

Plant Resources of Mt. Gamak

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Abstract - This study was performed to investigate the flora and plant resources of Mt. Gamak (537.8 m) from April to October 2007. The collected vascular plants were composed of all 478 taxa including cultivated species, and classified into 410 species, 3 subspecies, 61 varieties, and 4 forms of 284 genera under 94 families. Six taxa of the Korean endemic plants and 4 taxa of the rare and endangered plants were also distributed in this mount. Resource plants were categorized into edible 222, pasturing 208, medicinal 183, stainable 134, ornamental 96, timber 20, fiber 6 and industrial 4 taxa, respectively. Floristic geography of the investigated area was regarded as the boundary between middle parts in floristic pattern of the Korean Peninsula.

Key words - Flora, Resource plants, Mt. Gamak

Introduction

Mt. Gamak (675 m, Lat. 37°56'17"N, Long. 126°18'19"E) is located at the boundary between Jeokseong-myeon of Paju City, Jeongok-myeon of Yeoncheon-Gun and Nam-Myeon of Yangju-Gun of Gyeonggi Province. For recent five years, the yearly average temperature of this mount area was 11.4°C, 37.9°C as maximum and -26.0°C as minimum, and average of annual precipitation was 1,530 mm (Yangju City, 2007). Till now, floras of mounts neighbouring to Yangju City such as Mt. Aengmu (Kim and Han, 1999a), Mt. Chukryeong (Hong and Park, 1999), Mt. Gamak (Kim and Han, 1999b) and Mt. Soyo (Kim and Han, 1999c) have been investigated by authors, but the flora and resources plants of this mount has not been examined yet.

On the other hand, natural resources have been continuously reduced by urbanization and population increase, and so it is important that research for the protection and conservation of natural resources must be done. To set bounds for useful resources is very difficult, even though plant uses are enormous. Hence, it is imperative to explore plants utilization as a resource.

The purpose of this study was to examine and present the composition of resources vascular plants, and to provide information for conservation and preservation of resource plants

in Mt. Gamak.

Materials and Methods

Korean endemic and rare and endangered plants were respectively marked as * and ** in front of their scientific names. The investigation was conducted in each slope and altitude of the mount. The classification scheme and scientific names were based on Lee (2003) and Korea Plant Name Index(2008). Categories for usable plants, that is, edible, pasturing, medicinal, stainable, ornamental, timber, fiber and industrial plants depended on Chung (1956, 1957), Lee (1980) and Lee (1996). In addition, the endemic plants (Lee, 1984; Paik, 1994; Oh *et al.*, 2005) were also examined. Voucher specimens were deposited at Semyung University and Korea National Arboretum.

Results and Discussion

Composition of vascular plant

Vascular plants were classified into 410 species, 3 subspecies, 61 varieties, and 4 forms of 284 genera under 94 families (Table 1, Appendix), totally 478 taxa. This resulted in 11.4% of total Korean vascular plants, 4,191 taxa of Nakai (1952). The flora of Mt Gamak consists of 9 taxa of pteridophyte, 10 taxa of gymnosperm and 459 taxa of angiosperm (Table 2).

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Table 1. The abridged list of the plants in Mt. Gamak

	Family	Genus	Species	Var.	For.	Subsp.	Total
Pteriophyte	5	8	8	1			9
Gymnosperm	4	7	10				10
Angiosperm							
Monocotyledon	11	54	82	17			99
Dicotyledon	74	215	310	43	4	3	360
Total	94	284	410	61	4	3	478

Table 2. Resource plants in Mt. Gamak

Use	E	P	M	S	O	T	F	U
No. of Taxa	222	208	183	134	96	20	6	38
(%)	45.2	42.7	37.3	27.3	19.6	4.1	1.2	7.7

Note : edible E, pasturing P, medicinal M, stainable S, ornamental O, timber T, fiber F and industrial I, unknown U.

Composition of usable plants

Grouped into their utilities, resource plants were categorized into 222 (45.2%) taxa for edible, 208 (42.7%) taxa for pasturing, 183 taxa (37.3%) for medicinal, 134 taxa (27.3%) for stainable, 96 taxa (19.6%) for ornamental, 20 taxa (4.1%) for timber, 6 taxa (1.2%) for fiber and 4 taxa (1.0%) for industrial plants. But the resources values for 38 taxa (7.7%) have not been known yet.

Floristic geography of Mt. Gamak

Floristic geography of the Korean Peninsula belongs to Sino-Japanese Region of Boreal or Holarctic Kingdom (Good, 1947). Mt. Gamak located at the boundary between middle and southern parts in floristic pattern of the Korean Peninsula (Nakai, 1935). Lim (1987) suggested that this investigated area belongs to temperate middle part in the Korean Peninsula. Plants which grow in southern, middle, and northern parts of the Korean Peninsula, and also in this mount are as follows:

Plants of northern part pattern : 2 taxa of *Acer truncatum*, and *Artemisia lavandulaefolia*.

Plants of middle part pattern : 8 taxa of *Avena fatua* L., *Allium thunbergii*, *Magnolia obovata*, *Liliodendron tulipifera*, *Geum japonicum*, *Prunus serrulata* var. *sontagiae*, *Ostericum grosseserrata*, and *Androsace umbellata*.

Plants of southern part pattern : 4 taxa of *Polygonatum*

lasianthum var. *coreanum*, *Goodyera schlechtendaliana*, *G. macrantha*, and *Pururus sargentii*.

Plants of southern-middle part pattern : 61 taxa of *Dryopteris chinensis*, *Cephalotaxus koreana*, *Juniperus chinensis*, *Bromus remotiflorus*, *Cymbopogon tortilis* var. *goeringii*, *Festuca ovina*, *Oplismenus undulatifolius*, *Spodiopogon cotulifer*, *Trisetum bifidum*, *Sasa borealis*, *Carex kamotoi*, *Arisaema angustatum* var. *peninsulae*, *Tradescantia reflexa*, *Disporum smilacinum*, *Hosta capitata*, *Smilax china*, *Salix glandulosa*, *Platycarya strobilacea*, *Juglans sinensis*, *Carpinus laxiflora*, *Ulmus parvifolia*, *Zelkova serrata*, *Boehmeria spicata*, *Mirabilis jalapa*, *Ranunculus cantoniensis*, *Akebia quinata*, *Brassica campestris* subsp. *napus* *Onippo-oleifera*, *Hydrangea serrata* for. *acuminata*, *Chrysosplenium grayanum*, *Ribes fasciculatum* var. *chinense*, *Chaenomeles lagenaria*, *Kerria japonica*, *Potentilla freyniana*, *Pururus yedoensis*, *P. serrulata* var. *spontanea*, *Albizia julibrissin*, *Ceris chinensis*, *Wistaria floribunda*, *Poncirus triflojata*, *Zanthoxylum piperitum*, *Z. schinifolium*, *Euonymus japonica*, *Acer palmatum*, *Vitis thunbergii* var. *sinuata*, *Viola patrinii*, *Elaeagnus umbellata*, *Lagerstroemia indica*, *Cornus kousa*, *Vaccinium oldhami*, *Diospyros lotus*, *D. kaki*, *Symplocos prunifolia*, *Styrax japonica*, *Fraxinus sieboldiana*, *Callicarpa japonica*, *Clerodendron trichotomum*, *Ajuga decumbens*, *Elsholtzia splendens*, *Scutellaria indica*, *Paederia scandens*, and *Yongia japonica*.

Plants of northern-middle part pattern : 17 taxa of *Osmun-*

Table 3. Korean endemic plants distributed in Mt. Gamak

Number	Scientific name	Korean name
1	<i>Cephalotaxus koreana</i> Nakai	개비자나무
2	<i>Aconitum pseudolaeye</i> var. <i>erectum</i> Nakai	진범
3	<i>Clematis trichotoma</i> Nakai	할미밀망
4	<i>Forsythia koreana</i> Nakai	개나리
5	<i>Weigela subsessilis</i> L. H. Bailey	병꽃나무
6	<i>Carex okamotoi</i> Ohwi	지리대사초

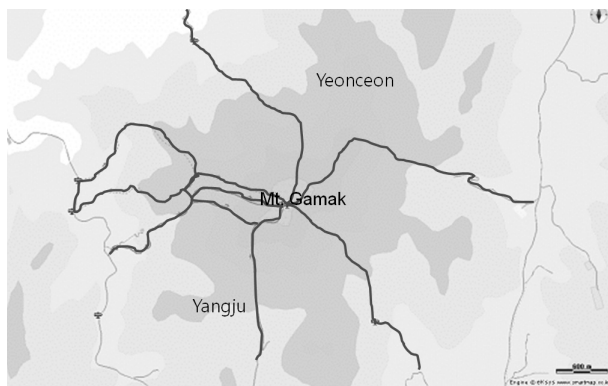


Fig. 1. Flora investigation routes of Yangju. (lines mean investigated route).

dajaponica, *Phragmitescommunis*, *Carex maackii*, *Convolvularia keiskei*, *Alnus hirsuta*, *Alnus hirsuta* for. *glabra* var. *sibirica*, *Betula davurica*, *Quercus serrata*, *Aconitum pusedo-leave* var. *erectum*, *Clematis fusca* var. *violaceae*, *Deutzia coreana*, *Malus baccta*, *Vicia venosa* var. *cuspidata*, *Mosla dianthera*, *Asperula odorata*, *Lonicera harai*, and *Aster pekinensis*.

