

Ireland

Total no. of Botanic Gardens recorded in the Republic of Ireland: 10.
Approx. no. of living plant accessions recorded in these botanic gardens: 50,000 to 60,000.
Approx. no. of taxa in these collections: 25,000 to 30,000 (c.10,000 to 15,000 spp.).
Estimated % of pre-CBD collections: 90%

Location: ASHFORD

Founded: 1860

Garden Name: Mount Usher Gardens

Address: ASHFORD, Co. Wicklow.

Status: Private.

Herbarium: Yes Approx. no. of herbarium specimens: 140

Ex situ Collections:

10,000 accessions representing 3,000 spp. and 500 genera. Nothofagus, Cupressus, Eucalyptus, Eucryphia, Sorbus.

No. of taxa: 5,000

Rare & Endangered plants: Yes, particularly specimens of rare species of the following genera - Quercus, Franklinia, Eucalyptus, Nothofagus, Eucryphia.

Location: BIRR

Founded: Unknown

Garden Name: Birr Castle Demesne

Address: Rosse Row, BIRR, Co. Offaly.

Status: Private.

Herbarium: No.

Ex situ Collections:

Temperate woody trees and shrubs (4,225 accessions). The Garden has a very rich and historic collection of plants from China and southern South America. Magnoliaceae, Pinaceae, Ericaceae, Theaceae, Paeoniaceae, Wisteria, Camellia, Rhododendron.

No. of taxa: 2,500

Rare & Endangered plants: Several threatened plants are grown, particularly from China. Rare plants such as *Carrierea calycina*, *Decumaria sinensis*, *Ehretia dicksonii*, *Sycopsis sinensis*, *Tilia caucasica*, *T. chingiana* and *T. henryana*.

Location: CARRICK ON SUIR

Founded: Unknown

Garden Name: Castletown Estate

Address: Castletown House, Carrick on Suir, Co. Kilkenny.

Status: Private.

Herbarium: Unknown

Ex situ Collections:

Temperate trees and shrubs

No. of taxa: Unknown.

Location: CARRIGTWOHILL

Founded: 1820

Garden Name: Fota Arboretum and Gardens

Address: CARRIGTWOHILL, Co. Cork.

Status: University

Herbarium: No.

Ex situ Collections:

Temperate trees and shrubs (1,200 plants representing 900 taxa, 485 spp. and 350 genera). Agavaceae, Palmae, Pinaceae, Platanaceae, Taxaceae, Taxodiaceae, Myrtaceae, Cedrus, Cinnamomum, Gevuina, Liriodendron, Magnolia, Metasequoia, Phoenix, Sequoia, Sequoiadendron and Torreya.

No. of taxa: 900

Rare & Endangered plants: Several species from China, Australasia and temperate South America.

Location: CHURCHILL

Founded: Unknown

Garden Name: Glenveagh Castle Garden

Address: Churchill, Co. Donegal.

Status: State

Herbarium: No.

Ex situ Collections:

Trees and shrubs (2,500 plants, representing 1,350 accessions, 1,100 taxa, 800 spp. and 700 genera). Ericaceae, large collection of Rhododendron, Andromeda, Pieris, Nothofagus, Podocarpus, Geranium, Escallonia, Euphorbia, Eucryphia, Olearia, conifers (55 spp.).

No. of taxa: 1,100.

Rare & Endangered plants: Yes

Special Conservation Collections: Pieris, conifers, Fitzroya, Andromeda.

Location: DUBLIN

Founded: 1795

Garden Name: National Botanic Gardens

Address: Glasnevin, DUBLIN 9.

Status: State

Herbarium: Yes Approx. no. of herbarium specimens: 450,000

Ex situ Collections:

Ericaceae, Saxifragaceae, Cupressaceae, Rosaceae, Pinaceae, Zamiaceae, Aquifoliaceae, Orchidaceae, Geraniaceae, Liliaceae, Taxaceae. Rhododendron, Garrya, Paeonia, Acer, Ilex, Pinus, Begonia, Pelargonium, Salix, Crinum, Arbutus, Potentilla, Quercus.

No. of taxa: 20,000

Rare & Endangered plants: A range of threatened plants are maintained in the outdoor and greenhouse collections, including cycads, orchids, native Irish plants and miscellaneous other species listed in the IUCN Red Data Book.

