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BOTANICAL GARDEN

*Arne A. Anderberg, Mia Ehn Salter &
Bertil Nordenstam:*

**Type material of the Asteraceae
in the Swedish Museum
of Natural History (S)**

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TYPE MATERIAL OF THE ASTERACEAE IN THE SWEDISH MUSEUM OF NATURAL HISTORY (S)

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Introduction

The Swedish Museum of Natural History has recently started the work of entering collection data into data bases. In the course of this work, type collections have gained special attention.

The register of Asteraceae types has now been brought to a point where data from all identified type specimens have been entered into the data base. The Department of Phanerogamic Botany keeps type material separate from the main collection, and the data base includes information of material kept in this type collection only. It must be pointed out in this context that many types are still to be found in the main collections, particularly among the older material. Indeed new types are continuously identified by members of the staff and by scientists who have had material on loan, or by visitors to the herbarium.

It should also be noted that type material in the Linnaean Herbarium (S-LINN) is not included at this stage. This important herbarium is subject to a special study by B. Nordenstam, and will be published separately.

Furthermore, types of apomictic taxa (*Hieracium*, *Taraxacum*) in the Scandinavian Herbarium are not listed here. They are very numerous and need special study.

Typification of Scandinavian *Taraxacum* taxa is under way and will be published elsewhere (Lundevall & Øllgaard, in prep.).

During the course of our work, we have been able to remove a number of specimens from the type herbarium which clearly did not qualify. Several specimens with nude names, or with unpublished "schedae" names were also removed. It is inevitable that more improvements can be made, and therefore we call upon our readers to submit suggestions of changes and improvements to Mia Ehn Salter (material from South and Central America, except Mexico), or Arne Anderberg (material from other parts of the world).

All data from the botanical type collections that have been registered so far have been released on the Internet, where they are available from the Swedish Museum of Natural History webserver <http://www.nrm.se/fbo/coll/types.html>.

In spite of the electronic publication, we believe that it is of interest to the scientific community to release a preliminary list of our type material of the Asteraceae in print.

List of type material

Basionyms are arranged in alphabetical order. Current names or tribal position are not included.

Type material of the Asteraceae in the Swedish Museum of Natural History (S).

Aaronsohnia factorowskyi Warb. & Eig

Palestine, env. of Dead Sea, Wadi Shukf to Wadi Sidar. Eig s. n., 24.III.1926. Syntype.

Abrotanella crassipes Skottsbo.

[Chile] Juan Fernandez, Masafuera, Los Inocentes, 1325-1400 m. Skottsberg & Skottsberg 502, 9.III.1917. Isolectotype.

Acanthospermum simile S. F. Blake

[Ecuador] prope Guayaquil. Spruce 6307. Isotype.

Achillea fusca Rydb.

USA, Washington, Mt. Paddo. Suksdorf 1606, 28.IX.1893. Type fragment and photograph.

Achillea pachycephala Rech. f.

Iran, Khorasan, Kopet-Dagh supra Kucan, 1500 m. Rechinger 1614, 14.VII.1937. Type.

Achillea subalpina Greene

USA, Central Colorado, Mt. Quarry. Baker 842, 20. VIII.1920. Type fragment and photograph.

Achnopogon steyermarkii Aristeg.

Venezuela, Estado Bolivar, Auyan-tepui. Steyermark 93512, 7.V.1964. Isotype.

Achyrocline capitata Baker

Brazil, Rio de Janeiro. Glaziov 5899. Lectotype. - (cf. *Chionolaena arbuscula* var. *hololeuca*) Brazil, Minas Geraes, Itatiaia. Glaziov 4843. Paratype.

Achyrocline citrina Griseb.

Argentina, Salta. Lorentz & Hieronymus s. n., III.1843. Type.

Achyrocline hochstetteri Sch. Bip.

Abyssinia [Ethiopia], in regione superiori et boreali montis Kubbi. Schimper 1058, 20.XI.1838. Syntype.

Achyrocline rugosa Gardner

Brazil, Prov. Minas Geraes. Gardner 4935. Type.

Achyrocline schimperi Sch. Bip.

Abyssinia [Ethiopia], in monte Scholoda (Plantae Adoenses). Schimper 393, 9.XI.1837. Type.

Achyrophorus araucanus Phil.

[Chile] Chillan. Philippi s. n. Type.

Achyrophorus elatus Wedd.

Bolivia, Larecaja, Sorata. Mandon 285, 1859-1860. Type.

Achyrophorus palustris Phil.

[Chile] Valdivia. Philippi s. n. Type.

Achyrophorus taraxacoides Walp.

Bolivia, Larecaja, Sorata. Mandon 295, III.1858. Type.

Acmella lundellii R. K. Jansen

British Honduras, Maskall Pine Ridge. Gentle 986, XII.1933. Isotype.

Actinella argentea A. Gray

USA, New Mexico [Plantae Novo Mexicanae]. Fendler 457, 1847. Type.

Actinella richardsonii Nutt. var. *floribunda* A. Gray

USA, New Mexico [Plantae Novo Mexicanae]. Fendler 460, 1847. Isotype.

Addisonia fiebrigii Hieron.

Bolivia, Camataqui, 2500 m. Fiebrig 3066, 9.II.1904. Type.

Adenachaena leptophylla DC.

[South Africa, Cape] Georg, Karroogegend zwischen Gouritzrivier und Langekloof. Ecklon & Zeyher 99.12., XII. Syntypes.

Adenachaena parvifolia DC.

[South Africa, Cape]. Ecklon & Zeyher 103.4., IV. Isotype.

Adenostemma fruticosum Gardner

Brazil, Goyaz. Gardner 4204. Type.

Adenostemma regnellii Sch. Bip.

[Brazil] Prov. Minas Geraes. Regnell I 200. Type.

Aequatorium asterotrichum B. Nord.

Ecuador, Prov. Napo, Lago Papallacta, c. 3300 m, 31.X.1955, Asplund 18263. Holotype.

***Agathaea barbata* DC.**

[South Africa] Bei Graaf Reynet, 3000-4000 ft., Drège. Isotype.

***Agathaea diffusa* DC.**

[South Africa] Draakensteenbergen, 3000-4000 ft., Drège [675], X. Isotype.

Agathaea hirta* DC. (see *Felicia aculeata* Grau)**Agathaea hispida* DC.**

[South Africa] Cape, Blaauwberg, 2000-3000 ft. Drège, XI. Type.

***Agathaea leiocarpa* DC.**

[South Africa] Cape, Draakensteensbergen, 3000-4000 ft. Drège, X. Holotype.

***Agathaea scabrida* DC.**

[South Africa] Hexriviersberg, 3000-4000 ft. Drège, IX. Isotype.

***Agathaea stricta* DC.**

[South Africa, Cape] Riebekkasteel, auf Hügeln under 1000 Fuss. Drège, Nov. Type.

***Agathaea tenera* DC.**

[South Africa, Cape] Kaus etc., 3000-4000 ft. Drège, IX, X. Isotype.

***Ageratum confertum* Baker**

[Brazil] Prov. Ceara. Gardner 1974. Type.

***Ageratum lundellii* R. M. King & H. Robinson**

Guatemala, Dept. of Peten, Tikal National Park, Bajo de Santa Fe, Salida de Arrayo Corriental. Contreras 471, 18.I.1960. Paratype.

***Ageratum muticum* Griseb.**

Cuba. Wright 1631, 1860-1864. Type.

***Ainsliaea foliosa* Hand.-Mazz.**

China, Sikang, between Taining (Ngata) and Taofu (Dawo), Sunglingku, 3700 m. Smith 12120, 13.IX.1934. Cotype.

***Albertinia brasiliensis* Spreng.**

Brazil. Freyreis s. n. Type.

***Alcantara isabellae* Glaz.**

Brazil, Goyaz, Serra da Baliza. Glaziou 21668. Isotype.

***Alcantara petroana* Glaz.**

Brazil, Goyaz, Chapadao dos Veadeinos. Glaziou 21667. Type.

Alomia angustata Benth.

[Brazil] Prov. Goyaz. Gardner 3809. Type.

Alomia cinerea Benth.

[Brazil] Prov. Goyaz. Gardner 3810. Type.

Alomia fastigiata Benth.

Brazil, Minas Geraes. Gardner 4837. Type.

Alomia regnellii Malme

Brazil, Matto Grosso. Malme 1678, 15.VI.1894. Type.

Ambrosia velutina O. E. Schulz

[Dominican Republic] Domingensis, Prov. Barahona. Fuertes 816, 1911. Type.

Ambrosia villosissima Forssk.

[Egypt] in insulis Niloticis circa Kahiram ad agrorum margines. Forsskåhl s. n. Isotype.

Amphidoxa gnaphalodes DC.

Cape, Uitenhaag, Zwartkopsrivier, von Villa Paul Maré bis Uitenhaag. Ecklon s. n., XII. Isotype.

Amphiglossa triflora DC.

[South Africa] Cape, Zwartkey, auf der Fläche, 4000 ft. Drège s. n., XII. Type.

Anaphalis aecidiocephala Grierson

Mexico, Oaxaca, Ixtlan, Comaltepec, Cerro de Humo Chico, 3050 m. MacDougall 4129, 2.III.1968. Isotype.

Anaphalis alata Maxim. var. *glabra* Hand.-Mazz.

China, Sikang, Taofu (Dawo) distr., Taining (Ngata), 3600 m. Smith 11981, 4.IX.1934. Cotype.

Anaphalis bicolor (Franch.) Diels var. *subconcolor* Hand.-Mazz.

China, Sikang, Taofu (Dawo) distr., Taining (Ngata), 3600 m. Smith 11780, 4.IX.1934. Cotype.

Anaphalis lanata A. Nels. (see *Nacrea lanata*).*Anaphalis viridis* Cumm. var. *acaulis* Hand.-Mazz.

China, Sikang, Taofu (Dawo) distr., Mt. Yara, north glacier valley, 4600-4800 m. Smith 11647, 29.VIII.1934. Cotype.

Anaesthaphia baracoensis Urban

Cuba, Oriente, Baracoa, in carrascales near Rio Joa. Ekman 3683, 28.XI.1914. Type.

Anaesthaphia ekmanii Urban

Cuba, prov. Pinar del Rio, Sierra de los Organos, Grupo del Rosario, Pena blanca. Ekman 18865, 16.V.1922. Type.

Anaesthaphia intertexta Wright

Cuba. Wright 2877, 1860-1864. Type.

Anaesthaphia nipensis Urban

Cuba, prov. Oriente, Sierra de Nipe, headwaters of Rio Piloto. Ekman 5703, 15.V.1915. Type.

Anaesthaphia oblongifolia Urban

Cuba, prov. Oriente, Sierra de Nipe, in carrascales of Rio Piloto. Ekman 19169, 3.VII.1924. Type.

Anaesthaphia obovata Urban & Ekman

Hispaniola, Haiti, Plaine Cul-de-Sac, Croix-des-Bouquets, Hab. Jouon. Ekman 5366, 18.XII.1925. Type.

Anaesthaphia tortuensis Urban

Hispaniola, Haiti, Ile la Tortue, Morne Barranca. Ekman H 4313, 14.VI.1925. Type.

Anaxeton angustifolium Lundgren

South Africa, Ceres div., Ezelfontein, rocky slopes at W foot of Milner Peak. Esterhuysen 20379, 1.IX.1952. Isotype.

Anaxeton lundgrenii B. Nord.

South Africa, Cape, Caledon div., Mountain above Hermanus (Voëlklip). Nordenstam & Lundgren 2250, 17.XI.1974. Holotype.

Anderbergia elsiae B. Nord.

South Africa, Cape Prov., Worcester Div., Keeromsberg, slopes on NE side, 3000 ft. Esterhuysen 31139, 5.IX.1965. Isotypes.

Anderbergia fallax B. Nord.

South Africa, Cape Prov., Montagu-Swellendam Div., Goedgeloof Pk., Langeberg near Swellendam, 3500 ft. Esterhuysen 24503, 3.IX.1955. Isotype.

Anderbergia rooibergensis B. Nord.

South Africa, Cape Prov., Ladismith Div., Rooiberg mtn above Boskloof, 4200 ft. Vlok 2039, 2.XI.1988. Holotype.

Anderbergia ustulata B. Nord.

South Africa, Cape Prov., Worcester Div., Sawedge Pk. (E of Keeromsberg), 4000 ft. Esterhuysen 31150, 6.IX.1965. Isotype.

Anisopappus gracilis O. Hoffm.

Kunene-Sambesi exp., Kitsi n Kulu (?). Baum 877, 29.IV.1900. Type.

Anisopappus subdiscoideus O. Hoffm.

Kunene-Sambesi exp., Kampuluve (Kinto) (?). Baum 801, 6.IV.1900. Type.

Antennaria acuta Rydb.

[USA] Rocky Mountains Park, in a marsh near Lake O'Hara. Macoun 65423, 8.VIII.1904. Type fragment and photograph.

Antennaria affinis Fernald

W Greenland, Upernivik 71 deg. 15 min. N. Porsild & Porsild s. n., 14.VII.1929. Isotype.

Antennaria aizoides Greene

Canada, Saskatchewan, Cypress Hills. Macoun 11245, 9.VI.1884. Type fragment and photograph.

Antennaria alaskana Malte

[Plants of Alaska and Yukon] Near Port Clarence. Walpole 1496, 20.VII.1901. Type fragment.

Antennaria albicans Fernald

Newfoundland, Port á Port Bay, Table Mtn. Fernald & StJohn s. n., 16-17.VII.1914. Type fragment.

Antennaria alborosea A. E. Porsild

Yukon Terr., Canol Rd. East side of Rose river Valley, granite mtn opposite mile 85-90, 5000-6000 ft. Porsild & Breitung 10190, 6.VII.1944. Isotype. - Yukon Terr., Canol Rd., mile 102. Rose-Lapie River Pass, 3600 m. Porsild & Breitung 10633, 19.VII.1944. Paratype.

Antennaria arenicola Malte

Port Harrison, E coast of Hudson Bay, 58 deg. 17 min. N., 78 deg. 10 min. W. Malte 120714, 18-20.VIII.1928. Type fragment.

Antennaria atriceps Fernald

British Columbia, W and NW slopes of Mt. Selwyn, 56 deg. 1 min N, 123 deg. 39 min W, 5000 ft. Raup & Abbe 4134, 26.VII.1932. Isotype.

Antennaria breitungii A. E. Porsild

Yukon Terr., Whitehorse, sandy and shaly bluffs and hillsides east of Lewes river, 2100-2400 ft. Porsild & Breitung 9229, 1-5.VI.1944. Isotype.

Antennaria burwellensis Malte

Port Burwell, Hudson Strait, 60 deg. 22 N, 64 deg. 50 min W. Malte 120125, 25-28.VII.1928. Type fragment.

Antennaria compacta Malte

Canada, NW Terr., Great Bear River, Mt Charles, 65 deg 4 min N, 124 deg. 37 min W. Porsild & Porsild 3347, 2.IX.1928. Type.

Antennaria congesta Malte

Port Burwell, Hudson Strait 60 deg. 22 N, 64 deg 50 min W. Malte 120118, 25-28.VII.1928. Syntype.

Antennaria crymophila A. E. Porsild

Canada, NW Terr., Macenzie River delta, east branch, lat. 68 deg. 40-45 min N. Porsild 7053, 21.VII.1934. Isotype.

Antennaria elegans A. E. Porsild

Yukon, Canol Rd., Mile 95, Upper Rose river valley, 3600 ft. Porsild & Breitung 10411, 11.VII.1944. Isotype.

Antennaria exilis Greene

Alaska, Pribilof Islands, St. Paul. Kincaid s. n., 15.VIII.1897. Type fragment.

Antennaria friesiana (Trautv.) Ekman ssp. *alaskana* (Malte) Hultén var. *beringensis* Hultén

Alaska, Kilbuk Mts., Kagali Lake, 59 deg 45 min N, 160 deg. 07 min W. Hultén s. n., 12.IX.1965. Syntype. - Alaska, Kilbuk Mts., Kisavali Lake, 60 deg 20 min N, 159 deg. 25 min W. Hultén s. n., 3.IX.1965. Syntype.

Antennaria frigida A. E. Porsild

6 miles E of Kittigozuit, 69 deg. 20 min N, 133 deg W. Porsild 2524, 24-28.VII.1927. Type fragment.

Antennaria incarnata A. E. Porsild

Yukon Terr., Canol Rd., Mile 95, Upper Rose river valley, 3600 ft. Porsild & Breitung 10412, 11.VII.1944. Isotype.

Antennaria komarovii Juz.

Krasni Gor, Lake Notchika. Komarov s. n., 1908. Isotype.

Antennaria linearifolia Wedd.

Bolivia, Larecaja, Sorata inter Pongo et Alinaya. Mandon 160, IV.1859. Type.

Antennaria longii Fernald

NW Newfoundland, Pistolet Bay. Pease & Long s. n., 18.VII.1925. Type fragment.

Antennaria macounii Greene

British Columbia, Revelstoke. Macoun s. n., V.1890. Type fragment and photograph.

Antennaria marginata Greene

USA, New Mexico. Fendler 523, 1847. Isotype.

Antennaria media Greene

USA, Sierra Nevada Mts., High Rocky Slope above Goldstream, Placer Co. Cal. Sonne, Truckee, Cal. Coll. ignot., 31.VII.1892. Type fragment and photograph.

Antennaria microphylla Rydb.

USA, Montana, Manhattan. Rydberg 2831, 17.VII.1895. Type fragment.

Antennaria neolaskana A. E. Porsild

W of Mackenzie R. delta. Porsild s. n., 7-10.VII.1933. Type fragment.

Antennaria nitida Greene

Canada, James Bay, Charlton Island, 52 deg N, 79 deg 30 min W. Porsild 4493, 6-14.VII.1929. Topotype.

Antennaria nordhagiana Rune & Rønning

Northern Norway, Finnmark county, Karasjok p., Mt. Suoidnegaiassa, SE-slope. Rune & Rønning s. n., 13.VIII.1954. Isotype.

Antennaria philonipha A. E. Porsild

Canada, NW Terr., Arctic coast 6 miles E of Kittigazuit. Porsild & Porsild 2524, 24-28.VII.1927. Isotype.

Antennaria porsildii E. Ekman

Groenlandia orientalis, Hurry Inlet. Dusén 780, 4.VIII.1899. Paratype.

Antennaria rousseauii A. E. Porsild

Canada, Quebec, Riviere Payne, vers 59 deg 17 min. lat. N. Rousseau 991, 7.VIII.1948. Isotype.

Antennaria serawschanica C. Winkl.

Turcestan, Serawschan, gebiet See-Kul-Kalan, 1000 ft. Regel s. n., 22.VI-4.VII.1882. Type.

Antennaria shumaginensis A. E. Porsild

Alaska, Shumagin Islands, Poppof Island. Kincaid s. n., 10.VII.1899. Paratype.

Antennaria soliceps S. F. Blake

USA, Nevada, Clark co., Charleston Mts, ridge near peak, 3350 m. Clokey 7459, 18.VII.1937. Isotype.

Antennaria stolonifera A. E. Porsild

Yukon Terr., Canol Rd., Upper South fork of MacMillan R.; shale mtn W of river opposite mile 268. Porsild & Breitung 11377, 28.VIII.1944. Isotype.

Anthemis altissima L. var. *discoidea* Iranshahr

Iran, Damghan-Semnan, 14-26 km NW Fulad Mahalla, 1800 m. Rechinger 52356, 30.V.1975. Type.

Anthemis antiochia Eig

N Syria, marshes of Lake Antiochia dry in summer. Eig & Zohary s. n., 26.VIII.1931. Type.

Anthemis armeniaca Freyn & Sint.

Armenia turcica, Szandschak Gümüşkhane, Agha Kvei. Sintenis 5673, 31.V.1894. Isotype.

Anthemis austroiranica Rech. f., Aell., & Esfand.

Iran, prov. Kerman et Fars, inter jugum Cah Coghuk (Cafut) et Tarum, 1400 m. Rechinger & Rechinger 3179, 28.IV.1948. Type.

Anthemis callieri Vel.

Loco ignoto, Cotype (label is written in shorthand, but type label is annotated by Stojanoff & Achtaroff).

Anthemis cronia Boiss. & Heldr.

Greece, in reg. abietina m. Parnethos Atticae, 3-4000 ft. Heldreich 103, 20.V.1855. Cotype.

Anthemis eliezeri Eig

Palestine, Negeb, Asluj, sands. Eig, Zohary & Feinbrun s. n., 17.IV.1928.
Type.

Anthemis emasensis Eig

Syria, 107 km S of Homs, 1430 m, wadi. Eig & Zohary s. n., 2.V.1933.
Type.

Anthemis feinbruniae Eig

N. Iraq, Jebel Sindjar, ca 800 m. Eig & Zohary s. n., 27.IV.1933. Type.

Anthemis flexicaulis Rech. f.

Greece, Insula Euboea meridionalis, 3 km a promontorio Kaphireos
occidentem versus. Rechinger 18943, 22.VI.1958. Type.

Anthemis fumariaefolia Boiss.

Crescit ad radices Argaei, 5500 ft (Iter Cilicico-kurdicum). Kotschy suppl.
222, 31.V.1859. Cotype.

Anthemis khandaharica Iranshahr

SE Afghanistan, Kandahar, ad margines deserti Registan, 20 km S of
Kandahar, 1000 m. Rechinger 35302, 27.V.1967. Type.

Anthemis khorasanica Rech. f.

Iran, prov. Khorasan, in agris incultis inter Shirwan et Budjnurd. Rechinger
1802, 25-27.VII.1937. Type.

Anthemis maris-mortui Eig var. *discoidea* Eig

Palestine, Judean Desert, Hirbet el-Mird. Eig s. n., 2.IV.1932. Type.

Anthemis montana L. var. *anatolica* Boiss.

Syria bor. ex Amano prope Beilan, calcarias rupes subalpinas montis Akina
Dagh, 5500 ft. Kotschy 27, 17.VI.1862. Cotype.

Anthemis pauciloba Boiss. var. *anatolica* Boiss.

In montibus Kassan Oghlu ad pagum Gorumse (Iter Cilicico-kurdicum).
Kotschy 143, 23.V.1859. Cotype.

Anthemis pindicola Heldr. & Hausskn.

Thessalia, Monte Pindo, Agrapha (*Dolphia veterum*) in regione superiori
Pindi, summi monti Karava. Heldreich s. n., 1-3.VII.1885. Type.

Anthemis poecilolepis Boiss.

In Tauri alpes Bulgar Dag, ad lacum Koschan Goell, 8000-9000 ft (Iter
Cilicicum). Kotschy 119. 194 a. 235, 14.VII and 2.VIII.1853. Type.

- Anthemis pusilla* Greuter ssp. *ammanthiformis* Greuter & Rech. f.
Iter aegaeum. Insula Antikythera, Potamos, in parte boreali insulae.
Rechinger 24367-a, 8.V.1964. Type.
- Anthemis samuelssonii* Rech. f.
Syria, S om Arz El Rab, 1950 ft. Samuelsson s. n., 13.VI.1933. Type.
- Anthemis subrotundata* Eig
Armenia turcica, Kharput, Schuschnas. Sintenis 209, 6.V.1889. Isotype.
- Anthemis zoharyana* Eig
Palestine, Negeb, 10 km S of Beersheba. Eig, Feinbrun & Zohary s. n.,
15.V.1928. Type.
- Antithrixia angustifolia* Oliv. & Hiern
Abyssinia [Ethiopia]. Schimper 1443, 29.XI.1863. Type.
- Antithrixia flavicoma* DC.
[South Africa, Cape] zwischen Pedroskloof und Leliefontein, 3000-4000 ft.
Drège, XI. Isotype.
- Aphanactis villosa* Blake
Peru, Chasgui. Macbride 3297, 10.IV.1923. Isotype.
- Apodanthera radula* Humbert
Madagascar, Bassin de la Manampanihy (sud-est) Mt Vohimavo au nord
d'Ampasimena, 830 m. Humbert 20708, 27-28.III.1947. Isotype.
- Archibaccharis hirtella* Heer. var. *taeniotricha* Blake
Guatemala, Santa Elena, Dept. Chimaltenango, 2400-2700 m. Skutch 276,
24.II.1933. Type.
- Arctotis bellidifolia* Berg.
[South Africa] e Cap. b. Sp. Grubb s.n. Holotype.
- Arctotis frutescens* T. Norl.
Namibia, Lüderitz-Süd distr., farm Witpütz-Süd. Merxmüller & Giess
3206, 26.VIII.1963. Isotype.
- Arctotis venusta* T. Norl.
South Africa, Griqualand West, along road at Dronfield. Acocks &
Hafström 908, 13.X.1936. Holotype and isotype.
- Arnica alpina* (L.) Olin & Ladau ssp. *attenuata* (Greene) Mag. var. *vestita* Hultén
Alaska, Tousina Lodge, Richardson Hwy 80. Anderson 1989, 6.VII.1935.
Type.

- Arnica alpina* (L.) Olin & Ladau ssp. *iljinii* Maguire
Unterlauf der Jenissei, Ust-Jenisseiski Port (69 deg. 39 min. N. Br.).
Tolmatchew 199, 4.VIII.1926. Cotype.
- Arnica angustifolia* Vahl
E Groenlandia. Coll. ignot. Holotype.
- Arnica kodiakensis* Rydb.
Alaska, Kodiak. Mylroie 30, 1910. Type fragment and photograph.
- Arnica lessingii* Greene ssp. *norbergii* Hultén & Mag.
Alaska, Orca. Norberg s. n., 14.VIII.1937. Type.
- Arnica obtusifolia* Less.
Unalashka. Ad. von Ch. [Chamisso ?]. Type fragment from Berlin.
- Arnica scariosa* Thunb.
[South Africa] Cap. b. Spei. Thunberg s. n. Type.
- Artemisia adamsii* Bess.
Ad Lenam. Adams s. n. Type fragment.
- Artemisia alaskana* Rydb.
Alaska, Nulato-novikakat. Russell s. n., 23-27.VII.1889. Type fragment and photograph.
- Artemisia aleutica* Hultén
Alaska, Aleutian Islands, Kiska. Murie 2438, 21.VI.1937. Holotype.
- Artemisia atrovirens* Hand.-Mazz.
China, Szechuan, Iping (Suifu) distr., inter Shuiliuchi et Chitiempa, 500 m.
Smith 13634, 18.XII.1934. Cotype.
- Artemisia borealis* Pall. var. *latisecta* Fernald
French (or Tweed) Island. Fernald, Long & Fogg 476, 2.IX.1926. Type fragment.
- Artemisia borealis* Pall. var. *mertensii* Besser
Karaginsk. Mertens s. n. Type fragment.
- Artemisia bottnica* A. N. Lundström ex Nyman
[Sweden] Westerbotten, vid Pitcåelfvens utlopp. Lundström s. n.,
15.IX.1871. Type.
- Artemisia bourgeauana* Rydb.
Rocky Mountains, Bourgeau s.n., 1853 (1858?). Cotype. - Saskatchewan.
Bourgeau s. n., 1857-58. Cotype.

Artemisia capillaris Thunb.

E Japonia. Thunberg s. n. Type.

Artemisia cooleyae Rydb.

Alaska, Juneau, above Silver Bow Basin. Cooley 14627, 6.VIII.1891. Type fragment and photograph.

Artemisia disjuncta Krasch.

E Tenjschan, Kaschgaria, Biangou. Popov s. n., 25.IX.1929. Type fragment and photograph.

Artemisia flava Jurtz.

Parya River, W Chukotka, N. Anjuisk Mts. Jurtzev s. n., 16.VII.1965. Type fragment and photograph.

Artemisia globularia Besser

Lorenz Bay. Coll. ignot. Type.

Artemisia globularia Besser var. *lutea* Hultén

Alaska, St. Matthew Isl. Anderson 4007, 16.VII.1938. Lectotype.

Artemisia glomerata Ledeb.

Lorenz Bay. Eschscholtz s. n. Type.

Artemisia glomerata Ledeb. var. *subglabra* Hultén

Alaska, Kilbuk Mts., Kagati Lake, 59 deg., 45 min. N - 160 deg., 07 min. W. Hultén s. n., 12.IX.1965. Type.

Artemisia gormanii Rydb.

Alaska, Iliamna Pt. Gorman 281, 1.IX.1902. Type fragment and photograph.

Artemisia hultenii Maximova

N mouth of Kolyma river, Medvedschie Islands, Island Leontova. Maximova s. n., 24.VIII.1971. Cotype.

Artemisia hyperborea Rydb.

Canada, NW. Terr. Bernard Harbour. Johansen 304 a, 14.VIII.1915. Type fragment and photograph.

Artemisia insularis Krasch.

Copper Island. Kardakov 75, 30.VIII.1930. Type fragment and photograph.

Artemisia japonica Thunb.

Japonia. Thunberg s. n. Type.

Artemisia lamprocaulos Rech. f.

Iran, Prov. Khorasan, inter Meshed et Kucan, 1000-1300 m. Rechinger 1600, 13.VII.1937. Type.

Artemisia maccallae Rydb.

Canada, Alberta, vicinity of Banff, Tunnel Mt., 4800 ft. Mac Calla 2016, 16.IX.1899. Type fragment and photograph.

Artemisia manca Rydb.

Alaska, Cold Bay. Piper 4223, 31.VII. 1904. Type fragment and photograph.

Artemisia maritima L. var. *kitabeliana* Besser

Loco ignoto. Besser s. n. Lectotype.

Artemisia palmatifida Wight

Yukon Valley, Koyukuk river. Collier 142, 21.VIII.1902. Type fragment.

Artemisia persica Boiss.

Persia austr., in m. Kuh-Daëna. Kotschy 630, VII.1842. Type.

Artemisia rupestris L. ssp. *woodii* Neilson

Canada, Yukon terr., S flank of Mt. Wallace, overlooking Kluane Lake & the mouth of Slim's River. Neilson s. n., 19.VII.1967. Isotype.

Artemisia smithii Mattf.

China, Prov. Szechuan reg. bor., Dongrergo, 4000-4150 m. Smith 3846, 22.VII.1922. Cotype.

Artemisia stipularis Urban & Ekman

Hispaniola, Santo Domingo, Sierra de Ocoa, prov. de Azua, San José de Ocoa, Cuchilla del Pino. Ekman H 11698, 28.II.1929. Type.

Artemisia strongylocephala Pamp. var. *phyllobotrys* Hand.-Mazz.

China, Sikang, Taofu (Dawo) distr., Taofu, 3000 m. Smith 12211, 18.IX.1934. Cotype.

Artemisia subarctica Krasch.

Lena delta, Tixi. Gorodkov & Tichomirov s. n., 20.VIII.1935. Type fragment and photograph.

Artemisia tangutica (Maxim.) Pamp. var. *tomentosa* Hand.-Mazz.

China, Sikang, Kangting (Tachienlu) distr., Chungo valley, 3200 m. Smith 11092, 17.VIII.1934. Cotype.

Artemisia tilesii Ledeb.

Kamtschatka. Coll. ignot. Type fragment.

Artemisia tridactyla Hand.-Mazz.

China, Sikang, Taofu (Dawo) distr., Mont. austro-occid. inter Dongbo La et Takuan, 3800 m. Smith 12454, 25.IX.1934. Cotype.

Artemisia tyrellii Rydb.

N. British Columbia, Selkirk Trail. Tyrell 19429, 6.IX.1898. Type fragment and photograph.

Artemisia ursorum Hultén

Kamtschatka australis, Avatcha volcano, 675 m. Hultén 647, 30.VII.1920. Type.

Artemisia violacea Ledeb.

Kamtschatka. Petrop. 13. Type fragment.

Aspilia arenaria Baker

Brazil, Sao Paulo. Regnell III 771x, III.1857. Type.

Aspilia cearensis Santos

Brazil, Ceará, Sto Antonio do Aracaty. Löfgren 183, 7.III.1910. Isotype.

Aspilia cuyabensis Malme

Brazil, Matto Grosso. Malme 2705, 15.XII.1921. Holotype.

Aspilia diffusiflora H. Robinson

Brazil, Estado de Minas Geares, Serra do Espinhaço, ca. 17km SW of Gouveia, Mun. de Gouveia. Anderson, Stieber & Kirkbride 35649, 7.II.1972. Isotype.

Aspilia fruticosa Baker

Brazil, Serra de Piedade. Warming s. n. Type.

Aspilia latissima Malme

Paraguay, La Paz. Malme 964, 20.IX.1893. Type.

Aspilia leucoglossa Malme

Brazil, Matto Grosso, Cuyabá. Malme 1160, 24.XI.1893. Holotype.

Aspilia paranensis Malme

Brazil, Paraná, 23. Turma, in campo. Dusén 15646, 19.X.1914. Type.

Aspilia phyllostachys Baker

Brazil, Lagoa Santa. Warming s. n. Type.

Aspilia reflexa Baker

Brazil, Prov. Minas Geraes, Caldas. Regnell III 774, 22.X.1864.
Isolectotype. - Brazil, Lagoa Santa. Warming s. n. Paratype. - Brazil, Prov. Minas Geraes, Caldas, in campis aridis. Lindberg 7, XI.1854. Paratype. - Brazil, Prov. Minas Geraes, Caldas, Jardim. Widgren 202, 1.XI.1845. Paratype.

Aspilia warmingii Baker

Brazil, Lagoa Santa. Warming s. n. Type.

Aster adfinis Less.

[South Africa] Cape, am Löwenberge. Ecklon s. n. Holotype.

Aster aethiopicus Burm. f. var. *glandulosus* Harv.

[South Africa] Hemel en Arde, 500-2000 ft, Zeyher 2760, VIII. Type.

Aster arcticus Eastwood

Alaska, Nome. Blaisdell 81, 1900. Type fragment.

Aster bakeranus Burt Davy ssp. *angustifolius* Lippert

South Africa, Drakensberg, Royal Natal National Park. Sidey 2043, 5.X.1950. Type.

Aster bakeranus Burt Davy ssp. *ovalis* Lippert

[South Africa] Natal, in pratis pr. Phoenix, 66 m. Schlechter 3032, 4.VIII.1893. Isotype.

Aster bollei Sch. Bip.

Loco ignoto. Bolle s. n. Type.

Aster buchbergensis Dinter

[Namibia] Deutsch Südwestafrika, Buchberge. Dinter 6555, VII.1929. Isotype.

Aster calderi B. Boivin

Canada, Quebec, Hudson Bay post, Fort Chimo. 3 miles E of Post. Calder 2642, 15.VIII.1948. Isotype.

Aster calocephalus Malme

Brazil, Rio Grande Do Sul. Malme 800, 25.IV.1893. Type.

Aster confertifolius Hilliard & Burt

South Africa, Natal, 2929 CB Underberg distr., Gxalingenwa valley, between Sani Pass & Polela valley. Hilliard & Burt 17193, 11.XII.1983. Isotype.

- Aster diplostephioides* Benth. & Hook. var. *falconeri* C. B. Clarke
Loco ignoto. Falconer 561. Type.
- Aster discoideus* Sond.
[South Africa] Cape, Cis-Gariepina, Zuurepoort, N Grenze der Stormbergen. Zeyher 112.11, XI. Holotype.
- Aster divaricatus* Tourn. & Gray var. *subalpina* R. E. Fries
Bolivia, Junaca prope Tarija. Fries 1316, 28.II.1902. Type.
- Aster ecklonis* Less.
[South Africa, Cape] Kalk, Sandstein und Dünenfeld zwischen Koude und Duyvenhoeksrivier von Rhinoster bis Kleinfontein. Ecklon 14, 12.X.1826. Holotype.
- Aster elegantulus* A. E. Porsild
Canada, Yukon Terr., Whitehorse, east of Leves river, 2100-2400 ft. Porsild & Breitung 10703, 28-29.VII.1944. Isotype.
- Aster elongatus* Thunb.
[South Africa] Cap. b. Spei. Thunberg s. n. Type.
- Aster elongatus* Thunb. var. *candollei* Harv.
[South Africa] Gariep bei Verleptpram. Drège s.n. Type.
- Aster elongatus* Thunb. var. *pappei* Harv.
[South Africa] Cape of Good Hope, Tulbagh. Pappe s. n. Type.
- Aster elongatus* Thunb. var. *spathulaefolius* Harv.
[South Africa] Cape, Capfläche. Zeyher 787. Type.
- Aster ericaefolius* Forssk.
Arabia, habitat Kurmae. Forsskähl s. n. Type.
- Aster filiformis* Ecklon
[South Africa] Cape, auf dem Gipfel des Tafelberges. Ecklon 103, 10.X.1827. Isotype.
- Aster grisebachii* Britt.
Cuba. Wright 2830, 1860-1864. Type.
- Aster grossedentatus* Dinter.
[Namibia] Gross-Namaland, Aus. Dinter 6170, 13.III.1929. Isotype.
- Aster harveyanus* O. Kuntze
[South Africa] Cape, Magalisberg. Zeyher 800, X. Lectotype.

Aster hyssopifolius Berg. var. *linifolius* Harv.

[South Africa] Cape, Komando Kraal prope Zondagsrivier. Zeyher 2747, V. Holotype.

Aster jemensis A. Nels.

USA, New Mexico, in the canyon on moist banks, near Jemez Springs. Nelson 11673, 15.VIII.1931.

Aster linifolius Harv.

[South Africa] Uitenhagen. Zeyher. Holotype.

Aster linariifolius L. var. *victorinii* Fern.

Canada, Quebec, Chute Panet, comté de Portneuf. Raymond et al. 56887, 1.VIII.1943. Topotype.

Aster littorale Phil.

[Chile] Talcahuano. Philippi s. n., I.1857. Type.

Aster namaquanus Harv.

[South Africa] Namaqualand. Zeyher 796. Holotype.

Aster pappei Harv.

[South Africa] Campground, Rondebosch. Pappé. Type.

Aster petiolatus Harv.

Near Bethesda and in other parts of Basutoland. Cooper 727. Lectotype.

Aster pradensis Phil.

Chile, Santiago. Philippi 572. Isotype.

Aster regnellii Baker

Brazil, Minas Geares, Caldas. Regnell I 201, 8.II.1865. Type.

Aster rufibarbis Harv.

[South Africa] Cape. Ecklon 211 (103.4). Holotype.

Aster serrulatus Harv. var. *densus* Harv.

[South Africa] Cape, Wolvekop. Zeyher 791, XII. Type.

Aster serrulatus Harv. var. *polyphyllus* Harv.

[South Africa] Cape, zwischen Rietkuil & Grootvadersbosch. Zeyher 2729a, & 2749, X. Isolectotype.

Aster serrulatus Harv. var. *setosus* Harv.

[South Africa] Cape, Anhöhen bei Rietkuil. Zeyher 2729 b, X. Holotype.

Aster simulans Harv.

[South Africa] Cape, Capfläche. Zeyher s. n., IX. Type.

Aster subulatus Mich.

Ecuador, in Andibus. Spruce 5769, 1857-1859. Type.

Aster tenellus L. var. *pusillus* Harv.

[South Africa] Feuchte Stellen auf der 2. Höhe an den Bergen bei Capstadt. Ecklon 111. 1827. Holotype.

Aster tenellus L. var. *robustus* Harv.

[South Africa] Driefontein. Zeyher 783. Type.

Aster tilesii Wikstr.

Ex Unalashka. Tilesius misit. Type.

Aster warmingii Baker

Brazil, Lagoa Santa. Warming s. n. Type.

Aster yukonensis Cronq.

Yukon, S end of Lake Kluane. Anderson 9384, 23.VII.1944. Isotype.

Aster zeyheri Less.

[South Africa] Cape, Uitenhagen. Zeyher s. n. Holotype.

Asteropterus dinteri Rothmaler

[Namibia] Deutsch Südwestafrika, Aus. Dinter 4155, 26.X.1922. Isotype.

Athanasia alba Källersjö

South Africa, Cape, 3319 CB Audensberg Ridge Peak, S slope, fire-break, 2000-2500 ft. Källersjö 162, 7.XI.1985. Holotype.

Athanasia bremeri Källersjö

[South Africa] Cape Prov., Clanwilliam Div., Driehock Valley, Cedarberg. Esterhuysen 22485, 27.XII.1953. Holotype.

Athanasia calophylla Källersjö

South Africa, Cape, 3319 AA N Cedarberg, Rocklands, Amon se Vlak. Källersjö 273, 10.XII.1985. Holotype.

Athanasia cochlearifolia Källersjö

South Africa, Cape, 3421 BC. Near Farm Yzervarkfontein, SE of Albertinia. Källersjö 138, 2.XI.1985. Holotype.

Athanasia coronopifolia Harv.

South Africa, Port Natal. Gerrard & M'Ken s. n. Isotype.

Athanasia dimorpha DC.

[South Africa] Cape, Vanstaadesrivier, auf der Kalkhöhe am Fluss, unter 1000 ft. Drège s. n. Isotype.

Athanasia dimorpha DC. var. *minor* Harv.

[South Africa] Cape of Good Hope, Knysna. Pappe s. n. Lectotype.

Athanasia dimorpha DC. var. *obovata* Harv.

[South Africa] Cape, Uitenhaag, Urwälder von Krakakamma, zwischen Port Elisabeth und Vanstaadesberg, unter 500 ft. Ecklon & Zeyher 282 (3.10), X. Lectotype.

Athanasia eriopoda DC.

[South Africa] Cape, Ezelbank, auf den Höhen, 3000-4000 ft. [ad Zeederberg]. Drège s. n., XII. Isotype.

Athanasia grandiceps Hilliard

South Africa, Natal, Underberg distr., Drakensberg Garden Nat. Res. Hilliard & Burt 7029, 3.XI.1973. Isotype.

Athanasia hameri Phillips

South Africa, near Waterfall above French Hoek, 1500 ft. Phillips s. n. [1169]. 30.X.1913. Isotype.

Athanasia hirsuta Thunb.

[South Africa] Cap. b. Spei. Thunberg s. n. Isotype.

Athanasia humilis Källersjö

South Africa, Cape, 3419 BB Boesmansrivier, on the road from McGregor to Stormsvlei. Källersjö 205, 17.XI.1985. Holotype.

Athanasia imbricata Harv.

[South Africa] Cape, Zwellendam, am Rivierzonderende, bei Stormvalei, Hassaquaskloof u.s.w. bis Breederivier. Ecklon & Zeyher 89.9, IX. Holotype.

Athanasia indivisa Harv.

[South Africa] Cape, Zuurebergen, zwischen Enon und Driefontein, 2000-3000 ft. Drège s. n., XI. Type.

Athanasia leptcephala Källersjö

South Africa, Cape, 3118 DC Giftberg, on the plateau just before the vlei. Källersjö 186, 11.XI.1985. Holotype.

Athanasia linifolia Burm.

South Africa, Cape Prov., Clanwilliam Distr., Cedarberg Mts., on the road between Heiveld and Heuningvlei. Källersjö 277, 10.XII.1985. Neotype.

Athanasia linifolia Harv. (*Morysia microcephala* DC.)

[South Africa] Cape, Klein Namaqualand, zwischen Pedroskloof und Liefefontein, 3000-4000 ft. Drège s. n., XI. Isotype.

Athanasia microphylla DC.

[South Africa] Cape, Ezelbank, auf den Höhen, 3000-4000 ft. Drège s. n., XII. Isotype.

Athanasia oligocephala Harv. var. *adenantha* Harv.

[South Africa, Cape Prov.] Worcester Div., beim Waterfall, 1000-2000 ft. Ecklon & Zeyher, 1.11., XI. Lectotype.

Athanasia oligocephala Harv. var. *brachypoda* Harv.

