

June, 1984

Kor. Jour. Pl. Tax.

Vol. 14, No. 1, 21-32

## Outline of Korean endemic plants and their distribution

**Tchang Bok Lee**

(Kwanak Arboretum, Seoul National University)

The nation-wide campaign of conservation and protection of natural resources has promoted citizen's awakening of the need for the plant conservation as an integral part of their long-term welfare and survival on the earth. It is urgently necessary to recognize our endemic plant taxa including many endangered species before our transaction of nature conservation.

Our plant taxonomists are placed on the position responsible for enlightening the people about all plant species endemic to Korea. Most endemic species which fall under less economic value are not fully known especially on the point of their distribution and habitat best suited. A total of 407 taxa along with their distribution, which belong to 61 families, 172 genera, 353 species, 34 varieties and 20 forms, are presented in order to give a guide for the better protection and conservation.

Among six endemic genera, *Abeliophyllum* and *Megaleranthis* are growing only in the southern part of peninsula, *Homopteryx* and *Pentactina* in the northern, and *Echinosophora* and *Hanabusaya* are distributed in both southern and northern.

*Abeliophyllum* is growing at the foot of Mt. Kunja, Chungbuk province. Its habitat is wet soil covered with rocks and stone piles. It is likely that no competitive vegetation can invade or survive on this type of habitat. The plants with white petals, dark sepals and emarginate-headed samara, and those with pink to ivory white petals, green sepals and round-headed samara have been disclosed so far.

*Echinosophora* grows on the dry sunny site of mountain foot. Its distribution to south limits at the suburbs of Yangku, Kangwon province, and extends up to the northern part of peninsula. It withstands well on the dry site and is hard to survive under the bush or shade.

*Hanabusaya* is distributed from the top of Mt. Taebaek towards the northern part and thrives well at Mts. Odae and Sorak in the southern part. Hot and humid weather of summer seems to cause a poor growth in the central part.

It seems that *Megaleranthis* favors cool and humid weather resulting in the reducing of distribution. This genus tends to be deprived by the destruction of its habitat.

*Pentactina* and *Homopteryx* are limited to the North Korean territory. The taxonomic studies and proper protection on these groups will be expected by plant taxonomists as well as government authorities of both North and South Korea.

Among plant families, Compositae have 46 endemic taxa, the highest number, and then

next, Rosaceae and Leguminosae 23 each. Among genera, *Tilia* has 8 endemic taxa and then next, *Lonicera* and *Pseudolysimachion* 7 each, *Thalictrum* and *Adenophora* 6 each, *Clematis* and *Weigelia* 5 each, *Acanthopanax*, *Forsythia*, *Euphrasia*, *Scrophularia* and *Aconitum* 4 each.

Eleven pteridophytes are endemic to Korea, among which five species are distributed in the northern part of peninsula, another five in the southern, and the rest one species in both. In the gymnosperms, four endemics are limited in the northern, nine in the southern, and two in both.

Among endemic gymnosperms, *Abies koreana* including three forms has broad range of distribution as compared with other endemic taxa. Few individuals of *Taxus caespitosa* are growing in the population of *Pinus pumila* near the summit of Mt. Sorak.

Among the monocots, 53 taxa are considered to be endemic, among which 19 taxa are limited to the northern, 31 to the southern, and 3 in both. Among the endemic dicots, 95 are limited in the northern, 148 in the southern, and 85 in both.

As a whole, 286 out of a total of 407 endemic taxa are growing in the southern and the rest are distributed in the northern.

Although most endemic taxa are growing in the narrow range of specific habitat as in the case of *Abeliophyllum*, localities suited to all the endemic plants cover Quelpart Is. to Mt. Paekdu. These localities in which endemic members are found include Mt. Halla (75 endemic taxa), Mt. Jiri (55), Mt. Paekdu (42), Dagelet Is. (36), Mt. Diamond (34), Mt. Sorak (33), Seoul (22), Mt. Paekyang (16), Kwangnung (16), Mt. Nangnim (16), Mt. Kunja of Koesan (14), Mt. Songni (14), Pujeon plateau (12), Mt. Kwanmo (12), and Mt. Paek-un (12).

It is doubtful whether these numbers of endemic taxa from the above localities still remain at present because these numbers of endemics were recorded by various taxonomists and plant collectors for the last decades. For example, *Forsythia saxatilis* was firstly collected from Mt. Pukhan, Seoul, but is not found at the present. Recently this species was found at the summit of Mt. Kwanak, in the southern suburbs of Seoul, where several plants are survived with *Quercus mongolica*. *Viola seoulensis* and *Saussurea seoulensis* are also disappearing gradually from the Seoul area because of the destruction of their habitats.

Outline of Korean endemic plants was worked out as follows, although it is still far to make the perfect one.

## 1. Pteridophytes 양치식물

### Lycopodiaceae 석송과

*Lycopodium integrifolium* Matsuda et Nakai, Mt. Halla 간다람쥐꼬리

### Pteridaceae 고사리과

*Adiantum coreanum* Tagawa, Habsu (Hambuk) 고려공작고사리

### Aspidiaceae 면아과

*Athyrium acutipinnulum* Kodama, Degelet Isl., Mt. Taebaek, Jecheon 섬고사리

*A. concinnum* Nakai, Kwangnung, Mt. Songni 광능개고사리

*A. excelsius* Nakai, Mt. Jiri, Mt. Baegyang, Yangdok 지리산고사리

*A. koryoense* Tagawa, Kwangnung 그늘개고사리

*A. nakaii* Tagawa, Mt. Diamond (near

**Buddhist Temple Pyohunsa)** 강원고사리  
*A. subimbricatum* Nakai, Juul hot spring  
 (Daedongsugok, Hambuk) 물뺨고사리  
*Woodsia pseudo-ilvensis* Tagawa,  
 Eoryudong (Hambuk) 메가물고사리  
*W. saitoana* Tagawa, Mt. Kwanmo  
 좁쌀가물고사리

