



Frullania species (valid taxa) with distribution alphabetically

acicularis Hentschel & von Konrat 2015

Azores (Terceira, Pico) [Portugal]

aculeata Taylor 1846

Panama, Peru, Ecuador, Galapagos Isls (Floreana, Santa Cruz, Pinzón) [Ecuador], Chile

acutata Caspary 1887

Fossil (Eocene) in Baltic amber, Germany

affinis Nees & Mont. 1843

East Africa, ? Madagascar, ? Mauritius, ? Reunion, Mascarenes, South Africa

akiyamae S.Hatt. 1986

Indonesia (Ceram), Borneo

albertii Steph. ex Herzog 1916

Burundi, Kenya, Bolivia, Colombia, Ecuador

allanii E.A.Hodgs. 1949

Australia (QLD), New Zealand

allionii Steph. 1910

Costa Rica, Ecuador

alstonii Verd. 1930

China (Hainan), Sri Lanka, Thailand, Vietnam, Malaysia (Malay Pen), Philippines (Luzon), Borneo

alstonii var. **pfleidereri** S.Hatt. 1972

India (North: Assam, Meghalaya (Shillong, Cherrapunji))

alternans Nees 1845

Norfolk Isl

amamiensis Kamim. 1968

Japan, Ryukyu (Amami)

ambronii Steph. 1916

Bolivia, [Ecuador u/o Colombia - Gradstein in press]

amplicrania Steph. 1910

China (Zhejiang, Fujian), Taiwan, Japan, Ryukyu (Amami, Okinawa, Tokunoshima)

ampullifera J.B.Jack & Steph. 1894

Fiji (Ovalau, Naggara, Viti Levu)

anderssonii Ångstr. 1873

Madagascar, Mauritius, Reunion Isl, Seychelles (Mahe), Comores, South Africa

angulata Mitt. 1863

Angola, Annobon, Bioko, Burundi, Cameroon, Ethiopia, Kenya, Malawi, Mozambique, Rwanda, Sao Tome, Tanzania, Uganda, Zaira, Zimbabwe, Madagascar, Mauritius, Reunion, Comores

angulata fo. serratoides Vanden Berghen 1983

Democratic Republic of Congo

angulata var. laciniata Demaret & Vanden Berghen 1950

Malawi, Madagascar

angustistipa Steph. 1908

?New Caledonia, Samoa (Savaii, Upolu)

anomala E.A.Hodgs. 1949

New Zealand

antaresensis S.Hatt. 1980

New Guinea (endemic)

aoshimensis Horik. 1929

China (Fujian, Hainan, Guangxi), Taiwan, Japan, Ryukyu (Amami, Okinawa, Tokunoshima, Iriomote, Ishigaki), China (Zhejiang)

apertilobula Gerola 1947

Ethiopia

apicalis Mitt. 1879

Annobon, Bioko, Burundi, Democratic Republic of Congo, Ethiopia, Ghana, Guinea, Ivory Coast, Kenya, Liberia, Malawi, Mozambique, Nigeria, Rwanda, Sao Tome, Sierra Leone, Tanzania, Uganda, Zimbabwe, Madagascar, Mauritius, Reunion (Bourbon), Seychelles (Mahe), Comores, Rodriguez

apicalis var. camerunensis Vanden Berghen 1976

Cameroon, Kenya

apiculata (Reinw., Blume & Nees) Nees 1845

Cameroon, Democratic Republic of Congo, Equatorial Guinea (Rio Muni), Gabon, Ghana, Guinea, Rwanda, Madagascar, Mauritius, Reunion, Seychelles (Mahé Isl), Comores, Mascarenes, Mexico, Panama, Costa Rica, Puerto Rico, Venezuela, ?Bolivia, Colombia, Trinidad, Ecuador, Guyana, Surinam, French Guiana, Brazil, China (Anhui, Hainan, Guangdong, Hunan, Yunnan, Zhejiang), India (North: West Bengal (Darjeeling), Assam, Meghalaya (Shillong); South India). Andaman Isl [India], Sri Lanka, Burma, Laos, Vietnam, , Thailand, Singapore, Malaysia (Sabah), Borneo, Indonesia (Sulawesi, Java, Sumatra), Philippines, New Guinea, Borneo, Australia (QLD), Vanuatu, New Caledonia, Samoa (Tutuila), Fiji (Ovalau), Society Isl (Tahiti), Micronesia [=Caroline Isl], Cook Isl, Hawaii

apiculata var. goebelii Schiffn. 1893

Vietnam, Sri Lanka, Indonesia (Java, Ambon), Borneo, Samoa, Fiji (Ovalau, Taveuni, Viti Levu)

apiculata var. guianensis Lindenb. & Gottsche 1851

Guyana, Surinam

aposinensis S.Hatt. & P.J.Lin 1985

China, Nepal

appalachiana R.M.Schust. 1983

USA (NC TN SC)

appendistipula S.Hatt. 1972

China (Yunnan), New Guinea (endemic)

appendistipula var. spinifera S.Hatt. 1974

New Guinea (endemic)

armata Herzog & L.Clark 1954

Costa Rica, Colombia [doubtful, Uribe & Gradstein 1998]

armatifolia Verd. 1932

Indonesia (Ceram), New Guinea, Borneo, Philippines

armitiana Steph. 1911

Malaysia (Sabah), Borneo, New Guinea

armitiana var. inflexula S.Hatt. 1988

New Guinea

armitiana var. longe-attenuata (S.Hatt.) S.Hatt. 1980

arsenii Steph. 1924

Mexico, Colombia, Bolivia

asagrayana Mont. 1842

Canada (NF ON PQ NS), USA (ME VT MA CT NY VA WV NC SC GA TN MI MN AR)

astrolabea Steph. 1910

?Hawaii

aterrima (Hook.f. & Taylor) Gottsche, Lindenb. & Nees 1845

Australia (QLD, VIC, NSW), Tasmania, New Zealand, Auckland Isl [New Zealand], Campbell Isl [New Zealand]

atrata (Sw.) Nees ex Mont. 1839

Mexico, Guatemala, Belize, Costa Rica, Cuba, Jamaica, Haiti, Martinique, Dominica, Guadeloupe, Bolivia, Colombia, Ecuador, Venezuela, Trinidad, Galapagos Isls (Floreana, San Cristóbal, Pinzón)[Ecuador], Guyana, Brazil, Argentina, ?Society Isl (Tahiti)

atrata var. flaccida (WEBER) Nees 1845

Peru, Colombia

atrata var. mexicana Nees 1845

Mexico

attenuata Steph. 1911

New Guinea (Papua New Guinea, Irian Jaya), Indonesia (Ceram)

auriculata S.Hatt. 1985

Fiji

azorica Sim-Sim, Sérgio, Mues & Kraut 1995

Portugal, Azores [Portugal], Madeira [Portugal], Canary Isl (Fu Go GC Hi Pa Te)[Spain]

baerlocheri Heinrichs, Reiner, Feldberg, von Konrat, Hentschel, Vána & Schmidt 2011

Fossil (Albian) in amber, Myanmar

baileyana Steph. 1910

Australia (QLD, NSW)

baladina Gottsche 1894

New Caledonia

baladina var. edentata S.Hatt. 1984

New Caledonia

baltica Grolle 1985

Fossil (Eocene) in Baltic & Bitterfeld amber, Germany

baumannii S.Hatt. 1977

New Caledonia

beauverdii Steph. 1916

Bolivia {subalpin regions}

bella Steph. 1911

New Caledonia (Isle of Pines)

belmorensis Steph. 1914

Australia (NSW, QLD)

benjaminiana Inoue 1967

China (Yunnan), Malaysia (Malay Pen)

bergmanii S.Hatt. 1974

New Guinea (Papua New Guinea, Irian Jaya), Indonesia, Bismarck Arch

berthoumieui Steph. 1894

China (Yunnan), Taiwan, Himalayas (E), India, Nepal, Burma, Thailand, Indonesia (Ambon), Philippines, Borneo

beyrichiana (Lehm. & Lindenb.) Lehm. & Lindenb. 1845

Central America, Mexico, Costa Rica, Cuba, Guadeloupe, Martinique, Colombia, Peru, Brazil, Chile

bhutanensis S.Hatt. 1971

Bhutan (endemic)

bicornistipula Spruce 1884

Costa Rica, Panama, Venezuela, Colombia, Ecuador, Peru, Guyana

blastopetala S.Hatt. 1984

New Caledonia

blepharozia Spruce 1884

Ecuador

bogotensis Steph. 1910

Colombia

bolanderi Austin 1869

Norway, Sweden, Alaska, Canada (NF PQ NS ON BC?), USA (AZ CA OR WA ME VT OH MI WI MN IA), Russia (Siberia, Far East), China (Fujian, Yunnan), Korea, Japan (Hokkaido, Honshu)

bonariensis M.E.Reiner 1988

Argentina (Entre Ríos, Buenos Aires)

bonincola S.Hatt. 1978

Bonin Isl, Taiwan

borbonica Lindenb. 1845

Kilimanjaro, Madagascar, Mauritius, Reunion

boveana C.Massal. 1885

Chile, Argentina (Patagonia, Tierra del Fuego), Falkland Isl [Argentina]

brachycarpa Spruce 1889

Mexico, Bolivia, Brazil

brasiliensis Raddi 1822

Mexico, Guatemala, Costa Rica, Panama, El Salvador, Puerto Rico, Jamaica, Guadeloupe, Venezuela, Colombia, Peru, Bolivia, Ecuador, Galapagos Isls (San Cristóbal)[Ecuador], Guyana, French Guiana, Brazil, Surinam, Chile, Argentina, Tristan da Cunha

brasiliensis var. *cylindrica* (Gottsche in Lehm.) Spruce 1884

Mexico

brasiliensis var. *cylindrica* fo. *lindigii* (Gottsche) Spruce 1884

Colombia

brasiliensis var. *elegantula* Spruce 1884

Ecuador

breuteliana Gottsche 1845

Mexico, Guatemala, St. Kitts (= St. Christopher), Guadeloupe, Dominica, Venezuela, Colombia, Ecuador, French Guiana, Brazil

brevicalycina Steph. 1894

St. Kitts (= St. Christopher)

brittoniae A.Evans 1897

USA (CO NM ME NH VT MA RI CT NY PA MD WV VA NC TN SC GA FL OH IN IL KY MI WI MN KS MO AR TX)

brotheri Steph. 1894

Korea (South), Japan, Sri Lanka, Andaman Isl [India], Thailand, Singapore, Malaysia (Malaya Pen), Indonesia (Sumatra, Java), Borneo, New Guinea, Philippines, Fiji

brunea (Spreng.) Drège 1843 [non Austin 1846]

Malawi, South Africa

buchtienii Herzog 1942

Bolivia

bullata Steph. 1910

Mozambique, Tanzania, Madagascar, Mauritius

caduca S.Hatt. 1980

Japan, Taiwan

caespitans Beauverd 1924

Bolivia

caffraria Steph. 1894

Angola, Bioko, Cameroon, Democratic Republic of Congo, Socotra, Djibouti, Eritrea, Ethiopia, Kenya, Malawi, Nigeria, Rwanda, Tanzania, Uganda, Zambia, Zimbabwe, Madagascar, Mauritius, Reunion, South Africa, Yemen Rep, Saudi Arabia

caffraria fo. anomala Vanden Berghen 1976

Democratic Republic of Congo

calcarata Ångstr. 1873

? India (Western Ghats), Papua New Guinea, Bismarck Arch (New Britain [=Neupommern]), Solomon Isl (Shortland), Society Isl (Tahiti, ?Moorea)

calcarifera Steph. 1888

Portugal, Spain, Italy, Algeria

caldensis Ångstr. 1876

Brazil

caledonica Gottsche ex Steph. 1894 [non (Schuster) Schuster 1992]