As a result, flora of this mount consists of 0.5% of Northern part plant, 2% of Middle part plant, 1% of Southern part plant, 15.7% of Southern-middle part plant and 4.8% of Northern-middle part plant. From the viewpoint of plant geography, the vegetation of this mount located at the boundary between middle and southern parts in the Korean Peninsula was coincident with the Korean floristic pattern of Nakai (1935).

Remarkable plants in Mt. Gamak

Korean endemic plants in this mount were 6 taxa of *Cephalotaxus koreana*, *Carex okamotoi*, *Aconitum pusedo-leave* var. *erectum*, *Clematis trichotoma*, *Forsythia koreana*, and *Weigela subsessilis* (Table 3).

Literature Cited

- Chung, T. 1956. Korean Flora II. Shinjisa.
 Chung, T. 1957. Korean Flora I. Shinjisa
 Daejeon City. 2001. The 40th Daejeon Statistical Yearbook, 2001. Daejeon City (in Korean).
 Good, R. 1974. The Geography of the Flowering Plants, 4th ed. Longman.
 Hong, S.P. and K.W. Park. 1999. Flora of Mt. Chukryeong. Ministry of Environment.
 KACN. 1981. Rare and endangered species of animals plants. KACN (in Korean with English abstract).
 Korea Plant Name Index. 2008. Korea Plant Name Index, <http://www.koreaplants.go.kr:9101/>. Korea National Arboretum.
 Kim, C.H. and M.K. Han. 1999a. Flora of Mt. Aengmu. Ministry of Environment.
 Kim, C.H. and M.K. Han. 1999b. Flora of Mt. Gamak. Ministry of Environment.
 Kim, C.H. and M.K. Han. 1999b. Flora of Mt. Soyo. Ministry of Environment.
 Lee, T.B. 1984. Outline of endemic plants and their distribution in Korea. Kor. J. Pl. Tax. 14: 21-32.
 Lee, T.B. 2003. Colored illustrated Flora of Korea. Hyangmoonsa. Seoul (in Korean).
 Lee, Y.N. 1996. Flora of Korea. Kyohak Publishing, Seoul (in Korean).
 Lim, K.B. 1987. The principle of forestry. Hyangmoonsa, Seoul (in Korean).
 Ministry of Environment. 1994. A designated wild animals and plants (in Korean).
 Nakai, T. 1935. Towa-Shokubutsu. 283 pp + 87 pp. Iwanami Shoten, Tokyo.
 Nakai, T. 1952. A synoptical sketch of Korea flora. Bull. Nat. Sci. Mus. Tokyo. 31: 1-152.

Oh, B.U. D.G. Jo, K.S. Kim, C.G. Jang. 2005. Endemic vascular plants in the Korean Peninsula (1st Step Result). Korea National Arboretum.

Paik, W.K. 1994. Substance of the Korean endemic plants and investigation of their distribution. Bull. KACN 13: 5-84 (in Korean with English abstract).

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Appendix. List of resource plants in Mt. Gamak (C, Cultivated; E, edible; P, pasturing; M, medicinal; S, stainable; O, ornamental; T, timber; F, fiber; I, industrial; U, unknown).

1. Southern 2. Middle 3. Northern 4. Isl. Ulreung 5. Isl. Jeju

Scientific and Korean Name	1	2	3	4	5
Phylum Tracheophyta 관속식물문					
Subphylum Sphenopsida 속새아문					
Class Equisetinae 속새강					
Order Equisetales 속새목					
Family Equisetaceae 속새과					
1. <i>Equisetum arvense</i> L. 쇠뜨기(E, P, S)	○	○	○	○	○
Subphylum Pteropsida 양치식물아문					
Class Filicineae 고사리강					
Order Filicales 고사리목					
Family Osmundaceae 고비과					
2. <i>Osmunda japonica</i> Thunb. 고비(M, E)		○	○		○
Family Pteridaceae 고사리과					
3. <i>Pteridium aquilinum</i> var. <i>latiusculum</i> (Desv.) Underw. 고사리(M, E)	○	○	○	○	○
Family Davalliaceae 넉줄고사리과					
4. <i>Davallia mariesii</i> Moore ex Bak. 넉줄고사리(E, M)	○	○	○	○	○
Family Aspidiaceae 면마과					
5. <i>Athyrium yokoscense</i> (Fr. et Sav.) H. Christ 뱀고사리(E)	○	○	○	○	○
6. <i>A. niponicum</i> (Mett.) Hance 개고사리(E)	○	○	○	○	○
7. <i>Dryopteris chinensis</i> (Bak.) Koidz. 가는잎죽제비고사리(U)	○	○		○	○
8. <i>Polystichum tripterum</i> (Kunze) Presl 십자고사리(U)	○	○	○	○	○
9. <i>Woodsia polystichoides</i> Eaton 우드풀(U)	○	○	○		○
Class Gymnospermae 나자식물강					
Subclass Coniferophytae 구과식물아강					
Order Ginkgoales 은행목					
Family Ginkgoaceae 은행과					
10. <i>Ginkgo biloba</i> L. 은행나무(C, M, E, O, T, S)	○	○	○		
Order Coniferales 구과목					
Family Pinacea 소나무과					
11. <i>Abies holophylla</i> Max. 전나무(C, O, T)	○	○	○	○	
12. <i>Pinus densiflora</i> S. et Z. 소나무(M, E, O, T, S)	○	○	○	○	○
13. <i>P. koraiensis</i> S. et Z. 잣나무(C, M, E, O, T)	○	○	○	○	
14. <i>P. rigida</i> Mill. 리기다소나무(C, T)	○	○	○	○	○
15. <i>Picea abies</i> (L.) Karst. 독일가문비(C, O)	○	○	○		○
Family Taxaceae 주목과					
16. * <i>Cephalotaxus koreana</i> Nakai 개비자나무(C, E, O)	○	○			
17. <i>Taxus cuspidata</i> S. et Z. 주목(C, M, E, O, T, S)	○	○	○	○	○
Family Cupressaceae 측백나무과					
18. <i>Juniperus rigida</i> S. et Z. 노간주나무(M, S)	○	○	○	○	○
19. <i>J. chinensis</i> L. 향나무(C, M, O, R)	○	○		○	○
20. <i>Thuja orientalis</i> L. 측백나무(C, M, O)	○	○	○	○	○
Class Angiospermae 피자식물강					

Subclass Dicotyledoneae 쌍자엽식물아강

Order Salicales 버드나무목

Family Salicaceae 버드나무과

- | | | | | | |
|--|---|---|---|---|---|
| 21. <i>Salix gracilistyla</i> Miq. 갯버들(P) | ○ | ○ | ○ | ○ | ○ |
| 22. <i>S. glandulosa</i> Seem. 왕버들(C, O, S) | ○ | ○ | | | |
| 23. <i>Populus euramericana</i> Guinier 이태리포플러(C, T) | ○ | ○ | ○ | | |

Order Juglandales 가래나무목

Family Juglandaceae 가래나무과

- | | | | | | |
|--|---|---|--|--|--|
| 24. <i>Platycarya strobilacea</i> S. et Z. 굴피나무(S) | ○ | ○ | | | |
| 25. <i>Juglans sinensis</i> Dode 호두나무(C, E) | ○ | ○ | | | |

Order Fagales 참나무목

Family Betulaceae 자작나무과

- | | | | | | |
|---|---|---|---|---|-----|
| 26. <i>Alnus hirsuta</i> (Spach) Rupr. 물오리나무(S) | | | ○ | ○ | |
| 27. <i>A. hirsuta</i> for. <i>glabra</i> var. <i>sibirica</i> (Spach) Schneid. 물갸나무(C, S) | | | ○ | ○ | |
| 28. <i>A. japonica</i> (Thunb.) Steud. 오리나무(S) | | | ○ | ○ | |
| 29. <i>Betula davurica</i> Pall. 물박달나무(M, T) | | | ○ | ○ | ○ ○ |
| 30. <i>Carpinus laxiflora</i> Bl. 서어나무(O, S) | ○ | ○ | | | |
| 31. <i>C. cordata</i> Bl. 까치박달(T, P) | ○ | ○ | ○ | ○ | |
| 32. <i>Corylus heterophylla</i> var. <i>thunbergii</i> 개암나무(M, E, P, S) | ○ | ○ | ○ | ○ | ○ |

