

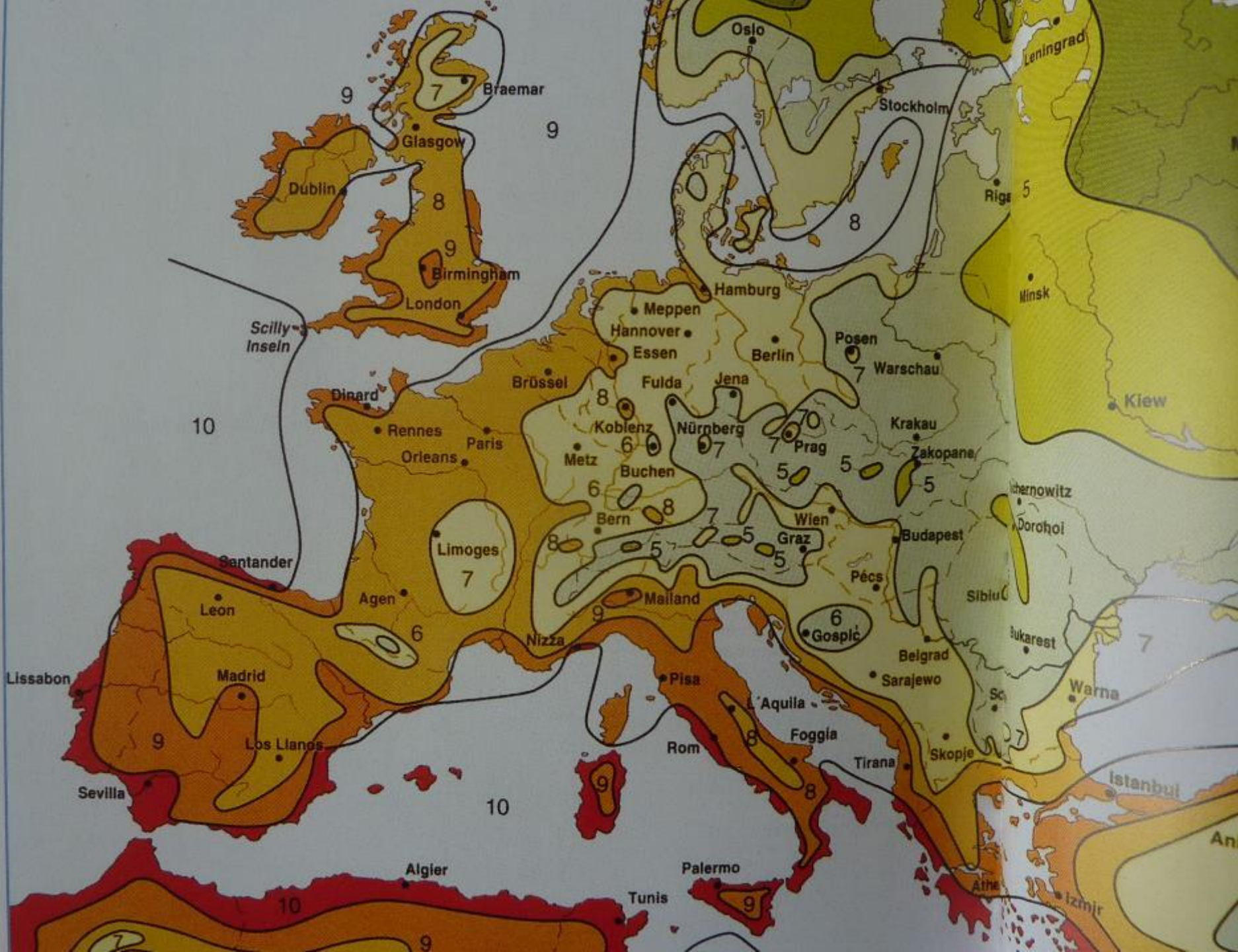
# The making and maintenance of a magnolia collection

IDS study day, Wespelaar 13 April 2024



World Distribution of the genus Magnolia









Shrubby *Magnolia denudata* in a cool maritime climate (AW-93020-pds-210 - 2019.0324)





