1759.

Distrib.: INDIA: Cultivated throughout  
India; NORTH AMERICA,  
AUSTRALIA.

*ZOEGEA* L., Syst. Nat. ed. 12, 2: 571. 1767.

*Zoegea purpurea* Fresen. in Muss. Senckenb.  
86. 1833; Hook. f., Fl. Brit. Ind. 3: 384.  
1881.

Distrib.: INDIA: Jammu & Kashmir;  
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*jacquemontiana* Bess. 7  
**japonica** Thunb. 7  
 var. **lanata** Pamp. 8  
*kohatica* Klatt 6  
**laciniata** Willd. 8  
*leptostachya* DC. 10  
**macrocephala** Jacq. ex Bess. 8  
**maritima** L. 8  
*maritima* sensu Hook. f. 8  
**maritima** L. var. **thomsoniana** Clarke 8  
*minima* L. 23  
**minor** Jacq. ex Bess. 8  
**myriantha** Wall. ex Bess. 8  
 var. **pleiocephala** (Pamp.) Ling 8  
*maderaspatana* L. 42  
*moorcroftiana* Wall. ex DC. 10  
**nepalensis** Nees 8  
**nilagirica** (Clarke) Pamp. 8  
**pallens** Wall. ex DC 9  
*parviflora* Roxb. ex D. Don 7  
**persica** Boiss. 9  
*pleiocephala* Pamp. 8  
*purpurascens* Jacq. ex Bess. 9  
*royleana* DC. 7  
**roxburghiana** Wall. ex Bess. 9  
 var. *grata* (Wall. p.p.) Hook. f. 9  
 var. **purpurascens** (Jacq. ex Bess.) Hook.  
 f. 9  
**rutifolia** Steph. ex Spreng. 9  
*sacrorum* Ledeb. 7  
**salsoloides** Willd. 9  
 var. **paniculata** Hook. f. 9  
 var. **salsoloides** 9  
 var. **wellbyi** (Hemsl. & Pearson) Ostenf.  
 9  
*scoparia* Waldst. & Kit. 6  
**sieversiana** Ehrh. ex Willd. 9  
**stracheyi** Hook. f. & Thoms. ex Clarke 9  
**stricta** Edgew. 9  
**strongylocephala** Pamp. 9  
 var. **cachemirica** Pamp. sub. f. **glabrescens**  
 Pamp. 10  
*subdigitata* sensu Mall f. 7  
**tenuifolia** Ling & Puri 10  
**thellungiana** Pamp. 10  
**tournefortiana** Reichenb. 6  
**verlotiorum** Lamotte 10  
**vestita** Wall. ex DC. 10  
**vulgaris** Clarke 7  
 var. *myriantha* Clarke 8  
 var. *nilagirica* Clarke 8  
**wallichiana** Bess. 10  
*wellbyi* Hemsl. & Pearson 9
- ASTER** L.
- ageratoides** Turcz. subsp. **alato-petiolata**  
 Kitam. 10  
**albescens** (DC.) Hand.-Mazz. 10  
 var. **glandulosus** Hand.-Mazz. 10  
 var. **niveus** Hand.-Mazz. 10  
**altaicus** Willd. 11  
*annuus* L. 36  
*asperulus* (DC.) Hook. f. 12  
**asteroides** (DC.) O. Ktze. 11  
**barbellatus** Grierson 11  
*bellidioides* Buch.-Ham. ex D. Don 36  
*crenatifolius* Hand.-Mazz. 44  
*crispa* Forssk. 60  
**diplostephioides** (DC.) Clarke 11

- Aster diplostephioides* var. *falconeri* Clarke 11  
*elegans* Hook. f. & Thoms. ex Clarke 12  
*falconeri* (Clarke) Hutch. 11  
 subsp. *nepalensis* Grierson 11  
*flaccidus* Bunge 11  
 subsp. *flaccidus* 11  
 subsp. *flaccidus* f. *griseobarbatus* Grierson 11  
 var. *glandulosus* Keissl. 11  
*flaccidus* subsp. *glandulosus* (Keissl.) Onno 11  
 var. *glandulosus* Keissl. 11  
*gouldii* Fischer 44  
*heliopsis* Grierson 12  
*heterochaeta* Clarke 11  
*himalaicus* Clarke 12  
*indamellus* Grierson 12  
*india* L. 19  
*laka* Clarke 12  
*molliusculus* (Lindl. ex DC.) Clarke 12  
 var. *minor* Grierson 12  
 var. *molliusculus* 12  
*neo-elegans* Grierson 12  
*peduncularis* Wall. ex Nees 12  
*pilosus* Willd. var. *demotus* Blake 12  
*pseudamellus* Hook. f. 12  
*pyncnophyllus* W.W. Smith 12  
*sikkimensis* Hook. 12  
*stracheyi* Hook. f. 11  
*thomsonii* Clarke 13  
*tibeticus* Hook. f. 13  
*tibeticus* Hook. f. 11  
*tricephalus* Clarke 11, 13  
*tricephalus auct. non* Clarke 12  
*trinervius* D. Don subsp. *ageratoides* (Turcz.) Grierson 10  
*vestitus* Franch. 13
- ATHROISMA** DC. 13
- laciniatum* DC. 13  
*Aucklandia costus* Falc. 62
- Baccharis indica* L. 58  
*Barkhausia flexuosa* DC. 31
- BELLIS** L. 13
- javanica* Bl. 55  
*perennis* L. 13  
*stipitata* Labill. 49  
*Berthelotia lanceolata* DC. 58
- BIDENS** L. 13
- bipinnata* L. 13  
*biternata* (Lour.) Merr. & Sherff. 13  
*cernua* L. 13  
*chinensis auct. non* Willd. 13  
*comosa* (Gray) Wiegand 13  
*humilis* H.B. & K. 13  
*minima* Huds. 13  
*pilosa* L. 13  
 var. *bipinnata* (L.) Hook. f. 13  
 var. *minor* (Bl.) Sherff. 14  
*pilosa auct. non* L. 13  
*repens* D. Don 14  
*sulphurea* (Cav.) Shultz-Bip. 14  
*sundaica* var. *minor* Bl. 14  
*tetraspinosa* Kak & Javeid 14  
*tripartita* L. 14  
*tripartita sensu* Hook. f. 14  
 var. *repens* (D. Don) Sherff. 14
- BLAINVILLEA** Cass. 14
- acmella* (L.) Philipson 14  
*latifolia* (L. f.) DC. ex Wight 14
- BLEPHARISPERMUM** DC. 14
- petiolare* DC. 14  
*subsessile* DC. 14
- BLUMEA** DC. 14
- alata* (D. Don) DC. 50  
*amplectens* DC. var. *amplectens* 18  
 var. *arenaria* (DC.) Hook. f. 18  
 var. *maritima* Clarke ex Hook. f. 18

