

*Thladiantha calcarata*

Anerincleistus vestitus

Euphorbia loandensis

***Polyalthia mortehanii***

Ouratea nervosa

***Helicteres longepedunculata***

Vernonia decaryana

*Spartina laevigata*

Hosackia strigosa

Marcellia villosa

**Rubus × pajalensis**

Pteris burtonii

*Hohenbergia pabstii*

Galatella deflexa

Cardiospermum dissectum

Berberis subpteroclada

**China, Xizang (Tibet)**

**China, Yunnan, Pingbian**

**Japan**

Australia (Country), New South Wales

***Philippines, Palawan***

*China, Sichuan*

China, Yunnan

**Japan, Kyoto**

Papua New Guinea, Morobe

China, Qinghai, Gade

***China, Sichuan, Emei***

***Philippines, Laguna Province***

Afghanistan

Australia (Country), Queensland,  
Moreton

***Thailand, Chiang Mai***

Philippines

*Saussurea ladyginii*

Spermacoce spinosa

Avena hirtifolia

Fuchsia inflata

**Paepalanthus bongardii**

Glomera ambuensis

*Xyris pectinata*

Persicaria purpurata

*Patagonium aegiceras*

**Polystichum salwinense**

Trineuria fuscescens

Gentianodes chinensis

**Anadelphia liebigiana**

Horsfieldia subglobosa

**Pelargonium myrrhifolium**

*Clusia ternstroemioides*

China, Sichuan, Pingwu

Vanuatu, Tafea

Philippines, Benguet

**Australia (Country)**

**China, Yunnan, Simao**

**China**

China, Yunnan, Gongshan

China, Yunnan, Deqen

**Australia (Country), Western**  
**Australia**

**China, Sichuan, Kangding**

India, Meghalaya

*China, Yunnan, Tengchong*

*Philippines, Agusan*

Papua New Guinea, Morobe Province

**China, Qinghai, Maqen**

China, Sichuan, Songpan

Erica velleriflora

***Pleurothallis pisifera***

*Hieracium chamaeadenium*

*Uragoga spachiana*

**Microglossa salicifolia**

Kentrophyllum elatum

Myrcia haenkeana

Adinandra plagiobasis

Agave neomexicana

Dalechampia microphylla

Eupatorium subcapitatum

**Alopecurus × marssonii**

Monnina macrocarpa

Baccaurea henii

Quercus glabrescens

Heliotropium cabulicum

New Caledonia

*China, Macau*

China, Gansu

China, Yunnan, Jinghong

Indonesia, Papua Barat, Papua

**China, Sichuan, Sertar**

**Papua New Guinea, North  
Solomons**

Thailand, Nakhon Nayok, Mueang Nakhon Nayok

Nepal

Papua New Guinea, Milne Bay, Raba Raba

**Japan, Nagasaki**



Pakistan, Punjab

China, Yunnan, Zhongdian

**Papua New Guinea**

Malaysia, East Malaysia,  
Sabah, West Coast Division

China, Qinghai, Nangqen

Eucapnos formosa

Salacia menglaensis

Arabis microsperma

Grammitis sprucei

*Erysimum karelinianum*

Cyclosorus immersus

Aconitum tricorne

***Hemerocallis cordifolia***

Taeniophyllum leeuwenii

**Yucca treleasei**

**Galium rourkei**

Nassella famatinensis

*Neolitsea arfakensis*

**Bauhinia mucara**

**Garcinia hookeri**

**Platanthera foetida**

*Malaysia, East Malaysia, Sarawak,  
Miri Division*

*Sri Lanka*

China, Guizhou

Malaysia

**China, Qinghai**

China, Guangxi

**Australia (Country), Queensland**

*China, Sichuan, Luding*

China, Hainan

**China, Sichuan, Dujiangyan**

Philippines, Luzon Island, Apayao

**China, Anhui, Dongzhi**

China, Hong Kong

China, Sichuan, Baoxing

China, Yunnan, Dali

Philippines, Leyte

*Glyceria rigida*

*Symplocos nivalis*

Codiaeum stewartii

Cissampelos triloba

*Carex elibates*

Artocarpus chama

Rubus adpersus

Amylothea apodotrias

Dioscorea anchietae

Anapausia nicotianifolium

**Delosperma grantiae**

Diellia × laui

Fagopyrum chinense

**Amaranthus chihuahuensis**

Tillandsia pachyaxon

**Vaccinium gualtheriifolium**

*Indonesia, Jawa, Jawa Barat (W. Java)*

China, Yunnan, Fugong

Tonga

# **New Zealand**

China, Sichuan, Shimian

China, Fujian, Fuzhou

***India, Sikkim***

**Malaysia, Peninsular Malaysia, Negeri Sembilan**

China, Yunnan, Weixi

***China, Taiwan, Miaoli***

Indonesia, Lesser Sunda Islands,  
Nusa Tenggara Barat (W. Sunda Isl.)

Philippines, Luzon Island

***Indonesia, Kalimantan, Kalimantan Barat (W. Kalimantan)***

***Australia (Country), Queensland,***

***North Kennedy***

*China, Yunnan, Lijiang*

**Australia (Country), South Australia**

***Alstonia theaeiformis***

Euonymus theifolius

**Malaxis radicicola**

**Acacia hypacantha**

**Cirrhopetalum capitatum**

Salvia granatensis

***Verbascum × sibyllinum***

Miquelia thorelii

**Rhynchospora lindeniana**

Eucalyptus acervula

## **Thymus repens**

Indigofera angustifolia

Erysimum torulosum

Calceolaria sparsiflora

Siphonochia erecta

Miconia cosangensis

China, Sichuan, Wenchuan

Samoa, Savai'i

Vietnam

Micronesia, Federated States of

Philippines, Batangas



*Thailand, Krabi*

*China, Yunnan, Malipo*

China, Hubei

India

*Philippines, Quezon Province*

China, Xizang (Tibet), Zogang

China, Yunnan, Xishuangbanna

China, Sichuan, Chengdu

Papua New Guinea, Gulf

Malaysia, Peninsular Malaysia, Pahang

*Fiji*

**Bulbophyllum brienianum**

**Kennedia makoyana**

**Ranunculus tridens**

**Acidosasa longiligula**

Plantago calabrica

**Paspalum kora**

Obione clivicola

Diodia villosa

Hyptidendron albidum

*Tapura lanceolata*

Triticum × soveticum

**Miscanthus neocoreanus**

# **Cyclosorus alanii**

*Malanea verticillata*

## ***Henriettella lawrancei***

Delphinium wellbyi

**China, Yunnan, Xiaguan**

Malaysia, Peninsular Malaysia, Malacca

***Hawaii, Hawaii County***

**Myanmar**

Papua New Guinea, Madang

Malaysia, East Malaysia, Sabah

**China, Taiwan**

Fiji, Eastern Division, Ovalau  
Island

*China, Yunnan, Yongping*

China, Xinjiang Uygur

**Russia, Kamchatskiy Kray**

China, Yunnan, Qiaojia

Papua New Guinea, Southern Highlands

Hawaii, Honolulu County

**South Korea**

*Papua New Guinea, Northern*

Ornithoxanthum fistulosum

***Dendrostylis microphylla***

Plumbago lactea

Papaya chilensis

Dalea glabrescens

Isachne humicola

Memecylon kratense

*Viola transsilvanica*

Mikania bracteosa

Huperzia funicula

Bellevalia crassa

Bowlesia oppositifolia

Amelanchier botryapium

**Atalantia littoralis**

*Ophrys minoa*

**Myrica octandra**

*China, Fujian*

*Philippines, Cotabato  
Province*

**Philippines, Davao**

**Vietnam, Tay Ninh**

**China, Yunnan, Shuangjiang**

China, Yunnan, Jianshui

**Solomon Islands, Guadalcanal**

China, Yunnan, Yangbi

China, Guangdong

*Thailand*

Indonesia

India, Tamil Nadu, Dharmapuri

*Thailand, Chiang Mai, Chom Thong*

China, Shandong

**China, Sichuan, Lixian**

*Salacia sulfur*

Ehretia dicksonii

***Octodon filifolius***

*Hesperis pinnatifida*

Psephellus cabardensis

Piper uncatum

Xolemia shortiana

Serruria chlamydiflora

*Opilia amentacea*

***Howellia valdiviana***

Allophylus rufescens

Chaetogastra lanceolata

Celastrus schlechteri

***Castilleja fissifolia***

Heracleum rechingeri

*Miconia antillana*

China, Sichuan, Heishui

*Russia, Dagestan A.S.S.R.*



Cambodia

Papua New Guinea, Milne Bay

Indonesia, Sulawesi, Sulawesi Selatan (S. Sulawesi)

Malaysia, East Malaysia,  
Sarawak

Japan, Fukushima

*Philippines, Negros Oriental*

China, Zhejiang

Thailand, Prachuap Khiri Khan,  
Hua Hin

**Myanmar, Rangoon**

China, Sichuan, Hongya

*Malaysia, Peninsular Malaysia, Perak*

*Hawaii, Maui County*

***Philippines, Mindoro Island, Mindoro Oriental Province***

China, Sichuan, Jiulong

*Moerenhoutia commelynae*

**Kohautia coccinea**

***Calandrinia sanfurgoi***

Eugenia rodriguesii

Ayapana towarensis

*Astridia alba*

**Heliotropium erectum**

**Tricerma texana**

*Phyteuma persicifolium*

*Coprosma villosa*

Carduus propinquus

Bergia glandulosa

**Chamaepitys tridactylites**

Phoradendron randiae

Rondeletia hypoleuca

*Spergularia spruceana*

Indonesia, Java

*Singapore*

*China, Hubei, Shennongjia*

**Philippines, Cagayan**

**Japan, Hyogo, Mino**

China, Yunnan, Lincang

**Australia (Country), Victoria**

**China, Sichuan, Muli**

*Japan, Tokyo*

**China, Qinghai, Chindu**

**China, Xizang (Tibet),  
Riwoqe**

**Papua New Guinea, Western**

*Papua New Guinea, Central*

China, Yunnan, Kunming

*China, Sichuan, Luhuo*

China, Shandong, Feixian

*Geracium cydoniifolium*

**Pentacrypta atropurpurea**

*Erophila muscosa*

Emilia libeniana

**Limonium oristanum**

Vernonia pseudocentauropsis

*Ceropegia dinteri*

Combretum meruense

***Egletes floribunda***

Piper lacunosum

*Hemianemia glareosa*

Romulea longifolia

*Medinilla kandavuensis*

Chenopodium americanum

Stemona curtisii

*Crotalaria lupinifolia*

**American Samoa**

Bhutan

Russia, Khakass A. Oblast

China, Sichuan, Guanxian

*Papua New Guinea, Central, Goilala*

**China, Hainan, Qiongzhong Li**

**and Miao**

China, Yunnan, Mengzi

**Hawaii, Kauai County**

*China, Sichuan, Mabian*

Indonesia, Sumatera

**China, Sichuan, Leshan**

Indonesia, Sulawesi, Sulawesi Tengah (C. Sulawesi)

Sri Lanka, Kegalle, Kegalle

**China, Yunnan, Xichou**

*China, Yunnan, Lanping*

*Philippines, Mindanao*

Tinantia modesta

*Aquilegia champagnatii*

*Amphidasya bullata*

Urochloa ovalis

*Asplenium nigricans*

Plinia oblongata

Physurus paleaceus

**Lactuca birjandica**

*Ficus ovalifolia*

*Araucaria excelsa*

**Curcuma latifolia**

Josemania asplundii



Brunia thomae

Hieracium subpanduratum

*Juniperus przewalskii*

**Psychotria maxonii**

Thailand, Mukdahan

*China, Jilin, Changbai Chaoxian*

India, Jammu and Kashmir

Vanuatu

*Malaysia, East Malaysia, Sabah, Tawau  
Division*

**China, Guangxi, Shangsi**

China, Hunan

**Palau**

China, Anhui

*China, Yunnan, Weishan*

India, Assam

Japan, Hokkaido

**Fiji, Viti Levu**

Russia

**China, Taiwan, Taipei**

**Sipanea rupicola**

**Podostemum scaturiginum**

*Nematoceras orbiculatum*

Isoglossa ventricosa

Eremophila paisleyi

Goniophlebium thyssanolepis

Coelogyne dentata

*Setaria streptobotrys*

Diastema pcitum

Monogynella tiricensis

Barkhausia chaetocephala

Trifolium aciculare

**Calea ferruginea**

*Pleurothallis questionis*

**Allium orientale**

*Koelreuteria edulis*

*Philippines, Lanao del Sur*

Thailand, Lamphun, Mae Tha

*Thailand, Lop Buri, Phatthana Nikhom*

China, Yunnan, Lushui

Philippines, Bohol

Papua New Guinea, Simbu

Papua New Guinea, Morobe,  
Lae

Malaysia, East Malaysia, Sabah,  
Sandakan Division

**Philippines, Mountain Province**

*China, Sichuan, Xichang*

**Indonesia, Kalimantan, Kalimantan Timur (E. Kalimantan)**

Indonesia, Sulawesi, Sulawesi Tenggara (S.E. Sulawesi)

