

Outline of Korean Endemic Plants and Their Medicinal Plants*

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Endemic plants themselves introduce particular feature of plants in general in a country concerned and also contribute to resource development as well.

Taxonomy is based upon the similarities and dissimilarities between organism.

Historically, taxonomy has been a descriptive science based on the variation and form of morphological characters.

For instance, the features of floral morphology are the most important characters in the classification of flowering plants. These features are easily observed, and they are practical for use in keys and descriptions.

Morphology currently provides most of the characters used in constructing taxonomic systems.

Dr. Nakai announced a list of Korean plants carried in a synoptical sketch of Korean flora. (1952, 3)

Summarizing above the Dr. Nakai concludes that 3176 species, 841 varieties, 174 forma, or 4191 kind of vascular plants which belong to 107 orders, 223 families and 968 genera are indigenous to Korea.

Among them 11 genera, 642 species, 402 varieties, 74 forma, or 1118 kind of plants are endemic in Korea.

Those endemic plants are listed below but now they are drastically reduced in number of

species.

About 408 species of the plants are known to be grown in Korea.

And six genus of endemic genus are distributed in the central, southern and northern area in Korea.

Genus Abeliophyllum

Genus Abeliophyllum was announced as a new genus by Dr. Nakai in 1919 and grows in Chungcheong Bug Do and Bughan mountain area as autogenous one.

Small deciduous shrubs with broad leaves. Flowers are white or whitish purple and their corolla are deeply four-lobed. Two stamens and one pistil are present. Fruits are round fan-shaped. (*A. distichum* Nakai Fig. 1.) The enumerated species of the Genus Abeliophyllum of Korea are as follows: (1) *Abeliophyllum distichum* Nakai (2) for. *lilacinum* Nakai (3) for. *eburneum* Lee (4) for. *viridicalycinum* Lee (5) var. *rotundicarpum* T. Lee

Genus Pentactina

Genus Pentactina was firstly sampled from Mt. Diamond by Dr. Chung and Dr. Nakai in 1917 and it was announced as new genus (Fig. 2)

