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COMPOSITAE



NEWSLETTER

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The Compositae Newsletter is distributed free of charge to anyone interested. New readers are very welcome, just send us your name and address and we will be happy to place you on our mailing-list. Back copies of issues number 13-15 are still available, but unfortunately we do not have any copies of numbers 1-12.

Next issue of the Compositae Newsletter will appear in November/December this year. Please keep sending us material for publication! We would also appreciate any ideas or points of view on what the newsletter should contain. You will find our address on the front cover.

FIRST KEW INTERNATIONAL COMPOSITAE CONFERENCE

(KWICC)-1994

PRELIMINARY ANNOUNCEMENT

A major international conference on the biology, chemistry, systematics and utilization of the *Compositae* will be held at the Royal Botanic Gardens, Kew on 24 July—5 August 1994. It will be organized into the following symposia and sections.

1. **Genome to Phenome to Phylogeny** (i, genomic organization and expression; ii, control of ontogeny; iii, developmental processes; iiiii, integration and evolution of structural/functional complexes; v, floral biology and functional palynology; vi, ecology and physiology of dormancy, germination and establishment; vii, genomic evolution and evolutionary strategies; viiii, ontogeny and evolution — interpretation in modular organisms; ix, ontogeny and systematics — a guide to polarity ?).

2. **Family and Tribal Relationships** (i, evidence from structure; ii, evidence from micromolecular data; iii, evidence from semantides; iiiii, data analysis — problems of interpretation and integration in systematic data-analysis).

3. **Advances in Tribal Systematics** (for each of the 13 tribes — *Mutisieae*, *Lactuceae*, *Vernonieae*, *Liabeae*, *Cardueae*, *Arctotideae*, *Inuleae*, *Astereae*, *Anthemideae*, *Calenduleae*, *Heliantheae*, *Eupatorieae*, *Senecioneae* — i, overview of systematics since 1975; ii, overview of chemistry since 1975; iii, overview of cytology and genetics since 1975).

4. **Advances in Utilization** (i, from ethnobotany to industry — drugs and pesticide development; ii, oils, resins and latex; iii, foodcrop developments and potential new crops; iiiii, ornamentals — breeding and other developments in the major cultivated genera; v, composite weeds — importance, evolution, control and pathogenicity; vi, *Compositae* in environmental conservation — friends and foes).

5. **Dealing with Data** (i, a "*Genera Compositarum*" as a data-base concept; ii, inter-institutional cooperation and organization; iii, methods and structures; iiiii, problems of capture, storage, retrieval, integration and dissemination of taxonomic information.)

The aims of the Conference are: i, to stimulate research on *Compositae* during the next 5 years and provide an opportunity for its presentation; ii, to produce a volume of papers supplementing and updating the 1975 Reading Symposium volume (Heywood, V. H., Harborne, J. B. & Turner, B. L. (eds), *The Biology and Chemistry of the Compositae*, Academic Press, 1977); iii, to promote the production of a *Genera Compositarum* as an international computer-based project, producing a modern treatment of the composites down to the generic level.

To provide for the promotion and publication of research on the systematics of genera and groups of genera, a volume entitled "*Advances in Compositae Systematics*" will be published coincidentally with the opening of the Conference in July 1994. Papers to be included in this volume must be submitted no later than the 1 June 1993 and are solicited now.

For further information, please contact: Mr C. Jeffrey, Herbarium, Royal Botanic Gardens, Kew, Richmond, Surrey TW9 3AE, U. K. (tel. 01-940-1171).

REQUESTS FOR MATERIAL

Dr. Arun K. Pandey, Department of Botany, Bhagalpur University, Bhagalpur 812007, India, is working on the systematic embryology of Inuleae. He would appreciate obtaining viable seeds and preserved material for study.

Dr. Robert E. Perdue, Jr., Agricultural Research Service, USDA, Beltsville, MD 20705, coordinates an international program on development of *Vernonia galamensis* as a new industrial oilseed crop for semi-arid areas of the tropics and subtropics. He will appreciate receiving seed, documented with herbarium specimens if possible, especially from semi-arid locations. Small samples are acceptable; larger samples (5-10 gms) are preferred. Seed of other species of *Vernonia* are welcome, especially the large-seeded types that are highly productive. (For further information see article on p. 3)

VERNONIA GALAMENSIS: A POTENTIAL NEW CROP FOR SEMI-ARID AREAS OF THE TROPICS AND THE SUBTROPICS

Robert E. Perdue, Jr.
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Vernonia galamensis (Cass.) Less. (*V. pauciflora* (Willd.) Less.) is not just a promising new crop for Third-World farmers but one that may help reduce air pollution. This weedy annual is distributed in Africa from Senegal and Sierra Leone to Sudan and Ethiopia, and then south through Kenya and Tanzania to Mozambique and Zimbabwe. Some varieties grow in areas with generous rainfall, others in areas with as little as 8 inches.

The seed contain 40% oil of which 80% is vernolic (a naturally epoxidized) fatty acid. Chemically, vernonia oil is similar to epoxidized soybean and linseed oils, but there is an important difference that can be exploited to avoid competing with these agricultural products. The epoxidized oils are highly viscous; they are semi-solids at 50° F. and are non-pourable below 32° F. In contrast, vernonia oil has low viscosity; it is pourable even below 32° F.

Research is underway at Eastern Michigan University's Coating Research Institute to develop vernonia oil reactive diluents for alkyd-resin paints. CRI scientists believe that the low viscosity of the oil will permit its use as a solvent in these oil-based paints where, because of its chemistry, it will become part of the dry coating and not evaporate to pollute the air.

CRI estimates that at least one pint of vernonia oil can be used in each of the 325 m gallons of alkyd-resin paint produced in the U. S. each year to reduce annual emissions of solvents that contribute to photochemical smog by at least 160 m pounds per year and create a market for the oil from at least 365,000 acres of vernonia.

CRI research is sponsored by the South Coast Air Quality Management District, the pollution-control agency for the Los Angeles Basin, and the U. S. Agency for International Development. Other research, also focused on reactive diluents, is in progress at industrial laboratories in the U. S. and Germany. Vernonia oil is a versatile raw material and additional research is underway in university and industry laboratories on its use for lubricants and lubricant additives, manufacture of adhesives and epoxy-resins, and synthesis of dibasic acids currently obtained from petroleum and used in the manufacture of industrial nylons.

Vernonia seed meal contains 40% protein. Research on the meal is in progress in three laboratories that hopefully will lead to its use as animal feed.

Vernonia has been under evaluation as a new crop in Zimbabwe since 1983 where it has been a resounding success. Seed yield was 2227 pounds per acre in 1987, greater than the average yield of soybeans in the U. S. in 1979 (1926 pounds per acre), the best year for soybeans here from 1970 through 1984. Yield is maximized by "topping". Terminal buds are removed when plants are 6 inches high after which there are many branches from the base of the stem.

A porous well-drained soil is essential. Vernonia will not grow on heavy clay. So far there has been no problems with insects, nematodes, or disease. In Zimbabwe, a cotton bollworm attacks the flowerheads but damage is not economic; no insect control is necessary. It appears to have natural resistance to pests and diseases. The leaves are extremely bitter; plants are not browsed by livestock.

Vernonia tolerates full sun but can also grow in partial shade. It should be suitable for agroforestry - to serve as an annual cash crop while trees grow large enough for fuelwood. It is especially suitable for semi-arid areas where measures are taken to trap rainfall and control soil erosion.

While *V. galamensis* is the best known source of vernolic acid, it is also produced by other species of old-world vernonias. Other species are being screened to determine if there is a superior source. Of special interest are the large-seeded types and perennials adapted to very dry areas.

For recent taxonomic treatments of *V. galamensis* see M. G. Gilbert, Kew Bull. 41: 19-35 (1986) and C. Jeffrey, Kew Bull. 43: 229-231 (1988).

GENERIC NAMES OF COMPOSITAE*

C. Jeffrey

Royal Botanic Gardens, Kew

part VI. C; Additions and Corrections

The author would be grateful for notice of errors and omissions, so that corrected entries can be provided when necessary.

The following conventions are used in the list:

-, sometimes included in

=, a taxonomic synonym of

≡, a nomenclatural synonym of

Sp., number of species

M., monograph or revision

T., type

Tr., tribe

() latin names enclosed in parantheses, name not validly published

[] enclosure in square brackets, reference not seen.

Cabrieriella Cuatrec., Bol. Soc. Arg. Bot. 19: 15. 1980

T. *C. sanctae-martae* (Greenm.) Cuatrec. (Colombia)

Sp. 1, Colomb.

M.

Tr. *Senecioneae*

Cacalia L., Sp. Pl. 753. 1753 & Gen. Pl. ed. 5, 362. 1754 nom. confus. rejic. propos.

T. *C. alpina* L. (Eur., Alps)

≡ *Adenostyles* Cass.

Cacalia sensu auct. mult. gerontog., non L. = *Parasenecio* W. W. Sm. & Small

Cacalia DC., Prodr. 6: 327. 1836 nom. illegit. superfl. ≡ *Arnoglossum* Rafin.

*Continued from Comp. Newsl. 14. 1988.

Cacalia Kuntze, Rev. Gen. 1: 323. 1891 nom. illegit. superfl. = *Behen Hill* = *Centaurea* L.

Cacaliopsis A. Gray, Proc. Amer. Acad. Arts 19: 50. 1883

T. C. nardosmia (A. Gray) A. Gray (Calif.)

Sp. 1, Pacific U.S.A.

M.

Tr. *Senecioneae*

Cacosmia Kunth in H.B.K., Nov. Gen. Sp. 4 [ed. fol. 227. 1818] ed. qu. 289, t. 404. 1820

T. C. rugosa Kunth (Peru)

Sp. 3, Ecuad., Peru

M. Nordenstam in Bot. Not. 130: 279-286. 1977

Tr. *Liabeae*

Cacotanis Rafin., New. Fl. 2: 43. 1837

T. C. ciliata (Rafin.) Rafin. (Louisiana)

= *Boltonia* L'Hérit.

Cadiscus C. Mey. ex. DC., Prodr. 7: 254. 1838

T. C. aquaticus E. Mey. ex DC. (S Afr.)

Sp. 1, S Afr.

M.

Tr. *Senecioneae*

Caelestina Cass. orth. mut. Cass., Dict. Sc. Nat. 6, Suppl. 8. May 1817 =

Coelestina Cass. = *Ageratum* L.

Caenotus (Nutt.) Rafin., Fl. Tell. 2: 50. 1837

T. Erigeron canadensis L. (N Amer.)

= *Conyza* Less.

Caesulia Roxb., Pl. Coromandel. 1: 64. t. 93. 1798

T. C. axillaris Roxb. (India)

Sp. 1, India

M.

Tr. *Inuleae*

Calachyris Torr. & A. Gray orth. mut. Post & Kuntze, Lex. 87. 1903

in syn. = *Calliachyris* Torr. & A. Gray = *Layia* Hook. & Arn. ex DC.)

Calais DC., Prodr. 7: 85. 1838

T. *C. douglasii* DC. (Calif.)

= *Microseris* D. Don

Calcalia L. orth. mut. Kruck., Fl. Siles. 2 (2): 381. 1790 orth. var. (sphalm.) ≡

Cacalia L. ≡ *Adenostyles* Cass.

Calcitrapa Heist. ex Fabr., Enum. 94. 1759

T. *Centaurea calcitrapa* L. (Eur.)

= *Centaurea* L.

Calcitrapoides Fabr., Enum. 94. 1759

T. *Centaurea romana* L. (Italy)

= *Centaurea* L.

Calea L., Sp. Pl. ed. 2, 1179. 1763 & Gen. Pl. ed. 6, 416. 1764

T. *C. jamaicensis* L. (Jamaica)

Sp. c. 80, New World

M.

Tr. *Heliantheae*

(**Caleacte** R. Br., Trans. Linn. Soc. 12. 109. 1817 nom. provis.)

Calebrachys Cass., Dict. Sc. Nat. 55: 277. 1828

T. *Calea peduncularis* Kunth (Mex.)

= *Calea* L.

(**Calendella** Kuntze, Rev. Gen. 3(2): 135. 1898 in syn.)

Calendula L., Sp. Pl. 921. 1753 & Gen. Pl., ed. 5, 393. 1754

T. *C. officinalis* L. (Eur.)

Sp. c. 12, Macarones., Medit. to Persia

M.

Tr. *Calenduleae*

Calendula Mill., Gard. Dict. Abridg., ed. 4. 1754 nom. illegit. ≡ *Dimorphotheca*

Moench

Caleopsis Feddes Repert. Sp. Nov. 8: 326. 1910 nom. illegit. superfl. ≡

Goldmanella Greene

Calhounia A. Nels., Univ. Wyoming Public. Sc. Bot. 1: 55. 1924

T. C. nelsoniae A. Nels. (Arizona)

= *Lagascea* Cav.

Caliachyris Torr. & A. Gray, J. Boston Soc. Nat. Hist. 5: 110. 1845

T. C. fremontii Torr. & A. Gray (Calif.)

= *Layia* Hook. & Arn. ex DC.

Calimeris (Cass.) Cass. orth. mut. Nees, Gen. Pl. Aster. 225. 1872

orth. var. ≡ *Kalimeris* (Cass.) Cass. = *Aster* L.

Callias (Cass.) Cass., Dict. Sc. Nat. 46: 399. 1827 orth. var. ≡ *Kallias* (Cass.)

Cass. corr. (Cass.) Cass. = *Heliopsis* Pers.

Callicephalus C. A. Mey., Verzeichn. Pfl. Caucas. 66. 1831

T. Centaurea nitens Bieb. ex Willd. (Caucas.)

Sp. 1., Caucas. reg.

M.

Tr. *Cardueae*

Callichroa Fisch. & Mey., Ind. Sem. Hort. Bot. Petrop. 2:31. 1836

T. C. platyglossa Fisch. & Mey. (Calif.)

= *Layia* Hook. & Arn. ex DC.

Callicornia Burm. f., Fl. Ind. (Prodr. Fl. Cap.) 24. 1768 nom. illegit. superfl. ≡

Leysera L.

Calliglossa Hook. & Arn., Bot. Beechey's Voy. Suppl. 356. 1839 nom. illegit.

superfl. ≡ *Oxyura* DC. = *Layia* Hook. & Arn. ex DC.

