



Neotropical Conservation Consortium for Magnolia and Workshop Conservation Horticulture for Magnolias

July 8 - 14, 2019
Guadalajara, Jalisco, Mexico

FIRST CIRCULAR

Organized by:

1. Jardín Botánico Luz María Villarreal de Puga, Universidad de Guadalajara, CUCBA (U. de G.)
2. Centro Nacional de Recursos Genéticos (CNRG)
3. Botanic Gardens Conservation International (BGCI)
4. Magnolia Society International (MSI)

Sponsoring Institutions:

1. Botanic Gardens Conservation International
2. Fondation Franklinia
3. Global Trees Campaign
4. Universidad de Guadalajara

Background

The family Magnoliaceae is one of the most primitive taxa of angiosperms. Knowledge of this family is essential for the researches on the origin, evolution, biogeography and systematics of the angiosperms.

Most of magnolias are widely enjoyed for their beautiful tree shape, large colorful fragrant flowers and elegance. For centuries, many species are grown in different cultures as ornamentals, timber or used for medicine. Furthermore, many species are dominant constituents of tropical, subtropical or warm temperate forests. Due to degradation of natural habitats, many magnolias have become endangered or extinct in the wild. For these reasons, it is important to engage in multi-disciplinary *Magnolia* subjects, and rescue the rare and endangered species.

In relation to their size of territory Costa Rica and Ecuador are the richest countries in terms of their number of species of Magnoliaceae, while, in terms of absolute numbers, China, Vietnam, Mexico and Colombia are the richest. The Zamora Cinchipe region of Ecuador with 9 species in 10,000 km² is the richest region in species of Magnoliaceae in the neotropics, followed by Antioquia, Colombia. Over the last decade, a large number of new species of Neotropical *Magnolia* have been described so the proportion of New World species of Magnoliaceae has increased considerably from 1/3 to nearly one half. A lot of work has been done on

the systematics, biogeography, morphology, ethnobotany, conservation, and floral biology of Magnoliaceae. The seven international symposia on the family Magnoliaceae held in three continents: Europe, Asia and America (1996: Egham, United Kingdom, 1998: Hangzhou, China; 2009: Canton, China; 2015 Puyo, Ecuador; 2016: Varadero, Cuba; 2017: Shenzhen, China; 2018: Quito, Ecuador) demonstrate the relevance of this plant group and have greatly stimulated cooperative research on Magnoliaceae worldwide.

In order to exchange recent progress, enhance the conservation and sustainable utilization of magnolias, and promote cooperative research worldwide, the Universidad de Guadalajara, the Centro Nacional de Recursos Genéticos, Botanic Gardens, Conservation International and the Magnolia Society International, are organizing the Neotropical Conservation **Consortium for Magnolia and Conservation Workshop** to be held from July 8-15, of 2019 in Guadalajara, Jalisco, México.

Institutional Committee

Honorary Chairman:

- Dr. Carlos Béas Zárate (Universidad de Guadalajara)
- Dr. Eduardo Santana Castellón (President of the LMVP Botanic Garden Board)
- Dr. Salvador Mena Munguía (Jardín Botánico Luz Ma. Villarreal de Puga)
- Dr. Ramón Ignacio Arteaga Garibay (Centro Nacional de Recursos Genéticos)
- Dr. Hans P. Nooteboom (Netherlands)
- Mr. Richard B. Figlar (Honorary President of the Magnolia Society International, USA)

Organizing Committee:

Chair: J. Antonio Vázquez-García (U. de G., México)

Vice-Chair: Noelia Álvarez de Román (BGCI, Spain)

Members:

- Gerardo Hernández-Vera (México)
- Miguel Muñiz-Castro (México)
- Rosa del Lourdes Romo-Campos (México)
- Viacheslav Shalisko (México)

July 8-9, Workshop Conservation Horticulture for Magnolias (Chair: Dr. Ramón Ignacio Arteaga Gariba and/or Noelia Álvarez de Román).

- a) Nursery Propagation Techniques;
- b) Micropropagation;
- c) Cryopreservation.

July 10, Scientific Session (Chair: J. Antonio Vázquez-García)

Includes keynote speakers, oral presentations and poster session.

- a) Taxonomy;
- b) Phylogeny and biogeography;
- c) Morphology and anatomy;
- d) Molecular biology, cytology and photochemistry;
- e) Genetics and conservation;
- f) Physiology, chemistry and ecology.

July 11, Conservation Session and Consortium (Chair: Joachim Gratzfeld)

Includes oral presentations of conservation case studies and panel discussions.

- a) Practical Conservation Projects for Threatened Magnolias Cultivation;
- b) Working towards a Magnolia Consortium and plenary session.

July 12-14, Post-Symposium Excursion

The symposium excursions planned to visit:

- a) *Magnolia iltisiana* at Estación Científica Las Joyas, Sierra de Manantlán Biosphere Reserve, Autlán, Jalisco;

- b) *Magnolia pacifica* at Parque Estatal Bosque de Arce, Talpa de Allende, Jalisco;
- c) *Magnolia vallartensis* at Vallarta Botanical Garden, Puerto Vallarta, Jalisco.

Locality

The Workshop will be held at Centro Nacional de Recursos Genéticos (CNRG), Tepatitlán, Jalisco (awaiting confirmation).

The Scientific and Conservation sessions will be held at Universidad de Guadalajara, Guadalajara Jalisco, Mexico.

Language

English is the preferred language for the scientific sessions.

Registration Fees

The registration fees include symposium material fees, meal fees and symposium excursion fees. The speakers and workshop teachers do not have to pay registration for the Workshop or Scientific Conference, only for the excursion if they wish to participate.

	Workshop Conservation Horticulture for Magnolias July 8-9	Scientific and Conservation Program (Oral & poster sessions) July 10-11	Field trip Julio 12-14 (fee includes transport, 2 hotel nights breakfast and meals included, ticket entrance to Vallarta BG)	Total (USD)
Participants	10	10	180	200

Abstracts

You are invited to submit an abstract of 500-1000 words summarizing original and unpublished research results on the above and other related topics before the deadline of May 20, 2019. All submitted abstracts must be written in English and will be reviewed for quality, originality and relevance by the Scientific Committee. The Scientific Committee will notify the authors of the accepted abstracts.

To participate in the conservation session you are invited to present a summary of your practical conservation project of 500-1000 words in Spanish or English.

Travel Grants

A limited number of travel grants is available for eligible participants who are selected to participate in workshops and scientific sessions.

Second Circular

The Second Circular will be mailed in the last week of May 2019. It will include information about travel advice, accommodations, field trips, post-symposium excursion, and details scientific program. Please confirm your attendance at each of the events:

- Workshop Conservation Horticulture (8th -9th of July)
- Scientific and Conservation Sessions (10th - 11th of July)
- Post symposium excursion (12th-14th July)

All correspondence should be address to:

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