[South Africa, Cape Prov.] Uienvalei, 2000-2500 ft. Drège s.n., XII. Isotype.

Athanasia palmatifida DC.

[South Africa] Cape, Gnadenthal, in den Kluften und an felsigen Bergplätzen, 2000-3000 ft. Drège s. n., X. Isotype.

Athanasia pumila L. f.

[South Africa] C. b. Sp. Thunberg s. n. Isotype.

Athanasia quinqueidentata Thunb.

[South Africa] Cap. b. Spei. Thunberg s. n. Isotype.

Athanasia quinqueidentata Thunb. ssp. *rigens* Källersjö

South Africa, Cape Prov., Riversdale Div., 10 km N of Stilbaai. Källersjö 140, 2.XI.1985. Holotype.

Athanasia rugulosa E. Mey. ex DC.

[South Africa] Cape, Groenekloof. Drège s. n. Isotype.

Athanasia schizolepis Harv.

[South Africa] Cape, im Gebirge bei der Kapstadt. Ecklon & Zeyher 84. Type.

Athanasia tomentosa Thunb.

[South Africa] Cap. b. Spei. Thunberg s. n. Isotype.

Athanasia villosa Hilliard

South Africa, Natal, Alfred distr., Wega, Mbetyne Forest. Hilliard 2507, 5.I.1964. Isotype.

Athanasia viridis Källersjö

South Africa, Cape, 3321 BD. In sedgeveld on Gamkas Road, c. 5 km W of Swartberg Pass. Källersjö 241, 5.XII.1985. Holotype.

Athrixia australis Steetz

[Western Australia] In arenosis juxta urbisculam Freemantle. Preiss 65, 7.XII.1838. Isotype.

Athrixia fontinalis Wild

Southern Rhodesia, distr. Luyanga, Mt. Luyangani, 8000 ft. Wild 4602, 5.IX.1954. Isotype.

Atractylis arabica Rech. f.

Iraq, distr. Diwaniya, desertum meridion. 8-15 km NW of Aidaha (Al-Aida), 90-95 km SW of As-Salman. Rechinger 9414, 25.IV.1957. Type.

Atractylis cuneata Boiss.

Afghanistan. Griffith 3320. Isotype.

Baccharis alaternoides H.B.K.

[Ecuador] In Andibus Ecuadoriensis. Spruce 5026, 1857-1859. Type.

Baccharis angelica R. Benoist

Ecuador, Páramo ad Angel. Benoist 4622, 9.XII.1921. Isotype.

Baccharis angusticeps Dusén

Brazil, Paraná, Serra do Mar, Monte Alegre, in fruticetis, c. 1000 m. Dusén 8203, 4.VI.1909. Type.

Baccharis arctioides Sch. Bip.

Peru, Cordillerae de Agapata. Lechler 1823. Type.

Baccharis bupleuroides Gardner

Brazil, Minas Geraes. Gardner 4915. Type.

Baccharis calvescens Mart.

Brazil. Martius 854. Type.

Baccharis curitybensis Heer.

Brazil, Paraná, Curityba, in campo. Dusén 6906, 20.X.1908. Type.

Baccharis densifolia Rusby

Colombia, Santa Marta. Smith 1997. Isotype.

Baccharis eggertii Hieron.

Ecuador, Manabi. Eggers 14919. Isotype.

Baccharis elliptica Gardner

Brazil, Minas Geraes. Gardner 4908. Type.

Baccharis glaziovii Baker

Brazil, Rio de Janeiro. Glaziou 4838. Type.

Baccharis gracillima Heer. & Dusén

Brazil, Paraná, Villa Velha, in campo graminoso, 875m. Dusén 14789, 26.IV.1914. Type.

Baccharis grandiflora H.B.K.

[Ecuador] Amerique Equatoriale. Bonpland 3065. Type.

Baccharis graveolens Sch. Bip.

Peru, Cordillera summ. pr. S. Antonio. Lechler 1815, 1854. Isotype.

Baccharis hambatensis H.B.K.

[Ecuador] In Andibus Ecuadoriensis. Spruce 5829, 1857-1859. Type.

Baccharis hemiprionodes Buek.

Bolivia, La Paz, San Pedro. Mandon 186, V.1859. Type.

Baccharis ligustrina DC.

Brazil. Sellow 807. Type.

Baccharis lindbergii Heer.

Brazil, Minas Geraes, Caldas. Lindberg 90, VI.1854. Type.

Baccharis mandonii Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 199, 8.VIII.1858. Type.

Baccharis mapirensis Rusby

Bolivia, Mapiri-Tipuani. Bang 1481, VII-VIII.1892. Type.

Baccharis matto-grossensis Heer.

Brazil, Matto Grosso. Malme 1750, 27.VI.1894. Type.

Baccharis meridionalis Heer. & Dusén

Brazil, Paraná, Raca Nova in fruticetis. Dusén 8321, 25.V.1909. Type.

Baccharis nipensis Urban

Cuba, Prov. Oriente, Sierra de Nipe, Woodfred, on steep rocks at Arrogo del Medio. Ekman H 15276, 25.IX.1922. Type.

Baccharis occidentalis Blake

Mexico, Jalisco, hillsides near Guadalajara. Pringle 4460. 19.VII.1893.
Isotype.

Baccharis oreophila Malme

Brazil, Paraná, Serra do Mar, Carvalho. Dusén 13313, 6.XI.1911. Type.

Baccharis paranaensis Heer.

Brazil, Paraná. Dusén 3667, 16.II.1904. Type.

Baccharis pendula Heer.

Argentina, prov. Jujuy, Sierra S:a Barbara, in abruptis, locis umbrosis, c.
2000 m. Fries 282, 11.VII.1901. Type.

Baccharis pentodonta Malme

Brazil, Rio Grande do Sul. Malme 772, 12.IV.1893. Type.

Baccharis petrophila R. E. Fries

Argentina, prov. Jujuy, Nivado de Chani. Fries 887, 10.XII.1901. Type.

Baccharis phyllicoides H.B.K.

[Peru] Páramo de Guamani. Bonpland 3518. Isotype.

Baccharis pluridentata Heer.

Brazil, Prov. Minas Geraes, Caldas. Regnell III 744, 4.VI. Type.

Baccharis prenanthoides Baker

Brazil, Lagoa Santa. Lund s. n. Type.

Baccharis prostrata Pers.

[Peru] Peruvia. Pavón s. n. Isotype.

Baccharis psammophila Malme

Brazil, Santa Catharina, Laguna, in arena mobili. Dusén 8425, 24.VI.1909.
Type.

Baccharis pulchella Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 185, 1858-1859. Type.

Baccharis radin Phil.

[Chile] Valdivia. Philippi s. n. Type.

Baccharis recurvata Gardner

Brazil, Minas Geraes s. n. Gardner 4900. Type.

Baccharis regnellii Sch. Bip.

Brazil, Minas Geraes, Caldas. Mosén 587, 1.X.1873. Type.

Baccharis resinosa H.B.K.

Americ. meridion. Bonpland s. n. Isotype.

Baccharis reticularia DC.

Brazil, Sao Paulo, Sao Carlos. Lund s. n. Type.

Baccharis rotundifolia Spreng. f. *subcuneata* Malme

Brazil, Paraná. Dusén 7985a, 13.VI.1909. Type.

Baccharis scandens Pers.

Bolivia, Larecaja, Sorata, Quirambaya. Mandon 195, II-III.1859. Type.

Baccharis scoparioides Griseb.

Cuba. Wright 2832, 1860-1864. Type.

Baccharis selloi Baker

Brazil, Serra da Piedade. Warming s. n. Type.

Baccharis steetzii Andersson

Galapagos. Andersson 149. Type.

Baccharis subcapitata Gardner

Brazil, Goyas. Gardner 4251. Type.

Baccharis subincisa Heer. & Dusén

Brazil, Paraná, Rio Branco in silvula. Dusén 13829, 26.II.1912. Type.-

Brazil, Paraná, Serrinha. Dusén 3081, 15.I.1904. Type.

Baccharis subpenninervis Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 183, I-III.1860. Type.

Baccharis subulata Wedd.

Bolivia, Larecaja, Sorata. Mandon 202, 7.VII.1858. Type.

Baccharis syncephala Sch. Bip.

Peru, prope Tabina. Lechler 1887, 1854. Type.

Baccharis taltalensis Johnston

Chile, Prov. Antofagasta, Dept. Taltal, vicinity of Aguada de Miguel Diaz.

Johnston 5329, 1-4.XII.1925. Type.

Baccharis teindalensis H.B.K.

[Colombia] Teindala. Bonpland 2162. Type.

Baccharis tomentosa Pers.

Bolivia, Larecaja, Sorata. Mandon 182, X.1858. Type.

Baccharis trimeroides Malme

Brazil, Matto Grosso, Rio Grande. Malme 1605, 4.IV.1902. Type.

Baccharis valdiviana Phil.

[Chile] Valdivia. Philippi s. n. Type.

Baccharis vernicoso-splendida Herzog

Bolivia, Häufiger Strauch im Chocayathal bei Cochabamba, 2900-3500 m.
Herzog 2463, VIII.1911. Type.

Baccharis vulneraria Baker

Brazil, Lagoa Santa. Warming s. n. Type.

Baccharoides tayloriana Isawumi

Uganda, Western Province, Ruwenzori, Namwamba Valley, Kilembe,
9500-10500 ft. G. Taylor 22934. 6.I.1935. Holotype.

Baltimora ovata Rusby

Colombia, Santa Marta. Smith 536. Isotype.

Barnadesia glomerata O. Ktze var. *distincta* Chung

Peru, 3 km east of Acomayo, Dept. Huanuco, on slope of ravine.
Woytkowski 34335, 26.VII.1946. Paratype.

Barnadesia glomerata O. Ktze var. *mucronata* Chung

Bolivia, Comarapa, Dept. Santa Cruz. Steinbach 8400, X.1928. Paratype.

Barnadesia venosa Rusby

Bolivia, Espirito Santo. Bang 1205, 1891. Isotype.

Barrosoa atlantica R. M. King & H. Robinson

Brazil, Rod. para Nanuque (mun. Caravelas) Bahia. Hatschbach & Silva
49488, 19.VI.1985. Paratype.

Berkheya angusta Schltr

[South Africa, Cape Prov., Bredasdorp Div.] Elandskloof, 600 ft.
Schlechter 9746, 16.XII. 1896. Isotype.

Berkheya bergiana R. E. Fries & E. Söderb.

Material preserved in alcohol. Type.

Berkheya ferox O. Hoffm. var. *glandulosa* Roessler

[Namibia, Rehoboth] Nordbastardland. Dinter 7994, 19.XI.1934. Isotype.

Bidens abyssinica Sch. Bip.

Abyssinia [Ethiopia] in saxosis montium et vallium prope Adoam.
Schimper 337, 19.IX.1837. Isolectotype.

- Bidens asymmetrica* Sherff var. *subocculata* Deg. & Sherff
Hawaii, Kauai, Waiokihu, Hanalei, grassy shrubby ridge at 500-800 ft.
Degener & Osdonez 12609, 25.XII.1939. Cotype.
- Bidens carinata* Cuf. ex. Mesfin (see *Coreopsis schimperi* O. Hoffm.).
- Bidens chilensis* DC.
Chile, Valparaiso. Bertero 845, VII.1850. Type.
- Bidens ekmanii* O. E. Schulz
Cuba, prov. Oriente, Bayate, on the forest path between Sabana Resuena
and Sabana Miranda. Ekman 3398, 5.XI.1914. Type.
- Bidens ekmanii* O. E. Schulz var. *paucidentata* O. E. Schulz
Cuba, prov. Oriente, Bayate, Pinalito, in forest. Ekman 10022, 22.X.1919.
Type.
- Bidens hirsuta* Sw.
Jamaica. Swartz s. n. Type.
- Bidens lindblomii* Sherff
British East Africa, Ukamba. Lindblom, 1911-1912. Holotype.
- Bidens malmei* Sherff
Brazil, Rio Grande do Sul, Porto Alegre. Malme 1456, 3.III.1902. Type.
- Bidens mesfinii* A. Anderb.
Ethiopia, Bale adm. reg., 38 km E of Robe, along road to Goro and Ginir.
Anderberg 1721, 9.XI.1982. Holotype.
- Bidens monophyllus* Urban
Hispaniola, Santo Domingo, Sierra de Ocoa, prov. de Azua, San José de
Ocoa, Bejucal. Ekman H 11882, 12.III.1929. Type.
- Bidens napaliensis* Sherff
Hawaii, Kauai, N side, along cliff trail to Napali. Fagerlind & Skottsberg
6555, 10.III.1948. Type.
- Bidens odorata* Cav.
Mexico. Cavanilles misit. Type.
- Bidens paupercula* Sherff
Nyassa Hochland, Station Kyimbila, 900 m. Stolz 1442, 22.VII.1912.
Cotype.

- Bidens paupercula* Sherff var. *filirostris* P. Taylor
Tanganyika [Tanzania] Songea distr., 140 km E of Songea, 900 m. Milne-Redhead & Taylor 10547, 4.VI.1956. Isolectotype.
- Bidens pseudocosmos* Sherff
Bolivia, La Paz, Obrajes. Buchtien 815, 10.V.1930. Type.
- Bidens quadriseta* Hochst. ex Oliv. & Hiern
Abyssinia [Ethiopia] Agow, auf Bergen, 5000 ft, Dschadscha. Schimper 2181, 28.IX.1854. Isolectotype.
- Bidens regnellii* Sch. Bip.
Brazil, Minas Geraes, Caldas. Regnell II 164, 18.IV.1967. Type.
- Bidens rhombifolia* Sch. Bip.
Peru, Tacna. Lechler 1576, V.1854. Type.
- Bidens schimperi* Sch. Bip.
Abyssinia [Ethiopia] in vallibus prope Djeladjeranne. Schimper 1429, 27.IX.1840. Isotype.
- Bidens skottsbergii* Sherff
Hawaii, near Puna road, S. of Hilo. Skottsberg 2092, 30.IX.1926. Cotype.
- Bidens steppia* (Steetz) Sherff var. *leptocarpa* Sherff
Nyassa Hochland, Station Kyimbila, 1350 m. Stolz 729, 27.II.1912. Isolectotype.
- Bidens urbanii* Greenm.
Puerto Rico, prope Maricao. Sintenis 387, 23.XI.1884. Isotype.
- Blanchetia heterotricha* DC.
Brazil, Bahia. Blanchet s. n., 1897. Isotype.
- Blennosperma bakeri* Heiser
USA, California, Sonoma Co., western outskirts of Sonoma in 'hog wallow' about 0.25 mile S of Napa Street. Baker 11307, 2.IV.1946. Isotype.
- Blennosperma chilense* Less.
Chile, "la punta de Cortes" in monte la Leona, Rancagua. Bertero 726, VIII., X. 1828. Isolectotype.
- Blepharispermum arcuatum* T. Eriksson
Tanzania, Mkuzi, 4 miles NE of Lushoto, West Usambaras, 1650 m. Drummond & Hemsley 2069, 10.IV.1953. Holotype.

***Blepharispermum brachycarpum* Mattf.**

Tanganjika [Tanzania] Bezirk Lindi, Lutamba-See 40 km W Lindi.
Schlieben 6215, 3.IV.1934. Isolectotype.

Blumea crassifolia* A. Rich. (see *Laggera crassifolia*)**Blumea dregeanoides* Sch. Bip.**

Abyssinia [Ethiopia] in vallis profundis provinciae Wogera. Schimper
1297, 17.III.1840. Type.

Blumea tomentosa* A. Rich. (see *Laggera tomentosa*)**Brachymeris scoparia* DC.**

[South Africa, Cape Prov.] Sneeuwbergen, 4000-5000 ft. Drège s.n., IX.
Isotypes.

***Brachyris floribunda* Phil.**

[Chile] Aconcagua. Philippi s. n. Type.

***Brachyris spathulata* Phil.**

Argentina, ad radicem Andium inter Santiago et Mendoza. Philippi s. n.
Type.

***Brickellia amblyolepis* Robins.**

Mexico, Guerrero, Mountains above Iguala, 3500 ft. Pringle 8415,
4.X.1900. Type.

***Brickellia saltillensis* Robins.**

Mexico, Coahuila, mountains near Saltillo, 7000 ft. Pringle 10082,
5.X.1905. Type.

***Brickellia solidaginifolia* Gray**

Mexico, Chihuahua, dry cool slopes, Mapula Mts. Pringle 744, 21.X.1886.
Type. - Mexico, Durango, hillsides, Sandia Station, 7200 ft. Pringle 13537,
15.X.1905. Type.

***Bryomorphe zeyheri* Harv.**

[South Africa] Cape, Hottentottshollandsberg. Zeyher 2908, XII. Type.

***Buphthalmum imbricatum* Cav.**

E Mogador. Roemer s. n. Isotype.

***Cacalia echinata* L. f.**

[Canary Islands] Insulas Canariis, Masson s. n. Isotype.

Cacosmia harlingii B. Nord.

Ecuador, prov. Loxa, Cariamanga, road to Amaluza. Harling 6050, 22.VII.1959. Holotype.

Calea belemii H. Robinson

Brazil, Bahia, Espirito Santo, Minas Geraes, Rodovia BR 4, Km 924, Mata Cipó. Belem 3763, 27.VI.1968. Isotype.

Calea cardonae Maguire & Wurdack subsp. *neblinensis* Maguire & Wurdack

Venezuela, Cerro de la Neblina, Rio Yatua, Territorio de Amazonas. Wurdack & Maguire 42278, 2.XII.1957. Isotype.

Calea chapadensis Malme

Brazil, Matto Grosso, Santa Anna da Chapada. Malme 2123, 28.VII.1902. Holotype.

Calea clauseniana Baker

Brazil, Lagoa Santa. Warming s. n. Paratype.

Calea clauseniana Baker var. *regnelliana* Baker

Brazil, Uberava, prov. Minarum. Regnell III 788, XI.1848. Isotype.

Calea clematidea Baker

Paraguay. Balansa 45, VIII.1874. Isotype.

Calea congesta Rusby

Colombia, Santa Marta. Smith 648, 1898-1901. Isotype. - Colombia, Santa Marta, near Masinga Vieja, 1000 ft. Smith 2617, 20.XII. Paratype.

Calea cordifolia Sw.

Jamaica. Swartz s. n. Holotype.

Calea formosa Chodat

Paraguay, Ipé-hu. Hassler 4943. X. Isotype.

Calea hassleriana Chodat f. *rigida* Chodat

Paraguay, Valenzuela. Hassler 6789. XII. Isotype.

Calea herbert-smithii Rusby

Colombia, Santa Marta, Onaca. Smith 648. Isotype.

Calea hispida Baker f. *subintegerrima* Malme

Brazil, Paraná, Jaguarihyva, in campo. Dusén 9187, 5.II.1910. Lectotype. - Brazil, Paraná, Carabehy', in campo. Dusén 11296, 25.XII.1910. Paratype.

Calea holtoni Rusby

Colombia, Santa Marta, 5 miles east of Bonda. Smith 524, IX-X. Isotype.

Calea ilienii Malme

Brazil, Paraná, Serrinha, in campo rupestri. Jönsson 141a, 6.IV.1914.
Holotype.

Calea kingii H. Robinson

Ecuador, prov. Azuay, along the road to Girón ca. 11 km NE of Girón,
elev. ca. 8900 ft. King 6681, 3.II.1974. Isotype.

Calea kristinia Pruski

Brazil, Porto Alegre. Rambo 37768, 1.X.1948. Holotype.

Calea lutea Pruski & Urbatsch

[Brazil] Pará, Mun. de Itaituba, arredores da Base Aérea do Cachimbo.
Silva et al. 76, 25.IV.1983. Isotype.

Calea monocephala Dusén

Brazil, Paraná, Desvio Ribas, in campo. Dusén 7599, 20.I.1909. Lectotype.

Calea papposa Malme

Brazil, Matto Grosso, Santa Anna da Chapada. Malme 1470B, 7.III.1894.
Holotype.

Calea platylepis Sch. Bip.

Brazil, Minas Geraes, Caldas. Widgren 162, 1845. Isolectotype. - Brazil,
Lagoa Santa. Warming s. n. Paratype. - Brazil, Minas Geraes, Caldas.
Lindberg 64, 30.X.1854. Paratype. - Brazil, Minas Geraes, Caldas. Regnell
III 787, 22.XI.1879. Paratype. - Paraguay. Balansa 806a, 18.X.1874.
Paratype.

Calea platylepis Sch. Bip. var. *mollis* Chodat

Paraguay, Tapiraguay. Hassler 4249, VIII. Isotype.

Calea platylepis Sch. Bip. var. *reticulata* Chodat

Paraguay, Apa. Hassler 8490, II. Isolectotype.

Calea punctata Maguire & Wurdack

Guayana, Serranía Yutaje, Rio Manapiare. Maguire & Maguire 35196,
12.II.1953. Isotype.

Calea rojasiana Chodat

Paraguay, Concepción. Hassler 7390, IX. Isotype.

Calea rupicola Chodat

Paraguay. Hassler 5137. Paratype. - Paraguay, Arroyo Primevo, Apa.
Hassler 8457. II. Paratype.

Calea umbellulata Hochr.

Peru. Mathews 3086. Isotype.

Calendula micrantha Tin. & Guss.

[Italy] Palermo. Tineo misit. Type.

Calocephalus badmanii P. S. Short

South Australia, 67 km S of William Creek, on the Oodnadatta track. Just N. of Dillinna Creek. Nordenstam & Anderberg 975, 1.XI.1989. Isotype.

Calotesta alba Karis

South Africa, Cape prov., Ladismith distr., ridge of Kouvelsberg opposite Elandsberg, Swartberg. Esterhuysen 30664, 29.III.1964. Holotype.

Calycadenia multiglandulosa DC. ssp. *robusta* Keck

USA, California, Santa Clara Co., E flank of Mt. Hamilton, 1 mile W of Isabel Creek, on San Antonio road. Keck & Stockwell 2486, 22.VIII.1933. Type.

Carduus afromontanus R. E. Fries

Kenya occid., pr. Forest Station, 2350 m. Fries & Fries 694 a, 3.III.1922. Isotype.

Carduus arvaticus Font Quer & Rothm. (*Carduus medius* x *phyllolepis*)

Spain, Asturia, in decliv. herbosis l. Vallegrande, pr. Puerto de Pajares, 1360 m. Font Quer & Rothmaler s. n., 11.VIII.1935. Type.

Carduus conjungens R. E. Fries

Kilimandscharo, 4500 m. Grote ? 3950, 1.I.1913. Type.

Carduus ellenbeckii R. E. Fries

Gaua highland, Sidamo, Jam-Jam. Ellenbeck 1754, 15.XII.1900. Type.

Carduus keniensis R. E. Fries ssp. *hedbergii* Kazmi

Tanganyika Terr. [Tanzania], Mt Meru, W slopes above Olkakola estate, 3150 m. Hedberg 2408, 31.X.1948. Holotype.

Carduus keniensis R. E. Fries var. *aberdaricus* R. E. Fries

Kenya occid., in campo graminoso in regione bambusina superiore. Fries & Fries 2437, 15.III.1922. Isotype.

Carduus keniensis R. E. Fries var. *elgonensis* R. E. Fries

E Africa, Mt Elgon, 10000 ft. Lindblom s. n., VI.1920. Holotype.

Carduus kikuyorum R. E. Fries

Kenya occid., pr. Forest Station, 2300 m. Fries & Fries 426, 28.XII.1922.
Isotype.

Carduus kilimandscharicus R. E. Fries

Loco ignoto. Grote ? s. n. Type.

Carduus leptacanthus R. E. Fries

Abyssinia [Ethiopia] in fruticetis humidis lateris borealis montis Aber prope
Genausa. Schimper 910, 2.IV.1840. Type.

Carduus nanus R. E. Fries

Kenya occid., in campo graminoso in regione bambusina. Fries & Fries
2397, 13.III.1922. Isotype.

Carduus platyphyllus R. E. Fries

Kenya occid., in regio alpina inferior, ad rivulum, 3500 m. Fries & Fries
1363, 2.II.1922. Isotype.

Carduus rechingeranus Kazmi

Anatolia, Pamphylia, Kirkgoz, 300 m. Tengwall 323, 12.IV.1936.
Holotype.

Carduus silvarum R. E. Fries

Kenya occid., pr. Forest Station, 2350 m. Fries & Fries 694, 3.III.1922.
Isotype.

Carduus stolzii R. E. Fries

Nyassa Hochland-Station Kyimbila, 1600-1800 m. Stolz 1562, 19.IX.1912.
Holotype.

Carduus transcaspicus Gandoger

Regio transcaspica, Kisil-Arwat, Karakala, in pratis subalpinis montis
Sundsodagh. Sintenis 1734, 18.V.1901. Isotype.

Carphobolus regnellii Sch. Bip.

Brazil. Prov. Minas Geraes, Caldas. Regnell II 150, 30.IX. Lectotype. -
Brazil. Prov. Minas Geraes, Caldas. Regnell II 150, VII.1866. Paratype. -
Brazil. Prov. Minas Geraes, Caldas. Regnell II 150 bis, 16.IX.1861.
Paratype. - Brazil. Prov. Minas Geraes, Caldas. Regnell II 150 bis a.
Paratype.

Castalis tragus (Ait.) T. Norl. var. ***pinnatifida*** T. Norl.

[South Africa, Cape Prov. Calvinia Div.] Onder-Bokkeveld, Matjesfontein
in collibus, 2200 ft. Schlechter 10920, 20.VIII.1897. Holotype.

Cenia pectinata DC.

[South Africa] Cape, Cap. Recief, Algoa Bay (Uitenhaag). Ecklon, 30.II. Isotype.

Centaurea aziziana Rech. f.

Iran, prov. Mazanderan, distr. Kudjur, inter Sanus et Kindj, 1300-1600 m. Rechinger 6576, 9-11.VIII.1948. Type.

Centaurea cariensis Boiss. ssp. *longipapposa* Wagenitz

Phrygia, Sultandagh, in rupestribus et saxosis ad Akscheher (Wilajet Konia), 1100-1200 m. Bornmüller 5206, 26.VI.1899. Isotype.

Centaurea erinacella Rech. f.

Iran, prov. Shahrud-Bustam, in declivibus australibus montium Shahvar, 3500-3900 m. Rechinger 6044, 20-26.VII.1948. Type.

Centaurea esfandiari Rech. f. & Aellen

Iran, prov. Shahrud-Bustam, in jugo Khosh-Jaila, ca 70 km ab oppido Shahrud orientem versus, 2000 m. Rechinger, Aellen & Esfandiari 5483, 17.VI.1948. Type.

Centaurea galactochroa Rech. f.

Iran, prov. Khorasan, Mts. Kopet Dagh supra Kucan, 1700 m. Rechinger 1633, 14.VII.1937. Type.

Centaurea lycopifolia Boiss. & Kotschy

Syria bor., ex Amano prope Beilan, frequens ad praerupta Beilan in ipso pago alt. 2000 ft. Kotschy 65, 23.VI.1862. Type.

Centaurea microcnis Reese & Samuelss.

Desertum syriacum (palmyrense), ca 20 km ad sept. pagi Karyatein, in lapidosis. Reese s. n., 10.V.1933. Type.

Centaurea persica Boiss. var. *pseudodeinacantha* Rech. f.

Iran, Khorasan, in valle fluvii Adrak inter Shirhan et Budjnurd. Rechinger 1811. 27.VII.1937. Type.

Centaurea psephelloides Freyn & Sint.

Armenia turcica, Egin, Szanduk, ad parietes rupium. Sintenis 2268. 17.V.1890. Isotype.

Centaurea pseudoreflexa Hayek

Turcia asiatica, Cilicia, Vilajet Kania. In subalpinis Tauri merid. supra Bulghar Maaden. Siehe s. n. Isolectotype.

Centaurea tempskyana Freyn & Sint.

GümüşKhane, in lapidos. mont. Aktasch. Sintenis 6046. 10.VII.1894.
Type.

Centaurea tossiana Freyn & Sint.

Paphlagonia, Wilajet Kastambuli, Tossia, Giaurdagh (Iter orientale).
Sintenis 4796. 29.VII.1892. Type.

Centaurea verutum L. ssp. *basaltica* Rech. f.

Syria, Haouran, solo basaltico, prope Cheik Meskine, 500 m. Samuelsson
4800, 11.V.1933. Type.

Centaurodendron palmiforme Skottsbo.

[Chile] Juan Fernandez, Masatierra, Quebrada de la Damajuana. Sparre &
Planella 180, 20.IX-21.X.1955. Isotype.

Centaurodendron palmiforme Skottsbo.

[Chile] Juan Fernandez, Masatierra, Quebrada de la Damajuana. Sparre
180. 1.X.1955. Type.

Centratherum metzianum Sch. Bip. ex Hook.

India orientalis (Terr. Canara.), in campis urbem prope Mangalor.
Hohenacker 175, 1851. Isolectotype.

Centratherum punctatum Cass. ssp. *camporum* Hassler var. *albicans* Hassler

Paraguay, in regione fluminis Yhú. Hassler 9573, 1905. Isolectotype.

Centratherum punctatum Cass. ssp. *camporum* Hassler var. *viscosissimum* Hassler

Paraguay. Hassler 4768. Isolectotype.

Centratherum punctatum Cass. ssp. *punctatum*

Brazil, Rio de Janeiro, Gardner 2208. Type.

Cephalophora brachyantha Phil.

[Chile] Aconcagua. Philippi s. n. Type.

Cephalophora collina Phil.

[Chile] Aconcagua. Philippi s. n. Type.

Cephalophora rigida Phil.

[Chile] Colchagua. Philippi s. n. Type.

Cephalophora scaposum Britton

Cuba, Isle of Pines, Vicinity of Siguanea. Britton et al. 14346, 15.II-
6.III.1916. Isotype.

Cephalophora setigera Phil.

[Chile] Coquimbo. Philippi s. n. Type.

Cephalophora urmenetae Phil.

[Chile] Coquimbo. Philippi s. n. Type.

Chabraea canescens Phil.

[Chile] Santiago. Philippi s. n. Type.

Chaenocephalus rupestris Urban

Jamaica. Harris 7795, 15.I.1900. Type.

Chaenocephalus suncho Griseb.

Argentina, Oran. Lorentz & Hieronymus s. n., 2.IX.1843. Type.

Chaetanthera linearis Poepp. var. *taltalensis* Johnston

Chile, Prov. Antofagasta, Dep. Taltal, vicinity of Taltal. Johnston 5637, 11.XII.1925. Type.

Chaptalia angustata Urban

Santo Domingo, prope Constanza. von Türckheim 2908, II.1910. Type.

Chaptalia azuensis Urban & Ekman

Hispaniola, Santo Domingo, Cordillera Central, prov. de Azua, Loma Nalga de Maco. Ekman H 6305, 9.VI.1926. Type.

Chaptalia crassiuscula Urban

Cuba, prov. Oriente, Sierra de Nipe. Ekman 9127, 20.II.1918. Type.

Chaptalia crispata Urban & Ekman

Hispaniola, Haiti, Massif de la Selle, Marigot, near Rivière Chotard. Ekman H 8004a, 12.IV.1927. Type.

Chaptalia denticellata Urban & Ekman

Hispaniola, Haiti, Massif de la Selle, Port-au-Prince, Rivière Momence. Ekman H 5493, 2.II.1926. Type.

Chaptalia dolichopoda Urban & Ekman

Hispaniola, Haiti, Massif de la Selle, Croix-des-Bouguets, Badeau. Ekman H 7796a, 7.III.1927. Type.

Chaptalia ekmanii Urban

Cuba, prov. Pinar del Rio, Pinar de Cajábana. Ekman 17340, 28.VIII.1923. Type.

Chaptalia flavicans Urban & Ekman

Hispaniola, Haiti, Massif de la Selle, group Morne des Commissaires, Grand-Grosier. Ekman H 6903, 4.IX.1926. Type.

Chaptalia ignota Burkart

Argentina, Buenos Aires. Burkart 5597, III.1933. Type.

Chaptalia laticeps Urban & Ekman

Hispaniola, Haiti, Massif du Nord, Gros-Morne, Morne Belanse, open grassy and stony slopes. Ekman H 4921, 26.IX.1925. Type.

Chaptalia leptophylla Urban

Cuba, prov. Oriente, Sierra de Nipe. Ekman 9559, 26.IV.1919. Type.

Chaptalia mandonii Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 11, 1854. Type.

Chaptalia mornicola Urban & Ekman

Hispaniola, Haiti, Massif de la Selle, Nouvelle Touraine, Chapelle Faure, in earth slopes. Ekman H 1413, 10.VIII.1924. Type.

Chaptalia nipensis Urban

Cuba, prov. Oriente, Sierra de Nipe. Ekman 3094, 14.X.1914. Type.

Chaptalia obovata Wright

Cuba. Wright s. n. Type.

Chaptalia similis R. E. Fries

Argentina, prov. Jujuy, Abra de Palomar in Quebrada del Foro. von Hofsten 823, 16.XI.1901. Type.

Chaptalia stuebelii Hieron.

Ecuador, prov. Pichincha, mount Pichincha. Holmgren 297, 4.II.1920. Neotype.

Chaptalia undulata Urban & Ekman

Hispaniola, Haiti, Massif du Nord, St.-Louis du Nord, slope of Morne Baron. Ekman H 4696, 20.VIII.1925. Type.

Chaptalia vegaensis Urban & Ekman

Hispaniola, Santo Domingo, Cordillera Central, prov. de la Vega, Bonaio, Loma Peguera. Ekman H 11480, 8.II.1929. Type.

Chevreulia longipes Wedd.

Bolivia, Larecaja, Sorata. Mandon 164, II-III.1857. Type.

Chiliocephalum schimperi Benth.

Abyssinia [Ethiopia], Semen. Schimper 890, 1852 ?. Type.

Chionolaena arbuscula DC. var. ***hololeuca*** Baker ex Glaz. (see *Achyrocline capitata*)

Brazil, Minas Geraes, Itatiaia. Glaziou 4843. Isolectotype.

Chionolaena glaziouii Baker

[Brazil] Prov. Rio de Janeiro. Glaziou 8769. Isolectotype.

Chionolaena isabellae Baker

Brazil, Minas Geraes, Itatiaia. Glaziou 6601. Lectotype. - Brazil, Minas Geraes, Itatiaia. Glaziou 4840. Paratype.

Chionolaena jeffreyi H. Robinson

Brazil, Bahia, Município de Rio Contas, Pico das Almas a 18 km NW de Rio de Contas, 1600-1850 m. King, Mori, dos Santos & Hage 8141, 24.VII.1979. Isotype.

Chondrilla polydichotoma Ostenf.

[Tibet] Gölme-käti. Sötvattensjö vid nedre Tasim, 880 m. Hedin, 19.V.1900. Type.

Chondrilla scoparia Rech. f., Aellen & Esfand.

Iran, Baluchistan, inter Khash (Vasht) et Iranshahr (Bampur), 1500-1600 m. Rechinger, Aellen & Esfandiari 3950, 16-17.V.1948. Type.

Chresta angustifolia Gardner

[Brazil] Prov. Goyaz. Gardner 3802. Isotype.

Chresta pycnocephala DC.

[Brazil], Minas Geraes, Diamond District. Gardner 4819. Type.

Chromolaena lundellii R. M. King & H. Robinson

Guatemala, Dep. of Peten, Flores, bordering Lake Peten Itza. Contreras 7278, 10.XII.1967. Isotype.

Chrysanthellina swartzii Cass. (*Verbesina mutica* Sw.)

Jamaica. Swartz s. n. Type.

Chrysanthellum erectum Andersson

Galapagos. Andersson 176. Holotype.

Chrysanthellum fagerlindii U. Eliasson

Galapagos, Santiago. Fagerlind & Wibom 3426. Holotype.

Chrysanthellum mexicanum Greenm.

Mexico, Jalisco, banks of ravine near Guadalajara. Pringle 3259, 10.IX.1890. Isotype.

Chrysanthellum weberbaueri Chung

Peru, valley of the Mantara, below Colcabamba, dep. Huancavelica, prov. Tayacaja. Weberbauer 6465, III.1913. Isotype.

Chrysanthemum carnosulum DC. var. *filifolium* Harv.

[South Africa, Cape] Swellendam. Pappe s.n. Isolectotype.

Chrysanthemum haematomma Lowe

S. Deg. Lowe 832, 18.VI.1833. Isotype.

Chrysanthemum lavandulaefolium (Fisch.) Mak. var. *discoideum* Hand.-Mazz.

China, Sikang, Kangting (Tachienlu) distr., Vaszeko, 1700 m. Smith 13302, 11.XI.1934. Cotype.

Chrysanthemum rockii (Mattf.) Hand.-Mazz. var. *amphisericeum* Hand.-Mazz.

China, Sikang, Kangting (Tachienlu) distr., Vaszeko, 1700 m. Smith 13345, 11.XI.1934. Cotype.

Chrysanthemum shahrudense Rechinger, Aellen & Esfand.

Iran, prov. Shahrud-Bustam, in jugo Khosh-Jaila, 70 km ab oppido Shahrud orientem versus. Rechinger, Aellen & Esfandiari 5416, 17.VI.1948. Type.

Chrysocoma crassa Vell.

Brazil, Paraná. Jönsson 209a, 28.IV.1914. Neotype.

Chrysocoma longifolia DC.

[South Africa] Ebenezar, Sandhöhe, under 500 ft. Drège, XI. Isotype.

Chrysocoma oblongifolia DC.

[South Africa] Zwischen Hexriviersberg und Bokkeveld, auf der Bergfläche und auf steinigeln Hügeln, 3000-4000 ft. Drège, IX. Isotype.

Chrysocoma schlechteri Bayer

[South Africa] Stinkfontein, in collibus, 900 ft., Schlechter 11076, 4. IX.1897. Isotype.

Chryso-discus niveus Steetz

[Western Australia] In solo sublimoso sterili silvae illustris districtus Peel. Preiss 69, 5.XI.1840. Holotype.

Chrysopsis longii Fernald

USA, SE Virginia, Southampton Co., 7 miles S of Franklin. Townsend 7725, 12.X.1937. Topotype.

Chthonocephalus pseudevax Steetz

[Western Australia] In solo limoso-arenoso ad fluvium Avon haud longe ab urbicula York. Preiss 2414, IX.1839. Isolectotype.

Chthonocephalus viscosus P. S. Short

Western Australia, c. 18 km from Bandy homestead, along road to Laverton. Short 1541, 21.VIII.1982. Isotype.

Chuquiraga arcuata Harling

Ecuador, prov. Canar, between Biblián and Canar, edge of thicket. Asplund 17679, 21.IX.1955. Holotype.

Chuquiraga armata Koster

Bolivia, Strauch an steinigen Abhängen bei Pojos. Herzog 2023, IV.1911. Type.

Chuquiraga aurea Skottsbl.

[Argentina] Patagonia, Puerto San José. Dusén 5346, 11.XII.1904. Type.

Chuquiraga insignis H.B.K.

Ecuador, in Andibus. Spruce 5517, 1857-1859. Type.

Chuquiraga mattogrossensis Malme

Brazil, Matto Grosso, Arecá pr. Cuyabá. Malme 1646, 2.VI.1894. Type.

Chuquiraga popayanensis Hieron.

Ecuador, prov. Pichincha, Pululagua. Asplund 6770, 6.VI.1939. Neotype.

Ciceronia chaptalioides Urban

Cuba, prov. Oriente, Sierra de Nipe, at Rio Piloso, on earth banks along the river. Ekman 15078, 9.IX.1922. Type.

Cineraria albomontana Hilliard

South Africa, E Cape, 3027 CB Lady Gray distr. Witteberg, Jouberts Pass, 7500-7700 ft. Hilliard & Burt 12177, 18.I.1979. Isotype.

Cineraria aurita L'Hérit.

Madeira. Masson s. n. Isotype.

Cineraria bergeriana Spr.

[South Africa] Steinige Gegend der 2.Höhe der Löwenrücken. Ecklon 107, X. Isotype.

Cineraria cruenta L'Hérit.

[Canary Islands] Insulis Canariis. Masson s. n. Isotype.

Cineraria densiflora R. E. Fries

Kenya sept. pr. Kongoni river in parte inferiori sivae montanae, loco deusto (Mt. Aberdare exp.). Fries & Fries 1555, 13.II.1922. Type.

Cineraria discolor Sw.

Jamaica. Swartz s. n. Type.

Cineraria glabra Sw.

Jamaica. Swartz s. n. Lectotype.

Cineraria grandibracteata Hilliard

South Africa, Natal, Richmond distr., ridge leading to Peak of Byrne, c. 5000 ft. Hilliard 8095, 29.IV.1976. Isotype.

Cineraria incana Sw.

Jamaica. Swartz s. n. Lectotype.

Cineraria laciniata Sw.

Jamaica. Swartz s. n. Lectotype.

Cineraria lucida Sw.

Martinique. Fahlberg s. n. Type.

Cineraria malvaefolia L'Hérit.

[Azores] Insulis Azoribus. Masson s. n. Isotype.

Cineraria tussilaginis L'Hérit.

[Canary Islands] Insulis Canariis. Masson s. n. Isotype.

Cineraria vagans Hilliard

South Africa, E Cape, 3226 DA Stockenstrom distr., Katberg Pass, ca. 5500 ft. Hilliard & Burt 12356, 24.I.1979. Isotype.

Cineraria vallis-pacis Dinter ex Merxm.

[Namibia] South West Africa, Friedental. Dinter 7989, 1.I.1935. Isotype.

Cirsium clokeyi Blake

USA, Nevada, Clark Co., Charleston Mts., ridge near peak, 3200-3350 m. Clokey 7456, 6.VIII.1937. Isotype.

Clibadium latifolium Rusby

Colombia, Santa Marta, banks in river Buritaca, 2 miles from sea. Smith 2014, 25.IX. Isotype.

Clibadium pallidum Diels

Ecuador, prov. Napo, Pastaza, Poyo. Sydow 807, 6.II.1938. Isotype.

Clibadium sprucei S. F. Blake

Ecuador, in Andibus. Spruce 5826, 1857-1859. Isotype.

Cnicus excelsior Robins.

Mexico, San Luis Potosi, amongst shrubs, low lands, Hacienda de Angostura. Pringle 3768, 11.VII.1891. Type.

Cnicus imbricatus Robins. & Seam.

Mexico, Oaxaca, Sierra de Clavellinas, 9000 ft. Pringle 6006, X.1894. Type.

Cnicus pringlei Watson

Mexico, Nuevo Leon, Sierra Madre near Monterey. Pringle 2507, 17.VI.1889. Type.

Cnicus purpuratus Maxim.

Japonia (Nippon) Fudzizama. Tschonoski s. n., 1864. Type.

Cnicus tolucanus Robins. & Seam.

Mexico, State of Mexico, Sierra de las Cruces. Pringle 4308, 28.VIII.1892. Type.

Cnicus velatus Watson

Mexico, State of Mexico, Flor de Maria, low meadows. Pringle 3228, 31.VIII.1890. Type.

Coleosanthus axillaris Greene

USA, New Mexico, in and around the S end of the Black Range, 1 mile N of Hillsboro, Sierra Co. Metcalfe 1446, 2.X.1904. Type.

Comptonanthus subcarnosus B. Nord.

South Africa, Cape, Vanrhynsdorp div., 4 miles N. of Holriver bridge, Moedverloor. Nordenstam 894, 10.VIII.1962. Isotype.

Conyza arvensis Phil.

[Chile] Aconcagua. Philippi s. n. Type.

