

## ***Magnolia kobus* var. *stellata* 'Rosea Jane Platt': 'Rosea Jane Platt' Star Magnolia<sup>1</sup>**

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Edward F. Gilman and Dennis G. Watson<sup>2</sup>

### **Introduction**

Star Magnolia is the hardiest of the Magnolias. It is a small tree or large shrub, 15 to 20 feet tall with a 10 to 15-foot spread. Typically branching close to the ground, the multi-stemmed form develops with a dense head of foliage. Star Magnolia makes a wonderful patio, lawn specimen or accent tree. Lower foliage can be removed to show off the trunk and to create more of a tree-form. Otherwise, the persistent lower branches and oval to round form lend a "large bush" look to the plant. When planted against a dark background, the branching pattern and light gray trunk on an older tree will show off nicely, particularly when lit up at night. The leafless winter silhouette looks great shadowed on a wall by a spotlight at night. The light pink flowers on this cultivar are produced in spring before the leaves appear, even on young plants. Flowers are usually not as sensitive to cold as Saucer Magnolia, but they can still be injured if cold weather arrives during flowering, as it occasionally will.



**Figure 1.** Middle-aged *Magnolia kobus* var. *stellata* 'Rosea Jane Platt': 'Rosea Jane Platt' Star Magnolia

### **General Information**

**Scientific name:** *Magnolia kobus* var. *stellata*

**Pronunciation:** mag-NO-lee-uh KOE-bus variety stell-AY-tuh

**Common name(s):** 'Rosea Jane Platt' Star Magnolia

**Family:** *Magnoliaceae*

**USDA hardiness zones:** 5A through 8B (Fig. 2)

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**Origin:** not native to North America