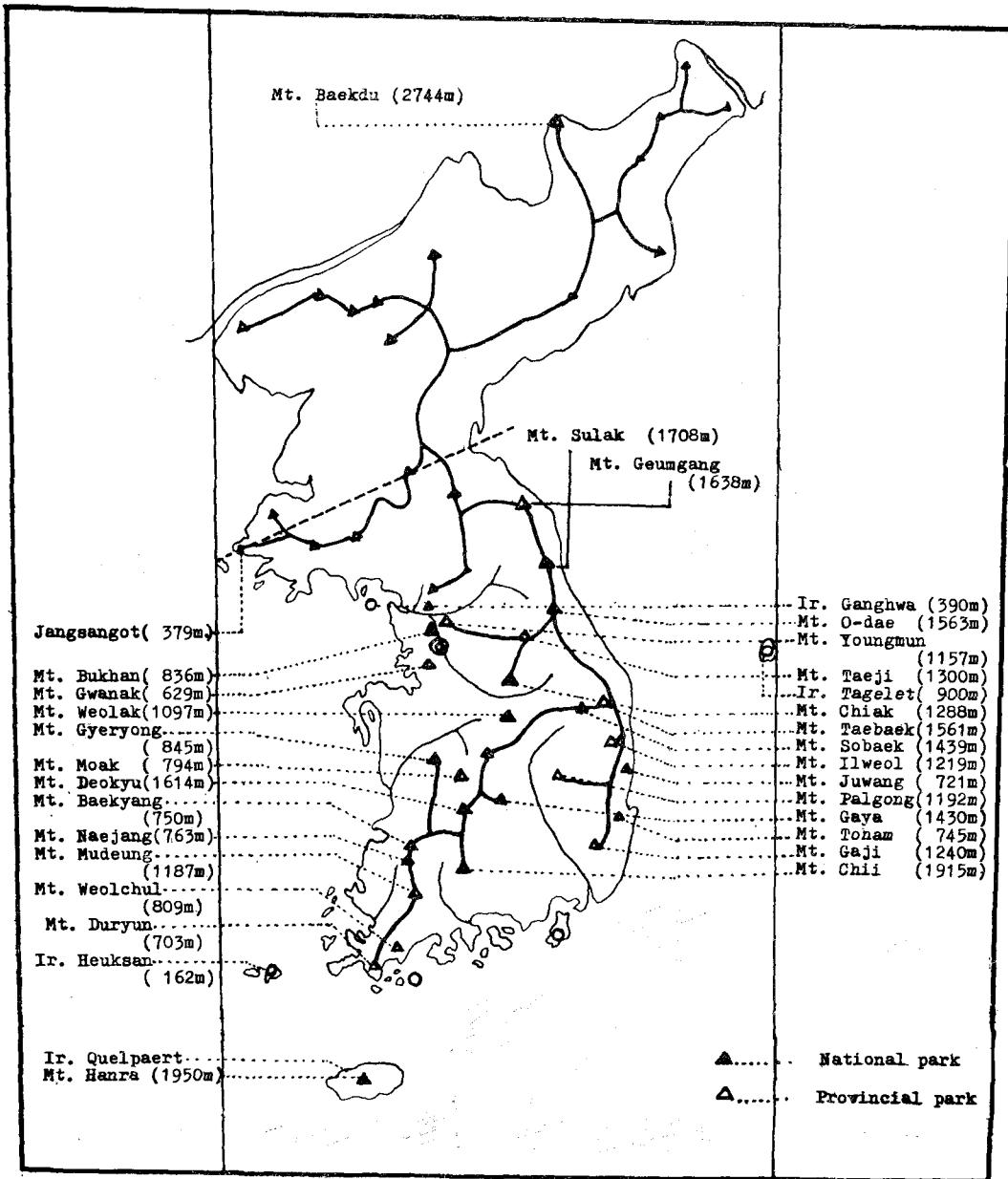
Genus Echinosophora

This includes in Leguminosae category and multiplies by subterranean stem and produces golden-colored flower during month of September.

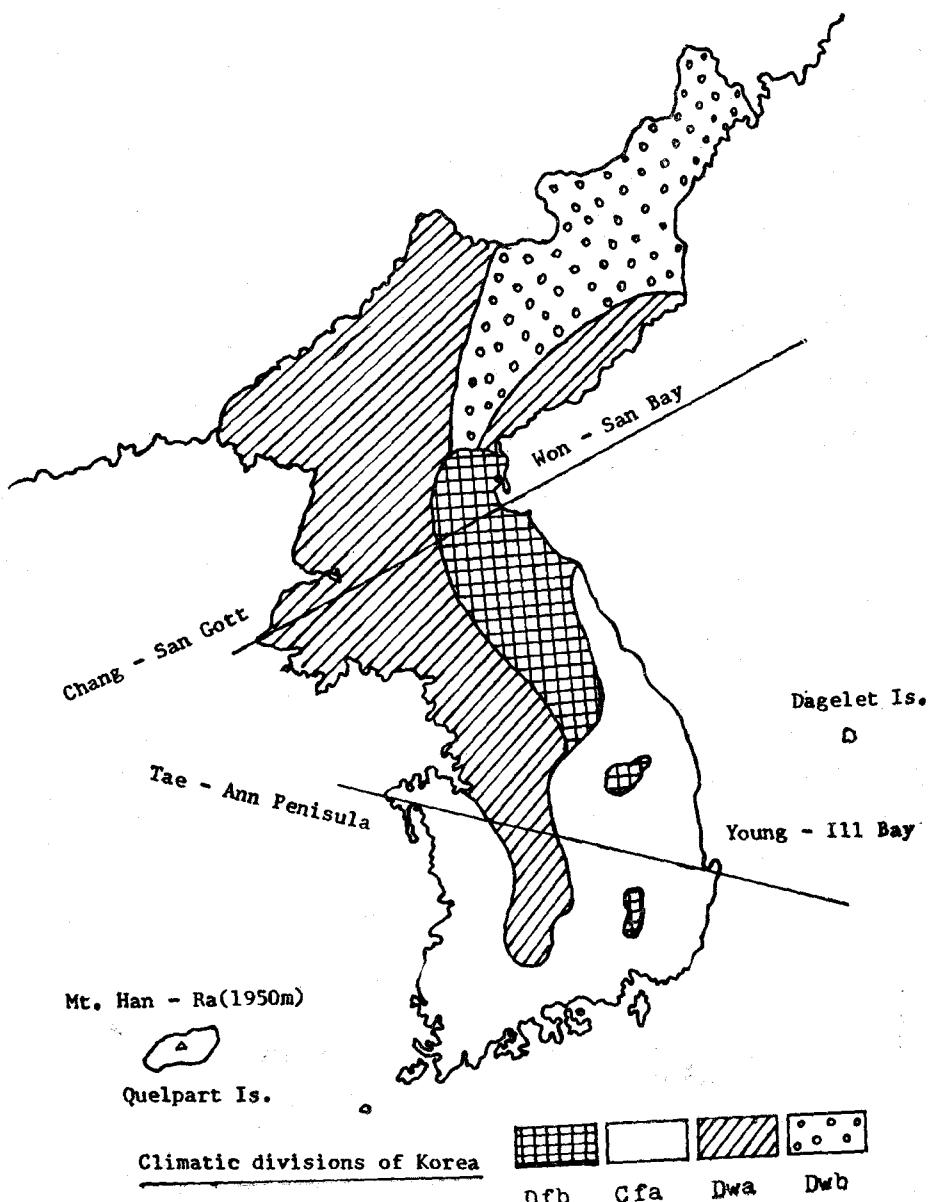
There lives just one of that species in Korea.