New Caledonia

californica (M.Howe) A.Evans 1897

Canada (BC), USA (CA OR ME WA), Guadeloupe

campanulata Sande Lac. 1853

India (South: Tamil Nadu (Kotagiri, Nilgiri Mts)), Vietnam, Sri Lanka, Indonesia (Sumatra, Java)

campanulata var. caduca Verd. 1930

Indonesia (Java)

campanulata var. malesiaca (Verd.) S.Hatt. 1975

Indonesia (Sumatra, Java)

canaliculata Gottsche 1910

Argentina

capensis **Gottsche 1845**

Malawi, Mozambique, Tanzania, Zimbabwe, Madagascar, Mauritius, Reunion, South Africa

capillaris **Steph. 1911**

New Caledonia, Fiji

carrii **Kamim. & S.Hatt. 1973**

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

casparyi **Grolle 1985**

Fossil (Eocene) in Baltic & Bitterfeld amber, Germany

catalinae **A.Evans 1897**

USA (CA)

cataractarum **Steph. 1911**

Australia (NSW, VIC, QLD)

caulisequa **(Nees) Mont. 1839**

USA (FL GA AL MS LA SC NC VA), Belize, Honduras, Costa Rica, Cocos Isl [Costa Rica], Panama, Cuba, Dominica, Jamaica, Hispaniola, Martinique, Guadeloupe, Colombia, Venezuela, Ecuador, Galapagos Isls [Ecuador], Guyana, Surinam, French Guiana, Brazil, Argentina

cavallii **Gola 1907**

Uganda

changii **S.Hatt. & C.Gao 1985**

China

chenii **S.Hatt. & P.J.Lin 1985**

China (Shaanxi, Yunnan)

chevalieri **(R.M.Schust.) R.M.Schust. 1992**

New Zealand (North Isl: Northland, Auckland), New Caledonia

chiapasana **Steph. 1910**

Mexico

chilcootiensis **Steph. 1887**

Alaska

chilensis **Steph. 1894**

Juan Fernandez Isl [Chile], Chile, Argentina, Campbell Isl [New Zealand]

chiovendae **Gola 1914**

Ethiopia

chodatii **Beauverd 1924**

Bolivia

ciliata **Lindenb. & Gottsche 1847**

Colombia

cinchonae **Gottsche 1845**

Peru

clandestina **(Nees & Mont.) Nees 1845**

Costa Rica, Bolivia, Colombia, Ecuador

clarkii **J.J. Atwood & Mamontov 2018**

Mexico

clavata (Hook.f. & Taylor) Gottsche, Lindenb. & Nees 1845

Australia (NSW, QLD, VIC, ACT), Tasmania

claviloba Steph. 1911

Sri Lanka, Thailand, Vietnam, Malaysia (Malaya Pen, Sabah), Borneo, Indonesia (Sumatra, Java, Ambon), Philippines, Borneo

cleistostoma Schiffn. & Wollny 1909

Italy, Russia, Mongolia

clemensiana Verd. 1932

Malaysia (Sabah), Borneo

closterantha Spruce 1884

Costa Rica, Guatemala, Colombia, Peru, Bolivia, Ecuador

cobrensis Gottsche 1894

USA (FL), Cuba

colliculosa von Konrat, Braggins, Hentschel & Heinrichs 2010

New Zealand. South Island, Kahurangi NP, Mt. Arthur

compacta Gottsche 1911

USA (FL), Cuba

complicata Steph. 1911

Bolivia

confertiloba Steph. 1910

Panama, Colombia, Peru, Brazil

congesta Gottsche, Lindenb. & Nees 1845

Australia, New Zealand, Auckland Isl [New Zealand]

consociata Steph. 1910

China (Gansu, Guizhou, Yunnan)

contracta Steph. 1911

New Caledonia

convoluta Lindenb. & Hampe 1851

Mexico, Costa Rica, Panama, Guadeloupe, Dominican Rep, Venezuela, Ecuador, Peru, Colombia, Galapagos Isls [Ecuador], Surinam

convoluta var. ampliata Herzog 1953

Costa Rica

cordaeana Lindenb. 1845

Peru

cordistipula (Reinw., Blume & Nees) Nees 1845

Malaysia (Sabah), Borneo, Indonesia (Sumatra, Java, Halmaheira), New Guinea, New Caledonia, Fiji, Society Isl (Tahiti)

cordistipula var. dentistipula S.Hatt. 1986

Indonesia (Ceram)

cordistipula var. mutica (Gottsche, Lindenb. & Nees) Schiffn. 1898

Indonesia (Java)

cordistipula var. regularis Nees 1845

Indonesia (Java)

cornuta Steph. 1911

New Caledonia

crassitexta Steph. 1910

Australia (QLD)

crawfordii Steph. 1894

Australia (NSW)

crenatiloba Steph. 1924

Hawaii

crenulifolia J.B.Jack & Steph. 1892

Colombia, Ecuador, Argentina

crispiloba Steph. 1894

Mexico, Honduras, Venezuela, Brazil

crispiplicata Yuzawa & S.Hatt. 1983

Russia (Far East), Japan

cristata S.Hatt. 1981

Japan

cuencensis Taylor 1846

Mexico (high mountains), Costa Rica, Panama, Dominican Rep., Colombia, Ecuador, Bolivia, Peru

cuneatistipula Steph. 1924

Mexico

cuneiloba Nees 1845

curvilobula Schäf.-Verw., D.F.Peralta & S.M.Siqueira 2012

Brazil

curviramea Steph. 1911

Peru, Bolivia

curvirostris Colenso 1889 [non Jack & Steph. 1894]

New Zealand

curvistipula Steph. 1911

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

curvistipula var. falcatidentata S.Hatt. 1982

New Guinea (Papua New Guinea / PNG)

curvistipula var. lamii Verd. 1930

Indonesia (Irian Jaya), New Guinea

cuspidifolia Steph. 1911

Philippines (Luzon), New Guinea (Papua New Guinea), Solomon Isl

cuspiloba Steph. 1910

Bolivia

cyparioides (Schwägr.) Nees 1845

Peru, Brazil, Panama, Paraguay, Argentina (Patagonia, Magellan Strait), Chile, Australia ?

darwinii Gradst. & Uribe 2004

Galapagos Isls [Ecuador]

davurica Hampe ex Gottsche, Lindenb. & Nees 1845

Alaska, Russia (Arctic, Caucasus, Siberia, Far East, Altai), China (Jilin, Shaanxi, Xizang, Henan, Anhui, Guizhou, Guangxi, Jiangxi, Yunnan, Sichuan, Hunan, Zhejiang, Hubei), Taiwan, Korea (South), Korea (North), Japan

davurica fo. dorsoblastos (S.Hatt.) S.Hatt. & P.J.Lin 1985

China (Shaanxi, Gansu, Xizang, Yunnan, Sichuan)

davurica fo. microphylla (C.Massal.) S.Hatt. & P.J.Lin 1985

China (Gansu, Shaanxi, Sichuan, Yunnan, Zhejiang)

davurica var. chichibuensis (Kamim.) S.Hatt. 1976

Taiwan, Japan

davurica var. concava Chang in C.Gao & Chang 1981

China

debilis Steph. ex S.Hatt. 1974

India (South: Pondicherry)

decidua Spruce 1884

{High mountains of} Colombia, Ecuador, Bolivia, Peru, Argentina

deflexa Mitt. 1862

Philippines, New Guinea, Vanuatu (Aneityum), New Caledonia, Samoa, Fiji (Ovalau, Taveuni, Vanua Levu, Viti Levu)

degelii S.W.Arnell 1959

French Guiana

densiloba Steph. ex A.Evans 1906

China (Hainan, Zhejiang), Taiwan, Korea (South), Japan, Ryukyu (Amami, Okinawa, Tokunoshima), Bonin Isl, India (South: Nilgiri Mts), Vietnam

dentata S.Hatt. 1974

New Guinea (Papua New Guinea)

dentata var. secernens S.Hatt. 1988

New Guinea (Papua New Guinea)

dentifera S.Hatt. & Streimann 1985

New Guinea (Irian Jaya), Indonesia

dentiloba S.Hatt. 1975

Indonesia (Java)

deplanata Mitt. 1855

Australia (VIC, NSW), Tasmania, New Zealand, Auckland Isl [New Zealand], Campbell Isl [New Zealand]

deppii Gottsche 1844

Mexico, Brazil

depressa Mitt. 1863

Burundi, Cameroon, Congo, Democratic Republic of Congo, Ethiopia, Kenya, Malawi, Nigeria, Rwanda, Uganda, Sierra Leone, Tanzania, Zimbabwe, Madagascar, Comores (Grande Comore Isl), South Africa (Natal), Lesotho

dilatata fo. fuscovirens Jørgensen 1934

Norway

dilatata var. anomala Corbiere 1889

Germany, Italy, Switzerland, France, Netherland, Croatia, Madeira [Portugal], Canary Isl (GC)[Spain], Cape Verde Isl

dilatata var. elongata Losada-Lima & Vanden Berghen 1985

Portugal, Canary Isl (Te)[Spain]

dilatata var. macrotus Nees 1838

Austria

dilatata var. subtilissima Nees 1838

Germany

dilatata ssp. asiatica S.Hatt. 1982

Pakistan, India (North: Kashmir, West Bengal (Darjeeling))

dilatata ssp. dilatata [1982] (L.) Dumort. 1835

Iceland, England, Ireland, Germany, France, Portugal, Spain, Andorra, Greece, Rhodes, Corfu, Balearic Isl, Slovenia, Hungary, Albania, Croatia, Bosnia-Herzegovina, Serbia-Montenegro, Macedonia, Bulgaria, Corse [France], Crete [Greece], Sardinia, Sicily, Madeira [Portugal], Azores [Portugal], Canary Isl (Fu Go GC Hi Lz Pa Te) [Spain], Cape Verde Isl, Morocco, Algeria, Tunisia, Uganda, Brazil ?, Russia (Caucasus, Siberia, Far East), Armenia, Sakhalin, China (Zhejiang), Taiwan, India, Turkey, Cyprus, Iran, Lebanon, Israel

diptera (Lehm.) Drège 1843

Angola, Annobon, Democratic Republic of Congo, Ghana, Kenya, Malawi, Nigeria, Sao Tome, Tanzania, Uganda, Benin, Madagascar, Mauritius, Reunion, South Africa

dispar Nees 1845

Brazil

diversitexta Steph. 1897

Russia (Far East), China (Inner Mongolia), Taiwan, Japan, Korea (South)

donnellii Austin 1879

USA (NC GA FL AL MS)

dorsimamillosa Mamontov, Hentschel, Sofronova & Potemkin 2015

dulimensis Uribe 2006

Colombia

durifolia Steph. 1894

Papua New Guinea

dusenii Steph. 1905

Costa Rica, Panama, Dominican Rep., {High mountains of} Colombia, Ecuador, Peru, Brazil

duthiana Steph. 1910

?Surinam, Himalayas (W), India (North: West Bengal (Darjeeling), Assam, Meghalaya), Bhutan, Nepal, Sikkim, Indo-China

duthiana var. laevis S.Hatt. 1975

India, Sikkim, Bhutan, Nepal

duthiana var. szechuanensis S.Hatt. & C.Gao 1985

China (Sichuan, Xizang, Yunnan)

eboracensis Lehm. 1844

Azores [Portugal], Alaska, Canada (BC PQ MB NF NS NB ON), USA (ME NH VT MA CT NY NJ PA MD WV VA NC RI TN GA OH IN IL IA MI WI MN KS AR MS OK SD NM TX), Revillagigedo Isls [Mexico]

eboracensis ssp. virginica (Gottsche in Lehm.) R.M.Schust. 1992

USA (VA NC SC TN GA MS AR LA TX)

echinantha S.Hatt. 1974

New Guinea (endemic) [Papua New Guinea: Mt Hagen, Mt Wilhelm, Mt Gilowe]

echinatella S.Hatt. 1988

New Guinea (endemic)

ecklonii (Spreng.) Gottsche, Lindenb. & Nees 1845

Cameroon, Democratic Republic of Congo, Kenya, Malawi, Sao Tome, Tanzania, Uganda, Kenya, Zimbabwe, Madagascar, South Africa, Mexico, Costa Rica, Dominican Rep, Colombia, Peru, Ecuador, Galapagos Isls [Ecuador], Brazil, Juan Fernandez Isl [Chile], Chile, tropical Asia

