

Brazil

Total no. of Botanic Gardens recorded in Brazil: 29 (+ several of uncertain status).

Approx. no. of living plant accessions recorded in these botanic gardens: c.50,000

Approx. no. of taxa in these collections: c.7,000.

Estimated % of pre-CBD collections: Perhaps 75%.

Location: BAURU

Founded: 1994

Garden Name: Jardim Botânico de Bauru

Address: Secretaria Municipal do Meio Ambiente, Praça das Cerejeiras, 1-59, 1 andar, sala 09, 17.040-900 BAURU, SP.

Status: Municipal

Herbarium: No.

Ex situ Collections:

Orchids, bromeliads, palms, medicinal plants, regional flora.

No. of taxa: 2,621

Rare & Endangered plants: Unknown

Location: BELEM

Founded: 1866

Garden Name: Museu Paraense "Emílio Goeldi"

Address: Caixa Postal 399, Av. Magalhaes Barata 376, 66.000 BELEM, Pará.

Status: State

Herbarium: Yes Approx. no. of herbarium specimens: 155,000

Ex situ Collections:

Amazonian flora, including many types described by J Huber and A Ducke. Ethnobotanical collections.

No. of taxa: 3,000

Rare & Endangered plants: Yes. Amazonian flora

Special Conservation Collections: Amazon palms and orchids

Location: BELEM

Founded: 1998

Garden Name: Rodrigues Alves Wood

Address: Av. Almirante Barroso, no. 2453, BELEM, Pará.

Status: Municipal

Herbarium: Yes Approx. no. of herbarium specimens: 356

Ex situ Collections:

Amazonian flora, toxic plants, orchids. Prepares a regular seed list.

No. of taxa: 356

Rare & Endangered plants: Yes. Amazonian flora

Location: BELO HORIZONTE

Founded: 1968

Garden Name: Museu de História Natural e Jardim Botânico

Address: Rua Gustavo da Silveira 1035, Horto, Belo Horizonte, Minas Gerais.

Status: University

Herbarium: Yes Approx. no. of herbarium specimens: 4,000

Ex situ Collections:

Brazilian pteridophytes

No. of taxa: Unknown.

Rare & Endangered plants: Unknown.

Location: BELO HORIZONTE

Founded: 1991

Garden Name: Fundação Zoo-Botânico de Belo Horizonte

Address: Av. Otacílio Negrao de Lima 8000, 31.365-450 Belo Horizonte-MG.

Status: Municipal

Herbarium: Yes Approx. no. of herbarium specimens: 2,136

Ex situ Collections:

Atlantic forest species, desert brushland species, Amazon forest species, cerrado species, aquatic plants, insectivorous plants, palms, orchids, bromeliads, succulents, pteridophytes, aroids.

No. of taxa: 2,100

Rare & Endangered plants: Threatened plants of the State of Minas Gerais.

Location: BOTUCATU

Founded: 1974

Garden Name: Jardim Botânico

Address: Instituto de Biociências, Caixa Postal 526, 18.610 BOTUCATU, São Paulo.

Status: University

Herbarium: Yes Approx. no. of herbarium specimens: 16,000

Ex situ Collections:

Native flora, orchids, Bromeliaceae, Cactaceae, ornamental plants.

No. of taxa: 3,500

Rare & Endangered plants: Unknown

Location: BRASILIA

Founded: 1985

Garden Name: Jardim Botânico de Brasília

Address: SMDB Conjunto 12, BRASILIA, Brasília DF. 71600.

Status: State

Herbarium: Yes Approx. no. of herbarium specimens: 14,996

Ex situ Collections:

Medicinal plants, aromatics, ornamentals, trees and shrubs of the cerrado plains, orchids, Araceae, Bromeliaceae, Alstromeria, Amaryllids

No. of taxa: 491

Rare & Endangered plants: Yes, native species from the Brasilia region

Special Conservation Collections: Cerrado native plants.

- The University of Brasilia (Cx. P. 04477-Cep, 70919 BRASILIA) maintains a collection (18 spp.) of wild cassava (*Manihot* spp.) mainly from Brazil, several of which are threatened.

Location: CAMPINAS

Founded: 1998

Garden Name: Centre of Vegetable Genetic Resources and Botanic Gardens

Address: Av. Theodureto de Almeida Camargo, no. 1500, Vila Nova, CAMPINAS - SP.

