South Korea (Republic of Korea)

Total no. of Botanic Gardens recorded in South Korea: 11 (plus several other significant garden collections).
Approx. no. of living plant accessions recorded in these botanic gardens: c.25,000
Approx. no. of taxa in these collections: 10,000 (5,000 spp.)
Estimated % of pre-CBD collections: 90%

Notes: In 1991, 9,481 taxa were recorded in cultivation in Korean botanic gardens and arboreta, representing 4,793 species, 735 varieties and 3,953 infraspecific taxa. In 1993, 683 genera, 1,449 species and 381 varieties of Korean plants were recorded in cultivation in Korean, representing 50% of the total species in the flora of the Korean peninsula. (Yong-Shik Kim (1993).

Location: ANSUNG-GUN
Founded: 1969
Garden Name: Milim Botanic Garden
Address: 176, Sanjung-Ri, Yansun-Myun, ANSUNG-GUN, Kyunggi-Do, 456-930.
Status: Private
Herbarium: Unknown
Ex situ Collections:
Fruit trees, endemic plants. Acer, Ilex, Berberis, Carpinus, Buxus, Weigelia, Euonymus, Cornu, Chamaecyparis, Juniperus, Thuja, Diospyros, Rhododendron, Pieris, Hydranga, Liriope, Magnolia, Hibiscus, Syringa, Paeonia, Picea, Pinus, Phlox, Zizyphus, Chaenomeles, Malus, Prunus, Pyrus, Rosa, Cryptomeria, Camellia, Ulmus.
No. of taxa: c.700
Rare & Endangered plants: Some threatened woody plants.

Location: CHEJU-DO
Founded: 1985
Garden Name: Cheju Fantasy Garden
Address: 2920, Saekdal-Dong, Sogwipo-City, CHEJU-DO 647-130
Status: Private.
Herbarium: Unknown
Ex situ Collections:
Tropical plants, Japanese plants, native plants of Korea. Acanthaceae, Acer, Agave, Cordyline, Yucca, Annona, Pachypodium, Ilex, Araceae, Araliaceae, Asteraceae, Balsaminaceae (Impatiens), Begonia, Bromeliaceae, Caprifoliaceae (Viburnum), Euonymus, Crassulaceae,Cucurbitaceae, Cupressaceae, Cycadaceae, Dioscoreaceae, Eleagnaceae, Ericaceae, Euphorbiaceae, Fabaceae, Hydrangea, Lauraceae, Liliaceae (Aloe, Dracaena, Allium, Asparagus, Cordyline, Gasteria, Haworthia, Sansevieria,), Magnolia, Hibiscus, Marantaceae, Ficus, Musa, Bougainvillea, Nymphaea, Oleaceae, Opuntiaceae, Orchidaceae, Palmae, Pandanus, Pinus, Peperomia, Pittosporum, Platycerium, Pteris, Primula, Cyclamen, Potentilla, Prunus, Rubus, Ixora, Citrus (12 taxa), Zanthoxylum, Camellia, Daphne, Pilea, Viola, Cissus.
No. of taxa: 1,614
Rare & Endangered plants: Yes.

Location: CHUNGNAM
Founded: 1979
Garden Name: Chollipo Arboretum
Address: Uihang-Ri, Showon Myun, Taean-Gun, CHUNGNAM, 352-900.
Status: Private.
Herbarium: Yes Approx. no. of herbarium specimens: 1,000
Ex situ Collections:
Ornamental woody plants, especially Ilex (over 400 taxa), Acer (+100 taxa), Actinidia, Magnolia (+190 taxa), Berberis, Stewartia, Lauraceae, conifers, Mahonia, Tilia, aquatics, Lycoris, Narcissus, Cotinus, Rhus, Acanthopanax, Hedera, Asarum, Aster, Senecio, Berberis, Epimedium, Mahonia, Alnus, Betula, Carpinus, Corylus, Catalpa, Buxus, Sarcococca, Chimonanthus, Abelia, Leycesteria, Lonicera, Sambucus, Symphoricarpos, Viburnum, Lychnis, Celastrus, Euonymus, Cephalotaxus, Clethra, Tradescantia, Cornus, Crassulaceae, Chamaecyparis, Cupressus, Kalmia, Pieris, Rhododendron, Vaccinium, Escallonia, Genista, Caragana, Cercis, Cytisus, Juniperus, Thuja,