#### Aspleniaceae 꼬리고사리과

*Asplenium anogrammoides* H. Christ,  
 Jeju Isl. (Quelpart) 애기좁고사리

## 2. Gymnosperms 나자식물

#### Taxaceae 주목과

*Taxus caespitosa* Nakai, Mt. Sorak  
 설악눈주목

#### Pinaceae 소나무과

*Abies koreana* Wilson, Mt. Jiri, Mt.  
 Halla, Mt. Deogyu 구상나무  
*A. koreana* for. *chlorocarpa* T. Lee, Mt.  
 Halla 푸른구상나무  
*A. koreana* for. *nigrocarpa* Hatus., Mt.  
 Jiri, Mt. Halla 검은구상나무  
*A. koreana* for. *nubrocarpa* T. Lee, Mt.  
 Halla 붉은구상나무  
*A. nephrolepis* for. *chlorocarpa* Wilson,  
 Mt. Diamond (600-1,600m) 청분비나무  
*Larix gmelinii* var. *principis-ruprechtii* for.  
*purpurea* T. Lee, Mt. Odae, Musan  
 자주잎갈나무  
*L. gmelinii* var. *principis-ruprechtii* for.  
*rebescens* T. Lee, Musan, Mt. Pungsan  
 붉은 잎갈나무  
*L. gmelinii* var. *principis-ruprechtii* for.  
*viridis* T. Lee, Mt. Diamond, Juul Hot  
 Spring. 푸른잎갈나무  
*Picea pungsanensis* Uyeki, Mt. Pungsan  
 풍산가문비

#### Cupressaceae 측백나무과

*Juniperus chinensis* var. *horizontalis*  
 Nakai ex Uyeki, Ichon, Andong 딱향나무  
*J. rigida* var. *koreana* T. Lee, Jangsangot,  
 Seongab Isl. 해변노간주  
*J. rigida* var. *longicarpa* Uyeki, Suwon  
 좁노간주  
*J. rigida* var. *modesta* Nakai, Pyonggang

평강노간주  
*J. rigida* var. *pendula* Nakai ex Nakai  
 처진노간주  
*J. rigida* var. *seoulensis* Nakai, Seoul  
 서울노간주

## 3. Monocotyledons 단자엽식물

#### Gramineae 벼과

*Agropyron yezoense* var. *koryoense* Ohwi,  
 Kwangnung 광능개밀  
*Calamagrostis hymenoglossa* Ohwi ex  
 Nakai 얇은새풀  
*C. paishanensis* Nakai, Mt. Baegdu 백산새풀  
*C. subacrochaeta* Nakai, Mt. Nangrim  
 낭림새풀  
*Poa deschampsiioides* Ohwi, Mt. Kwanmo  
 새포아풀  
*P. kanboensis* Ohwi, Mt. Kwanmo  
 관모포아풀  
*P. kumkangsani* Ohwi, Mt. Diamond,  
 Shinpo, Kapsan (Hamnam) 금강포아풀  
*P. takeshimana* Honda, Dagelet Isl. 섬포아풀  
*Sasa borealis* var. *chiisanensis* T. Lee,  
 Mt. Jiri 갯대  
*S. coreana* Nakai, Unmandae,  
 Myongchongun (Hamnam) 신이대  
*S. quelpaertensis* Nakai, Mt. Halla  
 제주조릿대

#### Cyperaceae 사초과

*Carex blephaicarpa* var. *insularis* Nakai,  
 Dagelet Isl. 여우꼬리사초  
*C. chosenica* Ohwi, Daetaeg 대택사초  
*C. fusanensis* Ohwi, Pusan, Masan  
 애기감동사초  
*C. glabrescens* Ohwi, Mt. Jiri, Seoul, Mt.  
 Diamond, Pyongyang, Hamnam,  
 Hambuk 곱슬사초  
*C. gotoi* Ohwi, Hoeryong 회령사초  
*C. humbertiana* Ohwi, Seosura (Hambuk)  
 큰뚝사초  
*C. ligulata* var. *austrokoreensis* Ohwi, Mt.  
 Jiri, Jindo Isl. 갈사초  
*C. nakasimae* Ohwi, Huasan, Suwon  
 화산사초

- C. ochrochlamys* Ohwi, Mt. Kwanmo,  
Mt. Chailbong, Mt. Bussoryong  
애기이삭사초
- C. okamotoi* Ohwi, Mt. Jiri,  
Mt. Joryong 지리대사초
- C. phaeothrix* Ohwi, Mt. Paegmu  
(Hambuk) 조이삭사초
- C. pseudo-chinensis* Leveille et Vnt.,  
Suwon, Seoul, Changwon 햇사초
- C. subumbellata* var. *koreana* Ohwi,  
Mt. Sorryong 설령사초
- C. valliculosa* Ohwi ex Nakai
- Scleria mutoensis* Nakai, Mt. Mudung  
무등풀

**Araceae** 천남성과

- Arisaema convolutum* Nakai, Mt.  
Bughan, Mt. Baekbyok. 북한산천남성
- A. takesimense* Nakai, Dagelet Isl.  
우산천남성

**Eriocaulaceae** 곡정초과

- Eriocaulon sphagnicolum* Ohwi, Jangji  
(Hambuk) 애기곡정초
- E. tenuissima* Nakai, Jangjeon 가는 개수염

**Liliaceae** 백합과

- Alettris fauriei* Leveille, Mt. Jiri, Mt.  
Kaya, Mt. Diamond, Mt. Sorak  
여우꼬리풀
- Asparagus verrucosus* Nakai, Sorai Beach  
사마귀자루
- Hemerocallis hakuunensis* Nakai,  
Mt. Paegun 백운원추리
- H. micrantha* Nakai, Hamyang 함양원추리
- Ophiopogon taquetii* Leveille, Mt. Halla  
긴문재
- Polygonatum humillimum* Nakai,  
Mt. Halla 한라각시동굴레
- P. lasianthum* var. *coreanum* Nakai,  
Wando Isl., Mt. Jiri 죽대
- P. quelpaertense* Ohwi ex Nakai, Mt.  
Halla 제주동굴레
- P. robustum* Nakai, Dagelet Isl. 왕동굴레
- P. stenanthum* Nakai, Collected by Faurie  
in 1906 with no locality described.  
좁은동굴레