- Blumea amplexans* var. *pubiflora* (DC.)  
Hook. f. 18  
var. *tenella* (DC.) Hook. f. 18  
*arenaria* DC. 18  
*aromatica* DC. 14  
*atropurpurea* Haines 14  
*balsamifera* (L.) DC. 15  
*barbata* DC. 15  
*belangeriana* DC. 15  
*bifoliata* (L.) DC. 15  
*bovei* (DC.) Vatke 15  
*chinensis* DC. 18  
*clarkei* Hook. f. 15  
*densiflora* DC. 15  
*eriantha* DC. 15  
*fistulosa* (Roxb.) Kurz 15  
*flava* DC. 19  
*flexuosa* Clarke 16  
var. *peninsularis* Hook. f. 16  
var. *zeylanica* Hook. f. 16  
*glandulosa* DC. 16  
*glomerata* DC. 15  
*gracilis* DC. 17  
*hamiltoni* DC. 16  
*henryi* Dunn. 17  
*hieraciifolia* (D. Don) DC. 15  
var. *flexuosa* (Clarke) Randeria 16  
var. *hamiltoni* (DC.) Clarke 16  
var. *macrostachya* (DC.) Hook. f. 16  
*hookeri* Clarke ex Hook. f. 16  
*jacquemontii* Hook. f. 17  
*junghuhniana* (Miq.) Boerl. 16  
*kingii* Clarke ex Hook. f. 16  
*lacera* (Burm. f.) DC. 16  
var. *cinerascens* (DC.) Hook. f. 16  
var. *glandulosa* Hook. f. 16  
*laciniata* (Roxb.) DC. 16  
*lanceolaria* (Roxb.) Druce 17  
*lanceolaria* var. *spectabilis* (DC.)  
Randeria 17  
*macrostachya* DC. 16  
*malabarica* Hook. f. 15  
*malcolmii* (Clarke) Hook. f. 17  
*martiniana* Vaniot 17  
*membranacea* DC. 17  
*membranacea* var. *gardneri* Hook. f.  
17  
var. *gracilis* (DC.) Hook. f. 17  
var. *jacquemontii* (Hook. f.) Randeria 17  
var. *membranacea* 17  
var. *muralis* (DC.) Hook. f. 17  
var. *subsimplex* (DC.) Hook. f. 18  
*mollis* (D. Don) Merr. 18  
*muralis* DC. 17  
*myriocephala* DC. 17  
*nodiflora* Hook. f. 15  
*obliqua* (L.) Druce var. *obliqua* 18  
var. *arenaria* (DC.) Giri et Mitra 18  
var. *maritima* Clarke ex Hook. f. 18  
*oxyodonta* DC. 18  
*paucifolia* DC. 18  
*procera* DC. 18  
*pterodonta* DC. 50  
*riparia* (Bl.) DC. 18  
var. *megacephala* Randeria 19  
*sericans* Hook. f. 16  
*sessiliflora* Decne. 19  
*sikkimensis* Hook. f. 19  
*spectabilis* DC. 17  
var. *longifolia* Hook. f. 17  
*squarrosa* DC. 19  
*subcapitata* DC. 16  
*subsimplex* DC. 18  
*venkataramanii* Rolla Rao et Hemadri  
19  
*virens* DC. 19  
var. *minor* Hook. f. 19  
*wightiana* DC. 88
- BLUMEOPSIS** Gagnep. 19  
*flava* (DC.) Gagnep. 19
- BOLFONIA** L. 19  
*indica* (L.) Benth. 19
- BRACHYACTIS** Ledeb. 19  
*anomalum* (DC.) Kitam. 19  
*menthodora* Benth. 19