Callilepis DC., Prodr. 5: 671. 1836

T. C. laureola DC. (S Afr.)

Sp. 3, southern Afr.

M.

Tr. *Inuleae*

Calliopea D. Don, Edinb. New Philos. J. 6: 309. 1829

T. Leontodon aureus L. (Eur.)

= *Crepis* L.

Calliopsis Reichb., Ic. Descr. Pl. Cult. (Mag. Aesth. Bot.) 1, t. 70. 1823

T. *C. bicolor* Reichb. (= *Coreopsis tinctoria* Nutt.) (N Amer.)

= *Coreopsis* L. (- *Bidens* L.)

Callipappus Meyen, Reise 1: 315. 1834 corr. Meyen, Reise 2: 413. 1834

T. *C. acerosus* Meyen (Chile)

= *Nassauvia* Comm. ex Juss.

Callisia L., Pl. Rar. Afric. 23. 1760 nom. illegit. superfl. = *Leysera* L.

Callistenna Cass., Bull. Soc. Philom. 1817: 32. 1817 nom. rejic. illegit. =

Callistephus Cass. nom. cons.

Callistephus Cass., Dict. Sc. Nat. 37: 491. 1825 nom. cons.

T. *C. chinensis* (L.) Nees (China)

Sp. 1, E Asia

M.

Tr. *Astereae*

Calocephalus R. Br., Trans. Linn. Soc. 12: 106. 1817

T. *C. lacteus* Less. & *C. citreus* Less. (Syntypes) (Tasman.)

Sp. 15, temp. Austral.

M.

Tr. *Inuleae*

(**Calocornia** Burm. f. orth. mut. Post & Kuntze, Lex. 91. 1903 orth. var. in syn.

= *Callicornia* Burm. f. = *Leysera* L.)

Calodonta Nutt., Trans. Amer. Philos. Soc. ser. 2, 7: 488. 1841

T. *C. azorica* Nutt. (Azores)

= *Tolpis* Adans.

(**Caloglossa** Hook. & Arn. orth. mut Post & Kuntze, Lex 91. 1903 orth. var. in

syn. = *Calliglossa* Hook. & Arn. = *Layia* Hook. & Arn. ex DC.)

Calolepis DC. orth. mut. Post. & Kuntze, Lex. 91. 1903 orth. var. = *Callilepis*

DC.

Calomeria Vent., Jard. Malmö, 73. 1804

T. C. amaranthoides Vent. (Austral.)

Sp. 1, Austral.

M.

Tr. *Inuleae*

Calonnea Buchoz, [Grand Jard. Univ. 126. 1786]

T. C. pulcherrima Buchoz

= *Gaillardia* Foug.

Calopappus Meyen, Reise 1: 315. 1834 orth. var. (σπηλάμ.) ≡ *Callipappus*

Meyen corr. Meyen = *Nassauvia* Comm. ex Juss.

Calophthalmum Nees & Mart. orth. mut. Reichb., Deutsche Bot. 1, Nom. 82.

1841 orth. var. (sphalm.) ≡ *Galophthalmum* Nees & Mart. = *Calyptocarpus* Less.

(*Calophyllum* Post & Kuntze, Lex. 92. 1903 in syn.)

Caloptilium Lag., Amer. Nat. Españas 1: 34. 1811

T. C. lagascae Hook. & Arn. (Chile)

= *Nassauvia* Comm. ed Juss.

Caloseris Benth., Pl. Hartw. 88. 1841

T. C. rupestris Benth. (= *Onoseris onoseroides* (Kunth) B. L. Robins.) (Guatem.)

= *Onoseris* DC.

Calostelma D. Don in Sweet, Brit. Fl. Gard. 5, ser. 2, sub t. 184. 1833

T. Liatris elegans Willd.

= *Liatris* Schreb.

(*Calostemma* Post & Kuntze, Lex. 92. 1903 in syn. ≡ *Callistemma* Cass. =

Callistephus Cass.)

Calostephane Benth. in Hook., Ic. Pl. 12; 10, t. 1111. 1872

T. C. divaricata Benth. (Mozambique)

Sp. 3, southern Afr.

M.

Tr. *Inuleae*

(*Calostephus* Cass. orth. mut. Post & Kuntze, Lex. 92. 1903 in syn. =

Callistephus Cass.)

Calotis R. Br. ex Ker-Gawl. in Edwards, Bot. Reg. 6, t. 504. 1820

T. C. cuneifolia R. Br. ex Ker-Gawl. (New S Wales)

Sp. 24, Austral., S E Asia

M. Davis in Proc. Linn. Soc. New S Wales 77: 146-188. 1952

Tr. *Astereae*

Caltha Mill., Gardn. Dict. Abridg., ed. 4. 1753 nom. illegit. superfl., non L.
1753 = *Calendula* L.

(**Calthoides** B. Juss. ex DC., Prodr. 6: 473. 1838 in syn.)

Calycadenia DC., Prod. 5: 695. 1836

T. C. truncata DC. (Calif.)

Sp. 11, W U.S.A.

M.

Tr. *Heliantheae*

(**Calycium** Ell., Sketch 2: 339. 1823, non DC. 1805, nom. provis.)

Calycocorsus F. W. Schmidt, [Samml. Phys.-ÖK. Aufsätze 1: 271.] 1795

T. Hieracium stipitatum Jacq. (Austria)

Sp. 2, Eur., S W Asia

M.

Tr. *Lactuceae*

Calycoseris A. Gray, Smithson. Contrib. Knowl. 5 (6) (Pl. Wright. 2): 104. 1853

T. C. wrightii A. Gray (Texas)

Sp. 2, S W U.S.A., Mex.

M.

Tr. *Lactuceae*

(**Calycosorus** F. W. Schmidt orth. mut. Endl., Gen. 1.: 499, 1838 in syn =
Calycocorsus F. W. Schmidt)

Calydermos Lag., Gen. Sp. Pl. Nov. 24: 1816 nom. illegit, non Ruiz & Pav.
1799

T. C. scaber Lag. & *C. longifolius* Lag., syntypes (Mex.)

= *Alloispermum* Willd.

(**Calymneris** Cass. orth. mut. Post & Kuntze, Lex. 94. 1903 in syn. = *Kalimeris*
Cass. = *Aster* L.)

Calymmandra Torr. & A. Gray, Fl. N Amer. 2: 262. 1842

T. C. candida Torr. & A. Gray (Texas)

= *Evax* Gaertn. = *Filago* L.

Calyplocarpus Less., Syn. Comp. 221. 1832

T. C. vialis Less. (Mex.)

Sp. 3, S U.S.A., Mex., W Indies

M.

Tr. *Heliantheae*

Calyplocarpus Less. orth. mut. Reichb., Deutsche Bot. 1, Nom. 82. 1841 orth.

var. (sphalm.) = *Calyplocarpus* Less.

Camchaya Gagnep., Notul. Syst. (Paris) 4: 14. 1920

T. C. kampoensis Gagnep. (Cambodia)

Sp. 5, SE Asia

M. Kitamura in Acta Phytotax. Geobot. 23: 71-73. 1968

Tr. *Vernonieae*

Camomilla Gilib., [Exercit. Phytol. 1: 178] 1792 = *Matricaria* L.

Campovassouria R. M. King & H. Robins., Phytologia 22: 121. 1971

T. Eupatorium bupleurifolium DC. (Brazil)

Sp. 1, Brazil to N Argent.

M.

Tr. *Eupatorieae*

Camptacra N. Burbidge, Brunonia 5: 11. 1982

T. C. brachycomoides (F. Muell.) N. Burbidge

Sp. 2, Austral.

M. Burbidge in Brunonia 5: 11-16. 1982

Tr. *Astereae*

Campuloclinium DC., Prodr. 5: 136. 1836

T. C. macrocephalum (Less.) DC. (Brazil)

Sp. 20, C Amer. to Brazil

M.

Tr. *Eupatorieae*

Campylochinum DC. orth. mut. B.D. Jacks., Ind. Kew. 1: 409. 1893 orth. var.

(sphalm.) = *Campuloclinium* DC.

Campyloclinium DC. orth. mut. Endl., Gen. 369. 1837 orth. var. =
Campuloclinium DC.

Campylothea Cass., Dict. Sc. Nat. 59: 321. 1829 (-*Bidens* L.)

T. *Bidens micrantha* Gard. (Hawaii)

Sp. 20, Polynes.

M.

Tr. *Heliantheae*

(**Camutia** Bonato ex Steud., Nom. ed. 2, 1: 146. 1840 in syn.)

(**Cancellaria** Sch. Bip. ex Oliv., Fl. Trop. Afr. 3: 321. 1877 in syn.)

Cancrinia Kar. & Kir., Bull. Soc. Imp. Nat. Mosc. 15: 124. 1842

T. *C. chrysocephala* Kar. & Kit. (Alatace)

Sp. c. 30, Soviet Middle Asia, C Asia, Afghan.

M.

Tr. *Anthemideae*

Cancriniella Tzvelev in Komarov, Fl. S.S.S.R. 26: 876. 1961

T. *C. krashennikovii* (Rubtz.) Tzvelev (Kazakhstan)

Sp. 1, C. Asia

M.

Tr. *Anthemideae*

Candidea Tenore, Atti Reale Accad. Sc. Sez. Soc. Reale Borbon. 4 (Cl. Botan.):
104, t. 1-2. 1839

T. *C. senegalensis* Tenore (Senegal)

= *Vernonia* Schreb. sens. lat.

Caradesia Rafin., New Fl. 4: 78, 80. 1838

T. *C. pauciflora* Rafin. (C U.S.A.)

= *Eupatorium* L.

(**Caraea** Hochst. in Steud., Nom. ed. 2, 618. 1840 in syn.)

Caramanica Tineo, Ingrassia Giorn. Sc. Med. Sicilia 4 (Fl. Rar. Sicil.): 3. 1846

T. *C. taraxaroides* Tineo (= *Taraxacum minimum* (Briganti ex Guss.) N. Terracc.
(Sicily))

= *Taraxacum* L.

Carbeni Adans., Fam. 2: 116, 532 nom. rejic. illegit. superfl. = *Cnicus* L.

Carbenia Adans. orth. mut. Benth. in Benth. & Hook. f., Gen. Pl. 2: 482. 1873
orth. var. \equiv *Carbeni* Adans. \equiv *Cnicus* L.

Carderina (Cass.) Cass., Dict. Sc. Nat. 48: 447, 454. 1827
T. *Senecio reclinatus* Linn. f. (S Afr., Cape Prov.)
= *Senecio* L. sens. lat.

Cardonea Aristeguieta, Maguire & Steyerl., Mem. New York Bot. Gard. 23:
892. 1972
T. *C. jauaensis* Aristeguieta, Maguire & Steyerl. (Venez.)
Sp. 1, Venez.
M.
Tr. *Mutisieae*

Cardopatum Juss., Ann. Mus. Nat. Hist. Nat. 6: 324. 1805
T. *C. corymbosum* (L.) Pers. (Italy)
Sp. 3, Medit.
M.
Tr. *Cardueae*

Cardopatum Juss. orth. mut. Pers., Syn. Pl. 500. 1807 orth. var. \equiv *Cardopatum*
Juss.

Cardosanctus Bub., Fl. Pyrenaea 2: 152. 1899 nom. rejic. illegit. superfl. \equiv
Cnicus L.

Carduncellus Adans., Fam. 2: 116., 532. 1763
T. *C. monspelliensium* All. (France)
Sp. c 30, Medit., SW Asia
M.
Tr. *Cardueae*

Carduus L., Sp. Pl. 820. 1753 & Gen. Pl., ed. 5, 358. 1754
T. *C. nutans* L. (Eur.)
Sp. c 80, Eur., Medit., Asia, trop. Afr.
M. Kazmi in Mitt. Bot. Staatss. München 5: 139-198. 1963 & 279-550. 1964
Tr. *Cardueae*

Carelia Fabr., Enum. 95. 1759 nom. superfl. \equiv *Ageratum* L.

Carelia Juss. ex Cav., [Ann. Ci. Nat. 6: 317. 1803] nom. illegit., non Fabr. 1759

T. *Eupatorium saturejifolium* Lam.

= *Mikania* Willd.

Carelia Less., Syn. Comp. 156. 1876 nom. illegit., non Fabr. 1759 =

Radlkoferotoma Kuntze

Cargila Rafin., [Aut. Bot. 11.] 1840

T. *C. dichotoma* Rafin. (S Amer.)

= *Melampodium* L.

Cargilla Adans., Fam. 2: 130, 532. 1763 nom. illegit. superfl. = *Chrysogonum* L.

Carlina L., Sp. Pl. 828. 1753 & Gen. Pl. ed. 5, 360. 1754

T. *C. vulgaris* L. (Europe)

Sp. 20, Eur., Medit., Asia

M. Meusel & Kastner in Feddes Repert. 83: 213-237. 1972

Tr. *Cardueae*

Carlinoles Kuntze in Post & Kuntze, Lex. 101. 1903 nom. illegit. superfl. et

rejjc. = *Berkheya* Ehrh.

Carlowizia Moench, Meth. Suppl. 225. 1802

T. *Carthamus salicifolius* L. (Madeira)

= *Carlina* L.

Carmelita C. Gay ex DC., Prodr. 7: 14. 1838

T. *C. formosa* C. Gay ex DC. (Chile)

= *Chaetanthera* Ruiz & Pav.

Carminatia Moç. ex DC., Prodr. 7: 267. 1838

T. *C. tenuiflora* DC. (Mex.)

Sp. 2, Mex.

M.

Tr. *Eupatorieae*

Carpesium L., Sp. Pl. 859. 1753 & Gen. Pl., ed. 5, 369. 1754

T. *C. cernuum* L. (Italy)

Sp. c. 20, Eur., Asia, Males., trop. Austral.

M.

Tr. *Inuleae*

Carphephorus Cass., Bull. Soc. Philom. Paris 1816: 198. 1816

T. C. pseudoliatris Cass. (N Amer.)

Sp. 5, SE U.S.A.

M. Hebert in *Rhodora* 70: 474-485. 1968

Tr. *Eupatorieae*

(**Carphobolus** Schott in Spreng., Syst. 4: 409. 1827 orth. var. in syn. ≡
Carphobolus Schott)

(**Carphobolus** Schott in Spreng., Syst. 4: 409. 1827 in syn.)