- Smilacina bicolor* Nakai, Mt. Jiri,  
Kwangnung, Mt. Nobong, Mt.  
Chailbong 자주솜대
- Tofieldia fauriei* Leveille et Vaniot,  
Mt. Halla. 한라돌창포
- T. nuda* var. *koreana* Ohwi, Wonsan  
원산돌창포
- Tricyrtis dilatata* Nakai, Mt. Baegyang,  
Mt. Halla, Mt. Jiri, Kwangnung,  
Anmin Isl. 삿죽나리
- Veratrum bohnhoffii* var. *latifolium* Nakai,  
Mt. Yisungruong 삼수여로

**Amaryllidaceae** 수선화과

- Lycoris koreana* Nakai, Mt. Baegyang 백양꽃

**Iridaceae** 붓꽃과

- Iris koreana* var. *albiflora* T. Lee,  
Mt. Omi, Mt. Odae, Mt. Palgong,  
Mt. Taebaek, Daegwallyong 노랑무늬붓꽃

**Orchidaceae** 난초과

- Calanthe coreana* Nakai, Mt. Halla 섬새우난
- Coeloglossum coreanum* Schlechter, Mt.  
Jangbaek 포태제비난
- Diplolabellum coreanum* Maekawa ex  
Nakai, Mt. Halla. 두잎감자난
- Liparis koreana* Nakai, From Hyesanjin  
to Samsu. 참나리난초

**4. Dicotyledons** 쌍자엽식물**Chloranthaceae** 홀아비꽃대과

- Chloranthus japonicus* var. *koreanus*  
(Nakai) T. Lee, Keoje Isl. 옥녀꽃대

**Salicaceae** 버드나무과

- Salix bicarpa* Nakai, Mt. Nangrim. 쌍실버들
- S. blinii* Leveille, Mt. Halla, Chungnam,  
Chungbuk, Kyonggi, Gyongnam,  
Gyongbuk, Hwanghae, Hamnam,  
Hambuk, 제주산버들
- S. dependens* Nakai, Chungju. 개수양버들
- S. hallaisanensis* Leveille, Mt. Halla. 떡버들
- S. hulteni* Floderus, Common. 호랑버들
- S. hulteni* var. *elongata* Nakai,  
Minmagdong (Hambuk) 좁호랑버들
- S. ishidoyana* Nakai, Dagelet Isl. 섬버들

- S. kangensis* Nakai, Kangge. Hamnam, Hambuk 강제버들
- S. metaformosa* Nakai, Mt. Baegdu 눈산버들
- S. orthostemma* Nakai, Pyongbuk, Hamnam, Hambuk. 난장이버들
- S. sericeo-cinerea* Nakai, Seollyong 큰산버들

**Betulaceae** 자작나무과

- Alnus vermicularis* Nakai, Seollyong 설령오리나무
- Betula cyclophylla* Nakai, Daetaek, Jangji 민좁자작나무
- B. ermani* var. *saitoana* Hatusima, Mt. Halla, Mt. Jiri 좁고체목
- B. fusenensis* Nakai, Bujon plateau. 부전자작나무
- B. microphylla* var. *coreana* Nakai, Mt. Baegdu 백두산자작나무
- B. paishanensis* Nakai, Hamnam, Hambuk 덩불자작나무

- Carpinus coreana* Nakai, South to Hwanghae 소사나무
- C. coreana* var. *major* Nakai, Ongjin, Baega Isl. 왕소사나무
- C. coreana* var. *multiflora* Nakai, Jeomun Isl., Paega Isl. 섬소사나무
- C. tschonoskii* var. *exmia* Hatusima, Mt. Jiri 왕개서어나무

**Ulmaceae** 느릅나무과

- Celtis choseniana* Nakai, South to Hwanghaedo 검팽나무
- C. eulis* Nakai, Mt. Taegi (Kangwon), Myongchon (Hambuk) 노란팽나무
- Ulmus macrocarpa* var. *macrophylla* (Nakai) T. Lee, Sachang 큰잎느릅나무

**Urticaceae** 썩기풀과

- Boehmeria hirtella* Satake, Mt. Halla 털긴잎모시풀
- B. nakaiana* Satake, Mt. Halla 제주긴잎모시풀
- B. quelpaertensis* Satake, Mt. Halla 제주모시풀
- B. taquetii* Nakai, Mt. Halla 섬거북꼬리
- Pilea oligantha* Nakai, Gangge, Samsu 강제큰물통이
- P. taquetii* Nakai, Mt. Jiri, Mt. Halla 제주큰물통이

**Asistoloachiaceae** 쥐방울덩굴과

- Asarum maculatum* Nakai, Mt. Halla, Wando Isl. 개족도리

**Polygonaceae** 마디풀과

- Aconogonum mollifolium* Hara, Mt. Nangrim, Pujon plateau 얇은개싱아
- Bistorta globispica* Nakai, Mt. Baegdu 동근범꼬리
- Rheum coreanum* Nakai, Mt. Baegdu 장군풀

**Phytolaccaceae** 자리공과

- Phytolacca insularis* Nakai, Degelet Isl. 섬자리공

**Caryophyllaceae** 석죽과

- Cerastium furcatum* var. *koreanum* Ohwi, Bujon plateau, Mt. Unseonryong 북선점나도나물
- Dianthus morii* Nakai, Mt. Baegdu 난장이패랭이꽃
- Melandrium seoulense* Nakai, South to Kangwon 가는장구채
- M. seoulense* var. *ramosum* Nakai, Mt. Ilwol 가지가는장구채
- Minuartia imbricata* var. *koreana* Nakai, Mt. Baegdu 차일봉개미자리
- Pseudostellaria coreana* (Nakai) Ohwi, South to Kyonggi 참개별꽃
- P. okamotoi* Ohwi, Mt. Jiri 지리산개별꽃
- Silene fasciculata* Nakai, Mt. Halla 한라장구채