Conyza berteriana Phil.

[Chile] Santiago. Philippi s. n. Type.

Conyza canescens Phil.

[Chile] Santiago. Philippi s. n. Type.

- Conyza chilensis* Spr. var. *guaranitica* Chodat & Hassler
Paraguay. Hassler 8338. Isotype.
- Conyza consanguinea* Phil.
[Chile] Coquimbo. Philippi s. n. Type.
- Conyza dumetorum* Phil.
[Chile] Santiago. Philippi s. n. Type.
- Conyza linifolia* Phil.
[Chile] Valdivia. Philippi s. n. Type.
- Conyza lurida* J. A. Schmidt
[Cape Verde Isl.] In rupestribus ins. S. Antonii. Schmidt s. n., III.1851.
Isotype.
- Conyza modesta* Phil.
[Chile] Aconcagua. Philippi s. n. Type.
- Conyza pallidiflora* R. E. Fries
[Kenya] Mt Kenya occid., prope Forest Station, 2300 m. Fries & Fries
1165, 21.I.1922. Type.
- Conyza pratensis* Phil.
[Chile] Valdivia. Philippi s. n. Type.
- Conyza purpurascens* Sw.
Jamaica. Swartz s. n. Type.
- Conyza rigida* Sw.
Jamaica. Swartz s. n. Lectotype.
- Conyza rubricaulis* R. E. Fries
[Kenya] Mt Kenya occid., prope Forest station, 2300 m. Fries & Fries 375,
26.XII.1921. Type.
- Conyza theodori* R. E. Fries
[Kenya] Mt Kenya occid., regio bambusina inferior, 2500 m. Fries & Fries
1209, 27.I.1922. Type.
- Coreopsis congregata* Blake
Mexico, Sinaloa, Trail El Batel to Pico del Aquila. Sierra Madre Mts, 1230
m. Mexia 445, 14.XI.1925. Cotype.
- Coreopsis cuneifolia* Greenm.
Mexico, Jalisco, dry rocky mountains above Etzatlan. Pringle 8781,
2.X.1903. Type.

Coreopsis macbridei Sherff

Peru, Huanuco. Macbride 3504, 25.IV.1923. Isotype.

Coreopsis prestinaria Sch. Bip.

Abyssinia [Ethiopia], Tigre (plantae Adoenses). Schimper 62, 19.IX.1837. Isolectotype.

Coreopsis pringlei Robins.

Mexico, Queretaro, dry ledges, San Juan del Rio, 6800 ft. Pringle 10050, 8.IX.1905. Isotype.

Coreopsis schimperi O. Hoffm. (*Bidens carinata*)

Abyssinia [Ethiopia], Gaffat. Schimper 1386, 15.X.1863. Isolectotype.

Coreopsis steppia Steetz

Mozambique, Quelimane distr., Lugela-Mocuba distr., Namagoa Estate. Faulkner Kew 10. Isonotype.

Coreopsis suaveolens Sherff

Chile, prov. Tarapacá, dep. Tarapacá, Cord. de Lallinca, alt. ca. 3800 m. Werdermann 1114, III.1926. Isotype.

Cotula abyssinica Sch. Bip.

Abyssinia [Ethiopia], in campis humidis Poae abyssinicae prope rivulum Maitra. Schimper 137, 3.XI.1837. Isolectotype.

Cotula paludosa Hilliard

South Africa, E Cape, Barkly East distr., Rhodes to Naude's Nek, 8600 ft. Hilliard & Burt 6702, 22.II.1971. Isotype.

Cotula pilulifera L. fil.

South Africa, Cape Prov., Laingsburg-P. Albert Div., Nat. Rd over Dwyka River. Nordenstam 161, 7.VI.1962. Neotype.

Cotula socialis Hilliard

South Africa, E Cape, Barkly East div., Rhodes to Naude's Nek, 7800 ft. Hilliard & Burt 6680, 21.II.1971. Isotype.

Cotula umbellata L. f.

[South Africa] Cap. b. Spei. Thunberg s. n. Isotype.

Cousinia acanthophysa Rech. f.

Iraq, distr. Mosul (Kurdistan), ad confines Turciae prov. Hakari in dit. pagi Sharanish. Rechinger 10922, 4-9.VII.1957. Type.

Cousinia actinia Boiss.

Afghanistan. Griffith 3276. Type.

Cousinia alگردina Rech. f.

Iraq, distr. Erbil (Kurdistan), Mons Helgurd ad confines Persiae, in valle supra pagum Nowanda. Rechinger 11465, 10-14.VIII.1957. Type.

Cousinia ammophila Rech. f.

E Afghanistan, Ghazni, ad marginem orientalem altoplanitiei Dasht-i Nawar, 3000 m. Rechinger 37300, 18.VII.1967. Type.

Cousinia annua C. Winkl.

Turcestan, inter puteos Ischak-rabat & Kafarak. Regel s. n. 12-23.V.1884. Type.

Cousinia arachnoidea Fisch. & Mey.

Songoria. Richter 1648, 1847. Type.

Cousinia arctotidifolia Bunge var. *gracilescens* Bornm. & Rech. f.

Iran, prov. Khorasan, Bizg, in aridissimis. Rechinger 1393, 4-6.VII.1937. Type.

Cousinia arctotidifolia Bunge var. *taraxacifolia* Bornm. & Gauba

Iran, prov. Khorasan, inter Nishpur et Meshhed, 1000-1300 m. Rechinger 1333, 2.VII.1937. Type.

Cousinia arida C. Winkl.

Afghanistan, Hari-rud valley. Aitchinson 740, 28.VII.1885. Type.

Cousinia cylindracea Boiss.

[Iran] Persia australis, in lapidosis planitiei editae Kakan in m. Kuh-Daëna. Kotschy 671, 17.VII.1842. Type.

Cousinia cymbolepis Boiss.

[Iran] Pl. alepp. kurd. moss., in rupestribus superiorum regionum m. Gara Kurdist. Kotschy 380, 6.VIII.1841. Type.

Cousinia decumbens Rech. f.

Iran, prov. Shahrud-Bustam, in declivibus australibus montium Shahvar ad Nekarman, supra Rahé. Rechinger 6003, 20-26.VII.1948. Type.

Cousinia diptercarpa Bornm. & Rech. f.

Iran, prov. Khorasan, montes Kopet Dagh inter Kucan et Lutfabad, in jugo Alamli, 2000 m. Rechinger 1665, 14-15.VII.1937. Type.

Cousinia drusorum Bormm. & Samuelss.

Palestina borealis, lava fields near Shahbah, 1200 m. Dinsmore 11043, 28.VI.1932. Type.

Cousinia eryngioides Boiss.

[Iran] Persia. Kotschy 623. Type.

Cousinia esfandiarii Rech. f. & Aell.

Iran, prov. Shahrud-Bustam, in jugo Khosh-Jaila, 70 km ab oppid. Shahrud orient. versus, 2000-2200 m. Rechinger, Aellen & Esfandiari 5426, 17.VI.1948. Type.

Cousinia freynii Bormm. & Sint.

Regio transcaspica, Aschabad, Suluklü (Saratowka), ad fines Persiae. Sintenis 683, 2.VII.1900. Type.

Cousinia fulgens Bormm. & Rech. f.

Iran, prov. Khorasan, Kopet-Dagh, in jugo Alamli, 2000 m. Rechinger 1669, 15.VII.1937. Type.

Cousinia glauciifolia M. Kult.

Asia media, montes meridionales, Sogdiano-transoxanae, montium Kuhitang supra pagum Kizyl-alma. Popov & Vvedensky 481, 28.VI.1927. Type.

Cousinia gracilis Boiss.

[Iran] Persia australis, in alpe Kuh-Delu. Kotschy 563, VI.1842. Type.

Cousinia griffithiana C. Winkl.

Afghanistan. Griffith 3265. Type.

Cousinia heteroloba Rech. f.

Afghanistan, prov. Qataghan (Katagan) Pul-i Khumri (Gomri) in valli fluvii Qunduz, 700 m. Rechinger 16516, 11.VI.1962. Type.

Cousinia heterophylla Boiss.

Afghanistan. Griffith 3277. Type.

Cousinia hybrida Rech. f. (*Cousinia crispa* x *sphaerocephala*)

Iran, prov. Mazanderan, distr. Nur, inter Kamaraband et jugum Naftab, 3000 m. Rechinger 6467, 8.VIII.1948. Type.

Cousinia insignis Rech. f.

C Afghanistan, Deh Kundi, in saxosis 10 km W of Shahrestan, versus Deh Kundi. Rechinger 36810, 2.VII.1967. Type.

Cousinia irritans Rech. f.

Iran, prov. Shahrud-Bustam, in declivibus australibus montium Shahvar supra Nekarman (Nigarman). Rechinger 5955, 20-26.VII.1948. Type.

Cousinia kirrindica Bormm. & Rech. f.

Iran, inter Kermanshah et Kirrind, substr. calc. Rechinger 2136, 17.VII.1937. Type.

Cousinia lachnosphaera Bunge var. *thionandra* Bormm. & Rech. f.

Iran, prov. Khorasan, inter Meshed et Fariman, 1000-1300 m. Rechinger 1355, 4.VII.1937. Type.

Cousinia leptcephala Fisch. & Mey.

Turcomania. Karelin misit. Type.

Cousinia leptomera Rech. f.

Afghanistan, prov. Ghorat, in declivibus borealibus montis Kuh-Tscheling-Safed-Daraq, a Parjuman. Rechinger 19068, 31.VII-1.VIII.1962. Type.

Cousinia leucantha Bormm. & Sint.

Regio transcaspica, Kasil-Arwat, Karakala, ad summum montem Sundsodagh. Sintenis 1945, 12.VI.1901. Type.

Cousinia libanotica DC.

Afghanistan. Griffith 3263. Type.

Cousinia malacophylla Rech. f.

Afghanistan, prope pagum Dorahi Tarbulak inter Panjao et Lal. Rechinger 18794, 25.VII.1962. Type.

Cousinia meshhedensis Bormm. & Rech. f.

Iran, prov. Khorasan, inter Meshed et Turbat-e Haidari, inter Robat-Safid et Turbat-e Haidari. Rechinger 1567, 10-11.VII.1937. Type.

Cousinia nekarmanica Rech. f.

Iran, prov. Shahrud-Bustam, in declivibus austral. montium Shahvar ad Nekarman (Nigarman). Rechinger 5820. 20-26.VII.1948. Type.

Cousinia oligocephala Boiss.

[Iran] Persia australis, ad latera in merid. spectantia jugi, Posan-Pir dicti in alpe Kuh-Daëna. Kotschy 693, 20.VII.1842. Type.

Cousinia onopordon Freyn & Sint.

Armenia turcica, Sipikordagh, in declivis vers. Sipikor. Sintenis 3285, 25.VII.1890. Type.

Cousinia oreodoxa Bornm. & Sint.

Regio transcaspica, Aschabad, Suluklü (Saratowka), ad fines Persiae.
Sintenis 1000, 30.VII.1900. Type.

Cousinia porphyrostephana Rech. f.

E. Afghanistan, Salang N Charikar. Rechinger 31311, 25.VI.1965. Type.

Cousinia pseudaffinis M. Kult.

Asia media, deserta meridionalis, Margiano-transoxana, inter st. v. f. Kizyl-tepe et pag. Malik. Popov 485, 1.VI.1926. Type.

Cousinia rechingerae Bornm.

Iran, prov. Khorasan, in montibus inter Budjnurd et Morawe Tappeh.
Rechinger 1927, 25-27.VII.1937. Type.

Cousinia rechingerorum Bornm.

Iran, prov. Khorasan, in monte Kuh-e Bizg, 1600 m. Rechinger 1418, 4-6.VII.1937. Type.

Cousinia rosea M. Kult.

Asia media, montes meridionales, Sogdiano-transoxanae, prope pag Bovaschady etc. Granitov & Kultiassov 486, 25.VI.1927. Type.

Cousinia salangensis Rech. f.

E Afghanistan, in declivibus meridionalibus jugi Salang N Charikar.
Rechinger 31300, 25.VI.1965. Type.

Cousinia scariosa Regel

Afghanistan. Griffith 3273. Type.

Cousinia shahrestanica Rech. f.

C Afghanistan, Deh Kundi, 3-30 km NE Shahrestan, 2200 m. Rechinger 36730, 1-2.VII.1967. Type.

Cousinia shahvarica Rech. f.

Iran, prov. Gorgan (Asterabad) in decl. boreal. montium Shahvar prope Hadjilang, 2600 m. Rechinger 6205, 26-27.VII.1948. Type.

Cousinia stenocephala Boiss.

Pl. Mesopot., Kurdist. & Mossul. Kotschy 400, 1841. Type.

Cousinia strictissima Rech. f.

Iran, prov. Shahrud-Bustam, in decl. austr. montium Shahvar ad Nekarman, versus Dihi, 2300-2500 m. Rechinger 5950, 20-26.VII.1948. Type.

Cousinia syrdarjensis M. Kult.

Asia media, montes meridionales, Tian-schan occidentalis, prope urbem Taschkent. Vvedensky 488, 22.VI.1928. Type.

Cousinia tricolor Rech. f.

Afghanistan, prov. Ghorat, Dolaini, Darreh Garmak, inter Qala Chahrak et Naourak, 2540 m. Rechinger 18904, 27.VII.1962. Type.

Cousinia triflora Schrenk

Soongarei, in montibus Chontau. Schrenk 250. Type.

Cousinia vavilovii M. Kult.

Asia media, prov. Syr-Darja, distr. Aulie-ata, in montibus Alexandri prope Utsch-bulak. Popov 198, 7.VII.1924. Type.

Cousinia verticillata Bunge var. *major* Boiss.

Afghanistan. Griffith 3282. Type.

Crepis barbigera Leiberg

USA, Washington, near Alkali Lake, Douglas Co., 400 m. Sandberg & Leiberg 313, 25.VI.1893. Type.

Crepis boliviensis Wedd.

Bolivia, prov. de Tomina, dep. de Chuquisaca, in monte Curi. Weddell 3738, XII.1845. Holotype fragment and photograph.

Crepis dobrujiica Babcock

[Romania] Dobrujscha, Mahmudie. Sintenis s. n., 16.VI.1874. Type.

Crepis filiformis Dryander

Madeira. Masson s. n. Isotype.

Crepis flexiscapa Rech. f.

Creta, distr. Sitia. In saxosis calc. promontorii Sidero. Rechinger 12621, 8.V.1942. Type.

Crepis foetida L. ssp. *sitiaca* Rech. f.

Creta, distr. Sitia, in glareosis calc. litoralis australis infra Achladi. Rechinger 12730, 10.V.1942. Type.

Crepis fontiana Babcock

Morocco, prope El Araix, in herbosis. Font Quer 740, 19.III.1930. Type.

Crepis grammolepis Rech. f.

Iran, prov. Khorasan. montes Kopet Dagħ inter Kucan et Lutfabad. Rechinger 1677, 14-15.VII.1937. Type.

- Crepis kernerii* Rech. f. var. *dörfleri* Rech. f.
N Albanien, distr. Sala. Im Felsgerölle ober Bjeska maze, nördl. von Kbata,
1900 m. Dörfler 257, 15.VII.1916. Type.
- Crepis kilimandscharica* O. Hoffm. var. *meruensis* R. E. Fries
E. Africa, Meru, 3500–4000 m, Sjöstedt, I.1906. Type.
- Crepis kurdica* Rech. f.
Iraq, distr. Erbil (Kurdistan), montes Qandil ad confines Persiae, supra
lacum Goam-e Kirmosoran. Rechinger 11128, 28.VII-1.VIII.1957. Type.
- Crepis macrorhiza* Lowe ex Hooker
Madeira. Masson s. n. Isotype.
- Crepis palestina* (Boiss.) Bomm. ssp. *transjordanica* Rech. f.
Palestina, Transjordanica, Wadi Shaib, in colle stepposo lapidoso, 300 m.
Samuelsson 2545, 26.III.1933. Type.
- Crepis poeppigii* Sch. Bip. var. *magellanica* Sch. Bip.
Magellanica, prope Sandy Point. Lechler 1144. XII.1852-I.1853. Isotype.
- Crepis smithiana* Hand.-Mazz.
China, Sikang, Taofu (Dawo) distr., Taining (Ngata), 3600 m. Smith
11746. 4.IX.1934. Cotype.
- Crepis succulenta* Dryander
Madeira. Masson s. n. Isotype.
- Culcitium argenteum* Dusén
Patagonia, Rio Fosiles in terra nuda. Dusén 5962. 27.III.1905. Type.
- Culcitium rex* Sandwith
Venezuela, Merida, Paramo de Conejos. Hanbury-Tracy 151. 25.IX.1938.
Type.
- Cullumia adpressifolia* Sond.
[South Africa, Cape Prov.] Rivierzonder Einde. Zeyher 3024 a. Type.
- Cullumia selago* Roessler
[South Africa] Terra Capensis, reg. occidentalis, Zwartberg, 2000 ft.
Schlechter 9782. 20.XII.1896. Isotype.
- Cullumia sulcata* (Thunb.) Less. var. *intercedens* Roessler
[South Africa] Zwelldam, Rivier-zondereinde, Appelskraal, Ecksteen,
500–4000 ft. Ecklon & Zeyher 90. 9. IX. Isotype.

- Cyanthillium cinereum* (Less.) H. Robins. var. *ovatum* Isawumi
Madagascar. Thunberg (?) s. n., (ex herb. Swartz). Holotype.
- Cymophila hintonii* Turner & Powell
Mexico, Hizontla, Coalcoman distr. Hinton 12590. 17.XI.1938. Isotype.
- Cynara glomerata* Thunb.
Sine loco. Isotype. - Sine loco. Thunberg s. n. Isotype.
- Cynara horrida* Aiton
Insula Porto Santo prope Madeira. Masson s. n. Lectotype.
- Cynara humilis* L. var. *lacunculata* Brotero
Sine loco, Broterus s. n. Lectotype.
- Dendroseris litoralis* Skottsberg
[Chile] Juan Fernandez, Santa Clara. Skottsberg & Skottsberg 342,
26.I.1917. Type.
- Dendroseris regia* Skottsberg
[Chile] Juan Fernandez, Masafuera. Skottsberg & Skottsberg 570,
25.II.1917. Type.
- Dichrocephala alpina* R. E. Fries
Kenya, Mt Aberdare, pr. Sattima, 3000 m. Fries & Fries 2418, 15.III.1922.
Type.
- Dielitzia tysonii* P. S. Short
Western Australia, 17.2 km NE of 'Nallen' on 'Yarrabubba' road. Lander
1389, 23.VIII.1986. Isotype.
- Dimorphotheca caulescens* Harv.
[South Africa] Cape, cis-Gariepina, Zuurepoort, nördliche Grenze der
Stormbergen, 3000-5000 ft. Zeyher 112.11, XI. Lectotype.
- Dimorphotheca montana* T. Norl. var. *venusta* T. Norl.
South Africa, Cape Prov., Paarl Div., Wemmershoek Pk, 1200-1500 m,
Esterhuysen 11340, 31.XII.1944. Isotype.
- Dimorphotheca venusta* (T. Norl.) T. Norl. var. *amoena* (T. Norl.) T. Norl.
South Africa, Cape Prov., Worcester Div., Hex River Mts, Fonteintjiesberg
- Sentinel, 1700 m, Esterhuysen 22210, 1.XI.1953. Isotype.

Dimorphotheca zeyheri Sond.

[South Africa, O.F.S.] Trans-Garipina, Nieuwejaarsspruit, zwischen Garip und Caledonrivier, am Fuss der Witbergen, 4000-5000 ft. Zeyher 114.10., X. Herb. Sonder. Holotype.

Dinoseris salicifolia Griseb.

Argentina, Jujuy. Lorentz & Hieronymus 1012-14, IV.1873. Type.

Diplostemma acaulis Sch. Bip.

[Sudan] Locis arenosis planitiei ad montem Cordofanum Arasch-Cool (Iter Nubicum). Kotschy 104, 2.X.1839. Type.

Disparago anomala Schltr.

[South Africa] Reg. occid., Papiesvlei, 500 ft. Schlechter 10443, 14.IV.1897. Type.

Disparago barbata Koekemoer

[South Africa] Cape prov., Worcester distr., Matroosberg, 5000-6000 ft. Esterhuysen 28615, 13.XI.1960. Isotype.

Disparago gongylodes Koekemoer

South Africa, Cape, 3319 AA Worcester, Porterville distr., Gt. Winterhoek Forest Reserve on plateau on 24 Rivers Mountains. Esterhuysen 35788, 15.VIII.1982. Isotype.

Dolichogyne acaulis Wedd.

Bolivia, Larecaja, Sorata. Mandon 211, 1858-1859. Type.

Dolichogyne rigida Wedd.

Bolivia, La Paz. Mandon 210, 1858. Type.

Doria alata Thunb.

[South Africa] Cap b. Spei. Thunberg s. n. Type.

Doria cneorifolia DC.

[South Africa, Cape, Kamiesberg]. Drège s. n. Type.

Doria kraussii Sch. Bip.

[South Africa] Cape, Aasvogelberg. Drège s. n. Type.

Doria perfoliata Thunb.

[South Africa] Cap. b. Spei. Thunberg s. n. Type.

Dusenya patagonica Hoffm.

[Argentina] Patagonia. Dusén 5406, 16.XII.1904. Types.

***Dymondia margarethae* Compton**

South Africa, flats south of Bredasdorp. Dymond s. n. Holotype fragment.

***Echinops hololeucus* Rech. f.**

Afghanistan, prov. Ghorat, inter Daulat Yar et Qala Qansi (Tschaktscharan), 2200 m. Rechinger 18833, 26.VII.1962. Type.

***Echinops myriocephalus* Rech., Aellen & Esfand.**

Iran, Prov. Kerman et Fars, inter jugum Cah Coghuk (Cafut) et Tarum, 1400 m. Rechinger, Aellen & Esfandiari 3506, 28.IV.1948. Type.

***Eclipta filicaulis* Schum.**

E Guinea. Thonning s. n. Type.

***Eclipta sessilis* Sw.**

Jamaica. Swartz. s. n. Type.

***Eclopes glutinosa* DC.**

[South Africa] Cape. Drège s. n. Isotype.

***Egana pallida* Phil.**

[Chile] Santiago. Philippi s. n. Type.

***Elephantopus angustifolius* Sw.**

Jamaica. Swartz s. n. Type.

***Elephantopus palustris* Gardner**

[Brazil] Diamond District, Minas Geraes. Gardner 4836. Type.

***Elephantopus pratensis* Wright**

Cuba. Wright 2793, 1860-1864. Isotype. - Cuba. Wright s. n. Type.

***Elytropappus ruschianus* Dinter**

[Namibia] Deutsch Südwest-Afrika, Lichtenstein. Dinter 3513, 10.V.1922. Type.

***Emilia kikuyorum* R. E. Fries**

Kenya occid., pr. Forest Station, 2300 m. Fries & Fries 302, 25.XII.1921. Type.

***Encelia adenophora* Greenm.**

Mexico, Jalisco, fields and copses, Tequila. Pringle 4602, IX-X.1893. Isolectotype.

***Encelia deltoidea* Rusby**

Colombia, Santa Marta, Playa Brava, on seashore rocks and occasionally in sand. Smith 594. XI. Isotype.

Encelia glutinosa Robins. & Greenm.

Mexico, Oaxaca, Las Hoyas Canyon, 4500 ft. Pringle 6024, 2.XI.1894.
Isotype.

Encelia hispida Andersson

Galapagos, Chatham at Charly. Andersson 171. Isotype.

Encelia hypargyrea Robins. & Greenm.

Mexico, Oaxaca, limestone ledges, La Hoya Canyon, 5000 ft. Pringle 6142,
2.XI.1894. Type.

Encelia pringlei Fernald

Mexico, Hidalgo, hillsides above Pachuca, 9000 ft. Pringle 8248,
14.IX.1899. Type.

Encelia rhombifolia Robins. & Greenm.

Mexico, Oaxaca, dry calcareous hills, Las Cedas, 6000 ft. Pringle 4813,
VIII.1894. Type.

Encelia squarrosa Greenm.

Mexico, Guerrero, mountains above Iguala, 4000 ft. Pringle 8390,
11.X.1900. Type.

Encelia suffrutescens R. E. Fries

Argentina, prov. Jujuy. Fries 926, 16.XII.1901. Isotype.

Epaltes mattfeldii Urban

Cuba, prov. Pinar del Rio, in pinelands at Laguna El Perro, in slightly
moist, sandy places. Ekman 18125, 18.XI.1923. Type.

Erechtites missionum Malme

Brazil, Rio Grande do Sul. Malme 744, 1.IV.1893. Type.

Eremanthus glomeratus Less.

Brazil, prov. Minas Geraes, Caldas. Regnell II 165, 21.VII.1862. Type.

Eremanthus labordeii Glaz.

Brazil, Ponte Alta. Glaziou 21645. Type.

Eremanthus plantaginifolium Less.

Brazil, prov. Minas Geraes, Caldas. Regnell III 668, 9.XI.1865. Type.

Eremanthus scapigerus Baker

Brazil, prov. Minas Geraes, Pallos. Regnell III 671, VIII.1865. Type.

- Eremanthus uniflorus* MacLeish & Schumacher
Brazil, Goias, 33 km N of Alto Paraiso towards Cavalcante. Martinelli, Smith, Stutts & MacLeish 736, 14.X.1980. Isotype.
- Erigeron acer* L. ssp. *phaeocephalus* Rech. f.
Afghanistan, prov. Bamian, Band-i Amir, ad lacum Band-i Panir, 2800 m. Rechinger 18389, 14.VII.1962. Isotype.
- Erigeron aellenii* Rech. f. var. *hirsutifolius* Rech. f.
Iran, prov. Shahrud-Bustam, in declivibus australibus montium Shahvar, 3500-3900 m. Rechinger 6010 a, 20-26.VII.1948. Type.
- Erigeron alaskanus* Cronq.
Alaska, Nome, rocky hillside. Anderson 3762, 3.VII.1938. Type.
- Erigeron arctophilus* Rech. f. (see *Erigeron ursinus*)
- Erigeron bizgensis* Rech. f. (see *Erigeron chionophilus* var. *araneoso-floccosus*)
- Erigeron caeruleus* Urban
Santo Domingo, prope Constanza. von Türckheim 3448, 1910. Type.
- Erigeron canescens* Sch. Bip. var. *arenosa* Sch. Bip.
Bolivia, La Paz. Mandon 220, IV.1857. Type.
- Erigeron capillipes* Ekman
Cuba, prov. Sta. Clara, mountains of the Siguanéa-Trinidad group. Ekman 18495, 14.II.1924. Type.
- Erigeron cedretorum* Rech. f.
NW Pakistan, Swat, Shangla, 2050 m, in apertis Cedretorum. Rechinger 30653, 2.VI.1965. Isotype.
- Erigeron chiangüi* Nesom var. *lamprocaulis* Nesom
Mexico, Coahuila, Mpio. M. Muzquiz, 130 km NW of Muzquis on Coa Hwy. Nesom 7408, 3.VI.1992. Isotype.
- Erigeron chionophilus* Boiss. var. *araneoso-floccosus* Rech. f. (*Erigeron bizgensis* Rech. f.)
Iran, prov. Khorasan, in monte Kuh-e Bizg, in rupium fissuris, 2300 m. Rechinger 1471, 4-6.VII.1937. Type.
- Erigeron denallii* A. Nels.
Alaska, Mt McKinley National Park, Savage River. Nelson & Nelson 4016, 3.VIII.1939. Type fragment.

Erigeron dissectus Urban

Santo Domingo, prope Constanza. von Türckheim 3061, 1910. Type.

Erigeron domingensis Urban

Santo Domingo, prope Constanza. von Türckheim 3447, 1910. Type.

Erigeron elongatum Ledeb.

Altai. Coll. ignot. Type.

Erigeron eriocephalus Vahl

Groenlandia septentrionalis. Coll. ignot. Type.

Erigeron gormanii Greene

Yukon, Fort Selkirk. Gorman 1066, 28.VI.1899 Isotype fragment and photograph.

Erigeron hirtellum Phil.

[Chile] Aconcagua, Los Molles Novium. Philippi s. n. 1862. Type.

Erigeron hultenianus Spongberg

Alaska, 11 miles N. of Anchorage, Campbell Creek valley. Strutz s. n. 7.VIII.1965. Holotype.

Erigeron hyperboreus Greene

Alaska and Yukon, Porcupine River. Turner s. n., 1891. Paratype fragment.

Erigeron inamoenus A. Nels.

USA, Wyoming, Kemerer. Nelson 4680, 13.VI.1898. Type fragment and photograph.

Erigeron ingae Skottsbo.

[Chile] Juan Fernandez, Masafuera. Skottsberg & Skottsberg 391, 15.II.1917. Type.

Erigeron ingae Skottsbo. var. *innocentium* Skottsbo.

[Chile] Juan Fernandez, Masafuera. Skottsberg & Skottsberg 557, 9.III.1917. Type.

Erigeron inornatus Gray f. *subradiatus* Blake

USA, California, Eldorado Co., Tahoe Tavern, 6225 ft. Blake 10302, 15.VIII.1927. Type.

Erigeron jamaicense Sw.

Jamaica. Swartz s. n. Type.

Erigeron limnophilus Sch. Bip.

Bolivia, Larecaja, La Paz. Mandon 225, IV-V.1857. Type. - Mandon 226, IV.1857 April. Type.

Erigeron linifolium Willd.

Ecuador, in Andibus. Spruce 5890, 1857-1859. Type.

Erigeron luteoviridis Skottsberg.

[Chile] Juan Fernandez, Masafuera. Skottsberg & Skottsberg 558, 7.III.1917. Type. - [Chile] Juan Fernandez, Masafuera, Cordon. Skottsberg & Skottsberg 500, 15.II.1917. Type.

Erigeron mackenzieana Porsild

Alaska and Yukon, Mackenzie R. delta. Porsild 729 b, 18.VII.1934. Type fragment.

Erigeron mancus Rydb.

USA, SW Utah, La Sal mountains, 3300-3600 m. Rydberg & Garrett 8671, 7.VII.1911. Type fragment and photograph.

Erigeron mandonii Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 227, IV.1857. Type.

Erigeron muirii A. Gray

Alaska, Cape Thompson. Muir s. n., 1881. Type.

Erigeron niveus Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 221, II-III.1858. Type.

Erigeron ocoensis Urban & Ekman

Hispaniola, Santo Domingo, Sierra de Ocoa, prov. de Azua, San José de Ocoa. Ekman H 11719, 1.III.1929. Type.

Erigeron pampeanus Parodi

Argentina, La Plata. Parodi 11309, 26.X.1933. Type.

Erigeron paucilobus Urban

Cuba, prov. Pinar del Rio, Pinar de Cajalbana, towards the top of the mountain, edge of brook. Ekman 17362, 28.VIII.1923. Type.

Erigeron pazensis Sch. Bip.

Bolivia, La Paz. Mandon 144, 8.I.1860. Type.

Erigeron plesiogeron Rech. f.

E Afghanistan, prov. Jaji, inter Dre Kalla et Qasim Khel, 3100 m. Rechinger 32316, 11.VII.1965. Isotype.

Erigeron psilocaulis Urban

Hispaniola, Santo Domingo, Cordillera Central, prov. de Azua, San Juan, Lomas de la Mediania. Ekman H 13597, 16.IX.1929. Type.

Erigeron regnellii Sch. Bip.

Brazil, Rio Grande do Sul. Malme 1142, 21.I.1902. Isotype.

Erigeron scabrum Thunb.

Loco ignoto. Thunberg s. n. Isotype.

Erigeron shahvaricus Rech. f.

Iran, prov. Shahrud-Bustam, in declivibus australibus montium Shahvar. Rechinger 6010 b, 20-26.VII.1948. Type.

Erigeron sodiroi Hieron.

Ecuador. Coll. ignot. Type fragment.

Erigeron thrincioides Griseb.

Cuba occ. Wright 513, 1863. Type.

Erigeron tripolioides Phil.

[Chile] Valdivia. Philippi 857. Type.

Erigeron turricola Skottsberg.

[Chile] Juan Fernandez, Masafuera. Skottsberg & Skottsberg 483c, 14.II.1917. Type. - [Chile] Juan Fernandez, Masafuera, Las Torres. Skottsberg & Skottsberg 483, 14-15.II.1917. Type.

Erigeron ursinus Rech. f.

Iran, prov. Gorgan (Asterabad), in decliv. borealibus montium Shahvar prope Hadjilang, 2400-2600 m. Rechinger 6137, 26-27.VII.1948. Isotype.

Eriosephalus hoffmannianus Schltr

[South Africa] Africa australis, reg. occidentalis, Boter-Kloof, in collibus, 2300 ft. Schlechter 10888, 17.VIII.1897. Type.

Eriosephalus xerophilus Schltr

[South Africa] Africa australis, Terra Capensis, reg. occidentalis, Matjes Rivier, 2500 ft. Schlechter 8842, 4.IX.1896. Type.

Eriosphaera dubia DC.

[South Africa] Witbergen. Drège s. n. Isotype.

Eriosphaera umbellata Turcz.

[South Africa, Cape] Rivier Zonder Einde. Zeyher 2891, IX. Isotype.

Erymophyllum glossanthus P. G. Wilson

Western Australia, 46 km W of Warriedar Homestead. Wilson 12278, 26.IX.1986. Isotype.

Espeletia annemariana Cuatrec.

Colombia, Boyacá, Carretera Vado Hondo-Labranzagrande, alto de Mogotes. Cleef 9296, 2.IV.1973. Isotype.

Espeletia cleefii Cuatrec.

Colombia, Boyacá, Sierra Nevada del Cocuy, Boquerón del Cusirí, vertiente W. Superpáramo. Cleef 5922, 6.X.1972. Isotype.

Espeletia grandiflora H. & B. var. *boyacana* Cuatrec.

Colombia, Boyacá, Páramo de La Rusia, NW-N de Duitama Serranía Negra. Cleef 6955, 10.X.1972. Isotype.

Espeletia grandiflora H. & B. var. *cayetana* Cuatrec.

Colombia, Cundinamarca, Páramo entre Cogua y San Cayetano, cercanías de la Laguna Seca. Cleef 6508, 17.XI.1972. Isotype.

Espeletia lopezii Cuatrec. var. *lopezii* forma *alticola* Cuatrec.

Colombia, Boyacá, Sierra Nevada del Cocuy, Páramo Concavo. Cleef 8547. 25.II.1973. Isotype.

Espeletia pycnophylla Cuatrec. ssp. *angelensis* Cuatrec.

Ecuador, proc. Carchi, Páramo del Angel, alt. 3400 m. Asplund 7078, 21.VI.1939. Holotype.

Espeletia pycnophylla Cuatrec. ssp. *llanganatensis* Cuatrec.

Ecuador, proc. Tungurahua, Cordillera de Llanganates, near Las Torres, páramo. Asplund 9944, 23.XI.1939. Holotype.

Espeletia rositae Cuatrec. var. *monocephala* Cuatrec.

Colombia, Boyacá, Macizo alto N de Belén (Mpio. Tutasa), Cerro Pan d'Azucar y vecinandes. Cleef 9824, 7.V.1973. Isotype.

Ethulia struchium Sw.

Jamaica. Swartz s. n. Type.

Eumorphia sericea Wood & Evans ssp. *robustior* Hilliard & Burt

South Africa, E Cape, 3127 BB Elliot distr., Fetcar Pass, 7500 ft. Hilliard & Burt 12331, 22.I.1979. Isotype.

Eupatorium adscendens Sch. Bip.

Brazilia. Widgren 80. Type.

Eupatorium amblyolepis Robins.

Mexico, Morelos, Cool ledges, Sierra de Tepoxtlán, 7500 ft. Pringle 8034, 7.II.1899. Type. - Mexico, Morelos, Pargue. Pringle 9900, 20.XI.1902. Type.

Eupatorium anethifolium DC. var. *filifolium* Dusén

Brazil, Paraná, Capao Grande, ad Fortaleza. Dusén 2904, 22.XII.1903. Holotype.

Eupatorium angusticeps Malme

Brazil, Rio Grande do Sul, Porto Alegre. Malme s. n., 3.III.1902. Type.

Eupatorium azangorensis Sch. Bip.

Peru, Cordillera prope Bzangaro. Lechler 1776, I.1854. Type.

Eupatorium balansae Hieron.

Paraguay. Balansa 734. II.1874. Cotype.

Eupatorium billbergianum Beurl.

[Panama] Porto Bello. Billberg 300. IV.1826. Type.

Eupatorium brachiatum Sw.

[West Indies] Guadeloupe, Forsström s. n. Holotype.

Eupatorium bracteatum Gardner

[Brazil] Prov. Pernambuco, Dist. Rio Preto. Gardner 2900. Type.

Eupatorium bullulatum Urban & Ekman

Hispaniola, Haiti, Massif de la Selle, Croix-des-Bouquets, Badeau, steep mountain side, 1500 m. Ekman 7869, 16.III.1927. Holotype.

Eupatorium caaguazuense Hieron.

Paraguay, Caaguazu. Balansa 951, 20.III.1876. Type.

Eupatorium cabaionum Urban & Ekman

Hispaniola, Civ. haiti, Massif de la Selle, Mourné Cabaio, in thickets on the Morné Cabaio road. Ekman H 1610, 24.VIII.1924. Lectotype.

Eupatorium calderillense Hieron.

Bolivia, Calderillo, 3000 m. Fiebrig 3522, 22.II.1904. Type.

Eupatorium camachense Hieron.

Bolivia, Camacho, 2500 m. Fiebrig 2861, 25.IV.1904. Type.

Eupatorium chabrense Urban & Ekman

Hispaniola, Haiti, Massif du Nord, Gros-Morne, Morné Chabre, top of the mountain, 1130 m. Ekman H 5002, 5.X.1925. Lectotype.

Eupatorium chalceorithales Robins.

Cuba, prov. Oriente, Sierra del Cobre. Ekman 7811, 6.X.1916. Type.

Eupatorium chapareense Robins.

Bolivia, Chapare, Cochabamba, 2300 m. Steinbach 9241, 18.II.1929. Type.

Eupatorium chrysostictum Robins.

Colombia, Las Nubes, near Santa Marta, 4500 ft. Scandent in thickets near stream. Smith 660, 7.II.1899. Isotype.

Eupatorium conoclinanthium Hieron.

Bolivia, Pinos bei Tarija, 2200 m. Fiebrig 3152, 21.III.1904. Type.

Eupatorium cordifolium Sw.

Jamaica, Swartz s. n. Type.

Eupatorium cotacachense Hieron.

Ecuador, in Andibus. Spruce 5805, 1857-1859. Isotype.

Eupatorium crassirameum Robins.

Mexico, Morelos, lava fields near Cuernavaca, 5000 ft. Pringle 8271, 16.II. & 29.IX.1899. Type.

Eupatorium cuzcoense Hieron.

Peru, above Quinoa. Weberbauer 5548, V.1910. Type.

Eupatorium decumbens Baker

Brazil. Martius 814. Type.

Eupatorium delpechianum Urban & Ekman

Hispaniola, Haiti, Massif des Matheux, l'Arcahaie, Morne Delpech, limestone crags at Caye-Combe. Ekman H 9327, 14.XI.1927. Isotype.

Eupatorium desmophyllum Robins.

Peru, Chavanillo, dry bank above the Rio Marañon. Macbride & Featherstone 1975, 17-26.VIII.1922. Type.

Eupatorium dispar Robins.

Peru, Dep. of Cusco, 'Pillahuata', Cerro de Cusilluyoc, open rocky cliffs above river, 2200-2400 m. Pennell 13967, 3-6.V.1925. Type.

Eupatorium dusenii Malme

Brazil, Paraná, Ponta Grossa, in silvula. Dusén 10303, 17.X.1910. Type.

Eupatorium ekmanii Robins.

Cuba, Prov. Oriente, prope Baracoa ad el Yunque. Ekman 3552, 20.XI.1914. Type.

- Eupatorium eleutherantherum* Rusby var. *microcephalum* Hieron.
Bolivia, Jaipa, 2900 m. Fiebrig 3089, 19.II.1904. Type.
- Eupatorium eriocarpum* Robins. & Greenm.
Mexico, Oaxaca, Tomellin Canyon, 3000 ft. Pringle 6112, 22.XII.1894.
Type.
- Eupatorium esperanzae* Hassler
Paraguay, in campis siccis pr. Esperanza. Hassler (Rojas?) s. n., 10482a.
Isotype.
- Eupatorium filifolium* Hassler
Paraguay, Caaguazu. Balansa 954, 29.III.1876. Type.
- Eupatorium flavidulum* Urban & Ekman
Hispaniola, Haiti, Massif de la Hotte, western group, Torbec, Morne
Farmon, 1550 m. Ekman H 7456, 29.XII.1926. Lectotype.
- Eupatorium flavisetum* Robins. var. *asetosum* Robins.
Colombia, eastern Cordillera, Dept. Santander, western slope of Paramo
Rico, 3300-3600 m, woods. Killip & Smith 17769, 15-19.I.1927. Type.
- Eupatorium geraniifolium* Urban
Puerto Rico, Prope Aybonita. Sintenis 2837, 25.I.1885. Type.
- Eupatorium griseopubescens* Dusén
Brazil, Paraná, Capao Grande. Dusén 4260, 19.III.1904. Type.
- Eupatorium harrisii* Urban
Jamaica, Cinchona, 5000 ft. Harris 5624, 1900. Cotype.
- Eupatorium haughtii* Robins.
Peru, Dept. Peiera, Parinas Valley. Haught 275, 7.VII.1929. Type.
- Eupatorium havanense* H.B.K. var. *cardiomorphum* Robins.
Cuba, Prov. Pinar del Rio, Vinales, Sierra de Vinales, in Loma de la
Bandera, jurassic limest. rocks. Ekman 18666, 9.III.1924. Type.
- Eupatorium havanense* H.B.K. var. *pubinerve* Robins.
Cuba, Prov. Oriente, Sierra Maestra. Ekman 5416, 16.IV.1915. Type.
- Eupatorium heterosquameum* Urban & Ekman
Hispaniola, Santo Domingo, Hoya de Enriquilla, prov. de Barahona, shore
of Laguna del Fondo. Ekman H 9866, 17.IV.1928. Type.

Eupatorium holguinense Robins.

Cuba, Prov. Oriente, Sierra de Nipe prope Rio Piedra in pinetis loc. saxosis.
Ekman 1810, 3-4.VII.1914. Type.

Eupatorium horminoides Baker

Brazil, Minas Geraes. Gardner 4840, 1842. Type.

Eupatorium hotteanum Urban & Ekman

Hispaniola, Haiti, Massif de la Hotte, western group, Torbac, near Les
Platons, in thickets. Ekman H 7591b, 4.I.1927. Lectotype.

Eupatorium hymenolepis Robins.

Mexico, Michoacan, falls of Tzararacua, 4000 ft. Pringle 10355, 28.I.1907.
Type.

Eupatorium iridolepis Robins.

Colombia, Santa Marta. Smith 615, 1898-1901. Isotype.

Eupatorium iteophyllum Urban & Ekman

Hispaniola, Haiti, Massif de la Hotte, western group, Torbec, top of Morne
Farmon, c. 2200 m. Ekman H 7557, 3.I.1927. Lectotype.

Eupatorium juninense Robins.

Peru, La Merced, c. 2000 ft. Macbride 5583, 10-24.VIII.1923. Type.