Carphochaete A. Gray, Mem. Amer. Acad. Arts ser. 2, 4: 65. 1849

T. C. wislizeni A. Gray (Mex.)

Sp. 5, SW U.S.A., Mex.

M.

Tr. *Eupatorieae*

Carpholoma D. Don, Mem. Wern. Nat. Hist. Soc. 5: 555. 1826

T. C. rigidum D. Don (S Afr., Cape Prov.)

= *Lachnospermum* Willd.

Carphopappus Sch. Bip. in Walp., Repert. 2: 973. 1843

T. C. baccharidifolius (Less.) Sch. Bip. (S Afr., Cape Prov.)

= *Pegoletia* Cass.

Carphephorus Cass. orth. mut. Post & Kuntze, Lex. 102. 1903 orth. var. ≡
Carphephorus Cass.

Carphostephium Cass., Dict. Sc. Nat. 44: 62. 1826

T. Ptilostephium trifidum Kunth (Mex.)

= *Tridax* L.

Carramboa Cuatrec., Phytologia 35: 54. 1976

T. Espeletia pittieri Cuatrec. (Venez.)

Sp. 5, Venez.

M.

Tr. *Heliantheae*

Cartherothamnus R. M. King, *Rhodora* 69: 45. 1967

T. C. anomalochaeta R. M. King & H. Robins. (Baja Calif.)

Sp. 1, Mex. (Baja Calif.)

M.

Tr. *Eupatorieae*

Cartesia Cass., Bull. Soc. Philom. Paris 1816: 198. 1816

T. C. centauroides Cass. (N Amer.)

= *Stokesia* L'Hérit.

Carthamodes Kuntze, Rev. Gen. 1: 325. 1891 nom. illegit. superfl. ≡

Carduncellus Adans.

Carthamoides v. Wolf. [Gen. Pl. 39.] 1776 nom. illegit. superfl. ≡ *Carduncellus*

Adans.

Carthamus L. Sp. Pl. 830. 1753 & Gen. Pl., ed. 5, 361. 1754

T. C. tinctorius L. (Egypt)

Sp. c. 20, Medit., N Afr., SW & C Asia

M. Hanelt in Feddes Rep. 67: 41-180. 1963

T. *Cardueae*

(**Cartodium** Soland. ex R. Br., Trans. Linn. Soc. 12: 106. 1817 in syn.)

Cassinia R. Br., Trans. Linn. Soc 12: 126. 1817 nom. cons.

T. C. aculeata (Lab.) R. Br. (Tasman.)

Sp. 20, Austral., New Zeal.

M.

Tr. *Inuleae*

Cassinia R. Br. ex Ait., Hort. Kew. ed. 2, 5: 184. 1813 nom. rejic. illegit.

T. C. aurea R. Br. (= *Angianthus tomentosus* Wendl.) (Austral.)

= *Angianthus* Wendl.

(**Cassiniola** F. Muell., Fragm. 3: 139. 1803 in syn.)

Castalis Cass., Dict. Sc. Nat. 30: 331. 1824

T. C. ventenatii Cass. nom. illegit. (*Calendula flaccida* Vent.) (S Afr.)

Sp. 3, S Afr.

M. Norlindh, Studies in Calendulae 1: 77-97. 1943

Tr. *Calenduleae*

Castanedia R. M. King & H. Robins., *Phytologia* 39: 58. 1978

T. C. santamartensis R. M. King & H. Robins. (Colombia)

Sp. 1, Colombia

M.

Tr. *Eupatorieae*

Castra Vell., *Fl. Flum.* 342. 1825

T. 4 spp, syntypes (Brazil)

= *Trixis* P. Br.

Cataleuca Hort. ex C. Koch (ubi?)

? = *Onoseris* DC.

Catamixis T. Thoms., *Journ. Linn. Soc. Bot.* 9: 342. 1866

T. C. baccharoides T. Thoms. (NW Himal.)

Sp. 1, NW Himal.

M.

Tr. *Mutisieae*

Catanance L. orth. mut. *St. Lag.*, *Ref. Bot. Nom.* 107. 1880 orth. var. =

Catananche L.

Catananche L., *Sp. Pl.* 812. 1753 & *Gen. Pl.*, ed. 5, 354. 1754

T. C. lutea L. (Crete)

Sp. 5, *Medit.*

M.

Tr. *Lactuceae*

Catatia Humb., *Mém. Soc. Linn. Normandie* 25: 67, 288. 1923

T. C. attenuata Humb. & *C. cordata* Humb., syntypes (Madag.)

Sp. 2, Madag.

M.

Tr. *Inuleae*

Catonia Moench, *Meth.* 535. 1794 nom. illegit., non P. Br. 1756

T. Crepis austriaca Jacq. (Austria)

= *Crepis* L.

(*Catophyllum* Pohl ex Bak. in *Mart.*, *Fl. Bras.* 6 (2): 222. 1876 in syn.)

Catyona Cass. orth. mut. *Lindl.*, *Veg. Kingd.* 715. 1846 orth. var. (sphalm.) =

Gatyona Cass. = *Crepis* L.

Cauloma Rafin, Atl. Journ. 1 (5): 163. 1833

T. C. tomentosa Rafin. (Kentucky)

= *Verbesina* L.

Cavalcantia R. M. King & H. Robins., Phytologia 47: 113. 1980

T. C. glomeratum Barroso & King (Brazil)

Sp. 2, Brazil

M.

Tr. *Eupatorieae*

Cavea W. W. Sm. & Small, Trans. Proc. Bot. Soc. Edinb. 27: 119. 1917

T. Saussurea tanguensis Drum. (E Himal.)

Sp. 1, E Himal.

M.

Tr. uncertain, ? *Cardueae*, ? *Mutisieae*, ? *Inuleae*

Celestina Cass. orth. mut. Raf., Herb. Raf. 47. 1833 orth. var. ≡ *Coelestina* Cass.

= *Ageratum* L.

Celmisia Cass., Bull. Soc. Philom. Par. 1817: 32. 1817 nom. rejic. illegit.

T. C. rotundifolia Cass. (S Afr.)

= *Alciope* Cass.

Celmisia Cass., Dict. Sc. Nat. 37: 259. 1825 nom. cons.

T. C. longifolia Cass. (Austral.)

Sp. 61, Austral., Tasman., New Zeal.

M.

Tr. *Astereae*

Cenia Comm. ex Juss., Gen. 183. 1789

T. Cotula turbinata (L.) Pers. (S Afr.)

= *Cotula* L.

Cenocline K.H.E. Koch, Bot. Zeit. 1: 41. 1843

T. Cotula aurea Loefl. (Spain)

= *Matricaria* L.

(**Cenotis** Raf. orth. mut. Raf., New Fl. N. Amer. 1: 31. 1836 orth. var. (sphalm)

≡ *Caenotus* Raf. = *Conyza* Less.)

Centaurea L., Sp. Pl. 909. 1753 & Gen. Pl. ed. 5, 389. 1754

T. *C. centaurium* L. (Italy)

Sp. 500, mostly temp. Eurasia, also N Afr., New Zeal., and trop. Afr.

M.

Tr. *Cardueae*

Centaureum Haller, Hist. Stirp. Helv. 1: 69. 1768 nom. illegit.

T. *Centaurea rhapsodicum* L. (S Central Eur.)

= *Rhapsodicum* Adans. nom. illegit. = *Leuzea* DC.

Centaurodendron Johow, Estud. Fl. Juan Fernandez 63. 1896

T. *C. dracaenoides* Johow (Juan Fernandez Is.)

Sp. 2, Juan Fernandez Is.

M.

Tr. *Cardueae*

Centauroopsis Boj. ex DC., Prodr. 5: 93. 1836

T. *C. fruticosa* Boj. ex DC. (Madag.)

Sp. 8, Madag.

M.

Tr. *Vernonieae*

Centaurothamnus Wagenitz & Dittrich, Candollea 37: 111. 1982

T. *C. maximus* (Forssk.) Wagenitz & Dittrich (Arabia)

Sp. 1, Yemen, S Yemen, Saudi Arabia

M.

Tr. *Cardueae*

Centipeda Lour., Fl. Cochinch. 492. 1790

T. *C. orbicularis* Lour. (Vietnam)

Sp. 6, trop. Asia, Austral., New Zeal., Polynesia, Madag., temp. S Amer.

M.

Tr. uncertain, ? *Inuleae*

Centrachena Schott [Cat. Sem. Hort. Vindob. 1823] ex Reichb., Ic. Pl. Crit. 4:

47. 1826 nom. illegit. = *Heteranthemis* Schott

Centrapalus Cass., Bull. Soc. Philom. Paris 1817: 10. 1817

T. *C. galamensis* Cass. (W Afr.)

= *Vernonia* Schreb. sens. lat.

Centratherum Cass., Bull. Soc. Philom. Paris 1817: 31. 1817

T. *C. punctatum* Cass. (Venezuela)

Sp. 2, Philipp., Austral., S Amer.

M. Kirkman in Rhodora 83 (833): 14-23. 1981

Tr. *Vernoniaeae*

(**Centrocarpha** D. Don in Sweet, Hort. Bot. ed. 2, 310. 1830 nom. nud.)

Centrocarpha D. Don in Sweet, Brit. Fl. Gard. 4 (ser. 2, 1): 87. 1831

T. *C. grundiflora* D. Don (C U.S.A.)

= *Rudbeckia* L.

Centroclinium D. Don in Trans. Linn. Soc. 16: 254. 1830

T. *C. albicans* D. Don (Peru)

= *Onoseris* DC.

(**Centrolinium** D. Don orth. mut. [Orbigny. Dict. Univ. Hist. Nat. 3: 263. 1843]

orth. var. = *Centroclinium* D. Don = *Onoseris* DC.)

Centromadia Greene, Man. Bot. San Francisco Bay 196. 1894

T. Several syntypes (Calif.) see Greene l.c.

= *Hemizonia* DC.

Centropappus Hook. f., Lond. Journ. Bot. 6: 124. 1847

T. *C. brunonis* Hook. f. (Tasman.)

= *Brachyglottis* J. R. & G. Forst.

(**Centrophyllum** Neck. ex DC. orth. mut. Dum., An. Fam. 32. 1829 orth. var. =

Kentrophyllum Neck. ex DC. = *Carthamus* L.)

Centrospermum Spreng., Novi Provent. 9. 1819 nom. illegit.

T. *C. chrysanthemum* Spreng. (Spain)

= *Heteranthemis* Schott.

Centrospermum Kunth in H.B.K., Nov. Gen. Sp. [ed. fol. 4: 212. 1818]

T. *C. xanthioides* Kunth (Venez.)

= *Acanthospermum* Schrank

(**Cephalanoplos** Neck., Elem. 1: 68. 1790 nom. non rite public.)

Cephalipterum A. Gray in Hook., Journ. Bot. Kew Gard. Misc. 4: 271. 1852

T. C. drummondii A. Gray (Austral.)

Sp. 1, W & S Austral.

M.

Tr. *Inuleae*

Cephalobembix Rydb., N Amer. Fl. 34: 46. 1914

T. C. neomericana (A. Gray) Rydb. (New Mexico)

= *Schkuhria* Roth

Cephalonoplos Fourr., [Ann. Soc. Linn. Lyon ser. 2, 17: 95. 1896] nom. illegit.

≡ *Brea* Less. = *Cirsium* Mill.

Cephalopappus Nees & Mart., Nov. Act. Phys.-Med. Acad. Caes. Leop.-Carol.

Nat. Cur. 12: 5, t. 1. 1824

T. C. sonchifolius Nees & Mart. (Brazil)

Sp. 1, NE Brazil

M.

Tr. *Mutisieae*

Cephalophora Cav., Icon. 6 (2): 79, t. 599. 1801

T. C. glauca Cav. (Chile)

= *Helenium* L.

Cephalorrhynchus Boiss., Diagn. Ser. 1, 1 (4): 28. 1844

T. C. glandulosus Boiss. (Turkey)

Sp. 10, SE Europe, SW Asia

M.

Tr. *Lactuceae*

(**Cephaloseris** Poepp. ex Reichb., Consp. 212a. 1828 nom. nud.)

Cephalosorus A. Gray in Hook., Journ. Bot. Kew Gard. Misc. 3: 98, 152. 1851

T. C. phyllocephalus A. Gray (W Austral.)

Sp. 1, W Austral.

M. Short in Muelleria 5: 182-184. 1983

Tr. *Inuleae*

Ceradia Lindl. in Edwards, Bot. Reg. 31 (Misc.) 11. 1845

T. C. furcata Lindl. (cult.)

= *Othonna* L.

Ceramiocephalum Sch. Bip., Bull. Soc. Bot. Fr. 9: 284. 1862

T. *Crepis patula* Poir. (Algeria)

= *Crepis* L.

Ceratella Hook. f., Fl. Antarct. 1: 25, t. 18. 1844

T. *C. rosulata* Hook. f. (New Zealand, Campbell I.)

= *Abrotanella* Cass.

(**Ceratocephalus** Cass., Dict. Sc. Nat. 7: 432. 1817 nom. non rite public.)

Ceratocephalus Kuntze, Rev. Gen. 1: 326. 1891 nom. illegit.

T. *C. acmella* (L.) Kuntze

= *Blainvillea* Cass.

Ceratogyne Turcz., Bull. Soc. Imp. Nat. Mosc. 24 (2): 68. 1881

T. *C. obionoides* Turcz. (Austral.)

Sp. 1, W Austral.

M.

Tr. Uncertain? *Astereae*, *Inuleae*

(**Ceratolepis** Cass., [Bull. Soc. Philom. Paris 1819: 111. 1819])

Cercostylos Less., Syn. Gen. Comp. 239. 1832

T. *C. brasiliensis* (Less.) Less.

= *Guillardia* Foug.

Cereopsis L. orth. mut Rafin., [Cincin. Bot. Gaz. 2: 28 (1824)] orth. var.

(sphalm.) ≡ *Coreopsis* L. - *Bidens* L.

Ceruana Forssk., Fl. Aegypt.-Arab. lxxiv, 153. 1775

T. *C. pratensis* Forssk. (Egypt)

Sp. 1, N trop. Afr., Egypt

M. Fayed in Mitt. Bot. Staatss. München 15: 520-525. 1979

Tr. *Astereae*

(**Ceruchis** Gaertn. ex Schreb., Gen. 543. 1791 in syn.)

Cestrinus Cass., Dict. Sc. Nat. 8: 24. 1817

T. *Cynara acaulis* L. (N Africa)

= *Leuzea* DC.