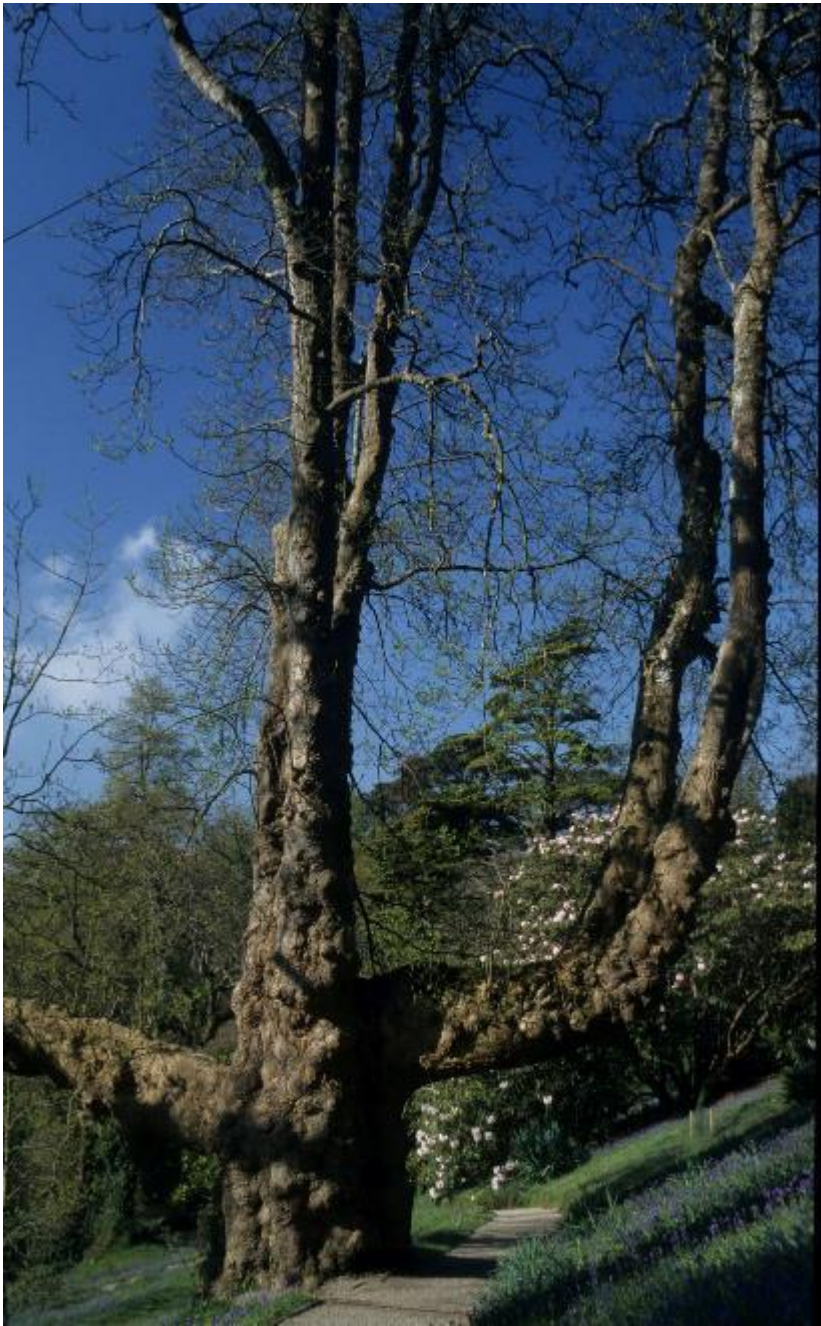
*Magnolia denudata*, warm humid continental climate – Longwood, and Winterthur, Delaware





*Magnolia denudata*, warm humid continental climate – Longwood, and Winterthur, Delaware





*Liriodendron* in maritime climate (Cornwall) versus Continental (US East coast)





*Magnolia campbellii*, *Magnolia x veitchii* 388cm (largest in group) - Caerhays - 2014.0328









Same, view twenty years later





Under canopy of Corsican pine (*Pinus nigra* subsp. *laricio*) – Verlat wood, Arboretum Wespela





Marnef wood, clearing undergrowth, in an 1890 *Quercus robur* plantation





Magnolia 'Daphne' ('Miss Honeybee' x 'Gold Crown') in shaded environment ...and full sun





Magnolia 'Daphne' ('Miss Honeybee' x 'Gold Crown') in shaded environment ...and full sun