ecklonii var. robustior (Gottsche, Lindenb. & Nees) Sim 1926

ecklonii var. rufescens Gottsche, Lindenb. & Nees 1847

Colombia

ecklonii var. tenerior (Gottsche, Lindenb. & Nees) Sim 1926

ecuadorensis Steph. 1911

Costa Rica, Cocos Isl [Costa Rica], Panama, Jamaica, Ecuador, Galapagos Isls ?? [Ecuador], Colombia, Venezuela, Brazil

elegans Lehm. 1857

Tropical America

elephantum S.Hatt. 1977

New Caledonia

epiphylla ssp. fijiensis S.Hatt. 1985

Fiji

eplicata Steph. 1911

Democratic Republic of Congo, Ghana, Malawi, Mozambique, Tanzania, Zambia, Zimbabwe, South Africa

ericoides (Nees) Mont. 1839

Madeira [Portugal], Canary Isl (GC Go Hi Pa Te)[Spain], Cape Verde Isl, Angola, Annobon, Ascension Isl, Bioko, Ivory Coast, Cameroon, Central African Republic, Congo Dem Rep, Ethiopia, Gabon, Ghana, Guinea, Kenya, Malawi, Mozambique, Nigeria, Principe, Rwanda, Sierra Leone, Socotra, Tanzania, Togo, Uganda, Zambia, Zimbabwe, Benin, Madagascar, Mauritius, Reunion, Seychelles (Mahe, Praslin, Silhouette, Aldabra), Comores, Rodriguez, South Africa (Natal), USA (FL SC NC AL MS LA VA DC NJ NY CT RI TN WV IL OH IN KY IA MS VT AR OK TX), Mexico, Nicaragua, Costa Rica, Panama, Cuba, Jamaica, Puerto Rico, Venezuela, Colombia, Galapagos Isls [Ecuador], Peru, Ecuador, Bolivia, Surinam, French Guiana, Brazil, Paraguay, Easter Isl [Chile], Chile, Argentina (Misiones, Santa Fe, Entre Ríos, Buenos Aires), Falkland Isl [Argentina], China (Gansu, Xizang, Yunnan, Jiangsu, Guangdong, Sichuan, Hunan, Hainan, Zhejiang, Fujian, Anhui, Shandong), Taiwan, Korea (South), Japan (Honshu, Kyushu, Shikoku), Bonin Isl (Hahajima), Ryukyu (Ishigaki), India (North: Uttaranchal, West Bengal (Darjeeling), Assam, Meghalaya; South: Tamil Nadu (Nilgiri Hills)), Andaman Isl [India], Sri Lanka, Nepal, Bhutan, Sikkim, Laos, Burma, Vietnam, Thailand, Cambodia, Indonesia (Sumatra, Java, Sulawesi), Philippines (Luzon), Borneo, New Guinea, Socotra, Australia (NSW, QLD, VIC), Lord Howe Isl, New Caledonia, Northern Marianas, Fiji (?Viti Levu), Society (Tahiti), Gambier Isl (Mangareva), Henderson Isl, Hawaii (Kauai, Oahu, Molokai, Maui, Hawaii Isl)

ericoides var. β laxa (Gottsche, Lindenb. et Nees) Schiffn. 1898

India, Indonesia (Java)

ericoides var. verrucosa (Kamim.) Hentschel & von Konrat 2015

erostrata S.Hatt. 1974

New Guinea [endemic]

errans Verd. 1930

New Guinea [endemic]

errans var. angulistipula S.Hatt. 1972

New Guinea [endemic]

esenbeckiana Beauverd 1924

Mexico

evelynae S.Hatt. & Thaithong 1978

China (Yunnan), India (North: West Bengal (Darjeeling), Assam, Meghalaya (Khasi Hills, Shillong, Cherrapunji)), Bhutan

evelynae var. devendrae Sushil K.Singh & Barbhuiya 2012

India (Assam)

evelynae var. srivastavae Sushil K.Singh & Barbhuiya 2012

India (Assam)

evoluta Mitt. 1861

India (South: Tamil Nadu (Kodaikanal)), Sikkim

exilis Taylor 1846

Costa Rica, Puerto Rico, Trinidad, Bolivia; Colombia, Guyana, French Guiana, Brazil

eymae S.Hatt. 1975

China (Yunnan), New Guinea

eymae var. crispidentata S.Hatt. & Streimann 1985

New Guinea

falciloba Lehm. 1844

Australia (WA, QLD, NSW, ACT, VIC), Tasmania, New Zealand, Antipode Isl [New Zealand], Macquarie Isl [Australia], Lord Howe Isl

fallax Gottsche 1845 [non Austin ex Steph. 1911]

Malaysia (Malay Pen), Indonesia (Sumatra, Banka, Java), Borneo

falsicornuta S.Hatt. 1986

New Caledonia

fauriana Steph. 1894 [non Steph. 1910] {Japan}

China (Inner Mongolia), Taiwan, Korea (South), Japan (Honshu, Shikoku, Kyushu), Ryukyu (Amami, Okinawa), Sri Lanka, Philippines, New Caledonia

fauriana fo. emarginata Kamim. 1952

Japan

fengyangshanensis R.L.Zhu & M.L.So 1997

China

ferdinandi-muelleri Steph. 1910

Australia (NSW, QLD)

fertilis De Not. 1855

Chile (Magallanes), Argentina (Tierra del Fuego, Patagonia)

fertilis var. major C.Massal. 1885

Chile (Tierra del Fuego)

flammea Taylor 1884

Ecuador

flexuosa S.Hatt. 1983

Australia (QLD)

formosa Spruce 1884 [non Steph. 1911]

Colombia, Ecuador

fragilifolia (Taylor) Gottsche, Lindenb. & Nees 1845 [non Austin 1879]

Iceland, England, Ireland, Norway, Luxemburg, Netherlands, Germany, Austria, Polen, Slovakia, Tschechian Rep., Albania, Bulgaria, Hungary, Slovenia, Croatia, Bosnia-Herzegowina, Portugal, Greece, Corsica [France], Sardinia [Italy], Balearic Isl [Spain], Azores [Portugal], Canary Isl (Go Pa Te)[Spain], Turkey

franciscana M. Howe 1894

Alaska, Canada (BC), USA (CA OR WA West coast)

fuegiana Steph. 1910

Argentina (Tierra del Fuego)

fugax (Hook.f. & Taylor) Gottsche, Lindenb. & Nees 1845

Australia (QLD, NSW), New Zealand

fulfordiae S.Hatt. 1987

Lord Howe Isl

fuscovirens Steph. 1910

China (Yunnan, Hainan, Guangxi, Zhejiang, Sichuan), Korea

fuscovirens var. gemmipara (R.M.Schust. & S.Hatt.) S.Hatt. & P.J. Lin 1985

China (Yunnan, Sichuan, Fujian)

gabonensis Vanden Berghen 1976

Cameroon, Gabon, Malawi, Madagascar

gaoligongensis X.L.Bai & C.Gao 1999

China (Yunnan)

gaudichaudii (Nees & Mont.) Nees & Mont. 1845

South Africa, Guyana, Brazil, China (Yunnan, Hainan), Taiwan, Japan, Ryukyu (Amami, Okinawa, Ishigaki), Pakistan, India (North: West Bengal (Darjeeling); South India), Andaman Isl [India], Niccobar Isl [India], Sri Lanka, Sikkim, Thailand, Singapore, Malaysia (Malay Pen), Indonesia (Sumatra, Java, Sulawesi, Ceram, Ambon), Philippines (Luzon), Borneo, New Guinea, Tasmania, Auckland Isl [New Zealand], Bismarck Arch (Admiralty Isl), Vanuatu (Aneityum), Micronesia [=Caroline Isl] (Ponape), Palau Isl, Guam, Samoa, Fiji (Taveuni, Vanua Levu)

gaudichaudii fo. hasseltii (Sande Lac.) Verd. 1930

Indonesia (Sumatra), Philippines

gaudichaudii var. ceylanica (Nees) S.Hatt. 1980

India, Sri Lanka

gemmulosa S.Hatt. & Thaithong 1977

China (Yunnan), India (North: Assam, Meghalaya), Laos, Thailand

gibbosa Nees 1840

USA (FL AL), Mexico, Guatemala, Honduras, Costa Rica, Panama, Cuba, Jamaica, Puerto Rico, Martinique, Barbados, Dominican Rep, Venezuela, Trinidad, Colombia, Ecuador, Galapagos Isls [Ecuador], Peru, Guyana, Surinam, French Guiana, Brazil, Chile

gibbosa var. major Gottsche 1863

Mexico

gigantea Steph. 1911

New Caledonia

giraldiana C.Massal. 1897

China (Sichuan, Shaanxi, Xizang, Yunnan), Taiwan, India (East Himalaya, Meghalaya), Nepal, Bhutan

giraldiana var. handelii (Verd.) S.Hatt. 1972

China (Yizang, Yunnan, Sichuan)

globosa S.Hatt. & Streimann 1985

New Guinea

glomerata (Lehm. & Lindenb.) Nees & Mont. 1838 [non Mont 1840, nec Mont 1842]

Mexico, Costa Rica, Cuba, Bolivia, Brazil, Chile, Argentina (Salta, Buenos Aires)

grabenhorstii Heinrichs, K.Feldberg, A.Müller, Schäf.-Verw., von Konrat, A.R.Schmidt 2018

gracilicaulis S.Hatt. 1977

New Caledonia

gracilis (Reinw., Blume & Nees) Nees 1845

? Mauritius, China (Hainan), Taiwan, Andaman Isl [India], Sri Lanka, Burma, Vietnam, Thailand, Laos, Singapore, Malaysia (Malay Pen, Sabah), Borneo, Indonesia (Sumatra, Java, Ceram, Sulawesi, Ambon), Philippines, New Guinea, Borneo, New Zealand, Palau Isl

gracilis var. brevior (Gottsche, Lindenb. et Nees) Schiffn. 1898

Singapore

gracilis var. vittata S.Hatt. 1986

Indonesia (Ceram)

gracilis ssp. zennoskei S.Hatt. & Thaitong 1978

India (North: Assam, Meghalaya (Shillong))

gradsteinii Yuzawa, Mues & S.Hatt. 1987

Galapagos Isls [Ecuador]

granatensis Gottsche 1864

Colombia

grandiclava Steph. 1911

New Caledonia

grandifolia Steph. 1911

Mexico, Colombia

grandilobula S.Hatt. & Piippo 1986

Neu Guinea [Papua New Guinea]

grandistipula Lindenb. 1845 [non Steph. 1924]