Chabraea DC., Ann. Mus. Natl. Hist. Nat. 19: 65, 71, t. 5. 1812 nom. illegit.
T. *Perdicium purpureum* Vahl (Chile)
= *Leucheria* Lag.

Chacoa R. M. King & H. Robins., Phytologia 32: 275. 1975
T. *Eupatorium pseudoprasiifolium* Hassl. (Parag.)
Sp. 2, Parag., Argent.
M.
Tr. *Eupatorieae*

Chaemaechaenactis Rydb. orth. mut. Heyw., Harb. & Turner, Biol. Chem. Comp. 1159. 1977 orth. var. (sphalm.) = *Chamaechaenactis* Rydb.

Chaenactis DC., Prodr. 5: 659. 1836
T. *C. glabriuscula* DC. (Calif.)
Sp. 40, W U.S.A., NW Mex.
M. Stockwell in Contrib. Dudley Herb. 3: 89-168. 1940
Tr. *Heliantheae*

Chaenocephalus Griseb., Fl. Brit. W. Ind. Isl. 374. 1861
T. *C. petrobioides* Griseb. (Jamaica)
= *Verbesina* L.

Chaenolobus Cass. orth. mut. Baill., Hist. Pl. 8: 193. 1882 orth. var. (sphalm.) = *Chlaenobolus* Cass. = *Pterocaulon* Ell.

Chaetachlaena D. Don, Trans. Linn. Soc. Lond. 16: 256. 1830
T. *C. odorata* D. Don (Peru)
= *Onoseris* DC.

Chaetadelpha A. Gray ex S. Wats., Amer. Nat. 7: 301. 1873
T. *C. wheeleri* A. Gray ex S. Wats. (Nevada)
Sp. 1, SW U.S.A.
M. Tomb in Madroño 21: 459-462. 1972
Tr. *Lactuceae*

Chaetantera Ruiz & Pav. orth. mut. Less., Syn. Comp. 111. 1832 orth. var. = *Chaetanthera* Ruiz & Pav.

Chaetanthera Ruiz & Pav., Prodr. 106. 1794

T. C. serrata Ruiz & Pav., *C. ciliata* Ruiz & Pav. (syntypes, Chile)

Sp. 41, Peru, Boliv., Argent., Chile

M.

Tr. *Mutisieae*

Chaetanthera Nutt., Journ. Acad. Nat. Sc. Philad. 7: 111. 1834 nom. illegit. =

Chaetopappa DC.

Chaetaphora Nutt., Journ. Acad. Nat. Sc. Philad. 7 (2) Errata. 1837 nom. illegit.

= *Chaetopappa* DC.

Chaethymenia Hook. & Arn. orth. mut. Endl., Gen. 1382. 1841 orth. var. =

Chaetymenia Hook. & Arn. = *Jaumea* Pers.

(**Chaetochlaena** D. Don orth. mut. Post & Kuntze, Lex. 114. 1903 orth. var. in

syn. = *Chaetachlaena* D. Don = *Onoseris* DC.)

Chaetopappa DC., Prodr. 5: 301. 1836

T. C. asteroides (Nutt.) DC. (Arkansas)

Sp. 9, SW U.S.A., Mex.

M. Shinnery in *Wrightia* 1: 63-81. 1946

Tr. *Astereae*

(**Chaetophora** Nutt. orth. mut. DC., Prodr. 5: 301. 1836 in syn. = *Chaetaphora*

Nutt. = *Chaetopappa* DC.)

Chaetospora S. F. Blake, Journ. Wash. Acad. Sc. 25: 311. 1935

T. C. funkii (Turcz.) S. F. Blake (Colombia)

Sp. 1, Colombia

M.

Tr. *Vernonieae*

Chaetymenia Hook. & Arn., Bot. Beech. Voy. 298. 1838

T. C. peduncularis Hook. & Arn. (Mex.)

Sp. 1, Mex.

Tr. *Heliantheae*

(**Chakiatella** Cass. orth. mut. DC., Prodr. 5: 563. 1836 orth. var. in syn. =

Chatiakella Cass. = *Wulffia* Neck. ex Cass.)

(**Chalarium** Poit. ex DC., Prodr. 5: 546 in syn.)

(*Chalcitis* Rafin. orth. mut. Post. & Kuntze, Lex. 114. 1903 orth. var. in syn. = *Xalkitis* Rafin. = *Bindera* Rafin. = *Aster* L.)

Chamaechaenactis Rydb., Bull. Torr. Bot. Cl. 33: 155. 1906

T. C. scaposa (Eastw.) Rydb. (Colorado)

Sp. 1, SW U.S.A.

M.

Tr. *Heliantheae*

Chamaegeron Schrenk, Bull. Cl. Phys.-Math. Acad. Imp. Sc. St. Pétersb. 3: 107. 1845

T. C. oligocephalus Schrenk (Kazakhstan)

Sp. 4, C Asia

M.

Tr. *Astereae*

Chamaeleon Tausch, Flora 11: 325. 1828 nom. illegit. = *Picnomon* Adans.

Chamaelon Cass., Dict. Sc. Nat. 47: 509. 1827

T. Atractylis gummifera L. (Medit.)

= *Atractylis* L. (vide etiam Petit in Addisonia 9: 407. 1988)

Chamaemelum Mill., Gard. Dict. Abridg., ed. 4. 1754

T. C. nobile (L.) All. (Eur.)

Sp. 4, SW Eur., Medit.

M.

Tr. *Anthemideae*

Chamaemelum Vis., Giorn. Bot. Ital. 1 (2): 33. 1844 nom. illegit. =

Tripleurospermum Sch. Bip.

Chamaepeuce DC., Prodr. 6: 657. 1838 nom. illegit. = *Ptilostemon* Cass.

Chamaepus Wagenitz in Rechinger., Fl. Iran. Compositae IV: 12, 1980

T. C. afghanicus Wagenitz (Afghan.)

Sp. 1, Afghan.

M.

Tr. *Inuleae*

Chamaesphaerion A. Gray in Hook., Journ. Bot. Kew Gard. Misc. 3: 100. 1851

T. C. pygmaeum A. Gray (W Austral.)

= *Siloxerus* Lobill.

Chamaestephanum Willd., [Ges. Nat. Freunde Berlin Naturk. 1: 140. 1807]
T. not established
= *Schkuria* Roth.

Chamaezelum Link, Handb. 1: 719. 1829 nom. illegit. = *Antennaria* Gaertn.

Chamalium Cass., Dict. 47: 498. 1827 nom. illegit. = *Chamaeleon* Cass. =
Atractylis L.

Chamartemisia Rydb., N. Amer. Fl. 34: 242. 1916
T. *C. compacta* (Hall) Rydb. (Nevada)
= *Tanacetum* L.

Chamepeuce DC. orth. mut. Rafin., Fl. Tellur. 4: 118. 1838 orth. var. =
Chamaepeuce DC. = *Ptilostemon* Cass.

Chamissomneia Kuntze, Rev. Gen. 1: 326. 1891 nom. rejic. = *Schlechtendalia*
Less. nom. cons.

Chamomilla S. F. Gray, Nat. Arr. Brit. Fl. 2: 454. 1821
T. *Matricaria chamomilla* L. 1755 nom. illegit. non L. 1753 (Europe)
= *Matricaria* L.

Chamomilla Godr., Fl. Lorraine 2: 19. 1843 nom. illegit. = *Chamaemelum* Mill.

Chaptalia Vent., Desc. Pl. Nouv. Jard. Cels 61. 1802 nom. cons.
T. *C. tomentosa* Vent. (Carolina)
Sp. 50, S U.S.A., W Indies, Mex., C & S Amer.
M. Burkart in Darwiniana 6: 505-594. 1944
Tr. *Mutisieae*

Chardinia Desf., Mém. Mus. Hist. Nat. 3: 455. 1817
T. *C. orientalis* (L.) Kuntze (Levant)
Sp. 1, Medit. to C Asia
M.
Tr. *Cardueae*

Charieis Cass., Bull. Soc. Philom. Paris 1817: 68. 1817
T. *C. heterophylla* Cass. (S Afr., Cape Prov.)
= *Felicia* Cass.

Chartolepis Cass., Dict. Sc. Nat. 44: 36. 1826

T. *Centaurea glastifolia* L. (Armenia)

= *Centaurea* L.

(**Chatelanis** Neck., Elem. 1: 53. 1790 nom. non rite public.)

Chatiakella Cass., Dict. Sc. Nat. 29: 491. 1823 nom. illegit. ≡ *Chylodia* Cass.

= *Wulffia* Neck. ex Cass.

Cheilodiscus Triana, Ann. Sc. Nat. Bot. sér. 4, 9: 36. 1858

T. C. littoralis Triana (Columbia)

= *Pectis* L.

Cheirolepis Boiss., Diagn. Pl. Or. ser. 1, 2 (10): 106. 1849

T. C. drabifolia Sibth. & Sm. (Greece)

= *Centaurea* L.

Cheioloma F. Muell., Linnaea 25: 401. 1853

T. C. hispidulum F. Muell. (Austral.)

= *Calotis* R. Br.

Cheirolophus Cass., Dict. Sc. Nat. 50: 247, 250. 1827

T. Centaurea sempervirens L. (Portugal)

Sp. 12, Eur., N Afr., Canary Is., temp. S Amer.

M.

Tr. *Cardueae*

(*Cheliusia* Sch. Bip. ex A. Rich., Tent. Fl. Abyss. 1: 380. 1847 in syn.)

Chersodoma Phil., An. Mus. Nat. Chile 1891: 33. 1891

T. C. candida Phil. (Chile)

Sp. 9, S Peru, Boliv., Argent., Chile

M. Cabrera in Rev. Mus. La Plata Ser. Bot. 6: 343-355. 1946

Tr. *Senecioneae*

Cherina Cass., Bull. Soc. Philom. Paris 1817: 67. 1817

T. C. microphylla Cass. (Chile)

= *Chaetanthera* Ruiz & Pav.

Chetanthera Nutt. orth. mut. Rafin., New Fl. N. Amer. 2: 95. 1837 orth. var. =

Chaetanthera Nutt. = *Chaetopappa* DC.

Chetopappus DC. orth. mut. Rafin., New Fl. N. Amer. 2: 95. 1837 orth. var. =

Chaetopappa DC.

Chevreulia Cass., Bull. Soc. Philom. Paris 1817: 69. 1817

T. Xeranthemum caespitosum Thou. (Tristan Da Cunha)

Sp. 6, S Amer., Tristan Da Cunha

M.

Tr. *Inuleae*

Chicorium L. orth. mut. Dum., Commentat. 55. 1822 orth. var. = *Cichorium* L.

Childsia J. L. Childs [Cat. Rare Fl. 1899]*T. C. wercklei* J. L. Childs= *Hidalgoa* La Llave**Chiliadenus** Cass., Dict. Sc. Nat. 34: 34. 1825*T. C. camphoratus* Cass. (Spain)

Sp. 9, Medit.

M. Brullo in *Webbia* 34: 289-308. 1979Tr. *Inuleae***Chiliocephalum** Benth. in Hook., Ic. Pl. 12: 34, t. 1137. 1873*T. C. schimperi* Benth. (Ethiopia)= *Helichrysum* Mill. corr. Pers.**Chiliophyllum** Phil., *Linnaea* 33: 132. 1864 nom. cons.*T. C. densifolium* Phil. (Chile)

Sp. 3, Chile, Argent.

M.

Tr. *Astereae***Chiliophyllum** DC., *Prodr.* 5: 554 (1836) nom. illegit. et rejic. = *Hybridella*

Cass.

Chiliotrichiopsis Cabr., *Nota Mus. La Plata* 2: 172. 1937*T. C. keidelii* Cabr. (Argent.)

Sp. 3, Argent.

M.

Tr. *Astereae***Chiliotrichum** Cass., *Bull. Soc. Philom. Paris* 1817: 69. 1817*T. C. amelloideum* Cass. (Chile)

Sp. 2, temp. S Amer.

M.

Tr. *Astereae***Chimantaea** Maguire, Steyerl. & Wurd., *Mem. New York Bot. Gard.* 9: 428.

1957

T. C. mirabilis Maguire, Steyerl. & Wurd. (Venez.)

Sp. 8, Venez., Guyana

M.

Tr. *Mutisieae*

Chionochnaena DC. orth. mut. Post & Kuntze, Lex. 119. 1903 orth. var. ≡
Chionolaena DC.

Chionolaena DC., Prodr. 5: 397. 1836

T. *C. arbuscula* S. F. Blake (Peru)

Sp. 8, Mex., Brazil

M.

Tr. *Inuleae*

Chionopappus Benth. in Benth. & Hook. f., Gen. Pl. 2: 485. 1873

T. *C. benthamii* S. F. Blake (Peru)

Sp. 1, Peru

M.

Tr. *Liabeae*

Chionopectera DC., Prodr. 7: 14. 1838

T. *C. gayophyta* DC. (Chile)

= *Pachylaena* D. Don ex Hook. & Arn.

(**Chirolepis** Boiss. orth. mut. Post & Kuntze, Lex. 120. 1903 orth. var. in syn. ≡
Cheirolepis Boiss. = *Centaurea* L.)

(**Chioloma** F. Muell. orth. mut. Post & Kuntze, Lex. 120. 1903 in syn. ≡
Cheioloma F. Muell. = *Calotis* R. Br.)

Chirolophus Cass., Dict. Sc. Nat. 50: 247. 1827 orth. alt. ≡ *Cheirolophus* Cass.

Chlaenobolus Cass., Dict. Sc. Nat. 49: 337. 1827

T. several syntype species, see Cass., l.c.

= *Pterocaulon* Ell.

Chlamydites J. R. Drumm., Bull. Misc. Inf. Kew 1907: 90. 1907.

T. *C. prainii* J. R. Drumm. (Tibet)

= *Aster* L.

Chlamydochera Less., Syn. Comp. 265 orth. var. (sphalm.) ≡ *Chlamydochera*
Ehrenb. ex Less.

Chlamydomphora Ehrenb. ex Less., Syn. Comp. 265, 448. 1832

T. C. trilobata (Del.) Ehrenb. ex Less. (Egypt)

Sp. 3, N Afr., Crete

M.