Eupatorium kleinioides H.B.K. var. *latifolium* Chodat & Hassler

Paraguay, Corrientes. Hassler 5844, XII. Isotype.

Eupatorium kleinioides H.B.K. var. *microcephalum* Chodat

Paraguay, Arroyo Primero, Apa. Hassler 7786, XI.1903. Isotype.

Eupatorium latipaniculatum Rusby

Bolivia, Sacramento, Yungas. Bang 2386, 20.VIII.1894. Type.

Eupatorium laxum Gardner

Brazil, Prov. Minas Geraes. Gardner 4856. Type. - [Brazil] Prov. Goyaz.
Gardner 4224. Type.

Eupatorium leucolithogenum Robins.

Colombia, Mt. Chapon, extreme western part of Dept. Boyaca, north-west
of Bogota. Lawrance 279, 2.VII.1932. Type.

Eupatorium lithophilum Robins.

Peru, Llata, about 7000 ft. Macbride & Featherstone 2235, 21.VIII.1922.
Type.

Eupatorium loefgrenii Robins.

[Brazil] Brasilien, Sao Paulo. Löfgren 120, XI.1908. Type.

Eupatorium longipetiolatum Sch. Bip.

Bolivia, Prov. Larecaja, Sorata. Mandon 257, VIII.1858-II.1859. Type.

Eupatorium lorentzii Hieron.

Argentina, Salta. Lorentz & Hieronymus s. n., III.1843. Type.

Eupatorium lozanoanum Robins.

Mexico, Hidalgo, barranca below Trinidad Iron Works, 5000 ft. Pringle 8942, 12.VII.1904. Isotype.

Eupatorium macbridei Robins.

Peru, Mito, about 9000 ft. Macbride & Featherstone 1742, 23.VII-14.VIII.1922. Type.

Eupatorium macranthum Sw.

[West Indies] Martinique, Fahlberg s. n. Type.

Eupatorium magdalense Robins.

Colombia, Santa Marta. Smith 1993. Isotype.

Eupatorium mallotum Robins.

Bolivia, Prov. Larecaja, Sorata. Mandon 249, V.1858-V.1859. Isotype.

Eupatorium mandonii Sch. Bip.

Bolivia, Prov. Larecaja, Sorata. Mandon 205. XII.1858. Type.

Eupatorium margaritense Hassler

Paraguay, in campis 'Senados' prope Cerro Margerite. Hassler 11025. Isotype.

Eupatorium megaphyllum Baker

Brazil, Prov. Minas Geraes, Caldas. Regnell III 692, 1860. Lectotype.

Eupatorium mexiae Robins.

Brazil, Minas Geraes, Distr. Carangola, three leagues of Areponga, Fazenda da Gramma. Mexia 4226, 25.I.1930. Type.

Eupatorium microchaeteum Urban & Ekman

Hispaniola, Haiti, massif de la Hotte, western group, Torbec, Mome Formon. Ekman H 7435, 27.XII.1926. Lectotype.

Eupatorium montanum Sw.

Jamaica, Swartz s. n. Type.

Eupatorium mucronatum Gardner

[Brazil] Prov. Goyaz. Gardner 3825. Type.

Eupatorium nemorense Sch. Bip.

Bolivia, Prov. Larecaja, Sorata. Mandon 253, III.IV.1869. Isotype.

Eupatorium nervosum Sw.

Jamaica, Swartz s. n. Type.

Eupatorium nipense Robins.

Cuba, prov. Oriente, Sierra de Nipe. Ekman 1976, 13.VII.1914. Type.

Eupatorium nitidum DC.

[Brazil] Bahia. Salzman 259. Type.

Eupatorium paraguariense Hieron.

Paraguay. Balansa 934, 25.III.1875. Type.

Eupatorium parviflorum Sw.

Jamaica, Swartz s. n. Type.

Eupatorium paucicrenatum Urban & Ekman

Hispaniola, Haiti, massif de la Hotte, western group, Jérémie. Ekman H 10394, 22.VII.1928. Lectotype.

Eupatorium paucidentatum Sch. Bip.

Bolivia, Prov. Larecaja, Sorata. Mandon 248, 1858-1859. Type.

Eupatorium picturatum Malme

Brazil, Rio Grande do Sul. Malme 752, 3.IV.1893. Type.

Eupatorium pitonianum Urban & Ekman

Hispaniola, Haiti, Massif du Nord, Port-de-Paix, Haut-Piton, hard limestone, c. 1100 m. Ekman H 5138, 2.XI.1925. Isotype.

Eupatorium platychaetum Urban

Jamaica, Holly Mount, Mt Diablo. Harris 8985, 17.VIII.1905. Isotype.

Eupatorium plucheoides Griseb.

Cuba Orientali. Wright 287. Type.

Eupatorium plumieri Urban & Ekman

Hispaniola, Haiti, Montagnes du Trou d'Eau, Morne à Cabrits, at Terre Rouge, 580 m. Ekman H 2252, 26.X.1924. Type.

Eupatorium polycladum Dusén

Brazil, Paraná, in campo rupestri ad Fortaleza. Dusén 9557, 26.II.1910. Type. - Brazil, Paraná, Jaguariahya in campo rupestri, 720 m. Dusén 18010, 25.III.1916. Type.

Eupatorium portoricense Urban

Puerto Rico, Maricao. Urban 266, 17.XI.1884. Lectotype. - Puerto Rico, inter Aybonito at Alyarroto. Urban 2952, 2.XII.1885. Paratype.

Eupatorium prinodes Robins.

Cuba, prov. Oriente, Sierra de Nipe. Ekman 9709, 11.VII.1919. Type.

Eupatorium pseudo-prasiifolium Hassler

Paraguay. Balansa 946, I.1876. Type.

Eupatorium pungens Gardner

[Brazil] Prov. Goyaz. Gardner 4211. Type.

Eupatorium quinqueflorum Urban & Ekman

Hispaniola, Santo Domingo, Llano Castera, prov. Sta Domingo, Sabana Guabatica. Ekman H 13318, 12.VIII.1929. Lectotype.

Eupatorium radula Chodat

Paraguay. Hassler 5888. Isotype.

Eupatorium rhytidodes Robins.

Peru, Muna. Macbride 3985, 23.V-4,VI.1923. Type.

Eupatorium rigidum Sw.

Jamaica, Swartz s. n. Type.

Eupatorium rojasii Hassler

Paraguay, Estrella. Rojas 10103. Isotype.

Eupatorium rubroviolaceum Urban & Ekman

Hispaniola, Haiti, Massif du nord, Port-de-Paix, Haut-Piton, c. 1150 m. Ekman H 4873a, 20.IX.1925. Lectotype.

Eupatorium saucechicoense Hieron.

Argentina, Sierra Pampeanas, Sauce Chico. Lorentz s. n., II-IV.1881. Type.

Eupatorium scabrifolium Robins.

Peru, Mito, about 9000 ft. Macbride & Featherstone 1873, 23.VII-14.VIII.1922. Type.

Eupatorium scabriusculum Urban & Ekman

Hispaniola, Haiti, Massif de la Selle, Morne Tranchant, dry eruptive slopes, c. 1600 m. Ekman H 3209, 12.II.1925. Lectotype.

Eupatorium silvaticum Robins.

Cuba, prov. Oriente, Sierra de Nipe. Ekman 9811, 4.X.1919. Type.

Eupatorium sinuatum Lour. var. ***viscigerum*** Urban & Ekman

Hispaniola, Haiti, massif de la Selle, Mourne de la Selle, Camp Fraue, steep limestone rocks. Ekman H 3078, 26.I.1925. Type.

Eupatorium soratae Sch. Bip.

Bolivia, Prov. Larcaja, Sorata. Mandon 251, IV.1858. Type.

Eupatorium sphenopodum Robins.

Mexico, Nuevo Leon, Sierra Madre above Monterey, 3500 ft. Pringle 10259, 16.VII.1906. Isotype.

Eupatorium sprucei Robins.

Peru, Prope Tarapoto. Spruce 4167, 1855-1856. Isotype.

Eupatorium stigmaticum Urban & Ekman

Hispaniola, Haiti, Massif de la Hotte, western group, Camp Perrin. Ekman H 5194, 30.XI.1925. Lectotype.

Eupatorium stoechadifolium L. f. var. ***pamplonense*** Robins.

Colombia, Dept. Norte de Santander, Between Pamplona and La Isla, alt. 2000-2500 m. Killip & Smith 19795, 27.II.1927. Type.

Eupatorium subcapitatum Malme

Brazil, Paraná, 23 Turina, in campo. Dusén 15682, 20.X.1914. Type. -
Brazil, Paraná, Villa Velha, in campo. Dusén 7213, 27.XI.1908. Type.

Eupatorium subserratum Gardner

[Brazil] Prov. Goyaz. Gardner 4210. Type.

Eupatorium subvelutinum DC.

[Brazil] Brasilia. Pohl s. n. Type.

Eupatorium toldense Hieron.

Bolivia, Toldos bei Bermejo, 1800 m. Fiebrig 2371, 8.XII.1903. Type.

Eupatorium trichospiroides Alain

Hispaniola, Santo Domingo, Cordillera Septentrional, prov. Santiago, Las Lagunas. Ekman H 16074, 20.X.1930. Holotype.

Eupatorium triosteifolium Rusby

Bolivia. Yungas 2380, 14.VIII.1894. Type.

Eupatorium tuerckheimii Klatt

Guatemala, Dept. Alta Verapaz, Coban, 1530 m. von Tuerckheim II 2262. Type.

Eupatorium urbanii Ekman & Urban

Hispaniola, Haiti, Massif de la Hotte, western group, Torbec, Morne Formon. Ekman H 7436, 27.XII.1926. Lectotype.

Eupatorium uromeres Robins.

Colombia, Santa Marta. Smith 505, 1898-1899. Isotype.

Eupatorium urticoides Sch. Bip.

[Venezuela] Caracas. Martius 147. Type.

Eupatorium urubambense Robins. var. *mantarensis* Robins.

Peru, Dept. Huancavelica, Prov. Tayacaja, Mantaro Valley, near La Mejorada, alt. 2800-2900 m. Weberbauer 7614, 21.III.1926. Type.

Eupatorium villosum Sw.

Jamaica, Swartz s. n. Type.

Eupatorium virgatum Don ex Hook & Arn.

Brazil. Sello d2072. Type.

Eurydochus bracteatus Maguire & Wurdack

Venezuela, Cerro de la Neblina, Rio Yatua, Territorio de Amazonas. Wurdack & Maguire, 24.XI.1957. Isotype.

Euryops abrotanifolius (L.) DC. var. *brachypus* Harv.

[South Africa] Somerset West, vicinity of village "Somerset". Ecklon & Zeyher 83. Isolectotype.

Euryops agrianthoides Mattf.

Tanzania, South Meru, 3600 m. Uhlig 534, 19.XI.1901. Fragment of holotype.

Euryops anthemoides B. Nord.

South Africa, Cape, Alexandria div., Addo Elephant Park, Antelope Camp. Nordenstam 322, 11.VI.1962. Isotype.

Euryops anthemoides B. Nord. ssp. *astrotrichus* B. Nord.

South Africa, Cape, Graaff Reinet div., 18 miles N of Graaff Reinet on Middelburg road, 1370 m. Nordenstam 1973, 19.I.1963. Isotype.

***Euryops brownei* S. Moore ssp. *aberdarica* R.E.Fr.**

Kenya, Aberdave, Sattima, 3900 m. 21.III.1922. Isotype.

***Euryops calvescens* DC.**

[South Africa] Stormberg, 5500-6000 ft. Drège [6105, 1832]. Isolectotype fragment.

***Euryops candollei* Harv.**

[South Africa, Cape Prov., Barkly East Div.] Wittbergen, 7000-8000 ft. Drège [3682, I. 1833]. Isolectotype.

***Euryops cuneatus* B. Nord.**

South Africa, Cape Prov., Calvinia div., Hantam Mts., S slopes below Hantam Peak, 4500-5000 ft. Nordenstam 3534, 19.XII.1963. Isotype.

***Euryops decipiens* Schltr**

[South Africa] Africa australis, Terra Capensis, reg. occidentalis, Bainskloof, 3500 ft. Schlechter 9122, 12.XI.1896. Isotype.

***Euryops dregeanus* Sch. Bip.**

[South Africa, Cape, Vanrhynsdorp div., Mierenkasteel and Haazenkraalsrivier] Drège 2727. Isotype.

***Euryops diversifolius* Harv.**

[South Africa] Clanwilliam Div., between Langevalley and Bergvalley. Zeyher 954. Isolectotype.

***Euryops fruticulosa* R.E.Fr.**

Kenya, Aberdare, Kinangop-plateau, 2000 m. R. E. & Th. C. E. Fries 2502, 17.III.1922. Isolectotype.

***Euryops krookii* Gandoger**

South Africa, O. F. S. Harrismith. Krook (Penther 1306), 6.III.1895. Isotype.

***Euryops lateriflorus* var. *oblongifolia* O. Hoffm.**

South Africa, O.F.S. Harrismith. Krook (Penther 1306), 6.III.1895. Isotype.

***Euryops longipes* DC. var. *lasiocladus* DC.**

[South Africa] Cape, Caledon, between Babylonschetoom and Caledon. Ecklon & Zeyher 52.8., VIII. Isolectotype.

***Euryops namaquensis* Schltr**

[South Africa] Africa australis, Terra Capensis reg. occidentalis, Karee Bergen, 1500 ft. Schlechter 8223, 12.VII.1896. Isotype.

Euryops nodosus B. Nord.

South Africa, Cape, Sutherland div., hills S of the river at the S foot of Leokop, 5400 ft. Nordenstam 3618, 25.XII.1963. Isotype.

Euryops pectinatus (L.) Cass. ssp. *lobulatus* B. Nord.

South Africa, Cape, Piketberg div., Piketberg, top of Levant Hill. Nordenstam 3400, 10.XII.1963. Isotype.

Euryops petraeus B. Nord.

South Africa, Cape, Middelburg div., Compassberg, N side, 2100-2450 m. Nordenstam 1990, 21.I.1963. Isotype.

Euryops pleiodontus B. Nord.

[South Africa] Africa australis, reg. namaquensis, Zabies, Namaqualand. M. Schlechter 92, 4.VI.1898. Isotype.

Euryops punctatus DC.

[South Africa] George, between Gouritzuvier and Langekloof. Ecklon & Zeyher 99.12. Isolectotype.

Euryops rupestris Schltr

[South Africa] Africa australis, Terra Capensis, reg. occidentalis, Bains Kloof, 3800 m. Schlechter 9134, 12.XI.1896. Isolectotype.

Euryops subcarnosus DC. ssp. *vulgaris* B. Nord.

Namibia, Omaruru distr., Brandberg, Orabeswand, 2000 m. Nordenstam 3653, 3.IV.1964. Isotype.

Euryops sulcatus (Thunb.) Harv. var. *densifolius* Sond. ex Harv.

[South Africa] Sandrivier, Beaufort West Div. Zeyher s.n., V. Lectotype.

Euryops thunbergii B. Nord.

[South Africa] Africa australis, Terra Capensis, reg. occidentalis, Clanwilliam, 500 ft. Schlechter 8421, 5.VIII.1896. Isotype.

Euryops virgatus B. Nord.

[South Africa] Africa australis, Reg. occidentalis, Onder-Bokkeveld, Oorlogskloof, 2200 ft. Schlechter 10965, 21.VIII.1897. Isotype.

Feddea cubensis Urban

Cuba, prov. Oriente, Baracoa, Lomas de Cuaba. Ekman 4285, 17.I.1915. Type.

Feldstonia nitens P. S. Short

Western Australia, 19.3 km from Yalgoo along the road to Paynes find. Short 1615, 2.IX.1982. Isotype.

Felicia abyssinica Sch. Bip. ex Rich.

[Ethiopia] In mont. distr. Urahut, Schimper Pl. Abyss. sect. III. no. 1763, I. 1839. Isotype.

Felicia aculeata Grau (syn. *Agathaea hirta* DC.)

[South Africa]. In Africa Capensi ad Breederivier. Drège, 1837. Isotype.

Felicia bachmannii Thell. var. *schlechteri* Thell. in Schinz

[South Africa] Koude Bukkeveld, Tweefontein, 5000 ft. Schlechter 10133. Type.

Felicia bechuanica Mattf.

Bechuanaland, Crocodile river. Klingberg, IX.1896. Holotype.

Felicia caffrorum Nees

[South Africa] Caffraria. Krebs 178. Type.

Felicia cana DC.

[South Africa, Swellendam, 1805] = ? Georg, Zw. Gouritzrivier und Langekloof. Ecklon. Isotype.

Felicia ciliata Schltr

[South Africa] Africa australis, Terra Capensis, reg. occidentalis, Genadendal, 4800 ft. Schlechter 9818, 23.XII.1896. Holotype.

Felicia erigeroides DC.

[South Africa] ad Port Natal. Drège. IV. Isotype.

Felicia fascicularis DC. var. *pubescens* DC.

[South Africa] Uitenhage. Ecklon & Zeyher 2.3., III. Isotype.

Felicia globularioides Mattf.

E. Africa, Kitosh (?) grassy ground [gräsmark]. Lindblom s. n., VII.1920. Holotype.

Felicia joubertinae Grau

South Africa, Cape, Uniondale div., Joubertina. Esterhuysen 6886, 24.XI.1941. Isotype.

Felicia muricata (Thunb.) Nees ssp. *strictifolia* Grau

South Africa, Transvaal, 9 miles W of Nylstroom, 4300 ft. Wall s. n., 3.X.1938. Holotype.

Felicia nordenstamii Grau

South Africa, Bredasdorp div., 0.5 mile E of Cape Agulhas. Nordenstam 1458, 18.IX.1962. Isotype.

***Felicia rigidula* DC.**

[South Africa] Uitenhage, Zwartkopsrivier, Thal und angrenzende Hügel von Villa Paul Maré bis Uitenhaag, 50-500 ft. Ecklon & Zeyher 2.3., III. Isotype.

***Filago evaciformis* Maire & Samuelss.**

Morocco, Atlas Medius, El Hajeb, ca. 1050 m. Samuelsson 7491, 7.V.1936. Type.

***Filago lutescens* Jord.**

[France] Lyon, in arvis sabulosis. Jordan s. n. Type.

***Fleischmannia deborabellae* R. M. King & H. Robinson**

Guatemala, Dep. Alta Verapaz, along road to Sacapulas, ca. 16 km generally W of San Cristobal Verapaz. King 7346A (Greenhouse grown progeny of King 7346), 15.XII.1977. Isotype.

***Flotovia floribunda* Gardner**

Brazil. Gardner 4952. Type.

***Flotovia imbricata* Gardner**

Brazil, Minas Geraes. Gardner 4943. Isotype.

***Flotovia regnellii* Sch. Bip.**

Brazil, Prov. Minas Geraes, Caldas, Pedra Brauca. Regnell I 252, 27.IV.1865. Type.

***Flotovia tomentosa* Spr.**

Brazil. Riedel 2361. Type.

***Flourensia fiebrigii* Blake**

Bolivia, Paicho W. Tarijo, 3200 m. Fiebrig 3050, 5.II.1904. Isotype.

***Flourensia riparia* Griseb.**

Argentina, Pasaje del Rio Juramento. Lorentz & Hieronymus [268], II.1873. Isotype.

***Fraseria palmeri* (*Fraseria malvacea*?) Rydb.**

Mexico, Culiacan. Palmer 1770, 25.X-18.XI.1891. Isotype.

***Galinsoga mandonii* Sch. Bip.**

Bolivia, Larecaja, Sorata. Mandon 76, 1859. Type.

***Gamolepis brachypoda* DC. var. *tridens* Harv.**

[South Africa] Karregarivier and Staaykraal. Zeyher 861. Isolectotype.

Gazania arctotooides Less.

[South Africa] Cape, Gamka Karroo. Coll. ignot. (Mundt & Maire?)
(Lessing misit). Lectotype.

Gazania krebsiana Less.

[South Africa, Cape]. Krebs 194. (Lessing misit). Lectotype.

Gazania nivea Less.

[South Africa] Cape, Gamka Karroo. Coll. ignot. (Lessing misit). Type.

Gazania pygmaea Sond.

[South Africa] Cape, Magalisberg. Zeyher, X. Type.

Geigeria filifolia Mattf.

South Africa, Matabeleland, Tebekwe Mines. Klingberg s. n. XI.1895.
Type.

Geigeria nianganensis Dinter ex Merxm.

[Namibia] South West Africa, Niangana. Dinter 7266, V.1934. Isotype.

Geigeria schinzii O. Hoffm. ssp. *karakowisae* Merxm.

[Namibia] South West Africa, Karakowisa. Dinter 7272, V.1934. Isotype.

Geigeria schinzii ssp. *rhodesiana* Merxm.

Rhodesia, Mayoe. Eyles 318, IV.1906. Isotype.

Geigeria zeyheri Harv.

[South Africa] Cape, Magalisberg. Zeyher 915. XI. Type.

Gerbera abyssinica Sch. Bip.

Abyssinia [Ethiopia], in regione suprema montis Scholoda. Schimper 193,
7.VI.1837. Isotype.

Gerbera ambigua Sch. Bip. var. *cardiobasis* Thellung

[South Africa] Africa australis, Natal colony, distr. Alexandra, Station
Dumisa, 600 m, bei Ifafa. Rudatis 293, 4.III.1908. Isotype.

Gerbera asplenifolia (Lam.) Spreng. var. *linearis* Harv.

[South Africa] Cape, Voormansbosch, Zwellendam. Zeyher 3078, X.
Isolectotype.

Gerbera discolor Harv.

[South Africa] Cape, Magalisberg and Aapjesrivier. Zeyher 1032, X.
Paratype.

Gerbera integralis Sond. ex Harv.

[South Africa] Cape, Cape Flats. Ecklon 232, 1841. Paratype.

Gerbera nervosa Sond.

[South Africa] Cape, Port Natal. Gueinzus 356. Holotype.

Gerbera plantaginea Harv.

[South Africa] Cape, Magalisberg. Zeyher s. n. Paratype.

Gerbera schimperi Sch. Bip.

Abyssinia [Ethiopia], in vertice montice Scholoda inter lapides (Plantae Adoenses). Schimper 185, 11.VI.1837. Isotype.

Gerbera tomentosa DC. var. *lanata* Harv.

[South Africa] Cape, Hottentottsholland. Zeyher 3071, XII. Isolectotype.

Gnaphaliothamnus macdonaldii Nesom

Mexico, Oaxaca, 35 km ESE of Miahuatlan, 5 km NE of Santo Domingo Ozolotepec etc. McDonald 2943, 10.XII.1989. Isotype.

Gnaphalium acutiusculum Urban & Ekman

Hispaniola, Haiti, Massif de la Selle, Mourne de la Selle, slopes of Morne Emérillon, c. 1000 m. Ekman H 3180, 2.II.1925. Type.

Gnaphalium austroafricanum Hilliard

South Africa, E Cape, 3326 BC Grahamstown, Douglas Dam, 1820 Settlers N. R. Hilliard & Burt 10900, 8.XII.1977. Isotype.

Gnaphalium capense Hilliard

[South Africa] Cape, Klein-Draakensteen und Dal Josaphat, unter 1000 ft. Drège s. n., XI & XII. Isotype.

Gnaphalium confine Harv.

[South Africa] Cape, Linde. Zeyher s. n., XI. Holotype.

Gnaphalium coquimbense Phil.

[Chile] Coquimbo. Philippi s. n. Type.

Gnaphalium fernandezianum Phil.

[Chile] Juan Fernandez. Germain s. n., X.1854. Type.

Gnaphalium glomerulatum Sond. ex. Harv.

[South Africa] Cape, Cradock, auf Bergen und Hügeln zu beiden Seiten des Tarkarivier, 3000-4000 ft. Ecklon & Zeyher 116.8., VIII. Holotype.

Gnaphalium heterotrichum Phil.

[Chile] Coquimbo. Philippi s. n. Type.

Gnaphalium illapelinum Phil.

[Chile] Coquimbo. Philippi s. n. Type.

Gnaphalium leucopilinum Schott & Kotschy

Cilicia, in Tauri Alpes 'Bulgar Dagh', in fissuris rupestribus Dasch Olugh, 8000 ft. Kotschy 9 b. (28), 2.VII.1853. Type.

Gnaphalium limicola Hilliard

South Africa, Cape, Barkly East distr., Naude's Nek, 8250 ft. Hilliard & Burt 6639, 19.II.1971. Isotype.

Gnaphalium melanosphaerum Sch. Bip.

Abyssinia [Ethiopia], in agris requietis prope Enschedcap. Schimper 1360, 2.VI.1838. Type.

Gnaphalium minutum B. Nord.

South Africa, Cape, Vanrhynsdorp div., 4 miles NNE of Koekenaap. Nordenstam 1031, 25.VIII.1962. Isotype.

Gnaphalium muricatum L. ssp. *capitatum* Bergius var. *erectiusculum* Bergius

[South Africa] sine loco. Coll. ignot. Holotype.

Gnaphalium parvulum Harv.

[South Africa] Cape of Good Hope, Tulbagh. Pappe s. n. Isolectotype. -
[South Africa] Cape, Karooartige Stellen, Hassaquaskloof. Zeyher 2887, IX. Paratype.

Gnaphalium pauciflorum DC.

[South Africa] Cape, Bergplätze bei der Kapstadt, bis 2000 ft. Ecklon 64.9. IX. Isotype.

Gnaphalium platense Cabrera

Argentina, Prov. Buenos Aires, Ribera del Rio de La Plata, Isal Santiago. Cabrera 2223, 25.IX.1932. Isotype.

Gnaphalium ramosissimum Sch. Bip.

Peru, Cordillera prope Azangaro. Lechler 1780, VI.1854. Type.

Gnaphalium rhodanthum Sch. Bip.

Mexico, Oaxaca, Sierra de San Filipe, 10,000 ft. Pringle 6115, 24.XII.1894. Type.

Gnaphalium sarmentosum Klatt

Mexico, State of Mexico, about the timberline of the Nevado de Toluca, 12,500-13,000 ft. Pringle 4249, 6.IX.1892. Isotype.

Gnaphalium selleanum Urban & Ekman

Hispaniola, Haiti, Massif de la Selle, top of Mome Cabaio, 2350 m. Ekman 1606, 24.VII.1924. Type.

Gnaphalium tortuanum Urban

Hispaniola, Haiti, Ile La Tortue, Mare Rouge, top of hill, 310 m. edge of clearing. Ekman 9800, 25.III.1928. Type.

Gnaphalium unionis Oliv. & Hiern

Abyssinia [Ethiopia], in agris novalibus prope Adoam. Schimper 175 a, 1.VI.1837. Syntype. - Abyssinia [Ethiopia], in agris novalibus prope Enschedcap. Schimper 1179, 8.VI.1838. Syntype.

Gnaphalium volkii B. Nord.

[Namibia] South West Africa, Lüderitz - Süd distr., 2 miles W of Schakalskuppe. Nordenstam 2228, 15.IV.1963. Isotype.

Gochnatia hatschbachii Cabrera

Brazil, Minas Geraes, Serra do Cipó (mun. Jaboticabuta). Hatschbach 29951, 6.VIII.1972. Isotype.

Gorteria personata L. ssp. *gracilis* Roessler

[South Africa] Caledon Div., Zwarteberg und Umgegend des Bades, 1000-2000 ft. Ecklon & Zeyher 51.8, VIII. Isotypes (3 sheets).

Grindelia perennis Nels. f. *pseudopinnatifida* D. Löve & J. P. Bernard

Canada, Manitoba, Otterburn, à 1 mille au NE, sur le talus d'un chemin. Bernard 58/263, 26.VI.1958. Cotype.

Grindelia peruana Sch. Bip.

Peru, prope Tacha. Lechler 1559, V.1854. Type.

Guardiola rotundifolia Robins.

Mexico, Jalisco, near Tequila. Pringle 4571, 15.X.1893. Isotype.

Guizotia reptans Hutchins. var. *keniensis* R. E. Fries

Kenya occid., inter Forest Station et Cole Mill, 2200 m. Fries & Fries 756 a, 16.I.1922. Syntype.

Guizotia schimperi Sch. Bip.

Abyssinia [Ethiopia], in vallis incultis et ad rivos prope Adoam. Schimper 401, 16.X.1837. Type.

Guizotia schultzei Hochst. ex Sch. Bip.

Abyssinia [Ethiopia], in regione septentrionali montis Scholoda. Schimper 350, 28.X.1837. Type.

Guizotia villosa Sch. Bip.

Abyssinia [Ethiopia], inter 5000 et 7000 pedes supra mare-prope Adoam. Schimper 1504, 2.XI.1842. Type.

- Gundlachia compacta*** Urban & Ekman
Hispaniola. Haiti, Massif de la Selle, Morne de la Selle in the peculiar limestone region. Ekman H 3161, 1.II.1925. Isotype.
- Gundlachia floribunda*** Urban
Cuba, prov. Oriente, Baracoa. Ekman 3512, 18.VI.1914. Isotype.
- Gundlachia ocoana*** Urban & Ekman
Hispaniola. Santo Domingo, Sierra de Ocoa, prov. de Azua, San José de Ocoa. Ekman H 11600, 20.II.1929. Isotype.
- Gutenbergia elgonensis*** R. E. Fries
E. Africa, Mt. Elgon. Granvik s. n., 1920. Syntype.
- Gutierrezia baccharoides*** Sch. Bip.
[Chile] Magellanes, Sandy Point. Lechler 1241, II.1853. Type.
- Gutierrezia fiebrigii*** Hieron.
Bolivia, Tupiza. Fiebrig 3106, 23.II.1904. Type.
- Gymnochaena bruniades*** Reichb.
[South Africa, Cape] Sieber 23. Type.
- Gymnolomia decumbens*** B. L. Robins.
Mexico, state of Mexico, Tultenango. Pringle 3263, 3.IX.1890. Isotype.
- Gymnolomia parkinsonii*** Hemsl. f. *flaviflora* B. L. Robins. & Greenm.
Mexico, Jalisco, Guadalajara. Pringle 2460, 2.X.1889. Isotype.
- Gymnolomia patens*** A. Gray var. *abbreviata* B. L. Robins. & Greenm.
Mexico, Jalisco, Tequila. Pringle 4595. 21.IX.1893. Isotype.
- Gymnostephium angustifolium*** Harv.
[South Africa] Cape, Rivierzondereinde. Zeyher 2743, IX. Holotype.
- Gymnostephium corymbosum*** Harv.
[South Africa] Cape, im Rivierzondereinde. Zeyher 2741, IX. Isotype.
- Gymnostephium fruticosum*** DC.
[South Africa] Cape, zwischen Spaarbosch und Trado, 2000-3000 ft. Drège s. n. VII. Isotype.
- Gymnostephium gracile*** Less.
[South Africa] Cape, Tradow. Mundt s. n. Holotype.

Gymnostephium hirsutum Less.

[South Africa] Cape, Gnadenthal im Steenbockrivier. Ecklon s. n. [Ecklon & Zeyher?]. Holotype.

Gynoxys chengualensis H. Robinson & Cuatrec.

Ecuador, Sucumbias, Paramo Mirador SW of Playon de San Francisco, S of Rio Chengual headwaters. King, Peterson & Judziewicz 10131, 15.V.1990. Isotype.

Gynoxys cochabambensis Cabrera

Bolivia, prov. Chapare, depart. Cochabamba, Yanta-Aduna. Steinbach 9873, 10.VI.1929. Isotype.

Gynoxys cruzensis Cuatrec.

Bolivia, depart. Santa Cruz, oberer Waldgürtel, Cerro San Mateo Nordseite. Steinbach 8515, 24.X.1928. Isotype.

Gynoxys lehmannii Hieron.

Colombia, Paramo de les Delicias. Lehmann 8501. Isotype.

Gynoxys sancti-antonii Cuatrec. var. *latifolia* Cuatrec.

Ecuador, prov. Chimborazo-Canar border, between Sta. Rosa and Joyagshii. Camp E-4049, 6.VII.1945. Isotype.

Gynoxys tablaensis Cabrera

Bolivia, Bäumchen an der Waldgrenze über Tablas. Herzog 2201. V.1911. Type.

Gynura abbreviata F. G. Davies

Celebes, Rante Pao, 600 m. Kjellberg 2915, 12.XII.1929. Holotype.

Gynura brassii F. G. Davies

Papua, New Guinea, Misima Isl., Narian. Brass 27629, 5.VIII.1956. Isotype.

Haploestes greggii A. Gray var. *multiflora* I. M. Johnst.

Mexico, Coahuila and vicinity, Saltillo. Palmer 206, VI.1898. Isotype.

Haplopappus boliviensis Cabrera

Bolivia, über Tablas. Herzog 2186, V.1911. Type.

Haplopappus chrysocephalus Reiche

Chile, Linares. Philippi s. n. Isotype.

Haplopappus foliosus DC.

Chile. Bertero 1031. Type.

Haplopappus hypoleucus Turcz.

Ecuador, in Andibus. Spruce 5131. 1857-1859. Type.

Haplopappus occidentalis Hall

USA, California, Fresno Co., Parkfield grade, 5.7 miles N. of the summit, 1200 ft. Raven 8792, 31.VIII.1955. Topotype.

Haplopappus pectinatus Phil.

[Chile], Ñuble. Philippi s. n. Type.

Haplopappus pedunculatus Remy

[Chile], S. Fernando. Philippi s. n. Type.

Haplopappus rosulatus Hall.

Chile, Aguada Grande, near Antofagasta-Atacama provincial boundary. Johnston 5815, 16-18.XII.1925. Isotype.

Haplopappus sericeus Phil.

[Chile] Santiago. Philippi s. n. Type.

Haplopappus soratensis Blake

Bolivia, Larecaja, Sorata. Mandon 233, XI.1860. Isotype.

Haplopappus uncinatus Phil.

[Chile] Santiago. Philippi s. n. Type.

Harnackia bisecta Urban

Cuba, prov. Oriente, Sierra de Nipe. Ekman 15154, 20.IX.1922. Type.

Hebeclinium ehrenbergii Sch. Bip.

Mexico, Puerto de Dios. Ehrenberg s. n. Isotype.

Helianthus acuminatus S. F. Blake

Peru, Pueblo 3 miles below Amlo, Tomaiquichua. Macbride & Featherstone 2429, 19.IX.1922. Isolectotype.

Helianthus mandonii Sch. Bip.

Bolivia. Mandon 37, VI.1860. Type.

Helianthus nigrescens Heiser

Ecuador, prov. Azuay, along the río Tarqui, 4 km S of Cuenca, 8300 ft. Camp E-3903, 27.VI.1945. Isotype.

Helianthus senex S. F. Blake

Peru, Mito. Macbride & Featherstone 1572, 8-22.VII.1922. Isolectotype.

- Helichrysum abyssinicum* Sch. Bip. ex A. Rich.
Abyssinien [Ethiopia], in cacumine montis Kubbi, 8000 ft. Schimper 127,
26.VI.1837. Isotype.
- Helichrysum acanthophorum* R. E. Fries
Kenya, Mt. Kenya occid., 3500 m. Fries & Fries 1382, 2.II.1922. Isotype.
- Helichrysum acrophilum* Bolus
[South Africa] Reg. occid., Gydouwberg, 6000 ft, Koude Bokkeveld.
Schlechter 10049, 19.I.1897. Isolectotype.
- Helichrysum albilanatum* Hilliard
South Africa, Transvaal, 2530BA, near Lydenburg, 8 km on Sabie road.
Hilliard & Burt 14193. 5.III.1981. Isotype.
- Helichrysum altigenum* Schltr
[South Africa] Reg. occid. Elandsfontein, 5000 ft, Koude Bokkeveld.
Schlechter 10026. 18.I.1897. Isotype.
- Helichrysum ammitophilum* Hilliard
South Africa, Orange Free State, Harrismith, Queens Hill, summit. Hilliard
4954, 20.II.1970. Isotype.
- Helichrysum amorhinum* Boiss & Orphan.
Greece, in insula Amorpho. Orphanides 471, V.1854. Isotype.
- Helichrysum anatolicum* Boiss. var. *stenophyllum* Boiss. & Huet
Armenia, ad radices montium Tech-Dagh supra Erzeroum. Huet du
Pavillon s. n., VII.1853. Isolectotype.
- Helichrysum armenium* DC.
Nakitschiwan. Szovits 493. Syntype.
- Helichrysum bakeri* Humbert ssp. *cremnophilum* Humbert
Madagascar, Massif de l' Andringitra (Iratsy), vallées de la Riambava et de
l'Antsifotra. Humbert 3923, 27.XI-8.XII.1924. Type.
- Helichrysum barorum* Humbert
Madagascar, Pic d'Ivohibe (Bara). Humbert 3226, 5-11.XI.1924. Type.
- Helichrysum bellum* Hilliard
South Africa, Natal, top of Bushmans River Pass, summit of Drakensberg.
Wright 436, 31.I.1968. Isotype.

Helichrysum calocephalum Schltr

[South Africa] Natal colony, distr. Alexandra, Station Dumisa, 600 m.
Rudatis 437, 15.X.1908. Isotype.

Helichrysum chionoides Philipson

Kenya, Naivasha prov., Naivasha distr., Mt. Aberdare, Kinangop. Taylor
1491, 30.X.1934. Isotype.

Helichrysum chrysocoma Sch. Bip. ex A. Rich.

Abyssinia [Ethiopia], in montibus Simensibus. Schimper 979. Isotype.

Helichrysum citricephalum Hilliard & Burt

South Africa, Natal, Ixopo distr., Ixopo to Umzimkulu. Hilliard & Burt
8045. 26.II.1975. Isotype.

Helichrysum coactum M. D. Henderson

South Africa, Natal, Cathedral Peak Forest Res. Station. Killick 1354,
26.I.1951. Isotype.

Helichrysum crenulatum R. E. Fries

Kenya, Mt. Aberdare, Sattima. Fries & Fries 2640, 19.III.1922. Isotype.

Helichrysum difficile Hilliard

South Africa, Transvaal, 2430DD Graskop, 2 km from town on road to
Blyde River Canyon. Hilliard & Burt 14335, 14.III.1981. Isotype.

Helichrysum dregeanum Sond. & Harv.

[South Africa] Cape, Stormbergen, 5000-6000 ft. Drège s. n. XII. Isotype.

Helichrysum dunense Hilliard

South Africa, Cape, Clanwilliam div., 1 mile S. of Stenbokfontein (S. of
Lamberts Bay). Nordenstam 3412, 11.XII.1963. Isotype.

Helichrysum ecklonis Sond.

[South Africa] Cape, Tambukiland, an der rechten Seite des Keyrivier,
3000-4000 ft. Ecklon 1410, XI. Holotype.

Helichrysum epapposum Bolus (*Helichrysum inerme* Moeser)

[South Africa] Transvaal, in humid. mont. Mporue, 2200 m. Schlechter
4735, 29.III.1894. Syntype.

Helichrysum ephelos Hilliard

South Africa, Natal, Lions River distr., Fort Nottingham commonage.
Hilliard & Burt 10329, 4.V.1977. Isotype.

Helichrysum errerae Tineo

Pantellaria, Coll. ignot. Isotype.

Helichrysum fastigiatum Harv.

[South Africa] Cape, near rivier Zonder Einde & Buffeljagdrivier. Zeyher 2859. Isolectotype.

Helichrysum fieldianum Rech. f.

Iraq, Jebel Baradost near Diana Rowandiz. Field & Lazar 909, 26-29.VI.1934. Type.

Helichrysum formosissimum Sch. Bip. ex A. Rich.

Abyssinia [Ethiopia], in latere septent. montis Simensis Silke. Schimper 672, 10.II.1840. Isotype.

Helichrysum forskahlii J. G. Gmelin

Kurmae Arabiae. Forsskåhl s. n. Isotype.

Helichrysum gerberaeifolium Sch. Bip.

Abyssinia [Ethiopia], in reg. septent. superiori montis Scholoda. Schimper 203, 7.VI.1837. Isotype.

Helichrysum glaciale Hilliard

South Africa, Cape, Maclear-Barkly East district boundary, Naude's Nek. Hilliard 5186, 27.XI.1971. Isotype.

Helichrysum glanduliferum Sch. Bip.

[Kurdistan] In declivibus saxosis septen. versus situs in m. Gara. Kotschy 310, 24.VII.1841. Isotype.

Helichrysum griseum Sond.

[South Africa] Port Natal. Gueinzus 322. Lectotype. - Gueinzus 590. Paratype.

Helichrysum heterolasium Hilliard

South Africa, Natal, Estcourt distr., Giants Castle Game Reserve. Wright 1247, 11.I.1972. Isotype.

Helichrysum horridum Sch. Bip.

Abyssinia [Ethiopia], sine loco. Schimper 975. Isotype.

Helichrysum incarnatum DC.

[South Africa, Cape] Breederivier. Drège s. n. Isotype.

Helichrysum inerme Moeser (see *Helichrysum epapposum*).

Helichrysum inornatum Hilliard & Burt

South Africa, Natal, Alfred distr., Ngeli Mt., SE. end. Hilliard & Burt 5766, 2.I.1969. Isotype.

Helichrysum interjacens Hilliard

South Africa, Natal, Ngotshe distr., Itala Nat. Res., 5000 ft. Hilliard & Burt 10021, 4.IV.1977. Isotype.

Helichrysum intricatum DC.

[South Africa, Cape] loco ignoto. Ecklon & Zeyher s. n. Isotype.

Helichrysum itremense Humbert

Madagascar, Montagnes a l'ouest D'Iremo (Oest Betsileo). Humbert 30112, I. & IV.1955. Isotype.

Helichrysum jubilatum Hilliard

South Africa, L. Namaqualand div., Richtersveld, c. 5 miles E. of Lekkersing on road to Stinkfontein. Nordenstam 1823, 7. XI.1962. Holotype.

Helichrysum kotschyi Boiss.

[Iran] Persia austr., in alpe Kuh-Delu. Kotschy 514, 14.VI.1842. Isotype.

Helichrysum krebsianum Less.

[South Africa] Cape. Krebs 154. Holotype.

Helichrysum lacteum Coss. & Dur.

Algeria, near Batna. Balansa 777, 1853. Isotype.

Helichrysum lanatum Harv.

[South Africa] Cape, Sandrivier. Zeyher 878, XI. Isolectotype.

Helichrysum lasianthum Schltr & Moeser

[South Africa] Reg. occid., Koude Bokkeveld, Klyn Vley, 4000 ft. Schlechter 10061, 20.I.1897. Isotype.

Helichrysum laxum DC.

[South Africa] Cape, Paarlberg, 1000-2000 ft. Drège s. n., XI-XII. Syntype.

Helichrysum lingulatum Hilliard

South Africa, Cape, Maclear distr., Summit Pot River Pass, 6400 ft. Hilliard 5173, 26.XI.1971. Isotype.

Helichrysum longiquum Hilliard

South Africa, Natal, 2929CB Underberg distr., Cobham 7R, Upper Polela. Hilliard & Burt 12613, 16.II.1979. Isotype.

Helichrysum mahafaly Humbert

Madagascar, Du Lac Manampetsa, au delta de la Linta (Sud-Ouest), près de Beheloka. Humbert & Swingle 5299, 17-24.VIII.1928. Type.

Helichrysum mandrareense Humbert

Madagascar, massif de l'Andohahelo (SE.) vallée de Ranohela. Humbert 5201, 18-26.X.1928. Isotype.

Helichrysum manopappum O. Hoffm.

South Africa, Loskraal, Zonderendrevier. Penther 1179, 19.III.1894. Isotype.