India (South: Tamil Nadu (Chennai), North: Eastern Himalayas: Meghalaya), Sri Lanka, Vietnam, Malaysia (Malay Pen), Borneo, Indonesia (Sumatra, Java, Halmahera), New Guinea, Philippines, Guam, Micronesia

griffithsiana Gottsche 1846

Brazil

grossiclava Steph. 1910

Democratic Republic of Congo, Malawi, Mozambique, Tanzania, Zimbabwe, Madagascar

grossifolia Steph. 1911

Brazil

guadalupensis Gottsche 1911

Guadeloupe, Colombia, Brazil

gualaquizana Steph. 1911

Ecuador

guatemalensis Steph. 1911

Guatemala, Mexico

haematocysta Spruce 1884

Ecuador, Peru

hainanensis S.Hatt. & P.J.Lin 1986

China (Hainan)

hamata Steph. 1911

New Guinea (Papua New Guinea, Irian Jaya), Indonesia, Bismarck Arch (New Ireland [=Neumecklenburg]), Fiji (Viti Levu)

hamaticoma Steph. 1889

Australia (VIC)

hamatiloba Steph. 1910

China (Anhui, Guangdong, Yunnan, Zhejiang), Taiwan, Korea (North), Korea (South), Japan, Thailand, Vietnam

hamatosetacea Grolle 2004

Fossil (Eocene) in Bitterfeld amber, Germany

hamiflora Herzog & L.Clark 1953

Mexico, Honduras, Costa Rica

handelii Verd. 1930

China (Yunnan)

handel-mazzettii S.Hatt. 1981

China (Yunnan, Xizang, Sichuan)

hariotana Steph. 1911

Chile (Cape Horn)

hasskarliana Lindenb. 1845

Malaysia (Malay Pen), Indonesia (Java, Sumatra, Sulawesi, Ceram), Philippines, Borneo, New Guinea (Papua New Guinea)

hasskarliana var. gracilis S.Hatt. 1986

Indonesia (Ceram)

hasskarliana var. integribractea (Verd.) S.Hatt. 1975

Indonesia (Sumatra, Java, Sulawesi), Borneo,

hasskarliana var. parvidentata S.Hatt. 1986

Indonesia (Ceram)

hattoriana J.D.Godfrey & G.Godfrey 1980

Canada (BC)

hattoriantha Udar & V.Nath 1981

India (North: West Bengal (Darjeeling))

hattorii von Konrat & Braggins 2003

Tasmania

hattorii Chavan 1992 [Thesis]

hebridensis Steph. 1911

Vanuatu (Efate)

hedrantha S.Hatt. & Kamim. 1973

New Guinea (Irian Jaya), Indonesia

heinrichsii Gradst., Espinoza-Prieto & J.J. Atwood 2018

Peru, [not yet known from Ecuador & Colombia - Gradstein in press]

heteromorpha Schiffn. 1889

New Guinea (Papua New Guinea, Irian Jaya), Indonesia (Ceram), New Caledonia

hicksiae S.Hatt. 1984

Australia (QLD)

hicksiae fo. litoralis S.Hatt. 1988

Australia (QLD)

higuchii Yuzawa, Koike & S.Hatt. 1994

Nepal

himalayensis Steph. 1910

India (North: Uttaranchal (Mussoorie)), Nepal

hiroshii S.Hatt. 1980

Taiwan (endemic)

hirtiflora Spruce 1884

Ecuador

hodgsoniae von Konrat, Braggins, Hentschel & Heinrichs 2010

holostipula S.Hatt. & D.G.Griffin 1978

Venezuela, Bolivia, [expected in Colombia & Ecuador - Gradstein in press]

hottana S.Hatt. 1976

Sri Lanka, Malaysia (Sarawak), Borneo

howeana Steph. 1914

Lord Howe Isl

huerlimannii S.Hatt. 1976

New Caledonia

huerlimannii var. **dioica** S.Hatt. 1984

New Caledonia

humbertii Vanden Berghen 1976

Madagascar, Reunion Isl

humilis Spruce 1890

Bolivia

hypoleuca Nees 1843

Costa Rica, Cocos Isl, Jamaica, Galapagos Isls [Ecuador], Surinam, Colombia, Brazil, China (Yunnan), Taiwan, Japan, Thailand, Vietnam, Sri Lanka, Singapore, Malaysia (Malay Pen, Sabah), Indonesia (Java, Sumatra, Irian Jaya), New Guinea, Borneo, Australia (QLD, NSW), New Zealand?, Palau Isl, Micronesia [=Caroline Isl] (Pingelap, Ponape), Samoa (Upolu), Fiji (Ovalau), Society Isl (Tahiti), Hawaii (Kauai, Oahu, Molokai, West Maui)

hypoleucula S.Hatt. 1984

New Caledonia, Micronesia

ignatovii Sofronova, Mamontov & Potemkin 2013

imerinensis Steph. 1911

Rwanda, Madagascar, Seychelles (Mahé Isl)

immersa Steph. 1896

Malaysia (Malay Pen), New Guinea (Papua New Guinea, Irian Jaya), Indonesia, Vanuatu (Aneityum, Futuna), Samoa (Upolu, Savaii), Fiji (Vanua Levu, Viti Levu)

incisoduthiana S.Hatt. 1979

Nepal

incisoduthiana var. **parva** S.Hatt. 1979

Nepal

incisostipula Steph. 1924

Mexico

inconstans Verd. 1930

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

inconstans fo. **integrrior** Verd. 1930

New Guinea (Irian Jaya), Indonesia

inconstans var. **grossedentata** Kamim. & S.Hatt. 1973

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

incumbens Mitt. 1855

Australia (NSW, ACT, VIC), Tasmania, New Zealand (North Isl, South Isl)

incurva S.Hatt. 1988

New Guinea [Papua New Guinea]

inflata Gottsche 1845 [non Herzog 1921]

Switzerland, Italy, Hungary, Tschechian Rep., Albania, Slovenia, Canada (AB), USA (CT VT CO NM SD UT AZ CA NE NJ VA TN FL OH MN TX), Mexico, Revillagigedo Isl [Mexico], Nicaragua, Guadeloupe, Russia (Far East), Sakhalin, China (Hubei, Anhui, Inner Mongolia, Shandong, Jiangsu, Yunnan, Sichuan, Zhejiang, Fujian), Taiwan, Japan, Korea (South), Pakistan, India (North: Assam, Meghalaya)

inflata var. communis R.M.Schust. 1985

USA (CT DE MD DC VA NC WV TN SC FL AL MS LA TX OH MI WI MN IA SD KS)

inflata var. dioica S.Hatt. & Thaitong 1978

India (North: Uttaranchal (Dehra Dun))

inflexa Mitt. 1861

China (Sichuan, Xizang, Zhejiang, Yunnan, Shandong), Taiwan, Korea, Japan, Sikkim, Bhutan, India (North: West Bengal (Darjeeling), Assam, Meghalaya; South: Karnataka), Nepal

inflexiloba S.Hatt. 1984

New Caledonia

inouei S.Hatt. 1980

China (Yunnan, Sichuan), Taiwan

integristipula (Nees) Nees 1845

Malaysia (Malay Pen, Sarawak, Sabah), Indonesia (Sumatra, Java, Halmahera, Sulawesi), Philippines, Borneo, New Guinea

integristipula var. emarginata Verd. 1929

Indonesia (Sumatra, Java, Halmahera, Irian Jaya), Philippines, Borneo, New Guinea

intermedia (Reinw., Blume & Nees) Nees 1845

India (South India), Andaman Isl [India], Sri Lanka, Thailand, Singapore, Malaysia, Philippines, Indonesia (Sumatra, Banca, Java, Moluccas I, Borneo, New Guinea, Vanuata (Tanna, Aneityum), Samoa, Fiji (Kandavu, Viti Levu), New Caledonia

intermedia var. non-apiculata S.Hatt. 1975

Malaysia (Sarawak), Indonesia (Java), Philippines (Luzon), Borneo, New Guinea, New Caledonia, Samoa, Fiji

intermedia ssp. morokensis (Steph.) S.Hatt. 1980

Papua New Guinea

intermixta Colenso 1889

New Zealand

intumescens (Lehm. & Lindenb.) Lehm. & Lindenb. 1845

Mexico, Guatemala, Costa Rica, Cocos Isl [Costa Rica], Panama, Cuba, Jamaica, Guadeloupe, Ecuador, Colombia, Peru, Bolivia, Brazil

invovens S.Hatt. & Kamim. 1973

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

iriomotensis S.Hatt. 1980

Japan (Ryukyu Isl)

irregularis S.Hatt. & Piippo 1986

Papua New Guinea

iwatsukii S.Hatt. 1972

Japan, Vietnam

jackii Gottsche 1863

Norway, France, Germany, Switzerland, Austria, Italy, Poland, Bulgaria, Romania, Hungary, Slovenia, Alaska, Russia (Arctic, Caucasus, Siberia, Far East), China (Hunan, Sichuan, Yunnan, Guangxi), Taiwan, Korea, Japan, Turkey

jackii fo. depauperata Grolle 1970
Germany

jacobsii S.Hatt. 1986
Philippines (Luzon)

jacquini Gotsche 1910
?Guam, Society Isl (Tahiti)

jelskii Loitl. 1895
Colombia, Peru, Bolivia

johnsonii Steph. 1894
Australia (QLD)

jovetiana von Konrat & Hentschel 2015

junghuhniana Gotsche 1845
Mascarenes, Vietnam, Indonesia (Sumatra, Java, Irian Jaya, Ceram), Philippines, Borneo, Papua New Guinea, Kermadec Isl [New Zealand], Solomon Isl, New Caledonia

junghuhniana var. bisexualis S.Hatt. 1976
Malaysia (Sabah), Borneo, Papua New Guinea

junghuhniana var. tenella (Sande Lac.) Grolle & S.Hatt. 1982
Thailand, Indonesia (Sumatra, Java), Philippines, Borneo, New Guinea (Papua New Guinea, Irian Jaya), Solomon Isl, ?Samoa (Tutuila)

junghuhniana var. tenella fo. monoica (S.Hatt.) S.Hatt. 1986
Philippines, Papua New Guinea

kagoshimensis Steph. 1910
China, Taiwan, Japan (Honshu, Kyushu, Shikoku, Tsushima, Yakushima), Ryukyu (Amami, Okierabujima, Okinawa, Tokunoshima), Korea (South), Bonin Isl

kagoshimensis ssp. hunanensis (S.Hatt.) S.Hatt. & P.J.Lin 1985
China (Hunan, Guangdong, Guangxi, Yunnan)

kalimantanensis Piippo & S.Hatt. 1992 [hom illeg] [non S.Hatt. 1986]
Philippines (Luzon)

kalimantanensis S.Hatt. 1986 [non Piippo & S.Hatt. in P. & T. 1992]
Borneo (W-Kalimantan), Indonesia

kashyapii Verd. 1932
China (Guangdong, Yunnan)

kitagawana S.Hatt. 1984
New Caledonia

klotzschii Nees 1911
Australia

knightbridgei von Konrat & de Lange 2012
New Zealand (Stewart Isl.)

koponenii S.Hatt. 1978
Russia (Siberia, Far East), Japan (Hokkaido)

kunzei (Lehm. & Lindenb.) Lehm. & Lindenb. 1845
USA (VA NC SC GA FL AL MS LA TX OK KS), Mexico, Costa Rica, Panama, Cuba, Guadeloupe, Martinique, Puerto Rico, Jamaica, Dominica, Dominican Rep, Venezuela, Galapagos Isls [Ecuador], Ecuador, Colombia, Guyana, French Guiana, Brazil, Hawaii

kunzei var. maritima R.M.Schust. 2015

laetevirens Hampe ex Gottsche, Lindenb. & Nees 1845
Peru

laeviperiantha X.L.Bai & C.Gao 2015

lancistyla Steph. 1910
Bolivia

larjiana Sushil K.Singh & D.K.Singh 2005
India

larjiana var. didyhatii S.N.Srivast. & M.Rai 2011
India

laticaulis Spruce 1890
Bolivia

latiflora Spruce 1884
Colombia

latogaleata Herzog 1949
Australia (WA)

laxiflora Spruce 1884
Costa Rica, Supalpine regions of Colombia, Bolivia, Venezuela, Peru, Ecuador, Galapagos Isls (Santa Cruz)[Ecuador], Chile

laxiflora var. crossii Spruce 1884
Colombia

leana Austin 1869
USA (OH)

leeuwenii Verd. 1930
New Guinea (Papua New Guinea, Irian Jaya), Indonesia, Vanuatu (Aneityum)

lepida S.Hatt. & Piippo 1986
New Guinea (Papua New Guinea)

letestui Vanden Berghen 1976
Cameroon, Central African Republik, Democratic Republic of Congo, Gabon,

levieri Steph. 1910 [non Schiffner ex Verd. 1930]
Guatemala

lindbergiana Gottsche 1863
Brazil

lindenbergii Lehm. 1844
Kenya, Malawi, Mozambique, Tanzania, Uganda, Zimbabwe, Seychelles (Mahé Isl), Madagascar, Mauritius, Reunion, Mascarenes, South Africa, USA, Mexico, Costa Rica, Panama, Nicaragua, Honduras, Jamaica, Guadeloupe, Dominican Rep, Venezuela, [Ecuador u/o Colombia - Gradstein in press], Brazil

lindenbergii var. fusca Gottsche, Lindenb. & Nees 1847
Mexico

lindmanii Steph. 1897
Brazil, Argentina

linii S.Hatt. 1981
China (Guangdong, Guangxi, Fujian, Yunnan)

lobatohastata Steph. 1911

Colombia, Ecuador

lobulata (Hook.) Hook. & Nees 1845

South Africa, Juan Fernandez Isl [Chile], Chile (Magallanes), Argentina (Patagonia, Tierra del Fuego)