Tr. *Anthemideae*

Chlamysperma Less., Syn. Comp. 256. 1832

T. Unxia pratensis Kunth (Mex.)

= *Galeana* La Llave & Lex

(**Chlaotrahelus** Zoll. orth. mut. Hook. f., Fl. Brit. Ind. 3: 234. 1881 orth. var.

(sphalm.) in syn. ≡ *Claotrachelus* Zoll. = *Vernonia* Schreb. sens. lat.)

Chlorocrepis Griseb., Comm. Distr. Hierac. 75: 1852

T. Hieracium staticifolium Vill. (C Eur.)

= *Tolpis* Adans.

Choeroseris Link, Handb. 1: 798. 1829

T. Hieracium sprengerianum L. (S Eur.)

= *Picris* L.

Chondrilla L., Sp. Pl. 796. 1753 & Gen. Pl., ed. 5, 348. 1754

T. C. juncea L. (Eur.)

Sp. 25, temp. Euras., adv. Austral.

M.

Tr. *Lactuceae*

Chondrochilus Phil., Linnæa 28: 711. 1858

T. C. crenatus Phil. (Chile)

= *Chaetanthera* Ruiz & Pav.

Chondrophora Rafin. ex Britton, Mem. Torr. Bot. Cl. 5: 317. 1894 nom. rejic. ≡

Bigelowia DC. nom. cons.

Chone Dulac, Fl. Hautes-Pyrénées 512. 1867 nom. illegit. ≡ *Eupatorium* L.

Chorisis DC., Prodr. 7: 177. 1838

T. C. repens (L.) DC. (Kamchatka)

Sp. 1, E Asia

M.

Tr. *Lactuceae*

Chorisiva (A. Gray) Rydb., N Amer. Fl. 33: 8. 1922

T. *Iva nevadensis* M. E. Jones (Nevada)

= *Iva* L.

Chorisma D. Don, Edinb. New Philos. Journ. 6: 308. 1829 nom. illegit. =

Chorisis DC.

Choristea Thunb., Nov. Gen. 179. 1801

T. *C. carnososa* (Linn. f.) Thunb. (S Afr., Cape Prov.)

= *Didelta* L'Hérit.

Chresta Vell. ex DC., Prodr. 5: 85. 1836

T. *C. sphaerocephala* DC. (Brazil)

Sp. 11, Brazil

M. Robinson in Phytologia 45: 89-93. 1980 (list)

Tr. *Vernonieae*

Chrisanthemum L. orth. mut. Neck., [Del. Gallo-Belg. 2: 358. 1708] orth. var.

= *Chrysanthemum* L.

Chroilema Bernh., [Sel. Sem. Hort. Erfurt. 1840] ex Schlechtd., Linnaea 15
(Litt.) 90. 1841

T. *C. subcanescens* Bernh. (Chile)

= *Haplopappus* Cass. corr. Endl.

Chromatochiton Cass., Dict. Sc. Nat. 56: 220. 1828

T. several syntypes (Austral.)

= *Cassinia* R. Br.

Chromatolepis Dulac, Fl. Hautes Pyrenées 526. 1867 nom. illegit. = *Carlina* L.

Chromatopogon F. W. Schmidt., [Samml. Phys. Öken Aufs. 1: 225. 1795]

T. *Tragopogon calyculatus* N. J. Jacq. (Italy)

= *Scorzonera* L.

Chromolaena DC., Prodr. 5: 133. 1836

T. *C. horminoides* DC. (Brazil)

Sp. 130, S U.S.A., Mex. C & trop S Amer.

M.

Tr. *Eupatorieae*

Chromolepis Benth., Pl. Hartweg. 40. 1840

T. C. heterophylla Benth. (Mex.)

Sp. 1, Mex.

M.

Tr. *Heliantheae*

Chrono Dulac orth. mut. Airy-Shaw in Willis, Dict. ed. 7, 243. 1966 orth. var. (sphalm.) = *Chone* Dulac = *Eupatorium* L.

Chronopappus DC., Prodr. 5: 84. 1836

T. C. bifrons (Pers.) DC. (Brazil)

Sp. 1, Brazil

M.

Tr. *Vernoniaeae*

Chrysactinia A. Gray, Mem. Amer. Acad. Arts. ser. 2, 4: 93. 1849

T. C. mexicana A. Gray (Mex.)

M. Strother in Madroño 24: 129-139. 1977

Tr. *Heliantheae*

Chrysactinium (Kunth) Wedd., Chloris Audina 1: 212. 1857

T. C. acaule (Kunth) Wedd. (Ecuador)

Sp. 6, Ecuador to Peru

M.

Tr. *Liabeae*

Chrysanthellina Cass., Dict. Sc. Nat. 25: 391. 1822 nom. illegit. = *Chrysanthellum* L. C. Rich ex Pers.

Chrysanthellum L. C. Rich ex Pers., Syn. Pl. 2: 471. 1807

T. Anthemis americana L. (W Indies)

Sp. 5, tropics

M.

Tr. *Heliantheae*

Chrysanthemodes Medik, orth. mut. Post & Kuntze, Lex. 123. 1903 orth. var. = *Chrysanthemoides* Medik. = *Osteospermum* L.

Chrysanthemoides Medik., Philos. Bot. 1: 159. 1787 nom. illegit. = *Osteospermum* L.

Chrysanthemoides Fabr., Enum. 79. 1759

T. C. monilifera (L.) T. Norl. (S Afr.)

Sp. 2, trop. & S Afr.

M. Norlindh, Studies in the Calenduleae 1: 367-403. 1943

Tr. *Calenduleae*

Chrysanthemum L., Sp. Pl. 887. 1753 & Gen. Pl. ed. 5, 379. 1754

T. C. coronarium L. (Medit.)

Sp. 2, Eur., N Afr.

M.

Tr. *Anthemideae*

(**Chrysastrum** Willd. ex Wedd., Chloris Andina 1: 211. 1857 in syn.)

Chryseis Cass., Bull. Soc. Philom. Paris 1817: 33. 1817 nom. illegit. rejic. ≡

Amberboa (Pers.) Less. nom. cons.

(**Chrysis** Reneaulm. ex DC., Prodr. 5: 585. 1836 in syn.)

Chrysocephalum Walp., Linnaea 14: 503. 1841

T. C. helichrysoides Walp. (*Helichrysum apiculatum* (Labill.) DC.) (Austral.)

= *Helichrysum* Mill. corr. Pers. sens. lat.

Chrysocoma L., Sp. Pl. 840, 1753 & Gen. Pl. ed. 5, 364. 1754

T. C. coma-aurea L. (S Afr.)

Sp. 18, southern Afr.

M. Bayer in Mitt. Bot. Staatss. München 17: 259-392. 1981

Tr. *Astereae*

Chrysocome L. [orth. mut. St Lag. in Cariot, Etude des Fl., ed. 8, 2: 446. 1889]

orth. var. ≡ *Chrysocoma* L.

Chrysocoryne Endl., Bot. Zeit. (Berlin) 1: 457. 1843

T. C. pusilla (Benth.) Endl. (W Austral.)

Sp. 6, S & C Austral.

M. Short in Muelleria 5: 185-201. 1983

Tr. *Inuleae*

Chrysodiscus Steetz in Lehm., Pl. Preiss. 1: 460. 1845

T. C. niveus Steetz (W Austral.)

= *Asteridae* Lindl.

Chrysogonum L., Sp. Pl. 920. 1753 & Gen. Pl. ed. 5, 391. 1754

T. *C. virginianum* L. (Virginia)

Sp. 1, E U.S.A.

M. Stuessy in *Rhodora* 79: 190-202. 1977

Tr. *Heliantheae*

Chrysoma Nutt., Journ. Acad. Nat. Sc. Philadelph. 7: 67. 1834

T. *C. solidaginoides* Nutt. (Florida)

= *Solidago* L.

Chrysomelea Tausch., [Hort. Canal. 1. sub. t. 4. 1823] = *Coreopsis* L. - *Bidens*

L.

Chrysopappus Takhtadj., Not. Syst. Herb. Inst. Bot. Acad. Sc. U.R.S.S. 7: 275.

1938

T. *C. stapfianus* (Hand.-Mazz.) Takhtadj. (Turkey)

= *Centaurea* L.

(**Chrysopelta** Tausch., [Ind. Pl. Hort. Canal 1821] ex DC., Prodr. 6: 28. 1838 in

syn.)

Chrysophania Kunth ex Less., Syn. Gen. Comp. 224. 1832

T. *C. fastigiata* Kunth ex Less. (Mex.)

= *Zaluzania* Pers.

Chrysophthalmum Sch. Bip. in Kotschy (ed. Hohenacker), Pl. Alepp. Kurd.-

Moss. 314 (1843) sched. impr.

T. *C. sternutatorium* Sch. Bip. (Iraq)

Sp. 3, SW Asia

M.

Tr. *Inuleae*

Chrysophthalmum Phil., *Linnæa* 27: 9. 1858 nom. illegit., non Sch. Bip. 1843

T. *C. andinum* Phil. (Chile)

= *Grindelia* Willd.

Chrysopsis (Nutt.) Ell., Sketch Bot. S Carolina Georgia 2: 333. 1823 nom. cons.

T. *C. mariana* (L.) Ell. (N Amer.)

Sp. 20, U.S.A., Mex., Bahamas

M. Semple in *Rhodora* 83 (835) 323-384. 1981

Tr. *Astereae*

(**Chrysosphaerium** Willd. ex DC., Prodr. 5: 673. 1836 in syn.)

Chrysostemma Less., Syn. Gen. Comp. 227: 1832

T. Coreopsis tripteris L. (Virginia)

= *Coreopsis* L. - *Bidens* L.

(**Chrysostemma** E. Mey. ex DC., Prodr. 6: 501. 1838 pro syn.)

Chrysothamnus Nutt., Trans. Amer. Philos. Soc. Ser. 2, 7: 327. 1840

T. C. dracunculoides (DC.) Nutt. (U.S.A.)

Sp. 4, W U.S.A., N Mex.

M.

Tr. *Astereae*

Chthonia Cass., Bull. Soc. Philom. Paris 1817: 33. 1817

T. C. glaucescens Cass. (Patria ignota)

= *Pectis* L.

Chthonocephalus Steetz in Lehm., Pl. Preiss. 1: 44. 1845

T. C. pseudevax Steetz (W Austral.)

Sp. 5, temp. Austral.

M.

Tr. *Inuleae*

Chucoa Cabr., Bol. Soc. Arg. Bot. 6: 40. 1975

T. C. ilicifolia Cabr. (Peru)

Sp. 1, Peru

M.

Tr. *Mutisieae*

Chuquiraga Juss., Gen. 178. 1789

T. C. jussieui J. F. Gmel. (Peru)

Sp. 25, western S Amer.

M. Ezcurrea in Darwiniana 26: 219-284. 1985

Tr. *Mutisieae*

Chylochia L. C. Rich. ex Cass., Dict. Sc. Nat. 29: 491. 1823

T. C. sarmentosa L. C. Rich. ex Cass. (Guyana)

= *Wulffia* Neck. ex Cass.

Cicerbita Wallr., Sched. Crit. 433. 1822

T. C. alpina (L.) Wallr. (Eur.)

Sp. 18, Eur., N Afr., W & SW Asia

M.

Tr. *Lactuceae*

Ciceronia Urb. in Feddes Rep. 21: 224. 1925

T. C. chaptalioides Urb. (Cuba)

Sp. 1, Cuba

M.

Tr. *Eupatorieae*

(**Cicheria** Rafin., [Cincinnati Lit. Gaz. 1: 11. 1824] nom. nud.)

Cichorium L., Sp. Pl. 813. 1753 & Gen. Pl. ed. 5, 354. 1754

T. C. intybus L. (Eur.)

Sp. 9, Eur., Medit., SW Asia

M.

Tr. *Lactuceae*

Cinara Mill., Gard. Dict. Abridg., ed. 4 (sub Artichoke) nom. illegit. superfl. ≡
Cynara L.

Cineraria L., Sp. Pl. ed. 2, 1242. 1763 & Gen. Pl. ed. 6, 426. 1764

T. C. geifolia L. (S Afr., Cape Prov.)

Sp. 50, Yemen, trop. & S Afr., Madag.

M.

Tr. *Senecioneae*

Cirsellium Gaertn. orth. mut. Brotero, Fl. Lusit. 1: 346. 1804 orth. var. ≡

Cirsellium Gaertn. ≡ *Atractylis* L.

Cirsellium Gaertn., Fruct. 2: 454. 1791 nom. illegit. superfl. ≡ *Atractylis* L.

Cirsium Mill., Gard. Dict. Abridg., ed. 4. 1754

T. C. heterophyllum (L.) J. Hill

Sp. 250-300, Euras., N & trop. Afr., N Amer., Mex.

M.

Tr. *Cardueae*

Cissampelopsis (DC.) Miq., Fl. Ind. Bot. 2: 102. 1856

T. *C. volubilis* (BL.) Miq. (Java)

Sp. 15, trop. Asia & trop. Afr.

M.

Tr. *Senecioneae*

Cistrum Hill, Veg. Syst. 4: 36. 1762

T. *Centaurea aspera* L., *C. napifolia* L., *C. isnardii* L. (S Eur., syntypes)

= *Centaurea* L.

Cladanthus Cass., Bull. Soc. Philom. Paris 1816. 199. 1816

T. *C. arabicus* (L.) Cass. (Morocco)

Sp. 1, Spain, NW Afr.

M.

Tr. *Anthemideae*

Cladochaeta DC., Prodr. 6: 245. 1878 (- *Helichrysum* Mill. corr. Pers)

T. *C. candidissima* (M. Bieb.) DC. (Caucasus)

Sp. 2, Caucasus

M.

Tr. *Inuleae*

Cladopogon Sch. Bip. ex Lehm. & Otto, [Ind. Sem. Hort. Bot. Hamb. 1852. &

1853] & Ann. Sc. Nat. sér. 3, 19: 359. 1853

T. *C. aurantiacum* Lehm. & Otto (cult.)

= *Senecio* L. sens. lat.

Cladoseris (Less.) Spach, Hist. Nat. Veg. Pahn. 10: 35. 1841 nom. illegit.

superfl. ≡ *Chaetochlaena* D. Don = *Onoseris* DC.