- Brachyactis pubescens** (DC.) Aitch. & Clarke 19  
*robusta* Benth. 19  
*roylei* (DC.) Wendelbo 20  
*umbrosa* Benth. 20
- BRACHYCOME** Cass. 20  
*assamica* Clarke 20
- BREEA** Less. 20  
*arvensis* (L.) Less. 20
- CACALIA** L. 20  
*aurantiaca* Bl. 42  
*chenopodifolia* (DC.) Kitam. 20  
*chola* (W.W. Smith) R. Mathur 20  
*cusimbua* D. Don 42  
*levingii* (Clarke) R. Mathur 20  
*mortonii* (Clarke) Kitam. ex Koyama 20  
*pentaloba* Hand.-Mazz. 20  
*sagittata* Vahl 35  
*sonchifolia* L. 35  
*volubilis* Bl. 27
- CAESULIA** Roxb. 20  
*axillaris* Roxb. 20
- CALENDULA** L. 21  
*arvensis* L. 21  
*officinalis* L. 21
- CALOTIS** R. Br. 21  
*hispidula* (F. Muell.) F. Muell. 21  
*Calyptocarpus vialis* Less. 74
- CARDUUS** L. 21  
*crispus* subsp. *kumaonensis* J. Ar. 21  
*edelbergii* Rech. f. 21  
*edelbergii* Rech. f. subsp. *lanatus* Kazmi 21  
*kumaonensis* (J. Ar.) Kazmi 21
- marianus* L. 71  
*pycnocephalus* L. 21  
*radicans* Roxb. 85  
*ramosus* Roxb. 2  
*tenuiflorus* Curtis 21  
*thomsonii* Hook. f. 55
- CARPESIMUM** L. 21  
*abrotanoides* L. 21  
*cernuum* var. *ciliatum* Hook. f. 21  
var. *glandulosum* Hook. f. 21  
var. *griffithii* Hook. f. 22  
var. *lanatum* Thoms. 22  
var. *nilagiricum* Clarke 22  
var. *pedunculosa* Clarke 22  
var. *trachelifolium* (Less.) Clarke 22  
*cernuum non* L. 21  
*nepalense* Less. 21  
var. *ciliatum* (Hook. f.) S. Kumar 21  
var. *griffithii* (Hook. f.) S. Kumar 21  
var. *lanatum* (Thoms. ex Clarke) Kitam. 22  
var. *nilagiricum* (Hook. f.) S. Kumar 22  
var. *pedunculosa* (Clarke) S. Kumar 22  
*trachelifolium* Less. 22
- CARTHAMUS** L. 22  
*lanatus* L. 22  
*oxyacantha* M. Bieb. 22  
*tinctorius* L. 22
- CATAMIXIS** Thoms. 22  
*baccharoides* Thoms. 22
- CENIA** Juss. 22  
*turbinata* Pers. 22
- CENTAUREA** L. 22  
*bruguiseriana* (DC.) Hand.-Mazz. 22  
*calcitrapa* L. 22  
*cyanus* L. 23  
*depressa* M. Bieb. 23

- Centaurea iberica** Trev. ex Spreng. 23  
*melitensis* L. 23  
*moschata* L. 2  
*phyllocephala* Boiss. 22  
*pulchra* DC. 23  
*repens* L. 1
- CENTIPEDA** Lour. 23  
*minima* (L.) A. Br. 23  
*orbicularis* Lour. 23
- Centratherum** Cass. 23  
*courtallense* (Wight) Benth. ex Hook. f. 57  
*mayurii* Fischer 57  
*molle* (Wall.) Benth. & Hook. f. 57  
*phyllolaenum* (DC.) Benth. ex Hook. f. 57  
*punctatum* Cass. 23  
*rangacharii* Gamble 57  
*reticulatum* (Wight) Benth. 57  
*ritchiei* Hook. f. 57  
*sengaltherianum* Narayana 57  
*tenue* Clarke 57
- Chaptalia gossypina** Royle 40  
*maxima* D. Don 40
- CHONDRILLA** L. 23  
*gracilis* Wall. 46  
*graminea* M. Bieb. 23  
*graminea* M. Bieb. var. *kashmiriana* Hook. f. 23  
*pauciflora* Ledeb. 23  
*setulosa* Clarke ex Hook. f. 23
- CHROMOLAENA** DC. 23  
*odorata* (L.) King & Robinson 24
- CHRYSANTHELLUM** L.C. Rich. 24  
*indicum* DC. 24
- CHRYSANTHEMUM** L. 24  
*atkinsoni* Clarke 76  
*cinerarifolium* Vis. 24  
*coronarium* L. 24  
*frutescens* L. 24  
*karakoramens* Kitam. 76  
*leucanthemum* L. 24  
*myeonis* L. 24  
*nubigenum* (DC.) Hand.-Mazz. 24  
*parthenium* (L.) Bernh. 24  
*pyrethroides* (Kar. & Kir.) B. Fedtsch-Rostit. 24  
*richteria* Benth. 24  
*stoliczkai* Clarke 24  
*tibeticum* Clarke 25
- Chrysogonum arnottianum* Wight 54  
*heterophyllum* (Arn.) Clarke 55
- CICERBITA** Wallroth 25  
*cyanea* (D. Don) Beauv. 25  
*macrantha* (Clarke) Beauv. 25  
*macrorhiza* (Royle) Beauv. 25  
var. *saxatilis* (Edgew.) Beauv. 25
- CICHORIUM** L. 25  
*intybus* L. 25  
*Cineraria fischeri* Ledeb. 53
- CIRSIIUM** P. Mill. 25  
*argyracanthum* (DC.) Clarke 26  
*eriophoroides* Hook. f. 25  
*falconeri* (Hook. f.) Petrak 25  
*involutum* DC. 25  
*involutum* DC. var. *horridum* (Hook. f.) Balakr. 25  
*lepskyi* Petrak 26  
*nishiokae* Kitam. 26  
*segetum* Bung. 26  
*verutum* (D. Don) Spreng. 26  
*wallichii* DC. 26  
*wallichii* DC. var. *glabratum* (Hook. f.) Wendelby 26  
*wallichii* DC. var. *platylepis* Hook. f. 26



**CISSAMPELOPSIS (DC.) Miq.** 26

- ansteadii* (Tad. & Jacob) Jeffrey & Chen 26  
*buimalia* (Buch.-Ham. ex D. Don) Jeffrey & Chen 26  
*calcadensis* (Ramasw.) Jeffrey & Chen 26  
*corifolia* Jeffrey & Chen 26  
*corymbosa* (Wall. ex DC.) Jeffrey & Chen 27  
*volubilis* (Bl.) Miq. 27  
*walkeri* (Arn.) Jeffrey & Chen 27  
*Cleistanthium nepalense* Ktze. 51  
*Cnicus arvensis* (L.) Roth 20  
*eriophoroides* Hook. f. 25  
*falconeri* Hook. f. 25  
*griffithii* Hook. f. 26  
*heteromallus* D. Don 64  
*involucratus* DC. var. *horrida* Hook. f. 26  
*sinensis* Gard. & Champ. 26  
*verutus* D. Don 26  
*wallichii* (DC.) Clarke 26  
 var. *cernua* Hook. f. 26  
 var. *glabrata* Hook. f. 26