Echinosophora koreensis Nakai was deciduous shrubs with small thorns. Leaves are alternate,

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The height of mountains (South Korea)

 $a = > 22^\circ$ $b = < 22^\circ$

Df=Winter feuchtekalte Klima

Cf=Feucht temperierte Klima

Dw=Winter trockenkalte Klima



Fig. 1. *Abeliophyllum distichum*



Fig. 2. *Pentactina rupicola*

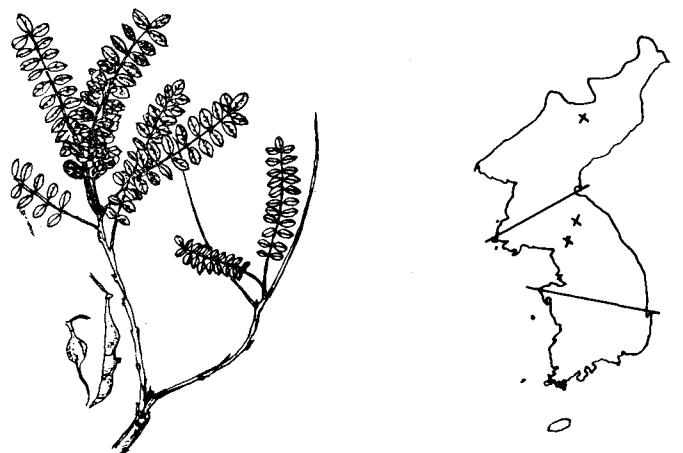


Fig. 3. *Echinosophora koreensis*



Fig. 4. *Megaleranthis saniculifolia*



Fig. 5. *Homopteryx nakaiana*



Fig. 6. *Hanabusaya asiatica*

Fig. 7. *Hanabusaya latisepala*

pinnately compounded and covered with hairs. Flowers are yellow-colored.

The taxon grows at the foothills of mountains from central to the northern part of Korea. (Fig. 3)

Genus *Megaleranthis*

Genus *Megaleranthis* belongs to a family of Ranunculaceae, and it grows in fields of central Korea and southern area. It was firstly discovered by Dr. Ohwi in 1935 in Mt. Chii and it is considered as new genus. (Fig. 4)

Genus *Homopteryx*

This belonging to Umbelliferae was firstly collected from Northern area of Korea in 1931 by Mr. Y. Kisinami.

Genus *Homopteryx* was limited to the North Korean territory. (Fig. 5)

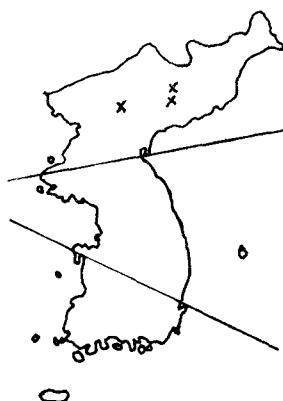
Genus *Hanabusaya*

This as a perennial plant belongs to Campanulaceae.

There are 2 species; *Hanabusaya asiatica* Nakai, *H. latisepala* Nakai (Fig. 6, 7)

This was firstly collected from Mt. Diamond by Mr. T. Uchiyama in 1902 and Mr. Nakai called it *Symphyandra*.

Hanabusaya asiatica was perennial herbs. Leaves are alternate, egg-shaped, with double toothed margins and closely attached to the terminal stem. Flowers are sky blue and bell-



shaped. Stamens are united together. The taxon grows in mountains from central to the northern part of Korea.

Genus *Zanthoxylum*

In 1935, Prof. Chung, Tae Hyun included "Wang-Chopi-Namu" in his Book, "Korean Flora."

Zanthoxylum coreanum is a shrub, and its prickles come out opposite to each other, and also, its leaflet is found to be large one.

Pericarp has usually been used for Paralysis, antirheumatics, diaphoretics, or as antidote for fish, crab poisoning, stuff nose, headache, insecticide, etc., as folk therapy.

In addition, its leaf has a good fragrance, and pericarp is reddish, reaching its full growth in September. This pericarp grows naturally in Mt. Hanra, Cheju-do, Korea.

Pericarp of this Plant has been used for medicinal purposes, and its seed has been used for producing oil, and also, its leaf for food (Fig. 8).