Helichrysum mariepsopicum Hilliard

South Africa, Transvaal, Pilgrimsrest distr., Mariepskop. Hilliard 4726, 23.I.1968. Isotype.

Helichrysum mollifolium Hilliard

South Africa, Natal, 2929CB Underberg distr. Cobham 7R Upper Polela. Hilliard & Burt 12611, 16.II.1979. Isotype.

Helichrysum montanum DC.

[South Africa] Cape, Witbergen. Drège s. n., I. Isotype.

Helichrysum montis-cati Hilliard

South Africa, 3226BC, Katberg Pass. Hilliard & Burt 13261, 28.X.1980. Isotype.

Helichrysum montosiculum Gandoger

South Africa, prope Camperdown, 1000 m. Schlechter 3283, 17.IX.1893. Isotype.

Helichrysum mutabile Hilliard

South Africa, Transvaal, 2530 CB, Waterval Boven, old road near tunnel. Hilliard & Burt 14189, 4.III.1981. Isotype.

Helichrysum namaquense Schltr & Moeser

[South Africa, Namaqualand, Zabies] reg. occid. Schlechter 11224 [12-13. IX. 1897]. Isotype.

Helichrysum nericinctum Humbert var. *alticolum* Humbert

Madagascar, Massif de l'Andohahelo (Sud-est), crêtes et rochers siliceux de sommet. Humbert 6155 bis, 21-22.X.1928. Type.

Helichrysum nimbicola Hilliard

Lesotho, Sani Pass, 9400 ft. Hilliard 5334, 18.II.1973. Isotype.

***Helichrysum obtusum* S. Moore var. *namibense* Merxm.**

[Namibia] Deutsch Südwestafrika, Lüderitzbucht. Dinter 6007, 2.II.1929. Isotype.

***Helichrysum onivense* Humbert**

Madagascar, environs de Fort-Dauphin, Mont Oniva (Taivala) au nord de Ranopitso. Humbert 5854, 25.IX.1928. Type.

***Helichrysum paronychioides* DC.**

[South Africa, Cape, beyond the Gariiep, Pellat Plains] Burchell 2234. [10-28.VIII. 1812]. Isotype.

***Helichrysum petraeum* Hilliard**

South Africa, Natal, Richmond distr., ridge leading to Peak of Byrne, c. 1525 m. Hilliard 8092. 29.IV.1976. Isotype.

***Helichrysum plicatum* DC.**

Nakitschirvan (?). Izovitz (?) s. n. Isolectotype.

***Helichrysum polycladum* Klatt**

[South Africa] Transvaal, in saxos. summi monti Mporue, 2300 m. Schlechter 4725, 29.III.1894. Isotype.

***Helichrysum populifolium* DC.**

[South Africa, Cape] Drège s. n. Isotype.

***Helichrysum pseudofasciculatum* Schrank**

[South Africa] Cape town. Brehm s. n. Isotype.

***Helichrysum pulchellum* E. Mey.**

[South Africa, Cape] Inter Hexriver et Bokkeveld. Drège s. n. Isotype.

***Helichrysum x rhodium* Rech. f.**

Insula Rhodos (Rodi), in saxosis promont. Hag. Georgios ad Monolithos. Rechinger 7490, 20.V.1935. Isolectotype.

***Helichrysum rudolfii* Hilliard**

[South Africa] Transvaal, 2530 BA Sabie-Lydenburg, Long Tom Pass. Hilliard & Burt 14363, 15.III.1981. Isotype.

***Helichrysum scitulum* Hilliard & Burt**

South Africa, E Cape, 3124 DD S extreme of Renosterberg, Farm Blaauwater. Hilliard & Burt 10629, 24.XI.1977. Isotype.

***Helichrysum serotinum* Boiss.**

[Spain] Ad radices montium Regni Granatens. Boissier s. n. IX.1837.
Isolectotype.

***Helichrysum serpentinicola* Wild**

Rhodesia, Distr. Shurugwi (Selukwe), Umbetekwe river, serpentine hill on Great Dyke. Wild 8012, 10.IX.1975. Isotype.

***Helichrysum simulans* Harv. & Sond.**

[South Africa] Cape, George, in der gegend von Gouritzrivier. Ecklon & Zeyher 94.12., XII. Holotype.

***Helichrysum sphaeroideum* Moeser**

[South Africa] Transvaal, in saxos. Langebergen pr. Zuurbraak, 1000 m. Schlechter 2047, 8.I.1893. Isotype.

***Helichrysum spiciforme* DC.**

[South Africa, Kuruman, near Skirt Mekaar]. Burchell 2247.
[27.VIII.1812]. Isotype.

***Helichrysum spodiophyllum* Hilliard & Burt**

[South Africa] Natal, Ngotshe distr., Ngome forest reserve, 4000 ft. Hilliard & Burt 5933, 12.I.1969. Isotype.

***Helichrysum steudelii* Sch. Bip.**

Abyssinien [Ethiopia], in agris novalibus prope Adoam. Schimper 231,
15.XI.1837. Isotype.

***Helichrysum subglomeratum* Less.**

[South Africa] Cap. B. Sp. Krebs 146. Isolectotype.

***Helichrysum syncephaloides* Humbert**

Madagascar, Massif de L'Andringitra (Iratsy), Vallées de La Rimbava et de L'Antsifotra. Humbert 3837, 27.XI-8.XII.1924. Isotype.

***Helichrysum tenax* M. D. Henderson var. *pallidum* Hilliard & Burt**

South Africa, Transkei, Tabankulu mt. Hilliard & Burt 7336, 18.XI.1973.
Isotype.

***Helichrysum tenuiculum* DC.**

[South Africa] Cape, Dutoitskloof, 3000-4000 ft. Drège s. n. Isotype.

***Helichrysum tenuifolium* Killick**

[South Africa] Natal, Bergville, Cathedral Peak Forest Research Station.
Killick 1591, 15.XI.1951. Isolectotype.

Helichrysum transmontanum Hilliard

[South Africa] Transvaal, 2330 CC Magoebaskloof, opposite hotel. Hilliard & Burt 14332, 13.III.1981. Isotype.

Helichrysum tysonii Hilliard

South Africa, E. Cape, 3124 DD S extreme of Renosterberg above Lootsberg. Hilliard & Burt 10626, 24.XI.1977. Isotype.

Helichrysum vaginatum Humbert

Madagascar, Massif de L'Andohahelo (sud-est). Humbert 6204, 21-22.X.1928. Isotype.

Helichrysum vohimavense Humbert

Madagascar, Bassin de la Manampanihy (sud-est), Mont Vohimavo au N. d'Ampasimena. Humbert 20721, 27-28.III.1947. Isotype.

Helichrysum zeyheri Less.

South Africa, Rhinosterkop near Vaalriver. Zeyher 885, V. Isotype.

Heliopsis filifolia Watson

Mexico, Coahuila, Careros Pass. Pringle 2396, 10.IX.1889. Isotype.

Helipterum canescens DC. var. *microphyllum* Sond.

[South Africa, Cape Prov.,] Abhang der Klynriviersberge, VIII. Zeyher 2852. Holotype.

Helipterum glabratum Sond.

[South Africa, Cape Prov.] Berge um Klynrivierskloof, VIII. Zeyher 2839. Holotype, isotype.

Helipterum speciosissimum (L.) DC. var. *polycephalum* Harv.

[South Africa, Cape Prov.] Distr. Zwelldam. Ecklon s.n. Lectotype.

Helipterum zeyheri Sond.

[South Africa, Cape Prov.] Feuchte grasreiche Stellen auf den Bergen bei der Mündung des Klynrivier, VIII. Zeyher 2845. Holotype.

Hemizonia arida Keck

USA, California, Kern Co., Mouth of Red Rock Canyon, 2300 ft. Keck & Stockwell 3279, 11.V.1935. Isotype.

Hemizonia pallida Keck

USA, California, Head of the San Joaquin Valley, 5.3 miles N of Grapevine, Kern Co. Keck & Heusi 2255, 6.V.1933. Isotype. - USA, California, NE San Luis Obispo Co. 1.5 miles easterly of Cholame, 1200 ft. Keck & Hiesey 2170, 4.V.1933. Isotype.

***Heptanthus brevipes* Wright**

Cuba. Wright 2821, 1860-1864. Type.

***Heptanthus ranunculoides* Griseb.**

Cuba. Wright 2820, 1860-1864. Type.

***Herodotia haitiensis* Urban & Ekman**Hispaniola, Haiti, Massif de la Selle, Mome Tranchant, on hard limestone.
Ekman H 1881, 13.IX.1924. Type.***Herodotia mikanioides* Urban & Ekman**Hispaniola, Haiti, Massif de la Selle, Mome de la Selle, above Badeau.
Ekman H 3123, 28.I.1925. Type.***Heterosperma spathulatum* Blake**

Ecuador, in Andibus. Spruce 5788, XI.1858. Isotype.

***Heterothalamus macrophylla* Dusén**

Brazil, Sierra do Itatiaia. Dusén 31, 14.V.1902. Type.

Hieracium. Please note that most types of this genus, especially species described from Scandinavia, have not been included in the data base.***Hieracium accumulatum* Hylander**Sweden, Uppland, Lidingö, Kappsta park. Hylander s. n., 6.VII.1935
[1937]. - Ditto, 20.VI.1938. Syntypes.***Hieracium achalense* Sleumer**Argentina, Pampa de Achala, El Condor. Meyer & Sleumer 15746,
20.XII.1949. Type.***Hieracium achalense* Sleumer var. *atrisquamiferum* Sleumer**Argentina, Pampa de Achala, El Condor. Meyer & Sleumer 15744,
20.XII.1949. Type.***Hieracium antarcticum* Sch. Bip.**[Chile] Magallanes. Lechler 1240, I.1853. Isotype. - Philippi s. n., 1864-
1865. Isotype.***Hieracium apolense* Rusby**Bolivia, La Paz, hills near Apolo. Williams s. n., 20.II.1902. Type fragment
and photograph.***Hieracium argentinense* Zahn**Argentina, prov. Tucuman, dep. Tafi, La Ciénaga, arriba del arroyo gr.
Sleumer 2022, 29.I.1950. Chorotype.

Hieracium asplundii Sleumer

Bolivia, La Paz, Ingavi, Guaqui. Asplund 2306, 2.II.1921. Holotype.

Hieracium astroadenium Sleumer

Argentina, prov. Tucuman, dep. Tafi, La Ciénaga, an la barranca y en la playa del Arroyo. Sleumer 2051, 27-29.I.1950. Type.

Hieracium austroamericanum Dahlst. ex Dusén

Argentina, Patagonia, Santa Cruz, Lago Argentino, in campo. Dusén 5609, I.1905. Lectotype. - Dusén 5639, I.1905. Paratype. - Dusén 5672, I.1905. Paratype.

Hieracium boliviense Sch. Bip. ssp. *tucumanicum* Zahn

Argentina, La Ciénaga, locus classicus. Sleumer 2048, 27-29.I.1950. Chorotype.

Hieracium brasiliense Malme

Brazil, Minas Geraes, Serra de Caracol. Mosén 4230, 20.XII.1875. Type.

Hieracium catamarcense Sleumer

Argentina, Catamarca, Capayán, Las Angosturas cuesta del Alte de les Chiqueritos. Verveer 3495, 29.II.1952. Type.

Hieracium commersonii Monn.

Uruguay, Montevideo. Commerson s. n. Holotype fragment.

Hieracium commersonii Monn. var. *megapotamicum* Malme

Brazil, Rio Grande do Sul. Malme 584*, 16.II.1893. Type.

Hieracium cordobense Sleumer

Argentina, Cordoba, Punilla, El Durazno. Sleumer & Meyer 15294, 17.XII.1949. Type.

Hieracium ekmanii Zahn

Hispaniola, Haiti, Massif de La Hotte, western group, Jérémie, between Lopineau and Morne Pain-de-Sucre, 1300 m. Ekman H 10393, 22.VII.1928. Type. - Hispaniola, Haiti, Massif des Matheux, Grands-Bois, Camillon, c. 1000 m. Ekman H 5680, 12.III.1926. Paratype.

Hieracium epileuroides Dahlst.

Faeroes, Strömö, 'hammes' at Sjøv. Hartz & Ostenfeld s. n., 31.VII.1897. Type.

Hieracium eriadenum Sleumer

Argentina, Salta, Caldera, Quebrada del Rio Potrero Castillo entre Angostura. Sleumer & Verveer 3024, 16.III.1952. Type.

- Hieracium eriadenum* Sleumer var. *subadenocephalum* Sleumer
Argentina, Salta, Caldera, Quebrada del Rio Potrero Castillo entre
Angostura. Sleumer & Verveer 3024a, 16.III.1952. Type.
- Hieracium faeroense* Dahlst.
Faeroes, Insula Suderö, in rupibus ad Våg, 25. Simmons 627, 10.VIII.1895.
Type.
- Hieracium fiebrigianum* Zahn
Argentina, Salta, Sta. Victoria, Toldos. Fiebrig 2379a. Isotype fragment.
- Hieracium fimbriatum* Arv.-Touv.
Bolivia, La Paz, Larecaja, Sorata. Mandon 272. Holotype fragment.
- Hieracium flaccidum* Fries
Brazil, Minas Geraes. Lindberg 28, X.1854. Type.
- Hieracium frigidum* Wedd.
Colombia, Tolima. Goudot 1, 1884. Lectotype fragment and photograph.
- Hieracium fulvipes* Wedd.
Argentina, Salta, Sta. Victoria, Toldos, Cuesta San José. Sleumer 3843, 7.
II. & 11.II.1953. Type.
- Hieracium giganteum* Sleumer
Argentina, Córdoba, Punilla/S. Alberto, Pampa de Achala, El Condor.
Meyer & Sleumer 15740, 20.XII.1949. Type.
- Hieracium gilliesianum* Sleumer
Argentina, Mendoza, Las Heras, arriba de Villavicencio. Sleumer 2081,
25.XII.1949. Type.
- Hieracium hartzianum* Dahlst.
Faeroes, Bordö, 'hammes' at Bordövig. Hartz & Ostenfeld s. n.,
17.VII.1897. Type.
- Hieracium lagopus* Don
Colombia, Ocana. Pavon s. n. Isotype fragment.
- Hieracium leucanthemum* Wedd.
Colombia, Ocana, páramos. Schlim 567. Fragment and photograph.
- Hieracium leucotrichum* Fries
Brazil, Minas Geraes. Lindberg 28, 30.VI.1854. Holotype.

***Hieracium lorentzianum* Zahn var. *pilosissimum* Sleumer**

Argentina, Tucuman, Tafi, Tafi del Valle, Quebrada de la Bolsa. Sleumer 2031, 25.I.1850. Type.

***Hieracium mandonii* (Sch. Bip.) Arv.-Touv. var. *soratae* Sch. Bip.**

Bolivia, Larecaja, Sorata. Mandon 271., 1858. Isotype.

***Hieracium mapirensis* Britt.**

Bolivia, La Paz, Mapiri, Yunga. Rusby 1694, V.1886. Isotype fragment.

***Hieracium marylandicum* Zahn var. *pseudopaniculatum* Zahn**

Hispaniola, Haiti, Massif de la Selle, group Morne des Commissaires, Grand-Gosier. Ekman H 6847, 3.IX.1926. Type.

***Hieracium mendocinum* Sleumer**

Argentina, Mendoza, Las Heras, Villavicencio. Sleumer 2078, 25.XII.1949. Type.

***Hieracium microcephalum* Sch. Bip.**

Peru, Puno, Ayapata. Lechler 1820 p. p. Holotype fragment.

***Hieracium microcephalum* Sch. Bip. var. *subglandulosum* Sleumer**

Bolivia, Toldos bei Bermeio. Fiebrig 2376, 9.XII.1903. Isotype.

***Hieracium mosenii* Malme**

Brazil, Minas Geraes, Caldas. Mosén 4231, 5.XI.1875. Type.

***Hieracium neofurcatum* Sleumer**

Argentina, Salta, Sta. Victoria, Entra 'Patahuasi' y Rodeopampa. Sleumer 3722, 3.II.1953. Type.

***Hieracium orthotrichum* Fries**

Chile. Eschscholtz s. n. Holotype.

***Hieracium ostenfeldii* Dahlst.**

Faeroes, Stömö, Gjov ad Vestmanhorn. Hartz & Ostenfeld s. n., 1.VIII.1897. Type.

***Hieracium padcayense* Sleumer**

Bolivia, Tarija, Toldos-Padcaya. Fiebrig 2376b, 9.XII.1903. Holotype.

***Hieracium pazense* Blake**

Bolivia, La Paz. E.W.D. & Holway 42, 19.III.1920. Type fragment and photograph.

- Hieracium permutatum* Naegeli & Peter
Rhaetia, in alpinis 'Stutzalpen' montis Splügen 1950 m. Naegeli in Peter
(ed) exsicc. 231 b, 12-16.VII.1867. Isolectotype.
- Hieracium peruanum* Fries
Peru, circa Huanuco. Pavon s. n. Holotype fragment.
- Hieracium petrophytes* Sleumer
Argentina, Cordoba, Punilla/S. Alberto, Pampa de Achala, El Condor.
Meyer & Sleumer 15745, 20.XII.1949. Type.
- Hieracium pleistocephalum* Baker
Brazil, Minas Geraes, Caldas. Lindberg 626, I.1855. Isotype.
- Hieracium praecox* Sch. Bip. ssp. *pallidulatum* Jord. var. *macrocephalum*
Sleumer & Jahn
[Germany] Baden, Hirschsprung in Höllental bei Freiburg. Sleumer s. n.,
6.VI.1931. Type.
- Hieracium pseudoargentinese* Sleumer
Argentina, Salta, Sta. Victoria, Abra de Pefia Negra hasta de Abra de San
José. Sleumer 3844, 7.II.1953. Type.
- Hieracium psychroadenium* Sleumer
Bolivia, La Paz, vicinity of La Paz. Joseph 1144. IV.1919 April. Holotype
fragment and photograph.
- Hieracium schreiteri* Sleumer
Argentina, Catamarca, Sta. Maria, Negro-ara. Rodriguez 20, 10.III.1914.
Holotype fragment.
- Hieracium scoticiforme* Dahlst.
Faeroes, Strömö, Kirkebö. Hartz & Ostenfeld, 18.VIII.1897. Syntype.
- Hieracium simmonsianum* Dahlst.
Faeroes, Insula Suderö, in rupibus ad Våg. Simmons 759, 10.VIII.1895.
Syntype.
- Hieracium sordidum* Griseb.
Argentina, Catamarca, Belén, Quebrada de los Potrerillos arriba de El
Rodeo-Las Granadillas. Sleumer & Vervoort 2501, 26.I.1952. Topotype.
- Hieracium sordidum* Griseb. var. *subglandulosum* Sleumer
Argentina, Catamarca, Belén, Quebrada de los Potrerillos arriba de El
Rodeo-Las Granadillas. Sleumer & Vervoort 2496, 26.I.1952. Type.

***Hieracium stachyoideum* Arv.-Touv.**

Bolivia, Larecaja, Sorata. Mandon 274, III-IV.1858. Isotype.

***Hieracium streptochaetum* Zahn f. *floccosius* Sleumer**

Argentina, Tucuman, Tafi, Tafi del Valle, Rio Blanquito, entrada en la quebrada (Mastil). Sleumer 2071, 23.I.1950. Type.

***Hieracium subargentinese* Zahn var. *rufocomatulum* Sleumer**

Argentina, Tucuman, Tafi, Tafi del Valle, Quebrada de la Bolsa. Sleumer 2075, 25.I.1950. Isotype.

***Hieracium trichodontum* (Sch. Bip.) Arv.-Touv. f. *major* Sch. Bip.**

Bolivia, Larecaja, Sorata. Mandon 270, IV.1857. Isolectotype.

***Hieracium trichodontum* (Sch. Bip.) Arv.-Touv. f. *minor* Sch. Bip.**

Bolivia, Larecaja, Sorata. Mandon 272, 1857. Isotype.

***Hinterhubera kotschyi* Sch. Bip.**

[Sudan] Iter Nubicum, ad montem Cordofanum Arasch-Cool locis prius humidis. Kotschy 175, 14.X.1839. Isotype.

***Hirpicium armerioides* (DC.) Roessler ssp. *rudatisii* Roessler**

South Africa, Natal, Umzinto, Dumisa, Fairfield, 800 m. Rudatis 754, 15.X.1909. Isotype.

***Hoplophyllum ferox* Sond.**

[South Africa] Cape, Gamkariver. Zeyher. Syntype. - [South Africa] Cape, Kuilsrivier, Beaufort. Zeyher, 1825. Syntype.

***Hyalis acaciifolia* Koster**

Bolivia, auf dem aufgetrockneten Boden einer Sumpf-Lagune bei Ipaguazu. Herzog 1068, XI.1910. Type.

***Hyaloseris boliviensis* Koster**

Bolivia, Strauch in der Dornbuschsteppe zwischen Pulquina arriba und Comarapa. Herzog 1798, IV.1911. Type.

***Hyaloseris camataquiensis* Hieron.**

Bolivia, Camataqui. Fiebrig 3067, 10.II.1904. Type.

***Hyaloseris quadrifolia* Koster**

Bolivia, an sonnigen Felshängen des Cerro San Pedro bei Cochabamba. Herzog 2461, VIII.1911. Type.

- Hyalosperma simplex* (Steetz) P. G. Wilson ssp. *graniticola* P. G. Wilson
Western Australia, ca 2 km NW of Shannon township, 34 35 S; 116 24 E,
Wilson 12374, 12.XI.1986. Isotype.
- Hymenolepis dregeana* DC.
[South Africa] Cape, between Omsamcaba and Omsamwubo. Drège s. n.
Isotype.
- Hymenothrix glandulosa* Watson
Mexico, Chihuahua, wet places, Sierra Madre, 9500 ft. Pringle 1640,
29.IX.1888. Type.
- Hypochoeris lanata* Dusén
[Argentina] Santa Cruz. Dusén 6019, 27.II.1905. Type.
- Hypochoeris ushuaiae* Skottsberg.
[Argentina] Tierra del Fuego. Skottsberg 281, 11.III.1902. Type.
- Ichthyothere cordata* Malme
Brazil, Matto Grosso, inter Buriti et Santa Anna da Chapada. Malme 2357,
21.IX.1902. Type. - Brazil, Matto Grosso, Santa Anna da Chapada. Malme
2357B, 14.X.1902. Type.
- Ichthyothere palustris* Malme
Brazil, Matto Grosso, Santa Anna da Chapada. Malme 2350, 20.IX.1902.
Type.
- Ifloga ambigua* Thellung (*Ifloga thellungiana* Hilliard & Burt)
[South Africa] Reg. austral., in collibus circa Malmesbury, 230 m.
Schlechter 1618, 2.XI.1892. Isotype.
- Inula multicaulis* Boiss.
In rupes prope Hieropolim Cariae. Boissier s. n., VI.1842. Isotype.
- Inula sarana* Boiss.
Cilicia, Rochers du Sara pres Ermenek. Peronin 142, VII.1872. Type.
- Inula serpentinica* Rech. f. & Goulimy
Macedonia occident., distr. Kozani, in monte Vourinon. Rechanger 17390,
5-7.VII.1956. Type.
- Inula viscidula* Kotschy & Boiss.
Iter Cilicio-Kurdicum, prope Musch, in angustiis rupestribus Teng, 6500 ft.
Kotschy 446, 9.IX.1859. Type.

Inulopsis stenophylla Dusén

Brazil, Paraná, Capao Grande. Dusén 3989, 5.III.1904. Type.

Isocarpha billbergiana Less.

Colombia, Carthagená. Billberg 177, I-II.1826. Type.

Isocarpha cubana Blake

Cuba. Wright 2857, 1860-1864. Isotype.

Isocoma tomentosa Nesom

Mexico, Chihuahua, Banos de San Diego, 1.8 km E of San Diego de Alcalá. Nesom 5478, 14.X.1986. Isotype.

Isostigma foliosum Malme

Brazil, Matto Grosso. Malme 1584, 26.IV.1894. Syntype.

Ixiolaena chrysantha Steetz

[Western Australia] In arenosis silvae prope urbisculam Perth. Preiss 105, 23.IX.1839. Isolectotype.

Jalcophila boliviensis A. Anderb. & Freire

Bolivia, Larecaja, Sorata. Mandon 179, I-II.1859. Holotype.

Jalcophila ecuadoriense Dillon & Sagást.

Ecuador, Carchi, Páramo El Angel, in the pass on road El Angel-Tulcán. Holm-Nielsen et al. 5362, 15.V.1973. Isotype.

Jessea gunillae B. Nord.

Costa Rica, 15 miles SE of Volcan Poas on road to Heredia, 2050 m. Nordenstam 9154, 3.III.1993. Holotype.

Jungia coarctata Hieron. var. *acutiloba* Harling

Ecuador, Prov. Pichincha, Pifo, between the village and Los Corrales. Asplund 6977, 17.VI.1939. Holotype.

Jungia crenatifolia Harling

Ecuador, Prov. Azuay, 10 km south of Cumbe. Harling 5681, 8.VII.1959. Holotype.

Jungia floribunda Spruce ex Benth. & Hook.

[Ecuador] In Andibus Ecuadorensibus. Spruce 5966, 1857-59. Isolectotype.

Jungia glandulifera Harling

Ecuador, Prov. Loxa, Carimanga, road to Gouzouama. Harling 6014, 21-23.VII.1959. Holotype.

Jungia hirsuta Cuatrec.

Ecuador, prov. Chimborazo, Canon of the río Chanchán near Huigra, 4000-4500 ft. elev. Camp E-3011, 7-14.V.1945. Isotype.

Jungia malvaefolia Muschler

Loco ignoto. Weberbauer 2912, 18.IV.1903. Type.

Jungia schueræ Harling

Peru, Dep. Lima, Prov. Huarochiri, Matucana. Asplund 11101, 26.V.1940. Holotype.

Jungia sodiroi Hieron.

Ecuador, Prov. Chimborazo, between Huigra and Naranjapata. Asplund 7750, 20.VII.1939. Neotype.

Jungia weberbaueri Cerrate

Peru, Dept. Huánaco, Prov. Pachitea, near Chaglla, Huallaga, 2900 m. Weberbauer 6701, 1909-1914. Isotype.

Jurinea sarhaddensis Rech. f., Aellen & Esfand.

Iran, prov. Baluchistan, inter Zahedan (Duzdab) et Khask (Kwash), 1300-1600 m. Rechinger, Aellen & Esfandiari 4207, 15.V.1948. Type.

Kanimia oblongifolia Baker

Brazil. Ule 934, IX.1888. Type.

Kanimia strobilifera Gardner

Brasilia, Indayataba. Riedel 1288, II.1834. Type.

Karwandarina aphylla Rech. f., Aell. & Esfand.

Iran, Baluchistan, Inter Khash et Iranshar. Rechinger et al. 3964, 16-17.V.1948. Type.

Kaufussia ciliata Spr.

[South Africa] Hottentotsholland, Zeyher 362. Type.

Kaufussia strigosa Spr.

[South Africa] Uitenhagen, 1826, Zeyher 270. Type.

Korymera handsvanica Rech. f.

Iran, N. Mazandaran, jugi Kandavan. Rechinger 48310, 21.VI.1974. Type.

Lachnorhiza asteroides Griseb.

Cuba. Wright 2835, 1860-1864. Type.

Lachnospermum neglectum Schltr

[South Africa] Reg. occid., in collibus aridis prope Brand vlei, 1200 ft. Schlechter 9934, 9.I.1896. Type.

Lactuca adenophora Kotschy & Boiss.

Iter Cilicico-Kurdicum, prov. Musch ad radices australes Bimgoell montis ad Gungum in distr. Wardo. Kotschy 501, 26.VIII.1859. Type.

Lactuca armena Boiss. & Kotschy

Iter Cilicico-Kurdicum, in monte Bimgoell inter Musch et Erzerum, Wardo, 5000 ft. Kotschy 639, 17.VIII.1859. Type.

Lactuca brachyrhyncha Greenm.

Mexico, Federal distr., Tlalnepantla, Valley of Mexico, 7300 ft. Pringle 6883, 6.VII.1898. Type.

Lactuca cornigera Pau & Font Quer

Morocco. Hab. in quercetis suberis juxta Asib de Ktama, solo saxoso arenaceo, 1650 m. Font Quer 476, 12.VII. & 10.X.1929. Type.

Lactuca georgica Grossheim

Transcaucasia, pr. et distr. Tiflis prope ruinas Ker-Ogly, 4000 ft. Grossheim 25, 6.VIII.1922. Type.

Lactuca hochstetteri Sch-Bip.

Abyssinia [Ethiopia]. Schimper 128. Type.

Lactuca leucoclada Rech. f. & Tuisl

Afghanistan, prov. Ghorat, in declivis borealibus montis Kuh-Tscheling-Safed-Daraq (Pirestan). Rechinger 19074, 31.VII-1.VIII.1962. Type.

Lactuca polyclada Boiss.

[Iran] Persia austr., in glareosis alpis Kuh-Daëna. Kotschy 603, 662, 14.VII.1842. Type.

Laggera braunii Vatke

Abyssinia [Ethiopia], Dembea. Schimper 1348, 9.XI.1863. Type.

Laggera crassifolia Sch. Bip. ex Hochst. (*Blumea crassifolia* A. Rich.)

Abyssinia [Ethiopia], in regione australi montium continuorum prope Genniam dittonis Memsach. Schimper 154, 27.XII.1837. Type.

Laggera elatior R. E. Fries

Kenya, Mt. Kenya occid. prope Forest Station in campo, 2300 m. Fries & Fries 425, 28.XII.1921. Type.

- Laggera tomentosa* Sch. Bip. ex Hochst. (*Blumea tomentosa* A. Rich.)
Abyssinia [Ethiopia], prope Genniam ditionis Memsach (plantae
Adoenses). Schimper 236, 21.XII.1837. Type.
- Laggera volkensis* O. Hoffm.
Type fragment.
- Lagophylla dichotoma* Benth. ssp. *minor* Keck
USA, California, Napa Co., bridge over Pope Creek, just S of Walters
Spring. Keck 2338, 29.V.1933. Isotype.
- Lamprocephalus montanus* B. Nord.
South Africa, Cape, Ceres, Koude Bokkeveld, in montibus pone
Tweefontein, 5500 ft. Schlechter 10119, 24.III. 1897. Holotype.
- Lantanopsis hispidula* Wright
Cuba. Wright 1315, 1860-1864. Type.
- Lasianthaea fruticosa* (L.) K. Becker var. *alamosana* K. Becker (see *Zexmenia
fruticosa*).
- Layia chrysanthemoides* (DC.) Gray ssp. *maritima* Keck & Clausen
USA, California, Sonoma Co., 6.2 miles S. of Jenner, coastal bluffs at a
little bay. Clausen 1090, 24.V.1935. Type.
- Layia platyglossa* (F. & M.) Gray ssp. *maritima* Keck & Clausen
USA, California, Sonoma Co., 6.5 miles S of Jenner, on sandy bluffs above
the ocean. Clausen 1094, 24.V.1935. Isotype.
- Leontodon stenocalathius* Rech. f.
Iran, prov. Gorgan (Asterabad), in declivis borealibus montium Shahvar
prope Hadjilang, 2400-2600 m. Rechinger & Rechinger 6162, 26-
27.VII.1948. Type.
- Leontonyx bicolor* DC.
[South Africa] Cape, Camiesberge. Drège s. n. Isotype.
- Leontopodium haastioides* Hand.-Mazz.
Sikkim, reg. alp., 16000-18000 ft. Hooker. Type.
- Leontopodium japonicum* Miq. var. *microcephalum* Hand.-Mazz.
China, Shansi austr., Yüan-chü distr., Ssü-chiao-ho, ca 1000 m. Smith
6194, 9.IX.1924. Cotype.

Leontopodium niveum Hand-Mazz.

China, Sikang, Kangting (Tachienlu) distr., Vaszeko, montes bor.-orient., 1800 m. Smith 13397, 13.XI.1934. Cotype.

Leontopodium rosmarinoides Hand.-Mazz.

China, Sikang, Kangting (Tachienlu) distr., mont. orient. prope urbem, 2600 m. Smith 13034, 4.XI.1934. Cotype.

Leontopodium stoloniferum Hand.-Mazz.

China, Sikang, Taofu (Dawo) distr., Taofu, west side of river, 2900 m. Smith 12191, 17.IX.1934. Cotype.

Lepidolopha krascheninnikovii Czil. ex Kovalevsk. & Safral.

Kazakhstania, Tien-Schan occid., jugum Karatau in loco Karasaj. Pjataeva 6450, 30.VII.1936. Paratype.

Leptosyne pringlei Robins. & Greenm.

Mexico, Oaxaca, Sierra de San Felipe, 7000 ft. Pringle 4871, 7.VIII.1894. Isotype.

Leria stenocephala Griseb.

Cuba. Wright 2874, 1860-1864. Type.

Lescaillea equisetiformis Griseb.

Cuba. Wright 2868, 1860-1864. Isotype.

Leucanthemum gmelinii Ledeb.

Kamtschatka. Eschscholtz s. n. Type fragment.

Leucanthemum hultenii Löve & Löve

[Russia] Lapponia murmanica, Drozdovka. Hultén s. n., 16.VII.1927. Type.

Leuceria foliosa Phil.

[Chile] Santiago. Philippi s. n. Type.

Leuceria hoffmannii Dusén

Argentina, Patagonia. Dusén 5748, 30.VI.1905. Type.

Leuceria millefolium Dusén & Skottsbo.

Argentina, Chubut. Högberg s. n., 21.I.1902. Paratype.

Leuceria multiflora Phil.

[Chile] Aconcagua. Philippi s. n. Type.

Leucopholis latifolia Benth.

Brazil, Minas Geraes, Itatiaia. Glaziou 4841. Isolectotype. - Brazil, Minas Geraes, Itatiaia. Glaziou 5903. Paratype.

Leucopholis phyllicoides Gardner

Brazil, prov. Rio de Janeiro. Gardner 5772? Isolectotype.

Leucophyta brownii Cass.

[Australia] Nov. Holl., Ile King. Coll. ignot. Syntype.

Leucophyta brownii Cass. var. *virescens* Steetz

[Western Australia] In collinulis arenosis Insulae Rottennest. Preiss 32, VIII.1839. Isolectotype.

Leucopsis harveyi Baker

Chile, Valparaiso. Harvey s. n., IV-VII.1856. Isotype.

Leucopsis psammophila Malme

Brazil, Rio Grande do Sul. Malme 362, 24.XI.1892. Type. - Brazil, Rio Grande do Sul. Malme 84b, 27.III.1902. Type.

Leucopsis psammophila Malme var. *calvescens* Malme

Brazil, Rio Grande do Sul. Malme 84, 30.X.1901. Type. - Brazil, Rio Grande do Sul. Malme 84a, 4.IV.1902. Type.

Leucoptera oppositifolia B. Nord.

South Africa, Cape, Vanrhynsdorp div., 1 km NE of Kerskloof (= 10 km NW of farm Komkans). Nordenstam & Lundgren 1738, 8.IX.1974. Holotype.

Leucoptera subcarnosa B. Nord.

South Africa, Cape, Vanrhynsdorp div., 6 km N of Holriver station. Nordenstam 796, 28.VII.1962. Holotype.

Leuzea longifolia Hoffgg. & Link

Portugal, prov. Estremadura, Torres Vedras, in ericetis humidiusculis prope Ramalhal, 130 m. Rothmaler 13819, 20.VI.1938. Neotype.

Leysera longipes Bremer

South Africa, Cape, Tulbagh div., along the path to the Sneecugat. Esterhuysen 30022, 5.I.1963. Isotype.

Liabum biattenuatum Rusby

Colombia, Santa Marta, Sierra del Libano. Smith 2013, 19.I. Isotype.

Liabum eggertii Hieron.

Ecuador, El Recreo. Eggers 15042, 1892-1897. Isotype.

Liabum lechleri Sch. Bip.

Peru, Sachapata. Lechler 2517, VIII.1854. Type.

Liabum longipes Urban

Cuba, prov. Oriente, Sierra Maestra, on the rocky edges of Arroyo Bayajá.
Ekman 14776, 8.VIII.1922. Type.

Liabum oblanceolatum Urban & Ekman

Hispaniola, Santo Domingo, Cordillera Central, prov. de la Vega, Valle
Nuevo. Ekman H 13827, 17.X.1929. Type.

Liabum ovatifolium Urban

Hispaniola, Santo Domingo, Cordillera Septentrional, prov. Espeillat.
Ekman H 12578, 21.V.1929. Type.

Liabum polycephalum Urban & Ekman

Hispaniola, civ. Haiti, Massif de la Hotte, west. group, Torbec, laterite
ridge above La-Marc-Proux. Ekman H 5346, 8.XII.1925. Type.

Liabum polymnioides R. E. Fries

Argentina, prov. Jujuy. Fries 74, 2.VI.1901. Type.

Liabum selleanum Urban

Hispaniola, Haiti, Massif de la Selle, Morne Cabaio, in pine forest on
limestone. Ekman H 1548, 20.VIII.1924. Type.

Liabum wrightii Griseb.

Cuba. Wright 288, 1860-1864. Type. - Cuba Orientali. Wright 185, 1861.
Type.

Liatis provincialis Godfrey

USA, Florida, Franklin Co., sand dunes along the Gulf of Mexico, Alligator
Point. Godfrey 58985, 4.X.1959. Isotype.

Liatis trichotoma Gardner

[Brazil] Prov. Goyaz. Gardner 3831. Type.

Lidbeckia lobata Thunb.

[South Africa] Cap. b. Spei. Thunberg s. n. Type.

Limnogenneton abyssinicum Sch. Bip.

Abyssinien [Ethiopia], in palibus districtus Memsach prope Adoam.
Schimper 1059. 18.XI.1838. Isotype.

Lipochaeta alata Sherff var. ***pulchrior*** Sherff

Hawaii, Kauai, Puehu ridge, along Kokee road. Fagerlind & Skottsberg
6635, 15.III.1948. Type.

***Lophoclinium manglesii* Endl.**

[Western Australia] Ad marginem lacus 'Matilda' distr. 'Hay'. Preiss 107, 8.XI.1840. Syntype.

***Lophopappus cuneatus* R. E. Fries**

Bolivia, Tarija. Fries 1045, 6.I.1902. Type.

***Lophopappus foliosus* Rusby**

Bolivia, Tulca Chuguiacullo. Bang 791. Syntype.

***Lorentea linearis* Andersson**

Galapagos. Andersson 142. Holotype.

***Loricaria lucida* Cuatrec.**

Peru, 10 miles NE. of Huanuco. Macbride & Featherstone 2171, 12-22.VI.1922. Isotype.

***Loricaria pauciflora* Cuatrec.**

Ecuador, Prov. Azuay, eastern Cordillera, between Oña and the río Yacuambi. Prieto P-187, 10-19.IX.1945. Isotype.

***Loricaria thuyoides* (Lam.) Sch. Bip. var. *thysoidea* Cuatrec.**

Peru, Dept. of Lima, near Antaicocha, Cerro Colorado, east of Canta. Pennell 14685, 20.VI.1925. Isotype.

***Lucilia ferruginea* Baker**

Brazil, Prov. Minas Geraes, Caldas. Regnell III 812, 25.XI.1854. Lectotype.

***Lucilia glomerata* Baker**

Brazil, Prov. Minas Geraes, Caldas. Regnell III 814, 26.XI. Type.

***Lucilia lundii* Baker**

Brazil, Prov. Minas Geraes, Caldas. Regnell III 814, 26.XI. Type.

***Lucilia squarrosa* Baker**

Brazil, Prov. Minas Geraes, Caldas. Regnell III 813, 23.X.1864. Lectotype.
- Brazil, Rio de Janeiro. Glaziou 8129. Paratype. - Brazil, Rio de Janeiro. Glaziou s. n. Paratype.

***Luina serpentinea* Cronq.**

USA, Oregon, Grant Co., along Field's Creek, 17 miles SE of Dayville, 3300 ft. Cronquist 7620, 26.VII.1953. Isotype.

Lundellianthus petenensis H. Robinson

Guatemala, Dep. of Peten, Lake Peten Itza, between San José and Chachaclun, bordering lake. Contreras 10365, 22.I.1971. Isotype. - Guatemala, Dep. of Peten, in ramonal, km. 53/54 of new Remate-Tikal Road. Contreras 8218, I.1968. Paratype.

Lychnophora affinis Gardner

[Brazil] Minas Geraes. Gardner 4832. Isotype.

Lychnophora damazio Beauv.

Brazil, Minas Geraes, Serra do Cipo. Damazio 70826, VI.1908. Isotype.

Lychnophora ericoides Mart. var. *leucopholis* Glaz.

Brazil, Goyas, Cabeceiras do Rio Gama., au Colombisto. Glaziou 21654. Isotype.

Lychnophora gardneri Sch. Bip.

[Brazil] Minas Geraes. Gardner 4829. Isotype.

Lychnophora nanuzae Semir & Leitao

Brazil, Minas Geraes, Serra do Cipo. Glaziou 19485, 26.IV.1892. Isotype. - Brazil, Minas Geraes, Diamantina, 1300 m. Brade 13533, VI.1934. Paratype.

Lychnophora ramosissima Gardner

Brazil, Minas Geraes, Diamond District. Gardner 4821. Isotype.

Lychnophora subulata Gardner

Brazil, Minas Geraes, Diamond District. Gardner 4822. Isotype.

Lycoseris oblongifolia Rusby

Colombia, Santa Marta. Smith 199 (probably Smith 661 and not 199, according to Egeröd). Isotype.

Lyrolepis diae Rech. f.

Crete, distr. Heracleion, Insula Dia, ad sinum Panagia. Rechinger 13936, 23.VI.1942. Type.

Macowania hamata Hilliard & Burt

South Africa, Natal, Underberg distr., Garden castle nature reserve. Hilliard & Burt 7816, 28.I.1975. Isotype.

Mairia corymbosa Harv.

[South Africa] Cape, bei der Mündung der Klynrivier. Zeyher 2742, VIII. Holotype.

Mairia decumbens Schltr

[South Africa] Terra Capensis, reg. occidentalis, Bains Kloof, 4000 ft.
Schlechter 9098, 11.XI.1896. Isotype.

Mairia foliolosa Harv.

[South Africa] Cape, Hottentottshollandberg. Zeyher 2752. Holotype.

Mairia hirsuta DC.

[South Africa] Cape, Zwellendam, am Berge bei Puspasvalei,
Vormansbosch, Duivelsbosch und am Fluss Keureboomrivier. Ecklon &
Zeyher 3671 (70.10), X. Isotype.

Mairia lasiocarpa DC.

Cape, Caledon, Zwarteberg und Umgegend des Bades, 1000-2000 ft.
Ecklon & Zeyher 51.8, VIII. Holotype.

Mandonia boliviensis Wedd.

Bolivia, Larecaja, Sorata. Mandon 289, II-V.1860. Isotype.

Marasmodes adenosolen Harv.

[South Africa, Cape] Caledon, Genadendal. Ecklon & Zeyher 81.
Holotype.

Marasmodes polycephalus DC.

[South Africa] Cape, Stellenbosch, Hottentottsholland, unter 1000 ft.
Ecklon & Zeyher 61.5, V. Type.

Matricaria prostrata Sw.

Loco ignoto. Coll. ignot. Type.

Matricaria tenella DC.

[South Africa] Cape, Langevalei, an und in der Valei, unter 1000 ft. Drège
s. n., VII. Isotype.