- S. jensisensis* Willd., North to Mt. Sorak 가는다리장구채

**Nymphaeaceae** 수련과

- Nymphaea minima* Nakai, Jangsangot 애기수련

**Ranunculaceae** 미나리아재비과

- Aconitum austro-koraiense* Koidzumi, Mt. Paegun, Mt. Jiri 미색바꽃
- A. chiisanense* Nakai, Mt. Jiri, Kyonggi, Kangwon, Jangjin 저리바꽃
- A. neotortuosum* Nakai, Kangwon, Hamnam, Hambuk, Bujon plateau 참출바꽃
- A. pteropus* Nakai, Nangog (Kangwon) 날개진범
- Anemone koraiensis* Nakai, Sepo, Kangwon 홀아비바람꽃
- Clematis chiisanensis* Nakai, North to

- Mt. Jiri 누른종덩굴  
**C. nobilis** Nakai, North to Mt. Nangrim,  
 Mt. Baegdu 산종덩굴  
**C. subtribernata** Nakai, Mt. Baegdu  
 함북종덩굴  
**C. subtribernata** var. *tenuifolia* Nakai,  
 Mt. Kwanmo 좁은잎함북종덩굴  
**C. trichotoma** Nakai, North to Chonnam  
 할미밀방  
**Hepatica insularis** Nakai, Mt. Halla,  
 Jindo Keoje Isl., Jeob Isl. (Jindogun)  
 새끼노루귀  
**H. maxima** Nakai, Dagelet Isl. 섬노루귀  
**Pulsatilla nivalis** Nakai, Mt. Baegdu 산할미꽃  
**Thalictrum coreanum** Leveille, North to  
 Mt. Sorak, Mt. Juwang 연잎평의다리  
**T. osmorhizoides** Nakai, Mt. Kwanmo  
 그늘평의다리  
**T. punctatum** Leveille, Mt. Halla,  
 Hongdo Isl., Eochong Isl. 큰잎산평의다리  
**T. raphanorhizon** Nakai, Mt. Halla  
 작은산평의다리  
**T. rochebrunianum** var. *grandisepalum*  
 Nakai, North to Kyonggi 금평의다리  
**T. spirostigmum** Nakai, Kangge,  
 Hwanghe, Mt. Kwanmo 췌평의다리
- Berberidaceae** 매자나무과  
**Berberis amurensis** var. *quelpaertensis*  
 Nakai, Mt. Halla. 섬매발톱나무  
**B. koreana** Palibin, North to Kyonggi  
 매자나무
- Papaveraceae** 양귀비과  
**Hylomecon hylomeconoides** T. Lee,  
 Mt. Jiri 매미꽃  
**Papaver coreanum** Nakai, Mt. Baegdu  
 두메양귀비
- Fumariaceae** 현호색과  
**Corydalis chosenensis** Ohwi ex Nakai,  
  
**C. filistipes** Nakai, Dagelet Isl. 섬현호색
- Cruciferae** 십자화과  
**Arabis columnalis** Nakai, Mt. Jiri 참장대나물  
**A. ligulifolia** Nakai, Juul Hot spring  
 (Hamnam) 주걱장대  
**A. serrata** var. *hallaisanensis* (Nakai)  
 Ohwi, Mt. Halla 섬바위장대
- A. takesimana** Nakai, Dagelet Isl. 섬장대  
**Cardamine amaraeformis** Nakai, North to  
 Mt. Jiri up to Mt. Kwanmo 꽃황새냉이  
**C. koreana** Nakai, Yangdok 참고추냉이  
**C. leucantha** var. *toensis* T. Lee,  
 Chungmu 통영미나리냉이  
**C. millsiana** Nakai, Kangge, Chongjin  
 큰싸리냉이  
**Wasabia koreana** Nakai, Dagelet Isl.  
 고추냉이
- Crassulaceae** 돌나물과  
**Orostachys filifer** Nakai, Mt. Kwanmo  
 애기바위솔  
**O. saxatilis** Nakai, Mt. Kwanmo 모란바위솔  
**Rhodiola angusta** Nakai, Mt. Baegdu  
 좁은잎들꽃  
**R. ramosa** Nakai, North to Mt. Nangrim,  
 Mt. Baegdu 가지들꽃  
**Sedum viridescens** Nakai, Mt. Jiri,  
 Komun Isl. 섬평의비름  
**S. zokuriense** Nakai, Mt. Songni 속리기린초
- Saxifragaceae** 범의귀과  
**Aceriphyllum acanthifolium** (Nakai) T.  
 Lee, Maengsan 돌부채손  
**Astilbe divaricata** Nakai, Mt. Songni  
 진퍼리노루오줌  
**Chrysosplenium barbatum** Nakai, Mt.  
 Baegyang, Kwangnung, Gyongnam  
 흰털팽이눈  
**C. flaviflorum** Ohwi, Mt. Baegdu 누른팽이눈  
**C. hallaisanense** Nakai, Mt. Halla  
 제주팽이눈  
**Deutzia coeana** Leville, South to  
 Hamnam, Hwanghae 매화말밭도리  
**D. coreana** var. *tozawae* Hatus., Koesan,  
 Haenam 해남말밭도리  
**D. coreana** var. *triradiata* Hatus.,  
 Kyongnam, Kyongbuk, Mt. Sorak  
 지리말밭도리  
**D. paniculata** Nakai, Kyongnam,  
 Kyongbug, Chonbuk, Daegu, Mt. Kaji,  
 Wonsan, Hamnam 꼬리말밭도리  
**Kirengeshoma koreana** Nakai, Mt.  
 Baegun 나도승마  
**Saxifraga furumii** Nakai, Mt. Kwanmo  
 범의귀