Genus *Coreanomecon* (=Hylomecon)

Chromosome Number of *Coreanomecon hylome-*



Fig. 8. *Zanthoxylum coreanum*

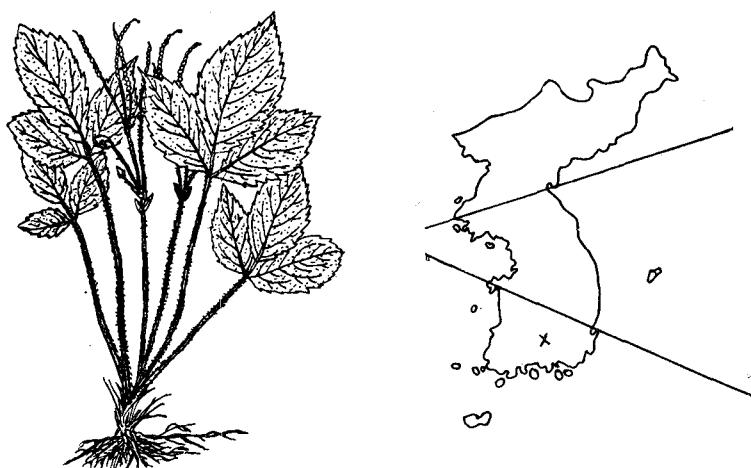


Fig. 9. *Coreanomecon hypomeconoides*

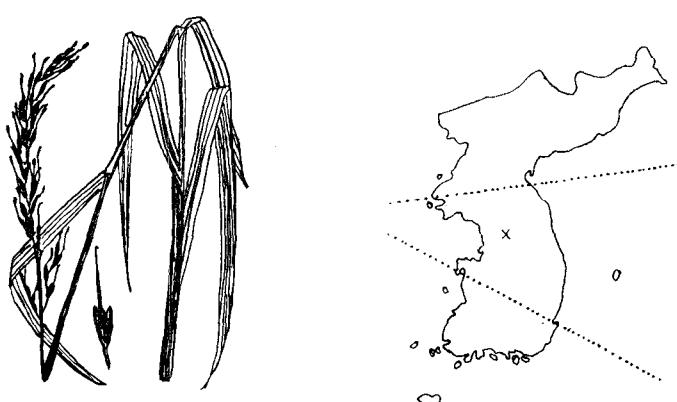


Fig. 10. *Stipa coreana*

conoides Nakai now being distributed in Mt. Jiri located in the Southern District of Korea is found to be "2n=12."

Subterranean root is found to be short, and its flower comes out around in June or July, and its peduncle is longer than petiole. However, *Coreanomecon hylomeconoides* Nakai is without leaves, and length of pedicel is irregular. This plant is found to be "poisonous." (Fig. 9)

Genus *Stipa*

Stipa coreana Honda grows naturally in Kwangneung, Kyonggi-do, and Mt. Kyeryong, Chungchongnam-do, Korea.

This plant is a perennial, with height of 50~100 cm, and size of glume is found to be similar, with 9 veins. Its flower comes out in September, which is panicular cyme.

The width of leaf of *Stipa coreana* var. *japonica* Lee is founp to be 10mm, and its glume is with 7 veins. This plant grow in Mt. Hanra, Cheju-do, Korea. (Fig. 10)

※ Indigenous medicinal plants among the endemic plants are as follows:

Gramineae

- 1) *Sasa coreana* Nakai
- 2) *S. quelpaertensis* Nakai

Araceae

- 3) *Arisaema convolutum* Nakai

Liliaceae

- 4) *Polygonatum lasianthum* var. *coreanum* Nakai

- 5) *P. robustum* Nakai

Aristolochiaceae

- 6) *Asarum maculatum* Nakai

Polygonaceae

- 7) *Rheum coreanum* Nakai

Ranunculaceae

- 8) *Aconitum chiisanense* Nakai

- 9) *Thalictrum coreanum* Leveille

Berberidaceae

- 10) *Berberis amurensis* var. *quelpaertensis* Nakai

- 11) *B. koreana* Palibin

Cruciferae

- 12) *Wasabia koreana* Nakai

Rosaceae

- 13) *Prunus ishidoyana* Nakai

- 14) *Rubus takesimensis* Nakai

Leguminosae

- 15) *Caragana koreana* Nakai

- 16) *Gleditsia japonica* var. *koraiensis* Nakai

Rutaceae

- 17) *Phellodendron insulare* Nakai, Dagelet Island (200~900M)

- 18) *P. molle* Nakai, North to Kangwon

- 19) *Zanthoxylum coreanum* Nakai, Jeju Island (Fig. 8)

Violaceae

- 20) *Viola diamantica* Nakai, Mt. Deokyu, Mt. O-dae, Mt. Sulak

Araliaceae

- 21) *Acanthopanax chiisanensis* Nakai

- 22) *A. koreanum* Nakai

- 23) *A. seoulense* Nakai—?

