

# Flora of Mt. Woosanbong, Korea

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## ABSTRACT

This study was performed to investigate the flora and plant resources of Mt. Woosanbong (537.8 m) from April to October 2002. The collected vascular plants were composed of all 389 taxa including cultivated species, and classified into 329 species, 2 subspecies, 53 varieties, and 5 forms of 248 genera under 81 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 181, pasturing 160, medicinal 136, stainable 94, ornamental 77, timber 22, fiber 5 and industrial 4 taxa, respectively. Floristic geography of the investigated area was regarded as the boundary between middle and southern parts in floristic pattern of the Korean Peninsula.

*Key words:* flora, resource plants, Mt. Woosanbong.

## INTRODUCTION

Mt. Woosanbong (537.8 m, Lat. 36°21'64"-36°25'00"N, Long. 127°15'46"-127°17'30"E) is located at the boundary between Yuseong District of Daejeon City and Gongju City of Chung-nam Province. For recent five years, the yearly average temperature of this mount area was 12.9°C, 34.4°C as maximum and -13.7°C as minimum, and average of annual precipitation was 1,655.6 mm (Daejeon City, 2001). Till now, floras of mounts neighbouring to Daejeon City such as Mt. Whan (Ko *et al.*, 1989a), Mt. Do Duk Bong (Ko *et al.*, 1989b), Mt. Bo Moon (Kim *et al.*, 1995), Mt. Kyeryong (Lee *et al.*, 1995; Ko and Kang, 2001), and Mt. Keumsoobong (Ko and Kang, 2001) have been investigated by authors, but the flora 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. Woosanbong.

## MATERIALS AND METHODS

Korean endemic and cultivated plants were respectively marked as \* and \*\* in front of their

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scientific names. The investigation was conducted in each slope and altitude of the mount. The classification scheme and scientific names were based on Lee (1980). Categories for usable plants, that is, edible, pasturing, medicinal, stainable, ornamental, timber, fiber and industrial plants depended on Chung (1955, 1956), Lee (1980) and Lee (1996). In addition, the endemic plants (Lee, 1984; Paik, 1994), and the rare and endangered plants (KACN, 1981; Ministry of Environment, 1994) were also examined.

## RESULTS AND DISCUSSION

### Composition of vascular plant

Vascular plants were classified into 329 species, 2 subspecies, 53 varieties, and 5 forms of 248 genera under 81 families (Table 1, Appendix). This resulted in 9.3% of total Korean vascular plants, 4,191 taxa of Nakai (1952). The flora of Mt Woosanbong consists of 8 taxa of pteriophyte, 9 taxa of gymnosperm and 373 taxa of angiosperm (Table 2).

### Composition of usable plants

Grouped into their utilities, resource plants were

categorized into 181 (46.3%) taxa for edible, 160 (40.9%) taxa for pasturing, 136 taxa (34.8%) for medicinal, 94 taxa (24.0%) for stainable, 77 taxa (19.7%) for ornamental, 22 taxa (5.6%) for timber, 5 taxa (1.3%) for fiber and 4 taxa (1.0%) for industrial plants. But the resources values for 35 taxa (9.0%) have not been known yet.

### Floristic geography of Mt. Woosanbong

Floristic geography of the Korean Peninsula belongs to Sino-Japanese Region of Boreal or Holarctic Kingdom (Good, 1947). Mt. Woosanbong 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*, *Allium thunbergii*, *Magnolia obovata*, *Liliodendron tulipifera*, *Geum japonicum*, *Prunus serrulata* var.

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

Taxa	Family	Genus	Species	Var.	For.	Subsp.	Total
Pteriophyte	4	7	8				8
Gymnosperm	5	7	9				9
Angiosperm	72	234	315	53	4	2	372
Monocotyledon	9	54	72	15			87
Dicotyledon	63	180	241	38	4	2	285
Total	81	248	330	53	4	2	389

Table 2. Resource plants in Mt. Woosanbong

Use	E	P	M	S	O	T	F	I	U
No. of taxa	181	160	136	94	77	22	5	4	35
(%)	(46.3)	(40.9)	(34.8)	(24.0)	(19.7)	(5.6)	(1.3)	(1.0)	(9.0)

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

*sontagiae*, *Ostericum grosseserrata*, and *Androsace umbellata*.

Plants of southern part pattern: 4 taxa of *Polygonatum lasianthum* var. *coreanum*, *Goodyera schlechtendaliana*, *G. macrantha*, and *Purunus 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 okamotoi*, *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* var. *nippo-oleifera*, *Hydrangea serrata* for. *acuminata*, *Chrysosplenium grayanum*, *Ribes fasciculatum* var. *chinense*, *Chaenomeles lagenaria*, *Kerria japonica*, *Potentilla freyniana*, *Purunus yedoensis*, *P. serrulata* var. *spontanea*, *Albizia julibrissin*, *Ceris chinensis*, *Wistaria floribunda*, *Poncirus triflojata*, *Zanthoxylum piperitum*, *Z. schinifolium*, *Euonymus aponica*, *Acer palmatum*, *Vitis thunbergii* var. *sinuata*, *Viola patrinii*, *Elaeagnus umbellata*, *Lagerstroemia indica*, *Cornus kousa*, *Vaccinium oldhami*, *Diospyros lotus*, *D. kaki*, *Symplocos prunifolia*, *Styrax japonica*,

*Fraxinussieboldiana*, *Callicarpa japonica*, *Clerodendron trichotomum*, *Ajuga decumbens*, *Elsholtzia splendens*, *Scutellaria indica*, *Paederia scandens*, and *Yongiajaponica*.

Plants of northern-middle part pattern: 17 taxa of *Osmundajaponica*, *Phragmitescommunis*, *Carex maackii*, *Convallaria 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. Woosanbong

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). Rare and endangered plants were 4 taxa of *Carex okamotoi*, *Iris rossii*, *Poncirus triflojata*, and *Pyrola japonica* (Table 4).

Table 3. Korean endemic plants distributed in Mt. Woosanbong.

Number	Scientific name	Korean name
1	<i>Cephalotaxus koreana</i> Nakai	개비자나무
2	<i>Aconitum pseudolaeve</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