Widdringtonia, X Cupressocyparis leylandii cvs, Wisteria, Laburnum, Robinia, Quercus, Geranium, Ginkgo biloba (5 cvs), Corylopsis, Hamamelis, Liquidambar, Aesculus, Deutzia, Hydrangea, Philadelphus, Hypericum, Crocus, Iris, Itea, Illicium, Juglans, Pterocarya, Salvia, Laurus, Machilus, Persea, Elaeagnus, Diospyros, Arctostaphylos, Calluna, Enkianthus, Erica, Gaultheria, Allium, Hemerocallis, Hosta, Fritillaria, Lilium, Ruscus, Trillium, Tulipa, Buddleja, Lagerstroemia, Hibiscus, Broussonetia, Morus, Myrica, Ardisia, Callistemon, Nyssa, Forsythia, Fraxinus, Jasminum, Ligustrum, Osmanthus, Syringa, Phillyrea, Echinocactus, Opuntia, Orchidaceae, Paeonia, Abies, Cedrus, Picea, Pinus, Tsuga, Pseudotsuga, Pittosporum, Arundinaria, Miscanthus, Podocarpus, Punica granatum cvs, Clematis, Helleborus, Rhamnus, Amelanchier, Chaenomeles, Cotoneaster, Crataegus, Exochorda, Malus, Potentilla, Photinia, Prunus, Physocarpus, Pyracantha, Pyrus, Raphiolepis, Rosa, Rubus, Sorbaria, Sorbus, Spiraea, Gardenia, Euodia, Zanthoxylum, Meliosma, Populus, Salix, Koelreuteria, Ribes, Stachyurus, Styrax, Tamarix, Taxus, Torreya, Cryptomeria, Camellia, Daphne, Tilia.
No. of taxa: 4,497
Rare & Endangered plants: Yes, many thresatened woody plants from temperate regions of the world.

Location: GYEONGGI DO
Founded: Unknown
Garden Name: Homyong Alpine Garden
Address: Gapyong Eup, Gapyong Gun, GYEONGGI DO.
Status: Unknown
Herbarium: No
Ex situ Collections:
Native alpine plants
No. of taxa: Unknown
Rare & Endangered plants: Unknown

Location: PUSAN
Founded: 1966
Garden Name: Kumkang Botanic Garden
Address: San 43-1, Changjon 2-Dong, Tongnaegu, PUSAN.
Status: Unknown
Herbarium : No
Ex situ Collections:
Bamboo, palms, cacti, and exotic tropical plants,
No. of taxa: 2,300
Rare & Endangered plants: Unknown.