Family Fagaceae 참나무과

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|---|---|---|---|---|---|
| 33. <i>Castanea crenata</i> S. et Z. 밤나무(C, M, E, T, S) | ○ | ○ | ○ | ○ | ○ |
| 34. <i>Quercus aliena</i> Bl. 갈참나무(E, T, P) | ○ | ○ | ○ | ○ | ○ |
| 35. <i>Q. acutissima</i> Carruth. 상수리나무(M, E, T, S) | ○ | ○ | ○ | ○ | ○ |
| 36. <i>Q. mongolica</i> Fisch. 신갈나무(E, T, P) | ○ | ○ | ○ | ○ | ○ |
| 37. <i>Q. serrata</i> Thunb. 졸참나무(M, E, T, P) | | | ○ | ○ | ○ |
| 38. <i>Q. dentata</i> Thunb. 떡갈나무(M, E, T, S) | ○ | ○ | ○ | ○ | ○ |
| 39. <i>Q. variabilis</i> Bl. 굴참나무(E, R, M, T) | ○ | ○ | ○ | ○ | ○ |

Order Urticales 켄기풀목

Family Ulmaceae 느릅나무과

- | | | | | | |
|---|---|---|---|---|---|
| 40. <i>Celtis sinensis</i> Pers. 팽나무(M, E, P, S) | ○ | ○ | ○ | ○ | ○ |
| 41. <i>Ulmus davidiana</i> Planch. 느릅나무(M, E, T, F) | ○ | ○ | ○ | ○ | ○ |
| 42. <i>U. parvifolia</i> Jacq. 참느릅나무(E, T, S) | ○ | ○ | | | |
| 43. <i>Zelkova serrata</i> Makino 느티나무(C, E, T, S) | ○ | ○ | | ○ | |

Family Moraceae 뽕나무과

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|---|---|---|---|---|---|
| 44. <i>Morus bombycis</i> Koidz. 산뽕나무(M, E, P, S) | ○ | ○ | ○ | ○ | ○ |
| 45. <i>M. alba</i> L. 뽕나무(C, M, E, P, S) | ○ | ○ | ○ | ○ | ○ |

Family Cannabinaceae 삼과

- | | | | | | |
|--|---|---|---|---|---|
| 46. <i>Humulus japonicus</i> S. et Z. 환삼덩굴(M, E, F, S) | ○ | ○ | ○ | ○ | ○ |
|--|---|---|---|---|---|

Family Urticaceae 켄기풀과

- | | | | | | |
|---|---|---|---|---|---|
| 47. <i>Boehmeria spicata</i> Thunb. 쯤깨잎나무(F, S) | ○ | ○ | | ○ | ○ |
| 48. <i>B. tricuspis</i> Makino 거북꼬리(E, F) | ○ | ○ | ○ | ○ | ○ |
| 49. <i>Pilea mongolica</i> Wedd. 모시물통이 | | | | | |

Order Aristolochiales 쥐방울덩굴목

Family Aristolochiaceae 쥐방울덩굴과

- | | | | | | |
|---|---|---|---|--|--|
| 50. <i>Asarum sieboldii</i> Miq. 족도리(M) | ○ | ○ | ○ | | |
|---|---|---|---|--|--|

Order Polygonales 마디풀목

Family Polygonaceae 마디풀과

51. <i>Aconogonon alpinum</i> (All.) Schur	싱아(M, E, P, S)	○	○	○		
52. <i>Persicaria hydropiper</i> (L.) Spach	여귀(M, P)	○	○	○		○
53. <i>P. filiforme</i> Nakai	이삭여귀(S)	○	○	○	○	○
54. <i>P. perfoliata</i> H. Gross	머느리배꼽(E)	○	○	○		
55. <i>P. senticosa</i> H. Gross	머느리밑씻개(E, P)	○	○	○		○
56. <i>P. thunbergii</i> H. Gross	고마리(P)	○	○	○	○	○
57. <i>P. sagittata</i> (L.) H.Gross ex Nakai	미꾸리뉘시(P)	○	○	○	○	○
58. <i>Polygonum aviculare</i> L.	마디풀(M, E, P, S)	○	○	○		
59. <i>Rumex crispus</i> L.	소리쟁이(M, E, P, S)	○	○	○		
60. <i>R. acetosa</i> L.	수영(M, E, P, S)	○	○	○		

Order Centrospermales 중심자목

Family Chenopodiaceae 명아주과

61. <i>Chenopodium album</i> var. <i>centrorubrum</i> Makino	명아주(E, P)	○	○	○		○
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Family Amaranthaceae 비름과

62. <i>Achyranthes japonica</i> (Miq.) Nakai	쇠무릎(M, E, P, S)	○	○	○	○	○
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Family Nyctaginaceae 분꽃과

63. <i>Mirabilis jalapa</i> L.	분꽃(C, O)	○	○			
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Family Phytolaccaceae 자리공과

64. <i>Phytolacca americana</i> L.	미국자리공(S)	○	○	○		
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Family Caryophyllaceae 석죽과

65. <i>Arenaria serpyllifolia</i> L.	벼룩이자리(E)	○	○	○	○	○
66. <i>Cerastium holosteoides</i> var. <i>hallaisanense</i> Mizushima	점나도나물(E)	○	○	○	○	○
67. <i>Dianthus sinensis</i> L.	패랭이꽃(M)	○	○	○	○	○
68. <i>Gypsophila oldhamiana</i> Miq.	대나물(M, E, O)	○	○	○	○	○
69. <i>Lychnis cognata</i> Maxim.	동자꽃(M, E, O)	○	○	○	○	○
70. <i>Melandryum firmum</i> (S. et Z.) Rohrb.	장구채(M, E, P)	○	○	○	○	○
71. <i>Pseudostellaria palibiniana</i> (Takeda) Ohwi	큰개별꽃(E)	○	○	○	○	○
72. <i>P. heterophylla</i> (Miq.) Pax	개별꽃(M, E)	○	○	○		
73. <i>Silene aprica</i> Turcz. ex Fisch. & C.A.Mey	애기장구채(M, E, O)	○	○	○	○	○
74. <i>Stellaria media</i> Villars	별꽃(E)	○	○	○	○	○
75. <i>S. aquatica</i> (L.) Scop.	쇠별꽃(M, E, O)	○	○	○	○	○

Order Ranales 미나리아재비목

Family Ranunculaceae 미나리아재비과

76. <i>*Aconitum pusedo-leave</i> var. <i>erectum</i> Nakai	진범(M)		○	○		○
77. <i>A. ciliare</i> DC.	늦젓가락나물(M)	○	○	○		
78. <i>Cimicifuga heracleifolia</i> Kom.	승마(M)	○	○	○		
79. <i>Clematis apiifolia</i> A.P.DC.	사위질빵(S)	○	○	○	○	○
80. <i>C. fusca</i> var. <i>violaceae</i> Max.	종덩굴(U)		○	○		
81. <i>C. hracleifolia</i> DC.	병조희풀(M)	○	○	○	○	○
82. <i>C. koreana</i> Kom.	세잎종덩굴(U)	○	○	○	○	○
83. <i>C. mandshurica</i> Rupr.	으아리(M)	○	○	○	○	○
84. <i>C. patens</i> Morr. et Decne.	큰꽃으아리(O)	○	○	○	○	○
85. <i>*C. trichotoma</i> Nakai	할미밀망(U)	○	○	○	○	○
86. <i>Hepatica asiatica</i> Nakai	노루귀(O)	○	○	○		○