*Japan, Ryukyu Islands*

Philippines, Romblon

China, Yunnan, Jiangchuan

**China, Yunnan, Wenshan**

Tephrosia lamprolobioides

***Myrmecostylum clavatum***

Trifolium × jankae

*Xyris strobilifera*

× Serapicamptis tommasinii

Cyperus digitatus

**Cyphostemma pseudonjegerre**

*Dupatya decussa*

Huperzia ovatifolia

***Consolea microcarpa***

Appendicula wenzelii

**Geboscon carneum**

Rourea vulcanicola

Podochilus unciferus

*Tupacamaría hysterantha*

Anthanotis procumbens

**China, Yunnan, Mengla**

Philippines, Bataan

Nepal, Eastern, Solukhumba

Malaysia, East Malaysia, Sabah, Interior Division

**Papua New Guinea, Eastern  
Highlands, Goroka**

**China, Yunnan, Menghai**

*Papua New Guinea, Eastern Highlands*

*China, Sichuan, Xiaojin*

Malaysia, Borneo

**China, Yunnan, Dongchuan**

French Polynesia

Australia (Country), Tasmania

*China, Sichuan, Baiyu*

*China, Shanxi*

***India, Tamil Nadu, Chennai***

China, Xizang (Tibet), Nyingchi

Salacia coronata

Alchemilla ellenbergiana

**Moraea fugax**

*Embelia hillebrandii*

**Phymatopsis oblongifolia**

Leptodermis pulchella



Macrosiphonia lanuginosa

*Psychotria mekongensis*

**Anthospermum lanceolatum**

Ophioglossum thomasi

Rudbeckia intermedia

Asperula collina

Kardomia prominens

*Uvaria goezeana*

Peltostegia parviflora

Polypodium martii

China, Yunnan, Zhenkang

Philippines, Catanduanes

*Indonesia, Jawa*

Pakistan

*Bangladesh, Sylhet Division*

China, Sichuan, Barkam

**Solomon Islands**

China, Guizhou, Yinjiang

***China, Sichuan, Yajiang***

*Australia (Country),  
Queensland, Warrego*

*Japan, Yamagata*

Hawaii

**China, Shaanxi**

China, Sichuan, Nanchuan

***Philippines, Sorsogon Province***

**China, Sichuan, Pingshan**

*Narcissus hesperidis*

Phyllanthus × fluminis-zambesi

*Nectandra producta*

**Aplectrum hyemale**

Campylospermum amplexans

Trifolium flavulum

**Aesculus sinensis**

*Garcinia lanceifolia*

*Roupala bleasdalei*

**Bonafousia silvae**

Lefebvrea serrata

**Ponthieva ventricosa**

Dalbergaria crassa

**Schedonorus altissimus**

**Schoepfia arborescens**

*Doronicum × excelsum*

Indonesia, Sumatera, Sumatera Utara (N.  
Sumatra), Asahan

Mongolia

*Solomon Islands, Isabel*

**China, Qinghai, Jigzhi**

Philippines, Mindoro Island, Oriental Mindoro

China, Henan, Luoning

**China, Sichuan, Xiangcheng**

Japan, Gifu

**Philippines, Bulacan**

Vietnam, Dac Lac

Japan, Miyagi

**Papua New Guinea, West Sepik, Aitape**

**China, Yunnan, Heqing**

**China, Qinghai, Darlag**

**China, Xizang (Tibet), Markam**

Micronesia, Federated States of, Chuuk

*Pithecellobium littorale*

Primula cuneifolia

Homalomena yohorensis

**Senecio ampliflorus**

Sericanthe pellegrinii

*Passiflora watsoniana*

**Achillea decipiens**

*Rhododendron blackii*

# **Croton dentosus**

*Sisyrinchium filiforme*

## **Aerangis ugandensis**

Trichocline nummularia

## **Thomasia salviifolia**

*Bernardia corensis*

## ***Caltha major***

Comparettia granizoi

## **China, Guizhou, Jiangkou**

**Indonesia, Sumatera, Sumatera Barat (W. Sumatra)**

*Philippines, Ilocos Norte*

*Malaysia, Peninsular Malaysia*

Indonesia, Sulawesi

*Micronesia, Federated States of, Yap*

*China, Guangdong, Wengyuan*

Papua New Guinea, Milne Bay, Kiriwina

***China, Fukien***

Japan, Yamanashi

**Philippines, Rizal**

*Indonesia, Sulawesi, Sulawesi Utara (N. Sulawesi)*

***China, Sichuan, Daocheng***

**Papua New Guinea, West Sepik,  
Telefomin**



# ***Philippines, Agusan del Norte***

Fiji, Northern Division

*Ardisia catharinensis*

*Aizopsis rhodocarpa*

***Ammannia quadriciliata***

*Hieracium optimum*

*Verbesina barrancae*

*Paramitranthes regnelliana*

*Bracteocarpus steupii*

***Syringodea saxatilis***

*Acronia adelphe*

*Hippocratea urceolus*

*Matthiola tianschanica*

*Daviesia quoquoversus*

Sameraria canaliculata

**Cereus chrysostele**

Begonia cunhambebei

**Narcissus infundibularis**

***China, Jiangxi***

Indonesia, Kepulauan Maluku, Maluku

Russia, Irkutsk Oblast

***China, Yunnan, Jianchuan***

**Thailand, Satun**

*China, Yunnan, Wuding*

**Russia, Amur Oblast**

*China, Yunnan, Longling*

*China, Qinghai, Tongde*

*Brunei*

**China, Taiwan, Ilan**

**China, Yunnan, Ninglang**

**China, Henan**

**Philippines, Luzon Island,  
Pampanga**

**Philippines, Basilan**

**Thailand, Nakhon Si Thammarat**

Memecylon sessilifolium

**Morrenia hassleriana**

*Elizabetha paraensis*

**Oreogrammitis malayensis**

Prestonia lutescens

Delissea lyonii

Hieracium alfenzinum

Widdringtonia glauca

Rhododendron rubrantherum

Pleurothallis stenosepala

Piper anguillaespicum

Cacalia misera

**Podochilus robinsonii**

Scorzonera subulata

Pyrola crypta

Ardisia racemosa

China, Sichuan, Aba

***China, Xizang (Tibet), Baxoi***

**China, Yunnan, Chengjiang**

**Papua New Guinea, Morobe, Wau**

***China, Sichuan, Huili***

Papua New Guinea, East Sepik

*New Zealand, North Island, Wellington*

**Papua New Guinea, Enga**

**Malaysia, East Malaysia,  
Sarawak, Limbang Division**

*China, Sichuan, Tianquan*

**Thailand, Chumphon**

**China, Hubei, Xingshan**

*Vietnam, Ninh Binh*

**Thailand, Sara Buri**

**China, Sichuan, Qijiang**

**Thailand, Chiang Rai, Mueang Chiang Rai**

Anila diphylla

Canthium caudatum

Buchanania ferruginea

*Oeosporangium* × *insulare*

**Polygala pinifolia**

Heteropterys portillana

**Capnorchis americana**

Lepidobolus drapetocoleus

Tambourissa sieberi

Polybotrya kunzei

*Crocus sulphureus*

Danthonia bachmannii

Dendrorkis minuta

*Eria jagoriana*

**Erythrococca sanjensis**

Geum rubrum

Papua New Guinea, Central, Abau

**China, Yunnan, Gengma**

*New Zealand, South Island*

Nepal, Central, Rasuwa

**Bangladesh, Chittagong**

Papua New Guinea, Manus

Thailand, Yala

**Australia (Country), Australian Capital Terr.**



*Bangladesh*

Malaysia, East Malaysia, Sarawak, Kuching  
Division

Laos

**China, Sichuan, Derong**

**Thailand, Nakorn Nayak**

Vietnam, Quang Tri

*China, Shandong, Tai'an*

*China, Sichuan, Serxu*

Radermachera xylocarpa

Crataegus hystericina

*Juncus oliganthus*

*Hedyotis verticillata*

*Taraxacum multifidum*

*Koeleria trachyantha*

*Vernonia ondongensis*

***Pichisermolodes quasidivaricata***

***Hibiscus populneus***

*Dactylorhiza* × *estonica*

*Euphorbia willowmorensis*

*Coprosma nigricarpa*

*Aeschynomene guatemalensis*

# Crinum natans

## **Michelia rigida**

*Stemmadenia alfaroi*

China, Guangdong, Shenzhen

Philippines, Cavite

*Russia, Chukot Aut. Okrug*

Tonga, Tongatapu

Philippines, Davao del Sur

Solomon Islands, Makira

Thailand, Lamphun

*China, Sichuan, Kaixian*

*Thailand, Prachuap Khiri Khan*

China, Sichuan, Chongqing

China, Yunnan, Fengqing

Papua New Guinea, Western, Morehead

Japan, Niigata

***India, Tamil Nadu, Salem***

New Zealand, Auckland Islands

**China, Zhejiang, Suichang**

Strobilanthes cusia

**Aspidopterys canarensis**

Senecio friesii

Difflugosa polybotrya

Triticum subulatum

Carex bisexualis

Pavetta longibrachiata

Romanschulzia guatemalensis

Poa koniensis

*Muehlenbeckia florulenta*

Chironia suffruticosa

Peperomia tahitensis

Serapias × halacsyana

*Dresslerella hirsutissima*

Agave magni

**Euphorbia razafindratsirae**

Thailand, Lampang

**China, Sichuan, Dege**

China, Heilongjiang

India, West Bengal, Kolkata  
District

China, Sichuan, Mianning

*Philippines, Samar Province*

China, Guangdong, Guangzhou

*Indonesia, Papua Barat, Irian Jaya Barat*

Papua New Guinea, Western  
Highlands

Indonesia, Kalimantan

*China, Yunnan, Zhaotong*

*Philippines, Mountain Province,  
Bontoc*

China, Guangdong, Lechang

***South Korea, Gangwon-do***

Philippines, Nueva Ecija

Japan, Hokkaido, Oshima

Echinocactus submammulosus

***Palmifolium debile***

**Lindsaea brevipes**

***Ruellia herzogii***

Dryopteris junlianensis

*Trachelocarpus rhizocarpus*

Heterospathe califrons

Apuleia heterophylla

Piptocarpha barrosoana

Cavaraea elegans

Mediocalcar monticola

Allium leucosphaerum

***Melaleuca ornata***

*Cassine humilis*

*Catasetum coniforme*

**Brachistus diversifolius**

Samoa



China, Qinghai, Yushu

Thailand, Ranong

***China, Sichuan, Dawu***

China, Xizang (Tibet),  
Medog

Philippines, Zamboanga del Norte

Vietnam, Da Nang

China, Taiwan, Nantou

*Thailand, Phangnga*

Philippines, Capiz

***India, Himachal Pradesh***

Malaysia, Peninsular Malaysia,  
Johor

China, Yunnan, Songming

India, Himachal Pradesh, Chamba

New Zealand, South Island, Canterbury

Malaysia, East Malaysia

**Mammillaria scheerii**

Lissochilus grantii

Assonia punctata

Hydrobryum ramosum

***Psephellus sintenisii***

Croton geraesensis

Paspalum xizangense

**Alniphyllum hainanense**

Seriphidium monogynum

Tupa columnaris

*Ocimum ericoides*

**Banisteriopsis padifolia**

*Ajax capax*

*Renealmia guianensis*

*Schmaltzia ashei*

Hippeastrum caupolicanense

**Philippines, Nueva Vizcaya**

**Philippines, Batanes**

*New Caledonia, Nouvelle-Caledonie*

Indonesia, Sumatera, Riau

China, Yunnan, Lancang

India, Tamil Nadu

Indonesia, Jawa, Jawa Tengah (C. Java)

**Malaysia, Peninsular Malaysia, Selangor**

China, Hunan, Wugang

*India, Uttarakhand*

Thailand, Loei

*China, Taiwan, Taitung*

Indonesia, Kalimantan,  
Kalimantan Utara, Malinau

***Philippines, Camarines Sur***

**China, Xizang (Tibet), Bomi**

Sri Lanka, Ratnapura

*Ctenitis obscura*

*Astragalus cephalonicus*

*Symplocos penangiana*

*Nelumbium javanicum*

***Phebalium ellipticum***

*Angraecum thomsonii*

***Quercus cunisecta***

*Leiostegia vernicosa*

***Gardoquia multiflora***

*Gentiana wilsonii*

*Asclepias compressa*

Acacia lancifolia

*Phyllanthus crassinervius*

*Erigeron barcinonensis*

**Rorippa × oslawiensis**

Millettia bequaertii

**China, Yunnan, Jingdong**

**Japan, Okinawa**

China, Hebei

***Fiji, Western, Ba***

India, Uttar Pradesh

*China, Xizang (Tibet), Jomda*

**Bangladesh, Cox's Bazar**

Indonesia, Papua Barat, Papua, Mimika

*China, Sichuan, Zamtang*

*Nepal, Eastern*

**Japan, Kagoshima, Izumi**

China, Guangdong, Boluo

**Micronesia, Federated States of, Pohnpei**

**Papua New Guinea, New Ireland**

*Papua New Guinea, West Sepik*

Philippines, Albay

*Anisophyllea grandis*

*Goodenia pygmaea*

**Sinocrassula jiaozishanensis**

Croton berberifolius

*Dendrobium jocosum*

*Boscia reticulata*

Solanum nematosepalum

**Conyza holosericea**

*Crudia mansonii*

*Draba pulvinata*

Dichaea benzingii

**Schlegelia fastigiata**

Epicampes leptoura

Xylopicrum pierrei

Satureja alpestris



# **Cucumis amarus**

Indonesia, Jawa, Banten

China, Yunnan, Yongshan

China, Sichuan, Ebian

China, Taiwan, Pingtung

Papua New Guinea, Western Highlands,  
Mount Hagen subdistrict

**Papua New Guinea, Eastern Highlands,  
Chimbu**

China, Jiangxi, Lushan

***Indonesia, Sumatera, Aceh***

China, Shandong, Qingdao

Russia, Bashkir A.S.S.R.

