



Global
Conservation
Consortium

Magnolia



GCC

About the Global Conservation Consortium for *Magnolia*

Led by Atlanta Botanical Garden, in collaboration with BGCI and other partners from across the genus's range, The Global Conservation Consortium for *Magnolia* has been initiated to address the conservation needs of wild *Magnolia* species.

The goal of the Global Conservation Consortium for *Magnolia* is to mobilise a coordinated network of institutions and experts who work collaboratively to develop and implement a comprehensive conservation strategy to prevent the extinction of the world's *Magnolia* species.



The Global Conservation Consortia are coordinated by BGCI. Contact us ggc@bgci.org.



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About Magnolias

Comprising more than 300 species, magnolias are widely appreciated around the world for their ornamental qualities and as sources of medicine and timber. However, many are also in peril.





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Lead Institution

Atlanta Botanical Garden
1345 Piedmont Ave NE
Atlanta, GA 30309
United States
atlantabg.org



ATLANTA BOTANICAL GARDEN



For questions or more information, or if you are interested in learning more about current GCC for Magnolia activities please contact [Jean Linsky](#), GCC for Magnolia Coordinator.

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Current Steering Committee Members:



Md. Rishad Abdullah
Plant Conservation and
Research Foundation
Bangladesh



**Dr. J. Antonio Vázquez-
García**
Universidad de Guadalajara
Mexico



Dr. Ana Maria Benavides
Jardín Botánico de Medellín
Colombia



Kevin Conrad
United States National
Arboretum
United States



Apolinario B. Carino
Siit Arboretum Botanical
Garden
Philippines



Dr. Luis Gonzalez Torres
Planta! Plantlife
Conservation Society
Cuba



Dr. Marcela Serna Gonzalez
Tecnológico de Antioquia –
Institución Universitaria
Colombia



Dr. Yong-Shik Kim
Chollipo Arboretum
Foundation
South Korea



Jean Linsky
Atlanta Botanical Garden
United States



Dr. Emily Coffey
Atlanta Botanical Garden
United States



Dr. Alvaro J. Perez
Herbario QCA, Pontificia
Universidad Católica del
Ecuador
Ecuador



Dr. Weibang Sun
Kunming Botanical Garden
China

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Threats

Published in 2016, The Red List of Magnoliaceae highlighted that 47% of *Magnolia* species were threatened with extinction in the wild. Vast numbers of species are subject to habitat destruction, overharvesting and low natural regeneration.





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Conservation Needs

There are more than 172 threatened species and only 43% of these are found in ex situ collections. This figure is well below Target 8 of the Global Strategy for Plant Conservation, which calls for 75% of threatened plants to be held in ex situ collections.



Whilst there is work on-going to protect some *Magnolia* species, many more are in need of conservation action.



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Integrated Conservation

Species identified as at risk of extinction require plans to ensure that they not only survive but are resilient to the threats they face. This involves the protection of threatened wild populations of plants in their natural habitats and ex situ conservation in botanic gardens and seed banks.

The Global Conservation Consortium for *Magnolia* is bringing together the world's *Magnolia* community to address the conservation needs of this valuable, charismatic genus.



Operational Regions

USA & Canada

There are seven species of *Magnolia* native to Canada and the United States, ranging from Southern Ontario to Texas along the Eastern US. Some species are threatened by habitat fragmentation and disturbance including *M. ashei*.

South America

South America is a *Magnolia* hotspot with 75 species present in the region, of which 59 are threatened with extinction.

Mexico & Central America

Mexico & Central America are home to around 59 *Magnolia* species, of which 44 are threatened with extinction. With many new species having been described in recent years the GCC for *Magnolia* has been working to assess these species for the IUCN Red List.

Caribbean

There are 14 wild *Magnolia* taxa found in the Caribbean region, almost all are threatened with extinction.

East Asia

With China as a major diversity centre for *Magnolia* species, the East Asian region hosts 118 *Magnolia* species. Around 35 species are threatened with extinction, while 49 species are currently assessed as Data Deficient.

South and Southeast Asia

This region also hosts 118 species (35 threatened), many of which are shared with the East Asian Region. Similarly to that region, 52 species here are assessed as Data Deficient.