87. <i>Pulsatilla koreana</i> Nakai 할미꽃(M)	○	○	○	○	○
88. <i>Ranunculus chinensis</i> Bunge 젓가락나물(U)	○	○	○	○	○
89. <i>R. cantoniensis</i> DC. 털개구리미나리(U)	○	○		○	○
90. <i>R. japonicus</i> Thunb. 미나리아재비(M, P, S)	○	○	○	○	○
91. <i>Thalictrum aquilegifolium</i> L. 썩의다리(M, E, P)	○	○	○	○	○
92. <i>T. filamentosum</i> Max. 산썩의다리(M)	○	○	○	○	○
93. <i>T. actaeifolium</i> S. et Z. 은썩의다리(E)	○	○	○	○	○
Family Lardizabalaceae 으름덩굴과					
94. <i>Akebia quinata</i> Decne. 으름(M, P, O, S)	○	○		○	○
Family Menispermaceae 망기과					
95. <i>Cocculus trilobus</i> DC. 땡땡이덩굴(M, E, P)	○	○	○	○	○
96. <i>Menispermum dauricum</i> DC. 새모래덩굴(U)	○	○	○	○	○
Family Magnoliaceae 목련과					
97. <i>Magnolia kobus</i> DC. 목련 (C, O, P)	○	○	○	○	○
98. <i>M. sieboldii</i> K. Koch 함박꽃나무(O, P)	○	○	○	○	○
99. <i>M. obovata</i> Thunb. 일본목련(C, O)		○			
100. <i>Liliodendron tulipifera</i> L. 튜올립나무(C, O, S)		○			
Family Lauraceae 녹나무과					
101. <i>Lindera erythrocarpa</i> Makino 비목나무(O, S)	○	○	○		
102. <i>L. obtusiloba</i> Bl. 생강나무(M, E, O, S)	○	○	○	○	○
103. <i>L. glauca</i> Bl. 감태나무(O)	○	○	○		
Order Papaverales 양귀비목					
Family Papaveraceae 양귀비과					
104. <i>Chelidonium majus</i> var. <i>asiaticum</i> (Hara) Ohwi 애기똥풀(M, S)	○	○	○	○	○
Family Fumariaceae 현호색과					
105. <i>Corydalis incisa</i> (Thunb.) Pers. 자주괴불주머니					
106. <i>Corydalis speciosa</i> Max. 산괴불주머니(S)	○	○	○	○	○
107. <i>C. remota</i> Fisher ex Maxim. 현호색(M)	○	○	○		
Family Cruciferae 십자화과					
108. <i>Arabis glabra</i> (L.) Bernh. 장대나물(E)	○	○	○	○	○
109. <i>Berteroella maximowiczii</i> (Palib.) O.E.Schulz 장대냉이(E)	○	○	○	○	○
110. <i>Brassica campestris</i> subsp. <i>napus</i> var. <i>nippo-oleifera</i> Makino 유채(C, E)	○	○			○
111. <i>Capsella bursa-pastoris</i> (L.) Medicus 냉이(M, E, S)	○	○	○	○	○
112. <i>Cardamine flexuosa</i> var. <i>fallax</i> O. E. Schulz 좁쌀냉이(E)	○	○	○		
113. <i>C. flexuosa</i> With. 황새냉이(E, S)	○	○	○	○	○
114. <i>C. lyrata</i> Bunge 논냉이(E)	○	○	○		
115. <i>C. leucantha</i> O. E. Schulz 미나리냉이(E, S)	○	○	○	○	○
116. <i>Draba nemorosa</i> var. <i>hebecarpa</i> Lindbl. 꽃다지(M, E, S)	○	○	○	○	○
117. <i>Erysimum cheiranthoides</i> L. 썩부지깽이 (E)	○	○	○	○	○
118. <i>Lepidium apetalum</i> Willd. 다닥냉이(M, E)	○	○	○		○
119. <i>Rorippa indica</i> (L.) Hiern 개갓냉이(E)	○	○	○	○	○
120. <i>Rorippa islandica</i> (Oed.) Borb. 속속이풀(E)	○	○	○	○	○
121. <i>Thlaspi arvense</i> L. 말냉이(E)	○	○	○	○	○
Order Rosales 장미목					
Family Crassulaceae 돌나물과					

122. <i>Sedum kamtschaticum</i> Fisch. & Mey. 기린초 (E)	○	○	○	○	○
123. <i>S. polytrichoides</i> Hemsl. 바위채송화 (E)	○	○	○	○	○
Family Saxifragaceae 범의귀과					
124. <i>Astillbe chinensis</i> var. <i>dauidii</i> Fr. 노루오줌(M, P)	○	○	○	○	○
125. <i>Hydrangea serrata</i> for. <i>acuminata</i> (S. et Z.) Wils. 산수국(O, S)	○	○			
126. <i>Philadelphus schrenckii</i> Rupr. 고광나무(O, P, S)	○	○	○	○	○
127. <i>P. tenuifolius</i> Rupr. et Max. 얇은잎고광나무(O)	○	○	○	○	○
128. <i>Chrysosplenium grayanum</i> Max. 꿩이눈(U)	○	○			○
129. <i>Deutzia coreana</i> Lev. 매화말발도리(O)		○	○		
130. <i>D. glabrata</i> Kom. 물참대(O)	○	○	○	○	○
131. <i>Ribes fasciculatum</i> var. <i>chinense</i> Max. 까마귀밥나무(E, O, P)	○	○			
Family Rosaceae 장미과					
132. <i>Agrimonia pilosa</i> Ledeb. 짚신나물(M, E, P, S)	○	○	○	○	○
133. <i>Aruncus dioicus</i> var. <i>kamtschaticus</i> (Maxim.) H.Hara 눈개승마(O, S)	○	○			
134. <i>Chaenomeles lagenaria</i> (Loisel) Koidz. 명자꽃(O, S)	○	○			
135. <i>Crataegus pinnatifida</i> Bunge 산사나무(O, S)	○	○			
136. <i>Duchesnea indica</i> (Andr.) Focke 뱀딸기(O, S)	○	○			
137. <i>Geum japonicum</i> Thunb. 뱀무(M, E, P, S)		○		○	
138. <i>Kerria japonica</i> (L.) DC. 황매화(O)	○	○			
139. <i>Malus baccta</i> Borkh. 야광나무(M, E)		○	○		
140. <i>Potentilla fragarioides</i> var. <i>major</i> Max. 양지꽃(M, E)	○	○	○	○	○
141. <i>P. freyniana</i> Bornm. 세잎양지꽃(E, P)	○	○			○
142. <i>P. dickinsii</i> Fr. et Sav. 돌양지꽃(U)	○	○	○	○	○
143. <i>P. kleiniana</i> Wight et Arnott 가락지나물(E, P)	○	○	○	○	○
144. <i>Prunus sargentii</i> Rehder 산벚나무(O, P, S)	○				○
145. <i>P. serrulata</i> var. <i>spontanea</i> (Max.) Wils. 벚나무(O, E)	○	○			
146. <i>P. yedoensis</i> Matsumura 왕벚나무(C, O)	○	○			
147. <i>P. armeniaca</i> var. <i>ansu</i> Max. 살구(C, M, E, O, S)	○	○	○		
148. <i>P. glandulosa</i> Thunb. 산옥매(M, E, O, S)	○	○	○		
149. <i>P. padus</i> L. 귀룽나무(M, E, O, S)	○	○	○		
150. <i>P. persica</i> (L.) Batsch 복사나무(C, E, P)	○	○	○		
151. <i>P. serrulata</i> var. <i>sontagiae</i> Nakai 꽃벚나무(C, O, E)		○			
152. <i>Rosa multiflora</i> Thunb. 찔레꽃(M, E, P, S)	○	○	○	○	○
153. <i>R. multiflora</i> var. <i>platyphylla</i> Thory 덩굴장미(C, M, E, P, S)	○	○	○	○	○
154. <i>Rubus coreanus</i> Miq. 복분자딸기(M, E)	○	○	○	○	○
155. <i>R. crataegifolius</i> Bunge 산딸기(M, E, P)	○	○	○	○	○
156. <i>R. parvifolius</i> L. 명석딸기(M, E)	○	○	○	○	○
157. <i>R. oldhamii</i> Miq. 출딸기(E)	○	○	○	○	○
158. <i>Sanguisorba officinalis</i> L. 오이풀(M, P)	○	○	○	○	○
159. <i>Sorbaria sorbifolia</i> (L.) A.Br. 쉬땅나무(M, P)	○	○	○	○	○
160. <i>Sorbus alnifolia</i> (S. et Z.) K. Koch. 팔배나무(E, P)	○	○	○	○	○
161. <i>S. commixta</i> Hedlund 마가목(M, P)	○	○	○	○	○
162. <i>Spiraea blumei</i> G. Don 산조팝나무(O)	○	○	○	○	○
163. <i>S. chinensis</i> Maxim. 당조팝나무(C, M, P)	○	○	○	○	○
164. <i>S. prunifolia</i> for. <i>simpliciflora</i> Nakai 조팝나무(M, E, O)	○	○	○	○	○
165. <i>S. salicifolia</i> L. 꼬리조팝나무(M, P)	○	○	○	○	○