- 24) *Oplopanax elatum* Nakai

Umbelliferae

- 25) *Angelica decursiva-albiflora* Yook

- 26) *Peucedanum hakuunense* Nakai

Valerianaceae

- 27) *Valeriana officinalis* var. *latifolia* Miquel

Compositae

- 28) *Artemisia japonica* var. *angustissima* (Nakai) Kitamura

- 29) *A. var. hallaisanensis* Kitamura, Mt. Halla Jeju Island

- 30) *Taraxacum hallaisanense* Nakai, Jeju Island

※ Exclusive list of Korean endemic plants includes the following:

ANGIOSPERMAE

Dicotyledoneae

Chloranthaceae

- Chloranthus japonicus* var. *koreanus* (Nakai)
T. Lee
- Salicaceae
Salix bicarpa Nakai
S. blinii Leveille
S. dependens Nakai
S. hallaisanensis Leveille
S. hultenii Floderus
S. hultenii var. *elongata* Nakai
S. ishidoiana Nakai
S. kangensis Nakai
S. metaformosa Nakai
S. orthostemma Nakai
S. sericeo-cinera Nakai
- Betulaceae
Alnus vermicularis Nakai
Betula cyclophylla Nakai
B. ermani var. *saitoana* Hatusima
B. fuscenensis Nakai
B. microphylla var. *coreana* Nakai
B. paishanensis Nakai
Carpinus coreana Nakai
C. coreana var. *major* Nakai
C. coreana var. *multiflora* Nakai
C. tschonoskii var. *exmia* Hatusima
- Ulmaceae
Celtis choseniana Nakai
C. eulis Nakai
Ulmus macrocarpa var. *macrophylla*
- Urticaceae
Boehmeria hirtella Satake
B. nakaiana Satake
B. quelpaertensis Satake
B. taquetii Nakai, *pilea oligantha* Nakai
P. tequetii Nakai
- Aristolochiaceae
Asarum maculatum Nakai
- Polygonaceae
Aconogenum mollifolium Hara
Bistorta globispica Nakai
Rheum coreanum Nakai
- Phytolaccaceae
- Phytolacca insularis* Nakai
Caryophyllaceae
Cerastium furcatum var. *koreanum* Ohwi
Dianthus morii Nakai
Melandrium seoulense Nakai
M. seoulense var. *ramosum* Nakai
Minuartia imbricata var. *koreana* Nakai
Pseudostellaria coreana (Nakai) Ohwi
P. okamotoi Ohwi
Silene fasciculata Nakai
S. jenisseensis Willd
- Nymphaeaceae
Nymphaea minima Nakai
- Ranunculaceae
Aconitum austro-koraiense Koidzumi
A. chiisanense Nakai
A. neotortuosum Nakai
A. pteropus Nakai
Anemone koraiensis Nakai
Clematis chiisanensis Nakai
C. nobilis Nakai
C. subtriternata Nakai
C. subtribernata var. *tenuifolia* Nakai
C. trichotoma Nakai
Hepatica insularis Nakai
H. maxima Nakai
Pulsatilla nivalis Nakai
Thalictrum coreanum Leveille
T. osmorrhizoides Nakai
T. punctatum Leveille
T. raphanorhizon Nakai
T. rochebrunianum var. *grandisepalum* Nakai
T. spirostignum Nakai
- Berberidaceae
Berberis amurensis var. *quelpaertensis* Nakai
B. koreana Palibin
- Papaveraceae
Hylomecon hylomeconoides T. Lee
Papaver coreanum Nakai
- Fumariaceae
Corydalis chosenenensis Ohwi ex Nakai
C. filistipes Nakai