**CONYZA** Less. 27

- adenocarpa* Dalz. & Gibs. 28  
*aegyptiaca* Ait. 27  
*andryaloides* DC. 59  
*angustifolia* Roxb. 27  
*anthelmintica* L. 86  
*aurita* L. f. 50  
*balsamifera* L. 15  
*bifoliata* L. 15  
*blanda* Wall. 87  
*bonariensis* (L.) Cronq. 27  
*bovei* DC. 15  
*canadensis* (L.) Cronq. 27  
*cappa* Buch.-Ham. ex D. Don 45  
*chinensis* Hook. f. 18  
*cinerea* L. 87  
*crispata* Vahl 50  
*fistulosu* Roxb. 15  
*floribunda* Kunth 28, 37

- japonica* (Thunb.) Less. 27  
*junghuhniana* Miq. 16  
*lacera* Burm. f. 16  
*laciniata* Roxb. 17  
*lanceolaria* Roxb. 17  
*leucantha* (D. Don) Ludlow & Raven 27  
*patula* Dryand 89  
*pubescens* Lamk. 54  
*pyrifolia* Lamk. 54  
*redolens* Willd. 60  
*riparia* Bl. 18  
*roylei* DC. 20  
*rufa* Wall. ex DC. 28  
*semipinnatifida* Wall. ex DC. 28  
*stricta* Willd. 28  
 var. *stricta* 28  
 var. *pinnatifida* (D. Don) Kitam. 28  
*sumatrensis* (Retz.) Walker 28  
*vagans* Wall. 90  
*viscidula* Wall. ex DC. 27

**COREOPSIS** L. 28

- biternata* Lour. 13  
*tinctoria* Nutt. 28

**COSMOS** Cav. 28

- bipinnatus* Cav. 28  
*calvus* Sherff. 28  
*caudatus* Kunth 28  
*sulphureus* Cav. 14

**COTULA** L. 28

- anthemoides* L. 28  
*aurea* Loeffl. 29  
*australis* (Spreng.) Hook. f. 29  
*coronopifolia* L. 29  
*hemisphaerica* (Roxb.) Wall. ex Clarke 29

**COUSINIA** Cassini 29

- auriculata* Boiss. 29  
*falconeri* Hook. f. 29  
*microcarpa* Boiss. 29

- Cousinia** *minuta* Boiss. 29  
*thomsonii* Clarke 29
- CRASSOCEPHALUM** Moench. 29
- crepidioides* (Benth.) Moore 29  
*crepidioides auct. non* (Benth.) Moore 42
- CREMANTHODIUM** Benth. 29
- arnicoides* (Wall.) R. Good 29  
*cremanthodioides* (Hand.-Mazz.) R. Good 30
- f. *clarkei* R. Good 30  
*cuculiferum* W.W. Smith 30  
*decaisnei* Clarke 30  
*discoideum* Maxim. 30  
*hookeri* Clarke 53  
*hookeri* subsp. *clarkei* f. *angustifolium* R. Good 53  
f. *latiligulatum* R. Good 53  
subsp. *polycephalum* f. *regulare* R. Good 53  
*nakaoui* Kitam. 30  
*nanum* (Decne.) W.W. Smith. 30  
*oblongatum* Clarke 30  
*palmatum* Benth. 30  
subsp. *benthami* R. Good 30  
*pinnatifidum* Benth. 30  
*plantagineum* forma *ellisii* (Hook. f.) R. Good 30  
f. *maximowiczii* R. Good 30  
*pseudo-oblongatum* R. Good 30  
*reniforme* (DC.) Benth. 31  
*retusum* (Wall. ex Hook. f.) R. Good 31  
*rhodocephalum* Diels 31  
*thomsonii* Clarke 31
- CREPIS** L. 31
- atropappa* Babcock 31  
*blattarioides* Hook. f. 31  
*capillaris* (L.) Wallr. 31  
*cineripappa* Babcock 31  
*congesta* Regel 31  
*dachigamensis* Singh 31  
*depressa* Hook. f. & Thoms. 92  
*flexuosa* (DC.) Benth. 31  
*foetida auct. non* L. 32  
*fuscipappa* Benth. 31  
*genuina* Regel 31  
*glauca* Benth. 31, 92  
*glomerata* Sensus Hook. f. 72  
*gracilis* Hook. f. & Thoms. ex Clarke 92  
*gracilipes* Hook. f. 92  
*japonica* Benth. 92  
*kashmirica* Babcock 31  
*multicaulis* Ledeb 31  
subsp. *congesta* (Regel) Babcock 31  
subsp. *genuina* (Regel) Babcock 31  
*naniforme* Babcock 32  
*pulchra* L. subsp. *turkestanica* Babcock 32  
*racemifera* Hook. f. 92  
*sancta* (L.) Babcock 32  
var. *bifida* (Vis.) Babcock 32  
*sibirica* Clarke 34  
*silhetensis* Hook. f. 32  
*simulatrix* Babcock 32  
*temifolia* Willd. 92  
*thomsonii* Babcock 32  
*tibetica* Babcock 32
- CRUPINA** (Pers.) DC. 32
- vulgaris* Cass. 32
- CYATHOCLINE** Cass. 32
- lutea* Law ex Wight 32  
*purpurea* (Buch.-Ham. ex D. Don) Ktze. 32  
var. *alba* Santapau 32  
var. *bicolor* Santapau 33  
*lyrata* Cass. 32
- DAHLIA** Cavailles 33
- imperialis* Roedel ex Ortgies 33  
*pinnata* Cav. 33  
*Decaneurum courtallense* Wight 57  
*phyllocladum* DC 57

*Decaneurum scabridum* DC. 57  
*silhtense* DC. 90

**DICHROCEPHALA L' Herit ex DC. 33**

*benthami* Clarke 33  
*chrysanthefolia* DC. 33  
*gracilis* DC. 33  
*hamiltonii* Hook. f. 33  
*integrifolia* (L. f.) O Ktze. 33  
 subsp. *gracils* (DC.) Fayed 33  
*minutifolia* Van. 33  
*latifolia* (Lam.) DC. 33