Status: State . Includes the Complexo Botânico Monjolinho (founded in 1960).

Herbarium: Yes Approx. no. of herbarium specimens: 36,000

Ex situ Collections:

Native and exotic tropical fruit trees, coffee, citrus, medicinal plants

No. of taxa: 5,104

Rare & Endangered plants: Unknown.

- The Parque Ecologico da Universidade Estadual, of the Universidade Estadual de Campinas, Cidade Universitaria "Zeferino Vaz", Universidade Estadual de Campinas, C.P. 6047, 13081 Campinas - SP. is unfortunately no longer in existence. No information is available on whether its collections have survived.

Location: CAUCAIA

Founded: Unknown

Garden Name: Jardim Botânico de Ceará

Address: CE 090, km. 03, CAUCAIA - CE

Status: Private

Herbarium: No.

Ex situ Collections:

Mangrove, coastal plateau and desert brushland plants, orchids, medicinal plants.

No. of taxa: 183

Rare & Endangered plants: Unknown.

Location: CAXIAS DO SUL

Founded: 1990
Garden Name: Jardim Botânico de Caxias do Sul
Address: Campus Universitario, R. Francisco Getúlio Vargas 1130, B. Petrópolis, C.P. 1352-95001, 95070 CAXIAS DO SUL-RS.
Status: University
Herbarium: Yes Approx. no. of herbarium specimens: 12,800
Ex situ Collections:
Araucaria forest species.
No. of taxa: 35
Rare & Endangered plants: Unknown.

- The Jardim Botânico da UNICRUZ, Universidade de Cruz Alta - RS, Campus da UNICRUZ, Rua Gen. Andrade Neves 308, 98100 Cruz Alta - RS. is currently being closed down.

Location: COXIPO
Founded: Unknown
Garden Name: Mato Grosso Federal University Botanical Gardens
Address: Av. Fernando Corrêa, s/no., Coxipó, Cuiabá - MT.
Status: University
Herbarium: Yes Approx. no. of herbarium specimens: Unknown
Ex situ Collections:
Cerrado plants
No. of taxa: Unknown
Rare & Endangered plants: Unknown

Location: CURITIBA
Founded: 1991.
Garden Name: The Francisca Maria Garfunkel Rischbieter Municipal Botanical Gardens (also known as Jardim Botânico de Curitiba)
Address: Secretaria Municipal do Meio Ambiente, Rua Ostoja Roguski, s/no., CURITIBA, PR.
Status: Municipal
Herbarium: Yes Approx. no. of herbarium specimens: 280,000
Ex situ Collections:
Atlantic forest plants, Araucaria forest plants, Rio Nebular (cloud forest), forest plants, Paraná Rio basin forest plants, medicinal and aromatic plants.
No. of taxa: 500.
Rare & Endangered plants: Unknown

- Native Plant Experimental Garden, P.O. Box 5087, 88040-970 Florianópolis has collections of cacti, orchids, bromeliads, native fruit trees, Myrtaceae, including such threatened plant species as *Eugenia mattosii*, *Heliocereus* spp. from southern Brazil

Location: FORTALEZA
Founded: Unknown
Garden Name: Botanical Park of Ceara
Address: Rua Julio Pinto, 1873 – Jacarecanga, FORTALEZA/CE, CEP-60.035-010
Status: Unknown
Herbarium: Unknown
Ex situ Collections:
Trees and shrubs. Native plants.
No. of taxa: Unknown
Rare & Endangered plants: Unknown

Location: GOIANIA
Founded: 1997
Garden Name: Amalia Hermano Teixeira Botanic Gardens
Address: Alameda Botafogo s/no., Setor Pedro Ludovico, GOIANIA – GO
Status: Municipal
Herbarium: No.
Ex situ Collections:

Species of native cerrado vegetation.
No. of taxa: Unknown.
Rare & Endangered plants: Unknown.

- Another botanic garden in GOIANIA, the Jardim Botânico de Goiania (Universidade Federal de Goiás, Rua Delenda Rezende de Melo s/no., Praça Universitaria, 74000 Goiânia) was closed in 1992. Its current status is unknown.