*S. oblongifolia* Nakai, North to Mt. Jiri.  
Mt. Deogyu 참바위취

*S. octopetala* Nakai, North to Mt.  
Diamond 구실바위취

#### Hamamelidaceae 조록나무과

*Corylopsis coreana* Uyeki Mt. Jiri, Mt.  
Baegun, Mt. Joge 히어리

*C. coreana* var. *pubescens* Nakai, Mt. Jiri  
털히어리

#### Rosaceae 장미과

*Aruncus sethusifolius* Nakai, Mt. Halla  
한라개승마

*Crataegus komarovii* Sargent, North to  
Mt. Sorak 이노리나무

*Filipendula formosa* Nakai, Mt. Jiri  
지리터리풀

*F. glaberrima* Nakai, Mt. Deogyu, Mt.  
Jiri, North to Kyonggi 터리풀

*Pentactina rupicola* Nakai, Kangwon  
금강인가목

*Prunus ishidoyana* Nakai, Hyesanjin  
산이스라지

*P. takesimensis* Nakai, Deglet Isl. 섬벚나무

*Pyrus ussuriensis* var. *diamantica* Uyeki,  
North to Mt. Sorak 금강산돌배나무

*P. ussuriensis* var. *hakunensis* (Nakai) T.  
Lee, Mt. Baegun 백운배나무

*P. ussuriensis* var. *macrostipes* (Nakai) T.  
Lee, Pyongnam 참배나무

*P. ussuriensis* var. *seoluensis* T. Lee,  
Seoul 문배나무

*P. ussuriensis* var. *nankaiensis* T. Lee,  
Namhae 남해배나무

*Rosa kokusanensis* Nakai, Hugsan Isl.,  
Jangsangot 흑산가시

*R. silenidiflora* Nakai, Daichong Isl. 민생열귀

*Rubus longisepalus* Nakai, Yosu,  
Chungmu 백도딸기

*R. longisepalus* var. *tozawai* T. Lee,  
Keomun Isl., Keoje Isl. 거제딸기

*R. schizostylus* Leveille, Mt. Halla  
가시복분자

*R. takesimensis* Nakai, Dagelet Isl.,  
Odong Isl. 섬산딸기

*Sanguisorba argutidens* Nakai, Bujon

plateau, Mt. Baegdu 구름오이풀  
*Spiraea chartacea* Nakai, Hugsan Isl.  
떡조팝나무

#### Leguminosae 콩과

*Albizzia coreana* Nakai, Mt. Yudal,  
Hugsan Isl., Eochong Isl. 왕자귀  
*Astragalus adsurgens* var. *alpinus* Nakai,  
Mt. Halla 한라황기

*A. setsureianus* Nakai, Mt. Solryong,  
Bujon plateau 설령황기

*Caragana koreana* Nakai, North to  
Kangwon 참꽃담초

*Echinosophora koreensis* Nakai, North to  
Yanggu (Kangwon) 개느삼

*Gleditsia japonica* var. *koraiensis* (Nakai)  
Nakai, Common except Hambuk 주엽나무

*G. japonica* var. *stenocarpa* Nakai,  
Sompa (Chonnam) 아자비과줄

*Lathyrus nomuranus* Ohwi, Mt. Banryong  
(Hamnam) 선갯완두

*L. vaniotii* Leveille, Ryosu, North to Mt.  
Diamond 산새콩

*Lespedeza bicolor* var. *melanantha* T.  
Lee, Mt. Jiri, Mt. Sogni 쇠싸리

*L. maximowiczii* var. *tricolor* Nakai,  
Jindo Isl. 삼색싸리

*L. thunbergii* var. *intermedia* T. Lee,  
Common 풀싸리

*L. thunbergii* var. *intermedia* for. *alba* T.  
Lee, Tongchon (Kangwon) 흰풀싸리

*L. thunbergii* var. *intermedia* for. *retusa*  
(Nakai) T. Lee, Mt. Bulam (Seoul)  
Mt. Halla 부채싸리

*Maackia fauriei* (Leveille) Takeda, Mt.  
Halla 솔비나무

*Trifolium lupinaster* var. *alpinum* Nakai,  
Mt. Halla 제주달구지풀

*Vicia angustipinnata* Nakai, Mt.