Clairvillea DC., Prodr. 5: 636. 1836 nom. illegit., non Hegetschw. 1826

T. *C. quinquenervia* DC. (? Peru)

= *Cacosmia* Kunth

Claotrachelus Zoll. & Moritz. ex Zoll., Natuur. Geneesk. Arch. Neerl. Indie 2:

267, 565. 1845

T. *C. rupestris* Zoll. & Moritz. ex Zoll. (Java)

= *Vernonia* Schreb. sens. lat.

Clappia A. Gray in J. Torrey, Rep. U.S. Mex. Bound. Surv., Bot. Bound. 93. 1859

T. C. suadifolia A. Gray (Mex.)

Sp. 2, S U.S.A., Mex.

M.

Tr. *Heliantheae*

Clariona Lag. ex DC. orth. mut. Spreng., Syst. 3: 50. 1826 orth. var. ≡ *Clarionea* Lag. ex DC. ≡ *Perezia* Lag.

Clarionea Lag. ex DC., Ann. Mus. Hist. Nat. 19: 65. 1812 nom. illegit. superfl. ≡ *Perezia* Lag.

(**Clarionella** DC. ex Steud. Nom. ed. 2, 1: 377. 1840 nom. nud.)

Clarionema Lag. ex DC. orth. mut. Phil., Linnaea 28: 717. 1856 orth. var. (sphalm.) ≡ *Clarionea* Lag. ex DC. ≡ *Perezia* Lag.

Clarionia Lag. ex DC. orth. mut. D. Don, Trans. Linn. Soc. 16: 204. 1830 orth. var. ≡ *Clarionea* Lag. ex DC.

Clarionen Lag. ex DC. orth. mut. Steud., Nom. ed. 2, 1: 377. 1840 orth. var. (sphalm.) ≡ *Clarionea* Lag. ex DC. ≡ *Perezia* Lag.

Clavena DC., Prodr. 6: 623. 1838

T. C. canariensis DC. (Canary Is.)

= *Carduus* L.

Clavigera DC., Prodr. 5: 127. 1836

T. C. corymbosa DC. (Mex.)

= *Brickellia* Ell.

Cleanthes D. Don., Trans. Linn. Soc. 16: 194. 1830

T. C. brasiliensis (L.) D. Don (Brazil)

= *Trixis* P. Br.

Cleistanthium G. Kunze, Bot. Zeit. (Berlin) 9: 350. 1851

T. C. nepalense G. Kunze (Nepal)

= *Gerbera* L.

Cleithria Schrad. orth. mut. Steud., Nom. ed. 2, 1: 378. 1840 orth. var. (sphalm. 'Cheithria') ≡ *Cleitria* Schrad. = *Arctotis* L.

Cleitria Schrad., Ind. Sem. Hort. Goett. 1831. 2. 1831

T. C. hirta Schrad. (S Afr., Cape Prov.)

= *Arctotis* L.

Clibadium Allem. ex L., Mant. Pl. Alt. 161, 294. 1771

T. C. surinamense L. (Suriname)

Sp. 40, neotrop.

M.

Tr. *Heliantheae*

Clipteria Rafin., New Fl. N. Amer. 2: 44. 1837

T. C. dichotoma Rafin. (Tennessee)

= *Eclipta* L.

(**Clistanthium** G. Kunze orth. mut. Post & Kuntze, Lex. 130. 1903 orth. var. in syn. ≡ *Cleistanthium* G. Kunze = *Gerbera* L.)

(**Clithria** Schrad. orth. mut. Post & Kuntze, Lex. 131. 1903 orth. var. in syn. ≡ *Cleitria* Schrad. ≡ *Arctotis* L.)

Cloiselia S. Moore, Journ. Bot. 44: 148. 1906

T. C. carbonaria S. Moore (Madag.)

= *Dicoma* Cass.

Clomenium Adans., Fam. 2: 116, 540. 1763

T. "*Cirsium Aegypt. annuum*"

= *Carduus* L.

Clomenocoma Cass., Bull. Soc. Philom. Paris 1816: 199. 1816

T. C. aurantia Cass. (origin unknown)

= *Adenophyllum* Pers. (- *Dyssodia* Cav.)

(**Clomenolepis** Cass., Dict. Sc. Nat. 3, Suppl. 64. 1816 nom. nud.)

Closia Remy in C. Gay, Hist. Chile Bot. 4: 119, t. 46, f. 2. 1849

T. C. cotula Remy (Chile)

= *Perityle* Benth.

(**Closirospermum** Neck., Elem. 1: 54. 1790 nom. non rite public.)

Clybatis Phil., [Anales Univ. Chile 41: 742. 1872]

T. *C. volkmanii* Phil. (Chile)

= *Leucheria* Lag.

(**Cnenamum** Tausch., Flora 11, 1, Eeg. 80. 1828 in syn.)

Cnicothamnus Griseb., Abh. Königl. Ges. Wiss. Götting. 19: 196. 1874

T. *C. lorentzii* Griseb. (Argent.)

Sp. 2, Boliv., Argent.

M.

Tr. *Mutisieae*

Cnicus L., Sp. Pl. 826. 1753 & Gen. Pl. ed. 5, 1754 nom. cons.

T. *C. benedictus* L. (Medit.)

Sp. 1, Medit., SW Asia

M.

Tr. *Cardueae*

Codonocephalum Fenzl, Flora 26: 397. 1843 (- *Inula* L.)

T. *C. inuloides* Fenzl. (Iraq)

Sp. 4, Iraq to C Asia

M.

Tr. *Inuleae*

Coelestina Cass., Bull. Soc. Phil. Paris 1817: 10. 1817 nom. illegit., non Hill
1761

T. *C. caerulea* Cass. (cult.)

= *Ageratum* L.

Coelestina Hill, Veg. Syst. 2: 60**. 1761

T. "oval-leaved sky-flower" (S Afr.)

= *Felicia* Cass. nom. cons.

Coelestinia Cass. orth. mut. Endl., Gen. 366. 1837 orth. var. ≡ *Coelestina* Cass.

= *Ageratum* L.

(**Coenogyne** Less. orth. mut. Post & Kuntze, Lex. 134. 1903 orth. var. in syn. ≡

Coinogyne Less. = *Jaumea* Pers.)

Coespeletia Cuatrec., Phytologia 35: 54. 1976

T. *Espeletia pittieri* Cuatrec. (Venez.)

Sp. 8, Venez.

M.

Tr. *Heliantheae*

Coinogyne Less., Linnaea 6: 520. 1831

T. *C. carnosa* Less. (Calif.)

= *Jaumea* Pers.

Coleocoma F. Muell. in Hook., Journ. Bot. Kew Gard. Misc. 9: 19. 1857

T. *C. centaurea* F. Muell. (Austral., N. T.)

Sp. 1, Austral (N. T.)

M.

Tr. *Inuleae*

Coleosanthus Cass., Bull. Soc. Philom. Paris 1817: 67. 1817 nom. rejic.

T. *C. cavanillesii* Cass. (Mex.)

= *Brickellia* Ell. nom. cons.

Coleostephus Cass., Dict. Sc. Nat. 41: 43. 1826

T. *C. myconis* (L.) Reichb. (Medit.)

Sp. 2, W Eur., N Afr.

M.

Tr. *Anthemideae*

Collaea Spreng., Syst. Veg. 3: 622. 1826 nom. illegit. superfl. ≡ *Chrysanthellum*

L. C. Rich. ex Pers.

(*Collomia* Sieb. ex Steud., Nom. ed. 2, 1: 398. 1840 nom. nud.)

Colobanthera Humb., Mém. Soc. Linn. Norm. 25: 35, 281. 1923

T. *C. waterlotii* Humb. (Madag.)

Sp. 1, Madag.

M.

Tr. *Astereae*

Colobium Roth in Reom., [Arch. Bot. (Leipzig) 1 (1): 76. 1796]

T. *C. hirtum* (L.) Roth & *C. hispidum* Roth (Medit., syntypes)

= *Leontodon* L.

Colobogyne Gagnep., Not. Syst. (Paris) 4: 15. 1920

T. *C. langbianensis* Gagnep. (Vietnam)

= *Acmella* L. C. Rich. ex Pers. (- *Spilanthes* L.)

(*Colonnea* Buchoz orth. mut. Endl., Gen. 421. 1838 in syn. = *Calonnea* Buchoz
= *Gaillardia* Foug.)

Columellea Jacq., Pl. Rev. Hort. Schoenbr. 3: 28, t. 301. 1798 nom. illegit.
superfl. ≡ *Nestlera* Spreng.

Colymbada Hill, Veg. Syst. 4: 31. 1762

T. *Centaurea centauroides* L., *C. sicula* L., *C. collina* L. (Medit., syntypes)

= *Centaurea* L.

Comaclinium Schweidw. & Planch., Fl. Serres Jard. Eur. 8, 19, t. 756. 1852

T. *C. aurantiacum* Schweidw. & Planch. (cult.)

Sp. 1, C Amer.

Tr. *Heliantheae*

Commidendron Burch. ex DC. orth. mut. Lem. in Orbigny, [Dict. Univ. Hist.
Nat. 4: 147. 1844] orth. var. ≡ *Commidendrum* Burch. ex DC.

Commidendrum Burch. ex DC. Arch. Bot. (Paris) 2: 334. 1833

T. 5 syntype species (St. Helena), see DC., l.c.

Sp. 4, St. Helena

M.

Tr. *Astereae*

Comptonanthus B. Nord., Journ. S. Afr. Bot. 30: 54: 1964

T. *C. molluginoides* (DC.) B. Nord. (S Afr.)

= *Ifloga* Cass.

Conanthodium A. Gray in Hook., Journ. Bot. Kew Gard. Misc. 4: 272. 1852

T. *C. drummondii* A. Gray (SW Austral.)

= *Helichrysum* Mill. corr. Pers. sens. lat.

Condylidium R. M. King & H. Robins., Phytologia 24: 380. 1972

T. *Eupatorium iresinoides* Kunth (Colombia)

Sp. 2, trop. Amer.

M.

Tr. *Eupatorieae*

Condylopodium R. M. King & H. Robins., Phytologia 24: 397. 1972

T. *Eupatorium fuliginosum* Kunth (Colombia)

Sp. 4, Colombia

M.

Tr. *Eupatorieae*

Conforata Fourr., [Ann. Soc. Linn. Lyon N.S. 17: 91. 1869]

T. *C. ageratum* (L.) Fourr. (Medit.)

= *Achillea* L.

Coniothele DC., Prodr. 5: 531. 1836

T. *C. californica* DC. (Calif.)

= *Blennosperma* Less.

(**Conisa** Desf. ex Steud., Nom. ed. 2, 1. 404. 1840 in syn.)

Coniza L. orth. mut. Neck., [Del. Gallo-Belg. 2: 348. 1786] orth. var. = *Conyza*

L. = *Inula* L.

Conocliniopsis R. M. King & H. Robins., Phytologia 23: 308. 1972

T. *C. prasiifolia* (DC.) R. M. King & H. Robins. (S Amer.)

Sp. 1, S Amer.

M.

Tr. *Eupatorieae*

Conoclinium DC., Prodr. 5: 135. 1836

T. *C. coelestinum* (L.) DC. (E U.S.A.)

Sp. 3, E U.S.A., Mex.

M.

Tr. *Eupatorieae*

Conophora (DC.) Nieuwl., Amer. Midl. Nat. 3: 193. 1914

T. *Cacalia atriplicifolia* L. (E North Amer.)

= *Arnoglossum* Rafin.

Contarena Adans., Fam. 2: 120, 543. 1763 nom. illegit. superfl. = *Corymbium*

L.

Conyza L. orth. mut. Adans., Fam. 2. 122, 543. 1763 orth. var. = *Conyza* L. =

Inula L.

Conyza L., Sp. Pl. 861. 1753. & Gen. Pl. ed. 5, 370. 1754 nom. rejic. illegit.
T. *C. squarrosa* L. (Eur.)
= *Inula* L.

Conyza Less., Syn. Comp. 203. 1832 nom. cons.
T. *C. chilensis* Spreng. (Chile)
Sp. 50, pantrop. & subtrop.
M.
Tr. *Astereae*

Conyzanthus Tamansch. in Schischkin, Fl. U.R.S.S. 25: 583. 1959
T. *Conyza graminifolia* Spreng. (S Amer.)
= *Aster* L.

Conyzella Fabr., Enum. 86. 1759
T. *Conyza canadensis* (L.) Cronq. (N Amer.)
= *Conyza* Less.

Conyzoides Fabr., Enum. 85. 1759 nom. illegit. superfl. ≡ *Erigeron* L.

(**Conyzoides** DC., Prodr. 6: 281. 1838 in syn.)

Coreocarpus Benth., Bot. Voy. Sulphur 28. t. 16. 1844
T. *C. parthenioides* Benth. (Calif.)
Sp. 10, Calif., NW Mex.
M. Sherff & Alexander in N. Amer. Fl. 51a, 2, 2, 1-190. 1955
Tr. *Heliantheae*

Coreopsis L., Sp. Pl. 907. 1753 & Gen. Pl. ed. 5, 388. 1754 (- *Bidens* L.)
T. *C. lanceolata* L. (Carolina)
Sp. 50, New World
M.
Tr. *Heliantheae*

Coreopsoides Moench, Meth. 594. 1794 nom. illegit. superfl. ≡ *Coreopsis* L.

Corethamnium R. M. King & H. Robins., Phytologia 39: 55. 1978
T. *C. chocoensis* R. M. King & H. Robins. (Colombia)
Sp. 1, Colombia
M.
Tr. *Eupatorieae*

Corethrogyne DC. orth. mut. Post & Kuntze, Lex. 142. 1903 orth. var. =
Corethrogyne DC.

Corethrogyne DC., Prodr. 5: 215. 1836

T. C. californica DC. (Calif.)

Sp. 3, Calif.

M.

Tr. *Astereae*

(**Coriocarpus** Benth. orth. mut. Post & Kuntze, Lex. 142. 1903 orth. var. in syn.
= *Coreocarpus* Benth.)

Coriopsis L. orth. mut. Post & Kuntze, Lex. 147. 1903 orth. var. = *Coreopsis* L.
(- *Bidens* L.)

Coronocarpus Schumach. in Schumach. & Thonn., Beskr. Guinea Pl. 393.
1827.

T. C. helianthoides Schumach. (Ghana)

= *Aspilia* Thou.

Coropsis L. orth. mut. Adans., Fam. 130, 544. 1763 orth. var. = *Coreopsis* L.
- *Bidens* L.