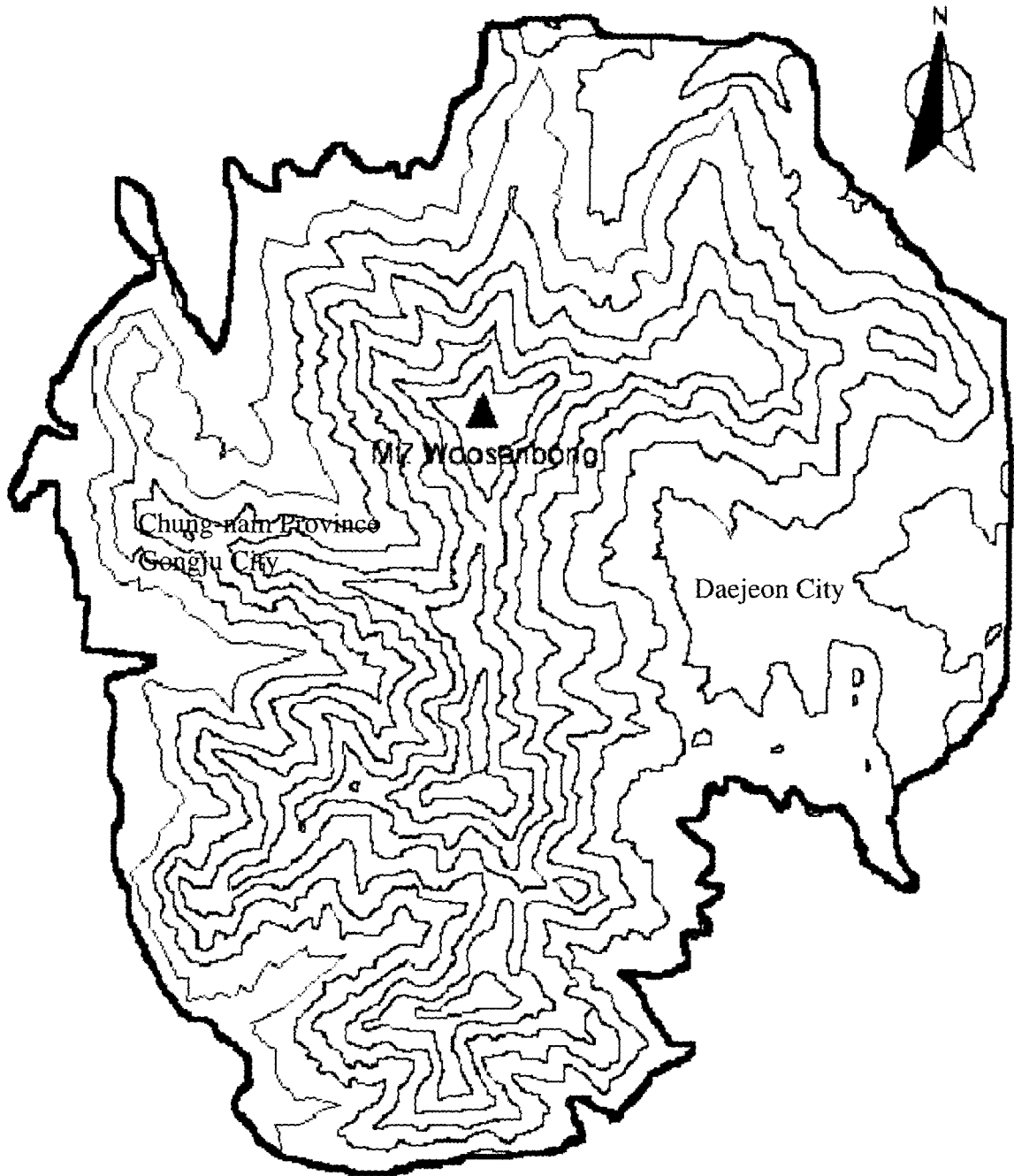


Fig. 1. Map of Mt. Woosanbong. "-----" Surveyed routes.

Table 4. Rare and endangered plants distributed in Mt. Woosanbong.

Number	Scientific name	Korean name
1	<i>Carex okamotoi</i> Ohwi	지리대사초
2	<i>Iris rossii</i> Baker	각시붓꽃
3	<i>Poncirus trifoliata</i> Rafin.	탱자나무
4	<i>Pyrola japonica</i> Klenze	노루발

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Appendix. List of resource plants in Mt. Woosanbong

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

19. <i>Thuja orientalis</i> L. 측백나무 (M, O)	○	○	○	○	○
<b>Class Angiospermae 피자식물강</b>					
<b>Subclass Monocotyledoneae 단자엽식물아강</b>					
<b>Order Graminales 벼목</b>					
<b>Family Gramineae 벼과</b>					
20. <i>Agrostis clavata</i> var. <i>nukabo</i> Ohwi 겨이삭 (P)	○	○	○	○	○
21. <i>Agropyron tsukushiense</i> var. <i>transiens</i> (Hack.) Ohwi 개밀 (P)	○	○	○	○	○
22. <i>Arthraxon hispidus</i> (Thunb.) Makino 조개풀 (P)	○	○	○	○	○
23. <i>Avena fatua</i> L. 메귀리 (E, P)		○		○	○
24. <i>Bromus japonicus</i> Thunb. 참새귀리 (P)	○	○	○	○	○
25. <i>B. remotiflorus</i> (Steud.) Ohwi 꼬리새 (P)	○	○			○
26. <i>Cymbopogon tortilis</i> var. <i>goeringii</i> (Steud.) Hand.-Mazz. 개솔새 (P)	○	○			○
27. <i>Calamagrostis arundinacea</i> (L.) Roth 실새풀 (P)	○	○	○		○
28. <i>Digitaria sanguinalis</i> (L.) Scop. 바랭이 (P)	○	○	○	○	
29. <i>Echinochloa crus-galli</i> (L.) Beauv. 돌피 (E, S)	○	○	○		
30. <i>Eragrostis multicaulis</i> Steud. 비노리 (P)	○	○	○	○	○
31. <i>Festuca ovina</i> L. 김의털 (P)	○	○			
32. <i>Imperata cylindrica</i> var. <i>koenigii</i> (Retz.) Durand et Schinz 띠 (E)	○	○	○	○	○
33. <i>Melica onoei</i> Fr. 쌀새 (P)	○	○	○	○	○
34. <i>Miscanthus sinensis</i> var. <i>purpurascense</i> Rend. 억새 (P)	○	○	○	○	○
35. <i>Oplismenus undulatifolius</i> (Ard.) Roem. et Schult. 주름조개풀 (P)	○	○			
36. <i>Pennisetum alopecuroides</i> (L.) Spreng 수크령 (P)	○	○	○		
37. <i>Phragmites communis</i> Trin. 갈대 (M, P)		○	○		○
38. <i>Poa sphondylodes</i> Trin. 포아풀 (P)	○	○	○	○	○
39. <i>Setaria glauca</i> (L.) Beauv. 금강아지풀 (P)	○	○	○		○
40. <i>S. viridis</i> (L.) Beauv. 강아지풀 (P)	○	○	○	○	○
41. <i>Spodiopogon cotulifer</i> (Thunb.) Hack. 기름새 (P)	○	○			○
42. <i>Themeda triandra</i> var. <i>japonica</i> Makino 솔새 (P)	○	○			○
43. <i>Trisetum bifidum</i> (Thunb.) Ohwi 잠자리피 (P)	○	○	○	○	○
44. <i>Sasa borealis</i> (Hack.) Makino 조릿대 (M, E, P)	○	○		○	○
45. <i>Zizania latifolia</i> Turcz. 줄 (P)	○	○	○	○	○
46. <i>Zoysia japonica</i> Steud. 잔디 (O)	○	○	○	○	○
<b>Family Cyperaceae 사초과</b>					
47. *, ** <i>Carex okamotoi</i> Ohwi 지리대사초 (P)	○	○			
48. <i>C. bostrychostigma</i> Max. 길뚝사초 (P)	○	○	○	○	○
49. <i>C. breviculmis</i> R. Br. 청사초 (P)	○	○	○	○	○
50. <i>C. humilis</i> Leyss. 산거울 (P)	○	○	○	○	○
51. <i>C. lanceolata</i> A. Gray 그늘사초 (P)	○	○	○	○	○
52. <i>C. laevissima</i> Nakai 애팽이사초 (P)	○	○	○	○	○