longistipula Steph. 1891

Madagascar

longistipula var. **apiculata** Demaret & Vanden Berghen 1950

Cameroon

longistyla Yuzawa & S.Hatt. 1988

Haiti

loricata Pearson 1891

Malawi, Mozambique, Uganda, Tanzania, Madagascar

loricata var. **laxa** Pearson 1891

Madagascar

ludoviciae Steph. 1908

?Indonesia (Sumbawa), New Caledonia (Isles of Pines)

lushanensis S.Hatt. & P.J.Lin 1985

China (Hunan)

macgregorii Steph. 1894

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

macgregorii var. **rostellula** (S.Hatt.) S.Hatt. 1982

New Guinea [Papua New Guinea]

macrocephala (Lehm. & Lindenb.) Lehm. & Lindenb. 1845

Mexico, Costa Rica, Panama, Jamaica, Dominican Rep, Venezuela, Colombia, Peru, Bolivia, Ecuador

macrophylla S.Hatt. 1980

Taiwan

macularis Taylor 1846

St. Vincent

madagascariensis Gottsche 1882

Madagascar

madens Steph. 1924

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

madothecoides Spruce 1884

Peru

magellanica F.Weber & Nees 1845

Juan Fernandez Isl [Chile], Chile (Magallanes), Argentina (Patagonia, Tierra del Fuego), Falkland Isl [Argentina], Tasmania, Campbell Isl [New Zealand]

magellanica ssp. **tristaniana** (S.W. Arnell) Váña & J.J. Engel 2013

mammilligera Grolle 2003

Fossil (Eocene) in Bitterfeld amber, Germany

mammillosa S.Hatt. 1977

New Caledonia

matafaoica H.A.Mill. 1981

Samoa (Tutuila)

mauritiana Austin 1869

Mauritius

maymyoensis Svihla 1958

Burma

mcveanii S.Hatt. 1973

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

media (E.A.Hodgs.) S.Hatt. 1983

New Zealand

megalostipa Spruce 1884

Panama, Ecuador, Venezuela, Bolivia

mehrana S.Hatt. 1976

Philippines

meijeri S.Hatt. 1974

Borneo

meridana Steph. 1911

Venezuela, Colombia, Ecuador

mexicana Lindenb. 1845

Mexico

meyeniana Lindenb. 1845

China (Hainan), Taiwan, Japan (Honshu, Kyushu, Shikoku), Ryukyu (Amami), Bonin Isl (Chichijima, Hahajima), India (North: Assam, Meghalaya (Shillong, Cherrapunji)), Sri Lanka, Laos, Cambodia, Vietnam, 484-485Thailand, Burma, Malaysia (Malay Pen), Indonesia (Java, Sumatra), Philippines (Luzon), Borneo, New Caledonia, Society (Tahiti), Hawaii (Kauai, Oahu, Molokai, West Maui, Hawaii Isl)

meyeniana var. dioica S.Hatt. 1977

New Caledonia

microauriculata Verd. 1929

Sri Lanka, Indonesia (Java), Philippines (Luzon)

microauriculata var. rotundior Verd. 1929

Sri Lanka, Indonesia (Java)

microcaulis Gola 1923

Chile (Tierra de Fuego), Argentina (S Patagonia), Falkland Isl [Argentina]

microcephala Gottsche 1863

Mexico, Guatemala, Costa Rica, Panama, Brazil

microphylla (Gottsche) Pearson 1894

England [St. Kilda], Ireland, Faroe Isl, Germany (Eifel), France, Spain, Portugal, Italy, Madeira [Portugal], Azores [Portugal], Canary Isl (Fu Go Lz Pa Te)[Spain], Morocco, Tunisia

microphylla fo. corticicola Schiffn. 1936

Ireland

microphylla var. deciduifolia Grolle 1970

England, Madeira [Portugal], Azores [Portugal], Canary Isl (GC Te)[Spain]

microrhyncha L.Clark & Svihla 1950

Panama, Ecuador, Chile (Chiloe Isl)

microscopica Pearson 1922

New Zealand, New Caledonia

mirabilis J.B.Jack & Steph. 1892

Costa Rica, Panama, Venezuela, Colombia, Peru, Ecuador, Guyana

miradorensis Lindenb. & Gottsche 1847 [non Steph. 1911]

Mexico

mizoramensis Sushil K.Singh & Barbhuiya 2012

India (Mizoram)

mizutanii Kamim. & S.Hatt. 1973

Malaysia (Sabah), Borneo

moniliata (Reinw., Blume & Nees) Mont. 1842

Russia (Far East), China (Heilongjiang, Xizang, Guizhou, Guangxi, Guangdong, Hubei, Shaanxi, Yunnan, Shandong, Hunan, Anhui, Jiangxi, Fujian, Zhejiang, Sichuan, Hainan, Hongkong), Taiwan, Korea (South), Japan, India (North: Assam, Meghalaya; South: Tamil Nadu (Nilgiri Hills)), Sri Lanka, Nepal, Thailand, Vietnam, Philippines

monocera (Hook. f. & Taylor) Gottsche, Lindenb. & Nees 1845

China (Zhejiang, Anhui, Yunnan, Fujian), Taiwan, Japan (Honshu, Shikoku), Bonin Isl, Korea, India (North: Assam), Sri Lanka, Vietnam, Indonesia (Sumatra, Java), Borneo, Australia (QLD, NSW, VIC, ACT), Tasmania, New Zealand, Auckland Isl [New Zealand], Norfolk Isl, New Caledonia, Society Isl (Tahiti), Tuamotu Arch

monocera var. acutiloba (Mitt.) Hentschel & von Konrat 2015

Japan, China (Guangxi, Yunnan), Taiwan, India (North: Assam, Meghalaya (Khasi Hills); South: Tamil Nadu (Nilgiri Mts)), Sri Lanka, Thailand, Indonesia (Java)

monocera var. depauperata S.Hatt. 1984

China (Guangdong, Hainan), Taiwan, New Guinea, Australia (QLD), New Caledonia

monocera var. schiffneri (Verd.) S.Hatt. 1979

China, Taiwan, Indonesia (Java)

monocera var. subhampeana (E.A.Hodgs.) Hentschel & von Konrat 2015

Australia (NSW, QLD), New Zealand

monocera var. undulata (Kamim.) Hentschel & von Konrat 2015

Japan

monoica Steph. 1900

Chile

montagnei Gottsche 1845

Mexico, Guatemala, Costa Rica, Venezuela, Ecuador, Colombia, French Guiana, Brazil

montana Steph. 1910

India (North: Assam, Meghalaya), Burma

moritziana Lindenb. & Gottsche 1847

Mexico, Costa Rica, Jamaica, Colombia, Peru, Brazil

moritziana var. (beta) mexicana Gottsche 1863

Mexico

morobensis S.Hatt. & Streimann 1985

New Guinea

motoyana Steph. 1911

China (Hainan, Yunnan, Guangxi, Guangdong, Fujian, Hong Kong), Taiwan, Japan, Vietnam

mucronata var. submutica Lehm. & Lindenb. 1845

Peru

multilacera Steph. 1911

Indonesia (Ceram), New Guinea [Papua New Guinea], Solomon Isl, ?New Caledonia

multilacera var. lacerissima S.Hatt. 1975

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

multilacera ssp. gracilior S.Hatt. 1987

Australia (QLD)

multilaceroides S.Hatt. 1987

Australia (QLD)

multituberculata var. Hentschel & von Konrat 2015

muscolica Steph. 1894

Mongolia, Russia (Altai, Far East), Sakhalin, China (Hubei, Sichuan, Heilongjiang, Jilin, Shandong, Anhui, Jiangsu, Shanxi, Xizang, Guizhou, Hunan, Guangxi, Guangdong, Fujian, Yunnan, Hunan, Hainan, Zhejiang, Hongkong), Taiwan, Korea (N,S), Japan, Ryukyu (Amami, Okinawa, Okierabujima), Pakistan, India (South India; Central: Madhya Pradesh; North: Kashmir, Uttaranchal (Mussoorie), Assam, Meghalaya), Nepal, Thailand, Vietnam

mutilata Steph. 1911

Peru

nadeaudii Steph. 1911

Society Isl (Tahiti)

neosheana S.Hatt. 1979

Borneo (Indonesia), Australia (QLD)

nepalensis (Spreng.) Lehm. & Lindenb. 1845

China (Anhui, Shaanxi, Sichuan, Xizang, Guizhou, Guangxi, Guangdong, Fujin, Yunnan, Hunan, Zhejiang, Shandong), Taiwan, Korea, Japan, Himalayas, Nepal, Sikkim, India (North: Uttaranchal, West Bengal (Darjeeling), Assam, Meghalaya), Bhutan, Thailand, Vietnam, North Vietnam, Indonesia (Sumatra, Java, Sulawesi), Philippines, New Guinea

neurota Taylor 1846

?? Mexico, Brazil- China (Xizang, Yunnan), Pakistan, India (North: West Bengal (Darjeeling), Assam, Meghalaya (Shillong); South: Tamil Nadu (Nilgiri Mts), Nepal, Sikkim, Bhutan, Sri Lanka, Vietnam, Thailand, Burma, Indonesia (Java), Vanuatu, Samoa, Fiji (Viti Levu), Society Isl (Tahiti), Cook Isl (?Rarotonga)

nicholsonii E.A.Hodgs. 1949

New Zealand

nigricaulis (Reinw., Blume et Nees) Nees 1845

Thailand, Malaysia (Malay Pen), Inonesia (Sumatra, Java, Halmahera)

nigricaulis var. elongata Verd. 1930

Indonesia (Java)

nisquallensis Sull. 1849

Alaska, Canda (YT BC), USA (WA OR CA), Russia (Siberia, Arctic)

nivimontana S.Hatt. 1982

China (Yunnan)

nobilis Steph. 1894

Papua New Guinea

nobilis var. cochleata (Steph.) S.Hatt. 1985

Indonesia (Irian Jaya, Ceram), Papua New Guinea

nodulosa (Reinw., Blume & Nees) Nees 1845

Cameroon, Democratic Republic of Congo, Ghana, Ivory Coast, Nigeria, Sierra Leone, Tanzania, Madagascar, Seychelles, Comores, Belize, Guatemala, Honduras, Costa Rica, Panama, Puerto Rico, Cuba, Dominican Rep, Trinidad, Colombia, Guyana, Surinam, French Guiana, Brazil, Falkland Isl, China (Hainan, Yunnan), Korea (South), Japan, India (South India), Andaman Isl [India], Sri Lanka, Burma, Laos, Thailand, Vietnam, North Vietnam, Singapore, Indonesia (Sumatra, Bangka, Java, Sulawesi, Ceram, Sunda, Timor, Amboina, Kei), Malaysia, Philippines (Palawan, Luzon, Mindanao, Manila, Leyte, Cebu), New Guinea, Australia (QLD), ?New Zealand, Bismarck Arch (Admiralty Isl), Vanuatu, New Caledonia, Palau Isl, Guam, Micronesia [=Caroline Isl] (Ponape), Fiji (Mango, Viti Levu), Society Isl (Tahiti)

notarisii Steph. 1911

Borneo

novocurvirostris S.Hatt. 1981

New Caledonia, Fiji (Ovalau, Viti Levu)

novoguineensis Schiffn. 1890

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

oahuensis Hampe ex Gottsche, Lindenb. & Nees 1843

Hawaii (Kauai, Oahu, Molokai, Maui)

oakesiana Austin 1870

Norway, Sweden, Finland, Portugal, Italy, Spain, Sicily [Italy], Canary Isl, Canada (NF NS PQ ON), USA (ME VT NH MA NY VA NC TN MI WI MN)

oakesiana ssp. takayuensis (Steph.) R.M.Schust. 1992

Sakhalin, Japan

obcordata (Lehm. & Lindenb.) Lehm. & Lindenb. 1845

USA (FL GA AL MS LA SC NC VA), Honduras, Cuba, Galapagos Isls [Ecuador], Guyana, Surinam

obovata S.Hatt. 1982

China (Sichuan)