**Leaf type:** simple

**Invasive potential:** little invasive potential

**Leaf margin:** entire

**Uses:** deck or patio; specimen; container or planter

**Leaf shape:** oblong, obovate

**Availability:** not native to North America

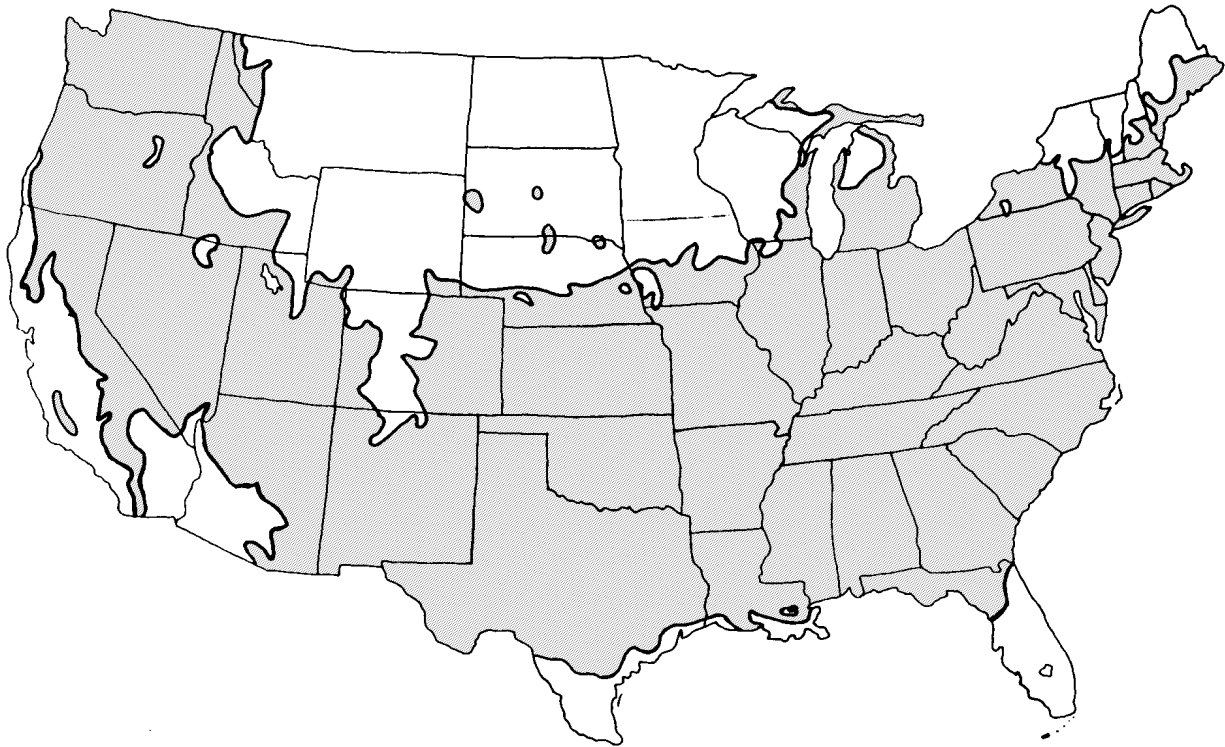


Figure 2. Range

### Description

**Height:** 15 to 20 feet

**Spread:** 10 to 15 feet

**Crown uniformity:** symmetrical

**Crown shape:** round

**Crown density:** moderate

**Growth rate:** slow

**Texture:** medium

### Foliage

**Leaf arrangement:** alternate (Fig. 3)

**Leaf venation:** pinnate, brachidodrome

**Leaf type and persistence:** deciduous

**Leaf blade length:** 2 to 4 inches

**Leaf color:** green

**Fall color:** yellow, copper

**Fall characteristic:** not showy

### Flower

**Flower color:** pink

**Flower characteristics:** very showy

### Fruit

**Fruit shape:** elongated, irregular

**Fruit length:** 1 to 3 inches

**Fruit covering:** dry or hard

**Fruit color:** brown

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

### Trunk and Branches

**Trunk/bark/branches:** branches droop; not showy; typically multi-trunked; thorns

**Pruning requirement:** little required

**Breakage:** resistant

**Current year twig color:** brown

**Current year twig thickness:** thin, medium

**Wood specific gravity:** unknown

### Culture

**Light requirement:** full sun, partial sun or partial shade

**Soil tolerances:** clay; sand; loam; acidic; slightly alkaline; 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

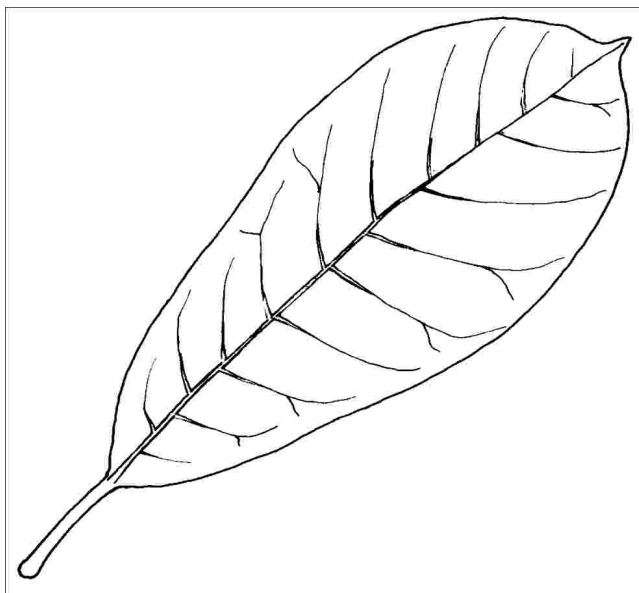


Figure 3. Foliage

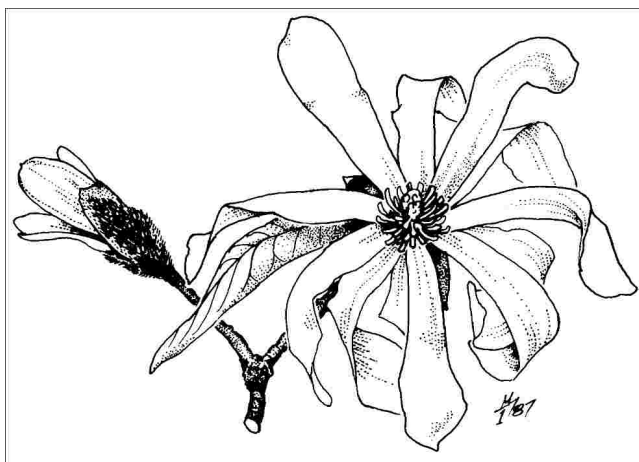


Figure 4. Flower

## Use and Management

Star Magnolia is intolerant of root competition or dryness, and plants grow slowly, perhaps one foot per year. Plant in the full sun in a rich, porous and slightly acid soil. It is hard to transplant successfully and in the north one report suggests moving it balled and burlapped when actively growing. I suspect this means after the tender growth has hardened off. In USDA hardiness zones 7 and 8, transplant in late winter while the plants are still dormant or plant from containers at any time.

There are a few other cultivars: 'Centennial' - some pink in petals; 'Keiskei' - flowers purplish on the outside; 'Rosea' (Pink Star Magnolia) - pale pink flowers; 'Rubra' (Red Star Magnolia) - purplish

flowers, darker than 'Rosea'; 'Waterlily' - pink flower buds, white flowers, flowers larger with narrower petals. The "Little Girl Hybrids" have an upright habit and flower later than the species, thus avoiding frost injury in most years. They include 'Ann', 'Betty', 'Jane', 'Judy', 'Randy', 'Ricki' and 'Susan'.

### **Pests**

Basically trouble-free although scales of various types may infest twigs and leaves. Magnolia scale is the most common scale and can be one half-inch-across. Overwintering scales can usually be 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**

No diseases are particularly troublesome. Magnolia may be subject to leaf spots, blights, scabs, and black mildews caused by a large number of fungi or by the bacterium *Pseudomonas syringae*. 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 regularly.