Mattfeldia triplinervis Urban

Hispaniola, Haiti, Massif de la Hotte, western group, Torbec, top of Morne
Formon. Ekman H 7492, 1.I.1927. Holotype.

Melampodium bibracteatum Watson

Mexico, State of Mexico, fields, Del Rio. Pringle 3230, 30.VIII.1890.
Isotype.

Melampodium humile Sw.

Jamaica. Swartz s. n. Type.

***Melampodium ruderale* Sw.**

[West Indies] Ind. occ. Swartz s. n. Type.

***Melanthera angustifolia* Rich. var. *subhastata* O. E. Schulz**

Cuba, prov. Isla de Cinos. Ekman 12359, 25.XI.1920. Type.

***Melanthera deltoidea* Michx.**

Jamaica. Swartz s. n. Type.

***Metalasia acuta* Karis**

[South Africa] Cape Prov., Caledon distr., along road to top of Jonaskop, 1 km NW farm Keerverder. Karis 141, 9.II.1981. Holotype.

***Metalasia aristata* DC. var. *candicans* DC.**

[South Africa] Cape, Zwellendam, am Ufer des Rivierzondereinde, bei Appelskraal, Eckstein etc. Ecklon & Zeyher 90.9, IX. Isotype.

***Metalasia aristata* DC. var. *myriocephala* DC.**

[South Africa] Cape, Caledon, Kleinriviersberg. Ecklon & Zeyher 58.8, VIII. Isotype.

***Metalasia aurea* D. Don var. *confertissima* DC.**

[South Africa] Cape, Uitenhaag, auf Hügelplätzen bei Bethelsdorp. Ecklon & Zeyher 37.7, VII. Isolectotype.

***Metalasia concinna* Harv.**

[South Africa] Cape, Worcester, beim Waterfall. Ecklon & Zeyher 1.11, XI. Isolectotype.

***Metalasia cymbifolia* Harv.**

[South Africa] Cape, Caledon, zwischen Babylonschetoom und Caledon. Ecklon & Zeyher 52.8, VIII. Isolectotype.

***Metalasia divergens* (Thunb.) D. Don ssp. *fusca* Karis**

[South Africa] Cape prov. Cape peninsula, Kalk Bay mountain plateau above Boyes Drive. Goldblatt 3118, 19.X.1974. Holotype.

***Metalasia divergens* (Thunb.) D. Don var. *nudiuscula* DC.**

[South Africa] Cape, Caledon, Kleinriviersberg. Ecklon & Zeyher 58.8, VIII. Isolectotype.

***Metalasia divergens* (Thunb.) D. Don var. *purpurascens* DC.**

[South Africa] Cape, Stellenbosch, Berge bei Grietjesgat, zwischen Lowryspas und Palmietrivier. Ecklon & Zeyher 468, VI. Isolectotype.

Metalasia eckloniana DC.

[South Africa] Cape. Ecklon & Zeyher s. n. Isotype.

Metalasia erubescens DC.

[South Africa] Cape, Stellenbosch bei Grietjesgat zwischen Lowryspas und Palmietrivier. Ecklon & Zeyher 56.7, VII. Isolectotype.

Metalasia erubescens DC. var. *gemmulifera* Harv. (see *Metalasia intermedia*).*Metalasia erubescens* DC. var. *rigidula* DC.

[South Africa] Cape. Ecklon & Zeyher 52.8, VIII. Isotype.

Metalasia humilis Karis

[South Africa] Cape prov., Caledon div., Houw Hoek Peak, summit 2900 ft. Nordenstam & Lundgren 2196, 10.XI.1974. Holotype.

Metalasia intermedia DC. (*Metalasia erubescens* var. *gemmulifera* Harv.)

[South Africa] Cape, Caledon, zwischen Babylonschetoorn und Caledon. Ecklon & Zeyher 52.8, VIII. Isolectotype.

Metalasia inversa Karis

[South Africa] Cape prov., Caledon div., 1 km W Hermanus, 100 m. Karis 29, 29.X.1980. Holotype.

Metalasia lanceolata DC. var. *lucida* DC.

[South Africa] Cape, Albany, Zwartehoodge, auf der Zuureberg Kette, Weg nach Grahamstown. Ecklon & Zeyher 50.6, VI. Isotype.

Metalasia lanceolata DC. var. *tomentosa* DC.

[South Africa, Cape Prov.] Zwellendam und Georg. Ecklon & Zeyher 91., leg. Mundt. Isolectotype.

Metalasia luteola Karis

[South Africa] Cape prov., Riversdale div., limestone hills above the bridge at Stillbaystrand. Nordenstam 400, 14.VI.1962. Holotype.

Metalasia montana Karis

[South Africa] Cape prov., 3319 BB Worcester, Paarl div., Wemmershoek Peak, near summit, 1700 m. Bremer 633, 5.XI.1972. Holotype.

Metalasia muricata (L.) D. Don var. *conferta* DC.

[South Africa] Cape, Stellenbosch, berge bei Grietjesgat, zwischen Lowryspas und Palmietrivier. Ecklon & Zeyher 56.6, VI. Isotype.

***Metalasia muricata* (L.) D. Don var. *exilis* DC.**

[South Africa] Cape, Caledon, Kleinriviersberg. Ecklon & Zeyher 58.8, VIII. Isotype.

***Metalasia muricata* (L.) D. Don var. *fastigiata* DC.**

[South Africa] Cape. Sieber 17. Isolectotype.

***Metalasia muricata* (L.) D. Don var. *obtusiuscula* Harv.**

[South Africa] Cape, Grootte Houwhoek. Zeyher 2899, VII. Lectotype.

***Metalasia nitidula* Harv.**

[South Africa] Cape, Babylonschetoomberg. Zeyher 2901, VIII. Isolectotype.

***Metalasia plicata* Karis**

[South Africa] Terra Capensis, Houw Hoek. Schlechter 7768, 30.IV.1896. Holotype.

***Metalasia pulcherrima* Less. var. *lutescens* Harv.**

[South Africa] Cape, Uitenhaag, am Vanstaadesberg, 1000-3000 ft. Ecklon & Zeyher 4.7, VII. Lectotype.

***Metalasia pulcherrima* Less. var. *pallescens* Harv.**

[South Africa] Cape, Langekloof, vor Keureboomsrivier, in der Nähe von Grootfontein. Drège s. n., I. Lectotype.

***Metalasia quinqueflora* DC.**

[South Africa] Cape, Stellenbosch, Berge bei Grietjesgat, zwischen Lowryspas und Palmietrivier. Ecklon & Zeyher 56.6, VI. Isolectotype.

***Metalasia schlechteri* L. Bolus**

[South Africa] Reg. occident., Bainskloof, 1000 ft. Schlechter 10243, 4.II.1897. Isotype.

***Metalasia seriphifolia* DC.**

[South Africa] Cape, Caledon, Kleinriviersberg. Ecklon & Zeyher 58.8, VIII. Isotype.

***Metalasia serrata* Karis**

South Africa, 3419 BC, Salmonsdam Nature Reserve, between Caledon and Bredasdorp. Källersjö 6, 25.IX.1985. Holotype.

***Metalasia tenuifolia* DC.**

[South Africa] Cape, Caledon, Bergrücken zwischen Babylonschetoom und Caledon. Ecklon & Zeyher 52.8, VIII. Isolectotype.

Metalasia tenuis Karis

South Africa, Caledon div., Perdekop, slopes at the top of Koringlandkloof, 2 km NW of Genadendal. Karis 118, 18.XII.1980. Holotype.

Metalasia trivialis Karis

South Africa, Cape prov., Humansdorp div., 16 km W of Humansdorp. Nordenstam & Lundgren 2355, 20.X.1974. Holotype.

Meyera hispida DC.

Brazil, Mogy. Lund s. n. Isotype.

Mikania acuminata DC.

Brazil. Martius 787. Type.

Mikania amara Willd.

Surinam. Hostmann & Kappler 602. Type.

Mikania antioquiensis Hieron. var. *subcuneata* Robins.

Peru, Dep. Loreto, Distrito de Iquitos, Iquitos, trail to San Juan, sandy soil, alt. 105 m. Mexia 6492, 7.II.1932. Type.

Mikania arthroclada Robins.

Peru, Cuzco. Weberbauer 6972, 1909-1914. Isotype.

Mikania aschersonii Hieron.

Colombia, Popayan, 1300-2000 m. Lehmann 5949. Isotype.

Mikania buddleiaefolia DC.

Brazil, Prov. Minas Geraes. Gardner 4877. Type.

Mikania campanulata Gardner

Brazil, Minas Geraes. Gardner 4888. Type.

Mikania camporum Robins.

Brazil, Sao Paulo, Campos do Jordao. E. W. D. & Holway 1766, 24.IV.1922. Isotype.

Mikania candolleana Gardner

Brazil, Minas Geraes. Gardner 4878. Type.

Mikania capricorni Robins.

Brazil, S. José dos Campos. Löfgren 258. Type.

Mikania clematidiflora Rusby

Colombia, Santa Marta, in thickets near stream, Las Nubes, 1373 m. Smith 634. Isotype.

Mikania clematidifolia Dusén

Brazil, Paraná, Serra do Mar, Monte Alegre, in fruticetis, c. 1200 m. Dusén 3467, 8.II.1904. Holotype.

Mikania cochabambana Robins.

Bolivia, Waldrand, Quebrada de Corani, Prov. Chapare, Depart. Cochabamba, 1800 m. Steinbach 9878, 22.VI.1929. Type.

Mikania comarapensis Robins.

Bolivia, Yungas de San Mateo Comarapa, Depart. Santa Cruz, 2800 m. Steinbach 8545, 25.X.1928. Type.

Mikania conglomerata W. Holmes & McDaniel

Peru, Dpto. Huánuco, Prov. Pachitea, Dtto. Honoria. Schunke 2249, 24.X.1967. Isotype.

Mikania corydalifolia Griseb.

Cuba. Wright 2813, 1860-1864. Type.

Mikania crassifolia Hieron.

Peru, Tambillo. Jelski 696, 30.X.1878. Isotype.

Mikania crispiflora Wright

Cuba. Wright 2816, 1860-1864. Isotype.

Mikania cuneata Sch. Bip.

Peru, in virgultio prope San Govan. Lechler 2477, VIII.1854. Type.

Mikania cyanosma Urban & Ekman

Hispaniola, Haiti, Massif de la Hotte, western group, Les Roseaux, Morne La Hotte. Ekman H 10643, 13.IX.1928. Holotype.

Mikania decumbens Malme

Brazil, Prov. Minas Geraes, Caldas. Regnell III 716, 23.II.1845. Type.

Mikania desmocephala Robins. var. *peruviana* Robins.

Peru, Hacienda Schunke, La Merced, 4000 ft. Macbride 5776, 27.VIII-1.IX.1923. Type.

Mikania dissecta Urban & Ekman

Hispaniola, Haiti, Massif de la Hotte, western group, Torbec, southern slope of Morne Formon. Ekman H 7462, 30.XII.1926. Holotype.

Mikania divaricata Ekman

Cuba, prov. Pinar del Rio, Sierra de los Organos, grupo del Rosario, Loma Pelada. Ekman 17617, 12.X.1923. Type.

Mikania dusenii Robins.

Brazil, Paraná, Castro, locis subpaludosis graminosis. Dusén 18040, 29.III.1916. Isotype.

Mikania eupatorioides Blake

Costa Rica, Vicinity of El General, Prov. San José, alt. 1525 m. Skutch 3041, XII.1936. Type.

Mikania flabellata Rusby

Colombia, Santa Marta, Sierra del Libano, alt. 1830 m. Smith 2002. Isotype.

Mikania fragilis Urban var. *leptodon* Urban

Puerto Rico, Sierra de Neuguabo. Sintenis 5359, 5.VI.1886. Type.

Mikania glandulifera W. Holmes & McDaniel

Peru, Dpto. Huanuco, Prov. Pachitea, Dpto. Honoría. Schunke 1487, 6.I.1967. Isotype.

Mikania glaziovii Baker

Brazil, Rio de Janeiro. Glaziou 4850. Type.

Mikania gracilis Sch. Bip.

Surinam. Hostmann & Kappler 1017, 1842. Type.

Mikania gracillima Dusén ex Malme

Brazil, Paraná, Calmon, in silva primaeva. Dusén 9310, 13.III.1910. Type.

Mikania hastato-cordata Malme

Brazil, Rio Grande do Sul. Malme 227, 5.XI.1901. Type.

Mikania hoffmanniana Dusén

Brazil, Paraná, Roça Nova ad marginem silvae primaevae. Dusén 8752, 25.IX.1909. Isotype. -Brazil, Paraná, Carvalho, in montibus, 1250 m. Dusén 13311, 6.XI.1911. Paratype. - Brazil, Paraná, Jaguarahyva in silvula. Dusén 15588, 9.X.1914. Paratype.

Mikania hotteana Urban & Ekman

Hispaniola, Haiti, Massif de la Hotte, western group, Torbec, Formon, forest on limestone 1000 m. Ekman H 7579, 4.I.1927. Type.

Mikania houstoniana Robins. var. *santandrensis* Robins.

Colombia, Dept. Santander, wooded banks of Rio de la Baja, below La Baja, alt. 2200-2300 m. Killip & Smith 18290, 26.I.1927. Type.

Mikania klugii Robins.

Peru, Dept. Loreto, Florida, Rio Putumayo, at mouth of Rio Zubineta, alt. about 180 m, forest. Klug 2135, V-VII.1931. Type.

Mikania lasiopoda Robins.

Peru, Hacienda Schunke, La Merced. Macbride 5567, 27.VIII-1.IX.1923. Type.

Mikania lawrancei Robins.

Colombia, Boyaca, Alto Chapon. Lawrance 413, 9.VIII.1932. Isotype.

Mikania laxa DC. ssp. *euryantha* Malme

Paraguay, Asuncion. Malme 882, 20.VIII.1893. Type.

Mikania lindbergii Baker

Brazil, Minas Geraes, Caldas. Lindberg 48, VII.1854. Type.

Mikania longiacuminata Rusby

Bolivia, Mapiri. Bang 1504, VII-VIII.1892. Isotype.

Mikania longipes Baker

Brazil, Prov. Minas Geraes, Caldas. Widgren 144, 1845. Isotype.

Mikania macbridei Robins.

Peru, Hacienda Schunke, La Merced. Macbride 5728, 27.VIII-1.IX.1923. Type.

Mikania miconioides Robins.

Colombia, Santa Marta, 4500 ft. Smith 631, 1898-1901. Isotype.

Mikania montana Robins.

Peru, Dept. of Cusco, 'Pillahuata', Cerro de Cusilluyoc, forested cliff above Rio Pillahuata. Pennell 14002, 3-6.V.1925. Type.

Mikania mosenii Malme

Brazil, Prov. Minas Geraes, Caldas. Mosén 4204, 25.I.1876. Type.

Mikania nodulosa Sch. Bip.

Brazil, Prov. Minarum. Regnell III 721, VIII.1854. Type.

Mikania oblongifolia DC.

[Brazil] Minas Geraes, Sao Paulo. Gardner 4965. Type.

Mikania obovata DC.

Brazil, Bahia. Glocker 6, 1842. Type.

Mikania odoratissima Urban

Puerto Rico. Stahl 328, XI.1885. Type. - Puerto Rico. Urban 394, XI.1884. Type.

Mikania paranensis Dusén

Brazil, Paraná, Capao Grande, Villa Valha. Dusén 4088, 10.III.1904. Syntype. - Brazil, Paraná, Curityba. Dusén 8285, 24.III.1909. Syntype.

Mikania parvifolia Baker

Brazil, Minas Geraes. Raben 639. Isotype.

Mikania phaeoclados Mart. var. ***macrophylla*** Robins.

Brazil, Serra da Gramma, alt. 930 m. Chase 9619, 19-25.IV.1925. Type.

Mikania platyloba Urban & Ekman

Hispaniola, Santo Domingo, Cordillera Septentrional, prov. Duarte. Ekman H 12272, 25.IV.1929. Type.

Mikania porosa Urban

Puerto Rico, prope Larei. Urban 6000, 21.I.1887. Lectotype.

Mikania producta Urban & Ekman

Hispaniola, Santo Domingo, Sierra de Ocoa, prov. de Azua, San José de Ocoa, Bejucal. Ekman H 11986, 21.III.1929. Holotype. - Hispaniola, Santo Domingo, Sierra de Ocoa, prov. de Azua, San José de Ocoa, Bejucal. Ekman H 11727, 1.III.1929. Paratype.

Mikania pseudohoffmanniana G. M. Barroso ex W. Holmes

Brazil, Paraná, Carvalho ad marginem silvae primaevae. Dusén 12189, 12.IX.1911. Holotype.

Mikania ramosissima Gardner

Brazil, Minas Geraes in Serra de Mendanha. Gardner 4883. Type.

Mikania reticulata Gardner

Brazil, Minas Geraes. Gardner 4867. Type.

Mikania rhomboidea Urban & Ekman

Hispaniola, Haiti, Massif de la Hotte, western group, Torbec, in forest on hard limestone, c. 1000 m. Ekman H 7420, 26.XII.1926. Holotype.

Mikania salicifolia Hassler

Paraguay, Santo Tomas. Hassler 11291. Isotype.

Mikania santamensis Badillo

Venezuela. Pittier 14626. Isotype.

Mikania schultzii Robins.

Bolivia, Larecaja, Soreto. Mandon 265, V.1860. Isotype.

Mikania simpsonii W. Holmes & McDaniel

Peru, Dpto. Loreto, Prov. Maynas, Dtto. Alto Nanay, along tray near Santa Maria de Nanay. Simpson 781, 4.III.1968. Isotype.

Mikania skutchii Blake

Costa Rica, vicinity of El General, Prov. San José, alt. 1130 m. Skutch 2514, I.1936. Type.

Mikania smaragdina Dusén

Brazil, Paraná, Monte Alegre, in fruticetis, c. 1000 m. Dusén 8193, 4.VI.1909. Syntype. - Brazil, Paraná, Roça Nova. Dusén 10109a, 15.III.1909. Syntype.

Mikania stereodes Robins.

Peru, Hacienda on Rio Chinchao, Villcabamba. Macbride 5163, 17-26.VII.1923. Type.

Mikania strigosa Gardner

[Brazil] Rio de Janeiro. Gardner 485. Type.

Mikania stygia Robins.

Bolivia, Region of Mapiiri, San Carlos. Buchtien 1874, 12.V.1927. Type.

Mikania subcordata Gardner

[Brazil] sine loco. Gardner s. n. Type.

Mikania sublaxa Malme

Brazil, Paraná, Capao Grande in silvula. Dusén 8016, 25.IV.1909. Syntype. - Brazil, Paraná, Tarma p.23, prope Desvio Ribas in fruticetis. Dusén 8047, 14.IV.1909. Syntype.

Mikania summinima W. Holmes

Argentina, Misiones, San Ignacio, Puerto Nuevo. Schwarz 2208, 12.III.1946. Holotype.

Mikania swartziana Griseb.

Jamaica. Swartz s. n. Lectotype.

Mikania tambillensis Hieron.

Peru, Tambillo. Jelski 762, 29.VIII.1878. Isotype.

Mikania tenax Sch. Bip.

Peru, San Govan. Lechler 2355, 1854. Isotype.

Mikania tenella W. Holmes

Jamaica. Swartz s. n. Holotype.

Mikania trichophila DC.

Brazil, Bahia. Coll. ignot. Type.

Mikania trifolia Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 266, 1858. Type.

Mikania turbaricola W. Holmes & McDaniel

Peru, Prov. Chachapoyas, Jalca zone 3-6 km west of Molinopampa, elev. 2200-2450 m. Wurdack 1399, 19.VII.1962. Isotype.

Mikania variifolia Hieron.

Uruguay, Concepcion. Lorentz s. n., VI.1877. Type.

Mikania verticillata Sch. Bip.

Brasilia. Sello 3577. Type.

Mikania werdermannii Robins.

Bolivia, Dept. El Beni, Rio Chaparé-Mamoré. Werdermann 2235, VII.1926. Type.

Mikania widgrenii Robins.

Brazil, Minas Geraes. Widgren s. n., 1845. Cotype.

Millotia eichleri P. S. Short

Western Australia, Karolin Rock, 20 km west of Bullfinch. Short 3803, 16.IX.1990. Isotype.

Millotia glabra Steetz

[Western Australia] In seco arenoso prope lacum amplum Insulae Rottnest. Preiss 100, 22.VII.1839. Isolectotype.

Millotia robusta Steetz

[Western Australia] In districtus Plantagenet. Preiss 67, X.1840. Isolectotype.

Mirasolia diversifolia Hemsl.

Mexico, region d'Orizaba. Bourgeau 2319, 12.V.1866. Isolectotype.

Montanoa macrolepis Robins. & Greenm.

Mexico, Oaxaca, Las Sedas, 6000 ft. Pringle 4932, 29.IX.1894. Isotype.

Montanoa rosei Rose ex Robins. & Greenm.

Mexico, Alamos. Palmer 394, 26.III-8.IV.1890. Isotype.

Montanoa serrata Rusby

Colombia, Santa Marta, near the coast at Playa Brava. Smith 516, 1.IV.
Isotype.

Montanoa tehuacana Robins.

Mexico, Puebla, near Tehuacan, 5500 ft. Pringle 8585, 7.VIII.1901.
Isotype.

Montanoa tomentosa Cerv. var. *ternifolia* DC.

[Mexico] Chapoltepec. Coll. ignot. 15.VII.1827. Isotype.

Moonia arnottiana Wight

India orientalis. Wight 1610. Isotype.

Moquinia argentina Cabrera

Argentina, Chaco. Schulz 969, 1935. Cotype.

Moquinia argyrea Dusén

Brazil, Paraná, Villa Velha. Dusén 9115, 25.I.1910. Type. - Brazil, Paraná,
Villa Velha. Dusén s. n., 21.X.1914. Type.

Moquinia gardneri Baker

[Brazil] Minas Geraes, Diamond District. Gardner 4805. Type.

Moquinia mollissima Malme

Brazil, Rio Grande do Sul, Pinhal pr. Sta. Maria. Malme 1261, 27.I.1902.
Type.

Moquinia orbiculata Malme

Brazil, Paraná, Villa Velha. Dusén 9437, 24.II.1910. Type.

Moquinia velutina Bong. var. *cordata* Chod.

Paraguay, ad marginem silvae pr. Concéption. Hassler 7173. Isotype.

Morysia acerosa DC.

[South Africa] Cape, zwischen Omsamculo und Omcomas, in feuchten
Niederungen und sumpfigem Thal, unter 500 ft. Drège s. n. III-IV. Isotype.

Morysia microcephala DC. (see *Athanasia linifolia* Harv.).***Munnozia asplundii*** H. Robinson

Ecuador, prov. Pichincha, NW slope of Mt. Corazón. Asplund 17087,
27.VII.1955. Holotype.

Munnozia campii H. Robinson

Ecuador, prov. Santiago-Zamora, near junction of ríos Pailas and Negro.
Camp E-4934, 20-24.VIII.1945. Isotype.

Mutisia anomala Lillo

[Argentina] Tucumán. Venturi 4133, 23.VIII.1926. Type.

Mutisia bipontini Mandon

Bolivia, Larecaja, Sorata. Mandon 6, 7.IV.1858. Type.

Mutisia dealbata DC. var. *guarantica* Chodat

Paraguay, Tobaty. Hassler 6084, IX. Isotype.

Mutisia flagellaria Koster

Bolivia, windend un rankend im Gebüsch des Araca-Thalgehänges. Herzog 2362, X.1911. Type.

Mutisia glabrata Cuatrec.

Colombia, Dep. Caldas, Laguneta, Salento. von Sneidern 3241, 15.IV.1942. Isotype.

Mutisia glauca Phil.

[Chile] Coquimbo. Philippi s. n. Isotype.

Mutisia gracilis Meyen

Chile, Valparaiso. Bertero 440 & 1124. Type.

Mutisia grossedentata Phil.

[Chile] Coquimbo. Philippi s. n. Type.

Mutisia kurtzii R. E. Fries

Argentina, Jujuy. Claren 11732, 21.II.1901. Type.

Mutisia lechleri Sch. Bip.

Chile, Osorno. Philippi 9, II-III.1852. Type. - Chile, Valdivia. Lechler 377, XI. Type.

Mutisia madoniana Wedd.

Bolivia, Larecaja, Sorata. Mandon 8, 10.VII.1857. Type.

Mutisia ochroleuca Cuatrec.

Colombia, 'Tambo', NW. shoulder of Volcan de Chiles at 3100 m., dep. Narino. Ewan 16089, 6-8.IX.1944. Isotype.

Mutisia philippii R. E. Fries

Argentina, prov. Salta, El Toro. von Hofsten 824, 17.XI.1901. Type.

Mutisia reticulata Phil.

[Chile] Coquimbo. Philippi s. n. Type.

Mutisia spectabilis Phil.

[Chile] Aconcagua. Philippi s. n. Isotype.

Mutisia vicia Koster

Bolivia, im Gebüsch sonniger Abhänge bei Comarapa. Herzog 1974, IV.1911. Type.

Mutisia weberbaueri Muschler

Peru. Weberbauer 5490, 1909-1914. Type.

Nacrea lanata A. Nels. (*Anaphalis lanata* A. Nels.)

USA, Wyoming, Little Goose Creek. Nelson 2391, 18.VII.1896. Type fragment and photograph.

Nardosmia sahlbergii Scheutz

Jenisej, Dudinka. Sahlberg s. n., 31.VII.1876. Type.

Narvalina corazonansis Hieron.

Loco ignoto. Coll. ignot. (From Berlin). Probably a fragment of the type.

Narvalina sodiroi Hieron.

Loco ignoto. Coll. ignot. (From Berlin). Probably a fragment of the type.

Nassauvia dentata Griseb.

Chile, in Cordillera. Philippi 125. Type.

Nassauvia dusenii O. Hoffm.

[Argentina] Patagonia. Dusén 584, 13.II.1897. Type.

Nassauvia glauca Skottsb.

[Argentina] Santa Cruz. Dusén 5887. Type.

Nassauvia juniperina Skottsb.

[Argentina] Patagonia, Chubut. Skottsberg 538, 13.XI.1908. Type.

Nassauvia latissima Skottsb.

[Argentina] Isla de los Estados, Puerto Cook. Skottsberg s. n., 18.XI.1903. Type.

Nassauvia lycopodioides Phil.

[Chile] Baños de Chillan. Philippi s. n., 28.II.1862. Type.

Nassauvia scleranthoides O. Hoffm.

[Argentina] Argentina, Puerto Madryn. Dusén 5351, 13.XII.1904. Type.

Nassauvia spinosa Don

[Chile] Santiago. Philippi s. n. Type.

Neopringlea viscosa Rose

Mexico, Puebla, near Tehuacan, 5000 ft. Pringle 6687, 27.VIII.1897. Type.

Neothymopsis polyantha Urban

Cuba, prov. Santa Clara, Motembo. Ekman 16821, 27.VI.1923. Type.

Nestlera relhanioides Schltr

[South Africa] Terra Cap., Koude Bockeveld, 3500 ft. Schlechter 8849, 5.IX.1896. Isotype.

Nidorella arborea R. E. Fries

Kenya occid., regio bambusina superior ad marginem bambusina pr. rivulum, c. 2800 m. Fries & Fries 1332, 1.II.1922. Isotype.

Nidorella conyzoides Harv.

[South Africa] Cape, Delgoa Bay. Owen s. n. Holotype.

Nidorella nordenstamii Wild

[Namibia] South West Africa, Omaruru distr., Orabeswand, W end, in watercourse, 2000 m. Nordenstam 3663, 4.IV.1964. Isotype.

Noticastrum album Phil.

[Chile] Valdiana. Philippi s. n. Isotype.

Noticastrum philippii Sch. Bip.

Chile, Valdivia. Philippi 338, 1853. Type.

Oligactis asplundii H. Robinson

Ecuador, prov. Pichincha, Los Dos Rios on road between Chiriboga and Santo Domingo de los Colorados. Asplund 16752, 2.VII.1955. Holotype.

Oliganthes tsimihetorum Humbert

Madagascar, Vallée de la Lokoho (nord-est), Mt Ambatosoratra au N d'Ambalavoniho et de Belaoka. Humbert & Cours 22910, 4-8.I.1949. Syntype. - Madagascar, Vallée de la Lokoho (nord-est), Mt Beondroka au nord de Maroambihy, 1000-1450 m. Humbert 23472, 17-22.III.1949. Syntype.

Oligodora dentata DC.

[South Africa] Cape, zwischen Ezelsbank und Dwarsrivier, 3000-4000 ft. Drège s. n., XII. Isotype.

Onopordon murbeckii H. Lindb.

Morocco occid., prope opp. Rabat, Kenitra in campo juxta stationem via ferrae. Lindberg 1732, 20.VI.1926. Type.

Onoseris amplexicaulis Ferreyra

Peru, Matucana. Macbride & Featherstone 310, 3.V-12.IV.1922. Isotype.

Onoseris brasiliensis Cabrera

Brazil, Serra da Petroliva, (mun. Rondonopolis) Mato Grosso. Hatschbach 34719, 23.VII.1974. Isotype.

Onoseris fraterna Blake

Bolivia, Dep. of La Paz, Prov. S. Yungas, basin of Rio Bopi, San Bartolome (near Calisaya). Krukoff 10266, 1-22.VII.1939. Isotype.

Onoseris onoseroides H.B.K.

Colombia, Santa Marta. Smith 676. Isotype.

Onoseris warseewiczii Hieron.

Ecuador, Prov. Loja, above Puente León. Asplund 18014, 6.X.1955. Neotype.

Ophryosporus angustifolius Robins.

Bolivia, Cerro La Negra, Depart. Santa Cruz. Steinbach 8187, 9.X.1928. Type.

Ophryosporus johnstonii Robins.

Chile, Prov. Antofagasta, Dept. Taltal, Aguada del Panul. Johnston 5424, 4.XII.1925. Type.

Ophryosporus macrodon Griseb.

Argentina, Prov. de Salta, Los Potreros del Nevado del Caetillo. Lorentz & Hieronymus 156, 24.III.1843. Type.

Ophryosporus regnellii Baker

Brazil, Prov. Minas Geraes, Caldas. Regnell I 237, VIII.1862. Type.

Osmites pinnatifida DC.

[South Africa] Cape, Dutoitskloof, 2000-3000 ft. Drège s. n., I. Isotype.

Osmitopsis glabra Bremer

South Africa, 3419 Caledon div., between Heuningklip and Highland forest reserve. Bremer 640, 7.I.1973. Holotype.

Osmitopsis nana Schltr

[South Africa] Reg. occid., Genadendal. Schlechter 9854, 28.XII.1896. Isotype.

- Osmitopsis pinnatifida* (DC.) Bremer ssp. *serrata* Bremer
South Africa, 3319 Worcester, Paarl div. Wemmershoek Peak. Bremer 634,
5.I.1973. Holotype.
- Osmitopsis tenuis* Bremer
South Africa, Cape, Worcester div., Slanghoek Needle. Esterhuysen 17793,
19.XI.1950. Isotype.
- Osteospermum attenuatum* Hilliard & Burt
South Africa, Natal, Underberg distr., 2929 CB, upper tributaries S. of
Mkomazi River, 7500 ft. Hilliard & Burt 15726, 1.XII.1982. Isotype.
- Osteospermum breviradiatum* T. Norl.
[South Africa, Cape Prov, Clanwilliam Div.] Clanwilliam, 150 m.
Schlechter 8415, 5.VIII.1896. Isotype.
- Osteospermum caulescens* Harv.
South Africa, O.F.S., Rhinosterrivier. Zeyher 1009, I. Lectotype.
- Osteospermum hafstroemii* T. Norl.
South Africa, Cape Prov., Bredasdorp Div., near the sea below the light-
house of Cape Agulhas. Hafström & Acock 2280, 6.XII.1938. Holotype.
- Osteospermum hispidum* Harv.
Herb. Sonder. Holotype.
- Osteospermum microphyllum* DC.
[South Africa, Cape Prov.] Graafreynet, in den Karroogegend und
Umgebung von Graafreynet, 2000-3000 ft. Ecklon & Zeyher 651. [88.]
Isolectotype.
- Osteospermum nyikense* T. Norl.
Malawi, Chitipa Distr., Kawozya Hill, 2140 m. Brummitt & Syngé
WC211. 11.VIII.1972. Isotype.
- Osteospermum pinnatum* (Thunb.) T. Norl. var. *breve* T. Norl.
Namibia, Lüderitz-Süd distr., farm Witpüts-Süd. Merxmüller & Giess
3199, 27.VIII.1963. Isotype.
- Osteospermum scariosum* DC.
[South Africa, Cape Prov., Graaff Reinet Div.] in den Karroogegenden und
Umgebung von Graafreynet, 2000-3000 ft. Ecklon & Zeyher [641]. [88.]
Isolectotype.

Osteospermum wallianum T. Norl.

South Africa, Cape, Stellenbosch div., at Gordons Bay. Wall s. n., 1.XII.1938. Holotype.

Othonna brandbergensis B. Nord.

South West Africa, Omaruru distr., Brandberg between upper Tsisab and Königstein, 1850 m. Nordenstam 2780, 29.V.1963. Isotype.

Othonna burtii B. Nord.

South Africa, Natal, Underberg, upper Umzimouti Valley, c. 2000 m. Hilliard & Burt 9389. 27.XI.1976. Holotype.

Othonna cacalioides L. f.

[South Africa] Cap. b. Spei. Thunberg s. n. Type.

Othonna hallii B. Nord.

South Africa, Cape, Vanrhynsdorp div., 4 miles N. of Holriver bridge near Moedverloor. Nordenstam 795, 28.VII.1962. Isotype.

Othonna hederifolia B. Nord.

South Africa, Cape, Vanrhynsdorp div., top of Van Rhyn's Pass, S. of the road. Nordenstam 679, 19.VII.1962. Holotype.

Othonna rechingeri B. Nord.

South Africa, Cape, Calvinia div., Klip Koppies, 2 miles E of Nieuwoudtville. Nordenstam 765, 27.VII.1962. Holotype.

Oyedaea bullata Koster

Bolivia, im Gebusch im Incaconal. Herzog 2244, VI.1911. Type.

Oyedaea lundellii H. Robinson

Guatemala, dept. of Peten, La Cumbre, Cerro la Cueva, about 3 km. east, in zapotal of hill. Lundell & Contreras 20642, 22.III.1977. Isotype.

Ozothamnus lepidophyllus Steetz

[Western Australia] In confragosis interioris sinus [regis Georgii III. Preiss 28, X.1840. Type.

Pachysurus angianthoides Steetz

[Western Australia] In arenosis subumbrosis ad radium montis Eliza. Preiss 44, X.1839. Isolectotype.

Pamphalea suaveolens Ekman

[Argentina] Misiones, Posadas. Ekman 1006, 14.XI.1907. Type.

Pappobolus sanchezii Panero

Peru, Cajamarca, km 154.8 of the road Pacasmayo-Cajamarca, then 1 km by foot along a narrow trail. Panero 1195, 9.III.1988. Isotype.

Parthenium lozanium Bartlett

Mexico, Nuevo Leon, Monterrey, Sierra Madre, Hacienda El Carrizo. Lozano (Pringle 10247), V.1904. Type.

Parthenium schottii Greenm.

Mexico, Yucatan. Gaumer 1166. Isotype.

Pechuel-Loeschea sericea Mattf.

Bechuanaland, Macloutsi. Klingberg s. n. IX.1896. Type.

Pectis aquatica Watson

Mexico, Chihuahua, shallow ponds, base of Sierra Madre. Pringle 1642, 7.X.1888. Type.

Pectis bracteata Watson

Mexico, Coahuila, calcareous hills, Carneros Pass. Pringle 2403, 3.IX.1889. Isotype.

Pectis densa Rusby (*Pectis rosea* Rusby)

Colombia, Santa Marta, near Bonda. Smith 528, 1898-1901. Isotype.

Pectis denticellata Urban

Cuba, prov. Oriente, Bayate, on banks of Rio Canto. Ekman 3012, 3.X.1914. Isotype.

Pectis elongata Kunth var. *divaricata* Hieron.

Colombia, El Patice, Rio Paez, Tohnia. Lehmann 4769. Isotype.

Pectis gracilis Baker

Brazil, Minas Geraes, Uberava, Minarum. Regnell III 789, 29.XI.1842. Isotype.

Pectis guarantica Chodat

Paraguay, Apa. Hassler 8094, XII. Isotype.

Pectis hassleri Keil

Paraguay, Gran Chaco, Loma Clavel. Hassler 2491, XI.1903. Isotype.

Pectis havanensis Urban

Cuba, Havana, Loma de Coca. Ekman 1004, 18.V.1914. Type.

***Pectis humifusa* Sw.**

[West Indies] Guadeloupe. Forsström s. n. Type. - [West Indies] St. Barth. Forsström s. n. Type.

***Pectis juniperina* Rydb.**

Cuba, prov. Pinar del Rio, Laguna del Bufeto to Laguna Alcatraz Grande. Shafer 11013, 16.XII.1911. Isotype.

***Pectis mornicola* Urban & Ekman**

Hispaniola, Haiti, Presqu'île du Nord-Ouest, Gros. Morne, road to Chapelle Moulin. Ekman H 4972, 1.X.1925. Holotype.

***Pectis odorata* Griseb.**

Argentina, Salta. Lorentz & Hieronymus 266, II.1873. Isotype.

***Pectis pinosia* Urban**

Cuba, prov. Isla de Pinar prope Los Indios in arena albida. Ekman 12153, 8.XI.1920. Isotype.

***Pectis portoricensis* Urban**

Puerto Rico, Gayama. Sintenis 2263, 12.X.1885. Isotype.

***Pectis pratensis* C. Wright**

Cuba. Wright s. n. Isotype.

Pectis punctata* Sw. (see *Pectis swartziana*)**Pectis purpurascens* Urban & Ekman**

Hispaniola, Santo Domingo, Cordillera Central, prov. de Azua, betw. El Tefero and Rio del Medio. Ekman H 13729, 11.X.1929. Holotype.

Pectis rosea* Rusby (see *Pectis densa*)**Pectis serpyllifolia* Less.**

[West Indies] Ind. occ. Swartz s. n. Type.

***Pectis stella* Malme**

Brazil, Matto Grosso, Coxipó Mirim pr. Cuyabá. Malme 1528B, 2.IV.1894. Lectotype. - Brazil, Matto Grosso, Coxipó Mirim pr. Cuyabá. Malme 1394B, 10.II.1894. Paratype.

***Pectis subglandulosa* Urban & Ekman**

Hispaniola, Haiti, Département du Nord, Port Margot, grassy stony places at Rivière Limon. Ekman H 2774, 7.XII.1924. Holotype.

***Pectis substriata* Rusby**

Bolivia. Bang 2117. Isotype.

Pectis swartziana Less. (*Pectis punctata* Sw.)

[West Indies] Ind. occ. Swartz s. n. Type.

Pectis tenuicaulis Urban

Puerto Rico, Salina de Cabo. Sintenis 561, 18.II.1885. Syntype.

Pegoletia baccharidifolia Less.

South Africa, Somerset East distr., Farm Kabooga. Bayliss 7924, 2.XII.1976. Neotype.

Pentacalia dorrii H. Rob. & Cuatrec.

Ecuador, Prov. Loja, road to Fierro Acru, N of Pichig, 3015-3385 m. Dorr & Valdespino 6654, 15.VII.1989. Isotype.

Pentanema multicaule Boiss.

[Iran] Persia austr., ad radices m. Kuh-Daëna. Kotschy 728, 22.VII.1842. Isotype.

Pentanema prasinurum Rech. f.

Afghanistan, prov. Ghazni, distr. Malestan, inter jugum Kotal-e Ketschru et pagum Miradina. Rechinger 17586, 2.VII.1962. Type.

Pentzia cooperi Harv.

[South Africa] Cape, near W. Bergen [Witbergen]. Cooper 628. Isotype.

Pentzia dichotoma DC.

Drège s.n. Isotype.

Pentzia elegans DC.

[South Africa] Cape, Kendo an steinigen trockenen und felsigen Oerten, 3000-4000 ft. Drège s. n., VI. Isotype.

Pentzia peduncularis B. Nord.

South Africa, Cape, Vanrhynsdorp div., 4 miles N of the bridge at Holriver. Nordenstam 797, 28.VII.1962. Holotype.

Pentzia sphaerocephala DC.

[South Africa] Cape, zwischen Los-Tafelberg und Zwartkey, 4000-5000 ft. Drège s. n., XII. Type.

Pentzia tomentosa B. Nord.

[Namibia] South West Africa, Omaruru distr., Brandberg, Königstein, 2000 m. Nordenstam 2821, 31.V.1963. Isotype.

Perezia cirsifolia Wedd.

Bolivia, Larecaja, Sorata. Mandon 21, 27.IX.1860. Type.

Perezia coeruleascens Wedd.

Bolivia, Larecaja, Sorata. Mandon 20, 9.IV.1857. Type.

Perezia integrifolia Wedd.

Bolivia, Larecaja, Sorata. Mandon 18, 6.IX.1857. Type.

Perezia lozani Greenm.

Mexico, Hidalgo, between Metepec and Zontecomate Stations, 8500 ft. Pringle 8871, 19.IX.1904. Type.

Perezia mandonii Rusby

Bolivia, Larecaja, Sorata. Mandon 24, 3.III.1857. Type.

Perezia nitidifolia Koster

Bolivia, auf moorig-sandigen Wiesen des Plateaus bei Palca. Herzog 2177, V.1911. Type.

Perezia obtusisquama Koster

Bolivia, auf Alpen-Wiesen über Tablas. Herzog 2163, V.1911. Type.

Perezia pygmaea Wedd.

Bolivia, Paz. Mandon 19, 22.IV.1857. Type.

Perezia recurvata Less. var. *sessilis* Dusén

Argentina, Chubut. Högberg s. n., 9.I.1902. Type.

Perezia violacea Wedd.

Bolivia, Larecaja, Sorata. Mandon 22, 1857-1860. Type.

Perralderia pauii Font Quer

Morocco, schistosis infra collem Tizi Usli dictum (Guesnaia), 1100 m. Font Quer 437, 12.VI.1929. Isolectotype.

Perymenium globosum Robins.

Mexico, Michoacan, Uruapan, 5000 ft. Pringle 10354, 25.I.1907. Isotype.

Perymenium hintonii McVaugh

Mexico, Apatzingan distr., Acahuato, 740 m. Hinton et al. 12045, 17.VIII.1938. Isotype.

Perymenium macrocephalum Greenm.

Mexico, Guerrero, above Iguala, 4000 ft. Pringle 8416, 27.IX.1900. Isotype.

Perymenium pringlei Robins. & Greenm.

Mexico, Jalisco, near Guadalajara. Pringle 2338, 11.X.1889. Isotype.

Perymenium reticulatum Fay

Mexico, Temascaltepec. Hinton et al. 7985, 11.VIII.1935. Isotype.

Perymenium tenellum Gray

Mexico, San Luis de Potosi. Palmer & Palmer 450, 1878. Isotype.

Petalactella woodii N. E. Br.

[South Africa], O. F. S., in colle saxoso pr. Harrismith, 5000-6000 ft.
Medley Wood 5139, 19.XII.1893. Isotype.

Peyrousea umbellata (L.f.) Fourc.

Thunberg s.n. Isolectotype.

Phaeopappus cheirolophus Boiss.

[Iran] Persia borealis, in m. Demawend. Kotschy 629, 1843. Type. - [Iran]
Persia borealis, mont. vallis Laaristan. Kotschy s. n., 1843. Type.