Correllia A. M. Powell, Brittonia 25: 116. 1973

T. C. montana A. M. Powell (Mex.)

Sp. 1, Mex.

M.

Tr. *Heliantheae*

Corvisartia Merat, Nouv. Fl. Env. Paris 328. 1812 nom. illegit. superfl.
= *Inula* L.

Corymbium L., Sp. Pl. 928. 1753 & Gen. Pl., ed. 5, 400. 1754

T. C. africanum L. (S Afr., Cape Prov.)

Sp. 17, S Afr.

M.

Tr. *Vernonieae*

Corynanthelium G. Kunze, Linnaea 20: 19. 1847

T. C. moronoa G. Kunze (cult.)

= *Mikania* Willd.

Cosmea L. orth. mut. Willd., Sp. Pl. 3: 2250. 1803 orth. var. = *Cosmos* L.
- *Bidens* L.

Cosmidium Nutt., Trans. Amer. Philos. Soc. ser. 2, 7: 361. 1841
T. *C. filifolium* (Hook.) Nutt. (Texas)
= *Thelesperma* Less.

Cosmophyllum Koch, Ind. Sem. Hort. Berol. 1854: 12. 1855
T. *C. cacaliifolium* Koch & Bouche (Guatem.)
= *Podachaenium* Benth.

Cosmos Cav., Icon. 1: 9, t. 14. 1791 (- *Bidens* L.)
T. *C. bipinnatifidus* Cav. (Mex.)
Sp. 26, New World
M.
Tr. *Heliantheae*

Cota J. Gay ex Guss., Fl. Siculae Syn. 2: 866. 1845
T. *Anthemis tinctoria* L. (Eur.)
= *Anthemis* L.

Cotula L., Sp. Pl. 891. 1753 & Gen. Pl., ed. 5, 380. 1754
T. *C. coronopifolia* L. (S Afr.)
Sp. 80, S Asia, Afr., Australasia, Madag., S Amer., subantarctic islands
M.
Tr. *Anthemideae*

Cotulina Pomel, Nouv. Mater. Fl. Atl. 56: 1874 nom. illegit. superfl. =
Cenocline Koch = *Matricaria* L.

(**Cotylina** Pomel orth. mut. Post & Kuntze, Lex. 145. 1903 in syn. = *Cotulina*
Pomel = *Cenocline* Koch = *Matricaria* L.)

Coulterella Vasey & Rose, Contrib. U.S. Nut. Herb. 1: 71. 1890
T. *C. capitata* Vasey & Rose (Baja Calif.)
Sp. 1, Baja Calif.
M.
Tr. *Heliantheae*

Courrantia Sch. Bip. in Webb. & Berth., Hist. Nat. Iles. Canar. 3 (2, 2): 276. 1844

T. *Matricaria courrantia* DC. (Tenerife)
= *Matricaria* L.

Cousinia Cass., Dict. Sc. Nat. 47: 503. 1817

T. *Carduus orientalis* Adam (Georgia, Caucasus)

Sp. 580, SW & C Asia

M.

Tr. *Cardueae*

Cousiniopsis Nevski, Trudy Bot. Inst. Akad. Nauk. S.S.R., Ser. 1, Fl. Sist. Vyssh. Rast. 4: 288. 1937

T. *C. atractyloides* (Wink.) Nevski (Tadzhikistan)

Sp. 1, C Asia

M.

Tr. *Cardueae*

Crantzia Vell., Fl. Flum. 8, t. 153. 1835 nom. illegit., non Scop. 1777

T. *C. ovata* Vell. (Brazil)

= *Centratherum* Cass.

Craspedia Forst. f., Fl. Ins. Austral. Prodr. 58. 1786

T. *C. uniflora* Forst. f. (New Zeal.)

Sp. 6, Austral., Tasman., New Zeal.

M.

Tr. *Inuleae*

[**Crassina** Shchepin, De Acido Veg. 42. 1759] nom. rejec. ≡ *Zinnia* L.

Crassocephalum Moench, Meth. 516. 1794 nom. rejic. legit.

T. *C. cernuum* Moench nom. illegit. (= *C. rubens* (Linn. f.) S. Moore) (cult.)

Sp. 30, trop. Afr., Madag.

M.

Tr. *Senecioneae*

Cratystylis S. Moore, Journ. Bot. 43: 138. 1905

T. *C. conocephala* (F. Muell.) S. Moore (Austral.)

Sp. 3, Austral.

M.

Tr. *Inuleae*

Cremanthodium Benth. in Hook., Ic. Pl. 12: 37, t. 1141. 1873

T. *C. reniforme* (DC.) Benth. (Himal.)

Sp. 60, China, Himal.

M.

Tr. *Senecioneae*

Cremonocephalum Cass. orth. mut. Miq., Fl. Ind. Bat. 2: 97. 1856 orth. var. =

Cremonocephalum Cass. = *Crassocephalum* Moench

Cremonocephalum Cass., Dict. Sc. Mat. 34. 390. 1825 nom. illegit. superfl. =

Crassocephalum Moench

Crenamon Rafin., New Fl. 4: 86. 1838 nom. illegit.

T. *C. pectinatum* Rafin. (N Carolina)

? = *Leontodon* L.

Crenamon Adans., Fam. 2: 112, 545. 1763 nom. illegit. superfl. =

Helminthotheca Zinn. - *Picris* L.

Crepidiastrum Nakai, Bot. Mag. (Tokyo) 34: 147. 1920

T. 4 syntypes, E Asia

Sp 7, E Asia

M.

Tr. *Lactuceae*

(**Crepidispermum** E. M. Fries, Epicris. Hierac. 153. 1862 nom. provis.)

Crepidium Tausch., Flora 11, Erg. 80. 1828 nom. illegit., non Bl. 1825

T. *Crepis aspera* L. (SW Asia, Medit.)

= *Crepis* L.

Crepidopsis Arv. - Touv., Annuaire Conserv. Jard. Bot. Genève 1: 105, t. 1. 1897 (- *Hieracium* L.)

T. *C. mexicana* Arv. - Touv. (Mex.)

Sp. 1, Mex.

M.

Tr. *Lactuceae*

(**Crepidosperrum** E. M. Fries orth. mut. Benth. in Benth. & Hook. f., Gen. Pl. 2: 517. 1873 orth. var. in syn.)

(**Crepinia** Reichb. in Moessl., Handb. ed. 2, 2: 1415. 1828 in syn.)

Crepis L., Sp. Pl. 805. 1753 & Gen. Pl. ed. 5, 350. 1754

T. *C. biennis* L. (Eur.)

Sp. 200, N temp., trop. & S Afr.

M.

Tr. *Lactuceae*

Crepula J. Hill, Veg. Syst. 4: 9. 1762

T. *Cnicus spinosissimus* L. (C Eur.)

= *Cirsium* Mill.

Crinissa (D. Don ex DC.) Reichb., Deutsche Bot. 1 Nom. 95. 1841 ≡

Pyrrhopappus DC.

Crinita Moench, Meth. 578. 1794 nom. illegit., non Houtt. 1777

T. *C. punctata* Moench (cult.)

? = *Galatella* Cass. - *Aster* L.

Crinitaria Cass., Dict. Sc. Nat. 37: 460. 1825

T. *Conyza oleifolia* Lam. (Armenia)

= *Linosyris* Cass. - *Aster* L.

Critonadelphus R. M. King & H. Robins., Phytologia 22: 52. 1971

T. *Eupatorium nubigenum* Benth. (Guatem.)

Sp. 2, Mex., C Amer.

M.

Tr. *Eupatorieae*

Critonella R. M. King & H. Robins., Phytologia 30: 284. 1975

T. *Eupatorium acuminatum* Kunth (Colombia)

Sp. 5, Colombia, Venez.

M.

Tr. *Eupatorieae*

Critonia P. Br., Civ. Nat. Hist. Jam. 490 (errata), 314. 1756

T. *C. dalea* (L.) DC. (Jamaica)

Sp. 33, W Indies, Mex., C & S Amer.

M. King & Robinson in Phytologia 22: 46-51. 1971 (list)

Tr. *Eupatorieae*

Critoniopsis Sch. Bip., Jahresber. Pollichia 20-21: 430. 1867 (- *Vernonia* Schreb.)

T. C. lindenii Sch. Bip. (Colombia)

Sp. 26, S Amer.

M. Robinson in Phytologia 46: 437-447. 1980

Tr. *Vernonieae*

Crocidium Hook., Fl. Boreal - Amer. 1, t. 118. 1833 & 355. 1834

T. C. multicaule Hook. (NW U.S.A.)

Sp. 2, NW North Amer.

M.

Tr. uncertain, ? *Heliantheae*/*Senecioneae*

Crociseris (Reichb.) Fourr., [Ann. Soc. Linn. Lyon sér. 2, 16: 404. 1861]

T. S. arachnoideus (Reichb.) Sieb. ex DC. (Italy)

= *Senecio* L. sens. lat.

Crockeria Greene ex A. Gray, Syn. Fl. N. Amer. (1) 2: 72, 445. 1884

T. C. chrysantha Greene ex A. Gray

= *Lasthenia* Cass.

Crocodilina Bub., Fl. Pyrenaea 2: 171. 1899 nom. illegit. superfl. ≡ *Atractylis* L.

Crocodylium Hill, Veg. Syst. 4: 22. 1762

T. Centaurea crocodylium L. (SW Asia)

= *Centaurea* L.

Crocodilodes Adans., Fam. 2: 127. 545. 1763 nom. illegit. superfl. ≡ *Berkheya*

Ehrb.

Crocodyloides Adans., orth. mut. B. D. Jacks., Ind. Kew 1: 644. 1894 orth. var.

≡ *Crocodilodes* Adans. ≡ *Berkheya* Ehrh.

Crocodylium Hill, orth. mut. Hill. Hort. Kew. 63: 1768 orth. var. ≡ *Crocodylium*

Hill. = *Centaurea* L.

(*Crodisperma* Poit. ex Cass., Dict. Sc. Nat. 40: 398 in syn.)

Cronquistia R. M. King, *Brittonia* 20: 11. 1968

T. *Stevia pringlei* S. Wats. (Mex.)

Sp. 1, Mex.

M.

Tr. *Eupatorieae*

Cronquistianthus R. M. King & H. Robins., *Phytologia* 23: 410. 1972

T. *Eupatorium niveum* Kunth (Colombia)

Sp. 16, Andes, Colombia to Peru

M.

Tr. *Eupatorieae*

Croptilon Rafin., *Fl. Tellur.* 2: 47. 1837

T. *C. divaricatum* Rafin. (Florida)

Sp. 5, S U.S.A., Mex.

M. Smith in *Sida* 9: 59-63. 1951

Tr. *Astereae*

Crossolepis Less., *Syn. Comp.* 270. 1832

T. *C. linifolia* Less. (Austral.)

= *Gnephosis* Cass.

Crossostephium Less., *Linnæa* 6: 220. 1831

T. *C. artemisioides* Less. (China, Phillipines)

Sp. 1, E Asia

M.

Tr. *Anthemideae*

Crossothamnus R. M. King & H. Robins., *Phytologia* 24: 77. 1972

T. *Eupatorium weberbaueri* Harms (Peru)

Sp. 1, Peru

M.

Tr. *Eupatorieae*

(**Crupina** Fabr., *Enum. Methr. Pl.* 193. 1759 nom. nud.)

Crupina (Pers.) DC., *Ann. Mus. Natl. Hist. Nat.* 16: 157. 1810

T. *Centaurea crupina* L. (S Eur.)

Sp. 3, Medit., SW Asia

M.

Tr. *Cardueae*

(**Crupinastrum** Schur., [Ber. Bot. Rundsch. 37. 1853] ex Enum. Pl. Transs. 411: 1866 in syn.)

Cryphiospermum P. Beauv., Fl. Oware 2: 24, t. 74. 1810

Tr. *C. repens* P. Beauv. (Nigeria)

= *Enydra* Lour.

Cryptadia Lindl. ex Endl., Gen. 1381. 1841

T. C. sephratensis Lindl. (SW Asia)

= *Gymnarrhena* Desf.

Cryptodia Lindl. ex Endl. orth. mut. Sch. Bip. in Walp., Repert. 2: 955. 1843

orth. var. ≡ *Cryptadia* Lindl. ex Endl. = *Gymnarrhena* Desf.

Cryptogyne Cass., Dict. 50: 491. 1827 nom. rejic. non Hook. f. in Hook. 1876 nom. cons.

T. C. absinthoides Cass. (S Afr.)

= *Eriocephalus* L.

Cryptopetalon Cass., Bull. Soc. Philom. Paris 1817: 12. 1817

T. C. ciliare Cass. (Peru)

= *Pectis* L.

Cryptopleura Nutt., Trans. Amer. Philos. Soc. ser. 2, 7: 431. 1841

T. C. californica Nutt. (Calif.)

= *Agoseris* Rafin.

Cryptostemma R. Br. in Ait. & Ait. f., Hort. Kew. ed: 2, 5: 141. 1813

T. Arctotheca calendula (L.) Levyns (S Afr.)

= *Arctotheca* Wendl.

(**Cryptostephane** Sch. Bip., Flora 27: 782. 1844 in syn.)

Crystallopollen Steetz in Peters, Naturwiss. Reise 6 (Bot.) 363. 1864

T. C. latifolia Steetz & *C. angustifolia* Steetz (syntypes, Mozambique)

= *Vernonia* Schreb. sens. lat.

Ctenosperma Hook. f., Lond. Journ. Bot. 6: 115. 1847

T. C. alpinum Hook. f. (New Zeal.)

= *Cotula* L.

(**Ctenosperma** F. Muell. ex Pfeiff., Nom. 1: 336. 1874 in syn.)

Cuchumatanea Seidenschnur & Beaman, *Rhodora* 68: 139. 1966

T. C. steyermarkii Seidenschnur & Beaman (Guatem.)

Sp. 1, Guatem.

M.

Tr. *Heliantheae*

Culcitium Bonpl. in. Humb. & Bonpl., *Pl. Aeguat.* 2: 1, t. 66, 67. 1808

T. T. rufescens Bonpl. (Peru)

Sp. 15, Andes, Venez. to Chile

M.

Tr. *Senecioneae*

Cullumia R. Br. in Ait. & Ait. f., *Hort. Kew.* ed. 2, 5: 137. 1813

T. C. ciliaris (L.) R. Br. (S Afr.)

Sp. 15, S Afr.