obscura (Sw.) Mont. 1840

Bioko (Fernando Po), Burundi, Cameroon, Democratic Republic of Congo, Ethiopia, Ghana, Kenya, Malawi, Mozambique, Nigeria, Rwanda, Sao Tome, Tanzania, Uganda, Zimbabwe, Madagascar, Mauritius, Reunion, South Africa (Natal), Mexico, Guatemala, Costa Rica, Panama, Jamaica, Haiti, Puerto Rico, Martinique, Ecuador, Galapagos Isl (Santa Cruz)[Ecuador], Colombia, Peru, Bolivia, French Guiana, Brazil, French Guiana, Brazil, China (Yunnan), Taiwan, India (North: Assam, Meghalaya (Shillong); South: Tamil Nadu (Nilgiri Hills, Western Ghats)), Sikkim. Bhutan, Nepal, Sri Lanka, Burma, Thailand, Vietnam, Norfolk Isl

obscura var. spiniloba (Steph.) Hentschel & von Konrat 2015

obscurifolia Mitt. 1879

Canary Isl (GC)[Spain], Angola, Annobon, Sa Tome, Burundi, Socotra, Cameroon, Central African Republik, Congo, Democratic Republic of Congo, Djibouti, Ethiopia, Ghana, Kenya, Malawi, Mozambique, Nigeria, Rwanda, Sierra Leone, Tanzania, Swaziland, Uganda, Zambia, Zimbabwe, Madagascar, Mauritius, Seychelles (Mahe, Praslin, Silhouette), Comores (Grande Comore Isl), Rodriguez, South Africa (Natal), Saudi Arabia

obtusangula Hentschel et von Konrat 2015

Taiwan

ocanniensis Steph. 1924

Colombia

ocellata S.Hatt. & Kamim. 1973

Malaysia (Sabah), Borneo (Mt. Kinabalu)

odontostipa Spruce 1890

Bolivia

okabea-nakamurae Kamim. 1974

Indonesia (Java)

okinawensis Kamim. 1982

Japan (Okinawa)

onraedtii Vanden Berghen 1976

Mauritius

orbicularis Austin 1869

Nepal, Sikkim

orientalis Sande Lac. 1855

China (Yunnan), Taiwan, ?? India, Sri Lanka, Vietnam, Malaysia (Malay Pen), Indonesia (Sumatra, Java, Sulawesi, Ceram), Philippines (Luzon), Borneo, New Guinea, Fiji (Viti Levu)

orinocensis Spruce 1883

Colombia

ornithocephala (Reinw., Blume & Nees) Nees 1845

Thailand, Malaysia (Malay Pen), Indonesia (Sumatra, Java, Sulawesi, Ceram, Amboina), Philippines

ornithocephala fo. *magnilobula* S.Hatt. 1976

Malaysia (Sabah), Borneo (Mt. Kinabalu)

ornithocephala fo. *retusa* S.Hatt. 1976

Malaysia (Sabah), Borneo (Mt. Kinabalu)

ornithocephala fo. *teres* (Sande Lac.) Verd. 1929

Indonesia (Java)

ornithocephala var. *major* (Nees) Schiffn. 1898

Indonesia (Java)

ornithocephala var. *minor* Nees 1845

Indonesia (Java)

ornithocephala var. *pilosa* Verd. 1929

Indonesia (Java)

ornithocephala var. *tuberculosa* S.Hatt. 1974

Philippines (Luzon)

osculatiana De Not. 1855

Costa Rica, Colombia

osumiensis (S.Hatt.) S.Hatt. 1956

China, Taiwan, Korea (South), Japan, Ryukyu (Okinawa)

pachyderma S.Hatt. 1978

Papua New Guinea

pallidevirens Steph. 1911

China (Yunnan, Guizhou, Fujian, Guangxi), Japan, India (North: West Bengal (Darjeeling)), Nepal, Bhutan, Burma, Thailand

pallidula S.Hatt. 1988

Australia (QLD)

pancheri Gottsche 1894

New Caledonia (Isle of Pines), ?Society Isl (Tahiti)

papillata Steph. 1911

Malaysia (Sabah), Borneo, Papua New Guinea, Indonesia (Irian Jaya)

papillilobula S.Hatt. 1975

Malaysia (Sarawak), Borneo

papuana Verd. 1930

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

papulosa Steph. 1911

Philippines (Luzon)

paradoxa Lehm. & Lindenb. 1845

Mexico, Colombia, Peru, Ecuador, Galapagos ?? [Ecuador]Peru, Bolivia

paradoxa fo. cornistipula Herzog 1952

Ecuador

paranensis Steph. 1911

Brazil

parhamii (R.M.Schust.) R.M.Schust. ex von Konrat, L. Söderstr. & A. Hagborg 2011

pariharii S.Hatt. & Thaitong 1978

Taiwan, India (North: Uttaranchal (North Garhwal, Almora, ...) to West Bengal (Darjeeling)), Nepal

pariharii fo. intermedia S.Hatt. & Thaitong 1978

India (North: West Bengal (Darjeeling), Meghalaya), Nepal

parvifolia Steph. 1910

China

parvistipula Steph. 1910

Switzerland, Spain, Italy, Sicily [Italy], Romania, Russia (Caucasus, Siberia, Far East, Altai), Sakhalin, Japan, China (Jilin, Shandong, Hunan, Guizhou, Yunnan), Taiwan, Bhutan, Thailand

patagonica Steph. 1910

Chile (Magellanes), Argentina (Patagonia)

patula Mitt. 1855

Campbell Isl [New Zealand], Snares Isl, New Zealand

pauciramea Steph. 1911

Papua New Guinea, Indonesia (Java, Irian Jaya, Seram), Australia (QLD)

pauciramea var. pauciramella S.Hatt. & Piippo 1986

Papua New Guinea

paucirameoides S.Hatt. & Piippo 1986

Papua New Guinea

pearceana Steph. 1911

Bolivia

pedicellata Steph. 1897

Taiwan, Korea (South), Japan (Honshu, Kyushu, Shikoku), Ryukyu (Amami, Ishigaki, Kume, Okinawa), Bonin Isl (Chichijima, Hahajima, Yakushima)

pentapleura Taylor 1846

Australia (ACT, NSW, QLD, SA, VIC, WA), ?Tasmania, New Zealand, Auckland Isl [New Zealand]

peruviana Gottsche 1846 [non Gottsche ex Spruce 1884]

Mexico, Guatemala, Costa Rica, Panama, Venezuela, Colombia, Peru, Ecuador, Galapagos Isls [Ecuador]

phalangiflora Steph. 1916

Panama, Bolivia, Galapagos Isls (Isabella, Santa Cruz)[Ecuador]

philippinensis Steph. 1911

China (Zhejiang), Philippines (Luzon)

physantha Mitt. 1861

China (Yunnan, Hunan, Sichuan, Xizang), India (North: West Bengal (Darjeeling), Assam, Meghalaya), Nepal, Bhutan, Sikkim, Vietnam

pilibracteola S.Hatt. 1977

New Caledonia

piliflora var. **appendiculata** Herzog 1951

Costa Rica

pilistipula Steph. 1911

New Caledonia

pinnata Feldberg, Schäf.-Verw. & Krings 2017

piptophylla S.Hatt. 1980

Papua New Guinea

piptophylla var. **minor** S.Hatt. 1986

Indonesia (Ceram)

piptophylloides S.Hatt. 1980

Papua New Guinea

pittieri Steph. 1892

Costa Rica, Panama, Peru, Colombia, Ecuador

plana Sull. 1849

USA (MA CT RI NY NJ VA WV KY OH NC TN SC GA AR)

planifolia Steph. 1910

Costa Rica, Venezuela, [[Ecuador u/o Colombia - Gradstein in press]

platycalyx Herzog 1952

Brazil, Paraguay, Argentina (Misiones, Buenos Aires)

platyphylla Colenso 1889

New Zealand

plicata Hentschel et von Konrat 2015

pluricarinata Gottsche 1864

Mexico, Colombia, Ecuador, Chile

pocsantha Thaithong & S.Hatt. 1977

Vietnam

polyclada Colenso 1889

New Zealand

polyptera Taylor 1846

China (Yunnan, Shaanxi, Guangdong), Pakistan, India (South India: Tamil Nadu (Chennai, Nilgiri Hills); North: Kashmir), Sri Lanka, Nepal, Thailand, Malaysia (Malay Pen)

polyptera var. **angustata** (Mitt.) S.Hatt. 1975

Sri Lanka, Nepal, ?New Caledonia

polysticta Lindenb. 1845

Spain, Madeira [Portugal], Azores [Portugal], Canary Isl (Fu Go GC Hi Lz Pa Te)[Spain]

ponapensis S.Hatt. & Koike 1994

Micronesia (Ponape)

pran-nathii M.Dey & D.K.Singh 2008

India (Darjeeling)

pringlei Fulford & Sharp 1990

Mexico

probosciphora Taylor 1846

Australia (WA, SA, QLD, NSW, ACT, VIC, SW), Tasmania, New Zealand (North Isl, South Isl)

prominula S.Hatt. & Streimann 1985

Papua New Guinea

propaginea S.Hatt. & Streimann 1985

Papua New Guinea

pseudericoides S.Hatt. 1982 [non S.Hatt. 1986]

Papua New Guinea

pseudoalstonii Tsudo & J.Haseg. 2006

Japan

pseudomeyeniana S.Hatt. 1986

New Caledonia

pseudomonocera S.Hatt. 1986

New Caledonia

pseudoschensiana S.Hatt. 1980

India (North: Himachal Pradesh (Simla, Dalhousie), Uttaranchal, Assam, Meghalaya), Sikkim

pseudoschensiana var. **darjeelingensis** S.Hatt. 1981

India (Eastern Himalayas: Meghalaya), Nepal

ptychantha Mont. 1843

New Zealand (North Isl, South Isl, Stewart Isl), Auckland Isl [New Zealand], Campbell Isl [New Zealand]

pulchella Herzog 1954

Chile

pulogensis Steph. 1911

Indonesia (Ceram), Philippines (Luzon)

punctata Reimers 1931

China (Kwangsi, Hainan)

purpurea Steph. 1911

Benin, Equatorial Guinea (Rio Muni), Nigeria, Sao Tome, Sierra Leone, Seychelles (Mahé Isl), Comores (Anjouan Isl), Madagascar, Mauritius

pusilla Mitt. 1871

New Caledonia, Society Isl (Tahiti)

pyncnantha (Hook.f. et Taylor) Gottsche, Lindenb. et Nees 1845

Australia (NSW, VIC), Tasmania, New Zealand

pyncnolada Grolle 2004

Fossil (Eocene) in Baltic amber, Germany

pyricalycina Steph. 1910

Bolivia

queenslandica Steph. 1910

Australia (QLD)

quillotensis (Nees & Mont.) Nees & Mont. 1839

Chile

quillotensis fo. **flaccida** Herzog 1954

Chile

quillotensis fo. **leiantha** Herzog 1954

Chile

ramuligera (Nees) Mont. 1843

China (Hainan, Yunnan), Taiwan, Japan, Bonin Isl, India, Sri Lanka, Thailand, Vietnam, Indonesia (Java, Ceram), Borneo, Philippines, Fiji (Viti Levu)

recurvistipula S.Hatt. 1975

Malaysia (Malay Pen), Indonesia (Java)

reflexistipula Sande Lac. 1853

Indonesia (Sumatra, Java, Bangka, Ceram), Philippines (Luzon), Borneo, New Guinea, Neu Caledonia, Society Isl (Tahiti)

reflexistipula var. **novocaledonica** S.Hatt. 1977

New Caledonia, Society Isl (Tahiti)

reflexistipula var. **squarrosa** S.Hatt. & Piippo 1986

New Guinea [Papua New Guinea]

regularis Schiffn. 1890

New Guinea, Bismarck Arch (New Ireland [=Neumecklenburg], Lavongai [=New Hanover], D'Entrecasteaux Isl), Solomon Isl, Vanuatu (Aneityum)

reicheana Steph. 1910

Chile

reimersii Verd. 1930

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

remotidens S.Hatt. 1872

New Guinea [Papua New Guinea]