Malaysia, Peninsular Malaysia, Kelantan

**China, Guangdong, Shixing**

*India, Maharashtra*

**Papua New Guinea, Southern  
Highlands, Tari**

China, Guizhou, Zunyi

**Malaysia, East Malaysia, Sarawak,  
Bintulu Division**

**Mila kubeana**

Ranunculus obtusilobus

**Masdevallia ecallosa**

Anthyllis langei

***Helmontia trujilloi***

***Megastachya patula***

**Priestleya vestita**

**Astragalus albicaulis**

***Mahonia eurybracteata***

***Pseudognaphalium viscosum***

**Asplenium biscaynianum**

***Trillium albidum***

***Grammitis longeattenuata***

**Navia fluviatilis**

**Euryloma retorta**

Pachynocarpus wallichii

China, Henan, Neixiang Xian

**Philippines, Mindoro Island**

China, Shanxi, Yuanqu

Australia (Country), Coral Seas Island Territory,  
Norfolk Island

*Japan, Chiba*

Brunei, Belait

Pakistan, Gilgit-Baltistan

China, Yunnan, Binchuan

**China, Sichuan, Muli Zangzu  
Zizhixian**

China, Yunnan, Eshan

Samoa, Upolu

*Papua New Guinea, Western Highlands, Hagen*

Philippines, Metropolitan Manila

**China, Guangdong, Hainan**

Nepal, Mid-Western, Rukum

Papua New Guinea, Milne Bay,  
Baniara Subdistrict

**Muhlenbergia mutica**

**Chaetanthera chilensis**

***Eupatorium trixoides***

Miconia rhodantha

Tragopogon xanthantherus

**Cryptocarya nigra**

Trichosalpinx pergrata

**Elaphoglossum pallescens**

Galium charoides

Ouratea sipaliwiniensis

**Dryopteris subfalcinella**

*Ficus hunteri*

**Lepidagathis laguroidea**

***Synnema pinnatifidum***

**Witheringia candollei**

Ficus xanthosyce

**China, Yunnan, Xiangyun**

**Thailand, Surat Thani**

**China, Yunnan, Maguan**

Myanmar, Kachin

**Indonesia, Lesser Sunda  
Islands, Nusa Tenggara Timur  
(E. Sunda Isl.)**

**Indonesia, Sumatera, Bangka Belitung  
Islands**

**Malaysia, Peninsular Malaysia,  
Penang**

**New Guinea**

***Australia (Country), Queensland,  
Cook***

**French Polynesia, Windward Islands,  
Faaa**

*Guam*

China, Guangdong, Huliao

Papua New Guinea, National Capital

***Indonesia, Lesser Sunda  
Islands, Bali***

India, Maharashtra, Poona

China, Yunnan, Zhenxiong

Thyridolepis xerophila

Drymonia latisepala

Memecylon candolleanum



*Baccharis chubutensis*

***Senecio bahioides***

Leptopus yunnanensis

Lepidagathis terminalis

Crepis andryaloides

**Dracula lafleurii**

*Phthirusa microphylla*

Sphaerostylis tulasneana

Dypsis gautieri

Stemodiacra serrata

**Chassalia griffithii**

Oenothera clelandii

***Guzmania ferruginea***

China, Sichuan, Yanyuan

*Philippines, Bukidnon*

Indonesia, Papua Barat, Papua Barat, Raja Ampat

*Papua New Guinea, East New Britain*

**China, Yunnan, Baoshan**

**Brunei, Tutong**

*China, Jilin, Jilin*

*China, Sichuan, Litang*

*Thailand, Trang*

China, Yunnan, Zhanyi

*Papua New Guinea, Western  
Highlands, Lake Kopiago*

Indonesia, Sumatera, Bengkulu

Thailand, Phuket

New Zealand, North Island, Auckland

*Japan, Nara*

Indonesia, Sulawesi, Sulawesi Selatan  
(S. Sulawesi), North Luwu

*Specklinia aristata*

*Daphne × savensis*

***Brillantaisia oligantha***

*Rubus ithacanus*

*Hieracium aeolocephalum*

***Spermacoce lithospermoides***

*Xylopia sumatrana*

*Cacalia glazioviana*

*Elaeocarpus pubescens*

***Hieracium cincinnellum***

***Melicocca trijuga***

***Echinopsis manguinii***

*Angraecum panicifolium*

***Palisota hirsuta***

*Calothamnus superbus*

*Neottia microglottis*

**Indonesia, Lesser Sunda Islands,  
Timor Timur (E. Timor)**

Japan, Kanagawa

Japan, Shizuoka, Shimoda

**China, Qinghai, Gonghe**

**Philippines, Surigao del Norte**

***China, Sichuan, Chengkou***

**Indonesia, Sumatera, Sumatera Utara  
(N. Sumatra)**

**China, Jilin**

**Thailand, Chiang Mai, San  
Kamphaeng**

Cambodia, Kampot

*Myanmar, Yangon Division*

*North Mariana Islands*

**China, Sichuan, Moupin**

Russia, Saratov Oblast

*Thailand, Lampang, Wang Nuea*

Laos, Champasak, Khong

Phyla chinensis

**Razisea ericae**

**Pavetta annobonensis**

**Betula kweichowensis**

**Nephrodium gustavii**

**Elatostema tenuinerve**

***Potentilla × burduja***

Diplospora sorsogonensis

**Callicarpa plumosa**

Keithia marifolia

Hymenophyllum perparvulum

Symplocos euryoides

Hieracium leptoclonum

**Scilla numidica**

*Eurya systyla*

**Epicranthes cheiropetalum**

Indonesia, Kepulauan Maluku, Maluku Utara,  
Halmahera Barat

**Indonesia, Jawa, Jawa Timur (E. Java)**

**China, Yunnan, Chuxiong**

China, Xizang (Tibet), Gongbo'gyamda

China, Yunnan, Mile

**Philippines, Zambales**

*China, Sichuan, Maoxian*

South Korea, Jeju-do

Brunei, Temburong

*India, Tamil Nadu, Madurai*

Japan, Shiga



China, Heilongjiang, Harbin

**Japan, Kochi**

*Thailand, Phetchaburi*

Japan, Kagoshima

**Tajikistan**

Plesioneuron royenii

Lachenalia neilii

**Erica phacelanthera**

Stelis stephanii

**Micrandra heterophylla**

Salvia marci

**Rotala letouzeyana**

Feliciadamia stenocarpa

Cristaria andicola

*Leuconotis spec.eugeniifolia*

**Pavonia cabraliana**

***Pachira petropolitana***

*Vernonia valenzuelana*

*Scelochilus ottonis*

Trichomanes latilabiatum

*Lindsaea ambigens*

*China, Jiangsu*

China, Xizang (Tibet), Qamdo

China, Sichuan, Garze

Malaysia, East Malaysia, Sarawak, Serian Division

China, Sichuan, Hongyuan

**Papua New Guinea, Central, Port  
Moresby**

China, Jiangxi, Quannan

China, Qinghai, Madoi

Japan, Kochi, Tosa

Thailand, Chiang Mai,  
Sahngahmpang

Papua New Guinea, Central, Moresby

China, Hubei, Wuchang

**China, Yunnan, Shangri-La (Yunnan,  
China)**

Philippines, Mountain Province,  
Lepanto

*Philippines, Luzon Island, Isabela  
Province*

Pakistan, Azad Kashmir

*Poa glabrata*

**Sphaerine distichophylla**

Oxyrhynchus volubilis

Dipladenia cuspidata

*Hymenophyllum poolii*

*Bulbophyllum pallescens*

***Jacaranda micrantha***

*Sempervivum poculiforme*

*Gaylussacia paranaensis*

Begonia jaliscana

**Bunium carviforme**

*Dryopteris savaiiensis*

*Podocarpium williamsii*

Lithocardium flavum

**Zenkerella egregia**

**Campanula tschuktschorum**

Turkmenistan

Thailand, Nakhon Ratchasima

China, Sichuan, Ya'an

*Russia, Astrakhan' Oblast*

**India, Uttarakhand, Dehra Dun**

Indonesia, Kepulauan Maluku, Maluku Utara

Myanmar, Shan

*China, Tianjin Municipality, Tanggu*

Russia, Sakhalin Oblast

**Russia, Kursk Oblast**

**Japan, Hyogo**

Papua New Guinea, Western Highlands, Wabag

***Thailand, Nan, Chalaem Phrakiat***

Solomon Islands, Guadalcanal Island

Japan, Mie

Thailand, Chiang Rai

*Acaciopsis konzattii*

***Oryctanthus andrieuxii***

*Acrodiclidium wrightii*

*Cyrtandra parva*

***Peperomia subpulchella***

*Turnera guianensis*

*Tragacantha psoralodes*

*Siloxerus pusillus*

*Ficus acuminata*

***Anila macrocalyx***

Cleome usambarica

*Polygala nivea*

Isoetes echinospora

**Samyda canziala**

Plicosepalus ogadenensis

Centropogon dombeyanus

China, Yunnan, Cangyuan

Thailand, Songkhla

China, Sichuan, Danba

**China, Guangxi, Xing'an**

Indonesia, Papua Barat, Papua Barat



*Philippines, Mindoro Island, Mindoro  
Occidental Province*

***Thailand, Nakhon Ratchasima, Pak  
Chong***

**Philippines, Masbate**

China, Anhui, Qimen

*China, Hunan, Xinhua*

*China, Chongqing, Wushan*

*China, Chongqing, Nanchuan*

***China, Hubei, Badong***

*China, Sichuan, Batang*

*Cambodia, Stoeng Treng, Thala*

Barivat

Russia, Orenburg Oblast

*Cystea bulbifera*

Lycium umbellatum

***Nephrodium immersum***

**Ditaxis sellowiana**

Lythrum calcaratum

**Vitex schunkei**

**Solanum biformifolium**

Oreocharis curvituba

**Melastoma homostegium**

Senecio inconstans

*Serjania lupulina*

**Hieracium brigantum**

**Tillandsia geissei**

***Obione halimoides***

**Festuca paupera**

**Centaurea pineticola**

French Polynesia, Society Islands

China, Zhejiang, Tiantai

**China, Yunnan, Luchun**

**Russia, Pskov Oblast**

***New Zealand, North Island***

China, Taiwan, Hualien

## **Kazakhstan**

*Japan, Hokkaido, Abashiri*

*New Zealand, Campbell Island*

China, Hainan, Yaxian

## ***Thailand, Mae Hong Son***

China, Guangdong, Fengkai

Australia (Country), Queensland, Darling Downs

China, Yunnan, Yuanyang

Thailand, Nan

Laos, Savannakhet

Dioscorea bernoulliana

Psychotria potamogetonoides

Podandrogyne cernua

**Caprifolium acuminatum**

Grastidium phaeanthum

**Combretum niphophilum**

***Alchornea comoensis***

Eriosema pumilum

Ranunculus latidens

Ozothamnus vagans

Celastrus tatarinowii

# Kleinia vermicularis

*Ipomoea gemella*

Borreria aralioides

**Nemopanthus canadensis**

Anthemis anthemoides

Thailand, Lampang, Mueang Pan

**Indonesia, Kalimantan, Kalimantan  
Tengah (C. Kalimantan)**

Australia (Country), Northern Territory

**Indonesia, Papua Barat, Papua  
Barat, Manokwari**

*China, Fujian, Foochow*

**Indonesia, Sulawesi, Sulawesi  
Selatan (S. Sulawesi),  
Enrekang**

***China, Fujian, Xiamen***

***Thailand, Kanchanaburi***

Malaysia, Peninsular  
Malaysia, Kedah

Philippines, Antique

*India, Karnataka (Mysore), Mysore*

Philippines, Zamboanga del Sur

Papua New Guinea, Eastern  
Highlands, Kainantu

New Zealand, South Island, Otago

# ***India, Karnataka (Mysore)***

**Philippines, Aurora**

Panopsis metcalfi

Stobaea cruciata

Dalea botterii

Eryngium castrense

**Croton sincorensis**

Aylosteria supthutiana

**Leiachenis cordifolia**

*Camellia liberistyla*

Aridaria bijliae

***Eupatorium glomeratum***



*Dendrobium busuangense*

*Pleione kaatii*

*Ebnerella plumosa*

*Arthraxon hohenackeri*

***Exochaenium grande***

*Hedera fimbriata*

*Philippines, Pangasinan*

Japan, Ishikawa

*Myanmar, Shan, Kengtung*

Indonesia, Lesser Sunda Islands, Nusa Tenggara Timur  
(E. Sunda Isl.), Sumba Timur

*Vietnam, Kon Tum*

Japan, Nagano

India, Tamil Nadu, Nilgiri

*China, Yunnan, Dayao*

*China, Yunnan, Luxi*

Thailand, Buriram

Thailand, Chiang Mai, Mueang Chiang Mai

*Papua New Guinea, East New Britain,  
Pomio*

Japan, Aomori

French Polynesia, Societe, Iles de  
la, Tahiti

*China, Yunnan, Hekou*

*Philippines, Davao Oriental*

Acaciella angustissima

Echinops kebericho

**Calanthe × yarlungzangboensis**

Hecatandra oxycedrus

Nuphar intermedia

*Syringa steencruyssii*

*Cupania macropoda*

Peperomia rupigaudens

Triumfetta dembianensis

**Porophyllum brachypodum**

*Dendrobium alpestre*

**Cyphostemma flavicans**

**Yucca × luna**

Phyllanthus capensis

Lemna javanica

Eriachne filiformis

China, Guangxi, Ling Yun Hsien

**China, Henan, Qinyang**

**China, Yunnan, Yunlong**

Philippines, Ifugao

**China, Sichuan, Leibo**

**Pakistan, Federally Administered  
Tribal Areas, Kurram Agency**

India, Delhi

**Pakistan, Khyber-Pakhtunkhwa, Hazara**

*China, Sichuan, Zhongxian*

Papua New Guinea, West New Britain, Kandrian

China, Szechuan

China, Guangdong, Yunan

China, Taiwan, Kaohsiung

Malaysia, Peninsular Malaysia, Terengganu

**Thailand, Nakhon Sawan**

India, Arunachal Pradesh

Amauropelta pavoniana

Loranthus rendelii

Primula densa

Mariscus rufus

Senecio exuberans

Gomphrena wrightii

*Lonicera kingdonii*

*Panmorphia barbulata*

Pelargonium goweri

Bremeria latisepala

Phegopteris latealata

*Aspidium hartwegii*

Rivea multiflora

**Schwartzkopffia buettneriana**

Bontia pantonii

Petasites intermedius

China, Sichuan, Fubian

China, Shanxi, Xinjiang

China, Qinghai, Xinghai

**Russia, Magadan Oblast**

*New Zealand, North Island, Northland*

**Thailand, Chiang Mai, Mae Rim**

**Nepal, Western, Kaski**

French Polynesia, Gambier, Iles

Vanuatu, Efate

Thailand, Prachuap Khiri Khan, Kui Buri

China, Taiwan, Taichung

*Kazakhstan, East Kazakhstan  
Oblast*

**Vietnam, Lao Cai, Sa Pa**

**Vietnam, Ha Tinh**

Japan, Toyama

China, Guangdong, Renhua

Orophea rubra

Protium salvozae

**Fumaria lichtensteinii**



*Pseudoridolfia fennanei*

Spiraea media

Lavatera tomentosa

*Premna divaricata*

*Verbena tridactylites*

**Quercus laurina**

Panmorphia iota

*Coussarea veraguensis*

Tillandsia inconspicua

***Psychotria kamialii***

Bambusa indigena

Leucas tsavoensis

**Astripomoea lachnosperma**

China, Sichuan, Jinchuan

Nepal, Mid-Western, Dolpa

*Thailand, Chiang Mai, Mae Taeng*

**China, Guangdong, Dongguan**

**Thailand, Songkla**

China, Yunnan, Ruili

China, Guangxi, Nanning

India, West Bengal, Darjeeling

Papua New Guinea, Madang, Usino

**Philippines, Eastern Samar**

North Korea

Papua New Guinea, Northern, Tufi

Papua New Guinea, East Sepik, Ambunti

Thailand, Trat

*Thailand, Nakhon Nayok*

Sri Lanka, Kandy

Bulbostylis schimperiana

*Sterculia madagascariensis*

Microseris bolanderi

Asclepias subverticillata

Cypripedium × johnsonianum

Salix phylicoides

*Pedrosia porto-sanctana*

Calamus bonianus

Ouratea darienensis

**Securidaca cristata**

Halimolobos pedicellatus

*Pteris recurvata*

Sisymbrium grandiflorum

Cereus flagiformis

Antirrhinum patens

Rhus ecklonis

China, Sichuan, Jiangyou

**Philippines, Kalinga-Apayao**

**China, Chongqing, Hechuan**

Thailand, Songkhla, Hat Yai

Myanmar, Tenasserim

French Polynesia, Societe, Iles de la

China, Hainan, Changjiang

China, Sichuan, Wanxian

China, Yunnan, Yiliang

*India, Rajasthan*

India, Orissa

Papua New Guinea, West Sepik, Vanim

***Solomon Islands, Malaita***

China, Yunnan, Anning

China, Guizhou, Guiyang

**Philippines, Iloilo**

**Mollugo novo-hollandica**

**Cleomella lutea**

*Ornithogalum pusillum*

Buchenavia pterocarpa

**Eugenia mangasiana**

*Pedicularis pseudoatra*

Laurentia tenella

**Prunus × kamiaranensis**

*Oreorchis foliosa*

**Binaria coronata**

*Chomelia amara*

*Smilax sumatrensis*

Danais dauphinensis

*Micromeria cristata*

Ouratea macranthos

Olearia angulata

China, Sichuan, Hanyuan

China, Yunnan, Lufeng

China, Fujian, Chong'an

***Papua New Guinea, Southern Highlands,  
Ialibu***

**Russia, Altay Kray**

**China, Yunnan, Lunan**

China, Sichuan, Quxian

Papua New Guinea, Western Highlands,  
Kopiago

Thailand, Phetchaburi, Kaeng Krachan

*Indonesia, Lesser Sunda Islands,  
Nusa Tenggara Barat (W. Sunda  
Isl.), Sumbawa Barat*

Nepal, Western, Mustang

Thailand, Pattani

*Papua New Guinea, Western Highlands,  
Laiagam*

*China, Guangdong, Yingde*

China, Xizang (Tibet), Zayu

*Japan, Iwate*



***Parinari pilosa***

Toxocarpus laevigatus

Diasperus flavidus

**Elaeagia alterniramosa**

Racosperma heteroclitum

Lasianthus areolatus

*Urtica quadristipulata*

Cousinia ramosissima

*Dysoxylum trichostylum*

***Passiflora cristalina***

*Crepis suffruticosa*

**Sitanion hystrix**

**Campanula stevenii**

**Halleorchis aspidogynoides**

**Carex scabrior**

*Luffa caledonica*

Myanmar, Kachin, Sumprabum

Papua New Guinea, Morobe, Menyamya

Thailand, Loei, Phu Kradueng

Vietnam, Phu Yen

**China, Hubei, Fangxian**

Nepal, Eastern, Sankhuwasabha

China, Sichuan, Yanbian

*Papua New Guinea, Madang,  
Ramu*

Thailand, Chon Buri

**China, Sichuan, Xinlong**

Russia, Kamchatskiy Kray, Aleutskiy

Thailand, Narathiwat, Waeng

Australia (Country), Australian Capital Terr.,  
Cotter River

Myanmar, Kayin

**Kiribati**

Russia, Altay

Myrcia conduplicata

Hieracium hazslinszkyi

Leonitis malacophylla

**Nepeta kunlunshanica**

*Lasianthus cambodianus*

Lysimachia paludosa

**Rauvolfia lanceolata**

*Epidendrum macdougallii*

**Alsophila lamprocaulis**

*Lampranthus glaucus*

*Conium royenii*

Acronychia vestita

Melica kotschyi

**Synaedrys lanceaefolia**

Solanum stauntonii

Quercus balsequillana

Japan, Shimane, Izumo

China, Yunnan, Huaning

**China, Beijing Municipality**

**Russia, Moscow Oblast**

**China, Yunnan, Shuangbai**

China, Hainan, Lingshui

Vietnam, An Giang, Chau Doc

***Fiji, Eastern Division***

**Australia (Country), Queensland,  
Wide Bay**

**Philippines, Sulu Province**

Papua New Guinea, Western, Kiunga

*Papua New Guinea, West Sepik, Lumi*

**Papua New Guinea, Madang, Madang**

Papua New Guinea, Madang, Josephstahl

*Indonesia, Celebes*

**China, Guizhou, Shibing**

*Anthericum ledermannii*

Ceropegia nubica

Stelis trinitatis

**Casearia bicolor**

*Pyrus campanulata*

**Goodyera hispida**

Ixora peruviana

**Vellozia decidua**

Parathelypteris chinensis

**Glyptopetalum pallidifolium**

Climacoptera maimanica

*Antimima longipes*

**Stachys tenella**

**Crassula tysonii**

*Veratrum speciosum*

Glaucium spurium

Japan, Miyazaki

China, Yunnan, Yongren

Indonesia, Kalimantan, Kalimantan  
Tengah (C. Kalimantan), Kabupaten  
Kotawaringin Timur

India, Jharkhand, Hazaribagh

***China, Sichuan, Hejiang***

*Russia, Vologda Oblast*

Cambodia, Kampong Chhnang

*China, Nei Mongol*

China, Sichuan, Yuexi



**Thailand, Rayong, Klaeng**

**China, Shanghai Municip., Shanghai**

Australia (Country), Heard and McDonald  
Islands, Heard Island

***Japan, Akita***

Vietnam, Lang Son

**China, Tibet**

**Ceylon**

**Pentopetia astephana**

**Lachnagrostis uda**

***Epidendrum isthmoides***

***Deppea densiflora***

**Drosera anglica**

**Pleurothallis longissima**

Asterostoma repens

**Seseli mazzocchii-alemannii**

Hydrocotyle glochidiata

**Crupina morisii**

Genoplesium cranei

Palicourea insignis

Tsuga chinensis

*Bulbophyllum boudetianum*

*Eurya bifidostyla*

**Myristica macrophylla**

Malaysia, Peninsular Malaysia, Kedah,

Langkawi

*Vietnam, Ha Giang*

Vietnam, Hoa Binh, Mai Chau

**Philippines, Negros Occidental**

Thailand, Prachuap Khiri Khan, Pran Buri

**Malaysia, Peninsular**  
**Malaysia, Perlis**

*Nepal, Central, Kathmandu*

**China, Qinghai, Datong**

*Thailand, Chanthaburi*

**Northern Mariana Islands**

*China, Fujian, Yanping*

Niue

Philippines, Abra

Pakistan, Khyber-Pakhtunkhwa

*Japan, Saitama*

**Pakistan, Balochistan**

*Amaryllis laeta*

*Calathea chrysoleuca*

*Scolymocephalus tenuifolius*

*Iresine reticulata*

*Loranthus musozensis*

*Senecio ambositrensis*

*Arenaria clandestina*

Diphyes ciliolata

**Tillandsia may-patii**

Begonia rizalensis

**Phyllanthus cataractarum**

Fuchsia seleriana

**Bulbophyllum tingabarinum**

Vernonia dembocola

Calospatha scortechinii

*Gaillardia suavis*

Thailand, Phrae

Nepal, Eastern, Taplejung

*Vietnam, Nghe An*

*Indonesia, Sumatera,  
Lampung*

*Vanuatu, Banks/Torres*

*China, Hunan, Xinning*

*Philippines, Biliran*

*Papua New Guinea, West New Britain,  
Talasea*

**Japan, Hiroshima**

Sri Lanka, Nuwara Eliya

India, Karnataka (Mysore), Kodagu (Coorg)