53. <i>C. maackii</i> Max. 타래사초 (P)		○	○		
54. <i>C. neurocarpa</i> Max. 팽이사초 (P)	○	○	○	○	○
55. <i>C. siderosticta</i> Hance 대사초 (P)	○	○	○	○	○
56. <i>Cyperus amuricus</i> Max 방동사니 (M)	○	○	○	○	○
57. <i>C. microiria</i> Steud. 금방동사니 (U)	○	○	○	○	○
58. <i>Fimbristylis dichotoma</i> Vahl 하늘지기 (U)	○	○	○	○	○
59. <i>Kyllinga brevifolia</i> var. <i>leiolepis</i> Hara 파대가리 (U)	○	○	○	○	○
60. <i>Lipocarpha microcephala</i> (R. Br.) Kunth 세대가리 (U)	○	○	○	○	○
<b>Order Arales 천남성목</b>					
<b>Family Araceae 천남성과</b>					
61. <i>Arisaema robustum</i> (Engl.) Nakai 넓은잎천남성 (M)	○	○	○	○	○
62. <i>A. angustatum</i> var. <i>peninsulae</i> Nakai 점박이천남성 (M, P)	○	○		○	○
63. <i>A. amurense</i> var. <i>serratum</i> Nakai 천남성 (M, P)	○	○	○	○	○
<b>Order Farinales] 분질배유목</b>					
<b>Family Commelinaceae 닭의장풀과</b>					
64. <i>Commelina communis</i> L. 닭의장풀 (M, E, P, S)	○	○	○	○	○
65. <i>Tradescantia reflexa</i> Rafin. 자주닭개비 (O)	○	○		○	○
<b>Order Liliales 백합목</b>					
<b>Family Juncaceae 골풀과</b>					
66. <i>Luzula capitata</i> (Miq.) Miq. 평의밥 (U)	○	○	○	○	○
<b>Family Liliaceae 백합과</b>					
67. <i>Allium thunbergii</i> G.Don 산부추 (E)			○		
68. <i>A. monanthum</i> Max. 달래 (E)	○	○	○		
69. <i>Asparagus schoberioides</i> Kunth 비짜루 (E)	○	○	○		○
70. <i>Convallaria keiskei</i> Miq. 은방울꽃 (M)			○	○	
71. <i>Disporum smilacinum</i> A. Gray 애기나리 (E, P)	○	○			○
72. <i>D. viridescens</i> (Max.) Nakai 큰애기나리 (E, P)	○	○	○		○
73. <i>Hemerocallis dumortieri</i> Morr. 각시원추리 (O, E, P)	○	○	○	○	
74. <i>Hemerocallis fulva</i> L. 원추리 (M, O, E, P)	○	○	○		○
75. <i>Hosta longipes</i> (Fr. et Sav.) Matsumura 비비추 (E, P)	○	○	○	○	○
76. <i>H. capitata</i> NAKAI 일월비비추 (E, P)	○	○			
77. <i>Lilium tigrinum</i> Ker-Gawl. 참나리 (M, E)	○	○	○		○
78. <i>L. tsingtauense</i> Gilg 하늘말나리 (M, E, O, P)	○	○	○		
79. <i>L. amabile</i> Palibin 털중나리 (M, E)	○	○	○		
80. <i>L. spicata</i> Lour. 개맥문동 (M, O, P)	○	○	○		○
81. <i>Paris verticillata</i> Bieb. 샷갓나물 (E)	○	○	○	○	○
82. <i>Polygonatum lasianthum</i> var. <i>coreanum</i> Nakai 죽대 (M)	○				○
83. <i>P. humile</i> Fisch. 각시동굴레 (E, P)	○	○	○		
84. <i>P. involucreatum</i> Max. 용동굴레 (E, P)	○	○	○		



85. <i>P. inflatum</i> Kom. 통등굴레 (E, P)	○	○	○		
86. <i>P. odoratum</i> var. <i>pluriflorum</i> Ohwi 등굴레 (E, P)	○	○	○	○	○
87. <i>Scilla scilloides</i> (Lind.) Druce 무릇 (E)	○	○	○	○	○
88. <i>Smilax china</i> L. 청미래덩굴 (M, E, P, S)	○	○		○	○
89. <i>S. sieboldii</i> Miq. 청가시덩굴 (E, P)	○	○	○	○	○
90. <i>S. riparia</i> var. <i>ussuriensis</i> Hara et T. Koyama 밀나물 (E, P)	○	○	○	○	○
91. <i>S. nipponica</i> Miq. 선밀나물 (E, P)	○	○	○	○	○
92. <i>S. sieboldii</i> var. <i>inermis</i> NAKAI. 민청가시덩굴 (E, P)	○	○	○	○	○
93. <i>Smilacina japonica</i> A.Gray 풀솜대 (E)	○	○	○	○	○
94. <i>Veratrum maackii</i> var. <i>japonicum</i> T. Shimizu 여로 (M)	○	○	○		○
<b>Family Dioscoreaceae 마과</b>					
95. <i>Dioscorea tokoro</i> Makino 도꼬로마 (M, E, P)	○	○	○	○	○
96. <i>D. quinqueloba</i> Thunb. 단풍마 (P)	○	○	○		○
<b>Family Iridaceae 붓꽃과</b>					
97. ** <i>Iris rossii</i> Bak. 각시붓꽃 (O, P)	○	○	○	○	○
<b>Order Orchidales 난초목</b>					
<b>Family Orchidaceae 난초과</b>					
98. <i>Cephalanthera longibracteata</i> Bl. 은대난초 (U)	○	○	○		
99. <i>Goodyera schlechtendaliana</i> Reichb. fil. 사철란 (U)	○			○	
100. <i>G. macrantha</i> MAX. 붉은사철란 (U)	○				
101. <i>Liparis krameri</i> Fr. et Sav. 나나벌이난초 (U)	○	○	○		○
<b>Subclass Dicotyledoneae 쌍자엽식물아강</b>					
<b>Order Salicales 버드나무목</b>					
<b>Family Salicaceae 버드나무과</b>					
102. <i>Salix gracilistyla</i> Miq. 갯버들 (P)	○	○	○	○	○
103. <i>S. glandulosa</i> SEEM. 왕버들 (O, S)	○	○			
104. <i>Populus euramericana</i> GUINIER 이태리포플러 (T)	○	○	○		
<b>Order Juglandales 가래나무목</b>					
<b>Family Juglandaceae 가래나무과</b>					
105. <i>Platycarya strobilacea</i> S. et Z. 굴피나무 (S)	○	○			
106. <i>Juglans sinensis</i> DODE 호두나무 (E)	○	○			
<b>Order Fagales 참나무목</b>					
<b>Family Betulaceae 자작나무과</b>					
107. <i>Alnus hirsuta</i> (Spach) Rupr. 물오리나무 (S)		○	○		
108. <i>A. hirsuta</i> for. <i>glabra</i> var. <i>sibirica</i> (Spach) Schneid. 물갸나무 (S)		○	○		
109. <i>Betula davurica</i> Pall. 물박달나무 (M, T)		○	○	○	○
110. <i>Carpinus laxiflora</i> Bl. 서어나무 (O, S)	○	○			
111. <i>C. cordata</i> Bl. 십 (T, P)	○	○	○	○	
112. <i>Corylus heterophylla</i> var. <i>thunbergii</i> 개암나무 (M, E, P, S)	○	○	○	○	○

