

Magnolia x soulangiana 'Lilliputian': 'Lilliputian' Saucer Magnolia¹

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Introduction

Saucer Magnolia is a multi-stemmed, spreading tree, 15 feet tall with a 10 to 12-foot spread and bright, attractive gray bark. Growth rate is slow. Young trees are distinctly upright, becoming more oval, then round by 10-years-old. Large, fuzzy, green flower buds are carried through the winter at the tips of brittle branches. The blooms open in late winter to early spring before the leaves, producing small pink flowers, creating a nice flower display. However, a late frost can often ruin the flowers in all areas where it is grown. This can be incredibly disappointing since you wait 51 weeks for the flowers to appear. In warmer climates, the late-flowering selections avoid frost damage but some are less showy than the early-flowered forms which blossom when little else is in flower.

General Information

Scientific name: *Magnolia x soulangiana*

Pronunciation: mag-NO-lee-uh x
soo-lan-jee-AY-nuh

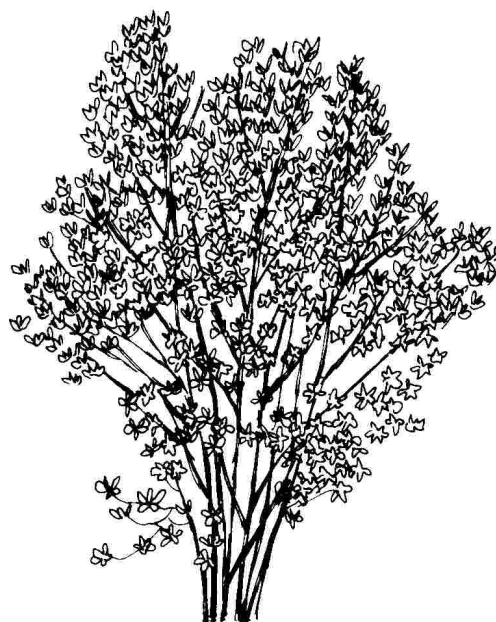


Figure 1. Middle-aged *Magnolia x soulangiana* 'Lilliputian': 'Lilliputian' Saucer Magnolia

Common name(s): 'Lilliputian' Saucer Magnolia

Family: *Magnoliaceae*

USDA hardiness zones: 5A through 9A (Fig. 2)

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Origin: not native to North America

Leaf type: simple

Invasive potential: little invasive potential

Leaf margin: entire

Uses: specimen; deck or patio; container or planter; espalier; shade

Leaf shape: obovate, oblong

Availability: not native to North America



Figure 2. Range

Description

Height: 12 to 15 feet

Spread: 10 to 18 feet

Crown uniformity: irregular

Crown shape: upright/erect, round

Crown density: open

Growth rate: slow

Texture: coarse

Foliage

Leaf arrangement: alternate (Fig. 3)

Leaf venation: pinnate, brachidodrome

Leaf type and persistence: deciduous

Leaf blade length: 2 to 4 inches, 4 to 8 inches

Leaf color: green

Fall color: yellow

Fall characteristic: showy

Flower

Flower color: pink, white/cream/gray

Flower characteristics: very showy

Fruit

Fruit shape: elongated, irregular

Fruit length: 1 to 3 inches

Fruit covering: dry or hard

Fruit color: red

Fruit characteristics: does not attract wildlife; not showy; fruit/leaves not a litter problem