*Vietnam, Kien Giang*

China, Sichuan, Dechang

Papua New Guinea, Western Highlands, Minj subdistrict

China, Ningxia Hui, Zhongwei

*Russia, Smolensk Oblast*

Erythroxyllum ambiguum

*Pycnandra paucinervia*

*Disa stairsii*

Oncidium paranaense

*Hesperis rosea*

Scirpus lineatus

Oncidium leinigii

**Physaria lateralis**

**Chloris morales-coelloi**

Calyptrostegia suaveolens

*Abelmoschus genevii*

**Dicalix kotoensis**

Oxalis divergens

Tithymalus gedrosiacus

Notothixos schlechteri

**Rubus omissus**

China, Sichuan, Anxian

Japan, Hokkaido, Ishikari

China, Taiwan, Chiayi



India, Uttarakhand, Almora

China, Sichuan, Pengxian

**Russia, Khabarovsk Kray**

China, Yunnan, Shiping

China, Hubei, Lichuan

***China, Yunnan, Bijiang***

**China, Hupeh**

Afghanistan, Badghis

Russia, Chita Oblast

China, Sichuan, Guangyuan

Thailand, Chiang Mai, Chiang Dao

**Thailand, Songkhla, Rattaphum**

China, Jiangxi, Longnan

**Scorodonia solitaria**

**Licuala cabalionii**

***Euphorbia bounophila***

*Strobocalyx mastersii*

Agrostophyllum callosum

**Huperzia campiana**

Carludovica insularis

Andropogon montanus

Simaba insignis

Pyrus spectabilis

# **Piper ponesheense**

Ornithidium rigidum

*Matricaria nigrescens*

Ceropegia thaithongiae

Tragopogon bombycinus

**Psychotria astrellantha**

*Uzbekistan, Samarkand Province*

**India, Punjab**

**Micronesia, Federated States of, Kosrae**

Papua New Guinea, West New Britain

Philippines, Tarlac

China, Xizang (Tibet), Xainza

***Thailand, Phitsanulok Province, Phitsanulok District***

China, Kwangsi

**India, Manipur, Ukhrul**

Turkmenistan, Mary Oblast

***Fiji, Rotuma Dependency***

India, Pondicherry

Afghanistan, Kabul

China, Guangxi, Guilin

***India, Tamil Nadu, Tirunelveli***

Thailand, Chiang Mai, Fang

Deroemera montigena

Pseudopilocereus piauhyensis

**Linanthus maculatus**

Schradera luxurians

**Trigone~~lla~~ melilotus-corniculata**

Minuartia moehringioides

**Fagelia verticillata**

*Gasteranthus pilosus*

*Euodia vitiensis*

Archibaccharis asperifolia

Trifolium grantianum

Lycopodium dalhousieanum

*Gomesa silvana*

**Potentilla autumnalis**

Pleocnemia membranifolia

*Nerine × atrosanguinea*

**China, Gansu, Wenxian**

Papua New Guinea, Central,  
Tapini

Thailand, Chiang Rai, Phan

*China, Yunnan, Qiubei*

Japan, Akita, Yamamoto

**Papua New Guinea, New Ireland,  
Namatanai**

*China, Sichuan, Yingjing*

Russia, Kalinigrad Oblast

China, Kweichow

China, Hainan, Baoting

**China, Taiwan, Tainan**

*India, Manipur*

**Sri Lanka, Hambantota**

Philippines, Camiguin

*Thailand, Prachin Buri*

India, West Bengal

**Knema rigidifolia**

Polystichum rochaleanum

**Mimosopsis lemmonii**

Mammillaria confusa

Brachiaria stapfiana

Justicia gilbertii

Ophiorrhiza microphylla

Licuala terengganuensis

*Disocactus macranthus*

**Acinodendron verrucosum**

Dendrobium stricklandianum

**Carduus potosinus**

***Laurus incrassata***

**Tanacetum heptalobum**



*Fimbristylis stans*

*Dalechampia francisceana*

**Papua New Guinea, Milne Bay, Bolu Bolu**

China, Chongqing

French Polynesia, Windward Islands,  
Moorea-Maiao

Thailand, Chiang Mai, Hang Dong

**Indonesia, Kepulauan Maluku, Maluku,  
Kabupaten Seram Bagian Barat**

Japan, Tochigi

Russia, Krasnoyarsk Kray

*Philippines, Agusan del Norte,  
Butuan City*

China, Taiwan, Hsinchu

Philippines, Mindoro Island, Occidental Mindoro

Thailand, Chiang Mai, Omkoi

China, Yunnan, Dagan

*Russia, Orel Oblast*

China, Kiangsi

**Malaysia, East Malaysia, Sabah, Kudat Division**

Thailand, Narathiwat

Hieracium thingvellirens

Valeriana robertianifolia

**Pasania nymaniana**

**Arabis albida**

Astragalus rene-mairei

Pisonia arborescens

Physaria aurea

**Asplenium malayo-alpinum**

*Thryptomene aspera*

*Ephedra texana*

Campanula prenanthoides

***Palicourea ottonis***

Phyllorkis falcipetala

**Agropyron turuchanense**

Syncolostemon densiflorus

Arrowsmithia glandulosa

*China, Shanxi, Ningwu*

Malaysia, East Malaysia, Sarawak, Kapit  
Division

**Bhutan, Samchi**

China, Shanxi, Taiyuan

*China, Gansu, Jone*

**China, Yunnan, Eryuan**

Vietnam, Ha Tay, Ba Vi

Nepal, Central

*China, Yunnan, Mojiang*

**Japan, Kyoto, Kyoto**

**India, Jharkhand, Garhwa**

Afghanistan, Bamian

**Vietnam, Binh Dinh**

*Pakistan, North-West Frontier*

Myanmar, Shan, Taunggyi

**Cook Islands**

*Amsinckia washingtonensis*

*Cynanchum bicampanulatum*

Palala iners

**Harmala multifida**

***Euphorbia novomexicana***

**Nephrolepis pilosa**

Melilotus linearifolius

**Cirsium fuscotrichum**

Hydrocotyle rivularis

Renealmia foliosa

***Prockia orinocensis***

***Selinum aromaticum***

***Lepidaploa obtusifolia***

Lantana tiliifolia

Piper gracillimum

***Sarcocampsa silvestris***

***Japan, Shizuoka***

**Russia, Primor'ye Kray**

***Japan, Tottori***

China, Hubei, Dangyang

Thailand, Nakhon Si Thammarat,  
Lan Saka

China, Yunnan, Mouding

**Vietnam, Thanh Hoa**

Indonesia, Sumatera, Sumatera Barat  
(W. Sumatra), Kabupaten Pesisir Selatan

Pakistan, Federally Administered Tribal Areas

Kyrgyzstan

***Nepal, Western, Myagdi***

Laos, Champasak

Papua New Guinea, Northern, Kokoda

***China, Yunnan, Gejiu***

China, Guangxi, Luchuan

Australia (Country), Van Diemen's  
Land

*Faurea recondita*

**Hypolepis brasiliana**

**Anginon swellendamense**

*Strobilanthes helferi*

Oxydectes paniculata

*Carex interjecta*

Bambusa nagalandiana

*Cleisostoma aristatum*

Socotria protopunica



Strobilanthes novomegapolitana

Ficaria ranunculiflora

***Hemistemma lineare***

Lomariocycas insularis

Poa borbonica

**Diospyros clusiifolia**

Diplopterygium laevissimum

China, Anhui, Xiuning

Japan, Ehime

**North Mariana Islands, Saipan**

China, Liaoning

**China, Shaanxi, Taibai**

**Russia, Voronezh Oblast**

**Papua New Guinea, West Sepik,  
Amanab**

**Thailand, Sa Kaeo**

**China, Guangdong, Zengcheng**

**China, Zhejiang, Hangzhou**

**Nepal, Western, Gorkha**

**China, Sichuan, Beichuan**

**China, Shantung**

**Papua New Guinea, Central, Kairuku**

***China, Shanxi, Yuncheng***

Sri Lanka, Kalutara

Echites velutina

Spermadictyon azureum

Conium tenuifolium

*Ouratea ilicifolia*

Philodendron delinksii

Thomsonia hookeri

Conocephalus microphyllus

Ammannia hyrcanica

Phyllanthus kerrii

Mapania moseleyi

Drepaphyla multinervis

Taraxacum atratum

Myrcia velloziana

**Alismorchis pachystalyx**

**Gentiana caulescens**

*Hermannia torrei*

India, Uttarakhand, Tehri Garhwal

**Cambodia, Kampong Spoe**

Papua New Guinea, Gulf, Kerema

Vietnam, Dong Nai

Indonesia, Sumatera, Sumatera Selatan (S. Sumatra)

*Thailand, Surat Thani, Phanom*

Afghanistan, Kandahar

Japan, Tochigi, Kawachi

Thailand, Phrae, Song

Burma

*China, Chekiang*

**Vietnam, Ha Tay, Son Tay**

**Nepal, Eastern, Dhankuta**

**India, Andhra Pradesh**

**China, Guangdong, Huangpu**

Thailand, Songkhla, Sadao

*Eupatorium crenaeum*

**Geonoma gracilipes**

***Deinbollia pinnata***

*Pterocalymma paniculata*

*Sphaeroma berteroanum*

*Daphnidostaphylis hookeri*

*Chondrorhyncha chestertonii*

***Lithocardium grande***

*Disperis buchananii*

*Holboellia ovatifoliolata*

*Taraxacum catodontum*

*Elaphoglossum ipshookense*

*Clidemia saulensis*

*Pyrus ulleungensis*

*Polypleurum sisaketense*

*Tubella crucilabia*

***India, Kerala***

**French Polynesia, Mangareva**

*Japan, Kyoto, Maidzuru*

Pakistan, Khyber-Pakhtunkhwa,  
Malakand

Thailand, Kanchanaburi, Sangklaburi

China, Guizhou, Qianxi

**Papua New Guinea, Southern Highlands, Mendi**

*Sri Lanka, Anuradhapura*

China, Guizhou, Songtao

Myanmar, Sagaing

**China, Jiangxi, Fenyi**

**Japan, Hokkaido, Hidaka**

**Thailand, Lamphun, Thung Hua Chang**

**Thailand, Khon Kaen**

**China, Guangdong, Ruyuan**

*Vietnam, Hoa Binh*

**Alpinia macrocarpa**

**Aster maruyamae**

Cheilanthes fordii



Ipomoea oreophila

*Salix × rytzii*

Chamaemelum callosum

*Cleistocactus neoroezii*

*Plectranthus melleri*

*Eremophila biserrata*

*Aster andrewsii*

***Feuilleea rhombifolia***

*Cacalia geminata*

Saccharum sinense

Elaphoglossum lechlerianum

Euphorbia bupleurifolia

Elatostema purpureolineolatum

**Papua New Guinea, Central,  
Nakeo**

Papua New Guinea, Eastern Highlands,  
Lufa

Japan, Kagawa

China, Hunan, Changning

India, Bihar

China, Shandong, Mengyin

China, Guangdong, Panyu

*Thailand, Chaiyaphum*

Philippines, Marinduque

Indonesia, Sumatera, Sumatera Utara (N. Sumatera), Karo

Myanmar, Tanintharyi, Tavoy

China, Jiangxi, Xiushui

Japan, Kyoto, Kameoka

***China, Hunan, Yuanling***

***China, Yunnan, Xundian***

**Russia, Krasnodar Kray**

*Siphocampylus persicifolius*

**Ziziphora pamiroalaica**

Vernonia myrsinites

Stisseria divaricata

***Phanera albolutea***

***Macaranga velutina***

**Mediocalcar stevenscoodei**

Dipterocarpus vestitus

*Neomammillaria peninsularis*

Eremophila caespitosa

*Xanthophyllum impressum*

Dendrobium cyclopense

**Boehmeria rhynchophylla**

Malva leprosa

Salix duchasseintii

Cybistax chrysea

Thailand, Nakhon Ratchasima, Dan Kun Toht

Australia (Country), Queensland,  
Mackay

China, Liaoning, Shenyang

China, Shanghai Municip.

China, Guangdong, Huaiji

*Papua New Guinea, West New  
Britain, Cape Hoskins*

*China, Jiangxi, Yushan*

*Australia (Country), Queensland,*  
*Burnett*

*Myanmar, Mandalay*

China, Taiwan, Taibei

**China, Sichuan, Baxian**

**Japan, Kochi, Hata**

*Indonesia, Kalimantan, Kalimantan  
Selatan (S. Kalimantan)*

***China, Hunan, Yizhang***

Indonesia, Papua Barat

***China, Hunan, Zhijiang***

Epilobium ciliatum

**Pilea medongensis**

*Antimima perdurans*

Peucedanum lefeburioides

***Pleurostachys scaposa***

Tragia monadelphica

Pelargonium condensatum

Aerides viridiflora

Ricinus apelta

**Sideritis benedicti**

Bumelia cuneata

Archimedeia pyramidalis

***Mimulopsis marronina***

Dicksonia lobulata

**Breweria rosea**

*Genista demarcoi*

China, Xizang (Tibet), Linzhi

**China, Hubei, Changyang**

Vietnam, Quang Binh

*China, Jiangsu, Nanjing*

Philippines, Western Samar

*American Samoa, Western*

South Korea, Gyeongsangbuk-do

*China, Guangdong, Yangshan*

Fiji, Central Division



Vietnam, Da Nang, Bien Hoa

Uzbekistan

Papua New Guinea, Morobe, Mumeng

**China, Shandong, Cangshan**

*Japan, Okayama*

North Korea, Kangwon

Thailand, Phayao

*Aeschynanthus intraflavus*

*Allophylus dodsonii*

***Lobelia stellata***

*Taraxacum pannulatifforme*

Callitriche hybrida

**Campanula schottii**

Ponera exilis

Mammillaria puberula

**Campanula baborensis**

Baccharoides frutescens

Waltheria polyantha

Ilex fuertesiana

Haworthia mollis

*Leontodon tingitanus*

Sonchus glaucescens

*Lespedeza glauca*

Philippines, Northern Samar

Russia, Arkhangel'sk Oblast

North Korea, Pyeongannam-do

Vietnam, Ha Noi, Tp.

China, Guangdong, Conghua

Indonesia, Sumatera, Sumatera Utara (N. Sumatra), Langkat

*Solomon Islands, Western*

*Indonesia, Kepulauan Maluku,  
Maluku, Kabupaten Seram Bagian  
Timur*

Philippines, Camarines Norte

Japan, Hokkaido, Kushiro

**China, Guangdong, Meixian**

**China, Shaanxi, Longxian**

***Pakistan, Punjab, Rawalpindi***

***Sri Lanka, Amparai***

***Russia, Tambov Oblast***

**Russia, Primor'ye Kray,**  
**Shkotovsky**

***Prosthechea ochrantha***

***Calamintha neorotundifolia***

***Veyretia sagittata***

**Cynometra cebuensis**

**Ecclinusa ulei**

Achnatherum stillmanii

Chromatotriccum erosum

**Cambessedesia wurdackii**

**Hieracium leucothyrsogenes**

Memecylon antseranense

**Wedelia sieberi**

**Tattia ignota**

Saxifraga geum

Triunia youngiana

**Tachigali macbridei**

Oyedaea mexicana

Pakistan, Sindh

*French Polynesia, Gambier Islands*

Australia (Country), Queensland, Maranoa

China, Shandong, Muping

India, Tamil Nadu, Tiruchirappalli

China, Guizhou, Libo

China, Yunnan, Pu'er

Japan, Wakayama

***Australia (Country), New South Wales,  
Guyra***

China, Hubei, Enshi

China, Guangxi, Lingyun

China, Hebei, Weichang

China, Xinjiang Uygur, Taxkorgan

*Russia, Leningrad Oblast*

*Maldives*

Vietnam, Hao Binh, Yen Thuy

Rhamnus diamantiaca

Kohautia dolichostyla

***Achillea fronmuelleri***

Lythrum filiforme

**Polygala labatii**

Maurandya rosei

Ocotea mandioccana

**Sagraea serpens**

*Erythracanthus pedunculatus*

*Tromotriche pedunculata*

**Tritonia mensensis**

**Hymenocallis declinata**

*Azorella ecuadorensis*

Lythrum adsurgens

*Tillandsia jonghei*

Ixonanthes crassifolia

**China, Guangxi, Tianling**

Vietnam, Ninh Thuan

**China, Xizang (Tibet), Lhasa**



**China, Sichuan, Wusheng**

**Russia, Buryat A.S.S.R.**

Thailand, Chiang Mai, Samoeng

China, Hebei, Zhuolu

*Vietnam, Cao Bang*

Philippines, Dinagat Islands

**Philippines, Tawi-Tawi**

South Korea, Gyeonggi-do

**Vietnam, Langson**

Pakistan, Balochistan, Khuzdar

China, Yunnan, Nanhua

Russia, Zabaykalsky, Nerchinsko-Zavodsky

**Thailand, Chachoengsao**

***Rotala heterophylla***

Hepetis pavonii

*Scleria cyperina*

Orobanche cytisi-scoparii

*Cissampelos hispida*

*Boechera cusickii*

**Heliophila squamata**

*Pleuroridgea ferruginea*

*Linanthus dianthiflorus*

*Aster pumilus*

Pimpinella humbertii

Syringodium isoetifolium

**Veronica bellidifolia**

Lonchocarpus pycnophyllus

*Spiraea caespitosa*

**Piper carabobense**

China, Guizhou, Suiyang

**China, Yunnan, Nujiang**

India, Andaman and Nicobar Islands

Japan, Aichi

**India, Karnataka (Mysore), Hassan**

**Philippines, Agusan del Sur**

*China, Guizhou, Shiqian*

*Vanuatu, Santo/Malo*

China, Xizang (Tibet), Biru

China, Zhejiang, Ningbo

*Myanmar, Chin*

**China, Shandong, Jinan**

Vietnam, Lai Chau

*China, Chili*

India, Madhya Pradesh

*Uzbekistan, Bukhara Province*

*Senecio prattii*

**Humboltia amoena**

Eritrichium vernum

Vatica nitens

Polystichum biaristatum

Eutrema altaicum

**Glossostelma erectum**

***Crataegus edurescens***

Salvia daiguii

Clusia semperflorens

**Notylia albida**

Hillia rivalis

Cerasus sinensis

***Medica villosa***

*Brasilidium regentii*

**Barringtonia thailandica**

Philippines, Misamis Occidental

Pitcairn Islands

China, Xizang (Tibet), Jiangzi

*China, Guangdong, Huiyang*

*Russia, Primor'ye Kray, Olginsky*

*China, Shandong, Ningyang*

**Thailand, Phetchabun**

*China, Yunnan, Yunxian*

China, Yunnan, Yongsheng

*China, Yunnan, Yanjin*

China, Shaanxi, Meixian

Russia, Kaluga Oblast

**Japan, Hokkaido, Iburi**

*Cambodia, Phnom Penh*

China, Shandong, Yantai

*China, Jiangsu, Huaiyin*

**Persicaria remota**

**Pyrethrum oppositifolium**

Akea solitaria

*Cotoneaster integerrimus*

**Harpullia mellea**

Annona nana

**Fordiophyton longipetiolatum**

*Mulguraea scoparia*

Marsdenia naiguatensis

Lycaste mattogrossensis

Opuntia acanthocarpa

Phlox maculata

**Pithecellobium kinabaluense**

Drypetes arcuatinervia

Lampranthus blandus

**Caladenia dilatata**



Japan, Fukuoka

Vietnam, Thua Thien-Hue

*Japan, Kanagawa, Sagamihara*

China, Guangdong, Guangning

India, Bihar, Jehanabad

China, Guangdong, Heyuan

India, Tamil Nadu, Coimbatore

***Vanuatu, Sanma***

*Nepal, Mid-Western, Mugu*

Papua New Guinea, Madang, Saidor

Russia, Tuva A.S.S.R.