- Cruciferae
- Arabis columnalis* Nakai
 - A. ligulifolia* Nakai
 - A. serrata* var. *hallaisanensis* (Nakai) Ohwi
 - A. tekesimana* Nakai
 - Cardamine amaraeformis* Nakai
 - C. koreana* Nakai
 - C. leucantha* var. *toensis* T. Lee
 - C. millsiana* Nakai
 - Wasabia koreana* Nakai
- Crassulaceae
- Orostachys filifer* Nakai
 - O. saxatilis* Nakai
 - Rhodiola angusta* Nakai
 - R. ramosa* Nakai
 - Sedum viridescens* Nakai
 - S. zokuriense* Nakai
- Saxifragaceae
- Aceriphyllum acanthifolium* (Nakai) T. Lee
 - Astilbe divaricata* Nakai
 - Chrysosplenium barbatum* Nakai
 - C. flavidorum* Ohwi
 - C. hallaisanense* Nakai
 - Deutzia coeana* Leveille
 - D. coreana* var. *tozawae* Hatus
 - D. coreana* var. *triradiate* Hatus
 - D. paniculata* Nakai
 - Kirengeshoma koreana* Nakai
 - Saxifraga furumii* Nakai
 - S. oblongifolia* Nakai
 - S. octopetala* Nakai
- Hamamelidaceae
- Corylopsis coreana* Uyeki
 - C. coreana* var. *pubescens* Nakai
- Rosaceae
- Aruncus sethusifolius* Nakai
 - Crataegus komarovii* Sargent
 - Filipendula formosa* Nakai
 - F. glaberrima* Nakai
 - Pentacting rupicola* Nakai
 - Prunus ishidoyana* Nakai
 - P. takesimensis* Nakai
- Pyrus ussuriensis* var. *diamantica* Uyeki
- P. ussuriensis* var. *hakunensis* (Nakai) T.
- P. ussuriensis* var. *macrostipes* (Nakai) T.
- P. ussuriensis* var. *seoluensis* T. Lee
- P. ussuriensis* var. *nankaiensis* T. Lee
- Rosa kokusanensis* Nakai
- R. sileniflora* Nakai
- Rubus longisepalus* Nakai
- R. longisepalus* var. *tozawai* T. Lee
- R. schizostylus* Leveille
- R. takesimensis* Nakai
- Sanguisorba argutidens* Nakai
- Spiraea chartacea* Nakai
- Leguminosae
- Albizzia coreana* Nakai
 - Astragalus adsurgens* var. *alpinus* Nakai
 - A. setsureianus* Nakai
 - Caragana koreana* Nakai
 - Echinosophora koreensis* Nakai
 - Gleditsia japonica* var. *koraiensis* (Nakai)
 - G. japonica* var. *stenocarpa* Nakai
 - Lathyrus nomuranus* Ohwi
 - L. vaniotii* Leveille
 - Lespepeza bicolor* var. *melanantha* T. Lee
 - L. maxim* Mwiczill var. *tricolor* Nakai
 - L. thunbergii* vtr. *intermedia* T. Lee
 - L. thunbergii* var. *intermedia* for. *alba* T. Lee
 - L. thunbergii* var. *intermedia* for. *retusa* (Nakai) T. Lee
 - Maackia fauriei* (Leveille) Takeda
 - Trifolium lupinaster* var. *alpinum* Nakai
 - Vicia angustipinnata* Nakai
 - V. chosenensis* Ohwi ex Nakai
 - V. hirticalycina* Nakai
 - V. unijuga* var. *angustifolic* Nakai
 - V. unijuga* var. *venusta* Nakai
 - V. venosa* var. *cuspidata* Max. Jonnam, Jonbuk Pyongbuk
 - V. venosissima* Nakai. (Taebaek and Sorak)
- Geraniaceae
- Geranium knuthii* Nakai
 - B. koraiense* Nakai

- Rutaceae
Phellodendron insulare Nakai Dagelet Island
 (200-900m)
- P. molle* Nakai North to Kangwon
- Zanthoxylum koreanum* Nakai Jeju Island (Fig.
 8)
- Euphorbiaceae
Euphorbia hakutosanensis Hurusawa
E. octoradiatus Leveille et Vaniot
E. pekinensis var. *fauriei* Leveille
E. pekinensis var. *subulatifolius* (Hurusawa)
 T. Lee
- Buxaceae
Buxus microphylla var. *koreana* Nakai
B. microphylla var. *koreana* for. *elongata* T.
 Lee
- Celastraceae
Euonymus quelpaertensis Nakai
E. trapococcus Nakai
- Aceraceae
Acer okamotoanum Nakai
A. takesimense Nakai
- Rhamnaceae
Rhamnus koraiensis C.K. Schneider
R. koraiensis var. *subglabra* Nakai
R. shozyoensis Nakai
R. taquetii Leveille
- Tiliaceae
Tilia insularis Nakai
T. koreana Nakai
T. megaphylla Nakai
T. megaphylla for. *subintegara* Nakai
T. ovalis Nakai
T. rufa Nakai
T. semicostata Nakai
T. taquetii C.K. Schneider
- Sterculiaceae
Corchoropsis intermedia Nakai
- Violaceae
Viola diamantica Nakai
V. kamibayashii Nakai
V. kapsanensis Nakai
- V. koriensis* Nakai
V. oldhamiana Nakai
V. seoulnessis Nakai
V. takeshimana Nakai
- Thymelaeaceae
Stellera rosea Nakai
- Lythraceae
Rotala koreana Nakai
- Araliaceae
Acanthopanax chiisanensis Nakai
A. koreanum Nakai
A. rufinerve Nakai
A. seoulneese Nakai
Dendropanax morbifera Lev
Oplopanax elatum Nakai
- Umbelliferae
Angelica fallax H. Dn Bossieu
A. jaluana Nakai, Hyesanjin
A. decursiva-albiflora Yook
Buleurum euphorbioides Nakai
B. latissimum Nakai
Dystaenia takesimana (Nakai) Kitagawa
Homopteryx nakaiana Kitagawa
Libanotis coreana (Wolff) Kitagawa
Peucedanum coreanum Nakai
P. hakuunense Nakai
Pimpinella koreana Nakai
- Ericaceae
Rhododendron saisiuense Nakai
Vaccinium koreanum Nakai
- Primulaceae
Androsace cortusaefolia Nakai
Lysimachia coreana Nakai
- Oleaceae
Abeliophyllum distichum Nakai
A. distichum for. *eburneum* T. Lee
A. distichum for. *lilacinum* Nakai
A. distichum for. *virdicalycinum* T. Lee
A. distichum var. *rotundicarpum* T. Lee
Forsythia koreana Nakai
F. nakai(Uyeki) T. Lee
F. saxatillis Nakai

