

Hiroshi Azuma, José G. García-Franco, Victor Rico-Gray, and Leonard B. Thien. 2001. Molecular phylogeny of the Magnoliaceae: the biogeography of tropical and temperate disjunctions. *American Journal of Botany* 88: 2275-2285.

Taxa included in the molecular phylogenetic study of Magnoliaceae. Classification and scientific names of Magnoliaceae follow the taxonomic treatment of Frodin and Govaerts (1996). Subgeneric and sectional treatments in genus *Magnolia* use the taxonomic treatments of Chen and Nooteboom (1993) and Nooteboom (1985, 1987). TU, Tulane University (New Orleans, USA); KYO, Kyoto University Herbarium (Kyoto, Japan); YP, Yurigahara Park (Sapporo, Japan); BBG, Bogor Botanical Garden (Indonesia); COL, materials provided from Gustavo Lozano-Contreras. (Colombia); NPRI, Natural Products Research Institute, Seoul National University (Seoul, Korea); IE, Instituto de Ecología A.C. (Xalapa, Mexico); MGA, Magnolian Grove Arboretum (South Carolina, USA); SCBG, South China Botanical Garden (Guangzhou, China).

Taxa	Citation/source/voucher	Accession numbers ^c		
		<u>matK</u> or <u>trnK</u>	<u>psbA-trnH</u>	<u>atpB-rbcL</u>
Magnoliaceae				
Subfamily Magnolioideae				
Genus <i>Magnolia</i>				
Subg. <i>Magnolia</i>				
Sect. <i>Magnolia</i>				
<i>M. virginiana</i> (North)	Azuma, Thien, and Kawano (1999)	GBAN-AB020988	GBAN-AB021018	GBAN-AB021048
(South)	Azuma, Thien, and Kawano (1999)	GBAN-AB020989	GBAN-AB021019	GBAN-AB021049
Sect. <i>Theorhodon</i>				
<i>M. grandiflora</i>	Azuma, Thien, and Kawano (1999)	GBAN-AB020990	GBAN-AB021020	GBAN-AB021050
<i>M. guatemalensis</i>	Azuma, Thien, and Kawano (1999)	GBAN-AB020991	GBAN-AB021021	GBAN-AB021051
<i>M. iltisiana</i>	Jalisco, Mexico. Thien 12002 (TU)	GBAN-AB055520	GBAN-AB055551	GBAN-AB055569
<i>M. pacifica</i> ssp. <i>pugana</i>	Jalisco, Mexico. Rico-Gray & Thien 12003 (TU)	GBAN-AB055521	GBAN-AB055552	GBAN-AB055570
<i>M. schiedeana</i>	Xalapa, Mexico. Thien & Azuma 12004 (TU)	GBAN-AB055550	GBAN-AB055568	GBAN-AB055586
<i>M. sharpii</i>	Azuma, Thien, and Kawano (1999)	GBAN-AB020993	GBAN-AB021023	GBAN-AB021053
<i>M. tamaulipana</i>	Azuma, Thien, and Kawano (1999)	GBAN-AB020994	GBAN-AB021024	GBAN-AB021054

<u>M. yoroconte</u>	Veracruz, Mexico. Thien 12006 (TU)	GBAN-AB055522	GBAN-AB055553	GBAN-AB055571
Sect. <u>Splendentes</u>				
<u>M. portoricensis</u>	Cayey, Puerto Rico. Thien 11800 (TU)	GBAN-AB055523	GBAN-AB055554	GBAN-AB055572
<u>M. splendens</u>	Luquillo, Puerto Rico. Thien 11801 (TU)	GBAN-AB055524	GBAN-AB055555	GBAN-AB055573
Sect. <u>Rytidospermum</u>				
<u>M. dealbata</u>	Cult. IE. Thien and Rico-Gray 12005 (TU)	GBAN-AB055525	GBAN-AB055556	GBAN-AB055574
<u>M. fraseri</u> var. <u>fraseri</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB020995	GBAN-AB021025	GBAN-AB021055
var. <u>pyramidata</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB020996	GBAN-AB021026	GBAN-AB021056
<u>M. macrophylla</u>				
ssp. <u>macrophylla</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB020997	GBAN-AB021027	GBAN-AB021057
ssp. <u>ashei</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB020998	GBAN-AB021028	GBAN-AB021058
<u>M. obovata</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB020999	GBAN-AB021029	GBAN-AB021059
<u>M. officinalis</u> var. <u>biloba</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021000	GBAN-AB021030	GBAN-AB021060
<u>M. tripetala</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021001	GBAN-AB021031	GBAN-AB021061
Sect. <u>Oyama</u>				
<u>M. sieboldii</u>				
ssp. <u>sieboldii</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021002	GBAN-AB021032	GBAN-AB021062
ssp. <u>japonica</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021003	GBAN-AB021033	GBAN-AB021063
ssp. <u>sinensis</u>	Cult. YP. Azuma s.n. (KYO)	GBAN-AB055526	GBAN-AB055557	GBAN-AB055575
<u>M. wilsonii</u>	Cult. YP. Azuma s.n. (KYO)	GBAN-AB055527	GBAN-AB055558	GBAN-AB055576
Sect. <u>Gwillimia</u>				
<u>M. coco</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021004	GBAN-AB021034	GBAN-AB021064
<u>M. delavayi</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021005	GBAN-AB021035	GBAN-AB021065
Sect. <u>Gynopodium</u>				
<u>M. nitida</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021006	GBAN-AB021036	GBAN-AB021066
Sect. <u>Lirianthe</u>				
<u>M. pterocarpa</u>	Cult. BBG. K. Ueda, J-2155 (KYO)	GBAN-AB055528		
Sect. <u>Maingola</u>				
<u>M. carsonii</u>	Sabah, Malaysia. Hotta 20146 (KYO)	GBAN-AB055529		
Sect. <u>Alcimandra</u>				