**Japan, Nagano, Minamisaku**

**China, Gansu, Xiahe**

**Thailand, Phayao, Mueang Phayao**

**Fiji, Western Division**

Pakistan, Balochistan, Quetta

**Zexmenia oppositifolia**

**Chromolaena macrantha**

**Strombosia membranacea**

**Phyllanthus delicatissimus**

*Tricholepidium maculosum*

Trichomanes setaceum

**Oncidium gundlachii**

*Leucadendron laeve*

*Shorea philippinensis*

**Leucocoryne vittata**

Ceratozamia tenuis

**Rokautskyia pseudoglaziovii**

**Melaleuca zonalis**

Heterochiton canariensis

Diplacus speciosus

*Picris kaimaensis*

***China, Qinghai, Baima***

Papua New Guinea, Milne Bay,  
Misima

*China, Sichuan, Zigong*

Uzbekistan, Tashkent Oblast

**Vietnam, Tuyen Quang**

Thailand, Kanchanaburi, Sai Yok

**China, Qinghai, Zadoi**

China, Jiangsu, Jiangyin

Tonga, Vava'u

*Cambodia, Siem Reap*

**Indonesia, Sulawesi, Gorontalo**

Thailand, Chiang Mai, San Sai

Vietnam, Khan Hoa

Russia, Tyumen' Oblast

**China, Qinghai, Guinan**

China, Yunnan, Yuanjiang

*Baikiaea insignis*

*Hymenostemma fontanesii*

**Tephrosia tricolor**

**Elymus tilcarensis**

*Biscutella pinnatifida*

Kunzea aristulata

**Randia hirta**

**Acalypha kraussiana**

*Chylismia pterosperma*

**Chamaedorea heilbornii**

*Eupatorium fissifolium*

**Calathea clivorum**

**Salacia dusenii**

Verbascum crassifolium

**Commelina striata**

*Seris hastata*

Japan, Ishikawa, Kaga

China, Hainan, Baisha

**India, Andaman and Nicobar Islands, South  
Andaman**

**China, Gansu, Minxian**

China, Hubei, Wuhan

China, Ningxia Hui

**Philippines, North Cotabato**

*Papua New Guinea, New Ireland, Lamet*

**Solomon Islands, Temotu**

Vanuatu, Pentecote

**South Korea, Gyeongsangnam-do**

*Japan, Hokkaido, Soya*

**China, Henan, Hebi**

*Vietnam, Thai Nguyen*

China, Qinghai, Huzhu

*Philippines, Manila*

*Satyrium sphaeranthum*

**Synaedrys pachyphylla**

**Limacia villosa**

**Mimosa tocantina**

*Inga nubium*

**Oenothera tetrapteroides**

**Helichrysum gloria-dei**

Mapania andamanica

**Justicia pilifera**

**Tolumnia tuerckheimii**

**Ecboium candelariae**



Adicea boehmeriodes

Plejone × baoshanensis

Calophyllum rufigemmatum

**Pterocaulon tricholobum**

Carex colchica

China, Fujian, Shanghang

New Zealand, North Island, Waikato

Japan, Tokushima

***Brunei, Brunei and Muara***

**Indonesia, Papua Barat, Papua Barat,  
Fak-Fak**

China, Qinghai, Huangyuan

**China, Yunnan, Jenn-yeh Hsien**

***Japan, Chiba, Awa***

China, Anhui, Guangde

China, Yunnan, Shizong

Philippines, Cebu

**China, Sichuan, Lushan**

**Thailand, Nakhon Ratchasima, Pak Thong Chai**

**Fiji, Central**

China, Yunnan, Ludian

***Nepal, Western, Baglung***

**Lysimachia silvestrii**

Ficus guadalajarana

Panicum pauperulum

Ardisia primulifolia

**Pinus tropicalis**

**Burtonia minor**

*Crucihimalaya tenuisiliqua*

*Phyllanthus calcicola*

Cuscuta occidentalis

*Ancipitia dressleri*

Dysosma emodi

*Monvillea insularis*

Echinops integrifolius

Bulbophyllum lamii

Clerodendrum elberti

Garcinia beniensis

**China, Sichuan, Guanghan**

*China, Guangxi, Pingnan*

**Myanmar, Tanintharyi**

Turkmenistan, Krasnovodsk Oblast

**Indonesia, Lesser Sunda Islands, Nusa  
Tenggara Timur (E. Sunda Isl.),  
Manggarai**

**India, Karnataka (Mysore), Uttara Kannada**

**Vietnam, Lam Dong**

China, Hubei, Jianshi

Japan, Fukui

South Korea, Jeollanam-do

*Russia, Irkutsk Oblast, Balagansk*

**China, Hopeh**

**Laos, Khammouan**

Cambodia, Kampong Thum

India, Tamil Nadu, Villupuram

Japan, Iwate, Nishiiwai

Combretum seretii

**Drimia uiteenhagensis**

Lolium subulatum

**Morus zanthoxylon**

*Calycera calcitrata*

*Ensete perrieri*

Lycaste virginalis

Blennodia lucae

Cycnoches haagii

Lobelia knysnensis

Hortensia rosea

**Maniltoa basifoliola**

***Kreodanthus simplex***

*Vicia sparsifolia*

Phyllanthus gracilipes

*Thelypteris semimetralis*

*Vietnam, Yen Bai, Tran Yen*

China, Xizang (Tibet),  
Maizhokunggar

China, Henan, Jiyuan

New Zealand, South Island,  
Marlborough

China, Anhui, Huangshan

Sri Lanka, Kurunegala

*Myanmar, Irrawaddy*

Japan, Miyagi, Natori

*Thailand, Rayong*

China, Guizhou, Pingba

*Thailand, Ubon Ratchathani*

**China, Anhwei**

*Philippines, Lanao del Norte*

China, Guangxi, Lingchuan

**China, Guangdong, Gaozhou**

*Russia, Vladimir Oblast*

Stenandrium pedunculatum

Hymenophyllum praetervisum

Rhododendron taggianum

*Reaumuria squarrosa*

Gastrolobium humile

Smilax polycephala



Schultesiophytum chorianthum

**Xyris graniticola**

Hedera vegeta

**Vangueriella laxiflora**

*Cryptocarya bitriplinervia*

**Lannea sessilifoliata**

**Corydalis filiformis**

*Calathea insignis*

**Creochiton brevibracteata**

Eremophila longifolia

*China, Anhui, Jinzhai*

Thailand, Phitsanulok Province

Thailand, Tak, Mae Sot

**Russia, Komi A.S.S.R.**

Nepal, Eastern, Ramechhap

*China, Hainan, Dongfang*

*China, Jiangsu, Yixing*

*China, Hainan, Chengmai*

**China, Sichuan, Mianyang**

Thailand, Petchapury

Papua New Guinea, Eastern Highlands,  
Kassam

*Thailand, Sisaket*

Russia, Murmansk Oblast

China, Guangdong, Longmen

China, Guangdong, Haifeng

Japan, Wakayama, Arida

*Piper incurvum*

**Iodes velutina**

Aster uchiyamae

***Asclepias serpentaria***

Alyxia elliptica

***Impatiens oblongata***

Euphorbia plenispina

*Huperzia cleefiana*

*Hansteinia stricta*

Paraprasophyllum gilgai

*Polypodium contaminans*

*Tillandsia organensis*

*Laurembergia agastyamalayana*

*Aegiphila hoehnei*

***Malva durieui***

*Buphthalmum inuloides*

Russia, Volgograd Oblast

Thailand, Phattalung

**China, Nei Mongol, Hailar**

China, Shandong, Xintai

Afghanistan, Herat

Vanuatu, Malakula

**China, Zhejiang, Lin'an**

Thailand, Lampang, Chae Hom

Australia (Country), Queensland, Burke

*Thailand, Prachuap Khiri Khan,  
Bang Saphan*

China, Guizhou, Guiding

*India, Tamil Nadu, Namakkal*

*Indonesia, Papua Barat, Papua, Merauke*

**China, Hunan, Longshan**

*Cambodia, Kaoh Kong*

*Russia, Tula Oblast*

**Timonius wrayi**

Verbena fragrans

*Dimerostemma scabrosum*

*Pteris austrotaiwanensis*

*Sarcocornia globosa*

Ouratea rotundifolia

Narcissus vilchezii

Lissochilus streptopetalus

**Oreogrammitis rupestris**

Bulbophyllum pilosum

*Calonemorchis microchila*

Hypenia inelegans

Dendrobium subansiriense

*Racosperma meiospermum*

*Taxillus levinei*

*Cryptocoryne cordata*

Philippines, Rizal, Morong

China, Taiwan, Kinmen

China, Xinjiang Uygur, Gongliu

Japan, Kyoto, Soraku

**Kazakhstan, Alma Ata Oblast**

Papua New Guinea, Eastern Highlands, Okapa

China, Gansu, Lanzhou

**China, Shanxi, Wutai**

India, Tamil Nadu, Ramanathapuram

China, Guizhou, Sinan

**Sri Lanka, Batticaloa**

*Japan, Shimane*

*Thailand, Yala, Than To*

Thailand, Prachuap Khiri Khan, Thap Sakae

**Nepal, Western, Manang**

*South Korea, Quelpaert*

*Chrysopsis godfreyi*

Zanthoxylum hidalgense

**Senecio laderoi**



*Bassia sedifolia*

Echinocereus rubescens

*Athamanta macedonica*

*Aquilegia meridionalis*

**Neesiella longipedunculata**

*Streptocarpus* × *multiflorus*

Tetrastigma pubinerve

**Coccocypselum guianense**

**Leobordea stipulosa**

Dodonaea arizonica

Valeriana murrayi

**Leachiella picta**

Urania speciosa

China, Guizhou, Anshun

**Vietnam, Thua Thien-Hue, Hue**

Afghanistan, Badakhshan

Russia, Kemerova Oblast

**Australia (Country),  
Queensland, Bentinck**

China, Sichuan, Maowen Qiang

China, Gansu, Maqu

China, Guangdong, Dabu

Japan, Kumamoto

**Afghanistan, Faryab**

China, Guangdong, Xinfeng

China, Taiwan, Taoyuan

China, Sichuan, Nanping

Nepal, Western

China, Yunnan, Honghe

*Papua New Guinea, East Sepik, Maprik*

***Strobilanthes deutzifolia***

*Hibbertia capensis*

*Cylichnanthus deltoides*

*Arrhoxylum longiflorum*

***Usubis triphylla***

*Stigmaphyllon columbicum*

Hieracium mixtiforme

Epidendrum panduratum

*Dendrobium pleurothalloides*

Aceras fragrans

Apinagia digitata

**Pyrethrum tibeticum**

***Histiopteris pilosa***

Orchis filicornis

*Casimira boliviensis*

Selaginella dendricola

*Japan, Gumma*

*China, Jiangsu, Jurong*

*Vietnam, Quang Nam*

*Laos, Vientiane*

**Papua New Guinea, Western, Bensback**

***China, Sichuan, Tongnan***

*Thailand, Ang Thong*

*China, Heilongjiang, Mudanjiang*

*Sri Lanka, Colombo*

*Bhutan, Bumthang*

**China, Guizhou, Xiuwen**

*China, Liaoning, Kuandian*

**India, Sikkim, North**

Vietnam, Bac Giang

Russia, Yakut A.S.S.R.

*Thailand, Tak*

*Rhododendron taichungianum*

Mimosa tarda

*Eugenia ligustroides*

**Anthurium silvaticum**

***Melaleuca lancifolia***

Pentopetia androsaemifolia

*Terminalia mantaly*

**Melica diffusa**

*Cayratia cardiospermoidea*

Espeletia tapirophila

*Rubus nakaii*

Pyrrothrix polythrix

Stellilabium fortuneae

Cyperus schlechteri

Ribularia × paui

Perissocoeleum crinoideum

**China, Yunnan, Suijiang**

***China, Jilin, Antu***

**China, Qinghai, Xunhua**

Japan, Ibaraki

Tonga, Niuas

China, Shaanxi, Yan'an

*Cambodia, Kracheh*

*Malaysia, Peninsular Malaysia, Perak,  
Kuala Kangsar*

***Malaysia, East Malaysia, Sarawak,  
Samarahan Division***

**China, Hubei, Chongyang**

Kazakhstan, Turgay Oblast

China, Xizang (Tibet), Baqen

*Vietnam, Vinh Phuc*

China, Yunnan, Nanjian

**China, Guangxi, Yangshuo**

*Laos, Louangphrabang*



Spermacoce ledermannii

*Elaphoglossum mainahasae*

Rosa charbonneaui

*Blechnum × pampasicum*

**Steganthera ledermannii**

Eugenia crebrinervis

Eupatorium kunthianum

**Hydrocotyle Chiangdaoensis**

Galium gymnopetalum

Umbilicus denticulatus

**Gentianella angustifolia**

*Leucopogon rigidus*

*Pingraea pycnantha*

*Dendropanax colombianus*

*Erysimum blepharophyllum*

*Chrysochlamys cuneata*

**Sri Lanka, Nuwara Eliya, Ambagamuwa**

**Laos, Attapu**

China, Ningxia Hui, Tongxin

***Japan, Fukushima, Yama***

China, Guizhou, Bijie

India, Kerala, Kollam

## **China, Yunnan, Xinping**

Indonesia, Jawa, Daerah Khusus Ibukota Jakarta  
Raya (Metropolitan Jakarta)