Phagnalon annoticum Jord.

France, Basses Alpes, rochers des Escafarets. Reverchon 34, 3.VII.1885.
Type.

Phagnalon calycinum (Cav.) DC. ssp. *ballsianum* Maire

Morocco, Tizi n' Test, 6000 ft. Balls B 2916, 25.VI.1936. Type.

Phagnalon persicum Boiss.

[Iran] Persia australis, in alpe Kuh-Delu. Kotschy 493, 12.VI.1842. Type.

Phagnalon pycnophyllum Rech. f.

West Pakistan, Quetta, in parte superiore faucium Torkhan inter Sanjawi et
Harnai, 900 m. Reching 29452, 14.V.1965. Type.

Phamia matricarioides Griseb.

Cuba. Wright 2797, 1860-1864. Type.

Philactis fayi Torres

Mexico, Michoacan, 35 km SE of Juiquilpan, 14 km SE of Cotija, 1800 m.
Cronquist & Fay 10803, 15.X.1970. Isotype.

Phyllocalymma filaginoides Steetz

[Western Australia] Ad fluminis Cygnorum ripam prope Urbiculum Perth.
Preiss 37, I.1839. Isotype.

Picris cyprica Lack

Cilicia, montagnes près Anamour. Péronin 48, V-VI.1872. Isotype.

Pinillosia bellioides Griseb.

Cuba. Wright 2844, 1860-1864. Type.

Piptocarpha angustifolia Dusén

Brazil. Paraná. Dusén 7090, 17.XI.1908. Lectotype. - Brazil. Paraná, Carvalho. Dusén s. n., 13.IX.1911. Paratype. - Brazil. Paraná, Tres Barras. Dusén s. n., 29.I.1916. Paratype. - Brazil. Paraná, Villa Velha. Dusén 7255, 28.XI.1908. Paratype.

Piptocarpha auyantepuiensis Aristeg.

Venezuela. Estado Bolívar, Auyan-tepui. Steyermark 93245, 2.V.1964. Isotype.

Piptocarpha carioca G. Barroso

[Brazil] Rio de Janeiro, Gávea. Duarte 381, 15.X.1946. Isotype.

Piptocarpha cinerea Sch. Bip.

Brazil. Prov. Minas Geraes. Caldas. Regnell II 151., 5.IX.1869. Lectotype. - Brazil. Regnell II 151a. Paratype. - Brazil. Prov. Minas Geraes. Caldas. Regnell II 151, 23.IX.1861. Paratype.

Piptocarpha densifolia Dusén

Brazil. Paraná, Carvalho. Dusén 13318, 6.XI.1911. Holotype.- Brazil. Paraná, Monte Alegre. Dusén 14067, 19.IV.1912. Paratype.

Piptocarpha graciellae Cabrera

Brazil. Rio de Janeiro. Brade 16498, 30.VII.1940. Paratype.

Piptocarpha prancei G. L. Smith

Brazil. Amazonas. Roraima. Vicinity of Uaicá airstrip, Rio Uraricoeira. Prance et al. 10833, 2.III.1971. Isotype.

Piptocarpha reitziana Cabrera

Brazil. Santa Catarina. Ibirama. Capoeira. Klein 594, 20.X.1953. Isotype. - Brazil. Santa Catarina. Morro da Fazenda, Itajaí. Orla da mata. Klein 1667, 7.X.1955. Paratype.

Piptocarpha splendida Dusén

Brazil. Paraná, Jaguarihyva. Jönsson 469a, 31.V.1914. Type.

Piptocarpha tetrantha Urban

Porto Rico. Adjuntas, in sylvá ad las Cruces. Sintenis 4017, 2.IV.1886. Syntype.

Piptocarpha umbricola Cuatrec.

Colombia. Comidaria del Putumayo, Umbría, 0° 54' N, 76° 10' W, altitude 325 m, forest. Klug 1863, XII.1930. Isotype.

- Piptocoma antillana* Urban
[West Indies] Ind. Occ., St. Jan, Ostsiden af Coral Bay. Raunkiaer 1916,
7.III.1906. Paratype.
- Piptocoma ekmanii* Liogier
Hispaniola, Santo Domingo, Cordillera Septentrional, prov. Puerto Plata.
Ekman H 14393, 13.III.1930. Isotype.
- Piptocoma samanensis* Liogier
Hispaniola, Santo Domingo, Peninsula de Samaná, prov. de Samaná, Pan
de Azucar. Ekman H 15847, 5.VIII.1930. Isotype.
- Piqueriopsis michoacana* R. M. King
Mexico, Michoacan, slopes of lava flow, E of San Juan Nuevo (c. 8 km S
of Uruapan). King & Soderstrom 4700, 11-15.X.1961. Isotype.
- Planaltoa salviifolia* Taub.
Brazil, Serra do Arruda, près Meia Ponte. Glaziou 21618, 1895. Type.
- Platystephium prostratum* Mart.
Brazil. Martius s. n., XI.1827. Type.
- Pluchea amorifera* Badillo
Venezuela, State of Sucre, hot springs near La Toma, between San Juan
and Cumaná, SE of Cumaná, 60 m. Steyermark 62860, 21.V.1945. Isotype.
- Pluchea phagnaloides* Hochst. ex A. Rich.
Abyssinia [Ethiopia], in montibus elatis sterilibus ad montem Silke, 9000 ft
supra mare et in ipso monte Silke. Schimper 685, 9.II.1840. Type.
- Podocoma asperrima* Dusén
Brazil, Sta. Catharina, Rio Capinzal. Dusén 17815, 27.II.1916. Holotype.
- Podocoma foliosa* Malme
Brazil, Jaguariahya, in campo. Dusén s. n., 26.XII.1915. Holotype.
- Podocoma regnellii* Baker
Brazil, Minas Geraes. Regnell III 732, 5.XI.1864. Type.
- Podolepis nutans* Steetz
[Western Australia] In arenosis terrae inferioris. Preiss 58. Isolectotype.
- Podolepis rosea* Steetz
[Western Australia] In arenosis silvae prope Limekilns. Preiss 55,
23.IX.1839. Isolectotype.

***Podolepis subulata* Steetz**

[Western Australia] In solo sublimoso districtus Vasse. Preiss 54, XII.1839. Type.

***Podospermum canum* C. A. Mey. var. *mardabadense* Rech. f.**

Iran, Montes Elburs centr., in montibus Halkedar ad Murdabad (Mardabad), 1300 m. Reching 1054, 15.VI.1937. Type.

***Pogonolepis stricta* Steetz**

[Western Australia] In locis hieme marina inundatis prope Vasse-inlet. Preiss 39, XII.1839. Isotype.

***Pollalesta argentea* Aristeg.**

Peru, Dept. Cajamarca, prov. Taen, valley of the river Sabaconas. Weberbauer 6162, IV.1912. Isotype.

***Pollalesta brasiliiana* Aristeg.**

Brazil, Amazonas, Sao Paulo de Olivenca. Ducke 398, 1.II.1937. Isotype.

***Pollalesta klugii* Aristeg.**

Peru, dept. Loreto, near Yurimaguas, altitude about 140 meters. Klug 2819, XII.1932. Isotype.

***Pollalesta rarissima* Stutts**

Venezuela, between La Muleta and Independencia. Alston 7070, 15.II.1939. Isotype.

***Polyachyrus annuus* Johnst.**

Chile, Tocopilla, steep hillside ca. 6 km. north of port and about opposite Caleta Duendes. Johnston 3583, 18.X.1925. Type.

***Polyachyrus latifolius* Phil.**

[Chile] Atacama. Philippi s. n. Type.

***Polyachyrus rigidus* Johnst.**

Chile, Quebrada de Potrerillos, along old road between Encanche and town of Potrerillos. Johnston 4700, 22.X.1925. Type.

***Polyachyrus virgatus* Johnst.**

Chile, vicinity of Aguada Grande, near Antofagasta-Atacama provincial boundary. Johnston 5795, 16-18.XII.1925. Type.

***Polychaetia acerosa* DC.**

[South Africa] Cape, Witbergen. Drège s. n. I. Isotype.

***Polychaetia brevifolia* DC.**

[South Africa] Africa australis extratropicae. Burchell 2171. Isotype.

***Polychaetia garnottii* Less.**

South Africa, Cape, 3420 Bredasdorp, near road Port Beaufort-Swellendam, 19 km from Port Beaufort. K. Bremer 231, 27.IX.1972. Neotype.

***Polychaetia oppositifolia* DC.**

[South Africa] Cape, Sneeuweberg, in Niederungen, Thälern und an Flüssen, 4000-5000 ft. Drège s. n. IX. Isotype.

***Porophyllum arenosum* Sch. Bip.**

Brazil. Riedel s. n. Type.

***Porophyllum curticeps* Malme**

Brazil, Rio Grande do Sul, Porto Alegre, Morro da Policia. Malme 501a, 26.XI.1901. Type.

***Porophyllum hasslerianum* Chodat**

Paraguay, Apa. Hassler 8086, XII. Isotype.

***Porophyllum macrolepideum* Malme**

Brazil, Matto Grosso, Cuyabá. Malme 1368B, 7.II.1894. Type. - Brazil, Matto Grosso, Cuyabá. Malme 3134B, 2.V.1903. Type.

***Porophyllum tharpianum* Steyermark**

Mexico, Coahuila, 25 miles SW of Monterey. Barkley 14831, 1.XII.1945. Type.

***Proustia cinerea* Phil.**

Chile, Santiago. Philippi 675. Isotype.

***Proustia stenophylla* Urban & Ekman**

Hispaniola, Haiti, Massif de la Selle, Morne Cabaio, in stony slopes. Ekman H 1596, 24.VIII.1924. Type.

***Proustia vanillosma* Wright**

Cuba. Wright s. n. Isotype.

***Pseudogynoxys asplundii* K. Afzelius**

Ecuador, prov. Guayas, Dos Mangas near Manglaralto. Asplund 20395, 2.V.1956. Holotype.

- Pseudogynoxys chiribogensis* K. Afzelius
Ecuador, prov. Pichincha, Chiriboga thicket on riverbank. Asplund 16221,
5.V.1955. Holotype.
- Pseudogynoxys chongonensis* K. Afzelius
Ecuador, prov. Guayas, E of Chongon. Fagerlind & Wibom 268,
23.IX.1952. Holotype.
- Pseudogynoxys guarumalensis* K. Afzelius
Ecuador, prov. Pichincha, Guarumal (between San Juan and Chiriboga).
Asplund 17140, 2.VIII.1955. Holotype.
- Pseudogynoxys pastazensis* K. Afzelius
Ecuador, prov. Tungurahua, valley of Rio Pastaza, Hacienda Rio Verde
Grande. Asplund 7838, 26.VII.1939. Holotype.
- Psiadia inaequidentata* Humbert
Madagascar, Environs de Fort Dauphin, Pic St.Louis. Humbert 5895,
20.IX-6.X.1928. Type.
- Psilopogon albiflorus* Phil.
[Chile] Colchagua. Philippi s. n. Type.
- Psychrogeton shahrestanicus* Rech. f.
C Afghanistan, Deh Kundi, 3-30 km NE of Shahrestan. Reching 36736,
1-2.VII.1967. Type.
- Pterocaulon hassleri* Chodat
Paraguay, San Bernardino. Hassler 6041. Type.
- Pterocaulon lorentzii* Malme
Brazil, Rio Grande do Sul. Malme 1523, 3.IV.1902. Syntype. - Brazil, Rio
Grande do Sul. Malme 578, 16-21.II.1902. Syntype. - Brazil, Rio Grande
do Sul. Malme 932, 3.I.1902. Syntype.
- Pterocaulon pilcomayense* Malme
Paraguay. Hassler 300. Isotype.
- Pterocaulon purpurascens* Malme
Brazil, Matto Grosso, Porto Murtinho. Malme 2795, 2.I.1903. Type. -
Paraguay, Colonia Risso. Malme 1014, 30.IX.1893. Type.
- Pterocaulon subvirgatum* Malme
Paraguay, Colonia Risso. Malme 1014B, 30.IX.1893. Syntype. - Paraguay,
Paraguari, in campis siccis. Lindman s. n., 1894. Syntype.

Pteronia anisata B. Nord.

South Africa, Cape, L. Namaqualand div., Richtersveld, Cornell's Kop (Near Annisfontein), N slopes. Nordenstam 1694, 31.X.1962. Holotype.

Pteronia elata B. Nord.

South Africa, Cape, L. Namaqualand div., Richtersveld, Mts 2 miles NE of Stinkfontein (Devil's Castle). Nordenstam 1829, 7.XI.1962. Holotype.

Pteronia succulenta Thunb.

[South Africa] Cap. b. Spei. Thunberg s. n. Type.

Pterothrix cymbaefolia Harv.

[South Africa, Cape] Inter Bitterfontein & Mariekasteel. Zeyher s. n. Syntype.

Pterothrix thuja Merxm.

[Namibia] Deutsch Südwest-Afrika, Kurisberg bei Rotkop. Dinter 6008, 7.II.1929. Type.

Pulicaria erigeroides DC.

[South Africa] Burchell 4408. Type.

Pulicaria pomeliana Faure & Maire

Algeria, Terny, près Tlemcen. Faure s. n., 9.VIII.1932. Type.

Pulicaria rüppelii Sch. Bip.

Abyssinien [Ethiopia], in rupibus Mai Oui provinciae Modat. Schimper 1041, 1.IV.1839. Type.

Pyrocoma setigera Phil.

[Chile] S. Cristo'val, Santiago. Philippi s. n. Type.

Relhania affinis Sond. ex Harv.

[South Africa] Cape, Karooartige Stellen bei Redlinghuis am Bergrivier. Zeyher 842, XI. Lectotype.

Relhania foveolata Bremer

South Africa, Cape Colony, Karoo Poort. Hafström & Acock 1721, 18.IX.1938. Holotype.

Relhania multipunctata DC.

[South Africa] Cape, bei Honigvalei und auf Kaudeberg. Drège s. n., XII. Isotype.

Relhania nordenstamii Bremer

South Africa, Cape, L. Namaqualand div., Richtersveld, mtn between Numees and Hellskloof. Nordenstam 1758, 4.XI.1962. Holotype.

Relhania resinifera Bremer

South Africa, 3320 Montagu, Witteport, 750 m. Bremer 216, 25.IX.1972. Holotype.

Relhania rigida Hoffm. & Muschl.

South Africa, Knysna. Penther 1130, 1894. Isotype.

Relhania rotundifolia Less.

[South Africa] sine loco. Dahl a Vahl. Lectotype.

Relhania spathulifolia Bremer

South Africa, 3419 Caledon, Bredasdorp div., between Bosheuwel and Soutbos, shore of vlei. Bremer 517, 18.XI.1972. Holotype.

Rhaponticum pulchrum Fisch. & Mey. ssp. *caucasicum* Dittrich

Caucasus, Carthalinia, Borshom. Brotherus & Brotherus 490, VI.1881. Isotype.

Riencourtia tenuifolia Gardner var. *intermedia* Malme

Brazil, Matto Grosso, Cuyabá. Malme 1190B, 12.XII.1893. Type.

Robinsonia corrugata Phil.

[Chile] Juan Fernandez. Philippi s. n., XI.1864. Type.

Robinsonia masafuerae Skottsberg.

[Chile] Juan Fernandez, Masafuera. Skottsberg 1233, 15.II.1917. Type. -

[Chile] Juan Fernandez, Masafuera. Skottsberg 434, 15.II.1917. Type. -

[Chile] Juan Fernandez, Masafuera. Skottsberg 525, 22.II.1917. Type.

Rolandra argentea Rottboell

Loco ignoto. Coll. ignot. Type ?

Rosenia spinescens DC.

[South Africa, Cape Prov.] Nieuwveld, between Rhinosterkop and Ganzefontein, 3500-4500 ft. Drège s.n. Isotype.

Sabazia anomala Greenm.

Mexico, Hidalgo, near Buena Vista Station, 8300 ft. Pringle 8853, 7.VIII.1904. Isotype.

Sabazia radicans Blake

Mexico, Hidalgo, near Trinidad Iron Works, 5800 ft. Pringle 8943, 11.VII.1904. Isotype.

Sabazia trifida Fay

Mexico, Oaxaca, Sierra Madre del Sur, c. 125 km S. of Oaxaca on road to Puerto Angel. Cronquist & Fay 10889, 8.XI.1970. Isotype.

Sachsia divaricata Griseb.

Cuba. Wright 2839, 1860-1864. Type.

Sachsia tricephala Griseb.

Cuba. Wright 2836. Type.

Salmea glaberrima Wright

Cuba. Wright 2855, 1860-1864. Type.

Salmea paniceps Griseb.

Cuba. Wright 2854, 1860-1864. Type.

Salmea umbratilis Robins.

Cuba, prov. Pinar del Rio, Region of the Mogates, Sierra del Sitio Santo Tomas. Ekman 16631, 10.VI.1923. Type.

Sartwellia humilis Johnston

Mexico, San Luis Potosi, road from Matehuala north to San Miguel, 4 miles S of Cedral. Johnston 7567, 11-12.IX.1938. Type.

Saussurea aspera Hand.-Mazz.

China, Shansi, semen in Shansi lectum. Planta in Hort. Bot. Upsaliense culta. Smith s. n., 12.IX.1937. Cotype.

Saussurea brachylepis Hand.-Mazz.

China, Sikang, Taofu (Dawo) distr., Taining (Ngata), 3600 m. Smith 11774, 4.IX.1934. Cotype.

Saussurea epilobioides Maxim. var. *cana* Hand.-Mazz.

China, Sikang, Kangting (Tachienlu) distr., Chungo valley, Hsintientzü, 3800 m. Smith 11383, 24.VIII.1934. Cotype.

Saussurea humilis Ostenf.

N. or inner Tibet near camp XLIV, 5127 m. Hedin s. n., 18.VIII.1901. Type.

Saussurea hyperiophora Hand.-Mazz.

China, Sikang, Taofu (Dawo) distr., Taining (Ngata) Zungkong, 4800 m.
Smith 12234, 7.IX.1934. Type.

Saussurea lancifolia Hand.-Mazz.

China, Sikang, Taofu (Dawo) distr., Taining (Ngata) Zungkong, 4700 m.
Smith 11951, 7.IX.1934. Cotype.

Saussurea micradenia Hand.-Mazz.

China, Yünnan bor.-occid., inter fluvios Lu-djiang et Djiou-djiang, vallis
Gümbalo supra Tschamutong. Handel-Mazzetti 9873, 17.VIII.1916. Type.

Saussurea nuda Ledeb.

Alaska, Cap Espenberg. Coll. ignot. Type fragment.

Saussurea oxyodonta Hultén

S Kamtschatka, Sahach volcano. Hultén 4282, 16.VIII.1922. Type.

Saussurea subsinuata Ledeb.

Kamtschatka. Coll. ignot. Type fragment.

Saussurea triptera Maxim. f. *albiflora* Mizushima

Japan, Hondo, prov. Musashi, Mt. Tenso, Nippara, Nishitama-gun, 1450 m.
Mizushima 14789, 26.VIII.1957. Isotype.

Saussurea viscida Hultén

Alaska, St Lawrence Island, Bering Sea, Sevoonga and neighborhood.
Geist s. n., VII-VIII.1931. Type.

Saussurea weberi Hultén

USA, Colorado, Summit Co., steep tundra slope between talus sides, N side
of Hoosier Ridge, 12400 ft. Weber & Thornburg 4448, 31.VIII.1948. Type.

Scalesia aspera Andersson

Galapagos. Andersson 162. Type.

Scalesia aspera Andersson var. *subintegerrima* Harling

Galapagos, Eden, mountain slopes. Harling 5525, 19.VI.1959. Type.

Scalesia decurrens Andersson

Galapagos, insula Charly. Andersson 167. Type.

Scalesia divisa Andersson

Galapagos, insula Chatham. Andersson 161. Type.

- Scalesia helleri* Robins. ssp. *santacruziana* Harling
Galapagos, Santa Cruz, ca. 2 km west of P. Ayora, sandy beach. Harling
5237, 29.V.1959. Type.
- Scalesia microcephala* Robins. var. *cordifolia* Eliasson
Galapagos, Isla Isabela, Volcán Wolf, E part of the crater rim. Eliasson &
Eliasson 2214, 21.V.1967. Holotype.
- Scalesia ovata* Andersson
Galapagos, insula Charly. Andersson 163. Type.
- Scalesia stewartii* Riley var. *euryphylla* Harling
Galapagos, Bartolomi. Fagerlind & Wibom 3488. Holotype.
- Sciadocephala asplundii* R. M. King & H. Robinson
Ecuador, prov. Napo-Pastaza, Mera, forest towards Mangayacu. Asplund
19675, 9.III.1956. Holotype.
- Sclerocarpus columbianus* Rusby & Blake
Colombia, Santa Marta, Ciénaya, thicket on irrigated land near sea. Smith
518, 6-12.IX. Isotype.
- Sclerorhachis rechingeri* Iranshar
Iran, E. Khorasan, 17-21 km E Sabzevar versus Soltanabad. Rechinger
53702, 17.VI.1975. Type.
- Scorzonera longipapposa* Rech. f.
E Afghanistan, Khost, in valle fluvii Shamol W Khost, 1800 m. Rechinger
35489, 3.VI.1967. Type.
- Scorzonera serpentinica* Rech. f.
Insula Euboea septentr., in jugo inter Psachna et Achmet Aga (Prokopion)
prope Hagios, 550 m. Rechinger 16415, 27.V.1955. Type.
- Scorzonera tortuosissima* Boiss. var. *microcalathia* Rech. f.
Iran, prov. Khorasan, inter Meshed et Turbat-e Haidari, in montibus ditone
Robat-Safid, 1700 m. Rechinger 1535, 10-11.VII.1937. Type.
- Senecio aberdaricus* R. E. Fries & Th. Fries
Kenya occid., regio alpina, ca 2900 m. Fries & Fries 2436, 14.III.1922.
Type. - Kenya occid., Mt Aberdare, in monte Sattima, ca 3800 m. Fries &
Fries 2436 a, 19.III.1922. Type.
- Senecio adenotrichius* DC.
[Chile] Aconcagua. Philippi s. n. Type. - [Chile] Santiago. Philippi 673.
Type.

Senecio aequinoctialis R. E. Fries

Kenya occid., Mt Aberdare, 3000 m. Fries & Fries 2360, 13.III.1922.
Isotype.

Senecio alaskanus Hultén

Alaska, 12 mile summit, Steese Hwy 87. Anderson 2423, 17.VII.1935.
Type.

Senecio albanopsis Hilliard

South Africa, Natal, Inchanga hill, 600 m. Hilliard & Burt 6775,
5.III.1971. Type.

Senecio algens Wedd. var. ***major*** Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 129, 1858-1860. Type.

Senecio arancanus Phil.

[Chile] Cordill. de Chillan. Philippi s. n. Type.

Senecio arbutifolius H.B.K.

Ecuador, in Andibus. Spruce 5561, 1857-1859. Type.

Senecio arenicola Reich.

[Argentina] Patagonia. Dusén s. n., 8.I.1897. Type.

Senecio arequipensis Cuatrec.

Peru, southern slopes of Chachani mountain, north of Arequipa. Hinkley
55, III.1920. Isotype.

Senecio argyrotrichus Dusén

Brazil, Itatiaya, Retiro. Dusén 34, 17.V.1902. Holotype.

Senecio asplundii Cabrera

Peru, dep. Huánuco, prov. Huánuco. Asplund 13127, 16.VIII.1940. Type.

Senecio atacamensis Phil.

[Chile] Atacama. Philippi s. n. Type.

Senecio aurelianus Sch. Bip.

Argentina, Chubut, Cipolletti. Aurelius 1, 1913. Type.

Senecio bambuseti R. E. Fries

Kenya occid., regio bambusina inferior. Fries & Fries 1203, 27.I.1922.
Type.

Senecio barahonensis Urban

Hispaniola, Santo Domingo, Cordillera de Bahoruco, prov. de Barahona,
Sierra de los Comisarios. Ekman H 6795, 29.VIII.1926. Type.

- Senecio battiscombei* R. E. Fries & Th. Fries
Kenya occid., Mt. Aberdare, regio alpina inferior. Fries & Fries 1304,
31.I.1922. Type.
- Senecio bomanii* R. E. Fries
Argentina, prov. Jujuy. Fries 412, 27.I.1901. Type.
- Senecio brachylepis* Phil.
[Chile] Coquimbo. Philippi s. n. Type.
- Senecio brassicaeformis* R. E. Fries & Th. Fries
Kenya occid., Mt. Aberdare, ad Kinangop. Fries & Fries 2400 b, 1.IV.1922.
Type. - Kenya occid., Mt. Aberdare, in monte Sattima, 3400 m. Fries &
Fries 2400 a, 19.II.1922. Type. - Kenya occid., Mt. Aberdare, regio alpina
2900 m. Fries & Fries 2400, 14.III.1922. Type.
- Senecio byrnensis* Hilliard
South Africa, Richmond distr., ridge leading to Peak of Byrne, 5000 ft.
Hilliard 8086, 29.IV.1976. Isotype.
- Senecio campanulatus* Sch. Bip.
Bolivia, Larecaja, Sorata, via ad Lacatia. Mandon 121, 1858. Isotype.
- Senecio chachaniensis* Cuatrec.
Peru, Dep. of Arequipa, Nevado de Chachani. Pennell 13285, 14.IV.1925.
Isotype.
- Senecio chamomillaefolius* Phil.
[Chile] Atacama. Philippi s. n. Type.
- Senecio cobanensis* Coult.
Guatemala, Coban. von Türckheim 1656 nr.II, III.1908. Type.
- Senecio cochabambensis* Cabrera
Bolivia, an sonnigen Schieferfelsen im Slavethal bei Cochabamba. Herzog
2093, V.1911. Type.
- Senecio colpodes* Bong.
Brazil, Piedade. Riedel s. n. Type.
- Senecio constanzae* Urban
Santo Domingo, prope Constanza. von Türckheim 3291, V.1910. Type.
- Senecio cortusifolius* Hand.-Mazz.
China, Sikang, Kangting (Tachienlu) distr., Chungo valley, Mt. Yara, 4000
m. Smith 11167, 18.VIII.1934. Isotype.

Senecio cremnophilus Johnst.

Argentina, Andes of Northwestern San Juan, vicinity of Baños San Crispin. Johnston 6107, 10.I.1926. Type.

Senecio cristatus Thunb.

[South Africa] Cap. b. Spei. Thunberg s. n. Type.

Senecio ctenophyllus Greenm.

Mexico, Durango, barranca below Sandia Station, 7000 ft. Pringle 10105, 15.X.1905. Type.

Senecio dictyophlebius Greenm.

Bolivia, Larecaja, Sorata, via ad Lacatia. Mandon 146, 1858. Isotype.

Senecio divisorius Cabrera

Peru, Dep. Huánuco, Prov. Huánuco, near La Divisora. Asplund 12604, 28.VII.1940. Type.

Senecio domingensis Urban

Santo Domingo, prope Constanza. von Türkheim 3347, IV.1910. Type.

Senecio eggersii Hieron.

Ecuador, El Recreo. Eggers 14872, 1892-1897. Isotype.

Senecio elbrusensis Boiss.

Persia borealis, ad pagum Azadbar in Gerdene Geserek. Kotschy 460, 1843. Paratype.

Senecio elequiensis Cabrera

Chile, Prov. Coquimbo. Werdermann 99, XI.1923. Isotype.

Senecio fendleri A. Gray

[USA, New Mexico] Plantae Novo Mexicanae. Fendler 478, 1847. Type.

Senecio forsteri Phil.

[Chile] Magallanes. Philippi s. n. Type.

Senecio gardneri Cotton var. *ligulatus* Cotton & Blakel.

Kenya, Nyanza prov., Trans-Nzoi distr., Mt. Elgon, 13800 ft. Taylor 3719, 22.II.1935. Type.

Senecio geissei Phil.

[Chile] Atacama. Philippi s. n. Type.

Senecio gertii Zardini

Brazil, Grao-Mogol, arredores, Minas Gerais. Hatschbach 41467, 22.VII.1978. Isotype.

Senecio glutinosus Thunb.

[South Africa] Cap. b. Spei. Thunberg s. n. Type.

Senecio gramineus Harv.

[South Africa] Cape, Van Stadesberg [Humansdorp]. Ecklon & Zeyher s. n. Type.

Senecio graminifolius Phil.

[Chile] Chillan. Philippi s. n. Type.

Senecio gran-sabanensis Aristeg.

Venezuela, Estado Bolivar, vicinity of km. 126 south of El Dorado, northeast of Luepa. Steyermark & Aristeguieta 32, 6-11.III.1962. Isotype.

Senecio grisebachii Baker var. *pseudovernonioides* Cabrera

Brazil, Paraná, Serrinha, in campo. Dusén 7238, 21.XI.1908. Type.

Senecio grossidens Dusén

Brazil, Paraná, Pinhaes. Dusén 56789. Type.

Senecio heliopsis Hilliard & Burt

South Africa, Lions river distr., Nottingham road to Underberg road, near Nottingham road. Hilliard & Burt 6976, 29.X.1973. Isotype.

Senecio hermannii B. Nord.

[Namibia] South West Africa, Warmbad distr., Ai-Ais, Fish river. Nordenstam & Lundgren 130, 26.VI.1974. Holotype.

Senecio hirsutulus Phil.

[Chile] Coquimbo. Philippi s. n. Type.

Senecio hoehnei Cabrera

Brazil, Paraná, Serrinha. Dusén 6941, 22.X.1908. Type.

Senecio hotteanus Urban & Ekman

Hispaniola, Haiti, Massif de la Hotte, western group, Torbec, Mourné Formon, limestone ridge. Ekman H 7430, 27.XII.1926. Type.

Senecio hypsophilus Phil.

[Chile] Chillan. Philippi s. n. Type.

Senecio illinitus Phil.

[Chile] Valparaiso. Philippi s. n. Type.

Senecio iranicus B. Nord.

Iran, Tehr., in excelsis alpinis M. Damavand, 3800-3900 m. Bormüller 7478, 17.VII. 1902. Isotype.

Senecio itatiaiae Dusén

Brazil, Serra do Itatiaia, Agulhas Negras, c. 3000 m. E. Hemmendorf 653, 27.VI.1901. Holotype.

Senecio jungei Phil.

[Chile] Coquimbo. Philippi s. n. Type.

Senecio kalingenwae Hilliard

South Africa, Natal, 2929 CB Underberg distr., Gxalingenwa valley, between Sani Pass & Polela valley. Hilliard & Burt 17212, 12.XII.1983. Isotype.

Senecio keniodendron R. E. Fries & Th. Fries

Kenya occid., Mt. Aberdare, regio alpina superior. Fries & Fries 1356, 5.II.1922. Type.

Senecio keniophyton R. E. Fries

Kenya occid., Mt. Aberdare, ca 4400 m. Fries & Fries 1414, 5.II.1922. Type.

Senecio kosterae Cabrera

Bolivia, an steinigen Abhängen zwischen Uyajti un Totorá. Herzog 2040, IV.1911. Type.

Senecio kotschyanus Boiss.

Iran, Fars., ad fontem Chashmeh Pias in Kuh-e Dinar. Kotschy 771. Isotype.

Senecio kuckenthalii Urban & Ekman

Hispaniola, Haiti, Massif des Matheux, l'Arcahaie, Caye Nicolas, hillside. Ekman H 9491, 2.II.1928. Holotype.

Senecio laetivirens Badillo

Venezuela, State of Anzoátegui. Steyermark 61607, 20.III.1945. Isotype.

Senecio langei Malme

Brazil, Paraná, Pinhaes. Jönsson 943a, 16.IX.1914. Type.

Senecio lechleri Phil.

Chile, prope Cudigo. Lechler 324, XI.1854. Type. - [Chile] Magallanes. Philippi s. n. Type.

Senecio lorentzii Griseb.

Argentina, Salta. Lorentz & Hieronymus 103, 19-23.III.1873. Type.

Senecio lorentensis Cuatrec.

Peru, Dep. Loreto, Pumayacu, between Balsapuerto and Moyobamba. Klug 3191, VIII-IX.1933. Isotype.

Senecio malaisei Hultén

Kamtschatka centralis, Anauna river, among *Pinus pumila*. Malaise 322, 19.VIII.1926. Type.

Senecio marcianus Urban & Ekman

Hispaniola, Haiti, Massif des Matheux, St.-Marc, southern slopes of Morne Haut de St.Marc. Ekman H 8078, 8.VI.1927. Type.

Senecio martinensis Dusén

[Argentina] Patagonia, Santa Cruz, Lago San Martin. Dusén 6053, 9.III.1905. Type.

Senecio microphyllus Phil.

[Chile] Cordill. de Santiago. Philippi 789. Type.

Senecio modestus Phil.

[Chile] Cordill. de Santiago. Philippi s. n. Type.

Senecio moorei R. E. Fries

Kenya occid., Mt. Aberdare, 2800 m. Fries & Fries 1323, 31.I.1922. Type.

Senecio multibracteatus Harv.

[South Africa] Cape. Coll. ignot. [Zeyher], herb. Sonder.

Senecio myrianthus Klatt

Bolivia, Larecaja, Sorata, Valle rivi Challassuyo. Mandon 141, VII.1857. Isotype.

Senecio myrrhifolius Thunb.

[South Africa] Cap. b. Spei. Thunberg s. n. Type.

Senecio nigellus Badillo

Venezuela, State of Anzoátegui, along Río Zumbador and tributary, near base of Piedra Blanca. Steyermark 61305, 1-2.III.1945. Isotype.

Senecio nordenskiöldii O. Hoffm.

[Chile] Fuegia, Rio San Martin. Dusén A12, II.1890. Type.

Senecio octolepis Griseb.

Argentina, Jujuy, El Volcan. Lorentz & Hieronymus 762, 12-13.V.1872. Type.

Senecio oreophilus Dusén

Brazil, Itatiaia, Retiro. Dusén 49, 18.V.1902. Holotype.

Senecio ostenii Mattf.

Uruguay, Maldonado, Sierra Animas. Osten 22336 (=22335), 5.XI.1931. Cotype.

Senecio paranensis Malme

Brazil, Paraná, Desvio Ypiranga. Dusén 6733, 17.IX.1908. Type.

Senecio parnitus Hilliard

South Africa, Natal, Mpendhle distr., 2929 BC. Highmoor F.R. Ridge SE of Giant's Castle, headwaters of Elandshoek river, 7900-8100 ft. Hilliard & Burt 16201, 5.1.1983. Isotype.

Senecio parentalis Hilliard & Burt

South Africa, Natal, Underberg distr., Garden Castle Nature Res., track towards Bushman's Nek. Hilliard & Burt 7908, 2.II.1975. Isotype.

Senecio parodii Cabrera

[Argentina] Rio Negro. Cabrera & Job 257, 12.I.1935. Type.

Senecio pascoensis Cabrera

Peru, Dep. Junín, Prov. Cerro, Cerro de Pasco. Asplund 11749, 19.VI.1940. Type.

Senecio pimpinellaefolius H.B.K.

Ecuador, in Andibus. Spruce 4993, 1857-1859. Type.

Senecio pinnulatus Thunb.

[South Africa] Cap. b. Spei. Thunberg s. n. Type.

Senecio plumbeus Griseb.

Cuba. Wright 2869, 1860-1864. Type.

Senecio polyadenus O. Hedb.

Uganda, Kigezi distr., Mt Muhavura, W slope, 4000 m. Hedberg 2091, 4.X.1948. Isotype.

Senecio poseidonis Hilliard & Burt

South Africa, Natal, Alfred distr., Ngeli Mt., c. 1525 m. Hilliard & Burt 5850, 4.I.1969. Isotype.

Senecio potamogetonifolius Sch. Bip.

Chile, Valdivia. Lechler 458a, I.1851. Type.

Senecio pseudalmeidae Cabrera

Chile, Prov. Antofagasta, Dep. Taltal, Taltal. Werdermann 851, X.1925.
Isotype.

Senecio pseudoeruroides Cabrera

Chile, Prov. Santiago, Depto. Melipilla, Las Viscachas, ca. 10 km from La Dormida. Morrison 16734, 6.XII.1938. Isotype.

Senecio pterocaulis Greenm.

Mexico, Morelos, lava fields above Cuernavaca, 7000 ft. Pringle 8704,
24.XI.1902. Type.

Senecio qathlambanus Hilliard

South Africa, Natal, Impendhle distr., summit plateau Drakensberg, vicinity
Giants Castle Pass. Wright 1093, 20.I.1971. Isotype.

Senecio quenselii Skottsberg

Argentina, Patagonia. Skottsberg 646, 12.XII.1908. Type.

Senecio quinquelepis Hieron.

Bolivia, Camataqui. Fiebrig 3062, II.1904. Type.

Senecio reicheanus Cabrera

Chile, Prov. Tarapacá, Dep. Tarapacá, Cord. Co. Japu. Werdermann 1104,
III.1926. Type.

Senecio roseiflorus R. E. Fries

Kenya occid., Mt. Aberdare, Sattima. Fries & Fries 2442, 21.III.1922.
Type.

Senecio rudatisii Schltr & Muschl.

[South Africa] Natal colony, distr. Alexandra, Station Dumisa, 600 ft.
Rudatis 687, 4.IX.1909. Type.

Senecio ruficaulis Greenm. & Cuatrec.

Ecuador, Prov. Azuay, the eastern Cordillera, 4-6 km, north of the village
of Sevilla de Oro. Camp E-4703, 14.VIII.1945. Isotype.

Senecio saliens Rydb.

USA, Montana, Yogo Baldy, Little Belt Mts. Flodman 919, 24.VIII.1896.
Type fragment and photograph.

Senecio sanctae-martae Greenm.

Colombia, Santa Marta. Smith 1977. Isotype.

Senecio saniensis Hilliard & Burt

Lesotho, Sani Pass, SW facing summit cliffs, 9400 ft. Hilliard 5323, 18.II.1973. Isotype.

Senecio schistotrichus Greenm.

Costa Rica, vicinity of El General, Prov. San José. Skutch 2502, I.1936. Type.

Senecio schulzii Wedd.

Chile. Philippi 121, III.1852. Type.

Senecio sepium Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 133, 8.VI.1859. Cotype.

Senecio sevillanus Cuatrec.

Ecuador, Prov. Azuay, eastern Cordillera, 8 km north of the village of Sevilla de Oro. Camp R 4323. Isotype.

Senecio sheldonensis A. E. Porsild

Canada, Yukon Terr., Canol Rd., NE spur of Mt Sheldon, 3400 m. Porsild & Breitung 11492, 8.VIII.1944. Paratype.

Senecio sociorum Bolus

South Africa, Cape, Ceres div., Mitchells Pass. Bolus 5434, VIII.1885. Isotype.

Senecio solidagineus Hand.-Mazz.

China, Sikang, Taofu (Dawo) distr., Taofu, 3000 m. Smith 12239, 15.IX.1934. Cotype.

Senecio steinbachianus Cuatrec.

Bolivia, Prov. Chapare, Dep. Cochabamba. Steinbach 9876, 21.VI.1929. Isotype.

Senecio stenodon Urban

Hispaniola, Haiti, Dep. du Sud, Morne de la Hotte. Ekman 184a, 11.VI.1917. Type. - Hispaniola, Haiti, Dep. du Sud, Morne de la Hotte. Ekman 184b, 11.VI.1917. Type.

Senecio subdecurrens Sch. Bip.

Ecuador, in *Andibus*. Spruce 6001, 1857-1859. Type.

Senecio submontanus Hilliard & Burt

South Africa, Underberg distr., Garden Castle Nature Res., track towards Bushman's Nek, 6200 ft. Hilliard & Burt 7907, 2.I.1975. Isotype.

Senecio subpanduratus O. Hoffm.

[Chile] Fuegia, Cabo Domingo. Dusén 452, 5.II.1896. Type.

Senecio subrosulatus Hand.-Mazz.

China, prov. Szechuan, reg. bor. Dongrergo, 4000-4150 m. Smith 3634, 22.VII.1922. Isotype.

Senecio sympodialis R. E. Fries

Kenya, Mt. Aberdare, in cacumine montis Sattimae, 4000 ft. Fries & Fries 2581, 21.III.1922. Isotype.

Senecio tenuicaulis Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 127, 8.VIII.1858. Isotype.

Senecio thamathuensis Hilliard

South Africa, Natal, Underberg distr., Bushman's Nek, Thamathu Cave, 7500 ft. Hilliard & Burt 8971, 5.II.1976. Isotype.

Senecio theodorii K. Afzelius

Kenya occid., Mt. Aberdare, pr. Forest Station, 2300 m. Fries & Fries 665, 3.I.1922. Isotype.

Senecio trichocodon Baker

Paraguay, Caaguazu. Balansa 929, 12.XI.1874. Isotype.

Senecio venosus Harv.

[South Africa, Transvaal] Magalisberg. Zeyher 936, X., herb. Sonder. Holotype.

Senecio villifructus Hilliard

South Africa, Natal, Ngotshe distr., Louwsburg, Itula Nature Reserve, sandstone W of Potwe house, c. 4200 ft. Hilliard & Burt 8530, 10.XII.1975. Isotype.

Senecio viridilacus Cabrera

Bolivia, an felsigen Stellen eines Graskopfes am Kamm der Laguna verde bei Comarapa. Herzog 1943, IV.1911. Type.

Senecio westermanii Dusén

Brazil, Paraná, Serro do Mar, Banhado. Dusén 14477, 5.II.1914. Type. -
Brazil, Paraná, Serro do Mar, Banhado. Dusén 3558, 9.II.1904. Type.

Senecio xanthocephalus Dusén

Argentina, Chubut. Högborg s. n., 8.I.1902. Type.

***Senecio zosteræfolius* Hook. & Arn.**

[Chile] Valdivia. Philippi s. n. Type.

***Seris rupestris* Malme**

Brazil, Matto Grosso, pr. Bacca da Serra. Malme 2417, 28.IX.1902. Type.

***Siegesbeckia andersoniae* Turner**

Mexico, Distr. Zitacuaro, Zitacuaro. Hinton et al. 11852, 5.IX.1938.
Isotype.

***Siegesbeckia mandonii* Sch. Bip.**

Bolivia, Larecaja, Sorata. Mandon 232, III-IV.1859. Isotype.

***Siegesbeckia melanolepis* Sch. Bip.**

Bolivia, Larecaja, Sorata. Mandon 231, III-IV.1859. Isotype.

***Siegesbeckia repens* Robins. & Greenm.**

Mexico, Oaxaca, Sierra de Clavellinas, 9000 ft. Pringle 4987, 16.X.1894.
Isotype.

***Skirrhophorus preissianus* Steetz**

[Western Australia] In umbrosis madidis inter fruticis prope lacus ad
Woodmanspoint. Preiss 38, XII.1838. Isotype.

***Smallanthus lundellii* H. Robinson**

Guatemala, dep. of Baja Verapaz, union Barrios, on the Salama-Coban
Road, south of km. 147. Lundell & Contreras 18916, 5.II.1975. Isotype.

***Solidago yukonensis* Gaud.**

Yukon Terr., fifty-miles river. Bolton s. n., 3.VIII.1899. Type.

***Soliva aphanes* Sch. Bip.**

Bolivia, Larecaja, Sorata, Vocoguaya, prope Cana. Mandon 294, III-
V.1860. Type. - Peru, Azangaro. Lechler 1782. Type.

***Soliva dioica* Sch. Bip.**

Chile. Lechler 134, IV.1852. Type. - Chile, Valdivia. Lechler 392,
15.XI.1850. Type.