Location: JOAO PESSOA
Founded: Unknown
Garden Name: João Pessoa Botanical Gardens
Address: Av. Dom Pedro II, no. 3284, Mata do Buraquinho, João Pessoa – PB
Status: State.
Herbarium: No.
Ex situ Collections:
None yet but it contains an in situ reserve of Atlantic Rainforest.
No. of taxa: Unknown.
Rare & Endangered plants: Unknown.

Location: LAJEADO
Founded: Unknown
Garden Name: Lajeado Botanic Gardens
Address: Estrada Geral para Santa Clara do Sul, s/no., Moinhos D'água, Lajeado – RS
Status: Municipal
Herbarium: Yes Approx. no. of herbarium specimens: 250
Ex situ Collections:
Native species, particularly thick ombrophile forest species.
No. of taxa: Unknown
Rare & Endangered plants: Unknown.

Location: NITEROI
Founded: Unknown
Garden Name: Jardim Botânico de Niterói
Address: Alameda Sao Boaventura, 770, 24.120 Niterói-RJ.
Status: Unknown
Herbarium: Unknown.
Ex situ Collections:
No information available.
No. of taxa: Unknown
Rare & Endangered plants: Unknown

Location: PAULINIA
Founded: Unknown
Garden Name: Jardim Botânico de Paulínia
Address: Departamento de Serviços Públicos, Prefeitura Municipal de Paulínia, Praça 28 de Fevereiro, 180 - Nova Paulínia, 13.140 Paulínia, SP.
Status: Municipal
Herbarium: Yes Approx. no. of herbarium specimens: 600
Ex situ Collections:
Cerrado and Atlantic forest plants, palms, conifers.
No. of taxa: 1,200
Rare & Endangered plants: Some threatened native species.

Location: PIPA
Founded: Unknown
Garden Name: Pipa Botanical Garden
Address: Estrada de Goianinha à Pipa, km. 21, Praia de Pipa, Tibau do Sul - RN
Status: Private
Herbarium: Yes.
Ex situ Collections:

Atlantic forest and sandbank plants. Orchids, bromeliads, medicinal plants, aquatics. Many native plants growing in situ in the garden.

No. of taxa: Unknown

Rare & Endangered plants: Yes, native plants of the region.

Location: PORTO ALEGRE

Founded: Unknown

Garden Name: Jardim Botânico de Porto Alegre

Address: Rua Salvador França 1427, C.P. 1008, 90.690-000 PORTO ALEGRE-RS.

Status: State

Herbarium: Yes Approx. no. of herbarium specimens: 100,000

Ex situ Collections:

Bromeliads, Cacti, Liliaceae (36 spp.), Iridaceae (28 spp.), orchids, Myrtaceae (145 accessions of 36 spp. in 1992), medicinal plants. Native plants from southern Brazil.

No. of taxa: 4,800

Rare & Endangered plants: Yes.

Location: RECIFE

Founded: 1961

Garden Name: Jardim Botânico da Cidade do Recife

Address: BR 232 - Km 14, Curado, 50000 Recife - PE.

Status: Municipal

Herbarium: Unknown

Ex situ Collections:

The collections are all native regenerated forest species growing in situ in the garden.

No. of taxa: Unknown.

Rare & Endangered plants: Unknown.

Location: RIO DE JANEIRO

Founded: 1808

Garden Name: Jardim Botânico do Rio de Janeiro

Address: Rua Pacheco Leao 915, 22460-030 RIO DE JANEIRO.

Status: State

Herbarium: Yes Approx. no. of herbarium specimens: 350,000. Also includes carpological (6,000 accessions) and wood (+7,000 accessions).

Ex situ Collections:

9,000 accessions including Cactaceae and succulents, Palmae, Myrtaceae, Leguminosae, Guttiferae, Orchidaceae, Bromeliaceae, Araceae, Begonia, insectivorous, medicinal plants and a wide and varied collection of tropical trees. Seed list produced regularly.

No. of taxa: 1,500

Rare & Endangered plants: Yes, some endangered plants from different parts of the world but a large collection of rare and endangered bromeliads from the State of Rio de Janeiro and elsewhere in Brazil.

Special Conservation Collections: Threatened plants of the Mata Atlantica (Atlantic Rainforest) and from the Amazonian forests.