## **China, Jiangxi, Dexing**

## ***Philippines, South Cotabato***

## **Sri Lanka, Galle**

## **Vietnam, Quang Ninh, Dam Ha**

*Thailand, Chiang Mai, Mae Dtang*

*Thailand, Sakon Nakhon*

***Bangladesh, Habiganj***

**Thailand, Nong Khai, Bueng Kan**

**Cistus telephioides**

Pleurothallis ephelis

*Laurus ovalifolia*

**Nothaphoebe poilanei**

Staphylea macrosperma

**Conostegia ecuadorensis**

*Panicum scalarum*

Stachys pittieri

**Geniostoma longipes**

Rhytidanthera fragrans

Capsicum rhombodeum

*Leucopogon gnaphalioides*

Cylindrolobus puakensis

***Philodendron knappiae***

*Cryptocoryne joshanii*

***Ischaemum siamense***

*China, Xinjiang Uygur, Burqin*

*China, Guangxi, Rongshui*

**Thailand, Chiang Rai, Wiang Pa Pao**

***China, Xinjiang Uygur, Turpan***

*India, Puducherry*

*China, Sichuan, Nanchong*

*Philippines, Mindanao Island*

*India, Punjab, Kulu*

***China, Jiangsu, Lianyungang***

Thailand, Chai Nat

**Thailand, Ratchaburi**

Russia, Zabaykalsky

Japan, Kyoto, Ayabe

**India, Arunachal Pradesh, West  
Siang**

***Russia, Tomsk Oblast***

*Philippines, Ilocos Sur*

**Conomorpha iteoides**

Asplenium cavalerianum

Senna polyphylla

**Psychotria conglobata**

***Kolleria herniariifolia***

**Digitaria lasiostachya**

Scrophularia fluminensis

Porpax repens

Lyonia tippenhaueri

**Colchicum kochii**

*Neocuatrecasia sessilifolia*

Sertula elegans

Oldenlandia humifusa

**Eupatorium subcordatum**

*Mimosa andreana*

***Parasenegalia incerta***

**India, Kerala, Kannur**

Thailand, Sakon Nakhon, Kusuman

China, Shandong, Changqing

China, Sichuan, Qianwei

Japan, Shizuoka, Fujinomiya

*China, Guizhou, Luodian*

*Sri Lanka, Matale*

Sri Lanka, Kegalle

China, Yunnan, Huize

Russia, Khabarovsk Kray, Okhotskiy

*China, Guangxi, Nandan*

India, Goa, Daman, and Diu

*Papua New Guinea, New Ireland, Kavieng*



India, Tamil Nadu, Nagapattinam

*Japan, Kyoto, Kyotanabe*

**Japan, Osaka**

Nolana chapiensis

**Euphorbia assamica**

**Scoparia ericacea**

*Rhaponticum scariosum*

*Lithophragma parvifolium*

*Scutia hutchinsonii*

***Euphorbia intermedia***

Acropera flavida

**Bonamia pannosa**

Nelitris fruticosa

Ctenopteris dissimulans

Taeniophyllum papillosum

Myosotis pectinata

*Coutarea mexicana*

Poa brachyphylla

**Phlegmariurus soanus**

*India, Tamil Nadu, Dindigul*

China, Hunan, Dong'an

American Samoa, Manu'a

**Bhutan, Samdrup Jonkhar**

Thailand, Chiang Mai, Wiang Haeng

**India, Maharashtra, Ratnagiri**

Japan, Oita

China, Guangxi, Jinxiu

Afghanistan, Baghlan

Bhutan, Gaylegphug

China, Yunnan, Shuifu

*Nepal, Mid-Western*

China, Jiangsu, Suzhou

Afghanistan, Paktia

China, Anhui, Yuexi

***Indonesia, Borneo***

Habenaria lindblomii

Coursetia glabella

Cestrum paucinervium

**Oenothera ignota**

Mammillaria micromeris

Wahlenbergia subfusiformis

Hypericum scouleri

*Ottonia hammarii*

*Grewia macropetala*

**Lyperia seineri**

Keetia queinzii

**Pleurothallis crucilabia**

**Sonerila victoriae**

**Encyclia pruinosa**

**Acrostichum hartwegii**

**Persicaria × langeana**

*Thailand, Chon Buri, Si Racha*

**China, Hunan, Lianyuan**

*New Hebrides*

**China, Taiwan, Yunlin**

**Vietnam, Lao Cai**

**Thailand, Ubon Ratchathani, Khong Chiam**

**Solomon Islands, Rennell and  
Bellona**

*China, Xizang (Tibet), Dengqen*

China, Schensi

**Bhutan, Tongsa**

**Vietnam, Quang Ngai**

Thailand, Sukhothai

New Zealand, South Island, Southland

**China, Hunan, Luxi**

China, Xinjiang Uygur, Fukang

**China, Guizhou, Xingren**

**Pseudoconyza viscosa**

**Lindera balansae**

Borbonia teres

# **Trixis terebinthinacea**

*Cercocarpus arizonicus*

*Selaginella maxima*

**Vanillosma bicolor**

Nerine gibsonii

**Calathea erythrolepis**

*Chimonobambusa pumila*

Cassipourea ellipticifolia

*Disakisperma eleusine*

Ammophila baltica

Centaurea argyrocephala

***Orthochilus corymbosus***

*Pararistolochia laheyana*

*Bhutan, Punakha*

China, Hainan, Wenchang

China, Shanghai Municip., Hongkou

China, Yunnan, Chenggong

*Australia (Country), Queensland,*  
*Leichhardt*

Philippines, La Union

China, Xinjiang Uygur, Yecheng

China, Guangxi, Daxin



Russia, Perm' Oblast

Fiji, Western

**Myanmar, Bago**

**Cambodia, Rotanokiri**

*China, Sichuan, Yilong*

**China, Anhui, Shexian**

China, Guizhou, Cengong

China, Qinghai, Xining

*Noaea tomentosa*

***Stylidium periscelanthum***

Laguna abyssinica

*Carex spadiceovaginata*

Gesneria guianensis

Eriosema barbatum

*Psoralea bowieana*

**Dendrophthora perlicarpa**

Mammillaria hennisii

Aegilops hystrix

Helianthus pubescens

Mindium canariense

*Streptanthus mildredae*

Selaginella arbuscula

Myrtus quadrisperma

*Litsea calophyllantha*

Japan, Hokkaido, Shiribeshi

China, Xizang (Tibet), Yadong

China, Shensi

China, Sichuan, Xide

China, Jiangxi, Ningdu

**China, Anhui, Tongling**

China, Sichuan, Jiajiang

China, Anhui, Shucheng

China, Yunnan, Yongde

**India, Chandigarh**

**Japan, Tokushima, Mima**

*China, Heilongjiang, Suifenhe*

**China, Sichuan, Deyang**

***South Korea, Cheju***

**India, Jharkhand, Ranchi**

*India, Uttarakhand, Chamoli*

*Dryopteris occulta*

**Vochysia speciosa**

*Polygonum runcinatum*

*Cordylocarpus tenuifolius*

Anagallis linifolia

*Eurya kueichouensis*

***Pittosporum quinquevalvatum***

Fuchsia racemosa

**Alseodaphne khasyana**

Corydalis laevigata

Eritrichium mandonii

*Silene biappendiculata*

**Robinia tragacanthoides**

Dolicholus hauthalii

*Parkia parvifoliola*

*Amellus echinocephalon*

Vietnam, Bac Can

*China, Sichuan, Zoige*

***Russia, Novosibirsk Oblast***

China, Jiangxi, Le'an

***China, Xizang (Tibet),  
Damxung***

China, Beijing Municipality, Mentougou

India, Uttarakhand, Nainital

China, Sichuan, Tchen-keou-tin

China, Gansu, Kangle

Thailand, Krung Thep Mahanakhon

*Thailand, Phichit*

*China, Jiangxi, Jiujiang*

*Pakistan, Khyber-Pakhtunkhwa, Peshawar*

*Japan, Tokushima, Awa*

*China, Shansi*

*Thailand, Sa Kaeo, Khlong Hat*

*Chytraculia martiusiana*

*Punduana vulgaris*

**Rhododendron inopinum**

*Stephanorossia palustris*

*Delosperma luckhoffii*

*Rhus aromatica*

*Eurya amplexifolia*

Cassia sturtii

Annona cuyabaensis

Lathyrus nuttallii

**Gerascanthus gerascanthoides**

***Phalaris paniculata***

*Pentameris argentea*

Barleria crossandriiformis

**Lepanthes osaensis**

Diospyros rosei

*Bangladesh, Tangail*

**Russia, Kirov Oblast**



China, Sichuan, Xuyong

Vietnam, Son La, Moc Chau

***China, Guangxi, Yongfu***

**China, Hebei, Huailai**

***China, Liaoning, Jinzhou***

China, Henan, Songxian

*China, Qinghai, Guide*

Japan, Hokkaido, Samani

**China, Shaanxi, Fuping**

Papua New Guinea, Western, Nomad

Japan, Fukuoka, Itoshima

***Russia, Omsk Oblast***

**Japan, Yamanashi, Minamitsuru**

**Sri Lanka, Puttalam**

*Ludia tuberculata*

*Caladenia atrata*

**Bulbophyllum brachyrhopalon**

*Pectis amplifolia*

*Crepidorhopalon symoensii*

*Tragacantha inflexa*

*Trisetella huebneri*

*Calypstrosteigia microcephala*

# **Olgaea sinensis**

Oncidium silvanoi

*Piper oxystachyum*

Alternanthera robinsonii

Quercus laciniifolia

**Ruschia abrupta**

Polygala subvirgata

Vincetoxicum lineare

***China, Inner Mongolia***

China, Kansu

Cambodia, Kampong Spoe, Thpong

Japan, Shizuoka, Simoda

China, Chongqing, Chengkou

China, Yunnan, Huaping

Marshall Islands

**Solomon Islands, Central**

Tajikistan, Kulyab Oblast

*China, Hunan, Lanshan*

Thailand, Nakhon Sawan,  
Banphot Phisai

**Thailand, Chumphon, Muang  
Chumphon**

China, Fujian, Nanjing

**China, Hainan, Danxian**

# **India, Jharkhand**

*China, Xinjiang Uygur, Qitai*

*Cardamine cordata*

***Medicago applanata***

*Carex binata*

***Stelis mirandae***

*Pteris friesii*

*Pleurothallis diptera*

*Dendrobium bullenianum*

***Melpomene occidentalis***

***Sideritis × xavieri***

*Xyris elata*

Dimeria fasciculata

**Carex stolonifera**

Varronia bullata

*Batrachium argutum*

Lankesterella ceracifolia

Hieracium asplenioides

China, Zhejiang, Pingyang

**Bangladesh, Jessore**

Nepal, Eastern, Sunsari

Bangladesh, Moulavibazar

**Russia, Lipetskaya Oblast'**

Kazakhstan, Dzhezkazgan Oblast

China, Jiangxi, Yanshan

China, Tianjin Municipality,  
Hebei

China, Fujian, Minhou

China, Guizhou, Tongzi

Japan, Mie, Ichishi

Laos, Xiangkhoang

China, Yunnan, Zhenyuan

Thailand, Nong Khai

*China, Sichuan, Jiang'an*

Thailand, Suphan Buri

Pleopeltis macrolepis

**Mesembryanthemum englischiaae**

Pelargonium raduloides

*Blepharis cataractae*

Athyrium austroyunnanense

**Erica venusta**

Palmijuncus muelleri

Zosterophyllum ensatus

Paphiopedilum lynnianae

*Ctenium rupestre*

Cracca texana

*Vicia gregaria*

Solanum acidochondrum



Hoarea pilosa

*Euphorbia delicatissima*

Polyouratea polygyna

*Nepal, Far-Western*

Uzbekistan, Karakalpak A.S.S.R.