Baegyang, Mt. Naejang, Namhae (Isl.),  
Hambuk 가는 갈퀴나무

*V. chosonensis* Ohwi ex Nakai 한국나비나무

*V. hirticalycina* Nakai, Mt. Jiri, Wando  
Isl. 나래완두

*V. unijuga* var. *angustifolia* Nakai, South  
to Danyang 긴잎나비나무

- V. unijuga* var. *venusta* Nakai, Mt. Baegun 광양나비나무
- V. venosa* var. *cuspidata* Max., Kwangnung, Chungnam, Chungbuk, Jonnam, Jonbuk, Pyongbuk 광능갈퀴
- V. venosissima* Nakai, North to Mt. Taebaek and Sorak 노랑갈퀴
- Geraniaceae** 쥐손이풀과
- Geranium knuthii* Nakai, Not so rare, not common up to the north 큰새잎쥐손이
- G. koraiense* Nakai, Inchon, Pyongyang 참이질풀
- Euphorbiaceae** 대극과
- Euphorbia hakutosanensis* Hurusawa, Mt. Baegdu 백두산대극
- E. octoradiatus* Leveille et Vaniot, Jeju Isl. 제주대극
- E. pekinensis* var. *fauriei* (Leveille et Vaniot) Hurusawa, Mt. Halla 두메대극
- E. pekinensis* var. *subulatifolius* (Hurusawa) T. Lee, Mokpo 목포대극
- Buxaceae** 회양목과
- Buxus microphylla* var. *koreana* Nakai, Common on calcareous area 회양목
- B. microphylla* var. *koreana* for. *elongata* T. Lee, Mt. Kwanak 긴잎회양목
- Celastraceae** 노박덩굴과
- Euonymus quelpaertensis* Nakai, Jeju Isl., Hambuk 둥근잎참빗살나무
- E. trapococcus* Nakai, South to Hwanghae 버들쇠나무
- Aceraceae** 단풍나무과
- Acer okamotoanum* Nakai, Dagelet Isl. 우산고로쇠
- A. takesimense* Nakai, Dagelet Isl. 섬단풍나무
- Rhamnaceae** 갈매나무과
- Rhamnus koraiensis* C. K. Schneider, Common 털갈매나무
- R. koraiensis* var. *subglabra* Nakai, Hugsan Isl., Wando Isl., Geoge Isl., Mt. Baekbyog, Mt. Sogni, Namhae Isl., Jindo Isl., Chongsan Isl. 민갈매나무
- R. shozyoensis* Nakai, Changseong (Pyongbuk) 연밥갈매나무
- R. taquetii* Leveille, Mt. Halla 줌갈매나무
- Tiliaceae** 피나무과
- Tilia insularis* Nakai, Dagelet Isl. 섬피나무
- T. koreana* Nakai, North to Mt. Diamond 연밥피나무
- T. megaphylla* Nakai, Mt. Sogni, North to Kangwon 염주나무
- T. megaphylla* for. *subintegra* Nakai, Bukchong 둥근잎염주나무
- T. ovalis* Nakai, North to Mt. Diamond 우기피나무
- T. rufa* Nakai, Gyongnam, Gyongbuk, North to Chungbuk 털피나무
- T. semicostata* Nakai, North to Gyongbuk 개염주나무
- T. taquetii* C. K. Schneider, Pyongbuk South to Kangwon 뽕잎피나무
- Sterculiaceae** 벽오동나무과
- Corchoropsis intermedia* Nakai, 청산까치깨
- Violaceae** 제비꽃과
- Viola diamantica* Nakai, North to Mt. Sorak 금강제비꽃
- V. kamibayashii* Nakai, Kwangnung 광능제비꽃
- V. kapsanensis* Nakai, Kapyong, Kapsan, Bukchong 갑산제비꽃
- V. koraiensis* Nakai, Pyongbuk, Hamnam, Hambuk 참졸방제비꽃
- V. oldhamiana* Nakai, Keomun Isl. 옥녀제비꽃
- V. seoulensis* Nakai, Seoul, Suwon 서울제비꽃
- V. takeshimana* Nakai, Dagelet Isl. 섬제비꽃
- Thymeleaceae** 팔꽃나무과
- Stellera rosea* Nakai, Jeju Isl., North to Seohung 피뿌리풀
- Lythraceae** 부처꽃과
- Rotala koreana* Nakai, Mt. Chongryong 새마디꽃
- Araliaceae** 두릅나무과
- Acanthopanax chiisanensis* Nakai, Mt. Jiri, Jonla, Gyongnam, Chungbuk, Kyonggi, Kangwon, Hamnam, Hambuk 지리산오갈피



- A. koreanum* Nakai, Jeju Isl. 섬 오갈피  
*A. rufinerve* Nakai, Gyongbuk, Hwanghae, Pyongbuk 털 오갈피  
*A. seoulense* Nakai, Seoul 서울 오갈피  
*Dendropanax morbifera* Lev., Jeju Isl., Wando Isl., Huga Isl., Eochong Isl., Gyongnam 황칠나무  
*Oplonanax elatum* Nakai, Mt. Jiri, Mt. Diamond, Pyongnam, Pyongbuk, Hamnam, Hambuk 땃두릅나무
- Umbellifera** 산형과  
*Angelica fallex* H. De Boissieu, Mt. Halla  
*A. jaluana* Nakai, Hyesanjin 삼수구깃대  
*Bupleurum euphorbioides* Nakai, North to Mt. Sorak 등대시호  
*B. latissimum* Nakai, Dagelet Isl. 섬시호  
*Dystaenia takeshimana* (Nakai) Kitagawa, Dagelet Isl. 섬바더  
*Homopteryx nakaiana* Kitagawa, Bujon plateau 부전바더  
*Libanotis coreana* (Wolff) Kitagawa, Mt. Halla 털기름나물  
*Peucedanum coreanum* Nakai, Mt. Diamond 두메기름나물  
*P. hakuunense* Nakai, Mt. Baegun 백운기름나물  
*Pimpinella koreana* Nakai, Common 가는참나물
- Ericaceae** 진달래과  
*rhododendron saisiuense* Nakai, Mt. Halla 한라진달래  
*Vaccinium koreanum* Nakai, Common on the edge line of Mountains 산앵도나무
- Primulaceae** 앵초과  
*Androsace cortusaeifolia* Nakai, North to Mt. Sorak 금강봄맞이  
*Lysimachia coreana* Nakai, Kyongbuk, Kyonggi, Kangwon 참좁쌀풀
- Oleaceae** 물푸레나무과  
*Abeliophyllum distichum* Nakai, Mt. Kunja, Koesan-gun, Chungbuk 미선나무  
*A. distichum* for. *eburneum* T. Lee, Mt. Kunja 상아미선  
*A. distichum* for. *lilacinum* Nakai Mt. Kunja 분홍미선나무  
*A. distichum* for. *viridicalycinum* T. Lee, Mt. Kunja. 푸른미선  
*A. distichum* var. *rotundicarpum* T. Lee, Mt. Kunja 둥근미선  
*Forsythia koreana* Nakai, Common in cultivation 개나리  
*F. nakai* (Uyeki) T. Lee, Mt. Jangsu 장수만리화  
*F. saxatillis* Nakai, Mt. Kwanak, Mt. Bughan 산개나리  
*Ligustrum foliosum* Nakai, Dagelet Isl. 섬취뚱나무  
*L. foliosum* for. *ovale* Nakai, Dagelet Isl. 둥근잎섬취뚱나무  
*Syringa dialtata* Nakai, Hwanghae, Pyongnam, Hamnam 수수꽃다리  
*S. velutina* var. *venosa* (Nakai) T. Lee, Dagelet Isl. 섬개회나무  
*S. velutina* var. *venosa* for. *lactea* T. Lee, Dagelet Isl. 흰섬개회나무
- Boraginaceae** 지치과  
*Bothriospermum imaii* Nakai, Pyongnam, Pyongbuk 평양꽃반이
- Labiatae** 꿀풀과  
*Ajuga spectabilis* Nakai, Mt. Baegyang, Kyonggi 자란초  
*Elscholtzia minima* Nakai, Mt. Halla 종향유  
*Lamium taksimense* Nakai, Dagelet Isl. 섬광대수염  
*Phlomis koraiensis* Nakai, Pyongnam, Pyongbuk, Hamnam, Hambuk 산속단  
*Salvia chanroenica* Nakai, Mt. Chongryong, Mt. Bughan, Mt. Sorak 참배암차즈기  
*Scutellaria asperiflora* Nakai, From Samsu to Hyesanjin 다발꿀무꽃  
*S. insignis* Nakai, Kwangnung, Mt. Chongge 광릉꿀무꽃  
*Stachys palustris* var. *imaii* Nakai, Jairyong, Pyongyang, Sunan 우단석잠풀
- Solanaceae** 가지과  
*Physalis repens* Nakai, Jeju Isl. 덩굴파리
- Scrophylariaceae** 현삼과