*Magnolia campbellii* 'Charles Raffill' - 87144-spi-201 - 1996.08 -





*Magnolia campbellii* 'Charles Raffill' - 87145-spi- V - 2000.0324





*Magnolia sargentiana* under Douglas fir



*Magnolia decidua* under Corsican pine





*Magnolia* 'Shirazz' (*denudata* x 'Vulcan') - 08207-bur-164 - 2024.0319





Magnolia - Spring frost,- 1990.0408 -





Magnolia - Spring frost,- 1990.0408 -





Magnolia 'Galaxy' (liliiflora x sprengeri) - 91146-pds-146 - 2017.0423 (spring frost - 2017.0423)









Autumn: early frost, and poorly hardened shoots - 1995.11 -





Magnolia 'Purple Breeze' (sargentiana hybrid) - 84323-esv-206 - 2017.0421 \_\_





Magnolia 'Purple Breeze' (sargentiana hybrid) - 84323-esv-206 - 2017.0421 \_\_





*Magnolia delavayi* - 89417-esv-m.W - 2009.0302 frosted, vs *Lithocarpus henryi* - Hkrd mW





*Magnolia* 'Leda' ( *campbellii* var *alba* x 'Pegasus') - 84302-esv-203 - 2005.0318





*Magnolia* 'Petit Chicon' (*acuminata* x *denudata*) (Bjuv 1636) - 90188-pds- 1 - 2017.0406





*Magnolia* 'Petit Chicon' (*acuminata* x *denudata*) (Bjuv 1636) - 90188-pds- 1 - 2021.0607





Magnolia 'Petit Chicon' (*acuminata* x *denudata*) (Bjuv 1636) - 90188-pds- 1 - 2023.0403





Magnolia 'Petit Chicon' (acuminata x denudata) (Bjuv 1636) - 90188-pds- 1 - 2023.0807













Bark splitting : Early morning sun on south facing bark of young magnolia





Bark splitting : Early morning sun on south facing bark of young magnolia





*Magnolia officinalis* (Da-mao-shan, Sichuan) - 99223-wld-174 - 13 nov 2004 -





*Magnolia officinalis* (Da-mao-shan, Sichuan) - 99223-wld-174 - 13 nov 2004 -





Cleaning a wound on *Magnolia* 'Hot Pants' (*mollicomata* sdlg) - 84301-esv-206 - 1996.04 -





Cleaning a wound on *Magnolia* 'Hot Pants' (*mollicomata* sdlg) - 1998 and 2000





Cleaning a wound on *Magnolia* 'Hot Pants' (*mollicomata* sdlg) 2004 and 2009





Cleaning a wound on *Magnolia* 'Hot Pants' (*mollicomata* sdlg) 2004 and 2009





Magnolia (wilsonii x officinalis var. biloba)

- 05027-pds- 96 -

Waterlogged soils – arboretum extension beds 170-180





Magnolia (wilsonii x officinalis var. biloba)  
- 05027-pds- 96 -

Waterlogged soils – arboretum extension beds 170-180





Open field situation : landscaping the future magnolia meadow, (Wespelaar, August 1985)





Landscaping the future beds 209 and 210 of arboretum Wespelaar in august 1985









Beds 208 and 206 of arboretum Wespelaar after a rainy spring





The original collection of yellow magnolia, from Dr August Kehr crosses, on poorly drained soils





The Augie Kehr collection of yellow magnolia in 2016









Providing for natural slope draining towards ponds or ditches, and some landscaping effect





*Magnolia virginiana* var. *australis*, *Liriodendron* - USA, Bellengrath Garden, Mobile, Al. 1995





*Magnolia virginiana* var. *australis* - USA, Bellengrath Garden, Mobile, Al. – 1995.0210





Upright, evergreen *Magnolia virginiana* var. *australis* - 05020-pds-206 - 2022.0610





Upright, evergreen *Magnolia virginiana* var. *australis* - 05020-pds-206 - 2022.0610



A young tree trunk is wrapped in a cylindrical mesh of wire, likely to protect it from rodents and other pests. The tree is situated in a garden or park area with green grass and scattered pink petals. The text "Rodents and other pests" is overlaid in white on the image.