remotiloba Steph. 1894

New Guinea

repandistipula Sande Lac. 1853

Tanzania, Madagascar, Reunion, Seychelles (Mahé Isl), Comores, Japan, Bonin Isl, Indonesia (Java, Sumatra, Ceram, Ambon)

repandistipula ssp. **queenslandica** S.Hatt. 1987

Australia (QLD)

repandistipula ssp. **spinibractea** S.Hatt. 1975

Malaysia (Sabah), Borneo

reptans var. **integristipula** Nicholson 1925

New Zealand

retusa Mitt. 1861

Himalayas, Nepal, India (North: Himachal Pradesh (Simla), Uttaranchal, West Bengal (Darjeeling), Assam, Meghalaya), Sikkim, Bhutan, Thailand

retusa var. **gymnantha** S.Hatt. & Thaitong 1978

Himalayas (W), India (North: Uttaranchal (Almora, Mussoori), West Bengal (Darjeeling))

retusa var. **hirsuta** S.Hatt. & Thaitong 1978

China (Yunnan), India (North: Assam, Meghalaya)

rhystocolea Herzog 1930

China (Yunnan, Sichuan, Xizang), India, Bhutan

rhytidantha S.Hatt. 1980

China (Yunnan), India (North: Assam, Meghalaya (Shillong))

riclegrollei Mamontov, Heinrichs, Schäf.-Verw., Ignatov & Perkovsky 2015

rigescens Spruce 1884

Peru, Bolivia

rigida Steph. 1910

Madagascar

ringens Spruce 1884

Ecuador, Colombia

rio-janeirensis (Raddi) Ångstr. 1876

Cameroon, Democratic Republic of Congo, Gabon, Ghana, Guinea, Nigeria, Principe, Sao Tome, Tanzania, USA (FL), Mexico, Belize, Guatemala, Costa Rica, Cocos Isl [Costa Rica], Panama, Cuba, Puerto Rico, Jamaica, Dominica, Dominican Rep, Guadeloupe, Martinique, Venezuela, Colombia, Ecuador, Galapagos Isls (San Cristóbal)[Ecuador], Peru, Guyana, Surinam, French Guiana, Brazil, Paraguay, Argentina, Chile, China (Yunnan), Taiwan, India (South), Sri Lanka, Vietnam, Thailand, Burma, Indonesia (Sumatra, Java, Bali, Sulawesi), Philippines, New Guinea

riparia Hampe 1838

Bulgaria, Slovenia, Spain, Italy, Austria, Bulgaria, France, Switzerland, Norway, Canary Isl, USA (NH VT MA CO NM CT NY NJ PA DC WV VA NC TN AL FL IL OH KY IN WI MN IA KS AR OK TX), Mexico, Revillagigedo Isls [Mexico], Nicaragua, Cuba, ??
India

rizalli Piippo & S.Hatt. 1992

Philippines (Luzon)

rostellata Mitt. 1867

Tasmania, New Zealand

rostrata (Hook.f. & Taylor) Gottsche, Lindenb. & Nees 1845

Australia (NSW, QLD, VIC, ACT), Tasmania, New Zealand, Auckland Isl [New Zealand], Antipode Isl [New Zealand], Campbell Isl [New Zealand], Macquarie Isl [Australia]

rovnoi Mamontov, Hentschel, Konstant., Perkovsky & Ignatov 2017

rubella Gottsche 1889

Australia (QLD, NSW)

rubella var. elongata (Steph.) S.Hatt. 1983

Australia (QLD, NSW)

rudolfiana S.Hatt. 1972

New Guinea

rupicola Steph. 1924

Mexico

sabahana S.Hatt. 1976

Borneo (Sabah)

sabaliana R.M.Schust. 1983

USA (FL)

sabanetica Gottsche 1864

Colombia, Ecuador

sackawana Steph. 1897

China (Yunnan, Hainan), Taiwan, Japan, Laos, Thailand

saepidentata S.Hatt. & Streimann 1985

saipanensis S.Hatt. & Koike 1994

Northern Marianas (Saipan Isl)

sarawakensis S.Hatt. 1976

Indonesia (Sulawesi), Borneo

scalaris S.Hatt. 1977

New Caledonia

scandens Mont. 1843

Australia (VIC), Tasmania, New Zealand (North Isl, South Isl), Auckland Isl [New Zealand], Antipode Isl [New Zealand], Campbell Isl [New Zealand], Stewart Isl

schaefer-verwimpii Yuzawa & S.Hatt. 1989

Brazil

schensiana C.Massal. 1897

China (Hunan, Hubei, Yunnan, Shaanxi, Sichuan, Anhui, Inner Mongolia, Xizang, Jiangxi), Taiwan, Korea (South), Japan, Nepal, India (North: West Bengal (Darjeeling)), Sikkim, Bhutan, Thailand

schensiana var. **punctata** (S.Hatt.) Kamim. 1961

Japan

schiffneri Verd. 1929

Indonesia (Sumatra)

schimperi Nees 1845

Burundi, Cameroon, Ethiopia, Kenya, Rwanda, Uganda, Tanzania, Socotra, Madagascar

schimperi var. **laciniata** Vanden Berghen 1976

Madagascar

schumannii (Caspary) Grolle 1981

Fossil (Eocene) in Baltic & Bitterfeld amber, Germany

schusterana S.Hatt. 1972

New Guinea [Papua New Guinea]

schusteri S.Hatt. 1988

Australia (QLD)

scottiana S.Hatt. 1987

Australia (QLD)

selwyniana Pearson 1890

Canada (PQ ON), USA (ME VT NH OH MI WI MN)

semienana Gola 1914

Ethiopia

semivillosa Lindenb. & Gottsche 1847

Mexico, Panama, Brazil

semivillosa var. (beta) **glabra** Lindenb. & Gottsche 1847

Mexico

sergiae Sim-Sim, Fontihna, Mues & Lion 2000

Madeira [Portugal]

seriata Gottsche 1889

Australia (NSW, QLD)

seriatifolia Steph. 1894

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

serrata Gottsche 1845

Cameroon, Democratic Republic of Congo, Ethiopia, Kenya, Malawi, Mozambique, Rwanda, Sao Tome, Tanzania, Uganda, Zimbabwe, Madagascar, Mauritius, Reunion, Comores, South Africa, Ecuador, ?French Guiana, Brazil, China (Yunnan, Hainan), Taiwan, Japan, Sri Lanka, India (North: Assam, Meghalaya; South: Tamil Nadu (Kodaikanal)), Thailand, Vietnam, Malaysia (Malay Pen, Sabah), Borneo, Indonesia (Java, Sumatra, Sulawesi), Borneo, Philippines (Luzon, Minsanao), Australia (QLD, NSW), Vanuatu (Aoba), New Caledonia, Samoa (Savaii, Upolu), Fiji (Ovalau, Viti Levu), Society (Tahiti), Marquesas

serrata fo. crispulo-dentata Verd. 1929

Sri Lanka, Indonesia (Sumatra, Java, Sulawesi, Ceram), Borneo, Philippines, New Guinea

serrata fo. vogelkopensis S.Hatt. 1982

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

serrata var. ceramensis S.Hatt. 1986

Indonesia (Ceram)

serrata var. hamatispina (S.Hatt.) S.Hatt. 1982

New Guinea (Papua New Guinea, Irian Jaya), Indonesia (Ceram)

serrata var. oceanica Verd. 1937

Samoa (Savaii)

serrata var. pertenuis (Nees) Gottsche 1845

Democratic Republic of Congo, Rwanda, Tanzania, Madagascar, Comores, India, Sri Lanka, Indonesia (Java), Philippines, New Caledonia, Society Isl (Tahiti)

serrata ssp. grolleana (S.Hatt.) S.Hatt. 1982

New Guinea

serrata ssp. spinistipula (S.Hatt.) S.Hatt. 1982

Papua New Guinea, indonesia (irian Jaya)

serrifolia Steph. 1911

Cuba

setacea S.Hatt. 1988

Papua New Guinea

setchellii Pearson 1923

New Zealand

setigera Steph. 1894

Mexico, Guatemala, Costa Rica, Panama, Ecuador, Trinidad, Brazil

shanensis Svihla 1957

Burma, Thailand, Nepal, India (North: West Bengal (Darjeeling))

sharpantha Udar & Ad.Kumar 1983

India (North: West Bengal (Darjeeling))

sharpii S.Hatt. 1974

Philippines (Luzon)

sheana S.Hatt. 1979

Australia (QLD)

simmondsii Steph. 1914

Australia (QLD)

sinensis Steph. 1906

China (Heilongjiang, Gansu, Sichuan, Shaanxi, Hunan, Yunnan, Manchuria), Mongolia, Pakistan (Murree)

sinosphaerantha S.Hatt. & P.J.Lin 1985

China (Yunnan)

sinskeana J.J.Engel & B.C.Tan 1986

sinuata Sande Lac. 1853

Thailand, Vietnam, Malaysia (Malay Pen), Indonesia (Java, Sumatra, Sulawesi), Philippines, Borneo, New Guinea (Papua New Guinea, Irian Jaya)

sinuata fo. **parvistylata** S.Hatt. in Grolle & Piippo 1984

New Guinea

socotrana Mitt. 1888

Cape Verde Isl, Cameroon, Democratic Republic of Congo, Kenya, Mozambique, Socotra, Tanzania, Uganda, Madagascar, ? Mauritius, South Africa (Cape), Lesotho, Socotra, Yemen Rep

solanderiana Colenso 1889

New Zealand

sp. nov. 1

speciosa Herzog 1949

Brazil

spgazzinii M.E. Reiner 1988

Argentina (Entre Ríos, Buenos Aires)

sphaerantha S.Hatt. 1980

India (North: Assam, Meghalaya (Shillong))

sphaerocephala Spruce 1884

Costa Rica, Ecuador, Colombia, Peru

sphaerolobulata S.H.Lin 1997

Taiwan (endemic)

spicata (Lehm. & Lindenb. in Lehm.) Lehm. & Lindenb. 1845 [non Steph. 1910]

Brazil

spinifera Taylor 1846

Australia (NSW, QLD), ?Tasmania, New Zealand, Auckland Isl [New Zealand]

spinigastria S.Hatt. 1979

Australia (NSW)

spinipluca S.Hatt. 1972

New Guinea [Papua New Guinea]

spinistipula Steph. 1911 [non S.Hatt. 1972]

New Caledonia

spongiosa Steph. 1894

Cape Verde Isl, Angola, Cameroon, Democratic Republic of Congo, Equatorial Guinea (Rio Muni), Ghana, Ivory Coast, Nigeria, Benin, Tanzania, Zimbabwe, Uganda, Madagascar, Seychelles Islands (Mahé Isl), South Africa

squamuligera Spruce 1884 [non Goebel 1928]