**Family Fagaceae 참나무과**

- |  |   |   |   |   |   |
|--|---|---|---|---|---|
| 113. <i>Castanea crenata</i> S. et Z. 밤나무 (M, E, T, S) | ○ | ○ | ○ | ○ | ○ |
| 114. <i>Quercus aliena</i> Bl. 갈참나무 (E, T, P)          | ○ | ○ | ○ | ○ | ○ |
| 115. <i>Q. acutissima</i> CARRUTH. 상수리나무 (M, E, T, S)  | ○ | ○ | ○ | ○ | ○ |
| 116. <i>Q. mongolica</i> Fisch. 신갈나무 (E, T, P)         | ○ | ○ | ○ | ○ | ○ |
| 117. <i>Q. serrata</i> Thunb. 졸참나무 (M, E, T, P)        |   | ○ | ○ |   | ○ |
| 118. <i>Q. dentata</i> Thunb. 떡갈나무 (M, E, T, S)        | ○ | ○ | ○ | ○ | ○ |
| 119. <i>Q. variabilis</i> Bl. 굴참나무 (E, R, M, T)        | ○ | ○ | ○ | ○ | ○ |

**Order Urticales 켄기풀목**

**Family Ulmaceae 느릅나무과**

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| 120. <i>Celtis sinensis</i> Pers. 팽나무 (M, E, P, S)    | ○ | ○ | ○ | ○ | ○ |
| 121. <i>Ulmus davidiana</i> Planch. 느릅나무 (M, E, T, F) | ○ | ○ | ○ | ○ | ○ |
| 122. <i>U. parvifolia</i> JACQ. 참느릅나무 (E, T, S)       | ○ | ○ |   |   |   |
| 123. <i>Zelkova serrata</i> Makino 느티나무 (E, T, S)     | ○ | ○ |   | ○ |   |

**Family Moraceae 뽕나무과**

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| 124. <i>Morus bombycis</i> Koidz. 산뽕나무 (M, E, P, S) | ○ | ○ | ○ | ○ | ○ |
| 125. <i>M. alba</i> L. 뽕나무 (M, E, P, S)             | ○ | ○ | ○ | ○ | ○ |

**Family Cannabinaceae 삼과**

- |  |   |   |   |   |   |
|--|---|---|---|---|---|
| 126. <i>Humulus japonicus</i> S. et Z. 환삼덩굴 (M, E, F, S) | ○ | ○ | ○ | ○ | ○ |
|--|---|---|---|---|---|

**Family Urticaceae 켄기풀과**

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| 127. <i>Boehmeria spicata</i> Thunb. 쯤깨잎나무 (F, S) | ○ | ○ |   | ○ | ○ |
| 128. <i>B. tricuspis</i> Makino 거북꼬리 (E, F)       | ○ | ○ | ○ | ○ | ○ |

**Order Aristolochiales 쥐방울덩굴목**

**Family Aristolochiaceae 쥐방울덩굴과**

- |   |   |   |   |  |  |
|---|---|---|---|--|--|
| 129. <i>Asarum sieboldii</i> Miq. 족도리 (M) | ○ | ○ | ○ |  |  |
|---|---|---|---|--|--|

**Order Polygonales 마디풀목**

**Family Polygonaceae 마디풀목**

- |  |   |   |   |   |   |
|--|---|---|---|---|---|
| 130. <i>Persicaria hydropiper</i> (L.) Spach 여뀌 (M, P) | ○ | ○ | ○ |   | ○ |
| 131. <i>P. filiforme</i> NAKAI 이삭여뀌 (S)                | ○ | ○ | ○ | ○ | ○ |
| 132. <i>P. perfoliata</i> H. Gross 머느리배꼽 (E)           | ○ | ○ | ○ |   |   |
| 133. <i>P. senticosa</i> GROSS 머느리밀씻개 (E, P)           | ○ | ○ | ○ |   | ○ |
| 134. <i>P. thunbergii</i> H. Gross 고마리 (P)             | ○ | ○ | ○ | ○ | ○ |
| 135. <i>Rumex crispus</i> L. 소리쟁이 (M, E, P, S)         | ○ | ○ | ○ |   |   |

**Order Centrospermales 중심자목**

**Family Chenopodiaceae 명아주과**

- |  |   |   |   |  |   |
|--|---|---|---|--|---|
| 136. <i>Chenopodium album</i> var. <i>centrorubrum</i> MAKINO 명아주 (E, P) | ○ | ○ | ○ |  | ○ |
|--|---|---|---|--|---|

**Family Amaranthaceae 비름과**

- |  |   |   |   |   |   |
|--|---|---|---|---|---|
| 137. <i>Achyranthes japonica</i> (Miq.) Nakai 쇠무릎 (M, E, P, S) | ○ | ○ | ○ | ○ | ○ |
|--|---|---|---|---|---|

**Family Nyctaginaceae 분꽃과**

138. <i>Mirabilis jalapa</i> L. 분꽃 (O)	○	○			
<b>Family Phytolaccaceae 자리공과</b>					
139. <i>Phytolacca americana</i> L. 미국자리공 (S)	○	○	○		
<b>Family Caryophyllaceae 석죽과</b>					
140. <i>Arenaria serpyllifolia</i> L. 벼룩이자리 (E)	○	○	○	○	○
141. <i>Cerastium holosteoides</i> var. <i>hallaisanense</i> Mizushima 점나도나물 (E)	○	○	○	○	○
142. <i>Dianthus sinensis</i> L. 패랭이꽃 (M)	○	○	○	○	○
143. <i>Pseudostellaria palibiniana</i> (Takeda) Ohwi 큰개별꽃 (E)	○	○	○	○	○
144. <i>P. heterophylla</i> (Miq.) Pax 개별꽃 (M, E)	○	○	○		
145. <i>Stellaria media</i> Villars 별꽃 (E)	○	○	○	○	○
146. <i>Gypsophila oldhamiana</i> Miq. 대나물 (M, E, O)	○	○	○	○	○
147. <i>Melandryum firmum</i> (S. et Z.) Rohrb. 장구채 (M, E, P)	○	○	○	○	○
<b>Order Ranales 미나리아재비목</b>					
<b>Family Ranunculaceae 미나리아재비과</b>					
148. * <i>Aconitumpusedo-leave</i> var. <i>erectum</i> Nakai 진범 (M)			○	○	○
149. <i>A. ciliare</i> DC. 늦젓가락나물 (M)	○	○	○		
150. <i>Cimicifuga heracleifolia</i> Kom. 승마 (M)	○	○	○		
151. <i>Clematis apiifolia</i> A.P.DC. 사위질빵 (S)	○	○	○	○	○
137. <i>C. fusca</i> var. <i>violaceae</i> Max. 종덩굴 (U)			○	○	
152. <i>C. hracleifolia</i> DC. 병조희풀 (M)	○	○	○	○	○
153. <i>C. koreana</i> Kom. 세잎종덩굴 (U)	○	○	○	○	○
154. <i>C. mandshurica</i> Rupr. 으아리 (M)	○	○	○	○	○
155. <i>C. patens</i> Morr. et Decne. 큰꽃으아리 (O)	○	○	○	○	○
156. * <i>C. trichotoma</i> Nakai 할미밀망 (U)	○	○	○	○	○
157. <i>Hepatica asiatica</i> Nakai 노루귀 (O)	○	○	○		○
158. <i>Pulsatilla koreana</i> Nakai 할미꽃 (M)	○	○	○	○	○
159. <i>Ranunculus chinensis</i> Bunge 젓가락나물 (U)	○	○	○	○	○
160. <i>R. cantoniensis</i> DC. 털개구리미나리 (U)	○	○		○	○
161. <i>R. japonicus</i> Thunb. 미나리아재비 (M, P, S)	○	○	○	○	○
162. <i>Thalictrum aquilegifolium</i> L. 꿩의다리 (M, E, P)	○	○	○	○	○
163. <i>T. filamentosum</i> Max. 산꿩의다리 (M)	○	○	○	○	○
164. <i>T. actaeifolium</i> S. et Z. 은꿩의다리 (E)	○	○	○	○	○
<b>Family Lardizabalaceae 으름덩굴과</b>					
165. <i>Akebia quinata</i> Decne. 으름 (M, P, O, S)	○	○		○	○
<b>Family Menispermaceae 방기과</b>					
166. <i>Cocculus trilobus</i> DC. 땡땡이덩굴 (M, E, P)	○	○	○	○	○
167. <i>Menispermum dauricum</i> DC. 새모래덩굴 (U)	○	○	○	○	○
<b>Family Magnoliaceae 목련과</b>					
168. <i>Magnolia sieboldii</i> K. Koch 함박꽃나무 (O, P)	○	○	○	○	○