Special Conservation Collections: conifers (144 plant), Garrya (22 accessions), Potentilla (50 accessions), Encephalartos (20 accessions).

- Dúchas, the Irish Government's Heritage Service manages and maintains other major Gardens in addition to the National Botanic Gardens. One such Garden is the Muckcross Gardens in Killarney, Co. Kerry which has an extensive collection of woody trees and shrubs.
- A Millennium Arboretum was planted in 1988 at St Anne's Park, Raheny, north DUBLIN city, to celebrate 1,000 years since the foundation of the city. It includes 1,000 accessions. It is managed by Dublin City Corporation.

Location: DUBLIN

Founded: 1687

Garden Name: Trinity College Botanic Garden

Address: University of Dublin, Palmerston Park, Dartry, DUBLIN 6.

Status: University

Herbarium: Yes Approx. no. of herbarium specimens: 225,000

Ex situ Collections:

Trees, shrubs and herbaceous plants, bulbs, alpines, greenhouse collection of tropical and subtropical ornamentals, economic plants, cacti and other succulents, orchids, ferns (including tree ferns), cycads, Begonia, Pelargonium, a large collection of wild origin native plants, including trees, shrubs and herbaceous perennials. Special collections of the genera Saxifraga, Sedum, Sempervivum, Cyperus, Carex. A diverse collection of plants used for university teaching and research purposes.

No. of taxa: 5,000

Rare & Endangered plants: Yes, including special conservation collections from the following regions - Azores, Mauritius, Pitcairn Islands, threatened Irish species.

Location: DUBLIN

Founded: Unknown

Garden Name: Zoological Society of Ireland

Address: Phoenix Park, DUBLIN 8.

Status: Educational establishment

Herbarium: No.

Ex situ Collections:

Temperate woody trees and shrubs. Hardy ornamentals.

No. of taxa: c.600.

Rare & Endangered plants: Several species listed in the IUCN Red Data Book.

Location: MALAHIDE

Founded: 1948

Garden Name: Talbot Botanic Garden.

Address: Malahide Castle, MALAHIDE, Co. Dublin.

Status: Municipal

Herbarium: No.

Ex situ Collections:

Australasian trees and shrubs. Olearia, Ceanothus, Escallonia, Hebe, Syringa, Viburnum, Hypericum, Clematis, Euphorbia, Hosta, Crocosmia, Rosa, Acacia, Cassia, Clianthis, Callistemon, Eriobotrya, Aristotelia, Astelia, Athrotaxis, Cassinia, Coprosma, Eucalyptus and Hoheria.

No. of taxa: Unknown.

Rare & Endangered plants: Paeonia cambessedesii, Helleborus lividus, Olearia spp.

Location: NEW ROSS

Founded: 1968

Garden Name: The John F. Kennedy Arboretum

Address: New Ross, Co Wexford.

Status: State

Herbarium: No.

Ex situ Collections:

Trees and shrubs (7,800 plants, representing 6,500 accessions, 4,500 taxa, 2,200 species and 330 genera). Provenance display, 8 ha. 7 species, 226 provs. IUFRO Seed Source. Aceraceae, Aquifoliaceae, Berberidaceae, Betulaceae, Cupressaceae, Ericaceae, Fagaceae, Gramineae, Myrtaceae, Oleaceae, Pinaceae, Rosaceae, Tiliaceae. Abies, Acer, azaleas, Berberis, Betula, Chamaecyparis, Cupressus, Eucalyptus, Fagus, Fraxinus, Ilex, Picea, Pinus, Prunus, Quercus, Rhododendron, Sorbus, Tilia.

No. of taxa: 4,500

Rare & Endangered plants: A number of threatened plants are grown, from temperate Europe, North America, Asia, Australasia and South America.

Special Conservation Collections: A native tree collection is being established, covering 0.4 ha. A native woodland collection is also being planted at higher elevations.

Key reference:

Cubey, R. and Rae, D., (compilers.), 1999. *PlantNet: PlantNet Directory of Botanical Collections in Britain and Ireland*. The Plant Collections Network of Britain and Ireland, Cambridge, U.K.