<u>M. cathcartii</u>	Burma. Farrer & Purdom 993 (KYO)	GBAN-AB055530
Subg. <u>Yulania</u>		
Sect. <u>Yulania</u>		
<u>M. campbellii</u>	Nepal. Tabata et al. 6085 (KYO)	GBAN-AB055531
<u>M. denudata</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021007 GBAN-AB021037 GBAN-AB021067
<u>M. sargentiana</u>	Cult. YP. Azuma s.n. (KYO)	GBAN-AB055532 GBAN-AB055559 GBAN-AB055577
Sect. <u>Buergeria</u>		
<u>M. kobus</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021008 GBAN-AB021038 GBAN-AB021068
<u>M. salicifolia</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021009 GBAN-AB021039 GBAN-AB021069
<u>M. stellata</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021010 GBAN-AB021040 GBAN-AB021070
Sect. <u>Tulipastrum</u>		
<u>M. acuminata</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021011 GBAN-AB021041 GBAN-AB021071
<u>M. liliiflora</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021012 GBAN-AB021042 GBAN-AB021072
Subg. <u>Talauma</u>		
Sect. <u>Talauma</u>		
<u>M. caricifragrans</u>	Colombia. Lozano-C. 2350 (COL)	GBAN-AB055533
<u>M. dodecapetala</u>	Holguín, Cuba. H. Rainer 1625 (IE)	GBAN-AB055535 GBAN-AB055561 GBAN-AB055579
<u>M. mexicana</u>	Xalapa, Mexico. Rico-Gray & Thien 12001 (TU)	GBAN-AB055536 GBAN-AB055562 GBAN-AB055580
<u>M. ovata</u>	Brasilia, Brazil. Thien 12000 (TU)	GBAN-AB055537 GBAN-AB055563 GBAN-AB055581
Sect. <u>Blumiana</u>		
<u>M. liliifera</u> var. <u>obovata</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021013 GBAN-AB021043 GBAN-AB021073
Genus <u>Dugandiodendron</u>		
<u>Dug. lenticellatum</u>	Colombia. Cogollo 3384 (COL)	GBAN-AB055538
<u>Dug. mahechae</u>	Colombia. Lozano-C. 2161 (COL)	GBAN-AB055539
Genus <u>Kmeria</u>		
<u>Kme. septentrionalis</u>	SWB99077 ^b	GBAN-AB055540
Genus <u>Manglietia</u>		
Sect. <u>Manglietia</u>		
<u>Man. conifera</u>	Cult. MGA # 235	GBAN-AB055541 GBAN-AB055564 GBAN-AB055582
<u>Man. decidua</u> ^a	Cult. MGA # 217	GBAN-AB055542 GBAN-AB055565 GBAN-AB055583

<u>Man. insignis</u>	Cult. MGA # 222	GBAN-AB055543 GBAN-AB055566 GBAN-AB055584
Genus <u>Manqlietiastrum</u>		
<u>Mang. sinicum</u>	SWB99019 ^b	GBAN-AB055544
Genus <u>Elmerrillia</u>		
<u>Elm. ovalis</u>	Celebes, Indonesia, Vogel & Vermeulen 7054 (KYO)	GBAN-AB055545
Genus <u>Michelia</u>		
<u>Mic. compressa</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021014 GBAN-AB021044 GBAN-AB021074
<u>Mic. figo</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021015 GBAN-AB021045 GBAN-AB021075
<u>Mic. macclurei</u>	Seed from SCBG, Azuma s.n. (KYO)	GBAN-AB055546 GBAN-AB055567 GBAN-AB055585
Subfamily Liriodendroideae		
Genus <u>Liriodendron</u>		
<u>L. chinense</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021016 GBAN-AB021046 GBAN-AB021076
<u>L. tulipifera</u>	Azuma, Thien, and Kawano (1999)	GBAN-AB021017 GBAN-AB021047 GBAN-AB021077
Himantandraceae		
Genus <u>Galbulimima</u>		
<u>Gal. belgraveana</u>	Atherton, Australia. Thien 11200	GBAN-AB055547
Degeneriaceae		
Genus <u>Degeneria</u>		
<u>Deg. roseiflora</u>	Levu Isl., Fiji, SV 1/12022000 (KYO)	GBAN-AB055548
<u>Deg. vitiensis</u>	Suva, Fiji, SV 1/17022000 (KYO)	GBAN-AB055549

^a See Zheng (1995) and Sun and Zheng (1999).

^b DNA obtained from W-B Sun and Y-L Qiu.

^c The prefix GBAN- has been added to all GenBank accession numbers to link the online version of American Journal of Botany to GenBank but it is not part of the actual accession number.