**DICOMA Cass. 33**

*tomentosa* Cass. 33  
*Dimorphotheca* Moench. 33  
*pluvialis* Moench. 33  
*Diplopappus molliusculus* Lindl. ex DC. 12

**DORONICUM L. 33**

*alataicum* Pall. 33  
*falconeri* Clarke ex Hook. f. 34  
*hewrense* Dalz. 69  
*hookeri* Clarke ex Hook. f. 55  
*latesquamatum* Fischer 34  
*reticulatum* Wt. 68  
*roylei* DC. 34  
 var. *epapposa* Hook. f. 34  
*wightii* DC. 71

**DUBYAEA DC. 34**

*hispida* DC. 34  
*oligocephala* (Sch.-Bip.) Stebbins 34

**ECHINOPS L. 34**

*cornigerus* DC. 34  
*echinatus* Roxb. 34  
*niveus* Wall. ex DC. 34

**ECLIPTA L. 34**

*alba* (L.) Hassk. 34

*latifolia* L. f. 14  
*prostrata* (L.) L. 34

**ELEPHANTOPUS L. 34**

*scaber* L. 34  
*spicatus* Juss. ex Aubl. 59  
*Eleutheranthera* Poit ex Bosc. 34  
*ruderalis* (SW.) Sch.-Bip. 34

**EMILIA Cass. 35**

*alstonii* Fosberg 35  
*exserta* Fosberg 35  
*flammea* Cass. 35  
*prenanthioides* DC. 35  
*ramulosa* Gamble 35  
*sagittata* (Vahl) DC. 35  
*scabra* DC. 35  
 var. *scabra* (DC.) Hook. f. 35  
*sonchifolia* (L.) DC. 35  
 var. *mucronata* Clarke 35  
*zeylanica* Clarke 35  
 var. *paludosa* Gamble 35

**ENHYDRA DC. 35**

*fluctuans* Lour. 35

**EPALTES Cass. 35**

*australis* Lessing 73  
*divaricata* (L.) Cass. 35  
*pygmaea* DC. 36

**ERECHTITES Raf. 36**

*hieracifolia* (L.) Raf. 36  
*valerianaefolia* (Wolf) DC. 36

**ERIGERON L. 36**

*acre* L. 36  
 var. *multicaulis* (Wall. ex DC.) Clarke 36  
*alatum* D. Don 50  
*alpinus* L. 36  
 var. *khasiana* Hook. f. 36

**Erigeron alpinus** var. **semibarbatus** (DC.)  
 Hook. f. 36  
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**altissimus** Stewart 36  
**anomalum** DC. 19  
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**asteroides** Roxb. 37  
**bellidioides** (Buch.-Ham. ex D. Don)  
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**jaeschkei** Vierh. 37  
**japonicum** Thunb. 27  
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**kumaonensis** (Vierh) Wendelbo 37  
**leucanthus** D. Don 27  
**linifolius** Willd. 27  
**molle** D. Don 18  
**monticolus** DC. 37  
**mucronatus** DC. 37  
**multicaulis** Wall. ex DC. 36  
**multiradiatus** (Lindl ex DC.) Clarke 37  
**obliquum** L. 18  
**pinnatifidum** D. Don 28  
**poncinsii** (Franch.) Botsch. 59  
**ponsinsii** (Franch.) Botsch. var. **denudatus**  
 Botsch. 59  
**pseudohyrcanicus** Grierson ex Stewart 37  
**pusillus** Nutt. 37  
**roylei** DC. 37  
**semibarbatus** DC. 36  
**sublyratus** DC. 37  
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**swatensis** Grierson ex Stewart 37  
**uniflorus** L. 38  
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**ETHULIA** L. f. 38  
*conyzoides* Zoll. 38

*divaricata* L. 35  
**megacephala** Sch-Bip. 38  
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**EUPATORIUM** L. 38

*adenophorum* Spreng. 2  
*ayapana* Vent 39  
**cannabinum** L.  
 subsp. **asiaticum** Kitam.  
 var. **heterophyllum** (DC.) Kitam. 38  
*cannabinum auct. non L.* 38  
**capillifolium** (Lam.) Small 38  
**chinense** L. 38  
**conyzoides** Vahl 38  
*divergens* Roxb. 88  
**erythropappum** Robinson 38  
*foeniculaceum* Willd.  
*glandulosum* Kunth 2  
**ianthinum** Hemsl. 38  
**ligustrinum** DC. 38  
**nodiflorum** DC. 38  
*odoratum* L. 24  
*reevesii* Wall. ex DC. 38  
**repandum** Willd. 38  
**riparium** Regel 39  
**trapezoideum** Kunth 39  
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**FILAGO** L. 39

**arvensis** L. 39  
*germanica sensu* Hook. f. 39  
**hurdwarica** (Wall. ex DC.) Wagnntiz 39  
**pyramidata** L. 39

**FLAVERIA** A.L. Jussieu 39

*australasica* Hook. 39  
*contrayerba* Pers. 39  
**repanda** Lagasc. 39  
*trinervia* (Spreng.) C. Mohr. 39

**GAILLRADIA** Foug. 39

**amblyodon** J. Bay. 39  
**pulchella** Foug. 39

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- ciliata* (Rafin.) Blake 40  
*parviflora* Cav. 39  
*quadriradiata* Ruiz & Pavon. 40

**GARHADIOLUS** Jaub. et Spach. 40

- minutissimus* (Bunge) Kitam. 40

**GERBERA** L. 40

- gossypina* (Royle) Beauv. 40  
*kunzeana* Braun & Asch. 40  
*lacei* Watt. 40  
*lanuginosa* (Wall. ex DC.) Sch.-Bip. 40  
 var. *pusilla* (Wall. ex DC.) Hook. f. 51  
*macrophylla* Benth. & Hook. f. 40  
 var. *glabrata* Hook. f. 40  
*maxima* (D. Don) Beauv. 40  
 var. *glabrata* (Hook. f.) Kitam. 40  
*nivea* (DC.) Sch.-Bip. 40  
*pilloselloides* (L.) Cass. 40  
*pusilla* (DC.) Sch.-Bip. 51  
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- bosvallea* (L. f.) DC. 40  
*linearifolia* Cass. 40  
*setosa* Blatt. et Hallb. 41