*China, Jiangxi, Nanchang*

*China, Guizhou, Chishui*

*Afghanistan, Paktika*

**Thailand, Nakhon Phanom**

Vietnam, Phu Tho

*China, Sichuan, Daxian*

Mongolia, Selenge

*Turkmenistan, Ahal*

Thailand, Surin

Sri Lanka, Badulla

***China, Xinjiang Uygur, Qinghe***

Japan, Nagasaki, Omura

Thailand, Lop Buri

Sri Lanka, Jaffna

**Dracaena mastersii**

Polysphaeria maxima

Polystichum struthionis

**Crocus xanthosus**

**Mutisia huacensis**

Dendrobium unibulbe

*Isolepis crinita*

**Thea sasanqua**

Digitaria abyssinica

Liriosma velloziana

*Acer quinquelobatum*

**Moraea racemosa**

Schoenus odoratus

× **Epicattleya wolteri**

Astragalus drasianus

**Bergia pedicellaris**

Vanuatu, Torba

**China, Guizhou, Huishui**

Russia, Primor'ye Kray, Chassan

**China, Sichuan, Qingchuan**

China, Shaanxi, Yanchang

India, Haryana

**China, Guangdong, Yunfu**

Thailand, Lampang, Mae Mo

Vietnam, Ba Ria-Vung Tau

China, Chongqing, Qijiang

Japan, Kanagawa, Yamato

China, Sichuan, Renshou

*Thailand, Chiang Mai, Hot*

*China, Sichuan, Xinchang*

Pakistan, Khyber-Pakhtunkhwa,  
Chitral

**China, Guangxi, Sanjiang Dong**

**Panicum trichonode**

*Euphorbia stipitata*

Blepharodon bicolor

*Delissea dunbariae*

**Chamaecrista brevicalyx**

Anemonospermos aspera

**Danthonia charruana**

Erigeron asteroides

Elattostachys solomonensis

Senecio buglossa

**Machaerium punctatum**

Reynosia jamaicensis

*Aster ficoidea*

**Surenus febrifuga**

*Townsendia eximia*

**Plumatichilos precatorius**

Thailand, Mae Hong Son, Pai

Thailand, Sukhothai, Si Samrong

**China, Sichuan, Jianyang**

New Zealand, South Island, Tasman

**India, Karnataka (Mysore),  
Belgaum**

**Thailand, Kalasin**

Japan, Gumma, Tone

American Samoa, Eastern

*Thailand, Prachuap Khiri Khan,  
Sam Roi Yot*

India, Tamil Nadu, Cuddalore

**Australia (Country), Western Australia, Eastern**

India, Andhra Pradesh, Chittoor

China, Guizhou, Leishan

Thailand, Uttaradit

*Russia, Taymyr (Dolgan-Nenets) A. Okrug*

China, Sichuan, Mianzhu

Dupatya argyrolinon

***Ancipitia praecipua***

Jubistylis mollis

*Hyacinthella bellii*

**Microtatorchis samoensis**

Styrax occidentalis

**Asplenium subvestitum**

Gonolobus melinii

Amaranthus acutilobus



Plectranthus dissitiflorus

Zaluzianskya alpestris

Euphorbia physalifolia

Cichlanthus schultesii

Paspalum sanguinale

**Babiana stenomera**

**Phyllocactus serratus**

China, Shanghai Municip., Huangpu

*China, Jiangxi, Wuning*

Indonesia, Jawa, Jawa Barat (W. Java), Bogor  
Regency

*China, Hainan, Ledong*

China, Yunnan, Jinggu

**China, Kwangtung**

China, Guizhou, Guanling

**China, Fujian, Minhow**

***Thailand, Sara Buri, Muak Lek***

China, Guangdong, Luoding

*Indonesia, Sumatera, Jambi*

**Japan, Fukuoka, Kasuya**

China, Yunnan, Yuanmou

Uzbekistan, Fergana Oblast

Commonwealth of the Northern Mariana Islands

Japan, Ibaraki, Kitaibaraki

**Cousinia lignosissima**

Acacia sciophanes

**Vulpia brevis**

**Dolicholus ovatus**

*Andropogon cymbachne*

**Haylockia pseudocrocus**

*Senna rigidicaulis*

Canarium purpurascens

Sorbus pauca

**Egenolfia tonkinensis**

Peristrophe cumingiana

Microstylis stocksii

Trichosalpinx lamellata

Symplocos globosa

***Astragalus onobrychioides***

*Eugenia pasacaensis*

*China, Guangdong, Gaoyao*

China, Guangdong, Chaozhou

*Japan, Shiga, Ika*

India, Arunachal Pradesh, West Kameng

China, Shanxi, Pingyao

Vietnam, An Giang

China, Beijing Municipality,  
Fangshan

China, Gansu, Lixian

China, Yunnan, Jinping

Tajikistan, Khatlon

China, Jilin, Tao'an

*United States of America, Texas,  
Cameron County*

***United States of America,  
Maine***

United States of America, New  
Hampshire, Coos County

*United States of America, Maine, York County*

**Canada, Quebec Province**

## **Hypoxis pilosa**

Grevillea rosmarinifolia

Ervum aristatum

Hieracium tersum

Dendrobium stipiticola

Octanema scabrida

Delphinium tomentellum

Roldana greenmanii

Panicum sabulicola

Aristida suringaruii

## **Opulaster sinensis**

Althaea sylvestris

Heliotropium denticulatum

Nepeta amoena

**Phalangium pauciflorum**

*Selaginella praestans*

United States of America,  
Alabama

Canada, Ontario

United States of America, New York

United States of America, Georgia

Canada, Newfoundland & Labrador

United States of America, Arkansas, Lonoke County

**United States of America, North**

**Carolina, Yancey County**

*United States of America,  
California, Modoc County*

*United States of America, North  
Carolina*

Canada, Saskatchewan

United States of America, Missouri, Iron  
County

United States of America, Arizona

*United States of America,  
California, Alameda County*

*United States of America, Vermont, Windsor County*

**United States of America,  
Pennsylvania, Chester County**



**Costa Rica**

Polygonum psychrophilum

***Cyathea sunduei***

Trachycarpus martianus

*Liabum sericolepis*

Cicerbita favratii

Mormodes lentiginosa

**Cereus yucatanensis**

Enckea californica

Tetranthera utilis

Stevia concordiana

Fimbristylis bengalensis

## **Nervilia simplex**

Phenax galeottianus

Gymnogramma lathamiae

*Eugenia anisomischa*

Brachyscome aculeata

*United States of America,*  
*Massachusetts, Suffolk County*

*United States of America, Rhode Island*

Canada, British Columbia

United States of America, Montana

**Canada**

United States of America, California, Los Angeles  
County

*United States of America, New Hampshire*

**United States of America, Connecticut, Hartford  
County**

United States of America,  
Massachusetts, Middlesex County

**United States of America, Alaska,  
Unorganized Borough**

**United States of America, Maine,  
Aroostook County**

**United States of America, New Mexico, Valencia  
County**

United States of America, Vermont, Rutland  
County

United States of America, Massachusetts, Bristol

County

United States of America, Louisiana, Union County

***United States of America, Arkansas***

Riesenbachia racemosa

*Matonia pectinata*

Prenanthes altissima

Carex sennenii

*Pityrogramma adiantoides*

*Plectronia fenicis*

*Gentiana luteoviridis*

***Aspidostemon insignis***

Poa incurvata

*Galatella corymbulosa*

Tithymalus apiculatus

**Pedilanthus calcaratus**

Echinocactus centeterius

Sericolea elegans

***Thrixspermum batuense***

Conophyllum globosum

*United States of America,  
Connecticut*

United States of America, New Hampshire,  
Rockingham County

United States of America, Massachusetts,  
Franklin County

United States of America, California,  
Mariposa County

**United States of America, Maine, Penobscot  
County**

Mexico, Puebla, Tehuacan

United States of America, Maine,  
Cumberland County

***United States of America,  
Massachusetts***

***United States of America, Nevada, Washoe  
County***

United States of America, Kansas, Rooks  
County

United States of America, Georgia, Thomas  
County

**United States of America, Michigan, Clinton  
County**

United States of America, Connecticut, New Haven  
County

***United States of America,  
California, Orange County***

**United States of America, Rhode Island,  
Washington County**

**United States of America, Missouri**

Sinocarum pauciradiatum

Thesium microcephalum

**Amesia microphylla**

**Uragoga xanthocephala**

Pyrus yamatensis

**Flaveria palmeri**

*Pteromonnia weddelliana*

Hexadesmia fasciculata

Spiranthes preslii

**Mallotus formosanus**

**Draba laxa**

Morisonia valerabella

*Bouyeria baccata*

Acanthosyris colombiana

*Aralia weberbaueri*

**Molina salicifolia**

Puerto Rico



**United States of America, Nevada, Elko County**

***US and Canada (countries only and not Greenland)***

Canada, Manitoba

*Canada, Yukon Territory*

United States of America, Alaska

***United States of America, Maine, Oxford County***

**United States of America, Nevada, Clark County**

**United States of America, Texas, Parker County**

United States of America, Florida, Lake County

United States of America, Montana,  
Madison County

United States of America, California

**United States of America, North Carolina,  
Jackson County**

**United States of America, South  
Dakota**

***United States of America, New  
Hampshire, Carroll County***

United States of America, Florida,  
Hillsborough County

Phaseolus purpusii

Sabulina tortumensis

Evolvulus corumbaensis

***Scalia nutans***

Asplenium melanopus

*Helicia woxvoldiana*

*Silene korshinskyi*

**Agave venustuliflora**

Kunzea schaueri

*Erythronium harperi*

Carludovica steyermarkii

***Dolichos stenocarpus***

Gentiana esquirolii

Aeranthus campbelliae

Sahagunia colombiana

Chymocarpus tricolor

United States of America, California, Mendocino  
County

***United States of America,  
Massachusetts, Hampshire County  
(MA)***

*United States of America, Michigan, Emmet County*

**United States of America,  
Idaho, Cassia County**

Grenada

*United States of America, Maine, Hancock  
County*

*United States of America, Vermont,  
Orleans County*

United States of America, Colorado

*United States of America, Vermont,  
Windham County*

**United States of America, Louisiana**

*United States of America, Utah, Summit County*

*United States of America, Mississippi,  
Oktibbeha County*

*United States of America, Vermont, Orange  
County*

United States of America,  
Indiana, Elkhart County

United States of America

**United States of America,  
Missouri, Bollinger County**

*Ottleya argyraea*

***Sclarea tuberosa***

***Mimulus minthodes***

**Campanula frivaldskyi**

***Miconia urbanii***

**Pleurocoronis laphamioides**

**Galanthus angustifolius**

**Erica pallida**

***Justicia acutifolia***

**Peucedanum oblongisectum**

**Impatiens analavelensis**

Nephrodesmus hochreutineri

Phoradendron antillarum

*Prioria balsamifera*

Marsdenia dorotheae

Dolicholobium moluccense

United States of America, Oregon, Lane  
County

*United States of America, Texas, Taylor  
County*

United States of America, Arkansas,  
Washington County

*United States of America, Massachusetts, Barnstable  
County*

*United States of America,  
California, Contra Costa County*

**United States of America, Massachusetts, Norfolk County**

**United States of America, California, Shasta County**

*Mexico, Zacatecas*

**United States of America, Vermont**

*United States of America, Texas, Travis County*

**United States of America,  
Minnesota**

*United States of America, Michigan*

United States of America, Oklahoma,  
Latimer County

United States of America, Florida

**United States of America, New Hampshire,**



# Grafton County

United States of America, Missouri,  
Howard County

*Ardisia oligantha*

*Stelis patella*

Cyperus monocephalus

**Impatiens waldheimiana**

**Stellaria zangnanensis**

Vittaria caricina

**Phaeocephalum leptorhynchum**

Pavonia bracteosa

Eupatorium dodonaeifolium

*Rapuntium puberulum*

Brahea psilocalyx

*Calanthe rubens*

**Epipogium tuberosum**

*Stenospermation longifolium*

Amyris centinelensis

Chorizanthè virgata

**United States of America, California,  
San Bernardino County**

*United States of America, Missouri,  
McDonald County*

United States of America,

Connecticut, Fairfield County

United States of America, Florida,  
Okaloosa County

***United States of America, Colorado, Gunnison  
County***

United States of America, Minnesota,  
Becker County

United States of America, Arizona,  
Coconino County

United States of America, Nevada

***Mexico, Oaxaca***

*United States of America, Florida,  
Citrus County*

*United States of America, California, Inyo*

County

**United States of America, Arkansas, Polk County**

United States of America, Louisiana, Saint  
Martin County

**Cuba, Pinar del Rio**

*United States of America, Kentucky,  
Whitley County*

***United States of America, Illinois***

Bulbophyllum kirkwoodiae

Acacia viscifolia

Annona pickelii

**Magnolia caloptila**

**Elaeodendron kamerunense**

Pamphalea missionum

Dendrochilum clemensiae

Scirpus pileatus

*Tulipa corynestemon*

Epidendrum viridibrunneum

*Ouratea conrauana*

*Cassia crommyotricha*

Meliocarpus cilicicus

Macaranga griffithiana

Pedicularis pennina

Marsdenia calichicola

**United States of America, California, Mono County**

**Dominican Republic, Samana**

*United States of America, Oregon,  
Malheur County*

United States of America, Tennessee,  
Hamilton County

**Canada, Nova Scotia**

**Mexico**

United States of America, North  
Carolina, Macon County

*United States of America, Wyoming*

United States of America, Massachusetts, Essex  
County

United States of America, Wyoming, Park  
County

United States of America, Alabama,  
Colbert County

Honduras, Francisco Morazan

*United States of America, Arizona, Graham  
County*

**United States of America, Arizona,  
Yuma County**

United States of America, Michigan,  
Wayne County

Costa Rica, Alajuela

***Chamaepentas nobilis***

**Dortmanna robusta**

Mentha eschfaelleri

Blandfordia flammea

***Cephalaria aytachii***

Polyacantha palustris

*Erica vagans*

Asplenium elmeri

Myrcia chrysophylla

Nesaea fruticosa

Pyrus hellas

*Rhipsalis cassytha*

Pasania cerebrina



Lupinus pseudolinearis

*Satyrium tortum*

*Aloe arborescens*

United States of America, Pennsylvania,  
Berks County

United States of America, Kansas,  
Douglas County

United States of America, California, Marin  
County

*Canada, British Columbia, Capital  
Regional District*

United States of America, Missouri, Jasper County

**United States of America, Arizona,  
Mohave County**

United States of America,

Florida, Gadsden County

*United States of America, California, Santa Barbara County*

**United States of America, California,  
Sierra County**

*United States of America, Missouri, Saint Charles County*

United States of America, Tennessee, Knox County

United States of America, North Carolina, Sampson County

***United States of America, Connecticut,  
Litchfield County***

United States of America, Texas, Dallas County

*United States of America, Mississippi*

United States of America, Idaho, Valley County

Hieracium sparsiflorum

**Cucullaria rufa**

**Ligularia lagotis**

Weinmannia chryseis

**Polygala repens**

Phaeopappus daralagoezicus

**Sarcanthus pallidus**

**Ammannia japonica**

Megacarpaea laciniata

**Dubautia × paludicola**

**Smilax lata**

*Pyrethrum polycephalum*

Caladenia evanescens

*Pyrocoma prionophylla*

*Catha rigida*

Cercostylos brasiliensis

Mexico, Morelos

United States of America, Minnesota, Cook County

United States of America, Florida, Duval  
County

*United States of America, California, Lake  
County*

United States of America, Texas, Jeff  
Davis County

Canada, New Brunswick, Charlotte

County (New Brunswick)

Panama, Chiriqui

United States of America, New  
Hampshire, Hillsborough County

United States of America, Texas

Mexico, Jalisco

United States of America,  
District of Columbia

United States of America, South  
Carolina

Canada, Alberta

*United States of America,  
Washington, Klickitat  
County*

United States of America, Nevada, Nye  
County

United States of America, Texas, Brewster  
County

*Mimosa cauliflora*

*Crocus campestris*

**Solanum bruecheri**

*Centropogon hypotrichus*

Hieracium halimium

Mesembryanthemum dependens

Senecio pinnatus

*Neonauclea pseudoborneensis*

Campanula rotunda

***Barleria polhillii***

Oxalis tenuicalyculata

Cleome serrulata

Tabebuia coronata

**Ditassa itambensis**

Ophrys magniflora

*Commiphora holtziana*

*United States of America, Maryland*

United States of America,  
Texas, Walker County

United States of America, Oregon, Union County

**United States of America, California,**  
**Tulare County**

United States of America, California, Butte  
County

United States of America, California, Kern  
County

*United States of America,  
Massachusetts, Worcester County*

United States of America, Oregon, Jackson  
County

*United States of America, Wisconsin, Brown County*

**Guatemala**

United States of America, Vermont,  
Chittenden County

United States of America,  
Washington, Kittitas County

United States of America, Maine,



Androscoggin County

United States of America,  
California, San Diego County

Canada, New Brunswick

United States of America, Kansas

*Salix tinctoria*

**Chingia supraspinigera**

*Eugenia samuelssonii*

**Cotyledon rusbyi**

*Begonia beccarii*

*Eriospermum albucoides*

*Cassia frutescens*

Chambeyronia divaricata

**Melothria tomentosa**

*Diodia stipulosa*

**Brachystegia bakeriana**

Heterostemma gracile

*Parosela palmeri*

**Piper debilicaule**

**Allium pseudowinklerianum**

Niphobolus pannosus

**United States of America, Montana,  
Carbon County**

United States of America, Florida,

Monroe County

United States of America, Illinois, Cook  
County

United States of America, Maine, Lincoln  
County

United States of America, New Jersey,  
Burlington County

United States of America, California, San Benito  
County

United States of America, Virginia, Charles City County

United States of America, Massachusetts,  
Berkshire County

United States of America, Oregon,  
Jefferson County

United States of America, New  
York, Tompkins County

**Mexico, Guerrero, Petatlan**

**United States of America, Washington**

**United States of America, Maine,  
Knox County**

United States of America, Connecticut, New London  
County

**Mexico, Mexico**

*United States of America, New Mexico, Colfax County*

**Masdevallia simula**

**Adenophora jacutica**

**Guioa chrysea**

**Hakea raybrownii**

**Myrmechis longii**

Cyphia scandens

*Calendula tripterocarpa*

Satyrium carsonii

Conostegia volcanalis

Vriesea exaltata

*Andruris tenella*

**Calamus klossii**

Cynomarathrum scabrum

**Uragoga parasitica**

Paramoltkia doerfleri

Hydrocotyle aristeguietae

United States of America, Kentucky

United States of America, California, Nevada County

United States of America, North Carolina, Watauga County

*United States of America, Washington,  
Yakima County*

*United States of America, Oregon,  
Klamath County*

*United States of America, Oregon, Hood River  
County*

**United States of America, Massachusetts,  
Hampden County**

United States of America, Delaware,  
Sussex County

United States of America, Florida, Volusia  
County

*United States of America, Kentucky, Johnson County*

**United States of America, Rhode Island,  
Providence County**

*Dominican Republic*

*Cuba*

**United States of America, Louisiana, Allen  
County**

**United States of America,  
Arkansas, Pike County**

**Cuba, Camaguey**

**Meringium hosei**

*Scheelea goeldiana*

**Hieraciodes achyrophorodes**

*Paspalum riparium*

*Myrsine excelsa*

*Tragus decipiens*

*Acmella spilanthoides*

*Platanthera fimbriata*

*Muricococcum sinense*

*Apacheria chiricahuensis*

*Stangea calchaquina*

*Pygeum henryi*

*Opuntia ganderi*

*Heptapleurum stolleanum*

***Lachenaia bulbifera***



*Olax loranthiformis*

United States of America, Maine,  
Washington County

**United States of America, Texas,  
Matagordo County**

**United States of America, California, Monterey  
County**

United States of America, Idaho, Idaho County

United States of America, Utah

**United States of America, Ohio**

United States of America, Pennsylvania, Perry County

United States of America, Utah, Salt  
Lake County

United States of America,  
Massachusetts, Nantucket County

**United States of America, Illinois,  
Peoria County**

*United States of America, Pennsylvania, Blair County*

**United States of America, Utah,  
Box Elder County**

*United States of America, Pennsylvania,  
Lancaster County*

United States of America,  
Minnesota, Goodhue County

**United States of America,  
Minnesota, Saint Louis County  
(Minnesota)**

United States of America, Arkansas, Garland  
County

*Eulychnia vallenarensis*

Selago variicalyx

**Byttneria fontis**

**Hypoxis veratrifolia**

**Miconia fragrantissima**

*Phthirusa schneeana*

Elongatia superbiens

Oncidium × wattianum

**Panicum killipii**

**Vernonia weberbaueri**

*Halenia rhyacophila*

*Rubus croceacanthus*

**Roepera horrida**

**Hypoestes poilanei**

**Oryzopsis trichotoma**

*Graphorkis stachyodes*

United States of America, New Hampshire, Cheshire County

**United States of America, New York,  
Warren County**

United States of America, Maine, Kennebec County

Canada, Northwest Territories

Greenland

United States of America, Vermont, Bennington County

*United States of America, Texas,  
Wichita County*

*United States of America,  
New Mexico, Dona Ana County*

United States of America,  
Wyoming, Teton County

United States of America, California, Del Norte  
County

United States of America, Oregon

*United States of America, California,  
Tuolumne County*

United States of America, Texas, Marion County

*United States of America, Vermont, Grand Isle*

## **County**

United States of America, California, Trinity County

United States of America, Arizona, Pima County

Symplocos peruviana

***Hoya longicalyx***

***Cerastium guatemalense***

**Rhizophora gymnorhiza**

Bursera obovata

Microstylis flavoviridis

*Polypodium matthewii*

*Pteronia mooreiana*

Juncus alpinus

**Simocheilus quadrifidus**

Viola anagae

**Helia alpestris**

**Viguiera hirsuta**

*Festuca durissima*

**Kayea rosea**

**Opuntia ficus-indica**

**United States of America, Kansas, Hamilton County**

United States of America, Colorado, Larimer County

*United States of America, Texas, Tarrant County*

United States of America, Maine, Piscataquis County

United States of America, Pennsylvania,  
Centre County

**United States of America,  
Virginia, Prince George County**

United States of America, Colorado, Clear  
Creek County

United States of America, Virginia,  
Middlesex County

**United States of America, Rhode Island,  
Newport County**

**Costa Rica, San Jose**

United States of America, Georgia, Gilmer  
County

***United States of America, New Jersey***

*United States of America, North*



*Carolina, Nash County*

*Canada, Quebec Province, Portneuf, MRC*

**United States of America, Texas, Ward County**

***United States of America,  
California, Placer County***

Actinidia chrysantha

Dinebra nealleyi

**Lessingianthus glaziovianus**

*Piptochaetium cucullatum*

***Jobinia grandis***

**Buena lambertiana**

*Rhipidoglossum philatelicum*

**Odontoglossum praestans**

Citrus unshiu

Marialva guianensis

**Philadelphus × polyanthus**

*Chromatotriccum argiense*

Elatinoides brunneri

**Senecio huallaganus**

*Centaurea brevi-  
appendiculata*

**Matricaria minima**

United States of America, California, El Dorado County

United States of America, Texas, Webb County

United States of America, Colorado,

Montrose County

**United States of America, Utah, San Juan County**

**Canada, British Columbia, Columbia-Shuswap Regional District**

*United States of America, Florida, Manatee County*

**United States of America, South Carolina, Beaufort County**

*Mexico, Chihuahua, Chihuahua*

**United States of America, Kentucky, Clark County**

*United States of America, Pennsylvania, McKean County*

**United States of America, California, Madera County**

United States of America, California,  
Siskiyou County

United States of America,  
Texas, Crockett County

Honduras, Comayagua

United States of America,  
Idaho

**United States of America, Virginia,**  
**Greensville County**

*Gomphia flava*

Sarratia scariosa

Argyrolobium krebsianum

Echinops tenuisectus

*Medinilla africana*

Wehlia coarctata

*Selerothamnus pentaphyllus*

Pseudocrupina arabica

Magnolia yajlachhi

Feuilleea bella

**Adelphia hiraeca**

Oenothera compacta

**Mezobromelia capituligera**

**Salvia haitiensis**

Philodendron tenuipes

Mimosa hebeclada

*United States of America, Alabama, Tuscaloosa County*

**United States of America, South Carolina, Richland County**

***United States of America, Texas, Galveston County***

*United States of America, Virginia, Sussex County*

*United States of America, Arizona, Yavapai County*

United States of America, Wisconsin, Dane County

United States of America, Colorado, Delta County

**United States of America, Texas, Zavala County**

*Honduras, Yoro*

*United States of America, Vermont, Lamoille County*

United States of America, Wyoming,  
Johnson County

*United States of America, Massachusetts,  
Dukes County*

United States of America, California, Amador County

*United States of America,  
Virginia, Rockbridge County*

*United States of America, New  
Mexico, Lincoln County*

United States of America, Mississippi, Monroe County

***Aspidium subcaudatum***

**Aconitum jacquinianum**

Panicum pennisetum

**Sasa meakensis**

**Sida paradoxa**

**Ochthocosmus africanus**

Tecoma papyrophloios

***Knautia diodon***

**Melica parishii**

Quercus tinctoria

**Lucuma laurifolia**

**Pavonia aspera**

**Coleus igniarius**

**Augustea moreirana**



*Clematis buchananiana*

Peperomia malmeana

*United States of America, Texas, Brazoria  
County*

**United States of America, New  
Jersey, Essex County**

Virgin Islands (United States of America),  
Saint Thomas

*United States of America, Texas, El Paso County*

*United States of America,  
Michigan, Marquette County*

United States of America, Texas, Gonzales  
County

**United States of America, Maine, Franklin  
County**

# **Canada, Nunavut, Qikiqtaaluk Region** **(Nunavut)**

United States of America, Maine, Somerset  
County

United States of America, Alaska, Lake and Peninsula  
Borough

**United States of America,  
Alaska, Kodiak Island Borough**

United States of America, Texas, Borden  
County

**United States of America,  
Pennsylvania, Bucks County**

Mexico, Michoacan

United States of America, Virginia, Smyth County

*United States of America, Nevada,*

*Esmeralda County*

*Leucohyle mutica*

*Chomelia pallidula*

*Phelypaea pareyssi*

*Pseudodracontium kuznetsovii*

*Luxemburgia angustifolia*

*Jasione bovei*

*Magnolia peruviana*

***Verbesina cayucensis***

*Platymiscium speciosum*

*Carthamus helenioides*

**Stathmostelma stipitatum**

Albizia stipulata

**Justicia nummulus**

*Brachionidium galeatum*

Crataegus patrum

**Tillaea saginoides**

United States of America, North Carolina, Polk County

*United States of America, Arizona, Navajo  
County*

**United States of America,  
New York, Rensselaer County**

*United States of America, Oklahoma,  
Carter County*

*United States of America, Georgia, Sumter County*

*United States of America, Ohio,  
Hamilton County*

***United States of America,  
Florida, Levy County***

United States of America, North Carolina, Orange County

**United States of America,  
Oklahoma**

**United States of America, Florida, Jefferson County**

Canada, New Brunswick, Gloucester County (New  
Brunswick)