166. <i>Stephanandra incisa</i> Zabel 국수나무(S)	○	○	○	○	○
Family Leguminosae 콩과					
167. <i>Albizzia julibrissin</i> Durazz. 자귀나무(C, M, P, O, S)	○	○			○
168. <i>Amorpha fruticosa</i> L. 족제비싸리(P, S)	○	○	○		
169. <i>Amphicarpaea edgeworthii</i> var. <i>trisperma</i> Ohwi 새콩(E, P)	○	○	○	○	○
170. <i>Ceris chinensis</i> Bunge. 박태기나무(C, O, P, S)	○	○			
171. <i>Desmodium oxyphyllum</i> DC. 도둑놈의갈고리(U)	○	○	○	○	○
172. <i>Glycine soja</i> S. et Z. 돌콩(E, P)	○	○	○		○
173. <i>Indigofera kirilowii</i> Maxim. ex Palib. 땅비싸리(O, S)	○	○			
174. <i>I. pseudotinctoria</i> Matsum. 낭아초(E, P)	○	○	○		○
175. <i>Kummerowia striata</i> (Thunb.) Schindl. 매듭풀(P)	○	○	○	○	○
176. <i>Lespedeza</i> × <i>schindleri</i> T.B.Lee 잡싸리(E, P)	○	○	○		○
177. <i>L. bicolor</i> TURCZ. 싸리(O, P)	○	○	○	○	
178. <i>L. cuneata</i> G. Don 비수리(O, P)	○	○	○	○	○
179. <i>L. maximowiczii</i> Schneid. 조록싸리(O, P, S)	○	○	○	○	○
180. <i>L. thunbergii</i> var. <i>intermedia</i> (Nak.) T. Lee 풀싸리(O, P, S)	○	○	○		○
181. <i>Maackia amurensis</i> Rupr. et Max. 다릅나무(T)	○	○	○	○	○
182. <i>Pueraria thunbergiana</i> Benth. 칩(M, E, S, P)	○	○	○	○	○
183. <i>Robinia pusedo-acacia</i> L. 아까시나무(T, E, P)	○	○	○	○	○
184. <i>Sophora flavescens</i> Ait. 고삼(M, S)	○	○	○	○	○
185. <i>Trifolium pratense</i> L. 붉은토끼풀(P)	○	○	○	○	○
186. <i>T. repens</i> L. 토끼풀(P)	○	○	○	○	○
187. <i>Vicia amurensis</i> Oettingen 벌완두(E, P)	○	○	○	○	○
188. <i>V. angustifolia</i> var. <i>segetills</i> (Thuill) K.Koch. 살갈퀴(E, P)	○	○	○		○
189. <i>V. unijuga</i> A. Br. 나비나물(E, P, S)	○	○	○	○	○
190. <i>V. venosa</i> var. <i>cuspidata</i> Max. 광릉갈퀴(P)			○	○	
191. <i>Vigna angularis</i> var. <i>nipponensis</i> (Ohwi) Ohwi & H.Ohashi 새팥(E, P)	○	○	○		○
192. <i>Wistaria floribunda</i> A.P. DC. 등(C, O, P, S)	○	○			
Order Geraniales 쥐손이풀목					
Family Geraniaceae 쥐손이풀과					
193. <i>Geranium nepalense</i> subsp. <i>thunbergii</i> (S. et Z.) Hara 이질풀(M, P)	○	○	○	○	○
194. <i>G. sibiricum</i> L. 쥐손이풀(M, P)	○	○	○	○	○
Family Oxalidaceae 팽이밥과					
195. <i>Oxalis corniculata</i> L. 팽이밥(M, P)	○	○	○	○	○
Family Rutaceae 운향과					
196. <i>Dictamnus dasycarpus</i> Turcz. 백선(M)	○	○	○		
197. **Poncirus triflojata Rafin. 탕자나무(C, M, P)	○	○			
198. <i>Zanthoxylum piperitum</i> A. P. DC. 초피나무(M, E)	○	○		○	○
199. <i>Z. schinifolium</i> S. et Z. 산초나무(E)	○	○			
Family Simaroubaceae 소태나무과					
200. <i>Picrasma quassioides</i> (D. Don) Benn. 소태나무(M, F)	○	○	○	○	○
Family Euphorbiaceae 대극과					
201. <i>Euphorbia sieboldiana</i> Morr. et Decne. 개감수(M, P)	○	○	○		○
202. <i>Securinega suffruticosa</i> Rehder 광대싸리(O)	○	○	○	○	○
203. <i>Euphorbia supina</i> Rafin. 애기땅빈대(U)	○	○	○	○	○
Order Sapindales 무환자나무목					

Family Buxaceae 회양목과					
204.	<i>Buxus microphylla</i> var. <i>koreana</i> Nakai	회양목(C, M, O)	○	○	○
Family Anacardiaceae 옷나무과					
205.	<i>Rhus chinensis</i> Mill.	붉나무(S)	○	○	○ ○ ○
206.	<i>R. trichocarpa</i> Miq.	개옷나무(U)	○	○	○ ○ ○
207.	<i>R. verniciflua</i> Stokes	옷나무(M)	○	○	○
Family Celastraceae 노박덩굴과					
208.	<i>Celastrus orbiculatus</i> Thunb.	노박덩굴(E, O, R, S)	○	○	○ ○ ○ ○ ○
209.	<i>Euonymus alatus</i> (Thunb.) Sieb.	화살나무(M, P, E)	○	○	○ ○ ○ ○ ○
210.	<i>E. japonica</i> Thunb.	사철나무(C, O)	○	○	○ ○ ○ ○ ○
211.	<i>E. sieboldiana</i> Bl.	참빗살나무(M, P)	○	○	○ ○ ○ ○ ○
212.	<i>E. trapococca</i> Nakai	버들회나무(M, P)			○ ○ ○ ○ ○
213.	<i>Tripterygium regelii</i> Sprague et Takeda	미역줄나무(U)	○	○	○ ○ ○ ○ ○
Family Staphyleaceae 고추나무과					
214.	<i>Staphylea bumalda</i> Dc.	고추나무(E, S)	○	○	○ ○ ○ ○ ○
Family Aceraceae 단풍나무과					
215.	<i>Acer ginnala</i> Max.	신나무(P, S)	○	○	○ ○ ○ ○ ○
216.	<i>A. buergerianum</i> Miq.	중국단풍(C, O)	○	○	○ ○ ○ ○ ○
217.	<i>A. mono</i> Max.	고로쇠나무(M, O, P)	○	○	○ ○ ○ ○ ○
218.	<i>A. palmatum</i> Thunb.	단풍나무(C, O, P, S)	○	○	○ ○ ○ ○ ○
219.	<i>A. pseudo-sieboldianum</i> (Paxton) Kom.	당단풍(O)	○	○	○ ○ ○ ○ ○
220.	<i>A. saccharum</i> Marsh.	설탕단풍(C, O)	○	○	○ ○ ○ ○ ○
221.	<i>A. triflorum</i> Kom.	복자기(O)	○	○	○ ○ ○ ○ ○
222.	<i>A. truncatum</i> Bunge	만주고로쇠(O)			○ ○ ○ ○ ○
Family Balaminateae 봉선화과					
223.	<i>Impatiens textori</i> Miq.	물봉선(M, S)	○	○	○ ○ ○ ○ ○
Order Rhamnales 갈매나무목					
Family Vitaceae 포도과					
224.	<i>Ampelopsis brevipedunculata</i> var. <i>heterophylla</i> Hara	개머루(U)	○	○	○ ○ ○ ○ ○
225.	<i>Parthenocissus tricuspidata</i> (S. et Z.) Planch.	담쟁이덩굴(O, P)	○	○	○ ○ ○ ○ ○
226.	<i>Vitis coignetiae</i> Pulliat ex Planch.	머루(O, P)	○	○	○ ○ ○ ○ ○
Order Malvales 아욱목					
Family Tiliaceae 피나무과					
227.	<i>Tilia taquetii</i> C.K.Schneid.	뽕잎피나무(E, M)	○	○	○ ○ ○ ○ ○
Family Malvaceae 아욱과					
228.	<i>Hibiscus syriacus</i> L.	무궁화(C, E, M)	○	○	○ ○ ○ ○ ○
Order Parietales 측막태좌목					
Family Actinidiaceae 다래나무과					
229.	<i>Actinidia arguta</i> Planch.	다래(M, E)	○	○	○ ○ ○ ○ ○
230.	<i>A. kolomikta</i> (Max. et Rupr.)	쥐다래(E)	○	○	○ ○ ○ ○ ○
Family Hypericaceae 물레나물과					
231.	<i>Hypericum ascyron</i> L.	물레나물(E, O)	○	○	○ ○ ○ ○ ○
Family Violaceae 제비꽃과					
232.	<i>Viola acuminata</i> Ledeb.	졸방제비꽃(E)	○	○	○ ○ ○ ○ ○
233.	<i>V. rossii</i> Hemsl.	고깔제비꽃(M)	○	○	○ ○ ○ ○ ○
234.	<i>V. dissecta</i> var. <i>chaerophylloides</i> (Regel) Makino	남산제비꽃(U)	○	○	○ ○ ○ ○ ○

