

Biodiversity Conservation *In Situ*: Biosphere - Biomes - Ecosystem - Habitat

Conservation *Ex Situ* in Reserves, Field Collections, Arboreta, Botanical Gardens, Zoos



Preservation & Conservation *Ex Situ* in Biorepositories

Biorepository Typography & Function

Museum Collections

Dry Collections
skins, bones,
dry/pinned arthropods
feathers, herbarium sheets

Spirit Collections

Frozen Collections
tissues, cells, organs,
organisms, subcellular
extracts, DNA RNA, proteins

Scientific Collections
Research, Taxonomy
Type, Voucher
Specimens

Living Collections

Biobanks
Environmental
Biobanks

Genebanks

In Vitro Genebanks

In Vitro Active
Genebank
In Vitro Base
Genebank

Sperm, Pollen,
Seed Banks

**Biological
Research
Centres
(BRCs)**

**Culture
Collections**

Working, Master

Cryobanks
Vaults

**Sustainable Use & Conservation
Biological & Genetic Resources**
Type, Reference Strains

Dimension 1 - Diversity

End User Fitness for Purpose

End User Fitness for Purpose

Dimension 2 - Functionality

Dimension 3 - Time