Ecuador, Bolivia

squarrosula (Hook.f. et Taylor) Gottsche, Lindenb. et Nees 1845

Australia (SA, NSW, QLD, VIC), New Zealand, New Caledonia

standaertii Steph. 1910

{High altitude forests of} Peru, Colombia, Bolivia

steereana S.Hatt. 1987

Australia (QLD)

stenostipa Spruce 1884

Costa Rica, Bolivia, Ecuador, Chile

stipatiloba Steph. 1894

Juan Fernandez Isl [Chile], Chile (Chiloe), Argentina (Patagonia, Tierra del Fuego),

streimannii S.Hatt. 1983

Australia (NSW)

stylifera (R.M.Schust.) R.M.Schust. 1992

USA (MN)

subarctica Vilnet, Borovich. & Bakalin 2014

subcaduca S.Hatt. 1974

Indonesia (Ceram), New Guinea [Papua New Guinea]

subclavata Steph. 1910

India (North: Uttaranchal (Mussoori, Nainital), West Bengal (Darjeeling)), Bhutan, Nepal

subdentata Steph. 1911

New Guinea (Papua New Guinea, Irian Jaya), Indonesia

subdentata fo. longistipula S.Hatt. 1978

New Guinea

subdentata var. latistipula (S.Hatt.) S.Hatt. 1982

subdilatata C.Massal. 1906

China

subincumbens S.Hatt. 1987

Lord Howe Isl

sublignosa Steph. 1894

Singapore, Malaysia (Malay Pen), Indonesia (Banka, Ceram), Philippines, Borneo, New Guinea

submultilacera S.Hatt. & Koike 1994

Palau Isl

subnigricaulis S.Hatt. 1973

Malaysia (Malay Pen), Indonesia (Java), Borneo, New Guinea

subnigricaulis var. subtruncata S.Hatt. 1975

Indonesia (Java, Ceram), Borneo, New Guinea [Papua New Guinea]

subocellata S.Hatt. 1986

Indonesia (Ceram)

subpedicellata S.Hatt. 1980

India (North: Uttaranchal (Mussoorie), Assam, Meghalaya (Shillong))

subpilibracteola S.Hatt. 1977

New Caledonia

subpyricalycina Herzog 1954

Chile

subsquarrosa S.Hatt. 1972

New Guinea [Papua New Guinea]

subtilissima (Nees ex Mont.) Lindenb. 1845

Dominican Rep, Dominica, Puerto Rico, Guadeloupe, Jamaica, Martinique, Ecuador [?], French Guiana, Brazil

subtropica Steph. 1910

Australia (NSW, QLD)

subtruncata Steph. 1910

Costa Rica, Panama

subvalida S.Hatt. & Thaitong 1978

Laos

supradecomposita (Lehm. & Lindenb.) Lehm. & Lindenb. 1845

Brazil

svihlana S.Hatt. 1983

New Zealand

sylvestris Sim 1926 [non sylvestris Steph. 1908]

Democratic Republic of Congo, Zambia, South Africa

tagawana (S.Hatt. & Thaitong) S.Hatt. 1985

China (Yunnan), India (North: West Bengal (Darjeeling), Assam, Meghalaya), Thailand, Laos

taiheizana Horik. 1934

Taiwan (endemic)

tamarisci (L.) Dumort. 1835

Iceland, England, Ireland, Norway, Iceland, Germany, Turkey, Portugal, Spain, Andorra, Sardinia, Corsica, Greece (Crete, Rhodes, Corfu), Balearic Isl, Slovenia, Albania, Croatia, Bosnia-Herzegovina, Serbia-Montenegro, Macedonia, Hungary, Bulgaria, Madeira [Portugal], Azores [Portugal], Canary Isl (Fu Go GC Hi Lz Pa Te) [Spain], Cape Verde Isl, Morocco, Algeria, Tunisia, Alaska, Canada (NF NS), USA (ME RI NH VT MA CT NY VA NC SC MS AR), Brazil ?, Russia (Arctic, Caucasus, Siberia, Far East, Altai), Armenia, China (Shandong, Anhui, Shaanxi, Yunnan, Zhejiang, Fujian, Guiyang, Guangxi), Taiwan, Turkey, Lebanon, Iran

tamarisci var. atlantica Schiffn. 1936

Ireland

tamarisci var. atrovirens Carrington 1863

Ireland, Turkey

tamarisci var. cornubica Carrington 1878

Norway, Ireland, Canary Isl (Te) [Spain]

tamarisci var. laxa Nees 1845

Norfolk Isl

tamarisci var. mediterranea (De Not.) Nees 1845

Corse [France], Sardinia [Italy], Portugal, Madeira [Portugal], North Africa

tamarisci var. robusta Lindb. 1875

Ireland, Norway, Morocco

tamarisci var. robusta fo. brunnea Schiffn. 1936

tamarisci var. sardoa (De Not.) De Not. 1865

Sardinia [Italy], Italy, Portugal, Madeira [Portugal]

tamarisci var. schiffneri Nicholson 1933

Great Britain, Ireland, Portugal, Madeira [Portugal]

tamarisci var. vietnamica Hatt. (Hatt.)

China (Sichuan, Yunnan), Vietnam

tamarisci ssp. obscura var. elongatistipula (Verd.) S.Hatt. 1985

China (Xizang, Yunnan)

tamarisci ssp. obscura var. vietnamica (S.Hatt.) S.Hatt. 1985

tamsuina Steph. 1910

China, Taiwan, Japan, Ryukyu (Okinawa, Ishigaki, Iriomote, Kikaijima, Yoronjima), Burma?, New Guinea?

taradakensis Steph. 1910

Russia (Far East), China (Inner Mongolia, Hubei, Heilongjiang, Jilin, Liaoning, Yunnan, Gansu, Shaanxi, Zhejiang), Japan, Korea (South)

taxodiocola R.M.Schust. 1983

USA (FL)

teneriffae (F.Weber) Nees 1838

England [St. Kilda], Ireland, Portugal, France, Spain, Madeira [Portugal], Azores [Portugal], Canary Isl (Fu Go GC Hi Pa Te) [Spain], Morocco, ?China (Zhejiang)

teneriffae fo. explanata (Macvicar) Bisang, Schumacker, Sérgio & Grolle 1988

Great Britain

teneriffae var. germana (Taylor) Bisang, Schumacker, Sérgio & Grolle 1988

Ireland

tenuirostris Steph. 1911

New Caledonia

ternatensis Gottsche 1846

Taiwan, Sri Lanka, Vietnam, Laos, Malaysia (Malay Pen, Sabah), Indonesia (Sumatra, Bangka, Java, Ceram, Sulawesi, Ternate), Borneo, Philippines (Luzon, Mindanao, Negros, Palawan), New Guinea, Vanuatu (Aneityum), Fiji (Viti Levu)

ternatensis var. non-appendiculata S.Hatt. 1974

China (Hainan), Taiwan, Indonesia (Sumatra, Bali, Ceram), Borneo, Philippines, New Guinea, Australia (QLD), Fiji

tetraptera Nees & Mont. 1838

Mexico, Venezuela, Colombia, Peru, Brazil, Paraguay, Chile, Argentina

thiersiae S.Hatt. 1988

Australia (QLD)

thouvenotiana var. Larraín, von Konrat, B.E.Carter & Aguero 2018

tixieri S.Hatt. 1976

New Caledonia

tjibodensis S.Hatt. & Thaithong 1977

Indonesia (Java)

togashiana S.Hatt. 1975

Malaysia (Malay Pen)

tongariroense Colenso 1889

New Zealand

toropuku von Konrat, de Lange & Larraín 2013

trianaе Gottsche 1864

Colombia

tricarinata Sande Lac. 1856

Malaysia (Sabah), Borneo, Indonesia (Java, Bali)

trichodes Mitt. 1862

China (Guangdong, Hainan, Yunnan, Hong Kong), Taiwan, S Japan, Burma, Thailand, Vietnam, Indonesia (Sumatra, Java), Borneo, New Guinea, Philippines, Solomon Isl, Fiji (?Viti Levu)

trigona L.Clark, Jovet-Ast & Frye 1947

Guadeloupe

trinervis (Lehm.) Drège 1843

Angola, Bioko, Cental African Republic, Congo, Ethiopia, Ghana, Guinea, Kenya, Malawi, Mozambique, Nigeria, Sierra Leone, Tanzania, Uganda, Zambia, Zimbabwe, Socotra, Seychelles (Mahé Isl, Praslin Isl), Madagascar, South Africa (Natal), Lesotho, Saudi Arabia, Yemen Rep

triquetra Lindenb. & Gottsche 1847

Mexico, Guatemala, Peru, Bolivia, Brazil

trollii Herzog 1942

Colombia

truncata Caspary 1887

Fossil (Eocene) in Baltic & Bitterfeld amber, Germany

truncatistyla von Konrat, Hentschel, Heinrichs & Braggins 2011

New Zealand

tubercularis S.Hatt. & P.J.Lin 1985

China (Yunnan, Shaanxi)

tunguraguana L.Clark & Frye 1952

Anden of Colombia, Ecuador, Bolivia, Argentina

turfosa Lindenb. & Gottsche 1847

Mexico

tuyamae S.Hatt. & Thaithong 1978

India (North: Manipur (Ukhrul)), Laos

ucrainica Konstantinova & Ignatov 2012

Fossil (Late Eocene) in Rovno amber, Ukraine

udarii V.Nath & Ajit P.Singh 2006

India (Eastern Himalayas: Megalaya)

uleana Steph. 1894

Mexico, Panama, Cuba, Haiti, Martinique, Guadeloupe, Venezuela, Trinidad, Galapagos Isls [Ecuador], Guyana, Surinam, Brazil

umbonata Mitt. 1911

New Guinea (Irian Jaya), Indonesia, Solomon Isl (Guadalcanal),

usambarana Schiffn. 1894

Tanzania, Madagascar, Reunion

usambarana var. reducta Vanden Berghen 1976

Tanzania, Madagascar, Reunion

usamiensis Steph. 1897

China (Liaoning), Korea (South), Japan

utriculata Steph. 1894

New Guinea, Solomon Isl (Guadalcanal), Vanuatu (Aneityum, Futuna), New Caledonia, Samoa (Savaii, Tutuila, Upolu), Micronesia [=Caroline Isl] (Ponape)

vaga Mitt. 1871

Fiji (?Viti Levu)

vaginata (Sw.) Nees 1846

?Malaysia (Malay Penins), Indonesia (Sumatra, Java, Amboina)

vaginata var. **nigricans** (Gottsche, Lindenb. & Nees) Schiffn. 1898

valdiviensis J.B.Jack & Steph. 1894

Chile

valida Steph. 1910

China (Zhejiang, Yunnan, Anhui, Guangdong, Guangxi, Shandong), Taiwan, Japan

valparaisiana Lehm. 1857

Chile

vandenberghenii Pócs 1979

Uganda, Madagascar

van-zantarii Kamim. & S.Hatt. 1973

New Guinea

variabilis Steph. 1910

Australia (NSW)

varians Caspary 1887

Fossil (Eocene) in Baltic & Bitterfeld amber, Germany, Ukraine

variegata Steph. 1894

Burundi, Cameroon, Malawi, Rwanda, Tanzania, Madagascar, Reunion, South Africa, Society Isl (Bourbon)

venusta S.Hatt. 1974

Borneo (endemic)

verdoorniana S.Hatt. 1973

New Guinea (Papua New Guinea, Irian Jaya), Indonesia, Solomon Isl

victoriensis Steph. 1910

Australia (QLD, NSW, VIC)

vitalii Yuzawa & S.Hatt. 1988

Brazil

vittata S.Hatt. 1974

New Guinea [Papua New Guinea] (endemic)

vittata fo. **denticulata** S.Hatt. 1980

New Guinea (endemic)

vittiana S.Hatt. 1987

Lord Howe Isl

vivipara Pócs 2008

Fiji

wagneri Steph. 1910

Panama

wairua von Konrat & Braggins 2005

New Zealand (North Isl)

wandoorensis Chavan 1992 [Thesis]

wangii S.Hatt. & P.J.Lin 1985

China (Xizang, Yunnan)

warnckeana S.Hatt. 1974

Thailand, Laos

warnckeana var. **dentosa** S.Hatt. 1977

Vietnam

weberbaueri Steph. 1911

Peru

winteri Steph. 1910

Mexico, Colombia, Venezuela, Bolivia

winteri var. **vanderhammenii** (Haarbrink) Yuzawa 1991

Colombia, Ecuador

yuennanensis Steph. 1894

China (Yunnan, Sichuan, Xizang, Guangdong, Fujian), Taiwan, Himalayas (W), India (North: Uttaranchal (Dwali), West Bengal (Darjeeling)), Nepal, Sikkim, Bhutan, Thailand

yuennanensis var. **siamensis** (N.Kitag., Thaithong & S.Hatt.) S.Hatt. & P.J.Lin 1985

China (Guangxi, Yunnan), Thailand, Bhutan

yuzawana S.Hatt. 1981

Taiwan (endemic)

zangii S.Hatt. & P.J.Lin 1985

China (Sichuan, Yunnan, Xizang)

zenoskeana S.Hatt. 1984

Bonin Isl & Volcano Isl, Japan

zhenjingensis (C. Gao & G.C. Zhang) Y. Jia & S. He 2013

China

This is a working document in progress. If something is missing, if there are mistakes or errors, or if you are interested in the literature on which this paper is based, please send me an email.

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