***Soliva valdiviana* Phil.**

[Chile] Valdivia. Philippi s. n. Type.

***Sonchus agrestis* Sw.**

[West Indies] Ind. occ. Swartz s. n. Type.

- Sonchus schweinfurthii* Oliv. & Hiern var. *camporum* R. E. Fries
Kenya occid., Mt. Aberdare, pr. Forest Station, 2300 m. Fries & Fries 513
b, 12.I.1922. Type.
- Spaniopappus ekmanii* Robins.
Cuba, prov. Oriente, prope Baracoa. Ekman 3975, 17-18.XII.1914. Type.
- Sphaeranthus epigaeus* Schinz
Africa austro-occidentalis, Amboland, Ombalambuenge. Rautanen 196,
1896. Isotype.
- Sphaeranthus similis* Kers
Angola, Huila distr., road Rocadas-Sa da Bandeira, near Humbe. Kers
3260, 18.IV.1968. Holotype.
- Sphenogyne eckloniana* Sond.
[South Africa] Cape, Bäche der 4 Höhe an die Kleinriviersberge. Ecklon s.
n., 25.XI. Type.
- Spilanthes abyssinica* Sch. Bip.
Abyssinia [Ethiopia], ad aquas et in pratis humidis prope Adoam. Schimper
134, 11.VI.1837. Isotype.
- Spilanthes arnicoides* DC. var. *intermedia* Chodat
Paraguay. Hassler 8273. Isotype.
- Spilanthes disciformis* Robins. var. *phaneractis* Greenm.
Mexico, Michoacan, swamps, Zamora, 5000 ft. Pringle 8637, 24.VII.1902.
Isolectotype.
- Spilanthes filipes* Greenm.
Mexico, Yucatan, Buena Vista Xbac. Gaumer 1122. Isotype.
- Spilanthes mandonii* Sch. Bip.
Bolivia, Larecaja, Sorata. Mandon 63, 1858-1859. Isotype.
- Spilanthes nervosa* Chodat
Paraguay. Hassler 8274. Isolectotype.
- Spilanthes ocyimifolia* (Lam.) A. H. Moore f. *radifera* A. H. Moore
Colombia, Santa Marta. Smith 513, 1898-1901. Isotype.
- Spilanthes uliginosa* Sw.
[West Indies] Ind. occ. Swartz s. n. Type. - Jamaica. Swartz s. n. Type.
- Spilanthes urens* Jacq. f. *lanea* A. H. Moore
Brazil, Lagoa Santa. Warming s. n. 6.X.1864. Isotype.

Stemmatella congesta Wedd.

Bolivia, Larecaja, Sorata. Mandon 293. Isotype.

Stenocline chionaea DC.

Brazil. Martius 773. Type. - Brazil. Coll. ignot. (misit A. Richard). Type.

Stenocline gardneri Baker

Brazil, Minas Geraes. Gardner 4934. Type.

Stenopadus neblinensis Maguire & Wurdack

Venezuela, Cerro de la Neblina, Rio Yatua, Territorio de Amazonas.
Wurdack & Maguire 42516, 25.XII.1957. Isotype.

Stenotus borealis Rydb.

Yukon Terr., foot of Lake Lebarge. Tarleton 51, 23.VI.1899. Type
fragment and photograph.

Stevia amplexicaulis Hassler

Paraguay. Hassler 10111a. Type.

Stevia apensis Robins.

Paraguay, in regione calcare superioris fluminis Apa. Hassler 11079, 1912-13. Isotype.

Stevia aristata D. Don ex Hook. & Arn. var. *villaricensis* Robins.

Paraguay, Villarica. Jorgensen 4267. Isotype.

Stevia camacharensis Hieron.

Bolivia, Camacho. Fiebrig 2868a/pp, 1904. Type.

Stevia chacoensis R. E. Fries

Bolivia, Gran Chaco. Fries 1388, 17.III.1902. Type.

Stevia copiosa Koster

Bolivia, in der Dornbuschsteppe zwischen Pulquina arriba und Comarapa.
1900 m alt. Herzog 1800, IV.1911. Type.

Stevia cruziana Malme

Brazil, Rio Grande do Sul, Cruz Alta. Malme 786, 17.IV.1893. Type.

Stevia cuneata Hassler

Paraguay, Sierra de Amambay. Hassler 10286. Isotype.

Stevia eclipses Robins.

Bolivia, Pinos bei Tarija. 2300 m. Fiebrig 3126, 10.III.1904. Isotype.

Stevia entleriensis Hieron.

Uruguay, Concepcion. Lorentz s. n., 9.V.1877. Type.

Stevia estrellensis Hassler

Paraguay, Sierra de Amambay. Hassler 10196. Isotype.

Stevia grandidentata Sch. Bip.

Bolivia, Prov. Larecaja, Sorata. Mandon 245, V.1860. Type.

Stevia guarantica Chodat

Paraguay. Hassler 6617. Isotype.

Stevia hyptifolia Gardner

[Brazil] Goyaz. Gardner 4203. Type.

Stevia mandonii Sch. Bip.

Bolivia, Prov. Larecaja, Sorata. Mandon 246, III.IV.1860. Type.

Stevia organensis Gardner

[Brazil] Organ Mountain. Gardner 512. Type.

Stevia procumbens Hieron.

Argentina, Los Potreros al Pié del Nevado del Castillo, Prov. de Salta.
Lorentz & Hieronymus 175, 18.III.1873. Type.

Stevia rojasii Hassler

Paraguay, in campis siccis Estrella. Hassler 10185. Type. - Paraguay, in
campis siccis Punte Pará. Hassler 10375. Type.

Stevia tarijensis Hieron.

Bolivia, Tarija, 3000 m. Fiebrig 2647, 23.I.1904. Type.

Stevia vaccinoides Koster

Bolivia, an Felsen des 'Fuerte' bei Samaipata. Circa 1900 m alt. Herzog
1770, III.1911. Type.

Stiffia uniflora Ducke

Brazil, Santa Izabel, Rio Negro (civ. Amazonas). Ducke 24148,
10.XII.1931. Type.

Stoebe cyathuloides Schltr

[South Africa] Terra Capensis, Reg. Occidentalis, Rietfontein Poort, 200 ft.
Schlechter 9676, 10.XII.1896. Type.

Stoebe elgonensis Mattf.

East Africa, Mt. Elgon 13000 ft. Lindblom s. n., 10.VI.1920. Type.

Stoebe gomphrenoides Berg.

[South Africa] E Cap. b. Sp. Grubb s. n. Isotype.

Stoebe humilis Levyns

[South Africa] Cape prov., Caledon distr., Palmiet river mouth 1000 ft.
Levyns 5369, II.1936. Isotype.

Stoebe sphaerocephala Schltr

[South Africa] Terra Capensis, Reg. Occidentalis, Vogelgat, 50 ft.
Schlechter 9523, 30.XI.1896. Type.

Styloncerus cylindraceus Steetz

[Western Australia] Sinus regis Georgii III. Preiss 41, XI.1840. Isotype.

Symphiopappus lymansmithii Robins.

Brazil, Sao Paulo State, Estação Biologica, Alta da Serra. Smith 1914,
15.II.1929. Type.

Syncephalum tsinjoarivense Humbert

Madagascar, Environs de Tsinjoarivo (Centre). Humbert 11182, X.1933.
Isotype.

Syncretocarpus weberbaueri Blake

Peru, Mts. near Chasica. Weberbauer 5356, IV.1910. Type.

Tagetes jaliscensis Greenm.

Mexico, Jalisco, mountains above Etzatlan. Pringle 8768, 2.X.1903. Type.

Tagetes mandonii Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 68, II-VI.1859. Type.

Tagetes parryi Gray

Mexico, San Luis Potosi to Tampico. Palmer 504, 1878. Type.

Tagetes pringlei Watson

Mexico, Chihuahua, wet places, base of Sierra Madre. Pringle 1643,
26.IX.1888. Type.

Tagetes stenophylla Robins.

Mexico, Michoacan, sandy fields, Uruapan, 5000 ft. Pringle 10361,
25.I.1907. Type.

Tagetes triradiata Greenm.

Mexico, Federal distr., Pedigral (lava beds), Valley of Mexico, 7500 ft.
Pringle 6592, 12.X.1896. Type.

Tanacetum acutilobum DC.

[South Africa] Cape, Garip, bei Verleptpram, am Ufer des Flusses und in der steinigen Niederungen, 500 ft. Drège s. n., IX. Isotype.

Tanacetum compactum Hall

USA, Nevada, Clark Co., Charleston Peak, 3350-3500 m. Clokey 7769, 8.VIII.1935 & 6.VIII.1937. Topotype.

Tanacetum huronense Nutt. var. *floccosum* Raup

Canada, Saskatchewan, Lake Athabasca, vicinity of Wolverine Pt. Raup 6719, 30.VII.1935. Isotype. - Canada, Saskatchewan, Lake Athabasca, just E of Ennuyeuse Creek. Raup 6912, 20.VIII.1935. Paratype.

Tanacetum karataviensis Kovalevsk

Kazachstania, ad fontes fl. Arystandy in montibus Karatau. Mokeeva & Popov s. n., 23.VI.1924. Isotype.

Tanacetum submarginatum Kovalevsk

Uzbekistania, ad decliva saxosa montis Tschimgan Majoris, 1800 m. Gomolitzky s. n. Isotype.

Tanacetum tortuosum DC.

[South Africa] Cape, Witbergen, 7000-8000 ft. Drège s. n. Isotype.

Taraxacum. Please note that most types of this genus, especially species described from Scandinavia, have not been included in this data base.

Taraxacum andinum Dahlst.

Argentina, prov. Mandoza, Aconcagua. Malme 2865, 31.I.1903. Type.

Taraxacum fernandezianum Dahlst.

[Chile] Juan Fernandez, Masafuera, Kolonien. Skottsberg & Skottsberg 122, 11.XII.1916. Type. -[Chile] Juan Fernandez, Masafuera. Skottsberg & Skottsberg 528, 27.I.1917. Cotype.

Taraxacum fulvipilis Harv.

[South Africa, Cape Prov.] between Los Tafelberg and Wildschuttsberg. Drège 6176. Holotype.

Taraxacum magellanicum Sch. Bip. var. *lobatum* Dahlst.

[Argentina] Santa Cruz. Dusén 5581, 12.I.1905. Type.

Taraxacum rhusiocarpum Dahlst.

[Argentina] Patagonien. Borge 354, 31.III.1899. Type.

Taraxacum septentrionale Dahlst.

Sweden, Ångermanland, Sollefteå, Österåsen, nipan vid Faxelfven. Pleijel s. n., 27.V.1911. Lectotype.

Tarchonanthus trilobus DC.

[South Africa] Cape, Omtendo, am felsigen Uferrand bei der Mündung. Drège s. n., V. Type.

Tetranthus cupulatus Urban

Santo Domingo, Paradiso prope Barahona in litore arenosa. von Türkheim 2712, XII.1909. Type.

Tetranthus littoralis Sw.

Hispaniola. Swartz s. n. Type.

Thaminophyllum latifolium Bond

South Africa, Cape, 3419 Caledon, Fernkloof Nat. Res. Hermanus. Orchard 270, 21.X.1974. Isotype.

Tolpis ephemera R. E. Fries

Kenya occid., Mt. Aberdare, pr. Forest Station, 2300 m. Fries & Fries 301, 25.XII.1921. Isotype.

Tolpis nemoralis Font Quer ex Maire

Morocco, hab. in quercetis fagineae supra Mexerah, ad 600 m. Font Quer 714, 3.V.1930. Isotype.

Tolpis quadriaristata Bivona

Palermo. Tineo s. n. Neotype.

Tolpis umbellata Bertol.

Sarzana. Swartz s. n. Type.

Tortuella abietifolia Urban & Ekman

Hispaniola, Haiti, Ile la Tortue, coral reef of the northern coast, near Mare-Rocker. Ekman H 4119, 24.V.1925. Type.

Tracyina rostrata Blake

USA, California, Humboldt Co., Alder Point. Tracy 4735, 20.VI.1916. Isotype.

Tragopogon eriospermum Tenore

Loco ignoto. Tenore s. n. Isotype.

Tragopogon kotschyi Boiss.

Loco ignoto. Kotschy s. n. Isotype.

Tragopogon longifolius Boiss. & Heldr.

Greece. In pascuis maritimis ad Phalerum inter Juncos. Heldreich 396, VII.1855. Type.

Tragopogon miscellus M. Ownbey

[USA, Washington, Pullman]. Cultivated at Kew (K. 3654), 31.IV.1951. Topotype.

Tragopogon pommaretii F. Schultz

France. Prairies des terrains calcaires à Pommaret près d'Agen (Lot-et-Garonne). de Pommaret s. n., 28.IV & 20.V.1861. Isotype.

Tragopogon samaritanii Heldr. & Sart.

Greece. In m. Parnethi Atticae, 4000 ft, nec non in m. Parnasso pr. Gourná, 3000-4000 ft. Heldreich 690 (Parnès), 1857. Topotype.

Trichocline arenaria Baker

Brazil, Minas Geraes. Gardner 4956. Type.

Trichocline denticulata Baker

Brazil, Rio de Janeiro, Alto de Serra do Orgaos. Glaziou 6031. Type.

Trichocline linearifolia Malme

Brazil, Paraná, Tamandua. Dusén 7714, 1.II.1909. Type.

Trichogonia attenuata G. M. Barroso

Brazil. Macedo 1598, 6.II.1949. Type.

Trichogonia rhodotricha Malme

Brazil, Capas Grande in campo. Dusén 4167, 14.III.1904. Type.

Trichogonia salicifolia Gardner var. *calva* Gardner

Brazil, Minas Geraes. Gardner 4839. Type.

Trichogyne glomerata Harv.

[South Africa] Zeyher 119.9. Holotype.

Trichogyne paronychoides DC.

[South Africa] Cape, Zilverfontein, an felsigen Oerten, 2000-3000 ft. Drège s. n., IX.-X. Type.

Tridax angustifolia Spruce

Ecuador, in Andibus. Spruce 5582, 1857-1859. Isotype.

Tridax dubia Rose

Mexico, State of Colima, Colima. Palmer 73, VII-VIII. 1897. Topotype.

Tridax palmeri A. Gray var. *indivisa* Robins. & Seam.

Mexico, Jalisco, Canyon ledges, mountains near Lake Chapala. Pringle 4332, 18.XI.1892. Isotype.

Tridax platyphylla Robins.

Mexico, Guerrero, river ledges, Balsas Station, 2000 ft. Pringle 10075, 27.IX.1905. Isotype.

Tridax tenuifolius Rose var. *microcephalus* Rose

Mexico, Lodiago. Palmer 1611, 9-25.X.1891. Isotype.

Trigonopterum ponterii Andersson

Galapagos, in insula Chartes. Andersson s. n., 1852. Lectotype.

Trigonospermum annuum McVaugh & Laskowski

Mexico, Jalisco, barranca of Tequila. Pringle 4568, 4.X.1893. Isotype.

Trigonospermum floribundum Greenm.

Mexico, Morelos, Sierra de Tepoxtlán, 7500 ft. Pringle 9179, 4.XI.1900. Isotype.

Tripolium uniflorum Phil.

[Chile] Philippi s. n., 1865. Type.

Tripteris aghillana DC. var. *integrifolia* Harv.

Herb. Sonder. Lectotype.

Tripteris linearis Harv.

Herb. Sonder. Holotype.

Triptilion dusenii O. Hoffm.

Chile, Los Angeles. Dusén s. n., 29.X.1896. Type.

Trixis bowmanii Baker

[Brazil] Gardner 5794. Type.

Trixis denticulata Dusén

Brazil, Paraná, Curityba. Dusén 6793, 7.X.1908. Type.

Trixis erosa Sw.

[West Indies] St. Christ. Masson s. n. Type.

Trixis hassleri Chodat

Paraguay, Apa. Hassler 8318, XII. Isotype.

Trixis rigida Koster

Bolivia, in den Geröllalluvionen der Ebene von Cochabamba. Herzog 2078, V.1911. Type.

Trixis therebinthinacea Sw.

Jamaica. Swartz s. n. Type.

Trixis thyrsoides Dusén

Brazil, Paraná, Rio Branco. Dusén 13836, 27.II.1912. Type.

Trixis verbasciformis Less. var. *intermedia* Malme

Brazil, Minas Geraes, Caldas. Regnell II 173, 8.II.1865. Lectotype.

Tussilago albicans Sw.

Jamaica. Swartz s. n. Type ?

Tussilago pumila Sw.

Jamaica. Swartz s. n. Type.

Ursinia merxmuelleri Prassler

South Africa, Cape, Worcester div., Mosterts Hoek Twins, in 'Green gullies' on the S. slopes. Esterhuysen 28915, 26.II.1961. Isotype.

Ursinia oreogena Schltr ex Prassler

[South Africa] Terra Capensis, reg. occidentalis, French Hoek, 2500 ft. Schlechter 9294, 12.XI.1896. Type.

Vanillosmopsis erythropappa Sch. Bip.

Brazil, prov. Minas Geraes. Regnell III 670, 24.VIII.1865. Type. - Brazil, prov. S. Paulo. Regnell III 670*, V.1848. Type. - Brazil. Regnell III 670a. Type.

Verbesina arnotti Baker var. *tomentosa* Chodat

Paraguay, Piribebuy. Hassler 6591, XII. Type.

Verbesina ciliata Schum.

E Guinea. Thonning s. n. Type.

Verbesina costata Fay

Mexico, Guerrero, about 25 km N of Tierra Colorada, 900 m. Cronquist & Fay 10849, 27.X.1970. Isotype.

Verbesina cunningii Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 56, VII-VIII.1858. Type.

Verbesina domingensis Urban

[Dominican Republic] Domingensis, prov. Barahona. Fuertes 845, VI.1911. Holotype.

Verbesina ekmanii Urban

Hispaniola, Haiti, Massif des Matheux, l'Arcahaie, Morne Delpech. Ekman H 9326, 14.XI.1927. Type.

Verbesina flavovirens R. E. Fries

Bolivia, Tarija. R. E. Fries 1222, 1.III.1902. Type.

Verbesina floribunda Gardner

[Brazil] Minas Geraes. Gardner 4927. Type.

Verbesina gentryi Standl.

Mexico, Guasaremos, Rio Mayo, Chihuahua. Gentry 2416, 23.VIII.1936. Isotype.

Verbesina gracilipes Robins.

Mexico, Puebla, Tufa bluffs near Tehuacan, 5600 ft. Pringle 8582, 1.VIII.1901. Isotype.

Verbesina heterocarpa Blake

Mexico, Jalisco, Real Alto, Sierra Madre, 2500 m. Mexia 1587, 29.I.1927. Cotype.

Verbesina killipii Blake

Colombia, dept. Santander, between Piedecuesta and Las Vegas, at 1200 to 2000 m. elevation. Killip & Smith 15460, 19.XII.1926. Type.

Verbesina litoralis Urban & Ekman

Hispaniola, Santo Domingo, Cordillera Central, prov. de Samaná, Los Haitises. Ekman H 15503, 29.VI.1930. Isotype.

Verbesina mandonii Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 57, I-III.1860. Type.

Verbesina molinaria Robins. & Greenm.

Mexico, Morelos, under bluffs of barranca above Cuernavaca, 6500 ft. Pringle 6600, 1.XI.1896. Isotype.

Verbesina monticola Hook. f.

West Trop. Africa. Mann 1922, 1859-1863. Isotype.

Verbesina mutica Sw. (see *Chrysanthellina swartzii* Cass.).

Verbesina oncophora Robins. & Seam.

Mexico, State of Mexico, Sierra de las Cruces. Pringle 4310, 21.X.1892.
Syntype.

Verbesina pinnatifida Sw.

[West Indies] Ind. occ. Swartz s. n. Type. - Jamaica. Swartz s. n. Type.

Verbesina pringlei Robins.

Mexico, Jalisco, dry rocky bluffs of barranca near Guadalajara. Pringle 3845, 12.IX.1891. Isotype.

Verbesina semiserrata Sch. Bip. ex Baker

Brazil, Jundrahay. Lund s. n. Type.

Verbesina soratae Sch. Bip.

Bolivia, Larecaja, Sorata. Mandon 55, 1858. Type.

Verbesina sordescens DC. var. *glabrata* Chodat

Paraguay, Tapiraguay. Hassler 5962, XII. Type.

Verbesina sousae Fay

Mexico, Chiapas, 13 miles E of Tanatepec, not far from the border of Oaxaca, 2300 ft. Cronquist & Sousa 10456, 31.X.1965. Isotype.

Verbesina trilobata Robins. & Greenm.

Mexico, Oaxaca, rocky gulches, Monte Alban, 5600 ft. Pringle 4875, 15.VIII. & 4.X.1894. Isotype.

Verbesina wrightii Griseb.

Cuba Orientali. Wright 1317, 1859-1860. Type.

Vernonia acutangula Gardner

Brazil. Gardner 6044. Type.

Vernonia acuminata Less.

[West Indies] Ind. occ. Swartz s. n. Holotype.

Vernonia afromontana R. E. Fries

E Africa, Mt Elgon, 7500 ft. Lindblom s. n., 28.V.1920. Type.

Vernonia albiflora Gardner

Brazil, Minas Geraes. Gardner 4767. Type.

Vernonia amoena Ekman

Argentina, Misiones, Posadas, Bonpland. Ekman 1162, 20.I.1908. Type.

- Vernonia amplexicaulis* R. E. Fries
Argentina, prov. Juyuy. Fries 249, 19.VII.1901. Type.
- Vernonia angustissima* Wright ex Ekman
Cuba. Wright 2786. Isotype.
- Vernonia apiculata* Mart.
Brazil, Goyaz. Gardner 4176. Type.
- Vernonia arachniolepis* Ekman & Dusén
Brazil, Parana. Dusén 14916, 7.V.1914. Type. - Brazil, Parana. Dusén
16301, 10.I.1915. Type. - Brazil, Parana. Dusén 18031, 28.III.1916. Type.
- Vernonia araripensis* Gardner
Brazil, prov. Ceara. Gardner 1714. Type.
- Vernonia arenaria* Mart.
Brazil, Piauh. Gardner 2199. Type.
- Vernonia aurea* Mart.
Brazil, Goyaz. Gardner 3258. Type.
- Vernonia auriculata* Griseb.
Bolivia, Tarija. Lorentz & Hieronymus 874, 11.VI.1873. Type.
- Vernonia barbata* Less.
Brazil, Minas Geraes. Gardner 4799, 1840 ?. Type.
- Vernonia barkeri* Ekman & Urban
Hispaniola. Haiti, Plaine Cul-de-Sac, Ganthier, riverbed of Rivière
Blanche, c. 200 m. Ekman 7351, 12.XII.1926. Holotype.
- Vernonia baumii* O. Hoffm.
Kunene-Sambesi exp., bei Kassinga, 1325 m. Baum 929 a, 19.V.1900.
Type.
- Vernonia borinquensis* Urban
Puerto Rico. Maricao. Sintenis 388, 12.XI.1884. Holotype.
- Vernonia bradeana* Barroso
[Brazil] Minas Gerais, Serra do Caparó. Brade 16924, 13.IX.1941. Isotype.
- Vernonia carduoides* Baker
[Brazil] Prov. Goyaz. Gardner 4192. Type.
- Vernonia chrysophylla* Gardner
[Brazil] Prov. Goyaz. Gardner 3255. Isotype.

Vernonia chrysostricha Alexander

British Guiana. Northwestern portion of Kanuku Mountains, Mount Iramaikpang. Smith 3648, 22.IV.1938. Type.

Vernonia complicata Wright ex Griseb.

Cuba. Wright 2790, 1860-1864. Isotype.

Vernonia crotonoides Sch. Bip.

Brazil, Minas Geraes. Claussen 281, 1840. Type.

Vernonia declivium Malme

Brazil, Matto Grosso, Serra da Chapadas. Malme 165 b, 2.VI.1894. Type.

Vernonia decumbens Gardner

[Brazil] Rio de Janeiro. Organ Mount. Gardner 517. Type.

Vernonia densiflora Gardner

[Brazil] Rio de Janeiro. Organ Mount. Gardner 476. Type.

Vernonia desiliens Gleason

Cuba. Arrayo del Medio, above the falls, Sierra Nipe, Oriente. Shafer 3232, 20.I.1910. Isotype.

Vernonia dichotoma Sch. Bip.

[Brazil] Minas Gerais, Serra do Caparó. Brade 16973, 18.IX.1941. Type.

Vernonia divaricata Sw.

Jamaica. Swartz s. n. Holotype.

Vernonia dumeta Klatt

Costa Rica. Tonduz 8764. Type.

Vernonia dusenii Malme

Brazil. Paraná. Dusén 16959, 1.IV.1915. Type.

Vernonia echioides Less. f. *sublaevigata* Malme

Brazil. Paraná. Dusén 4017, 3.III.1904. Lectotype.

Vernonia ekmanii Urban

Hispaniola. Haiti, Dép. du Sud. Ekman 223, 11.VI.1917. Holotype.

Vernonia elegans Gardner

[Brazil] Prov. Goyas, near Villa de Arrayas. Gardner 3796. Type.

Vernonia emarginata Wikström

Guadeloupe. Forsström s. n. Type.

- Vernonia eriolepis* Gardner
[Brazil] Prov. Ceará Serra de Araripe. Gardner 1718. Type.
- Vernonia filigera* Oliv. & Hiern
Abyssinia [Ethiopia], Gaffat am Ufern, 8100 ft. Schimper 1530,
10.XII.1863. Isotype.
- Vernonia floccosa* Gardner
[Brazil] Minas Geraes, Gardner 4786. Type.
- Vernonia florida* Gardner
[Brazil] Minas Geraes, Diamond District. Gardner 4803. Type.
- Vernonia frutescens* Glaz.
Brazil. Goyaz. Glaziou 21593. Type.
- Vernonia fruticulosa* Mart.
[Brazil] Prov. Goyaz. Gardner 4179. Type.
- Vernonia fulva* Griseb.
Argentina. Oran. Lorentz & Hieronymus, 21.X.1873. Isotype.
- Vernonia germinata* Less.
Brazil. Coll. ignot. 1835 (misit A. Richard). Type.
- Vernonia giannasii* Stutts
Ecuador. Prov. Morona-Santiago, camino Cuenca - General Plaza (Limón).
Sparre 18731, 19.IX.1967. Holotype.
- Vernonia glabrata* Less. var. *cuneifolia* Chodat
Paraguay. Hassler 8008a. Isotype.
- Vernonia glabrata* Less. var. *puberula* Chodat
Paraguay. Balansa 778a, 1874. Type.
- Vernonia gochnatioides* Hook. et Arn. ex DC.
Uruguay. Departamento de Colonia. Cabrera 3882, 13.XI.1936. Isoneotype.
- Vernonia graminifolia* Gardner
[Brazil] Province of Goyaz. Near Villa de Arrayas. Gardner 3799. Type.
- Vernonia grisea* Baker
[Brazil] Prov. Piauh. Gardner 2200. Type.
- Vernonia grisebachii* Sch. Bip.
Cuba. Wright 1305, I-II.1859. Isotype.

Vernonia harrisii S. Moore

Jamaica. Peckham Woods, Upper Clarendon. Harris 12776, 27.XII.1917.
Isotype.

Vernonia hieracioides Griseb.

Cuba. Wright 1306. Isotype.

Vernonia hoveaefolia Gardner

[Brazil] Prov. Goyaz, near Villa de Arrayas. Gardner 3792. Type.

Vernonia hypochlora Malme

Brazil, Paraná, Jaguariahyra, in campo. Dusén s. n. 9.X.1911. Syntype. -
Brazil, Paraná, Ponto Grosso, in campo. Dusén 16018, 14.XI.1914.
Syntype. - Brazil, Paraná, Serrinha, in campo. Dusén 6867, 10.X.1908.
Syntype. - Brazil, Paraná, Serrinha, in campo. Dusén 8566, 12.X.1909.
Syntype. - Brazil, Paraná, Serrinha, in campo. Dusén s. n., 26.XI.1912.
Syntype. - Brazil, Paraná, Serrinha, in campo. Jönsson 1059a, 8.X.1914.
Syntype. - Brazil, Paraná, Tamanduá, in campo. Dusén 10793, 24.XI.1910.
Syntype.

Vernonia inaequiserrata Sch. Bip.

Cuba. Wright 285. Isotype.

Vernonia jenssenii Ekman & Urban

Cuba, prov. Oriente, in hills near Rio Sagua. Ekman 8261, 7.XI.1916.
Holotype.

Vernonia lehmannii Hieron.

Colombia, Candenawavea. Lehmann 7482. Isotype.

Vernonia lepidifera Chodat

Paraguay. Hassler 5784. Isotype.

Vernonia linearis Spreng.

[Brazil] Minas Geraes. Diamond Dist. Gardner 4797. Type.

Vernonia linguaefolia Ekman

Cuba. Wright 285, 1860-1864. Isotype.

Vernonia linosyriifolia Chodat f. *major* Chodat

Paraguay, in campo Carimbatay. Hassler 4538. Isotype.

Vernonia longi-angustata Barroso

Brazil, Esperito Santo. Brade 18328, 20.V.1946. Isotype.

Vernonia longifolia Pers.

Loco ignoto. Coll. ignot. Type.

Vernonia longifolia Pers. var. ***vahliana*** Urban

Puerto Rico. Sintenis 3727, 10.II.1886. Isolectotype.

Vernonia maestralis Ekman & UrbanCuba, prov. Oriente, Sierra Maestra, La Bayanesa. Ekman 7211, 5.V.1916.
Holotype.***Vernonia miersiana*** Gardner

[Brazil] District Rio Preto, Prov. Pernambuco. Gardner 2892. Type.

Vernonia monocephala Gardner ssp. ***irwinii*** S. B. JonesBrazil, Estado de Bahia, Cerrado, Rio Piau, ca. 225 km S.W. of Barreiras
on road to Posse, Goias. Irwin et al. 14686, 12.IV.1966. Isotype.***Vernonia nematophylla*** Ekman & UrbanCuba, prov. Oriente, Sierra Maestra, near Alto Gracia, on the trail to
Bacanao, in the thickets. Ekman 8189, 4.XI.1916. Holotype.***Vernonia oreophila*** Malme

Brazil, Matto Grosso, Serra da Chapada. Malme 1700, 18.VI.1894. Type.

Vernonia oxyodonta Malme

Brazil, Rio Grande do Sul, Cruz Alta. Malme 1091a, 8.I.1902. Type.

Vernonia palustris Gardner

[Brazil] Minas Geraes. Gardner 4777. Type.

Vernonia parvuliceps Ekman

Cuba. Wright 2788. Holotype.

Vernonia perangustata Malme

Brazil, Paraná, Fortaleza, in subpaludosis. Dusén 9552, 26.II.1910. Type.

Vernonia perfoliata Ekman

Paraguay, San Salvador. Anisits 2840, XII.1898. Type.

Vernonia petiolaris DC. var. ***appendiculata*** BakerBrazil, Prov. Minas Geraes, Caldas. Regnell III 655, 13.VIII.1862.
Holotype.***Vernonia petuliflora*** Rusby

Bolivia, Coroico. Bang 2396, 23.VIII.1894. Isotype.

Vernonia polyanthes Less. var. *tijucana* Glaz.

Brazil, Rio de Janeiro, Floresta da Tijuca at Pedra Bonita. Glaziou 11043, XI.1879. Type.

Vernonia potrerillona Ekman & Urban

Cuba, prov. Sta. Clara, mountains of the Siguanéa-Trinidad group, Cito Potrerillo, c. 1000 m. Ekman 18956, 30.III.1924. Holotype.

Vernonia praestans Ekman & Urban

Cuba, prov. Oriente, Sierra Maestra, Pico Turquino. Ekman 5508, 18.IV.1915. Holotype.

Vernonia punctata Sw. ex Wikström

Guadeloupe. Forsström s. n. Holotype.

Vernonia quindecimflora Sch. Bip.

Bolivia, Prov. Larecaja, Sorata. Mandon 235, 1858-1859. Type.

Vernonia reedi Ekman & Urban

Cuba, prov. Santa Clara, Lomas del Banao, El Curial, on Rio Banao. Ekman 16227, 27.I.1923. Holotype.

Vernonia remotiflora Rich. f. *angustifolia* Griseb.

Cuba. Wright 2786, 1860-1864. Isotype.

Vernonia rigescens Malme

Brazil, Matto Grosso, Santa Anna da Chapada. Malme 1462, 7.III.1894. Type.

Vernonia robusta Glaz.

Brazil, Goyas. Glaziou 21626. Isotype.

Vernonia rupestris Gardner

[Brazil] Rio de Janeiro. Organ Mount. Gardner 5771. Type.

Vernonia saepium Ekman

Hispaniola. Haiti, Dép. du Sud, Morne de la Hotte ad Ma Blanche prope Douyette communis. Ekman H 463, 7.VIII.1917. Holotype.

Vernonia sceptrum Chodat

Paraguay, Carimbatay. Hassler 5828. Isotype.

Vernonia sericea Rich. ssp. *racemosa* (Delpon) Ekman var. *angustifolia* Ekman

Hispaniola. Haiti, Massif de la Selle, Nouvelle Terraine, ridges above Chapelle Faure. Ekman H 1653, 27.VIII.1924. Holotype.

Vernonia sevellana Cuatrec.

Ecuador, Prov. Azuay, The eastern Cordillera, 1-8 km north of the village of Sevilla de Oro. Camp E-4607, 27.VII-12.VIII.1945. Isotype.

Vernonia simplex Less. var. *latifolia* Less.

[Brazil] Prov. Goyas. Gardner 3251. Isonotype.

Vernonia simplex Less. var. *regnellii* Baker

Brazil, Prov. Minas Geraes. Caldas. Regnell III 656a, 3.X.1866. Isolectotype.

Vernonia sparrei Robins.

Ecuador, Prov. Loja, Nudo de Cajanuma, ca. 6 km S Loja, shrub forest, c. 2400 m. Sparre 16056, 14.V.1967. Holotype.

Vernonia stenophylla Less.

[Dominican republic] Domingo, Prov. Barahona. Fuertes 1392, IX.1911. Neotype.

Vernonia stricta Gardner

Brazil. Gardner s. n. Type.

Vernonia subcordata Gardner

Brazil, Minas Geraes, Diamond District. Gardner 4794. Type.

Vernonia subobscura Malme

Brazil, Matto Grosso, Cuyaba. Malme s. n., 27.III.1894. Type.

Vernonia subpaludosa Malme

Brazil, Paraná, Jaguarihyva, in campo cerrado. Dusén 16178, 27.XII.1914. Type.

Vernonia subscandens R. E. Fries

Kenya, Mt Kenya sept.-orient., silva montana pr. Meru. Fries & Fries 1620, 16.II.1922. Type.

Vernonia sumbawensis Koster

India Orientalis, Soembawa. Mt. Tambora, 1900 m. Blomberg s. n., IX.1941. Type.

Vernonia trichoclada Gleason

Peru, La Merced, Hacienda Schunke. Macbride 5775, 27.VIII-1.IX.1923. Isotype.

Vernonia trinitatis Ekman

Trinidad. Coll. ignot. (Hart misit). Holotype.

Vernonia urbaniana Glaz.

Brazil, Goyas. Glaziou 21660. Isotype.

Vernonia urbaniana Ekman & Urban

Cuba, prov. Oriente, Sierra de Nipe, in thickets near Rio Piloto. Ekman 10083, 10.XI.1919. Holotype.

Vernonia valenzuelae Chodat

Paraguay. Hassler 6996. Isotype.

Vernonia valenzuelana Rich.

Cuba. de la Sagra s. n. Isotype.

Vernonia velutina Glaz.

Brazil, Goyas. Glaziou 21632. Type.

Vernonia viminalis Gleason

Cuba. Wright 285. Isotype.

Vernonia viminea Ekman

Brazil, Paraná, Capao Grande, in campo. Dusén 7677, 3.II.1909. Type.

Vernonia virentiformis Malme

Brazil, Matto Grosso. Malme s. n., 13.VI.1903. Isotype.

Vernonia westermanii Ekman et Dusén

Brazil, Paraná, Jaguarihyva. Dusén 16400, 15.I.1915. Type.

Veslingia scabra Vis.

Sudan, Fazokel, Tumad, Kassan (Flor. aethiopica). Kotschy 501, 1837-1838. Isolectotype.

Viguiera bakeriana Blake

Brazil, Lagoa Santa. Warming s. n. Type.

Viguiera corumbensis Malme

Brazil, Matto Grosso, Corumbá. Malme s. n., 11.IV.1903. Type.

Viguiera discolor Baker

Brazil, Minas Geraes, Uberava. Regnell III 771, IX.1848. Type.

Viguiera dissitifolia Baker

Brazil, Lagoa Santa. Warming s. n. Type.

Viguiera fusiformis Blake

Bolivia, La Paz. Buchtien 808, 20.II.1830. Type. - Bolivia, Larecaja, Sorata. Mandon 49, 1858-1859. Type.

Viguiera hispida Baker

Brazil, Minas Geraes, cidade Uberava. Regnell III 773, 16.XI.1848.
Isotype.

Viguiera lanceolata Britton

Bolivia, Larecaja, Sorata. Mandon 85, 1857-1858. Type.

Viguiera linearifolia Chodat

Paraguay, Ipé-hu. Hassler 4959. Isotype.

Viguiera macbridei Blake

Peru, Huacachi, estacion near Muna. Macbride 4078, 20.V-1.VI.1923.
Type.

Viguiera malmei Blake

Brazil, Rio Grande do Sul. Malme 794, 20.IV.1893. Type.

Viguiera megapotamica Malme

Brazil, Rio Grande do Sul, Cachoeira. Malme 922, 3.I.1902. Type.

Viguiera mima Blake

Guatemala. Bernoulli & Cario 1520, 1875. Cotype.

Viguiera nudibasilaris Blake

Brazil, Minas Geraes. Regnell III 772, III.1865. Type. - Brazil, Minas
Geraes. Widgren s. n., 1845. Type.

Viguiera pringlei Robins. & Greenm.

Mexico, Jalisco, near Zapotlan. Pringle 4365, 12.V.1893. Isotype.

Viguiera radula Blake

Brazil, Minas Geraes, Caldas. Regnell I 190x, IV.1865. Type.

Viguiera trichophylla Dusén

Brazil, Paraná, Rio Tibagy. Dusén 3488, 7.I.1904. Type.

Wedelia bishoppii H. Robinson

Brazil, Planalto, Cerrado, campo and cerrado ca. 15 km E of Lago Paranoá.
Irwin et al. 26607, 25.II.1970. Paratype.

Wedelia gracilis Rich.

Cuba. Wright 2852, 1860-1864. Type.

Wedelia heterophylla Rusby

Colombia, Santa Marta, near Cacagualito, 1500 ft. Smith 515, 15.XI. Type.

Wedelia regis H. Robinson

Brazil, Planalto, Serra dos Pirineus, in cerrado, 15 km N of Corumba de Goias on road to Niquelandia. Irwin et al. 18596, 14.I.1968. Paratype.

Wedelia ringoeti de Wild.

Congo Belge. Type fragment.

Wedelia scandens Gardner

[Brazil] Rio de Janeiro. Gardner 5523. Type.

Wedelia souzae H. Robinson

Brazil, Estado de Goias, Chapada dos Veadeiros, Campo on rocky slopes c. 10 km W of Alto do Paraíso. Irwin et al. 24974, 24.III.1969. Type.

Wedelia symmetrica Rusby

Colombia, Santa Marta, Cinto on the north coast. Smith 1975, 22.III. Isotype.

Wedelia tegetis Strother

Mexico, Durango, W slope of Sierra Madre occid., 2-4 km SW of El Espinazo del Diablo. Cronquist & Fay 10787, 7.X.1970. Isotype.

Werneria acerosa Cuatrec.

Ecuador, Prov. Azuay, 'Oriente' border, eastern Cordillera, between Ona and the río Yacuambi. Prieto P-280, 10-19.IX.1945. Isotype.

Werneria apiculata Sch. Bip.

Peru, Azangaro. Lechler 1737, I.1854. Isotype.

Werneria dactylophylla Sch. Bip.

Peru, Agapata. Lechler 1807, I.1854. Isotype.

Werneria decora Blake

Peru, Casapalca. Macbride & Featherstone s. n., 21.V.1922. Isotype.

Werneria mandonia Wedd.

Bolivia, Larecaja, Sorata. Mandon 102, IX.1858. Type.

Werneria marcida Blake

Peru, Rio Blanco. Macbride 3032, 20-25.III.1923. Type.

Werneria plantaginifolia Wedd.

Bolivia, Larecaja, Sorata. Mandon 89, 1859. Isotype.

Werneria rosenii R. E. Fries

Argentina, prov. Jujuy, Nevado de Chani. Fries 862, 29.XI.1901. Type.

- Werneria staticefolia* Sch. Bip.
Peru, prope San Govan. Lechler 2212. Isotype.
- Wulffia rubens* Alexander
British Guiana, northwestern slopes of Kanuku Mountains, in drainage of Moku-moku Creek. Smith 3456, 31.III-16.IV.1938. Type.
- Wunderlichia tomentosa* Glaz.
Brazil, Goyaz, Serra da Baliza. Glaziou 21683. Type.
- Xanthocephalum microglossum* Spr.
Ecuador, in Andibus. Spruce 5779, 1857-1859. Type.
- Youngia conjunctiva* Babcock & Stebbins
China, SW Kansu, Upper Tebbu country, at foot of Shimen, 12000 ft. Rock 13062, VII-VIII.1925. Cotype.
- Zaluzania megacephala* Sch. Bip. var. *coahuilensis* Olsen
Mexico, Coahuila, near General Cepeda, 6500 ft. Pringle 10076, 7.X.1905. Isotype.
- Zaluzania pringlei* Greenm.
Mexico, Morelos, near Jojutla, 3000 ft. Pringle 8710, 18.X.1902. Isotype.
- Zaluzania resinosa* Watson
Mexico, Nuevo Leon, Sierra Madre near Monterey. Pringle 2412, 24.VIII.1889. Isotype.
- Zexmenia fruticosa* Rose (*Lasianthaea fruticosa* (L.) K. Becker var. *alamosana* K. Becker)
Mexico, Sonora, Alamos. Palmer 645, IX.1890. Isotype.
- Zexmenia gracilis* Jones
Mexico, Colima, State of Colima. Palmer 163, VIII.1897. Isotype.
- Zexmenia guatemalensis* J. D. Smith
Guatemala, dept. Alta Verapaz. von Türckheim II 1542, 1908. Isotype.
- Zexmenia pringlei* Greenm.
Mexico, Puebla, limestone hills near Tehuacan, 6500 ft. Pringle 6768, 5.VIII.1897. Isotype.
- Zexmenia scandens* Hemsl.
Mexico, Vallé de Cordova. Bourgeau 1930, 17.II. Isotype.

Zexmenia squarrosa Greenm.

Mexico, Guerrero, limestone mountains above Iguala, 4000 ft. Pringle 8411, 3.X.1900. Isotype.

Zinnia jugistyla P. G. Wilson

Mexico, Apatzingan distr., Apatzingan. Hinton et al. 12038, 17.VIII.1938. Isotype.

Zyrphelis ecklonis (DC.) Kuntze ssp. *strictifolia* Zinnecker-Wiegand

South Africa, Cederberge, rocky hill between the homestead and Krommerivier. Acock 3136, 27.IX.1934. Holotype.

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1875

1876

1877

1878