



Cooperative Extension Service
Institute of Food and Agricultural Sciences

*Calathea makoyana*¹

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Introduction

Beautifully marked leaves in various shades of green, cream, white, pink, and silver held aloft on maroon stems make Peacock Plant an attractive, clump-forming plant for outdoor use or as a house plant (Fig. 1). The undersides of the leaves are dark purple making a striking contrast to the lighter colored tops of the leaves. Flowers are small and inconspicuous to all but the astute observer. The striking foliage gives this plant distinction.

General Information

Scientific name: *Calathea makoyana*

Pronunciation: kal-luhth-EE-uh mack-oy-AY-nuh

Common name(s): Peacock Plant

Family: *Marantaceae*

Plant type: herbaceous; perennial

USDA hardiness zones: 10 through 11 (Fig. 2)

Planting month for zone 7: year round

Planting month for zone 8: year round

Planting month for zone 9: year round

Planting month for zone 10 and 11: year round

Origin: not native to North America

Uses: specimen; container or above-ground planter; border; ground cover; accent; suitable for growing indoors

Availability: generally available in many areas within its hardiness range

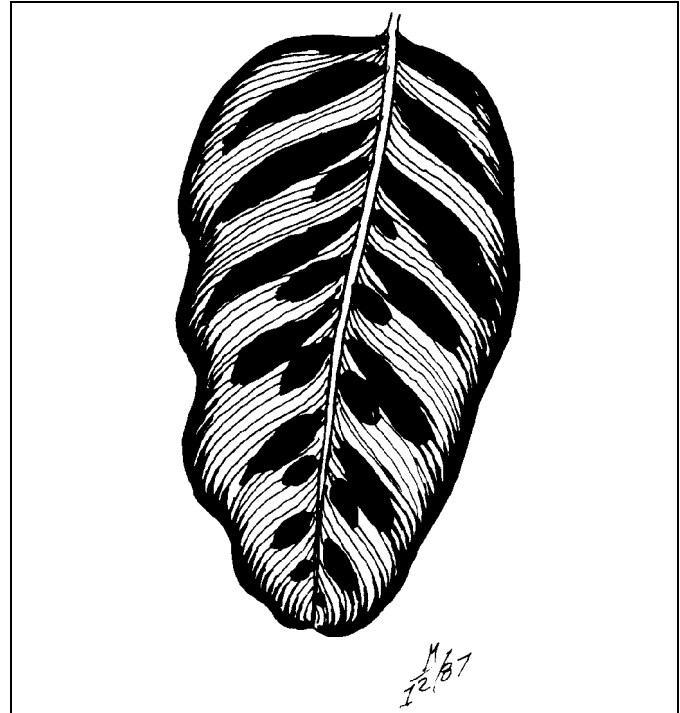


Figure 1. Peacock Plant.

Spread: 2 to 4 feet

Plant habit: upright

Plant density: moderate

Growth rate: moderate

Texture: coarse

Foliage

Description

Height: 2 to 4 feet

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Figure 2. Shaded area represents potential planting range.

Leaf arrangement: spiral
Leaf type: simple
Leaf margin: entire
Leaf shape: ovate
Leaf venation: pinnate
Leaf type and persistence: evergreen
Leaf blade length: 4 to 8 inches
Leaf color: variegated
Fall color: no fall color change
Fall characteristic: not showy

Flower

Flower color: white
Flower characteristic: flowers periodically throughout the year

Fruit

Fruit shape: unknown
Fruit length: less than .5 inch
Fruit cover: dry or hard
Fruit color: unknown
Fruit characteristic: inconspicuous and not showy

Trunk and Branches

Trunk/bark/branches: typically multi-trunked or clumping stems
Current year stem/twig color: green
Current year stem/twig thickness: thick

Culture

Light requirement: plant grows in the shade
Soil tolerances: clay; sand; loam; slightly alkaline; acidic
Drought tolerance:
Soil salt tolerances: poor
Plant spacing: 18 to 24 inches

Other

Roots: sprouts from roots or lower trunk
Winter interest: no special winter interest
Outstanding plant: not particularly outstanding
Invasive potential: not known to be invasive
Pest resistance: very sensitive to one or more pests or diseases which can affect plant health or aesthetics

Use and Management

A porous potting media high in organic matter is preferred for best leaf color and growth but avoid constantly wet soil as root-rots are quite damaging. Filtered light is needed as bright light will wash out the brilliant leaf colors. High humidity is vital for growth as a house plant, with daily mistings recommended. Plant on three-foot centers for mass planting outdoors. Peacock Plant also works well as a tall ground cover toward the front of a shrub border. It performs well in a container on a deck or patio in the shade.

Propagation is by cuttings or division.

Mites can be a serious pest problem, particularly if the plant is in a sunny location.

Pests and Diseases

No diseases are of major concern.