169. <i>M. obovata</i> Thunb. 일본목련 (O)					○
170. <i>Liliodendron tulipifera</i> L. 튜올립나무 (O, S)					○
<b>Family Lauraceae 녹나무과</b>					
171. <i>Lindera erythrocarpa</i> Makino 비목나무 (O, S)					○ ○ ○
172. <i>L. obtusiloba</i> Bl. 생강나무 (M, E, O, S)					○ ○ ○ ○ ○
173. <i>L. glauca</i> Bl. 감태나무 (O)					○ ○ ○
<b>Order Papaverales 양귀비목</b>					
<b>Family Papaveraceae 양귀비과</b>					
174. <i>Chelidonium majus</i> var. <i>asiaticum</i> (Hara) Ohwi 애기똥풀 (M, S)					○ ○ ○ ○ ○
<b>Family Fumariaceae 현호색과</b>					
175. <i>Corydalis speciosa</i> Max. 산괴불주머니 (S)					○ ○ ○ ○ ○
176. <i>C. remota</i> Fisher ex Maxim. 현호색 (M)					○ ○ ○
<b>Family Cruciferae 십자화과</b>					
177. <i>Arabis glabra</i> (L.) Bernh. 장대나물 (E)					○ ○ ○ ○ ○
178. <i>Brassica campestris</i> subsp. <i>napus</i> var. <i>nippo-oleifera</i> Makino 유채 (E)					○ ○ ○ ○ ○
179. <i>Capsella bursa-pastoris</i> (L.) Medicus 냉이 (M, E, S)					○ ○ ○ ○ ○
180. <i>Cardamine flexuosa</i> var. <i>fallax</i> O.E. Schulz 좁쌀냉이 (E)					○ ○ ○ ○ ○
181. <i>C. flexuosa</i> With. 황새냉이 (E, S)					○ ○ ○ ○ ○
182. <i>C. lyrata</i> Bunge 논냉이 (E)					○ ○ ○ ○ ○
183. <i>C. leucantha</i> O. E. Schulz 미나리냉이 (E, S)					○ ○ ○ ○ ○
184. <i>Draba nemorosa</i> var. <i>hebecarpa</i> Lindbl. 꽃다지 (M, E, S)					○ ○ ○ ○ ○
185. <i>Lepidium apetalum</i> Willd. 다닥냉이 (M, E)					○ ○ ○ ○ ○
186. <i>Rorippa indica</i> (L.) Hiern 개갓냉이 (E)					○ ○ ○ ○ ○
187. <i>R. islandica</i> (Oed.) Borb. 속속이풀 (E)					○ ○ ○ ○ ○
188. <i>Thlaspi arvense</i> L. 말냉이 (E)					○ ○ ○ ○ ○
<b>Order Rosales 장미목</b>					
<b>Family Saxifragaceae 범의귀과</b>					
189. <i>Astillbe chinensis</i> var. <i>dauidii</i> Fr. 노루오줌 (M, P)					○ ○ ○ ○ ○
190. <i>Hydrangea serrata</i> for. <i>acuminata</i> (S.etZ.) Wils. 산수국 (O, S)					○ ○ ○ ○ ○
191. <i>Philadelphus schrenckii</i> Rupr. 고광나무 (O, P, S)					○ ○ ○ ○ ○
192. <i>P. tenuifolius</i> Rupr. et Max. 얇은잎고광나무 (O)					○ ○ ○ ○ ○
193. <i>Chrysosplenium grayanum</i> Max. 꿩이눈 (U)					○ ○ ○ ○ ○
194. <i>Deutzia coreana</i> Lev. 매화말발도리 (O)					○ ○ ○ ○ ○
195. <i>D. glabrata</i> Kom. 물참대 (O)					○ ○ ○ ○ ○
196. <i>Ribes fasciculatum</i> var. <i>chinense</i> Max. 까마귀밥나무 (E, O, P)					○ ○ ○ ○ ○
<b>Family Rosaceae 장미과</b>					
197. <i>Agrimonia pilosa</i> Ledeb. 짚신나물 (M, E, P, S)					○ ○ ○ ○ ○
198. <i>Chaenomeles lagenaria</i> (Loisel) Koidz. 명자꽃 (O, S)					○ ○ ○ ○ ○
199. <i>Duchesnea chrysantha</i> (Zoll. et Morr.) Miq. 뱀딸기 (M, E, P, S)					○ ○ ○ ○ ○