# Rodents and other pests





Rabbits ringed a mature *Magnolia acuminata* – UITBERGEN, treated, it died nevertheless





Rodent damage: *Calluna* hiding base of trunk of young *M. sprengeri*- 1996.04









Roe deer damage on *Magnolia* before protections with bamboo or fencing









Woolly Scale insects on *Magnolia sieboldii* and others





Woolly Scale insects on *Magnolia sieboldii* and others





Planting the magnolias of the Buergeria groups (*stellata*, *kobus*, *salicifolia* and hybrids)





Planting the magnolias of the Buergeria groups (*stellata*, *kobus*, *salicifolia* and hybrids)





Elizabeth

Randy

Randy

Suzan

'Ricki'

Betty

Pinkie













*Magnolia x kewensis* 'Wada's Memory' (84690-spi- 11) and background of evergreen plants





*Magnolia x kewensis* 'Wada's Memory' (84690-spi- 11) and background of evergreen plants













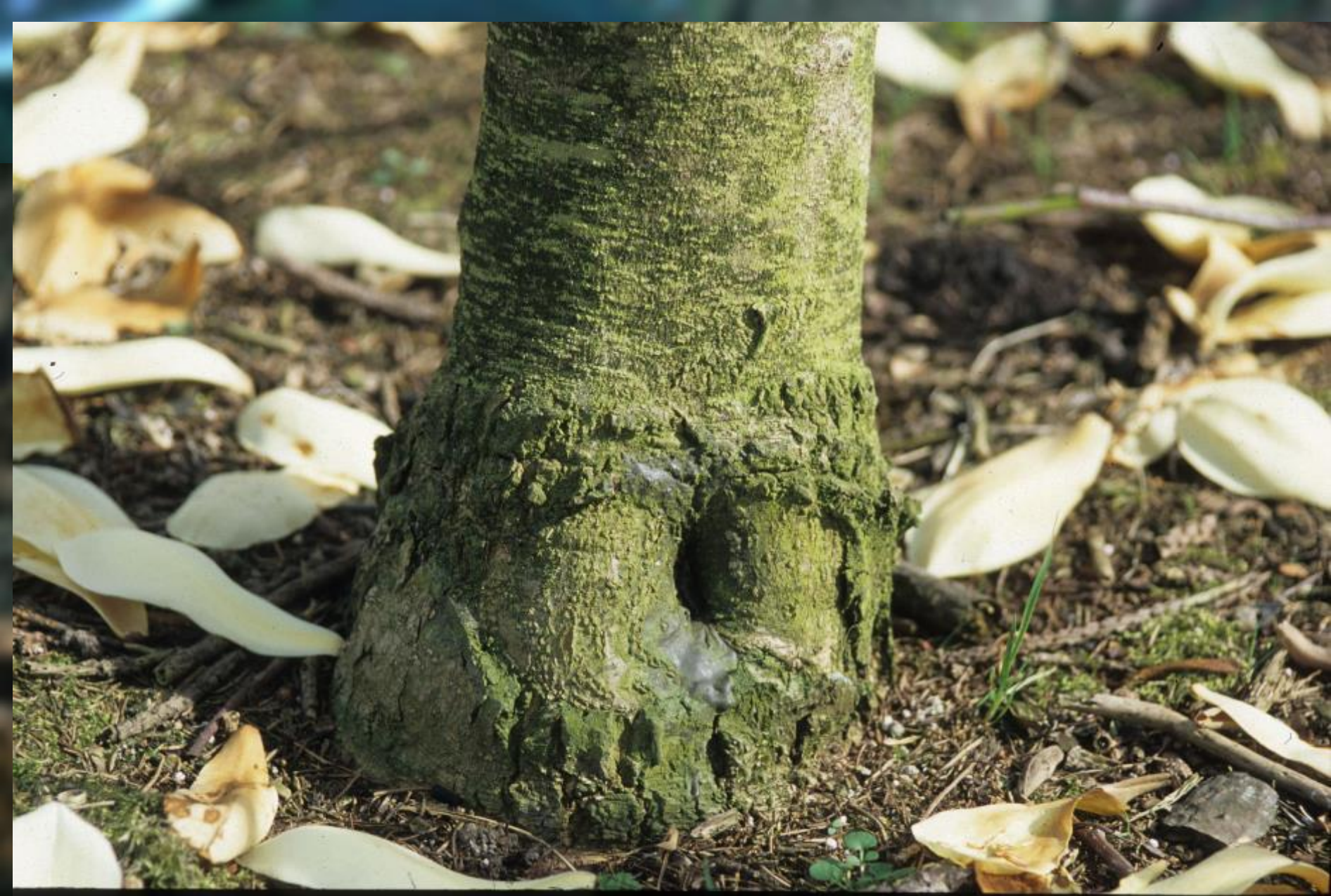
























Magnolia grandiflora - 74004-hil-m.N - 2002.0501 ... 2006 ..... 2019





Magnolia grandiflora - 74004-hil-m.N - 2002.0501 ... 2006 ..... 2019





Magnolia grandiflora - 74004-hil-m.N - 2002.0501 ... 2006 ..... 2019





















# Nursery.

Fragrant, showy flowers for many years to come!