Location: SEOUL
Founded: 1987
Garden Name: Korean National Kwang-Nung Arboretum
Address: Forest Research Institute, 207 Chongnyangni-Dong, Tongdaemun-ku, SEOUL.
Status: State
Herbarium: Yes Approx. no. of herbarium specimens: 931
Ex situ Collections:
4,594 Korean native plants. Conifers, deciduous and evergreen trees and shrubs, aquatics, bog plants, climbers, herbs, ornamentals, alpines, medicinal plants. Fossil plant collection. Acer (61 taxa), Rhus ((9 spp.), Ilex (52 taxa), Araliaceae, Aspidaceae (Dryopteris 13 spp.), Asteraceae (Artemisia 16 taxa, Saussurea 11 spp.), Berberidaceae (Berberis 13 taxa), Betulaceae (Alnus 13 taxa, Betula 16 taxa, Carpinus 9 taxa, Corylus 4 taxa), Brassicaceae (Cardamine 10 taxa), Campanulaceae, Caprifoliaceae (Lonicera 20 taxa, Sambucus 8 taxa, Viburnum 33 taxa), Casuarina, Celastraceae (Euonymus 23 taxa), Cornaceae, Cupressaceae (Chamaecyparis, Juniperus 52 taxa, Thuja, Cyperaceae, Dioscorea, Ericaceae, Euphorbiaceae, Fabaceae, Fagaceae (Quercus 33 taxa), Hydrangeaceae, Hypericum, Liliaceae (Allium, Hosta, Lilium), Magnoliaceae (Magnolia 24 taxa), Malvaceae (Hibiscus syriacus cvs), Moraceae, Myrtaceae (Callistremon), Oleaceae (Fraxinus, Ligustrum, Syringa), Orchidaceae, Pinaceae (Abies, Larix, Picea, Pinus), Poaceae (Arundinaria 13 taxa, Phyllostachys 14 taxa), Polygonaceae (Persicaria, Rumex), Potamogetonaceae, Ranunculaceae (Aconitum, Anemone, Clematis, Ranunculus, Thalictrum), Rhamnaceae, Rosaceae (Chaenomeles, Cotoneaster, Crataegus, Malus, Potentilla, Prunus (61 taxa), Pyrus (17 taxa), Rosa, Rubus, Sorbus, Spiraea), Rubiaceae, Rutaceae, Salicaceae (Populus, Salix 66 taxa), Saxifragaceae, Scrophulariaceae, Taxodiaceae

(Cryptomeria japonica cvs), Theaceae (Camellia), Thymeleaceae (Daphne 7 taxa), Tiliaceae (Tilia), Ulmaceae (Celtis, Ulmus 13 taxa), Violaceae (Viola 16 spp.).
No. of taxa: 4,594 (302 taxa collected since 1990).
Rare & Endangered plants: 198 rare and endangered Korean plants, including 104 Korean endemics.

Location: KWACHUN – CITY
Founded: Unknown
Garden Name: Seoul Grand Park
Address: 15-1, MakGyu-Dong, KWACHUN – CITY, Kyunggii-Do, 427-080
Status: Municipal
Herbarium: Unknown
Ex situ Collections:
Tropical and subtropical plants, cacti and other succulents, ferns. Agave, Dracaena, Cordyline, Lithops, Crinum, Pachypodium, Ilex, Philodendron, Fatsia, Araucaria, Senecio, bromeliads, Crassulaceae, Euphorbiaceae, Lauraceae (Lindera, Cinnamomum, Machilus), Aloe, Haworthi, Magnolia, Marantaceae, Ficus, Astrophyllum, Cereus, Echinocactus, Echinopsis, Ferocactus, Gymnocalycium, Lobivia, Mammillaria, Notocactus, Opuntia, Orchidaceae, Palmae.
No. of taxa: 931
Rare & Endangered plants: Unknown

Location: SUWEON
Founded: 1967
Garden Name: Kwanak Arboretum
Address: College of Agriculture, Seoul National University, 103 Seodun-dong SUWEON, Kyonggi do, 441-744.
Situated: San 16-1, Anyang 2 dong, Anyang City, Kyeonggi-do.
Status: University
Herbarium : Yes Approx. no. of herbarium specimens: 70,000
Ex situ Collections:
Native woody plants and perennials of botanical interests. Endemics. Callicarpa, Clerodendron, Deutsia, Forsythia, Philadelphus, Prunus, Rhododendron, Rosa, Spiraea, Vitex, Weigelia, Abies, Chamaecyparis, Juniperus, Larix, Picea, Pinus, Taxodium, Taxus, Thuja, Acer (21 taxa), Cornus, Phellodendron, Pterocarya, Quercus, Crataegus, Chaenomeles, Deutsia, Kerria, Eucommia, Morus, Wisteria, Rhus. Fruit trees such as Castanea crenata, Diospyros kaki, D. lotus, Juglans sinensis, Prunus armeniaca var. ansu, Pyrus, Zizyphus jujuba, Iris germanica cvs., etc.
No. of taxa: 1,700 (83 families and 201 genera)
Rare & Endangered plants: 36 native rare and endangered spp., such as Abeliophyllum distichum, Abies koreana, Acanthopanax chisanense, Aceriphyllum acanthifolium, Albizzia coreana, Berchemia berchemiaefolia, Echinosophora koreensis, Forsythia saxatilis, Tilia megaphylla, etc.
Satellite Gardens: Suweon Arboretum. This arboretum has collections of Acer, Rhus, Ilex, Alnus, Betula, Lonicera, Sambucus, Viburnum, Weigelia, Euonymus, Cornus, Chamaecyparis, Juniperus, Diospyros, Elaegnus, Rhododendron, Amorpha, Lespedeza, Quercus, Deutsia, Philadelphus, Juglans, Magnolia, Forsythia, Fraxinus, Ligustrum, Syringa, Abies, Larix, Picea, Pinus, Rhamnus, Berchemia, Chaenomeles, Malus, Prunus, Pyrus, Spiraea, Zanthoxylum, Ribes, Styrax, Lycium,, Celtis and Vitex.