200. <i>Geum japonicum</i> Thunb. 뱀무 (M, E, P, S)		○		○	
201. <i>Kerria japonica</i> (L.) DC. 황매화 (O)	○	○			
202. <i>Malus baccata</i> Borkh. 야광나무 (M, E)		○	○		
203. <i>Potentilla freyniana</i> Bornm. 세잎양지꽃 (E, P)	○	○			○
204. <i>P. fragarioides</i> var. <i>major</i> Max. 양지꽃 (M, E)	○	○	○	○	○
205. <i>P. kleiniana</i> Wight et Arnott 가락지나물 (E, P)	○	○	○	○	○
206. <i>P. dickinsii</i> Fr. et Sav. 돌양지꽃 (U)	○	○	○	○	○
207. <i>Prunus persica</i> (L.) Batsch 복사나무 (E, P)	○	○	○		
208. <i>P. armeniaca</i> vat. <i>ansu</i> Max. 살구 (M, E, O, S)	○	○	○		
209. <i>P. yedoensis</i> Matsumura 왕벚나무 (O)	○	○			
210. <i>P. serrulata</i> var. <i>sontagiae</i> Nakai 꽃벚나무 (O, E)		○			
211. <i>P. sargentii</i> Rehder 산벚나무 (O, P, S)	○				○
212. <i>P. serrulata</i> var. <i>spontanea</i> (Max.) Wils. 벚나무 (O, E)	○	○			
213. <i>Rosa multiflora</i> Thunb. 찔레꽃 (M, E, P, S)	○	○	○	○	○
214. <i>Rubus crataegifolius</i> Bunge 산딸기 (M, E, P)	○	○	○	○	○
215. <i>R. coreanus</i> Miq. 복분자딸기 (M, E)	○	○	○	○	○
216. <i>R. parvifolius</i> L. 명석딸기 (M, E)	○	○	○	○	○
217. <i>R. oldhamii</i> Miq. 줄딸기 (E)	○	○	○	○	○
218. <i>Sanguisorba officinalis</i> L. 오이풀 (M, P)	○	○	○	○	○
219. <i>Sorbus alnifolia</i> (S. et Z.) K. Koch. 팔배나무 (E, P)	○	○	○	○	○
220. <i>Spiraea blumei</i> G. Don 산조팝나무 (O)	○	○	○	○	○
221. <i>S. prunifolia</i> for. <i>simpliciflora</i> Nakai 조팝나무 (M, E, O)	○	○	○	○	○
222. <i>Stephanandra incisa</i> Zabel 국수나무 (S)	○	○	○	○	○
<b>Family Leguminosae 콩과</b>					
223. <i>Albizia julibrissin</i> Durazz. 자귀나무 (M, P, O, S)	○	○			○
224. <i>Amorpha fruticosa</i> L. 족제비싸리 (P, S)	○	○	○		
225. <i>Amphicarpea edgeworthii</i> var. <i>trisperma</i> Ohwi 새콩 (E, P)	○	○	○	○	○
226. <i>Ceris chinensis</i> Bunge. 박태기나무 (O, P, S)	○	○			
227. <i>Desmodium oxyphyllum</i> DC. 도둑놈의갈고리 (U)	○	○	○	○	○
228. <i>Pueraria thunbergiana</i> Benth. 칩 (M, E, S, P)	○	○	○	○	○
229. <i>Glycine soja</i> S. et Z. 돌콩 (E, P)	○	○	○		○
230. <i>Indigofera kirilowii</i> Max. 땅비싸리 (O)	○	○	○	○	○
231. <i>Kummerowia striata</i> (Thunb.) Schindl. 매듭풀 (P)	○	○	○	○	○
232. <i>Lespedeza bicolor</i> TURCZ. 싸리 (O, P)	○	○	○	○	
233. <i>L. maximowiczii</i> Schneid. 조록싸리 (O, P, S)	○	○	○	○	○
234. <i>L. thunbergii</i> var. <i>intermedia</i> (Nak.) T. Lee 풀싸리 (O, P, S)	○	○	○		○
235. <i>L. cuneata</i> G. Don 비수리 (O, P)	○	○	○	○	○
236. <i>Maackia amurensis</i> Rupr. et Max. 다릅나무 (T)	○	○	○	○	○
237. <i>Robinia pusedo-acacia</i> L. 아까시나무 (T, E, P)	○	○	○	○	○

238. <i>Sophora flavescens</i> Ait. 고삼 (M, S)	○	○	○	○	○
239. <i>Trifolium pratense</i> L. 붉은토끼풀 (P)	○	○	○	○	○
240. <i>T. repens</i> L. 토끼풀 (P)	○	○	○	○	○
241. <i>Vicia amurensis</i> Oettingen 별완두 (E, P)	○	○	○	○	○
242. <i>V. venosa</i> var. <i>cuspidata</i> Max. 광릉갈퀴 (P)		○	○		
243. <i>V. unijuga</i> A. Br. 나비나물 (E, P, S)	○	○	○	○	○
244. <i>Wistaria floribunda</i> A.P. DC. 등 (O, P, S)	○	○			
<b>Order Geraniales 쥐손이풀목</b>					
<b>Family Geraniaceae 쥐손이풀과</b>					
245. <i>Geranium nepalense</i> subsp. <i>thunbergii</i> (S.etZ.) Hara 이질풀 (M, P)	○	○	○	○	○
246. <i>G. sibiricum</i> L. 쥐손이풀 (M, P)	○	○	○	○	○
<b>Family Rutaceae 운향과</b>					
247. <i>Dictamnus dasycarpus</i> Turcz. 백선 (M)	○	○	○		
248. <b>**Poncirus triflojata</b> Rafin. 탕자나무 (M, P)	○	○			
249. <i>Zanthoxylum piperitum</i> A.P.DC. 초피나무 (M, E)	○	○		○	○
250. <i>Z. schinifolium</i> S. et Z. 할 (E)	○	○			
<b>Family Simaroubaceae 할</b>					
251. <i>Picrasma quassioides</i> (D.Don) Benn. 소태나무 (M, F)	○	○	○	○	○
<b>Family Euphorbiaceae 대극과</b>					
252. <i>Euphorbia sieboldiana</i> Morr. et Decne. 개감수 (M, P)	○	○	○		○
253. <i>Securinega suffruticosa</i> Rehder 광대싸리 (O)	○	○	○	○	○
254. <i>Euphorbia supina</i> Rafin. 애기땅빈대 (U)	○	○	○	○	○
<b>Order Sapindales 할</b>					
<b>Family Buxaceae 할</b>					
255. <i>Buxus microphylla</i> var. <i>koreana</i> Nakai 회양목 (M, O)	○	○	○		
<b>Family Anacardiaceae 옷나무과</b>					
256. <i>Rhus chinensis</i> Mill. 붉나무 (S)	○	○	○	○	○
257. <i>R. trichocarpa</i> Miq. 개옷나무 (U)	○	○	○	○	○
258. <i>R. verniciflua</i> Stokes 옷나무 (M)	○	○	○		
<b>Family Celastraceae 노박덩굴과</b>					
259. <i>Celastrus orbiculatus</i> Thunb. 노박덩굴 (E, O, R, S)	○	○	○	○	○
260. <i>Euonymus alatus</i> (Thunb.) Sieb. 화살나무 (M, P, E)	○	○	○	○	○
261. <i>E. japonica</i> Thunb. 사철나무 (O)	○	○			○
262. <i>E. sieboldiana</i> Bl. 참빗살나무 (M, P)	○	○	○		○
263. <i>Tripterygium regelii</i> Sprague et Takeda 미역줄나무 (U)	○	○	○	○	○
<b>Family Staphyleaceae 고추나무과</b>					
264. <i>Staphylea bumalda</i> Dc. 고추나무 (E, S)	○	○	○	○	○
<b>Family Aceraceae 단풍나무과</b>					
265. <i>Acer ginnala</i> Max. 신나무 (P, S)	○	○	○	○	○