Trunk and Branches

Trunk/bark/branches: branches droop; showy; typically multi-trunked; thorns

Pruning requirement: little required

Breakage: resistant

Current year twig color: brown

Current year twig thickness: medium

Wood specific gravity: unknown

Culture

Light requirement: full sun, partial sun or partial shade

Soil tolerances: sand; loam; clay; acidic; well-drained

Drought tolerance: moderate

Aerosol salt tolerance: none

Other

Roots: not a problem

Winter interest: yes

Outstanding tree: yes

Ozone sensitivity: unknown

Verticillium wilt susceptibility: susceptible

Pest resistance: resistant to pests/diseases

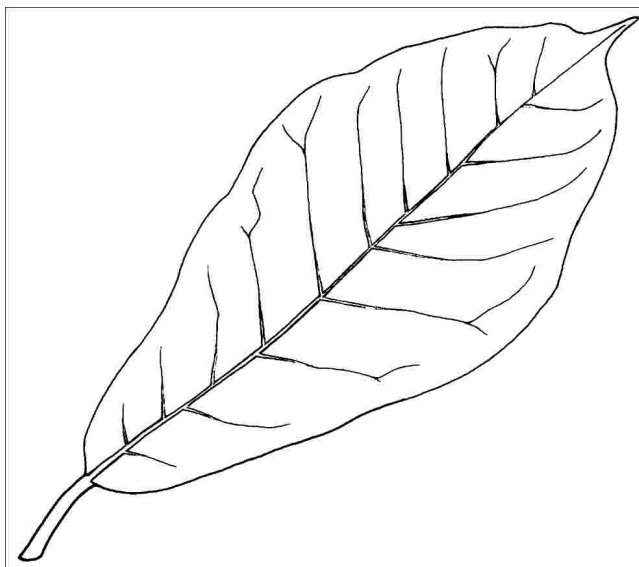


Figure 3. Foliage

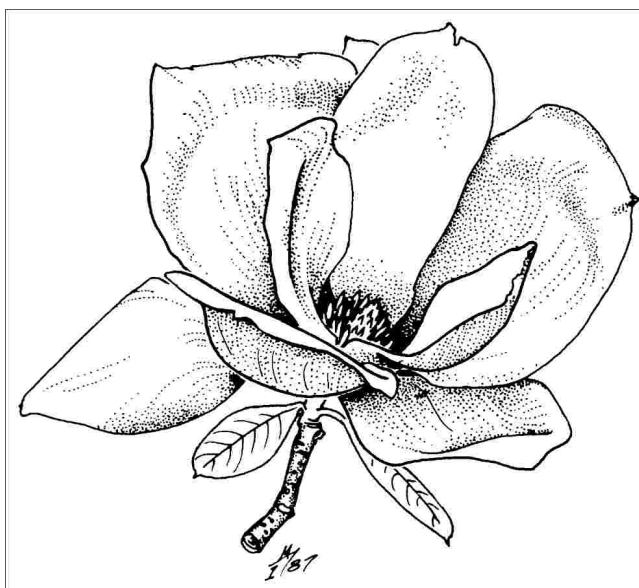


Figure 4. Flower

Use and Management

The tree is best used as a specimen in a sunny spot where it can develop a symmetrical crown. It can be pruned up if planted close to a walk or patio to allow for pedestrian clearance but probably looks its best when branches are left to droop to the ground. The light gray bark shows off nicely, particularly during the winter when the tree is bare.

Saucer Magnolia grows best in a sunny location in rich, moist but porous soil. It will tolerate poor drainage for a short period of time. Growth will be thin and leggy in a shaded spot but acceptable in part

shade. Saucer Magnolia dislikes dry or alkaline soil but will otherwise grow very well in the city. Transplant in the spring, just before growth begins, and use balled and burlapped or containerized plants. Older plants do not like to be pruned and large wounds may not close well. Train plants early in their life to develop the desired form.

Some Saucer Magnolia cultivars will be hard to find: `Alba' - flowers almost white; `Alexandrina' - flowers almost white; `Amabilis' - flowers white; `Andre LeRoy' - flowers dark pink to purplish outside, cup shaped; `Brozzonii' - flowers white shaded with purple; `Burgundy' - deep purple flowers, blooms earlier; `Grace McDade' - flowers white with pink at the petal bases; `Lennei' - flowers rosy purple outside, white flushed with purple inside, flowers large, blooms later; `Lombardy Rose' - similar to Lennei except flowers continue to open for several weeks; `Niemetzi' - upright growth; `Rubra' - (`Rustica', `Rustica Rubra') - similar to `Lennei'; `San Jose' - large flowers nearly as dark as `Lennei'; `Speciosa' - similar to `Alba' but it is last of the cultivars to bloom, a tall, upright, fast-growing tree; `Spectabilis' - flowers almost white; `Verbanica' - flowers clear rose pink outside, late blooming, slow-growing to 10 feet tall.

Pests

It is generally pest free. Scales of various types may infest twigs. Magnolia scale is the most common scale and can be one half-inch-across. Overwintering scales are usually controlled with horticultural oil.

Tulip-Poplar weevil (sassafras weevil) feeds as a leaf miner when young and chews holes in the leaves as an adult.

Diseases

It is generally disease free. Magnolia may be subject to leaf spots caused by bacteria or a large number of fungi. Leaf spots rarely require chemical controls. Rake up and dispose of infected leaves.

Canker diseases will kill branches. Cankers on branches can be pruned out. Keep trees healthy with regular fertilization and by watering in dry weather.

Verticillium wilt may cause death of a few branches or may kill the tree. Prune out dead branches and fertilize with high nitrogen fertilizer.