235. <i>V. mandshurica</i> W. Becker 제비꽃(M, E, P, S)	○	○	○	○	○
236. <i>V. orientalis</i> (Maxim.) W.Becker 노랑제비꽃(M, E, P, S)	○	○	○	○	○
237. <i>V. patrinii</i> DC. 흰제비꽃(U)	○	○		○	
238. <i>V. variegata</i> Fisch. 알록제비꽃(O, E)	○	○	○	○	○
Order Myrtales 도금양목					
Family Elaeagnaceae 보리수나무과					
239. <i>Elaeagnus umbellata</i> Thunb. 보리수나무(E, P, S)	○	○			
Family Lythraceae 부처꽃과					
240. <i>Lagerstroemia indica</i> L. 배롱나무(C, O, S)	○	○			
Family Onagraceae 바늘꽃과					
241. <i>Oenothera odorata</i> Jacq. 달맞이꽃(O, P)	○	○	○	○	○
Family Alangiaceae 박쥐나무과					
242. <i>Alangium platanifolium</i> var. <i>macrophyllum</i> Wanger 박쥐나무(E, P, S)	○	○	○	○	○
Order Umbellales 산형화목					
Family Araliaceae 두릅나무과					
243. <i>Aralia elata</i> (Miq.) Seem. 두릅나무(E, P, S)	○	○	○	○	○
Family Umbelliferae 산형과					
244. <i>Angelica decursiva</i> (Miq.) Fr. et Sav. 바디나물(M, E)	○	○	○		○
245. <i>A. gigas</i> Nakai 참당귀(M, E, S)	○	○	○	○	○
246. <i>Ostericum grosseserrata</i> (Max.) Kitagawa 신감채(P)			○		
247. <i>Peucedanum terebinthaceum</i> Fisch. 기름나물(E)	○	○	○	○	○
248. <i>Pimpinella brachycarpa</i> (Kom.) Nakai 참나물(E, P)	○	○	○		○
249. <i>P. gustavohegiana</i> Koidz. 노루참나물(E, P)	○	○	○		○
Family Cornaceae 층층나무과					
250. <i>Cornus kousa</i> Buerg. 산딸나무(E)	○	○			
251. <i>C. officinalis</i> S. et Z. 산수유(C, M, O)	○	○	○	○	○
252. <i>C. controversa</i> Hemsl. ex Prain 말채나무(M, O)	○	○	○	○	○
Order Ericales 진달래목					
Family Ericaceae 진달래과					
253. <i>Rhododendron indicum</i> (L.) Sweet 영산홍(C, O, E)	○	○	○	○	○
254. <i>Rhododendron mucronulatum</i> Turcz. 진달래(O, E)	○	○	○	○	○
255. <i>R. schlippenbachii</i> Max. 철쭉꽃(O)	○	○	○	○	○
256. <i>R. yedoense</i> var. <i>poukhanense</i> (Lev.) Nakai 산철쭉(O)	○	○	○	○	○
257. <i>Vaccinium oldhami</i> Miq. 정금나무(C, E)	○	○			
Order Primulales앵초목					
Family Primulaceae 앵초과					
258. <i>Lysimachia clethroides</i> Duby 큰까치수영(E, P)	○	○	○		
259. <i>L. barystachys</i> Bunge 까치수영(E)	○	○	○	○	○
260. <i>Androsace umbellata</i> (Lour.) Merr. 봄맞이(U)		○			
Order Ebenales 감나무목					
Family Ebenaceae 감나무과					
261. <i>Diospyros lotus</i> L. 고욤나무(M, E, S)	○	○			○
262. <i>D. kaki</i> Thunb. 감나무(C, M, E)	○	○			
Family Pyrolaceae 노루발과					
263. <i>**Pyrola japonica</i> Klenze 노루발(M)	○	○	○	○	○
Family Symplocaceae 노린재나무과					

264. <i>Symplocos chinensis</i> for. <i>pilosa</i> (Nak.) Ohwi 노린재나무(P)	○	○	○	○	○
265. <i>S. prunifolia</i> S. et Z. 검은재나무(U)	○	○			
Family Styracaceae 때죽나무과					
266. <i>Styrax japonica</i> S. et Z. 때죽나무(O, P, S)	○	○			
267. <i>S. obassia</i> S. et Z. 쪽동백나무(O, P, S)	○	○	○	○	○
Order Gentianales 용담목					
Family Oleaceae 물푸레나무과					
268. * <i>Forsythia koreana</i> Nakai 개나리(C, O, M, S)	○	○	○	○	○
269. <i>Fraxinus rhynchophylla</i> Hance 물푸레나무(S)	○	○	○	○	○
270. <i>F. sieboldiana</i> Bl. 쇠물푸레(M)	○	○			
271. <i>F. mandshurica</i> Rupr. 들메나무(T, P)	○	○	○		
272. <i>Ligustrum obtusifolium</i> S. et Z. 쥐똥나무(M)	○	○	○	○	
Family Gentianaceae 용담과					
273. <i>Gentiana scabra</i> Bunge 용담(O, M, S)	○	○	○	○	○
274. <i>Gentiana squarrosa</i> Ledeb. 구슬봉이(O, M, S)	○	○	○	○	○
Family Asclepiadaceae 박주가리과					
275. <i>Cynanchum ascyrifolium</i> (Franch. & Sav.) Matsum. 민백미꽃(E)	○	○	○	○	○
276. <i>Metaplexis japonica</i> (Thunb.) Makino 박주가리(M)	○	○	○	○	○
Order Tubiflorales 통화식물목					
Family Convolvulaceae 메꽃과					
277. <i>Calystegia sepium</i> var. <i>japonicum</i> (Choisy) Makino 메꽃(O, M, S)	○	○	○	○	○
278. <i>Cuscuta australis</i> R.Br. 실새삼(O, M, S)	○	○	○	○	○
Family Boraginaceae 지치과					
278. <i>Trigonotis icumae</i> (Maxim.) Makino 덩굴꽃마리(O, M, S)	○	○	○	○	○
279. <i>T. peduncularis</i> (Trevir.) Benth. ex Hemsl. 꽃마리(O, M, S)	○	○	○	○	○
Family Verbenaceae 마편초과					
280. <i>Callicarpa japonica</i> Thunb. 작살나무(O)	○	○		○	
281. <i>Clerodendron trichotomum</i> Thunb. 누리장나무(M, E, P)	○	○		○	○
Family Labiatae 꿀풀과					
282. <i>Ajuga decumbens</i> Thunb. 금창초(M)	○	○		○	○
283. <i>A. multiflora</i> Bunge 조개나물(M, S)	○	○	○		
284. <i>Clinopodium chinense</i> var. <i>parviflorum</i> (Kudo) Hara 층층이꽃(E)	○	○	○	○	○
285. <i>Elsholtzia splendens</i> Nakai 꽃향유(M)	○	○			○
286. <i>Isodon inflexus</i> (Thunb.) Kudo 산박하(E)	○	○	○	○	○
287. <i>I. japonicus</i> (Burm.) Hara 방아풀(E)	○	○	○		
288. <i>Lamium album</i> var. <i>barbatum</i> (S. et Z.) Fr. et Sav. 광대수염(E, P)	○	○	○	○	○
289. <i>L. amplexicaule</i> L. 광대나물(E, S)	○	○	○	○	
290. <i>Leonurus sibiricus</i> L. 익모초(M)	○	○	○	○	○
291. <i>Meehania urticifolia</i> (Miq.) Makino 벌깨덩굴(E, P, S)	○	○	○	○	○
292. <i>Mosla dianthera</i> Max. 쥐깨풀(M, E)		○	○		○
293. <i>M. punctulata</i> (Gmel.) Nakai 들깨풀(M, S)	○	○	○		○
294. <i>Phlomis umbrosa</i> Turcz. 속단(M, S)	○	○	○		○
295. <i>Prunella vulgaris</i> var. <i>lilacina</i> Nakai 꿀풀(M, E, S)	○	○	○	○	○
296. <i>Stachys riederi</i> var. <i>japonica</i> Miq. 석잠풀(P, S)	○	○	○		○
297. <i>Scutellaria indica</i> L. 골무꽃(U)	○	○			○

298. <i>S. pekinensis</i> var. <i>transitra</i> Hara 산골무꽃(U)	○	○	○	○	○
Family Solanaceae 가지과					
299. <i>Solanum nigrum</i> L. 까마중(M, E, P, S)	○	○	○	○	○
Family Scrophulariaceae 현삼과					
300. <i>Lindernia micrantha</i> D.Don 논뚝외풀 (M, E, P, S)	○	○	○	○	○
301. <i>Melampyrum roseum</i> Maxim. 꽃머느리밥풀(M, E, P, S)	○	○	○	○	○
302. <i>Paulownia coreana</i> Uyeki 오동나무(M, E, P, S)	○	○	○	○	○
Family Acanthaceae 쥐꼬리망초과					
303. <i>Justicia procumbens</i> L. 쥐꼬리망초(U)	○	○	○		○
Family Phrymaceae 파리풀과					
304. <i>Phryma leptostachya</i> var. <i>asiatica</i> Hara 파리풀(M)	○	○	○	○	○
Order Plantaginales 질경이목					
Family Plantaginaceae 질경이과					
305. <i>Plantago asiatica</i> L. 질경이(M, E, P)	○	○	○	○	○
Order Rubiales 꼭두서니목					
Family Rubiaceae 꼭두서니과					
306. <i>Asperula odorata</i> L. 선갈퀴(U)		○	○	○	
307. <i>Galium trachyspermum</i> A. Gray 네잎갈퀴(U)	○	○	○		○
308. <i>G. spurium</i> L. 갈퀴덩굴(M, E)	○	○	○	○	○
309. <i>G. verum</i> var. <i>asiaticum</i> Nakai 솔나물(P, S)	○	○	○	○	○
310. <i>Paederia scandens</i> (Lour.) Merr. 계요등(M, S)	○	○			○
311. <i>Rubia akane</i> Nakai 꼭두서니(M, P)	○	○	○	○	○
Family Caprifoliaceae 인동과					
312. <i>Lonicera harai</i> Makino 길마자나무(U)		○	○		
313. <i>L. japonica</i> Thunb. 인동(M, P, S)	○	○	○	○	○
314. <i>L. maackii</i> MAX. 괴불나무(E)	○	○	○		
315. <i>Sambucus williamsii</i> var. <i>coreana</i> Nakai 딱총나무(M, E, P, S)	○	○	○	○	
316. <i>S. latipinna</i> Nakai 넓은잎딱총나무(M, E, P, S)	○	○	○	○	
317. <i>Viburnum wrightii</i> Miq. 산가막살나무(O)	○	○	○		
318. <i>V. dilatatum</i> Thunb. 가막살나무(E)	○	○	○		
319. <i>V. opulus</i> var. <i>calvescens</i> (Rehder) Hara 백당나무(M, E, P, S)	○	○	○	○	
320. <i>*Weigela subsessilis</i> L. H. Bailey 병꽃나무(O, P)	○	○	○	○	○
Family Valerianaceae 마타리과					
321. <i>Patrinia scabiosaefolia</i> Fisch. ex Trevir. 마타리(M, E, P, S)	○	○	○	○	
322. <i>P. villosa</i> (Thunb.) Juss. 똑갈(E)	○	○	○	○	○
Order Campanulales 초롱꽃목					
Family Campanulaceae 초롱꽃과					
323. <i>A. remotiflora</i> (Siebold & Zucc.) Miq. 모시대(M)	○	○	○	○	○
324. <i>Asyneuma japonicum</i> (Miq.) Briq. 영아자(M)	○	○	○	○	○
325. <i>Codonopsis lanceolata</i> (S. et Z.) Trautv. 더덕(M, E, P)	○	○	○	○	○
326. <i>Platycodon grandiflorum</i> (Jacq.) A. DC. 도라지(M, E, O)	○	○	○	○	○
Family Compositae 국화과					
327. <i>Ainsliaea acerifolia</i> Sch.-Bip. 단풍취(E)	○	○	○	○	○
328. <i>Ambrosia artemisiifolia</i> L. 돼지풀 (U)	○	○	○	○	○
329. <i>A. trifida</i> L. 단풍잎돼지풀(U)	○	○	○	○	○
330. <i>Artemisia keiskeana</i> Miq. 맑은대쭉(M, E, P)	○	○	○	○	○