M. Roessler in *Mitt. Bot. Staatss. München* 3: 271-304. 1959

Tr. *Arctoteae*

Cullumiopsis Drake, *Bull. Mus. Hist. Nat. Paris* 5: 103. 1899

T. C. grandidieri Drake (Madag.)

= *Dicoma* Cass.

Cunigunda Bub., *Fl. Pyrenaea* 2: 273. 1899 nom. illegit. superfl. = *Eupatorium*

L.

Cupidone [Lem. in *Orbigny, Dict. Univ. Hist. Nat.* 4: 464. 1849] = *Catananche*

L.

Cupidonia Bub., *Fl. Pyrenaea* 2: 47. 1899 nom. illegit. superfl. = *Catananche* L.

Cupularia Godr. & Gren. ex Godr. in Gren. & Godr., *Fl. France* 2: 180. 1851,

non Link 1833, nom. illegit. = *Dittrichia* W. Greut. - *Inula* L.

Cursonia Nutt., *Trans. Amer. Philos. Soc. ser. 2*, 7: 422. 1841

T. T. peruviana Nutt. (Peru)

= *Onoseris* DC.

Cuspidia Gaertn., *Fruct.* 2: 454, t. 171. 1791

T. C. araneosa Gaertn. nom. illegit. (= *Gorteria cernua* Linn. f.) (S Afr.)

Sp. 1, S Afr.

M. Roessler in *Mitt. Bot. Staatss. München* 3: 315-319. 1959

Tr. *Arctoteae*

Cyananthus Rafin., [Anal. Nat. 192. 1815] ≡ *Cyanus* Mill. - *Centaurea* L.

Cyanastrum Cass., Dict. Sc. Nat. 44: 36. 1820 nom. alt. ≡ *Cyanopsis* Cass.
- *Volutaria* Cass.

Cyanopsis Bl. [Fl. Jav. Praef. 6. 1828] ex DC., Prodr. 5: 64. 1836 nom. illegit.
superfl. ≡ *Cyanthillium* Bl. = *Vernonia* L. sens. lat.

(**Cyanopsis** Cass. orth. mut. Steud., Nom., ed. 2, 1: 74. 1840 orth. var. in syn. ≡
Cyanopsis Cass.)

Cyanopsis Cass., Bull. Soc. Philom. Paris 1816: 200. 1816

T. *Centaurea pubigera* Pers. (Medit.)

Sp. 1, Spain, NW Afr.

M.

Tr. *Cardueae*

Cyanopsis Bl. orth. mut. Endl., Ench. 232. 1841 orth. var. ≡ *Cyanopsis* Bl. ≡
Cyanthillium Bl. = *Vernonia* L. sens. lat.

Cyanoseris (W.D.J. Koch) Schur, [Verh. Mitth. Siebenbürg - Vereins Naturwiss.
Hermannstad, t. 4, Suppl. 43. 1853]

T. *Lactuca perennis* L. (Eur.)

= *Lactuca* L.

Cyanthillium Bl., Bidjr. 889. 1826

T. 3 syntypes (Java, Moluccas)

= *Vernonia* Schreb. sens. lat.

Cyanus Mill., Gard. Dict. Abridg., ed. 4. 1754 (- *Centaurea* L.)

T. *Centaurea cyanus* L. (Eur.)

Sp. 22, Eur., Medit., SW Asia

M.

Tr. *Cardueae*

Cyathidium Lindl. ex Royle, Ill. Bot. Himal. 174, t. 56, f. 2. 1835 & 251. 1835

T. *C. taraxacifolium* Lindl. ex Royle (Himal.)

= *Saussurea* DC.

Cyathocephalum Nakai, Bot. Mag. Tokyo. 29: 11. 1915

T. *C. schmidtii* (Maxim.) Nakai (Ussuri)

= *Ligularia* Cass.

Cyathocline Cass., Ann. Sc. Nat. Paris 17: 419. 1829

T. C. lyrata Cass. (Burma)

Sp. 3, India, SE Asia

M. Fayed in Mitt. Bot. Staatss. München 15: 513-519. 1979

Tr. *Astereae*

Cyathomone S. F. Blake, Journ. Wash. Acad. Sc. 13: 105. 1923

T. C. sodieroi (Hiernon.) S. F. Blake

Sp. 1, Ecuad.

M.

Tr. *Heliantheae*

Cyathopappus F. Muell., Fragm. 2: 157. 1861

T. C. gnephosoides (F. Muell.) F. Muell. (Austral.)

= *Gnephosis* Cass.

Cyathopappus Sch. Bip., Jahresber. Pollichia 18-19: 183. 1861 nom. illegit.

T. Elytropappus cyathiformis DC. (S Afr.)

= *Elytropappus* Sch. Bip.

Cyclachaena Fresen., [Ind. Som. Hort. Frankfurt. 1836: 4] ex Schlechtendahl,

Linnaea 12, Litt. 78. 1838.

T. C. xanthifolia (Nutt.) Fresen. (C U.S.A.)

= *Iva* L.

Cyclochaena Fresen. orth. mut. Heyw., Harb. & Turner, Biol. Chem. Comp.

1161. 1977 orth. var. (sphalm.) ≡ *Cyclachaena* Fresen. = *Iva* L.

Cyclolepis Gillies ex D. Don, [Philos. Mag. 11: 392. 1832]

T. C. genistoides Gillies ex D. Don (Chile)

Sp. 1, temp. S Amer.

M.

Tr. *Mutisieae*

(**Cyclolepis** Gillies ex D. Don orth. mut. Endl., Gen. Suppl. 1, 1385. 1841 orth.

var. in syn. ≡ *Cyclolepis* Gillies ex D. Don

(**Cyclopappus** Cass. ex Sch. Bip in Walp., Rep. 2. 952. 1843 nom. nud.)

Cyclopis Gillies ex D. Don orth. mut. Guill., Arch. Bot. 2: 468. 1833 orth. var.

(sphalm.) ≡ *Cyclolepis* Gillies ex D. Don.

Cycnosoris Endl., Bot. Zeit. (Berlin) 1: 458. 1843

T. C. australis Endl. (W Austral.)

= *Hypochoeris* L.

Cylindrachne Cass. orth. mut. Reichb., Consp. 106. 1828 orth. var. (sphalm.) =
Cylindrocline Cass.

Cylindrocline Cass., Bull. Soc. Philom. Paris 1817: 11. 1817

T. C. commersonii Cass. (Maurit.)

Sp. 1, Maurit.

M.

Tr. *Inuleae*

Cylindrosorus Benth. in Endl. et al., Enum. Pl. Hügel 62. 1837

T. C. flavescens Benth. (W Austral.)

= *Angianthus* Wendl.

(**Cymapleura** Nutt. orth. mut. Post & Kuntze, Lex. 157. 1903 in syn. =

Kymapleura Nutt. = *Agoseris* Rafin.)

Cymbaecarpa Cav., [Elench. Pl. Hort. Matrit. 13. 1803]

T. C. auriculata (L.) Cav. (Virginia)

= *Coreopsis* L.

Cymbia Standl., Contrib. U.S. Nat. Herb. 13: 354. 1911

T. C. occidentalis (Nutt.) Standl. (Arkansas)

= *Krigia* Schreb.

Cymbolaena Smoljan., Bot. Met. Gerb. Bot. Inst. Komarov Akad. Nauk.
S.S.S.R., xvii: 452. 1955

T. Micropus longifolius Boiss. & Reut. ex Boiss. (SW Asia)

Sp. 1, SW Asia

M. Wagenitz in Österr. Bot. Zeitschr. 119: 399-403. 1971

Tr. *Inuleae*

Cymbonotus Cass., Dict. Sc. Nat. 35: 397. 1825

T. C. lawsonianus Gaudich. (Austral.)

Sp. 1, temp. Austral.

M.

Tr. *Arctoteae*

Cymbopappus B. Nord., Bot. Bot. 129: 150. 1976

T. *C. lasiopodus* (Hutch.) B. Nord. (= *C. piliferus* (Thell.) B. Nord.)

Sp. 3, S Afr.

M. Nordenstam in Bot. Not. 129: 150-157. 1976

Tr. *Anthemideae*

Cymboseris Boiss., Diag. Pl. Or. ser. 1, 2 (ii): 50. 1845

T. *C. palaestina* Boiss. (Syria)

= *Crepis* L.

Cymophora B. L. Robins., Proc. Amer. Acad. Arts 43: 39. 1907 (- *Tridax* L.)

T. *C. pringlei* B. L. Robins. (Mex.)

Sp. 4, Mex., Venez.

M. Turner & Powell in Madroño 24: 1-6. 1977 & Canne, op. cit. 190-191. 1977

Tr. *Heliantheae*

Cynara L., Sp. Pl. 827. 1753 & Gen. Pl. ed. 5, 359. 1754

T. *C. cardunculus* L. (Crete)

Sp. 10, Canary Is., Medit., SW Asia

M.

Tr. *Cardueae*

Cynarocephala [F. von Kerner, Verh. K.K. Geol. Reichsanst. 1916: 190. 1916]

T. *C. schubertii* F. von Kerner (Upper Tertiary, Yugoslavia)

Tr. uncertain; fossil

Cynaroides (Boiss. ex Walp.) Dostal, Act. Bot. Acad. Sc. Hung. 19 (1-4): 77.

1973 (- *Centaurea* L.)

T. *Centaurea regia* Boiss. (Syria)

Sp. 27, SE Eur., SW Asia

M.

Tr. *Cardueae*

Cynaropsis Kuntze in Post & Kuntze, Lex. 158. 1903

T. *C. gomerensis* Kuntze (Canary Is.)

= *Silybum* Adans.

Cynotis Hoffmgg., Verzeichniss Pfl. Nachtrag. 2: 98. 1826

T. *Arctotis hypochondriaca* Willd. (S Afr.)

= *Arctotheca* Wendl.

Cynthia D. Don., Edinb. New Philos. Journ. 6: 309. 1829 ≡ *Krigia* Schreb. 1791
nom. cons.

Cynura Cass. orth. mut. d'Orb., [Dict.] orth. var. (sphalm.) ≡ *Gynura* Cass.

(**Cyphadoena** Sch. Bip. ex O. Hoffm. orth. mut. Post & Kuntze, Lex. 159. 1903
orth. var. in syn. ≡ *Kyphadenia* Sch. Bip. ex. O. Hoffm. = *Chrysactinia* A. Gray)

Cypselites Heer [Fl. Tert. Helv. 3: 2. 1859]

T. not designated

Tr. uncertain; fossil

Cypselodontia DC., Prodr. 7: 286. 1838

T. *C. eckloniana* DC. (S Afr.)

= *Dicoma* Cass.

Cyrtolepis Less., Linnaea 6: 166. 1831

T. *C. monanthos* (L.) Less. (ex Egypt, cult.)

= *Anacyclus* L.

Cyttarium Peterm., Fl. Lips. Excurs. 608. 1838 nom. illegit. superfl. ≡

Antennaria L.

Additions and Corrections

Adenostyles Cass., Dict. Sc. Nat. 1, Suppl. 59. 1816 nom. illegit. superfl. (= *Cacalia* L.)

T. *Cacalia alpina* L. (Eur., Alps)

Sp. 3, C & S Eur.

M. Wagenitz in Phytion (Austria) 23: 141-159. 1983

Tr. *Senecioneae*

Ajania Poljak., Bot. Mat (Leningrad) 17: 419. 1955

T. *A. pallasiana* (Fisch. ex Bess.) Poljak.

Sp. 22, C & E Asia

M. Muldashev in Bot. Zhurn. 68: 207-214. 1983

Tr. *Anthemideae*

Allopterigeron Dunlop, Journ. Adelaide Bot. Gard. 3: 183. 1981

T. *A. filifolius* (F. Muell.) Dunlop (Austral., N. T.)

Sp. 1, N. T., Queensl.

M.

Tr. *Inuleae*

Angianthus Wendl., Collect. Pl. 2 (2): 31. 1808 nom. cons.

T. *A. tomentosus* Wendl. (New S Wales)

Sp. 15, Austral.

M. Short in Muelleria 5: 153-178. 1983

Tr. *Inuleae*

Antheropeas Rydb., N Amer. Fl. 34: 97. 1915

T. *A. wallacei* (A. Gray) Rydb. (Calif.)

Sp. 5., N Amer.

Tr. *Heliantheae*

Antheropeus Rydb. orth. mut. C. Jeffrey, Comp. Newsl. 13: 24 (1982) orth. var. (sphalm.) = *Antheropeas* Rydb.

Anvillea DC., Prodr. 5: 487. 1836

T. *A. garcinii* (Burm. f.) DC. (Iran)

Sp. 2, Morocco to Iran

M. Anderberg in Nordic Journ. Bot. 2: 297-305. 1982

Tr. *Inuleae*

Anvilleina Maire, Bull. Soc. Hist. Nat. Afr. Nord. 30: 346. 1939

T. A. *platycarpa* Maire (Morocco)

= *Anvillea* DC.

Asaemia (Harv.) Harv. ex Benth. in Benth. & Hook. f., Gen. Pl. 2 (1): 433. 1873

T. A. *axillaris* (Thunb.) Harv. ex O. Hoffm. (= *A. minuta* (Linn. f.) Bremer) (S Afr., Cape Prov.)

Sp. 1, S Afr.

M. Bremer in Nordic Journ. Bot. 3: 193-195. 1983

Tr. *Anthemideae*

Asteridea Lindl. in Edwards, Bot. Reg., 23, App. Swan River XXIV. 1839

T. A. *pulverentula* Lindl. (W Austral.)

Sp. 7, Austral.

M. Kroner in Mitt. Bot. Staatss. München 16: 129-145. 1980

Tr. *Inuleae*

Athanasia L., Sp. Pl. ed. 2, 1180. 1763 & Gen. Pl., ed. 6, 417. 1764

T. A. *crithmifolia* (L.) L. (cult.)

Sp. 40, S Afr.

M. Källersjö in Nordic J. Bot. 5: 530-533. 1985 publ. 1986 (list)

Tr. *Anthemideae*

Athrixia Ker-Gawl., Bot. Reg. 8, t. 681. 1823

T. A. *capensis* Ker-Gawl. (S Afr., Cape Prov.)

Sp. 14, trop. & S Afr., Madag.

M. Kroner in Mitt. Bot. Staatss. München 16: 46-101. 1980

Tr. *Inuleae*





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