- Ligustrum foliosum* Nakai
L. foliosum for. *ovale* Nakai
Syringa dialtata Nakai
S. velutina var. *venosa* (Nakai) T. Lee
S. velutina var. *venosa* for. *lactea* T. Lee
- Boraginaceae
Bothriospermum imaii Nakai
- Labiatae
Ajuga spectabilis Nakai
Elscholtzia minima Nakai
Laminum taksimense Nakai
Phlomis koraiensis Nakai
Salvia chanroenica Nakai
Scutellara asperiflora Nakai
S. insignis Nakai
Stachys palustris var. *imaii* Nakai
- Solanaceae
Physalis repens Nakai
- Scrophylariaceae
Euphrasia coreana W. Becker
E. coreanalpina Nakai
E. mucronulata Nakai
E. retrotricha Nakai
Paulownia coreana Uyeki
Pedicularis ishidoyana Koidzumi
P. lunaris Nakai
P. nigrescens Nakai
Pseudo-lysimachion kiusianum var. *diamantica* (Nakai) Yamazaki
P. insulare Yamazaki
P. linariifolium var. *villosum* (Nakai) Yamazaki
P. ovatum (Nakai) Yamazaki
P. pyrethrinum (Nakai) Yamazaki
P. rotundum Holub
P. rotundum var. *coreanum* (Nakai) Yamazaki
Scrophularia boreali-koreana Nakai
S. koraiensis Nakai
S. koraiensis var. *velutina* Sakada
S. takesimensis Nakai
- Orobanchaceae
Orobanche filicicola Nakai
- Rubiaceae
Asperula lasiantha Nakai
Galium koreanum Nakai
G. pusillum Nakai
G. remotiflorum Leveille et Vunt
Rubia pubescens Nakai
- Caprifoliaceae
Abelia insulatis Nakai
A. mosanensis T. Chung
A. taihyoni Nakai
Lonicera cerasoides Nakai
L. coreana Nakai
L. insularis Nakai
L. monantha Nakai
L. okamotoana Ohwi
L. subhispida Nakai
Sambucus latipinna Nakai
S. sieboldiana for. *glaberrima* Hara
S. sieboldiana var. *miquelii* for. *velutina* T. Lee
S. sieboldiana var. *pendula* (Nakai) T. Lee
Weigela florida for. *alba* Rehder
W. florida for. *candida* Rehder
W. florida for. *subtricolor* Nakai
W. subsessilis (L.H.) Bailey
W. toensis Nakai
- Valerianaceae
Patrinia saniculaefolia Hemsley
Valeriana officinalis var. *latifolia* Miquel
- Dipsacaceae
Scabiosa mansenensis for. *alpina* Nakai
S. mansenensis for. *pinnata* Nakai
S. mansenesis var. *zuikoensis* T. Lee
- Campanulaceae
Adenophora grandiflora Nakai
A. grandiflora for. *alba* (Nakai) T. Lee
A. koreana Kitamura
A. kayasanesis Kitamura
A. obovata Kitamura ex Nakai
A. pulchra Kitamura ex Nakai
A. taquetii Leveille
Campanula takesimana Nakai
Codonopsis minima Nakai