[magnoliastore](#) » nursery



## The Nursery

In 1964 Piet Vergeldt started his nursery in Lottum (The Netherlands). In the beginning he produced roses and fruit trees. Soon he became interested in conifers and shrubs, and made a speciality of grafting.

The Magnoliastore company was set up by Wim Rutten (1940-2006).

Wim collected magnolias from the seventies onwards and started planting them in his garden in Zevenhuizen, the Netherlands.

In 2005, when it became evident that Wim's illness was in the final stages, he handed the site and many of the plants over to Piet Vergeldt.

Where to get the right magnolia : favour direct producers and buy small plants ; raise them in a temporary nursery before moving to final spot. **Magnoliastores.com** claims to have 800 magnolias in the collection, (not always available)





*Magnolia cylindrica* (Holden 87-86,S. Anhui, China) - 89474-wld-137 - 2006.0918





Magnolia delavayi - 89417-esv-mW , Midnight pollination



50  
66  
D.V.  
CLL

50  
47  
D.V.  
CLL  
SLP

50  
72  
D.V.  
CLL  
SLP

50  
57

50  
43  
D.V.  
CLL  
SLP

50  
53  
REV  
CLL

50  
71  
D.V.  
CLL  
SLP

50  
64  
D.V.  
CLL  
SLP

50  
64  
D.V.  
CLL  
SLP

50  
51  
D.V.  
CLL  
SLP

50  
54  
D.V.  
CLL  
SLP

50  
70  
D.V.  
CLL  
SLP

50  
58  
D.V.  
CLL  
SLP

50  
63  
D.V.  
CLL  
SLP

50  
67  
D.V.  
CLL  
SLP

50  
48

50  
65

50  
49

50  
46

50  
73

50  
62

5/14/98





50  
43

D. CW  
x  
elong  
95/2

5043-  
4053

50  
44

DAV  
CWL  
x  
elong  
VIERG  
95/4

50  
42

D. CW  
x  
elong  
x 35  
95/2

50  
40

HOT  
LIPS  
x  
DAV  
CWL  
95/8





























Magnolia salicifolia - 92140b -173 – Plant c and b





Magnolia salicifolia - 92140b -173 – Plant c and b





Magnolia salicifolia - 92140b -173 – Plant c and b





*Magnolia* 'Banana Split' (('Woodsman' x 'Lennei') x 'Elizabeth') - 99151-pds-268  
and sister seedlings                      And parents: x *brooklynensis* and 'Elizabeth'





*Magnolia* 'Banana Split' (('Woodsman' x 'Lennei') x 'Elizabeth') - 99151-pds-268  
and sister seedlings                      And parents: *x brooklynensis* and 'Elizabeth'





**M. ('Yellow Bird' x 'White Rose')**  
**15372-bot-204 -**



**Magnolia ('Miss Honeybee'**  
**x sargentiana var. robusta)**  
**05281-rut-191 -**



**M. ('Black Tulip' x 'Vulcan')**  
**- 09003-div-167 -**





Magnolia 'Anne Leitner' ('Black Tulip' x 'J.C. Williams') - (Michael Gottschalck cross)





Softwood cuttings in May and June as soon as the new shoot can stand erect





*Magnolia* 'Elizabeth' (*acuminata* x *denudata*) - 85094-eis-213 - 2013.0430





*Magnolia* 'Elizabeth' (*acuminata* x *denudata*) - 92074-pds- L - 2020.0411





Jim Gardiner at Tervuren with *M acuminata*



Magnolia (*acuminata* x 'Norman Gould')





Jim Gardiner at Tervuren with *M acuminata*

*Magnolia* (*acuminata* x 'Norman Gould')