Location: YONGIN-GUN
Founded: 1976
Garden Name: Yong-In Farm Land
Address: 310, Jeundai-Ri, Pokog-Myun, YONGIN-GUN, Kyunggi-Do, 499-810.
Status: Private.
Herbarium: Unknown
Ex situ Collections:
Paeonia, medicinal plants, aromatic plants, Hibiscus, native plants, exotics. Acer, Actinidia, Angelica, Begonia, Bromeliaceae, Weigelia, Cornus, Juniperus, Rhododendron, Castanea, Quercus, Ginkgo, Hydranga, Phladephus, Juglans, Iris, Magnolia, Hibiscus, Ficus, Nymphaea, Syringa, Orchidaceae, Paeonia, Pinus, Chaenomeles, Malus, Prunus, Rosa, Sorbus.
No. of taxa: +1,200
Rare & Endangered plants: Some threatened woody plants.

Location: YONGIN-GUN

Founded: 1987
Garden Name: Hantaek Botanic Garden
Address: San 153, Oksan-Ri, Owisa-Myun, YONGIN-GUN, Kyunggi-Do, 499-860.
Status: Private.
Herbarium: Unknown
Ex situ Collections:
Conifers, endemics. Acer, Arisaema, Aster, Berberis, Adenophora, Viburnum, Lonicera, Sedum, Juniperus, Thuja, Rhododendron, Quercus, Corydalis, Gentiana, Geranium, Iris, Hosta, Lilium, Orchidaceae, Paeonia, Picea, Aconitum, Thalictrum, Prunus, Viola.
No. of taxa: c.700
Rare & Endangered plants: Yes.

Location: YOUNGILL-GUN
Founded: 1969
Garden Name: Kee-chung-san Botanic Garden
Address: 9 Dukjung-Ri, Chungha-Myun, YOUNGILL-GUN, Gyungbuk-Do, 795-920.
Status: Private.
Herbarium: Unknown
Ex situ Collections:
Endemic plants. Acer, Euonymus, Cornus, Quercus, Magnolia, Fraxinus, Ligustrum, Pinus, Malus, Prunus, Populus.
No. of taxa: c.300
Rare & Endangered plants: Some threatened woody plants.

The National Forestry Research Institute maintains a number of arboreta. No details of their collections are available.

- Hong-nung Arboretum, (contains 2,035 spp)
- Chin-hae Forestry Experimental Station Arboretum
- Ching-ju Forestry Experimenal Station and Arboretum.

Other botanic gardens are:

- Gho-San Botanic Garden. No details available.
- Dong-Rae, Geum-Gang Botanic Garden. No details available.
- Ghi-Phi Botanic Garden. No details available.

Key references:

Kim, Yong-Shik, Kim Tae-Wook, Lee, Yoo-Mi and Park, Kwang-Woo (1993). Conservation of rare and endangered plant species in Korean botanic gardens. *Proceedings of the XI International Association of Botanic Gardens Conference, Wuxi, China.* China Agricultural Press, Beijing.

K.A.B.G., (1991). *A comprehensive bibliography of botanical gardens in Korea*. Korean Association of Botanical Gardens, Soeul, Korea.