*United States of America, Texas, Bowie County*

***United States of America, California, San  
Francisco County***

United States of America,

Colorado, El Paso County

**United States of America, Georgia, Emanuel  
County**

United States of America, Ohio, Butler  
County

Helianthemum distachyos

**Thelypteris boridensis**

*Enydra sessilifolia*

Microtis atrata

*Syzygium lineatum*

Holcus densus

*Miconia buchtienii*

Quamoclit lobata

**Aria subochracea**

**Soldanella crenata**

**Ribes divaricatum**

*Podosemum foliosum*

*Lycopsis longifolia*

Gireoudia pilifera

*Otholobium drewae*

**Neottianthe ovata**

United States of America, Vermont,  
Addison County

**United States of America,**  
**North Carolina, Swain County**

**United States of America, Minnesota, Cass**

## **County (Minnesota)**

United States of America, Utah,  
Kane County

United States of America, Texas, Tom Green County

United States of America, Iowa, Decatur  
County

United States of America, Idaho, Nez  
Perce County

United States of America, Ohio,  
Washington County

**United States of America, Nevada, White  
Pine County**

**Mexico, San Luis Potosi**

United States of America, Virginia



*United States of America, Georgia,  
Muscogee County*

United States of America, New Mexico

**United States of America, California, Santa Clara  
County**

*United States of America, Rhode  
Island, Bristol County*

United States of America,  
Delaware, Kent County

Coprosma cuspidifolia

Bulbophyllum lipochilum

Abutilon myrianthum

*Nierembergia scoparia*

*Aster frostii*

**Xylopiia javanica**

**Dimorpholepis serrata**

Begonia hastata

***Colocasia heterochroma***

*Lamyra afra*

Arctotis pusilla

*Vaccinium scalarinervium*

**Sporobolus seineri**

Alternanthera tetramera

Pinguicula conzattii

**Blepharidachne benthamiana**

***United States of America, Georgia,  
Mitchell County***

**United States of America, South Carolina,  
Laurens County**

*United States of America, Florida, Jackson  
County*

***United States of America,  
Idaho, Blaine County***

Canada, Nunavut

***United States of America, Connecticut,  
Windham County***

**United States of America, Michigan, Ingham  
County**

United States of America, Louisiana, Jefferson County

# **United States of America, Idaho, Jefferson County**

United States of America, New York, Albany County

*United States of America, New  
Jersey, Bergen County*

*United States of America, Texas, Randall County*

*United States of America, Washington, Grays Harbor County*

*United States of America, North  
Carolina, Haywood County*

Canada, Nova Scotia, Lunenburg County (Nova Scotia)

# **United States of America, Idaho, Oneida County**

*Diospyros verrucosa*

**Bionia rigida**

**Monella ventricosa**

*Opuntia boldinghii*

*Antirrhinum purpureum*

**Pogostemon chinensis**

**Mananthes lianshanica**

**Sphaeralcea sandemanii**

**Dasystephana linearis**

*Blyxa caulescens*

*Vavaea pachyphylla*

**Rondeletia amoena**

*Impatiens mairei*

Armeria macrophylla

Feijoa sellowiana

Calamagrostis macloviana

United States of America, Washington, Skagit County

**Canada, Northwest Territories, South Slave  
Region (Northwest Territories)**

United States of America, Delaware

**United States of America, Montana, Park  
County**

United States of America, California, Solano County

United States of America,  
Georgia, Dougherty County

**Canada, Quebec Province, La  
Matapedia, MRC**

**United States of America, Alaska,  
Sitka County**

**United States of America,  
Missouri, Vernon County**

United States of America, California, Napa County

**United States of America, Texas, Smith  
County**

**United States of America, North  
Carolina, Jones County**

United States of America, Indiana, Jasper County

**United States of America, California, Riverside  
County**

**Mexico, Puebla**

United States of America, California, Santa Cruz  
County

**Hydrocotyle fusca**

*Tephrosia myrtifolia*

Sampera pichinchensis

**Hieracium confluens**

***Strychnos buettneri***

Brossaea vernalis

**Ixora manila**

***Cynopaema androsaemifolium***

Arachnothryx capitellata

Feuilleea glyphoxylon

Blaeria glanduligera



**Erisma niveum**

*Cryptocarya glaucocarpa*

*Buchnera orgyalis*

*Araucaria albospica*

**Neolitsea archboldiana**

**United States of America, Alaska,  
Juneau Borough**

*Saint Lucia*

**United States of America, Kentucky, Harlan County**

**United States of America, Mississippi,  
Bolivar County**

*United States of America, Florida, Brevard County*

*United States of America, California,*

Sonoma County

United States of America, Oregon, Linn County

United States of America, Florida,  
Saint Johns County

*United States of America, Texas, Karnes County*

**United States of America, Iowa**

*United States of America, Idaho, Canyon County*

United States of America, Virginia,  
Giles County

**United States of America, Maine, Sagadahoc County**

***United States of America,  
Washington, Grant County***

United States of America, Alaska, North Slope

*United States of America, Tennessee*

**Becium cameronii**

***Ocotea laetevirens***

Notocactus haselbergii

*Microtoena delavayi*

Montia erythrophylla

***Pinus nobilis***

Calamagrostis coarctata

***Viscum humbertii***

*Polypodium tijuccanum*

Cypripedium × lathamii

Polypogon magellanicus

Geranium jainii

Carex mainensis

***Hypericum leprosum***

Styloglossum chrysanthum

Cirsium oleraceum

*United States of America,*  
*Massachusetts, Plymouth*  
*County*

**United States of America, North Carolina,**  
**Harnett County**

*United States of America, South Carolina,*  
*Darlington County*

*United States of America,*  
*New York, St. Lawrence*

## *County*

United States of America, Tennessee, Marshall  
County

*United States of America, Ohio, Lucas County*

## *Panama*

## **Mexico, Guanajuato**

United States of America, South Carolina,  
Charleston County

United States of America, Vermont,  
Essex County

## **El Salvador**

United States of America,  
Missouri, Benton County

United States of America, Utah, Sevier  
County

United States of America, Wyoming, Carbon  
County

*United States of America, California, Calaveras County*

**Odontoglossum punctulatum**

*Eutrochium dubium*

*Aulomyrcia dictyophylla*

**Oncidium humboldtii**

*Cucurbita purpurea*

*Hydrocotyle racemosa*

*Lindelofia benthamii*

Crataegus × berolinensis

Dendrophyllanthus hypospodius

Ivesia callida

*Combretum copaliferum*

Acacia umbellata

Otoglossum luerorum

*Ouratea microdonta*

**Oncidium plicigerum**

**Palicourea triphylla**

Canada, Prince Edward Island, Prince County (Prince Edward Island)

Mexico, Veracruz

United States of America, Nebraska,  
Rock County

United States of America, Virginia,  
Augusta County

Trinidad and Tobago, Trinidad

United States of America, New York,  
Essex County

*Mexico, Sinaloa*

United States of America, Ohio,  
Fairfield County

United States of America, Texas,  
Victoria County

United States of America, New Jersey, Ocean County

United States of America, Virginia,



**Shenandoah County**

**United States of America, Texas,  
Armstrong County**

**United States of America, Oregon,  
Morrow County**

**United States of America, Colorado, Boulder County**

**United States of America, Vermont, Caledonia  
County**

***Jamaica***

***Bonafousia pendula***

***Scaevola geniculata***

**Indocalamus quadratus**

**Rosa elongatifrons**

**Amomum monophyllum**

Mesosphaerum alpestre

Lastrea ptarmiciformis

Stemodiacra palustris

*Calonemorchis patersonii*

Claoxylon caerulescens

Mitrephora multiovulata

**Hieraciodes corniculata**

*Erythroxyllum skutchii*

**Gendarussa orchioides**

Opilia latifolia

Aechmea filicaulis

**United States of America,**  
**Indiana, Perry County**

United States of America, Arkansas, Scott County

*United States of America, West Virginia,*  
*Preston County*

**Mexico, Morelos, Cuernavaca**

**Costa Rica, Guanacaste**

United States of America,  
Oklahoma, Harmon County

United States of America, Arizona, Pinal County

**United States of America, Virginia,**  
**Nansemond County**

United States of America, West  
Virginia, Pocahontas County

*United States of America, Nebraska,  
Cherry County*

*United States of America, Florida,  
Alachua County*

United States of America, Pennsylvania,  
Northampton County

*United States of America, Florida, Marion County*

United States of America, Virginia, Arlington  
County

**United States of America, Florida,  
Indian River County**

**Canada, Manitoba, Portage la Prairie, Rural  
Municipality of**

Hypopitys americana

**Arisaema loureiroi**

Homalium tongaense

Gaertnera guillotii

Phoradendron eduardi

Tabernaemontana bovina

***Colchicum tessulatum***

Marsdenia incisa

Vachellia bavazzanoi

*Lepanthopsis domingensis*

Dasylepis thomasi

Helminthotheca comosa

***Condaliopsis rigida***

***Gesneria lindmanii***

Agathosma pusilla

*Meibomia nitida*

*United States of America, Nevada, Eureka County*

United States of America, Washington,  
Okanogan County

*United States of America, Montana,  
Lake County*

*United States of America, California,  
Humboldt County*

United States of America, Texas, Bexar  
County

*United States of America, North  
Carolina, Madison County*

United States of America,

Pennsylvania

*United States of America, Florida,  
Leon County*

United States of America, Oklahoma,  
Johnston County

*Canada, Nova Scotia, Yarmouth County (Nova  
Scotia)*

United States of America, Virginia,  
Surry County

*Mexico, Chiapas*

United States of America, New  
Mexico, Sierra County

Costa Rica, Heredia

United States of America, Colorado, Mesa  
County

United States of America, New  
Hampshire, Strafford County

**Hieracium linearifolium**

**Achyranthes lanaiensis**

Abelmoschus caillei

**Leuzea palmeilana**

Agapetes prostrata

Zaluzianskya africana

Irlbachia phelpsiana

Belvala dodecandra

Encyclia guentheriana

**Monechma ukambense**

**Filaginella palustris**



*Callista clavipes*

*Uragoga neurotricha*

Erysimum brachycarpum

Walsura glabra

Pentas oncostipula

United States of America, Ohio, Franklin  
County

United States of America,  
Oregon, Harney County

*United States of America, Idaho, Latah County*

United States of America, California, San Mateo  
County

**United States of America, Louisiana,  
Orleans County**

United States of America,  
Oklahoma, Seminole County

United States of America, Texas, Jackson  
County

United States of America, New York,  
Greene County

Canada, British Columbia,  
Regional District of Nanaimo

United States of America,  
Florida, Orange County

United States of America, California, Lassen County

Dominica

**Canada, Ontario, Regional  
Municipality of Waterloo**

United States of America, Alabama,  
Mobile County

*United States of America, California, Yuba*  
*County*

United States of America, Montana, Powell County

Sapindus thurstonii

**Coleosanthus thyrsiflorus**

*Potentilla pilosa*

**Taraxacum belonodens**

Purpureostemon ciliatus

**Rubus rubiginosus**

Elaeagnus cyanea

*Salix torrentis*

***Stelis tricolor***

*Panicum orthostachys*

**Centaurodes stricta**

*Chondrilla gibbistrois*

*Panicum metzii*

*Aristolochia arenicola*

*Didymosperma hastata*

**Ludwigia martii**

United States of America,  
Nebraska

United States of America, Wisconsin, Marquette  
County

**Mexico, Tabasco,  
Huimanguillo**

Canada, Quebec Province,  
Rimouski-Neigette, MRC

*United States of America, Michigan,  
Lake County*

*United States of America, New York, Erie County*

*United States of America,  
Texas, Harris County*

United States of America, Tennessee, Polk  
County

***United States of America,  
Texas, Val Verde County***

*United States of America, Vermont, Franklin*

*County*

United States of America, New  
Hampshire, Sullivan County

United States of America,  
Mississippi, Tishomingo County

*United States of America, Oklahoma, Beckham  
County*

United States of America, Alaska, Kenai  
Peninsula Borough

United States of America, Louisiana, Rapides  
County

United States of America, New York,  
Delaware County

*Rhododendron* × *cartonianum*

*Ephedra podostylax*

Potamogeton × undulatus

*Sinningia harleyi*

Senecio balansae

Tetraneuris trinervata

*Justicia squalida*

Alyssum spinosum

Eulophia campanulata

**Eufragia vivianii**

Tephrosia karkarensis

Pepo oblongus

**Angelica tsinlingensis**

Clematis pseudoalpina

Bulbophyllum migueldavidii

Nageia gnidioides

*United States of America, New York,  
Sullivan County*

*United States of America, North Carolina,  
Buncombe County*

*United States of America, Michigan,  
Muskegon County*

**United States of America, Michigan, Keweenaw  
County**

United States of America, Missouri, Barry  
County

**United States of America, Idaho, Lemhi County**

United States of America,  
Wyoming, Sublette County



**Guatemala, Quiche**

United States of America, Nebraska, Dawes  
County

***United States of America, New Hampshire,  
Belknap County***

United States of America, Oregon, Deschutes County

*United States of America,  
Louisiana, Vermillion County*

*United States of America, Mississippi, Jackson  
County*

United States of America, Alaska, Denali  
Borough

*United States of America,  
Rhode Island, Kent County*

United States of America, Arizona,  
Maricopa County

Argythamnia illimaniensis

**Medica inermis**

Hosta polyneuron

Gagea hypoxioides

Talauma gloriensis

*Raddia portoi*

*Copaifera epunctata*

Bouzetia maritima

Taeckholmia regis-jubae

Calytrix warburtonensis

*Linociera parvifolia*

*Glochidion symphoricarpoides*

*Urophyllum creaghii*

*Plazia herzogiana*

*Gaultheria suborbicularis*

*Butneria occidentalis*

United States of America, Montana,  
Flathead County

United States of America, Florida, Polk  
County

United States of America, Kansas,  
Sheridan County

**Canada, Quebec Province, Communaute**

**maritime des Iles-de-la-Madeleine**  
**agglomeration**

United States of America, California,  
Fresno County

United States of America, Virginia, Norfolk County

United States of America,  
Pennsylvania, Delaware County

United States of America, Missouri,  
Stone County

United States of America, Oklahoma, Blaine County

United States of America, Arkansas, Prairie County

United States of America, West Virginia

*United States of America, Arkansas,*  
*Phillips County*

**United States of America, Iowa,**  
**Davis County**

United States of America, Indiana, Whitley County

***Mexico, Nuevo Leon, Monterrey***

United States of America,  
Indiana, Wells County

*Dichaea cachacoensis*

**Beschorneria pubescens**

Polypodium flagelliforme

*Maxillaria encyclioides*

***Indigofera barbata***

Timoron dichotomum

Pleurothallis polylliria

Stegnogramma leptogrammoides

Maesa stenophylla

***Phyllactis mexicana***

*Saussurea katochaetoides*

**Nolletia annetjieae**

**Acinolis elliptica**

Globulostylis rammelooana

Liatris walteri

Elatostema pellionioides

**United States of America,  
Pennsylvania, Pike County**

United States of America, Colorado, Costilla  
County

United States of America, Pennsylvania, Carbon  
County

**United States of America,  
Nebraska, Cass County**

**Panama, Colon**

United States of America, New Mexico, Eddy County

**United States of America,  
Arkansas, Crawford County**

Canada, Quebec Province, La Cote-de-  
Gaspe, MRC (Quebec)

*United States of America, Virginia, James City  
County*

**Cuba, Santiago de Cuba**

**United States of America, Ohio, Portage  
County**

**Canada, Quebec Province, Saguenay**

**United States of America, New York, Onondaga  
County**

***United States of America, Arizona, Gila  
County***

**United States of America, Wisconsin,  
Sawyer County**

**United States of America, Louisiana,  
Vernon County**

Pharbitis speciosa



*Dudleya rusbyi*

*Dioscorea angustiflora*

**Plagiocarpus axillaris**

Swertia baicalensis

Ctenopterella gabonensis

*Eremogone polycnemifolia*

**Trichasma calycinum**

Amblovenatum pseudostenobasis

**Randia tubericollis**

*Dolichos obliquifolius*

**Piper monostachyum**

Cacalia warmingiana

Arctostaphylos cordifolia

Crataegus vailiae

**Aeschynanthus lamponga**

United States of America, California, Yolo  
County

United States of America, Texas, Howard County

United States of America, Tennessee,  
Sevier County

United States of America, Michigan,  
Washtenaw County

United States of America, North  
Dakota

United States of America, California, Ventura  
County

United States of America, Texas, Kerr County

**United States of America, Vermont,  
Washington County**

**United States of America, Virginia,  
Nelson County**

United States of America, Arkansas, Saline  
County

United States of America, Nevada, Lyon County

United States of America, Alaska, Fairbanks  
North Star

United States of America, New York, Ontario County

United States of America, Colorado, Rio Blanco County

*United States of America, Kentucky, Union  
County*

United States of America, Idaho, Fremont County