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- bidens* (Retz.) Alston 41  
*pinnatifida* DC. 41

**GNAPHALIUM** L. 41

- affine* D. Don 41  
*busuum* Buch.-Ham. ex D. Don 3  
*flaccidum* Kurz 41  
*hurdwaricum* Wall. ex DC. 39  
*hypoleucum* DC. 41  
*indicum* auct. non L. 41  
*luteo-album* auct. non L. 41  
*luteo-album* L. var. *pallidum* Hook. f. 41  
*luteo-album* L. var. *multiceps* DC. 41

- margaritaceum* L. 4  
*pensylvanicum* Willd. 41  
*peregrinum* Fernald 41  
*polycaulon* Pers. 41  
*pulvinatum* Delile 41  
*purpureum* L. 41  
*redolens* Forst. f. 60  
*spicatum* Forssk. 45  
*stewartii* Clarke ex Hook. f. 41  
*subdecurrens* DC. 5  
*thomsonii* Hook. f. 42  
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- glabrum* Cass. 42

**GRANGEA** Adans. 42

- maderaspatana* (L.) Poir. 42

**GUIZOTIA** Cass. 42

- abyssynica* (L.f.) Cass. 42  
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- angulosa* DC. 42  
 var. *petiolata* Hook. f. 42  
*aurantiaca* (Bl.) DC. 42  
*crepidioides* Benth. 29  
*cusimbua* (D. Don) Moore 42  
 var. *petiolata* (Hook. f.) Mathur 42  
*lycopersicifolia* DC. 42  
 subsp. *taprobanensis* Grierson 42  
*nepalensis* DC. 42  
*nitida* DC. 42  
*pseudochina* (L.) DC. 43  
*travancorica* W.W. Smith 43  
*Haplotaxis jacea* Klotzsch 64  
*Hedypnois minutissima* Bunge 40  
*paludosa* Scop. 81

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- annuus* L. 43

- Helianthus cucumerifolius** Torr. & Gray 43  
*scaberrimus* Ell. 43  
*tuberosus* L. 43
- HELICHRYSUM** P. Miller 43
- bracteatum* (Vent.) Audr. 43  
*buddleioides* DC. 43  
 var. *buddleioides* 43  
 var. *hookeriana* Hook. f. 43  
*cutchicum* (Clarke) Rolla Rao et Desh. 43  
*nepalensis* Spreng. 4  
*perlanigerum* Gamble 43  
*wightii* Clarke ex Hook. f. 43
- Heterochaeta asteroides* DC. 11  
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- HEMISTEPTA** Bunge ex Fischer et Mey.  
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*lyrata* Bunge ex Fischer et Mey 44
- HETEROPAPPUS** Less. 44
- altaicus* (Willd.) Novopkr. 11  
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*crenatifolius* (Hand.-Mazz.) Grierson 44  
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*holohermaphroditus* Grierson 44  
*semiprostratus* Grierson 11
- HIERACIUM** L. 44
- crocatum* Fries 44  
*echioides* Lumnitz. 44  
*prenanthoides* Vill. 44  
*sanctum* L. 32  
*umbellatum* L. 44  
*umbellatum* L. var. *lanceolatum* Hook. f.  
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*virosum* Pall. 44  
*vulgatum* Fries. 44
- Hippia integrifolia* L. f. 33
- HOCHSTETTERIA** DC. 44
- schimperii* DC. 44
- Hymenatherum* Cass. 44  
*tenuifolium* Cass. 44
- HYPOCHAERIS** L. 44
- glabra* L. 45  
*radicata* L. 45
- IFLOGA** Cass. 45
- fontanessii* Cass. 45  
*spicata* (Forssk.) Sch.-Bip. 45
- INULA** L. 45
- acuminata* Royle ex DC. 45  
*barbata* Wall. ex DC. 45  
*britannica* L. 45  
*cappa* (Buch.-Ham. ex D. Don) DC. 45  
*clarkei* (Hook. f.) Stewart 45  
*cuspidata* (DC.) Clarke 45  
*dysenterica* L. 60  
*eupatorioides* DC. 45  
*falconeri* Hook. f. 45  
*gnaphalodes* Vent. 60  
*grandiflora* Willd. 45  
*grandiflora auct. non* Willd. 45  
*grantioides* Boiss. 45  
*grombczewskii* Winkler 46  
*hookeri* Clarke 46  
*indica* L. 56  
*kalapani* Clarke 46  
*macrosperma* Hook. f. 46  
*nervosa* Wall. ex DC. 46  
 var. *purpurascens* Hook. f. 46  
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 var. *clarkei* Hook. f. 45  
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*rhizocephala* Schrenk var. *rhizocephaloides*  
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*rhizocephaloides* Clarke 46  
*royleana* DC. 46  
*rubricaulis* (DC.) Clarke 46  
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- LAPSANA L.** 50  
*communis* L. 50
- LAUNAEA Cass.** 50  
*acaulis* (Roxb.) Babcock ex Kerr. 50  
*asplenifolia* (Willd.) Hook. f. 50  
*microcephala* Hook. f. 50  
*polyclada* (Boiss.) Burkill 50  
*procumbens* (Roxb.) Ramayya & Rajagopal 51  
*resedifolia* (L.) Ktze. 51  
*sarmentosa* (Willd.) Alston 51  
*secunda* (Royle ex Clarke) Hook. f. 51
- LEIBNITZIA Cass.** 50  
*nepalensis* (Kuntze) Kitam. 51  
*pusilla* (DC.) S. Gould 51  
*ruficoma* (Franch.) Kitam. 51  
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*dissectum* Ledeb. 78  
*eriopodum* D. Don 78  
*laevigatum* Willd. 80  
*lcucanthus* Ledeb. 80  
*steverii* Spreng. 83
- LEONTOPODIUM (Pers.) R. Brown** 51  
*alpinum auct. non* Cass. 51, 52  
*alpinum* Cass. var. *stracheyi* Hook. f. 52  
*brachyactis* Gaud. 51  
*fimbrilligerum* J.R. Drumm. 52  
*haastioides* Hand.-Mazz. 51  
*himalayanum* DC. 52  
*jacotianum* Beauv. 52  
var. *paradoxum* (Drumm.) Beauv. 52  
*leontopodium* (DC.) Hand.-Mazz. 52  
*monocephalum* Edgew. 52  
*nanum* (Hook. f. & Thoms. ex Clarke) Hand.-Mazz. 52  
*paradoxum* J.R. Drumm. 52  
*stracheyi* (Hook. f.) Clarke ex Hemsley 52  
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- LEUCOMERIS D. Don** 52  
*decora* Kurz 52  
*spectabilis* D. Don 52  
*Liatris latifolia* D. Don 2
- LIGULARIA Cass.** 53  
*amplexicaulis* DC. 53  
*cremanthodioides* Hand.-Mazz. 30  
*dux* (Clarke) R. Mathur 53  
*fischeri* (Ledeb.) Turcz. 53  
*hookeri* (Clarke) Hand.-Mazz. 53  
subsp. *clarkei* forma *angustifolium* (R. Good) R. Mathur 53  
forma *latiligulatum* (R. Good) R. Mathur 53  
*hookeri* var. *polycephala* (R. Good) Hand.-Mazz. 53  
*jacquemontiana* (Decne.) R. Mathur 53  
*japonica* (Thunb.) Less. 53  
*kingiana* (W.W. Smith) R. Mathur 53  
*nana* Decne. 30  
*pachycarpa* (Clarke ex Hook. f.) Kitam. 53  
*thomsoni* (Clarke) Patrok 54  
*virgaurea* (Maxim.) Mattf. 54  
*Madaractis polycephala* DC. 70
- MATRICARIA L.** 54  
*aurea* (Loeffl.) Boiss. 29  
*chamomilla* L. 54  
*corymbifera* DC. 54  
*disciformis* DC. 54  
*parviflora* Poir. 54  
*praecox* DC. 54  
*Melanoseris saxatilis* Edgew. 25  
*Melampodium ruderalis* SW. 35
- MICROGLOSSA DC.** 54  
*albescens* (DC.) Benth. ex Clarke 10  
*albescens* (DC.) Clarke var. *nivea* Clarke 10  
*pyrifolia* (Lamk.) O. Ktze. 54