Location: RIO DE JANEIRO

Founded: Unknown

Garden Name: Horto Botanico

Address: Divisão de Botanica do Museu Nacional, Quinta da Boa Vista, 20940 Rio de Janeiro, RJ.

Status: State

Herbarium: Yes Approx. no. of herbarium specimens: 500,000

Ex situ Collections:

Flowering trees, Heliconia, orchids, pteridophytes, plants of the sand plains.

No. of taxa: 250

Rare & Endangered plants: Unknown.

Location: RIO DE JANEIRO

Founded: 1978

Garden Name: Jardim Botânico da Universidade Federal Rural

Address: do Rio de Janeiro, Caixa Postal 74582, 23 851 Seropédica, RIO DE JANEIRO.

Situated: Antiga rodovia Rio-São Paulo, km. 47, Seropédica – RJ
Status: University
Herbarium: Yes Approx. no. of herbarium specimens: 2,237
Ex situ Collections:
7,000 accessions (in 1992), medicinal plants, aromatics, bee plants, Atlantic Forest species.
No. of taxa: 220
Rare & Endangered plants: Some threatened plants are grown.

Location: SANTA MARIA
Founded: Unknown
Garden Name: Santa Maria Federal University Botanic Gardens
Address: UFSM – CCNE – Campus Camobi km 9, Santa Maria – RS
Status: University
Herbarium: Yes Approx. no. of herbarium specimens: 6,000
Ex situ Collections:
No information available
No. of taxa: 3,200
Rare & Endangered plants: Unknown

Location: SANTA TEREZA
Founded: Unknown
Garden Name: Museu de Biologia Mello Leitão
Address: Av. José Ruschi, 04, Centro, 29650 Santa Tereza - ES.
Status: State
Herbarium: Yes Approx. no. of herbarium specimens: 8,086
Ex situ Collections:
Epiphytes and rupicolous plants. Atlantic Forest plants
No. of taxa: 1,900
Rare & Endangered plants: Some Atlantic Forest species

Location: SANTOS
Founded: 1994
Garden Name: Jardim Botânico Municipal de Santos "Chico Mendes"
Address: Rua João Fracarolli s/n, Jd. Bom Retiro, 11.089-050 - SANTOS - SP.
Status: Municipal
Herbarium: No.
Ex situ Collections:
Bignoniaceae, Myrtaceae, Melastomataceae, Palmae, fruit trees of the Atlantic and Amazon forests, bee plants.
No. of taxa: 646
Rare & Endangered plants: Yes, such as *Caesalpinia echinata*, *Swietenia macrophylla*, *Dalbergia nigra* and *Euterpe edulis*.

Location: SÃO PAULO
Founded: 1938
Garden Name: Jardim Botânico de São Paulo
Address: Instituto de Botânica, Av. Miguel Estefno 3031, Caixa Postal 4005, 01051 SÃO PAULO.
Status: State.
Herbarium: Yes Approx. no. of herbarium specimens: 350,000
Ex situ Collections:
About 50,000 accessions. Orchids (about 20,000 accessions), ornamentals (about 5,000 accessions), aquatics, terrestrial fungi (about 1,000 accessions), palms, economic plants including fruit trees and hardwoods, Gnerriaceae, Marantaceae, pteridophytes, bromeliads, cacti, Atlantic Forest species.
No. of taxa: 1,000
Rare & Endangered plants: Yes. Some rare and endangered plants from other parts of the world but also large collection of threatened native species from Brazil and in particular from the Atlantic Forest and State of São Paulo.
Special Conservation Collections: Native Brazilian flora, orchids.

Location: SÃO PAULO

Founded: Unknown
Garden Name: São Paulo State University Botanic Garden
Address: Rubião Junior s/no., Rubião Junior Botucatu - SP
Status: State.
Herbarium: Yes Approx. no. of herbarium specimens: 21,000
Ex situ Collections:
Orchids, a general collection of tropical plants, native flora.
No. of taxa: 500
Rare & Endangered plants: Unknown.

Key reference:

Bruni, S., Sampaio Pereira, T., Gonzalez, J.A.P., Correia Lima, M.E., Ferrao, M.deS.R. and Matos, A.deA. (2000). *Directory of the Botanical Gardens of Brazil*. The Brazilian Network of Botanic Gardens, Expressao e Cultura, Rio de Janeiro, Brazil.