- Hanabusaya asiatica* Nakai
H. asiatica for. *alba* T. Lee
H. latisepala Nakai
- Compositae
- Achillea sibirica* subsp. *rhodoptarmica* (Nakai)
 Kitamura
Anaphalis sinica subsp. *morii* (Nakai) Kitamura
Artemisia brachyphylla Kitamura
A. japonica var. *angustissinma* (Nakai) Kita-
 mura
A. japonica var. *hallaisanensis* Kitamura
Aster altaicus var. *uchiyamae* (Nakai) Kita-
 mura
A. koraiensis Nakai
Cacalia pseudo-taimingasa Nakai
Chrysanthemum leiophyllum Nakai
C. zawadskii var. *alpinum* Kitamura
Cirsium chanroenicum Nakai
C. rhinoceros Nakai
C. rhinoceros for. *albiflorum* Sakata et Nakai
C. setidens Nakai
Hieracium coreanum Nakai
Leontopodium coreanum Nakai
L. leiolepis Nakai
Ligularia jamesii (Hemsley) Komarov
L. taquetii Nakai
Saussurea alpicola Kitamura
S. calcicola Nakai
S. conandrifolia Nakai
S. diamantiaca Nakai
S. diamantiaca var. *longifolia* Nakai
S. eriophylla Nakai
S. koidzumiana Kitamura
S. myokoensis Kitamura
S. neo-serrata Nakai
S. nomurae Kitamura
S. nutans Nakai
S. polyeppe Nakai
S. pseudo-gracilis Kitamura
S. rectinervis Nakai
S. rorisanensis Nakai
S. saxatilis Komarov
- S. seoulensis* Nakai
S. trinstulata var. *aplina* Nakai
S. triangulata var. *pinnatifida* Kitamura
S. uchiyamana Nakai
S. umbrosa var. *herbicola* Nakai
S. briubonensis Kitamura
S. koreanus Komarov
Serratula coronata var. *insutaris* Kitamura
Taraxacum hallaisanense Nakai
- MONOCOTYLEDONEAE
- Gramineae
- Agropyron yezoense* var. *koryoense* Ohwi
Calamagrostis hymenoglossa Ohwi ex Nakai
C. paishanensis Nakai
C. subacrochaeta Nakai
Poa deschampsioides Ohwi
P. kanboensis Ohwi
P. kumkangsani Ohwi
P. takeshimana Honda
Sasa borealis var. *chiisanensis* T. Lee
S. coreana Nakai
S. quelpaertensis Nakai
- Cyperaceae
- Carex blepharicarpa* var. *insularis* Nakai
C. chosenica Ohwi
C. fusanensis Ohwi
C. glabrescens Ohwi
C. gotoi Ohwi
C. humbertiana Ohwi
C. ligulata var. *austrokoreensis* Ohwi
C. nakasimae Ohwi
C. ochrochlamys Ohwi
C. okamotoi Ohwi
C. phaeothrix Ohwi
C. pseudo-chinensis Leveille et Vnt
C. subumbellata var. *koreana* Ohwi
C. valleculosa Ohwi ex Nakai
Scleria mutoensis Nakai
- Araceae
- Arisaema convolutum* Nakai
A. takesimense Nakai
- Eriocaulaceae

- Eriocaulon sphagnicolum* Ohwi
E. tenuissima Nakai
- Liliaceae
Aletris fauriei Leveille
Asparagus verrucosus Nakai
Hemerocallis hakuunensis Nakai
H. micrantha Nakai
Ophiopogon taquetii Leveille
Polygonatum humillimum Nakai
P. lasianthum var. *coreanum* Nakai
P. quelpaertense Ohwi ex Nakai
P. robustum Nakai
P. stenanthum Nakai
Smilacina bicolor Nakai
Tofieldia fauriei Leveille et Vaniot
T. nuda var. *koreana* Ohwi
Tricyrtis dilatata Nakai
Veratrum bohnhoftii var. *latifolium* Nakai
- Amaryllidaceae
Lycoris koreana Nakai
- Iridaceae
Iris koreana var. *albiflora* T. Lee
- Orchidaceae
Calanthe coreana Nakai
Coeloglossum coreanum Schlechter
Diplolabellum coreanum Maekawa ex Nakai
Liparis koreana Nakai
- GYMNOSPERMAE
- Taxaceae
Taxus caespitosa Nakai
- Pinaceae
Abies koreana Wilson
A. koreana for. *chlorocarpa* T. Lee
A. koreana for. *nigrocarpa* Hatus
A. koreana for. *nubrocarpa* T. Lee
A. nephrolepis for. *chlorocarpa* Wilson
Larix gmelinii var. *principis-ruprechtii* for.
purpurea T. Lee
L. gmelinii var. *principis-ruprechtii* for. *rebes-*
- cens* T. Lee
L. gmelinii var. *principis-ruprechtii* for. *viridis*
T. Lee
- Picea pungsanensis* Uyeki
- Cupressaceae
Juniperus chinensis var. *horizontalis* Nakai ex
Uyeki
J. rigida var. *koreana* T. Lee
J. rigida var. *longicarpa* Uyeki
J. rigida var. *modesta* Nakai
J. rigida var. *pendula* Nakai ex Nakai
J. rigida var. *seoulensis* Nakai
- PTERIDOPHYTA
- Lycopodiaceae
Lycopodium integrifolium Matsuda et Nakai
- Pteridaceae
Adiantum coreanum Tagawa
- Asplidiaceae
Athyrium acutipinnulum Kodama
A. concinnum Nakai
A. excelsium Nakai
A. koryoense Tagawa
A. nakaii Tagawa
A. subimbricatum Nakai
Woodsia pseudo-ilvensis Tagawa
W. saitoana Tagawa
- Aspleniaceae
Asplenium anogrammoides H. Christ
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