*Euphrasia coreana* W. Becker, Mt. Halla  
갈끔좁쌀풀

*E. coreanalpina* Nakai, Bujon plateau  
애기좁쌀풀

*E. mucronulata* Nakai, Bujon plateau  
산좁쌀풀

*E. retrotricha* Nakai, North to Bujon  
plateau 털좁쌀풀

*Paulownia coreana* Uyeki, Pyongnam,  
south to Kyonggi 오동

*Pedicularis ishidoyana* Koidzumi, Kaesong  
애기송이풀

*P. lunaris* Nakai, Mt. Kwanmo 칼송이풀

*P. nigrescens* Nakai, Mt. Waegalbong  
(2,200m) 바위송이풀

*Pseudo-lysimachion kiusianum* var.  
*diamantica* (Nakai) Yamazaki, Mt.  
Diamond 봉래꼬리풀

*P. insulare* Yomazaki, Dagelet Isl. 섬꼬리풀

*P. liniarifolium* var. *villosulum* (Nakai)  
Yamazaki Kyongbuk, Kyonggi,  
Pyongbuk, Hamnam, Hambuk 털꼬리풀

*P. ovatum* (Nakai) Yamazaki, Mt. Halla  
넓은산꼬리풀

*P. pyrethrinum* (Nakai) Yamazaki, Taegu  
큰구와꼬리풀

*P. rotundum* Holub, Mt. Halla 둥근산꼬리풀

*P. rotundum* var. *coreanum* (Nakai)  
Yamazaki, Mt. Jiri, Mt. Mudung  
지리산꼬리풀

*Scrophularia boreali-koreana* Nakai,  
Dagelet Isl., Kangwon, Hambuk  
설령개현삼

*S. koraiensis* Nakai, Common 토현삼

*S. koraiensis* var. *velutina* Sakada, Mt.  
Taehong, Mt. Ilwol 일월토현삼

*S. takesimensis* Nakai, Dagelet Isl. 섬현삼

**Orobanchaceae** 열당과

*Orobanche filicicola* Nakai, Mt. Baegyang  
백양더부살이

**Rubiaceae** 꼭두서니과

*Asperula lasiantha* Nakai, Mt. Jiri, Mt.  
Jombong, Seongchon 갈퀴아재비

*Galium koreanum* Nakai, South to  
Chungchong-do 참갈퀴덩굴

*G. pusillum* Nakai, Mt. Halla 애기솔나물

*G. remotiflorum* Leveille et Vnt., Mt.  
Halla 제주네잎갈퀴

*Rubia pubescens* Nakai, Jangsangot  
우산꼭두서니

**Caprifoliaceae** 인동과

*Abelia insulatis* Nakai, Dagelet Isl.  
섬명강나무

*A. mosanensis* T. Chung, Maengsan 명강나무

*A. taihyoni* Nakai, Danyang 출명강나무

*Lonicera cerasoides* Nakai, Mt. Jiri  
지리괴불나무

*L. coreana* Nakai, Mt. Baekyang, Mt.

Keryong, Jonbuk 솟명다래나무

*L. insularis* Nakai, Dagelet Isl. 섬괴불나무

*L. monantha* Nakai, Pyongbuk,  
Hamnam, Hambuk 볼래괴불나무

*L. okamotoana* Ohwi, Mt. Jiri, Mt.  
Diamond, Mt. Jombong 흰등괴불나무

*L. subhispidata* Nakai, Jonnam, Kyonggi,  
Hamnam, Hambuk 털괴불나무

*Sambucus latipinna* Nakai, Keoje Isl.,  
Haenam, Pyongyang, Mt. Baegdu  
넓은잎막총나무

*S. sieboldiana* for. *glaberrima* Hara, Mt.  
Halla 덧나무

*S. sieboldiana* var. *miquelii* for. *velutina*  
T. Lee, North to Mt. Kebang 털지렁쿠나무

*S. sieboldiana* var. *pendula* (Nakai) T.  
Lee, Dagelet Isl. 말오줌나무

*Weigela florida* for. *alba* Rehder, Mt.  
Kwanak, Pyongnam, Hambuk 색병꽃나무

*W. florida* for. *candida* Rehder, Mt.  
Halla, Mt. Kwanak, Hamnam 흰병꽃나무

*W. florida* for. *subtricolor* Nakai, Mt.  
Halla, Pyongbuk, Hamnam 삼색병꽃나무

*W. subsessilis* (L. H.) Bailey, Common  
병꽃나무

*W. toensis* Nakai, Mt. Mireuk 통영병꽃나무

**Valerianaceae** 마타리과

*Patrinia saniculaefolia* Hemsley,  
Kyongnam, Kyonggi, Kangwon,  
Pyongbuk, Hamnam, Hambuk 금마타리

*Valeriana officinalis* var. *latifolia* Miguel,  
Degelet Isl. 넓은잎취오줌풀

**Dipsacaceae 산토끼꽃과**

- Scabiosa mansenensis* for. *alpina* Nakai,  
Mt. Halla, North to Mt. Myohyang  
구름채꽃
- S. mansenensis* for. *pinnata* Nakai, North  
to Mt. Sorak 채꽃
- S. mansenensis* var. *zuikoensis* T. Lee,  
Sohung 민둥채꽃