331. <i>A. princeps</i> var. <i>orientalis</i> (Pampan.) Hara	썩(E, S)	○	○	○	○	○
332. <i>A. stolonifera</i> (Max.) Kom.	넓은잎외잎썩(E, P)	○	○	○	○	○
333. <i>A. capillaris</i> Thunb.	사철썩(E, P)	○	○	○	○	○
334. <i>A. feddei</i> H.Lév	뽕썩(E, P)	○	○	○	○	○
335. <i>A. iwayomogi</i> Kitamura	더위지기(M, P)	○	○	○	○	○
336. <i>A. japonica</i> var. <i>angustissima</i> (Nakai) Kitam.	실제비썩(E, P)	○	○	○	○	○
337. <i>A. lavandulaefolia</i> DC.	참썩(P)				○	
338. <i>A. montana</i> Pampan.	산썩(P)	○	○	○	○	○
339. <i>A. princeps</i> Pampan.	썩(E, M, P)	○	○	○	○	○
340. <i>Aster scaber</i> Thunb.	참취(E, P, S)	○	○	○	○	○
341. <i>A. yomena</i> Makino	썩부쟁이(E)	○	○	○	○	○
342. <i>A. incisus</i> Fisch.	가새썩부쟁이(U)	○	○	○	○	○
343. <i>A. pekinensis</i> (Hance) Chen	가는썩부쟁이(E)		○	○		
344. <i>A. tataricus</i> L.	개미취(M, E, P, S)	○	○	○	○	○
345. <i>Atractylodes ovata</i> (Thunb.) DC.	삼주(M, E, P, S)	○	○	○	○	○
346. <i>Bidens bipinnata</i> L.	도깨비바늘(M, E, P, S)	○	○	○		
347. <i>Calendula arvensis</i> L.	금잔화(C, M, E, P, S)	○	○	○		
348. <i>Carpesium abrotanoides</i> L.	담배풀(M)	○	○	○	○	○
349. <i>Cephalonoplos segetum</i> (Bunge) Kitamura	조뱅이(M, E, P, S)	○	○	○	○	○
350. <i>Chrysanthemum boreale</i> Makino	산국(M, P)	○	○	○	○	○
351. <i>C. zawadskii</i> var. <i>latilobum</i> Kitamura.	구절초(M, P)	○	○	○	○	○
352. <i>Cirsium japonicum</i> var. <i>maackii</i> (Maxim.) Matsum.	영경귀 (M, P)	○	○	○	○	○
353. <i>Conyza canadensis</i> (L.) Cronquist	망초(M, P, E)	○	○	○	○	○
354. <i>Crepidiastrum chelidoniifolium</i> J.H.Pak & Kawano	까치고들빼기 (M, P)	○	○	○	○	○
355. <i>C. denticulatum</i> (Houtt.) J.H.Pak & Kawano	이고들빼기 (M, P)	○	○	○	○	○
356. <i>Eupatorium japonicum</i> Thunb.	등골나물(E, S)	○	○	○	○	○
357. <i>Gnaphalium affine</i> D. Don	떡썩(M, E)	○	○	○		○
358. <i>Hemistepta lyrata</i> Bunge	지칭개(E, P, S)	○	○	○		○
359. <i>Hololeion maximowiczii</i> Kitam.	계목(E, S)	○	○	○	○	○
360. <i>Ixeridium dentatum</i> (Thunb. ex Mori) Tzvelev	썩바귀(E, S)	○	○	○	○	○
361. <i>Ixeris debilis</i> (Thunb.) A.Gray	벌음썩바귀 (E, S)	○	○	○	○	○
362. <i>I. polycephala</i> Cass.	벌썩바귀(E, S)	○	○	○	○	○
363. <i>I. strigosa</i> (H.Lév.)	선썩바귀(E, S)	○	○	○	○	○
364. <i>Kalimeris yomena</i> Kitam.	썩부쟁이(E, S)	○	○	○	○	○
365. <i>Lactuca indica</i> L.	왕고들빼기(E, S)	○	○	○	○	○
366. <i>L. raddeana</i> Maxim.	산썩바귀(E, S)	○	○	○	○	○
367. <i>Leibnitzia anandria</i> (L.) Nakai	숨나물(E)	○	○	○	○	○
368. <i>Petasites japonicus</i> (S. et Z.) Max.	머위(E, M, S)	○	○	○	○	○
369. <i>Senecio integrifolius</i> var. <i>spathulatus</i> (Miq.) Hara	숨방망이(E, M)	○	○	○	○	○
370. <i>Solidago virga-aurea</i> subsp. <i>asiatica</i> Kitam. ex Hara	미역취(E, S)	○	○	○	○	○
371. <i>Syneilesis palmata</i> (Thunb.) Max.	우산나물(E)	○	○	○	○	○
372. <i>Taraxacum coreanum</i> Nakai	흰민들레(E, M)	○	○	○	○	○
373. <i>T. officinale</i> Weber	서양민들레(E, S)	○	○	○	○	○
374. <i>T. platycarpum</i> Dahlst	민들레(E, S)	○	○	○	○	○
375. <i>Youngia denticulata</i> Kitamura	이고들빼기(E)	○	○	○	○	
376. <i>Y. japonica</i> (L.) DC.	뽕리뱅이(E)	○	○		○	○

377. <i>Y. sonchifolia</i> Max. 고들빼기(E)	○	○	○	○	○
Subclass Monocotyledoneae 단자엽식물아강					
Order Graminales 소생식물목					
Family Alismataceae 택사과					
378. <i>Sagittaria aginashi</i> Makino 보풀(U)	○	○	○	○	○
Order Graminales 벼목					
Family Gramineae 벼과					
379. <i>Agropyron ciliare</i> (Trin.) Franch. 속털개밀(P)	○	○	○	○	○
380. <i>Agrostis clavata</i> var. <i>nukabo</i> Ohwi 겨이삭(P)	○	○	○	○	○
381. <i>Agropyron tsukushiense</i> var. <i>transiens</i> (Hack.) Ohwi 개밀(P)	○	○	○	○	○
382. <i>Alopecurus aequalis</i> var. <i>amurensis</i> (Kom.) Ohwi 독새풀	○	○	○	○	○
383. <i>Arthraxon hispidus</i> (Thunb.) Makino 조개풀(P)	○	○	○	○	○
384. <i>Avena fatua</i> L. 메귀리(E, P)		○		○	○
385. <i>Bromus japonicus</i> Thunb. 참새귀리(P)	○	○	○	○	○
386. <i>Bromus remotiflorus</i> (Steud.) Ohwi 꼬리새(P)	○	○			○
387. <i>Calamagrostis arundinacea</i> (L.) Roth 실새풀(P)	○	○	○		○
388. <i>Calamagrostis epigeios</i> (L.) Roth 산조풀					
389. <i>Cymbopogon tortilis</i> var. <i>goeringii</i> (Steud.) Hand.-Mazz. 개솔새(P)	○	○			○
390. <i>Digitaria sanguinalis</i> (L.) Scop. 바랭이(P)	○	○	○	○	
391. <i>Digitaria violascens</i> Link 민바랭이					
392. <i>Echinochloa crus-galli</i> (L.) Beauv. 돌피(E, S)	○	○	○		
393. <i>Eragrostis multicaulis</i> Steud. 비노리(P)	○	○	○	○	○
394. <i>Festuca ovina</i> L. 김의털(P)	○	○			
395. <i>Imperata cylindrica</i> var. <i>koenigii</i> (Retz.) Durand et Schinz 띠(E)	○	○	○	○	○
396. <i>Melica onoei</i> Fr. 쌀새(P)	○	○	○	○	○
397. <i>Miscanthus sinensis</i> var. <i>purpurascense</i> Rend. 억새(P)	○	○	○	○	○
398. <i>Oplismenus undulatifolius</i> (Ard.) Roem. et Schult. 주름조개풀(P)	○	○			
399. <i>Pennisetum alopecuroides</i> (L.) Spreng. 수크령(P)	○	○	○		
400. <i>Phragmites communis</i> Trin. 갈대(M, P)			○	○	○
401. <i>Poa annua</i> L. 새포아풀(P)	○	○			
402. <i>P. hisauchii</i> Honda 구내풀(P)	○	○			
403. <i>P. sphondylodes</i> Trin. 포아풀(P)	○	○	○	○	○
404. <i>Sasa borealis</i> (Hack.) Makino 조릿대(M, E, P)	○	○		○	○
405. <i>Setaria viridis</i> (L.) Beauv. 강아지풀(P)	○	○	○	○	○
406. <i>S. glauca</i> (L.) Beauv. 금강아지풀(P)	○	○	○		○
407. <i>Spodiopogon cotulifer</i> (Thunb.) Hack. 기름새(P)	○	○			○
408. <i>Themeda triandra</i> var. <i>japonica</i> Makino 솔새(P)	○	○			○
409. <i>Trisetum bifidum</i> (Thunb.) Ohwi 잠자리피(P)	○	○	○	○	○
410. <i>Zizania latifolia</i> Turcz. 줄(P)	○	○	○	○	○
411. <i>Zoysia japonica</i> Steud. 잔디(O)	○	○	○	○	○
Family Cyperaceae 사초과					
412. *, ** <i>Carex okamotoi</i> Ohwi 지리대사초(P)	○	○			
413. <i>C. bostrychostigma</i> Max. 길뚝사초(P)	○	○	○	○	○
414. <i>C. breviculmis</i> R. Br. 청사초(P)	○	○	○	○	○
415. <i>C. forficula</i> Franch. & Sav. 산뚝사초(P)	○	○	○		
416. <i>C. humilis</i> Leyss. 산겨울(P)	○	○	○	○	○