- Microglossa volubilis* DC. 54  
*zeylanica* Benth. 59  
*zeylanica* var. *beddomei* Gamble 59  
*Microrrhynchus secundus* Royle ex Clarke 51
- MIKANIA** Willd. 54  
*micrantha* Kunth 54  
*scandens auct. non* Willd. 54
- MONTANOA** La Llave et Lexorza 54  
*bipinnatifida* C. Koch. 54
- MOONIA** Arnott 54  
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*heterophylla* Arn. 54  
*Mulgedium lessertianum* Wall. ex DC. 49  
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*rapunculoides* DC. 49
- MYRIACTIS** Less. 55  
*assamensis* Fischer 55  
*javanica* (Bl.) DC. 55  
*nepalensis* Less. 55  
*wallichii* Less. 55  
*wightii* DC. 55  
var. *bellidioides* Hook. f. 55
- NANNOGLOTTIS** Maxim. 55  
*hookeri* (Clarke ex Hook. f.) Kitam. 55
- NANOTHAMNUS** Thoms. 55  
*sericeus* Thoms. 55  
*Notonia balsamica* Dalz. & Gibs. 47  
*grandiflora* Wall. ex DC. 47  
var. *major* Ramasw. 47  
*shevaroyensis* Fyson 47  
*walkeri* Clarke 48  
*Oedera trinervia* Spreng. 39
- OLGAEA** Ilgin 55  
*thomsoni* (Hook. f.) Iljin 55
- ONOPORDUM** L. 55  
*acanthium* L. 55  
*Oreoseris pusilla* Wall. ex DC. 51  
*Paleyia oligocephala* Sch.-Bip. 34
- PARTHENIUM** L. 56  
*hysterophorus* L. 56
- PEGOLETTIA** Cass. 56  
*senegalensis* Cass. 56
- PENTANEMA** Cass. 56  
*cernuum* (Dalz.) Ling 56  
*indicum* (L.) Ling 56  
*vestitum* (Wall. ex DC.) Ling 56
- PETASITES** Miller 56  
*albus* (L.) Gaeatn. 56  
*himalaicus* Kitam. 56  
*kamengicus* Deb  
*tricholobus* Franch. 56  
*Phaecasium lampsanioides* Cass. 32
- PHAGNALON** Cass. 56  
*niveum* Edgew. 57
- PHYLIOCEPHALUM** Bl. 57  
*courtallense* (Wight) Narayana 57  
*indicum* (Less.) Kirkman 57  
*mayurii* (Fischer) Narayana 57  
*phyllolaenum* (DC.) Narayana 57  
*rangacharii* (Gamble) Narayana 57  
*ritchiei* (Hook. f.) Narayana 57  
*scabridum* (DC.) Kirkman 57  
*sengaltherianum* (Narayana) Narayana 57  
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**PICRIS L.** 57

- hieracioides* L. 57  
 subsp. *kaimaensis* Kitam. 58  
 subsp. *nuristanica* Kitam. 58

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- indica* (L.) Less. 58  
*lanceolata* (DC.) Clarke 58  
*linearifolia* Clarke 58  
*malcolmii* Clarke 17  
*tomentosa* DC. 58  
*wallichiana* DC. 58  
*Poloa wightiana* DC. 61  
*Polymia abyssynica* L. f. 42