**Campanulaceae 초롱꽃과**

- Adenophora grandiflora* Nakai, North to  
Mt. Kebang 도라지모시대
- A. grandiflora* for. *alba* (Nakai) T. Lee,  
흰도라지모시대
- A. koreana* Kitamura, Mt. Diamond, Mt.  
Chonbul, Kangge 꽃잔대
- A. kayasanensis* Kitamura, Mt. Kaya  
가야산잔대
- A. obovata* Kitamura ex Nakai 알잔대
- A. pulchra* Kitamura ex Nakai 미대
- A. taquetii* Leveille, Mt. Halla 섬잔대
- Campanula takesimana* Nakai, Dagelet  
Isl. 섬초롱꽃
- Codonopsis minima* Nakai, Mt. Halla  
애기소경불알
- Hanabusaya asiatica* Nakai, North to Mt.  
Sorak 금강초롱꽃
- H. asiatica* for. *alba* T. Lee, Mt.  
Jombong 흰금강초롱꽃
- H. latisejala* Nakai, North to Mt.  
Nangrim 검산초롱꽃

**Compositae 국화과**

- Achillea sibirica* subsp. *rhodoptarmica*  
(Nakai) Kitamura, Kaema plateau,  
Myongchon 붉은톱풀
- Anaphalis sinica* subsp. *morii* (Nakai)  
Kitamura, Mt. Halla 구름떡쑥
- Artemisia brachyphylla* Kitamura, Mt.  
Diamond, Mt. Nangrim, Mt. Baegdu  
비로봉쑥
- A. japonica* var. *angustissima* (Nakai)  
Kitamura, Pusan 실제비쑥
- A. japonica* var. *hallaisanensis* Kitamura,  
Mt. Halla 섬제비쑥
- Aster altaicus* var. *uchiyamae* (Nakai)

- Kitamura, Danyang 단양쪽부쟁이
- A. koraiensis* Nakai, Chungnam, Mt.  
Songni Mt. Keryong, Mt. Baegyang,  
Paju, 벌개미취
- Cacalia pseudo-taimingasa* Nakai, Mt.  
Jiri, Mt. Togyu 어리병풍
- Chrysanthemum leiophyllum* Nakai,  
Sohung 서흥구절초
- C. zawadskii* var. *alpinum* Kitamura, Mt.  
Baegdu 바위구절초
- Cirsium chanroenicum* Nakai, Mt. Jiri,  
Mt. Kaya, Mt. Joryong, Mt. Sorak  
정영영경취
- C. rhinoceros* Nakai, Mt. Halla 바늘영경취
- C. rhinoceros* for. *albiflorum* Sakata et  
Nakai, Mt. Halla 흰바늘영경취
- C. setidens* Nakai, Mt. Bughan, Mt.  
Namsan, Incheon 고려영경취
- Hieracium coreanum* Nakai, Mt. Baegdu,  
Mt. Kwanmo, Mt. Chailbong, Mt.  
Mudubong 절결이풀
- Leontopodium coreanum* Nakai, Mt.  
Sorak, Mt. Daimond 솜다리
- L. leiolepis* Nakai, North to Mt. Sorak  
산솜다리
- Ligularia jamesii* (Hemsley) Komarov, Mt.  
Nangrim, Mt. Baegdu 화살곰취
- L. taquetii* Nakai, Jeju Isl.
- Saussurea alpicola* Kitamura, North to  
Mt. Nangrim
- S. calcicola* Nakai, Mt. Odae, Mt.  
Jombong, Sachang
- S. conandriifolia* Nakai, Pyongbuk, Mt.  
Baegdu 담배취
- S. diamantiaca* Nakai, North to Mt. Odae  
금강분취
- S. diamantiaca* var. *longifolia* Nakai,  
North to Mt. Odae 긴잎금강분취
- S. eriophylla* Nakai, Mt. Diamond 솜분취
- S. koidzumiana* Kitamura, Kyongseong  
경성서덜취
- S. myokoensis* Kitamura, Mt. Myohyang  
묘향분취
- S. neoserrata* Nakai, Pyongbuk, hamnam,  
Hambuk 산골취

- S. nomurae* Kitamura, Mt. Jiri, Habsu 너울취  
*S. nutans* Nakai, Mt. Odae, Mt. Jombong, Mt. Diamond 당분취  
*S. polyepe* Nakai, Hongdo Isl. 홍도서덜취  
*S. pseudo-gracilis* Kitamura, Mt. Kaya, Mt. Diamond 가야산은분취  
*S. rectinervis* Nakai, Mt. Baegseol (Pyongbuk) 백설취  
*S. rorisanensis* Nakai, Mt. Nangrim 털분취  
*S. saxatilis* Komarov, Hamgbuk 비단분취  
*S. seoulensis* Nakai, Seoul 분취  
*S. trinstulata* var. *aplina* Nakai, Mt. Baegdu 줌두메취  
*S. triangulata* var. *pinnatifida* Kitamura, hyesanjin 깃덤불취  
*S. uchiyamana* Nakai, Mt. Diamond 그늘취  
*S. umbrosa* var. *herbicola* Nakai, Bochonbo (Hambuk) 진산취  
*S. birubonensis* Kitamura, Mt. Diamond 비로봉|쑥방망이  
*S. koreanus* Komarov, Chupungryon, Mt. Sorak, Mt. Kwanmo  
*Serratula coronata* var. *insularis* Kitamura, Mt. Halla 산비장이  
*Taraxacum hallaisanense* Nakai, Mt. Halla 줌민들레

### Summary

It was intended to inventory all the endemic plant taxa along with their distribution. The author presented 407 endemic taxa which belong to 61 families, 172 genera, 353 species, 34 varieties and 20 forms including six endemic genera. It was pointed out that important areas to be protected, in which the endemic taxa inhabit, include Mts. Halla, Jiri, Paekdu, Diamond, Sorak, etc. Dagelet Is. is also regarded as an important place where the northern and southern elements are growing together with many endemic taxa.