266. <i>Acer buergerianum</i> MIQ. 중국단풍 (O)	○	○	○		
267. <i>A. mono</i> Max. 고로쇠나무 (M, O, P)	○	○	○	○	○
268. <i>A. palmatum</i> Thunb. 단풍나무 (O, P, S)	○	○			
269. <i>A. pseudo-sieboldianum</i> (Paxton) Kom. 당단풍 (O)	○	○	○	○	
270. <i>A. truncatum</i> Bunge 만주고로쇠 (O)			○		
<b>Family Balaminaeae 봉선화과</b>					
271. <i>Impatiens textori</i> Miq. 물봉선 (M, S)	○	○	○	○	○
<b>Order Rhamnales 갈매나무목</b>					
<b>Family Vitaceae 포도과</b>					
272. <i>Ampelopsis brevipedunculata</i> var. <i>heterophylla</i> HARA 개머루 (U)	○	○	○	○	○
273. <i>Parthenocissus tricuspidata</i> (S.etZ.) Planch. 담쟁이덩굴 (O, P)	○	○	○	○	○
274. <i>Vitis thunbergii</i> var. <i>sinuata</i> (REGEL) REHDER 까마귀머루 (E, P)	○	○			
<b>Order Parietales 측막대좌목</b>					
<b>Family Actinidiaceae 다래나무과</b>					
275. <i>Actinidia arguta</i> Planch. 다래 (M, E)	○	○	○	○	○
276. <i>A. kolomikta</i> (Max. et Rupr.) 쥐다래 (E)	○	○	○	○	○
<b>Family Hypericaceae 물레나물과</b>					
277. <i>Hypericum ascyron</i> L. 물레나물 (E, O)	○	○	○		○
<b>Family Violaceae 제비꽃과</b>					
278. <i>Viola acuminata</i> Ledeb. 즐방제비꽃 (E)	○	○	○	○	○
279. <i>V. rossii</i> Hemsl. 고갈제비꽃 (M)	○	○	○		○
280. <i>V. dissecta</i> var. <i>chaerophylloides</i> (Regel) Makino 남산제비꽃 (U)	○	○	○	○	○
281. <i>V. mandshurica</i> W. Becker 제비꽃 (M, E, P, S)	○	○	○	○	○
282. <i>V. patrinii</i> DC. 흰제비꽃 (U)	○	○		○	
283. <i>V. variegata</i> Fisch. 알록제비꽃 (O, E)	○	○	○	○	○
<b>Order Myrtales 도금양목</b>					
<b>Family Elaeagnaceae 보리수나무과</b>					
284. <i>Elaeagnus umbellata</i> Thunb. 보리수나무 (E, P, S)	○	○			
<b>Family Lythraceae 부처꽃과</b>					
285. <i>Lagerstroemia indica</i> L. 배롱나무 (O, S)	○	○			
<b>Family Onagraceae 바늘꽃과</b>					
286. <i>Oenothera odorata</i> Jacq. 달맞이꽃 (O, P)	○	○	○	○	○
<b>Family Alangiaceae 박취나무과</b>					
287. <i>Alangium platanifolium</i> var. <i>macrophyllum</i> WANGER 박취나무 (E, P, S)	○	○	○	○	○
<b>Order Umbellales 산형화목</b>					
<b>Family Umbelliferae 산형과</b>					
288. <i>Angelica decursiva</i> (Miq.) Fr. et Sav. 바디나물 (M, E)	○	○	○		○
289. <i>A. gigas</i> Nakai 참당귀 (M, E, S)	○	○	○	○	○
290. <i>Ostericum grosseserrata</i> (Max.) Kitagawa 신감채 (P)			○		

291. <i>Peucedanum terebinthaceum</i> Fisch. 기름나무 (E)	○	○	○	○	○
292. <i>Pimpinella brachycarpa</i> (Kom.) Nakai 참나무 (E, P)	○	○	○		○
<b>Family Cornaceae 층층나무과</b>					
293. <i>Cornus kousa</i> Buerg. 산딸나무 (E)	○	○			
294. <i>C. officinalis</i> S. et Z. 산수유 (M, O)	○	○	○	○	○
<b>Order Ericales 진달래목</b>					
<b>Family Ericaceae 진달래과</b>					
295. <i>Rhododendron mucronulatum</i> Turcz. 진달래 (O, E)	○	○	○	○	○
296. <i>R. schlippenbachii</i> Max. 철쭉꽃 (O)	○	○	○	○	○
297. <i>R. yedoense</i> var. <i>poukhanense</i> (Lev.) Nakai 산철쭉 (O)	○	○	○	○	○
298. <i>Vaccinium oldhami</i> Miq 정금나무 (E)	○	○			
<b>Order Primulales 앵초목</b>					
<b>Family Primulaceae 앵초과</b>					
299. <i>Lysimachia clethroides</i> Duby 큰까치수영 (E, P)	○	○	○		
300. <i>L. barystachys</i> BUNGE 까치수영 (E)	○	○	○	○	○
301. <i>Androsace umbellata</i> (Lour.) Merr. 봄맞이 (U)		○			
<b>Order Ebenales 감나무목</b>					
<b>Family Ebenaceae 감나무과</b>					
302. <i>Diospyros lotus</i> L. 고욤나무 (M, E, S)	○	○		○	
303. <i>D. kaki</i> THUNB. 감나무 (M, E)	○	○			
<b>Family Pyrolaceae 노루발과</b>					
304. <i>**Pyrola japonica</i> KLENZE 노루발 (M)	○	○	○	○	○
<b>Family Symplocaceae 노린재나무과</b>					
305. <i>Symplocos chinensis</i> for. <i>pilosa</i> (Nak.) Ohwi 노린재나무 (P)	○	○	○	○	○
306. <i>S. prunifolia</i> S. et Z. 검은재나무 (U)	○	○			
<b>Family Styracaceae 때죽나무과</b>					
307. <i>Styrax japonica</i> S. et Z. 때죽나무 (O, P, S)	○	○			
308. <i>S. obassia</i> S. et Z. 쪽동배나무 (O, P, S)	○	○	○	○	○
<b>Order Gentianales 용담목</b>					
<b>Family Oleaceae 물푸레나무과</b>					
309. <i>*Forsythia koreana</i> Nakai 개나리 (O, M, S)	○	○	○	○	○
310. <i>Fraxinus rhynchophylla</i> Hance 물푸레나무 (S)	○	○	○	○	○
311. <i>F. sieboldiana</i> Bl. 쇠물푸레 (M)	○	○			
312. <i>F. mandshurica</i> Rupr. 들메나무 (T, P)	○	○	○		
313. <i>Ligustrum obtusifolium</i> S. et Z. 쥐똥나무 (M)	○	○	○	○	
<b>Order Tubiflorales 통화식물목</b>					
<b>Family Verbenaceae 꿀풀과</b>					
314. <i>Callicarpa japonica</i> Thunb. 작살나무 (O)	○	○		○	
315. <i>Clerodendron trichotomum</i> Thunb. 누리장나무 (M, E, P)	○	○		○	○



**Family Labiatae 꿀풀과**

316. <i>Ajuga decumbens</i> Thunb. 금창초 (M)	○	○		○	○
317. <i>A. multiflora</i> Bunge 조개나물 (M, S)	○	○	○		
318. <i>Clinopodium chinense</i> var. <i>parviflorum</i> (Kudo) Hara 층층이꽃 (E)	○	○	○	○	○
319. <i>Elsholtzia splendens</i> Nakai 꽃향유 (M)	○	○			○
320. <i>Isodon inflexus</i> (Thunb.) Kudo 산박하 (E)	○	○	○	○	○
321. <i>I. japonicus</i> (Burm.) Hara 방아풀 (E)	○	○	○		
322. <i>Lamium album</i> var. <i>barbatum</i> (S. et Z.) Fr.etSav. 광대수염 (E, P)	○	○	○	○	○
323. <i>L. amplexicaule</i> L. 광대나물 (E, S)	○	○	○	○	
324. <i>Leonurus sibiricus</i> L. 익모초 (M)	○	○	○	○	○
325. <i>Meehania urticifolia</i> (Miq.) Makino 벌개덩굴 (E, P, S)	○	○	○	○	○
326. <i>Mosla dianthera</i> Max. 쥐깨풀 (M, E)			○	○	○
327. <i>M. punctulata</i> (Gmel.) Nakai 들깨풀 (M, S)	○	○	○		○
328. <i>Prunella vulgaris</i> var. <i>lilacina</i> Nakai 꿀풀 (M, E, S)	○	○	○	○	○
329. <i>Stachys riederi</i> var. <i>japonica</i> Miq. 석잠풀 (P, S)	○	○	○		○
330. <i>Scutellaria indica</i> L. 골무꽃 (U)	○	○			○
331. <i>S. pekinensis</i> var. <i>transitra</i> Hara 산골무꽃 (U)	○	○	○	○	○