417. <i>C. lanceolata</i> A. Gray 그늘사초(P)	○	○	○	○	○
418. <i>C. laevisissima</i> Nakai 애팽이사초(P)	○	○	○	○	○
419. <i>C. leiorhyncha</i> C. A. Mey. 산팽이사초(P)	○	○	○	○	○
420. <i>C. maackii</i> Max. 타래사초(P)		○	○		
421. <i>C. neurocarpa</i> Max. 팽이사초(P)	○	○	○	○	○
422. <i>C. sabyrensis</i> Less. ex Kunth 실청사초(P)	○	○	○	○	○
423. <i>C. siderosticta</i> Hance 대사초(P)	○	○	○	○	○
424. <i>C. amuricus</i> Max. 방동사니(M)	○	○	○	○	○
425. <i>C. microiria</i> Steud. 금방동사니(U)	○	○	○	○	○
426. <i>C. nipponicus</i> Fr. et Sav. 나도방동사니(U)	○	○	○	○	○
427. <i>Fimbristylis dichotoma</i> Vahl 하늘지기(U)	○	○	○	○	○
428. <i>F. monostachyos</i> (L.) Hassk. 쇠하늘지기(U)	○	○	○	○	○
429. <i>Kyllinga brevifolia</i> var. <i>leiolepis</i> Hara 파대가리(U)	○	○	○	○	○
430. <i>Lipocarpha microcephala</i> (R. Br.) Kunth 세대가리(U)	○	○	○	○	○
Order Arales 천남성목					
Family Araceae 천남성과					
431. <i>Arisaema amurense</i> Maxim. 둥근잎천남성(M)	○	○	○	○	○
432. <i>A. angustatum</i> var. <i>peninsulae</i> Nakai 점박이천남성(M, P)	○	○		○	○
433. <i>A. heterophyllum</i> Blume 두루미천남성(M)	○	○		○	○
434. <i>A. robustum</i> (Engl.) Nakai 넓은잎천남성(M)	○	○	○	○	○
435. <i>A. amurense</i> var. <i>serratum</i> Nakai 천남성(M, P)	○	○	○	○	○
436. <i>Pinellia ternata</i> (Thunb.) Breitenb. 반하(M)	○	○		○	○
Order Farinales 분질배유목					
Family Commelinaceae 닭의장풀과					
437. <i>Commelina communis</i> L. 닭의장풀(M, E, P, S)	○	○	○	○	○
438. <i>Tradescantia reflexa</i> Rafin. 자주닭개비(C, O)	○	○		○	○
Family Pontederiaceae 물옥잠과					
439. <i>Monochoria vaginalis</i> var. <i>plantaginea</i> (Roxb.) Solms-Laub. 물달개비(O)	○	○		○	○
Order Liliales 백합목					
Family Juncaceae 골풀과					
440. <i>Luzula capitata</i> (Miq.) Miq. 꿩의밥(U)	○	○	○	○	○
441. <i>Juncus effusus</i> var. <i>decipiens</i> Buchenau 골풀(M)	○	○	○	○	○
Family Liliaceae 백합과					
442. <i>Allium thunbergii</i> G. Don 산부추(E)		○			
443. <i>A. monanthum</i> Max. 달래(E)	○	○	○		
444. <i>A. macrostemon</i> Bunge 산달래(E)	○	○	○		
445. <i>Asparagus schoberioides</i> Kunth 비짜루(E)	○	○	○		○
446. <i>Convallaria keiskei</i> Miq. 은방울꽃(M)		○	○		
447. <i>Disporum smilacinum</i> A. Gray 애기나리(E, P)	○	○			○
448. <i>D. viridescens</i> (Max.) Nakai 큰애기나리(E, P)	○	○	○		○
449. <i>Hemerocallis dumortieri</i> Morr. 각시원추리(O, E, P)	○	○	○	○	
450. <i>Hemerocallis fulva</i> L. 원추리(M, O, E, P)	○	○	○		○
451. <i>Hosta longipes</i> (Fr. et Sav.) Matsumura 비비추(E, P)	○	○	○	○	○
452. <i>H. capitata</i> Nakai 일월비비추(E, P)	○	○			
453. <i>Lilium tigrinum</i> Ker-Gawl. 참나리(M, E)	○	○	○		○
454. <i>L. tsingtauense</i> Gilg 하늘말나리(M, E, O, P)	○	○	○		

455. <i>L. amabile</i> Palibin 털중나리(M, E)	○	○	○		
456. <i>L. spicata</i> Lour. 개맥문둥(C, M, O, P)	○	○	○		○
457. <i>Paris verticillata</i> Bieb. 샷갓나물(E)	○	○	○	○	○
458. <i>Polygonatum lasianthum</i> var. <i>coreanum</i> Nakai 죽대(M)	○				○
459. <i>P. humile</i> Fisch. 각시둥글레(E, P)	○	○	○		
460. <i>P. involucreatum</i> Max. 용둥글레(E, P)	○	○	○		
461. <i>P. inflatum</i> Kom. 통둥글레(E, P)	○	○	○		
462. <i>P. odoratum</i> var. <i>pluriflorum</i> Ohwi 둥글레(E, P)	○	○	○	○	○
463. <i>Scilla scilloides</i> (Lind.) Druce 무릇(E)	○	○	○	○	○
464. <i>Smilax china</i> L. 청미래덩굴(M, E, P, S)	○	○		○	○
465. <i>S. sieboldii</i> Miq. 청가시덩굴(E, P)	○	○	○	○	○
466. <i>S. riparia</i> var. <i>ussuriensis</i> Hara et T. Koyama 밀나물(E, P)	○	○	○	○	○
467. <i>S. nipponica</i> Miq. 선밀나물(E, P)	○	○	○	○	○
468. <i>S. sieboldii</i> var. <i>inermis</i> NAKAI. 민청가시덩굴(E, P)	○	○	○	○	○
469. <i>Smilacina japonica</i> A. Gray 풀솜대(E)	○	○	○	○	○
470. <i>Veratrum maackii</i> var. <i>japonicum</i> T. Shimizu 여로(M)	○	○	○		○
Family Dioscoreaceae 마과					
471. <i>Dioscorea batatas</i> Decne. 마(E, M, P)	○	○	○		○
472. <i>D. tokoro</i> Makino 도꼬로마(M, E, P)	○	○	○	○	○
473. <i>D. quinqueloba</i> Thunb. 단풍마(P)	○	○	○		○
474. <i>D. septemloba</i> Thunb. 국화마(P)	○	○	○		○
Family Iridaceae 붓꽃과					
475. <i>Iris sanguinea</i> Donn ex Horn 붓꽃(O, P)	○	○	○	○	○
476. ** <i>Iris rossii</i> Bak. 각시붓꽃(O, P)	○	○	○	○	○
Order Orchidales 난초목					
Family Orchidaceae 난초과					
477. <i>Cephalanthera longibracteata</i> Bl. 은대난초(U)	○	○	○		
478. <i>Liparis kumokiri</i> F.Maek. 옥잠난초(U)	○	○	○		