



The 1st International Symposium on Neotropical Magnoliaceae (ISNM)



May 27 – June 2, 2015
Puyo, Pastaza, Ecuador

FIRST CIRCULAR

Co-organized by:

Universidad Estatal Amazónica (UEA)
Universidad de Guadalajara-CUCBA (UDG)
Magnolia Society International (MSI)
Botanic Gardens Conservation International (BGCI)

Symposium Background

The family Magnoliaceae is one of the most primitive groups of angiosperms with an extensive fossil record from throughout the northern hemisphere, and considerable research on the phylogeny of this family has been conducted in recent decades. Knowledge of this family is essential for the research on the origin, evolution, biogeography and systematics of the angiosperms.

Many species and cultivars of *Magnolia* are widely enjoyed for their beautiful tree shape, their large fragrant flowers, and their elegance. Many taxa are grown as ornamentals, and some species in the wild are harvested for timber or used for medicine and perfume. Furthermore, many species are dominant constituents of tropical and subtropical forests. Due to degradation of natural habitats, many magnoliaceous plants have become endangered or extinct in the wild. For these reasons, it is important to engage in multi-disciplinary programs entailing research and conservation of magnolias, to protect the rare and endangered species, and when possible, to bring them into cultivation into botanical gardens or other ex-situ conservation centers.

Over the last decade a large number of new species of Neotropical *Magnolia* have been described so that the proportion of New World species of Magnoliaceae has increased considerably from one-third to nearly one-half of the worldwide total. In relation to their size of territory, Ecuador and Costa Rica are the richest countries in terms of their number of species of Magnoliaceae. The Zamora-Cinchiipe 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. Considerable work has also been done on the systematics, biogeography, morphology, ethnobotany, conservation, and floral biology of Magnoliaceae. In May 1998 and 2009, two successful International Symposia were organized for the family Magnoliaceae, both in China, concentrating on the taxa and of the temperate zones of eastern Asia and North America. Those events have greatly stimulated cooperative research on Magnoliaceae worldwide, and the time is ripe for a similar symposium with emphasis on the Neotropical taxa.

In order to exchange recent progress, enhance the conservation and sustainable utilization of magnoliaceous plants, and promote cooperative research worldwide, the Universidad Estatal Amazónica (UEA) in collaboration with the Universidad de Guadalajara-CUCBA (UDG), the Magnolia Society International (MSI), and the Botanic Gardens Conservation International and with the support of several funding organizations, is organizing the 1st International Symposium on Neotropical Magnoliaceae to be held in Puyo, Pastaza, Ecuador, during the week of May 27 to June 2, 2015.



Organizing Committee

Honorary Chairman:	Julio Cesar Vargas (Ecuador)
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Vice-Chairmen:	David A. Neill (Ecuador)
Secretariat:	J. Antonio Vázquez-García (Mexico)
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Secretariat

All correspondence should be addressed to:

Professor: J. Antonio Vázquez-García
Universidad Estatal Amazónica
Puyo Pastaza, Ecuador.
Mob: + 593 0992964407
Tel: + 593 032889902
E-mail: jvazquez@cucba.udg.mx
Website: under construction

Scientific Program

1) *Topics:*

- a) Taxonomy
- b) Phylogeny and biogeography
- c) Morphology and anatomy
- d) Molecular biology, cytology and phytochemistry
- e) Genetics and conservation
- f) Physiology and ecology
- g) Cultivation, propagation and breeding
- h) Gardening and landscaping

2) *Format:* The program of the 1st International Symposium on the Neotropical Magnoliaceae will include plenary speakers, oral presentations and poster sessions. Opportunities are also available for general and panel discussions.

Symposium Date and Locality

The symposium will be held at the Universidad Estatal Amazónica, Puyo, Pastaza, Ecuador,

27-29 May, 2015 – Scientific program (3 days)

30 May-June 2, 2015 Post-Symposium Botanical Excursion to Zamora-Chinchipec province, Ecuador (4 days, optional)

Official Languages

Spanish, English or Portuguese are valid languages for the symposium. Simultaneous translation will be provided during the plenary and oral sessions.

Registration Fees

The registration fees include symposium material fees, meal fees and symposium excursion fees, but not the Post-Symposium Botanical Excursion.

	Before	After
	March 15, 2015	March 15, 2015
Scholar	US \$150	US \$200
Student	US \$75	US \$100
Accompanying person	US \$100	US \$100

Symposium Excursion

The symposium excursions (during the scientific program, 27-29 May) are planned to visit the Centro de Investigación Posgrado y Conservación Amazónica (CIPCA), and the herbarium ECUAMZ of the Universidad Estatal Amazónica. Participants will have opportunities to see species of *Magnolia* in their native habitat of Neotropical forests, such as *M. kichuana*, and *M. pastazaensis*. At the same time, participants will enjoy the beautiful scenery of the Andes and Ecuadorian Amazonia (the transport and entrance fees are included in the registration fees).

Post-Symposium Excursion

An optional 4-day excursion (May 30-June 2, 2015) will be scheduled to the Cordillera del Cóndor, Zamora-Chinchipec province in southeastern Ecuador, the richest region in the Neotropics in terms of species diversity of the genus *Magnolia*. Participants will have the opportunity to visit the unique forests of the sandstone mountains, the “Andean tepuis”, with locally endemic species including *Magnolia yantzazana*, *M. bankardiorum* subsp. *tepuialtoensis*, and *M. shuarorum*.

Abstract and Papers

Participants are invited to submit an abstract of 500-1000 words summarizing original and/or unpublished research results on the above and other related topics before the deadline of 28 February 2015. Contributed papers may be presented as oral presentations or as posters. 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. Papers presented in the Symposium will be eligible for publication in the Symposium Proceedings.

Second Circular

The Second Circular will be posted in December 2014. It will include information about registration, accommodations, field trips, post-symposium excursions, and details about contributed papers. Potential participants are encouraged to contact the Secretariat, Dr. Antonio Vázquez, jvazquez@cucba.udg.mx before December 15 2014 to ensure receipt of the Second Circular.