**Family Solanaceae 가지과**

332. <i>Solanum nigrum</i> L. 까마중 (M, E, P, S)	○	○	○	○	○
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**Family Acanthaceae 쥐꼬리망초과**

333. <i>Justicia procumbens</i> L. 쥐꼬리망초 (U)	○	○	○		○
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**Family Phrymaceae 파리풀과**

334. <i>Phryma leptostachya</i> var. <i>asiatica</i> Hara 파리풀 (M)	○	○	○	○	○
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**Order Plantaginales 질경이목**

**Family Plantaginaceae 질경이과**

335. <i>Plantago asiatica</i> L. 질경이 (M, E, P)	○	○	○	○	○
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**Order Rubiales 쪽두서니목**

**Family Rubiaceae 쪽두서니과**

336. <i>Asperula odorata</i> L. 선갈퀴 (U)			○	○	○
337. <i>Galium trachyspermum</i> A. Gray 네잎갈퀴 (U)	○	○	○		○
338. <i>G. spurium</i> L. 갈퀴덩굴 (M, E)	○	○	○	○	○
339. <i>G. verum</i> var. <i>asiaticum</i> Nakai 솔나물 (P, S)	○	○	○	○	○
340. <i>Paederia scandens</i> (Lour.) Merr. 계요등 (M, S)	○	○			○
341. <i>Rubia akane</i> Nakai 쪽두서니 (M, P)	○	○	○	○	○

**Family Caprifoliaceae 인동과**

342. <i>Lonicera harai</i> Makino 길마자나무 (U)			○	○	
343. <i>L. japonica</i> THUNB. 인동 (M, P, S)	○	○	○	○	○
344. <i>L. maackii</i> MAX. 괴불나무 (E)	○	○	○		
345. <i>Sambucus williamsii</i> var. <i>coreana</i> Nakai 딱총나무 (M, E, P, S)	○	○	○	○	

346. <i>Viburnum dilatatum</i> THUNB. 가막살나무 (E)	○	○	○		
347. <i>V. wrightii</i> Miq. 산가막살나무 (O)	○	○	○		
348. * <i>Weigela subsessilis</i> L. H. Bailey 병꽃나무 (O, P)	○	○	○	○	○
<b>Family Valerianaceae 마타리과</b>					
349. <i>Patrinia villosa</i> (Thunb.) Juss. 뚝갈 (E)	○	○	○	○	○
<b>Order Campanulales 초롱꽃목</b>					
<b>Family Campanulaceae 초롱꽃과</b>					
350. <i>Adenophora triphylla</i> var. <i>japonica</i> Hara 잔대 (M)	○	○	○	○	○
351. <i>Codonopsis lanceolata</i> (S. et Z.) Trautv. 더덕 (M, E, P)	○	○	○	○	○
352. <i>Platycodon grandiflorum</i> (Jacq.) A. DC. 도라지 (M, E, O)	○	○	○	○	○
<b>Family Compositae 국화과</b>					
353. <i>Ainsliaea acerifolia</i> Sch.-Bip. 단풍취	○	○	○	○	○
354. <i>Artemisia keiskeana</i> Miq. 맑은대쭉 (M, E, P)	○	○	○	○	○
355. <i>A. capillaris</i> Thunb. 사철쭉 (E, P)	○	○	○	○	○
356. <i>A. iwayomogi</i> Kitamura 더위지기 (M, P)	○	○	○	○	○
357. <i>A. lavandulaefolia</i> DC. 할 (P)			○		
358. <i>A. montana</i> Pampan. 할 (P)	○	○	○	○	○
359. <i>A. princeps</i> var. <i>orientalis</i> (Pampan.) Hara 쭉 (E, S)	○	○	○	○	○
360. <i>A. stolonifera</i> (Max.) Kom. 넓은잎외잎쭉 (E, P)	○	○	○	○	○
361. <i>Aster scaber</i> Thunb. 참취 (E, P, S)	○	○	○	○	○
362. <i>A. incisus</i> Fisch. 가새쭉부장이 (U)	○	○	○	○	○
363. <i>A. pekinensis</i> (HANCE) CHEN 가는쭉부쟁이 (E)		○	○		
364. <i>A. tataricus</i> L. 개미취 (M, E, P, S)	○	○	○	○	○
365. <i>A. yomena</i> Makino 쭉부쟁이 (E)	○	○	○	○	○
366. <i>Atractylodes japonica</i> Koidz. 삼주 (M, E, P)	○	○	○	○	○
367. <i>Bidens bipinnata</i> L. 도깨비바늘 (M, E, P, S)	○	○	○		
368. <i>Carpsium abrotanoides</i> L. 담배풀 (M)	○	○	○	○	○
369. <i>Cephalonoplos segetum</i> (Bunge) Kitamura 조뱅이 (M, E, P, S)	○	○	○	○	○
370. <i>Chrysanthemum boreale</i> Makino 산국 (M, P)	○	○	○	○	○
371. <i>C. zawadskii</i> var. <i>latilobum</i> Kitamura. 구절초 (M, P)	○	○	○	○	○
372. <i>Cirsium japonicum</i> var. <i>ussuriense</i> Kitamura 엉겅퀴 (M, E, P, S)	○	○	○		○
373. <i>Erigeron annuus</i> (L.) Pers. 개망초 (E, S)	○	○	○	○	○
374. <i>E. canadensis</i> L. 망초 (E, S)	○	○	○	○	○
375. <i>Gnaphalium affine</i> D. Don 떡쭉 (M, E)	○	○	○		○
376. <i>Ixeris chinensis</i> var. <i>strigosa</i> (Lev. et Vnt.) Ohwi 선쭉바귀 (E)	○	○	○	○	○
377. <i>I. dentata</i> (Thunb.) Nakai 쭉바귀 (E, S)	○	○	○		
378. <i>Hemistepta lyrata</i> Bunge 지칭개 (E, P, S)	○	○	○		○
379. <i>Eupatorium chinense</i> var. <i>simplicifolium</i> Kitamura 등골나물 (E, P)	○	○	○	○	○
380. <i>Lactuca indica</i> var. <i>laciniata</i> (O. Kuntze) Hara 왕고들빼기 (E, S)	○	○	○	○	○

381. <i>Leibnitzia anandria</i> (L.) Nakai 솜나물 (E)	○	○	○	○	○
382. <i>Petasites japonicus</i> (S. et Z.) Max. 머위 (E, M, S)	○	○	○	○	○
383. <i>Senecio integrifolius</i> var. <i>spathulatus</i> (Miq.) Hara 솜방망이 (E, M)	○	○	○	○	○
384. <i>Syneilesis palmata</i> (Thunb.) Max. 우산나물 (E)	○	○	○	○	○
385. <i>Taraxacum mongolicum</i> H. Dahlst 민들레 (E, M)	○	○	○	○	○
386. <i>T. coreanum</i> Nakai 흰민들레 (E, M)	○	○	○	○	○
387. <i>Youngia denticulata</i> Kitamura 이고들빼기 (E)	○	○	○	○	
388. <i>Y. japonica</i> (L.) DC. 뿌리뱅이 (E)	○	○		○	○
389. <i>Y. sonchifolia</i> Max. 고들빼기 (E)	○	○	○	○	○

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(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

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