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- acaulis* Roxb. 50  
*asplenifolia* Willd. 50  
*brunoniana* Wall. ex DC. 58  
*graciliflora* Wall. 48  
*hookeri* Clarke 58  
*japonica* L. 92  
*khasiana* Clarke 58  
*procumbens* Roxb. 51  
*quinquelobus* DC. 20  
*sarmentosa* Willd. 51  
*scandens* Hook. f. & Thoms. ex Clarke  
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*sikkimensis* Hook. f. 58  
*violaefolia* Decne. 59

**PSEUDOELPHANTOPUS Rohr.** 59

- spicatus* (Juss. ex Aubl.) Rohr. 59

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- lavandulaefolius* (DC.) R. Mathur 59

**PSIADIA Jacq.** 59

- ceylanica* (Arn.) Grierson 59  
 var. *beddomei* (Gamble) Chandrasekaran  
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- andryaloides* (DC.) Novopkr. ex Krasch.  
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 var. *andryaloides* 59  
 var. *denudatus* (Botsch.) Grierson 59  
 var. *poncinsii* (Franch) Grierson 59

**PTEROCAULON Elliot** 60

- cylindrostachyum* Clarke 60  
*redolens* (Forst. ex Willd.) F. Villar 60  
*Pterotheca falconeri* Hook. f. 32

**PULICARIA J. Gaertn.** 60

- angustifolia* DC. 60  
*crispa* (Forssk.) Benth. 60  
*dysenterica* (L.) Gaertn. 60  
*foliolosa* DC. 60  
*glaucescens* Jaub. & Spach. 60  
*gnaphalodes* (Vent.) Boiss. 60  
*petiolaris* Jaub. & Spach. 60  
*rajputanae* Blatt. & Hallb. 60  
*salvaefolia* Bunge 60  
*vulgaris* Gaertn. 60  
*wightiana* (DC.) Clarke 61

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- tingitana* (L.) Roth 61  
*Rhagadiolus hedyphnois* Fisch. & Mey. 40

**RHYNCHOSPERMUM Reinw.** 61

- verticillatum* Reinw. 61  
*Richteria pyrethroides* Kar. & Kir. 24

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- abnormis* Lipschitz 61  
*affinis* Spreng. ex DC. 44  
*albescens* (DC.) Sch.-Bip. 61  
*albescens* var. *brachycephala* Hook. f. 63  
*andersoni* Clarke 61  
*andryaloides* (DC.) Sch.-Bip. 61  
*aster* Hemsl. 61

- Saussurea atkinsonii** Clarke 61  
**auriculata** (Spreng. ex DC.) Sch.-Bip. 61  
*bracteata auct. non* Decne. 65  
**bracteata** Decne. 62  
*caespitosa* Wall. 66  
**caespitosa** (DC.) Wall. ex Sch.-Bip. 62  
*candicans* (DC.) Sch.-Bip. 64  
**candolleana** Wall. ex DC. 62  
*candolleana* Wall. ex Sch.-Bip. 62  
**ceratocarpa** Decne. 62  
 var. *depressa* (Clarke ex Hook. f.) Lipschitz 62  
**chenopodifolia** Klatt 62  
**chitralica** Duthie 62  
*chthonocephala* Bornm. 63  
**clarkei** Hook. f. 62  
**columnaris** Hand.-Mazz. 62  
*conica* Clarke 67  
**costus** (Falc.) Lipschitz 62  
**crispa** Vaniot 63  
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**deltoidea** (DC.) Sch.-Bip. 63  
*deltoidea* var. *nivea* (DC.) Hook. f. 63  
*denticulata* Wall. ex Clarke 63  
**depsangensis** Pamp. 63  
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*elliptica* Clarke ex Hook. f. 65  
*eristemon* Wall. ex Clarke 65  
*falconeri* Hook. f. 61  
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*foliosa* (Edgew.) Hook. f. 66  
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**gilesii** Hemsl. 63  
**glacialis** Herd. 63  
**glanduligera** Sch.-Bip. ex Hook. f. 63  
*glanduligera* var. *major* Hook. f. 63  
**gnaphalodes** (Royle ex DC.) Sch.-Bip. 63  
**gossypiphora** D. Don 64  
**gossypiphora** D. Don subsp. *luxuriosa* Lipschitz 64  
**gossypiphora** D. Don var. *lilliputa* Lipschitz 64  
**graminifolia** Wall. ex DC. 64  
**heteromalla** (D. Don) Hand.-Mazz. 64  
**hieracioides** Hook. f. 64  
**hookeri** Clarke 64  
*humilis* Ostenf. 65  
*hypoleuca* Spreng. ex DC. 61  
**jacea** (Klotzsh) Clarke 64  
*kunthiana* Clarke 64  
 var. *filicifolia* Hook. f. 65  
 var. *major* Hook. f. 65  
**laneana** W.W. Smith 64  
*lappa* (Decne.) Sch.-Bip. 62  
**leontodontoides** (DC.) Sch.-Bip. var. *leontodontoides* 64  
 var. *filicifolia* (Hook. f.) Hand.-Mazz. 65  
**leptophylla** Hemsl. 65  
**medusa** Maxim. 65  
**nagensis** C.E.C. Fischer 65  
*namikawae* Kitam. 65  
**nana** (Pamp.) Pamp. 65  
*neglecta* Ludlow 61  
**nepalensis** Spreng. 65  
**nimborum** W.W. Smith 65  
*nivea* (DC.) Balakr. 63  
**nishiokae** Kitam. 65  
**obscura** Lipschitz 65  
*obvallata* (DC.) Edgew. 65  
*ovata* Benth. 65  
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*pantlingiana* W.W. Smith 66  
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**polystichoides** Hook. f. 66  
**roylei** (DC.) Sch.-Bip. 66  
*sacra* Edgew. 66  
*schultzii* Hook. f. 62  
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