NUME	STATUS	NAME_WILD_PARENTS	Q	LOC	SOL	DATEPL1	TOTALDATA
96157	0	Magnolia ('Galaxy' x mollicomata) (Kehr 18-59)	1	201	div	96	96:gift from August Kehr, 01:0 probably spring frost in 00
17281	0	Magnolia (sieboldii 'Colossus' x grandiflora 'Kay Parris')	1	201	div	17	#10807, gift Michael Gottschalk, Ledvina cross, #CD-50112-01, 2205: cu
13022	0	Magnolia (sieboldii 'Colossus' x grandiflora)	1	201	pds	13	seed #7409 and cross by Frank Galyon, see his letter, 0808: mildew, 170
07109	0	Magnolia (sinensis 'Grandiflora' x officinalis var. biloba)	1	201	pds	07	sd. #6351, Cross #00/27 on 95075, naked virgin, (only two other spontar
15406	4	Magnolia (virginiana x tripetala 'Bloomfield')	1	201	bot	19	#20120689
05025	0	Magnolia (wilsonii x officinalis var. biloba)	1	201	pds	05	sd. #6334, Cross #00/33 89086 x 91124, naked virgin, 090516: flowering
85057	0	Magnolia 'Anne Rosse' (denudata x sargentiana var. robusta)	1	201	eis	87	*/99:always a superb flowering plant, early but a good hardy plant and ve
87144	0	Magnolia campbellii 'Charles Raffill'	1	201	spi	87	*/90/4:C, 95:super flwrg, 96:frosted in may with loss of 2/3 of branches !!
96167	3	Magnolia 'Cecil Nice' (denudata x sargent.)	1	201	div	97	purchased at Magnolia auction, 1996, 98:one of two stems could be stoc
18042	0	Magnolia dawsoniana 'Clarke'	1	201	ver	18	gift #14019, 210531: all new lvs hanging! St.1, bad news I suppose, 2107
85085	3	Magnolia dawsoniana 'Strybing'	1	201	eis	87	*/91/4:D,could be stock !! 96/10:plenty Armillaria around foot, has been w
96156	0	Magnolia dawsoniana 'Valley Splendour'	1	201	rut	97	96:gift from Jelena De Belder, nice dark buds on yellow wood, _98:big w
95052	0	Magnolia denudata (hybrid)	1	201	pds	96	cttg.4128:HKRD/93233 (ex Baleine), probably hbrd, 99:vigorous upright t
93252	0	Magnolia fraseri (Joyce Kilmer Mem.For.,US)	1	201	wld	95	Wld clct sdlg from Joyce Kilmer Memorial For. on BDB tour to Smokey M
99067	0	Magnolia fraseri var. pyramidata	1	201	rut	03	01:moved to p0N, had been eaten by roe deer in 268, all tips! 03: back to
01081	4	Magnolia grandiflora	1	201	pds	01	Cttg f5788 rom Hkrd # 74004, 200228: branches torn out by snow
07047	4	Magnolia grandiflora	1	201	pds	07	prop #7225, Cttg Hkrd 74004, 200228: branches torn out by snow
95378	4	Magnolia grandiflora 'Saint George'	1	201	div	96	gift from NI.Keuringskomitee on their visit 11.9.95, 00:lost its head in the
96178	4	Magnolia grandiflora 'Samuel Sommer'	1	201	rut	98	BDB #31174, gift from Rutten, 99/1:new growth hit by early frosts (nov 98
14015	0	Magnolia macrophylla (Johnston,AL,US)	1	201	wld	14	sd. #9669, MSI 2007, wld., Alabama, Winston Co., clctd. by Johnston, 17
20013	2	Magnolia macrophylla (Johnston,AL,US)	1	201	wld	20	wld. clctd sd. #11133, gift Jack Johnston, Winston Co., AL, USA, 2205: s
95242	0	Magnolia macrophylla subsp. ashei	1	201	pds	95	*/Sd. #1636 from Henry Found.,Penn see photo 870924 n°5 etc, 9906:de
84689	4	Magnolia 'Maryland' (virginiana x grandiflora)	1	201	spi	88	BDB #32380, (85:D) much more hardy than M. grandiflora; 0302: some d
84336	0	Magnolia obovata	1	201	esv	86	90:Strangled at base, 93:ok, 99:big wound at base, is closing nicely,_00:



Inventory : Eight important fields, using Access, or Excell, with a numbered field map





The joys of Inventory, Nomenclature and labelling





The joys of Inventory, Nomenclature and labelling





The joys of Inventory, Nomenclature and labelling











A photograph of a large, blooming pink cherry blossom tree in a park-like setting. The tree is the central focus, covered in dense, light pink flowers. It stands in a grassy area with other trees and shrubs in the background. The sky is clear and blue. The text "Good luck" is overlaid in white, bold, serif font across the middle of the image.

**Good luck**