

# *Gleasonia* Standl.

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This treatment is composed of the following taxa: *Gleasonia*, *Gleasonia cururuensis*, *Gleasonia macrocalyx*, *Gleasonia prancei*, *Gleasonia uaupensis*.

## HOW TO CITE

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## DESCRIPTION

Shrubs to trees; young stem circular, yellow to brown hirsute or glabrous; stipules intrapetiolar, 2- or 4-lobate, glabrescent to dense hirsute. Leaves decussate; petioles without glands; lamina elliptic to obovate, acute to rounded at apex, truncate at base. Inflorescence cymose with incomplete developed axis, yellow to tawny hirsute or glabrescent, bracts linear or lanceolate. Flowers actinomorphic to slightly zygomorphic; calyx lobe 5, showy, white to reddish, spatulate or unguiculate; corolla infundibuliform, pink or violet, hispid externally, internally with purple lines in the throat, unequal corolla lobes; filaments 5, inserted in the middle portion of the corolla tube; inferior ovary, style tomentose. Fruit capsular, perianth scar at the apex of the fruit, brown when dry, glabrescent or sparse hirsute. Seeds 2 or more per locule.

## COMMENTS

*Gleasonia* is recognized by its intrapetiolar stipules, its flowers with showy calyx lobes and its actinomorphic or slightly zygomorphic, reddish corolla, and fruit with perianth scar near at the top of the fruit.

### Life Form

Tree

### Substrate

Terrestrial

## DISTRIBUTION

Native, Not endemic to Brazil

### Phytogeographic Domains

Amazon Rainforest

### Vegetation Types

Amazonian Campinarana, Inundated Forest (Igapó), Terra Firme Forest, Ombrophyllous Forest (Tropical Rain Forest)

**Geographic Distribution**Confirmed occurrences

North (Amazonas, Pará)

**IDENTIFICATION KEY**Key to the species of *Gleasonia*

1. Stipules 4-lobate.....*G. prancei*  
1'. Stipules 2-lobate.....2  
2. Stipules with ant nest ..... *G. uaupensis*  
2'. Stipules without ant nest .....3  
3. Calyx lobe spatulate, 1.7–2.7 × 0.4–0.7 cm.....*G. cururuensis*  
3'. Calyx lobe unguiculate, 4–9 × 0.7–2.4 cm..... *G. macrocalyx*

**REFERENCE**Rogers, G.K., *Gleasonia*, *Henriquezia*, and *Platycarpum*, *Flora Neotropica* vol. 39: 1-135

# *Gleasonia cururuensis* Egler

## DESCRIPTION

**Stem:** young terete. **Leaf:** phyllotaxy opposite decussate; **shape** elliptic/obovate; **apex** acute/acuminate; **base** attenuate; **indumentum** glabrescent; **stipule intrapetiolar** 2 - lobate. **Inflorescence:** cymose 11 - 13 long (cm). **Flower:** calyx 5 spatulate 1.7 - 2.7 long (cm); **reticulate venation** inconspicuous; **indumentum** pubescent; **corolla infundibular** 2.5 - 4 long (cm); **colour** pink - purple. **Fruit:** capsule widely ellipsoid. **Seed:** per locule 2 - many.

## Life Form

Tree

## Substrate

Terrestrial

## DISTRIBUTION

Native, Is endemic from Brazil

## Phytogeographic Domains

Amazon Rainforest

## Vegetation Types

Amazonian Campinarana

## Geographic Distribution

### Confirmed occurrences

North (Amazonas, Pará)

## HERBARIUM MATERIAL

W.A. Egler, 1032, NY,  (NY00131594), MG, Pará, **Typus**

## REFERENCE

Flora Neotropica 39

# *Gleasonia macrocalyx* Ducke

## DESCRIPTION

**Stem:** young ribbed/terete. **Leaf:** phyllotaxy opposite decussate; **shape** elliptic/obovate; **apex** acute/rounded/obtuse; **base** cuneate; **indumentum** glabrescent; **stipule intrapetiolar** 2 - lobate. **Inflorescence:** cymose 15 - 20 long (cm). **Flower:** calyx 5 unguiculate 4 - 9 long (cm); **reticulate venation** conspicuous; **indumentum** glabrescent; **corolla infundibular** unknown; **colour** unknown. **Fruit:** capsule urceolate. **Seed:** per locule 2 - many.

## Life Form

Tree

## Substrate

Terrestrial

## DISTRIBUTION

Native, Is endemic from Brazil

## Phytogeographic Domains

Amazon Rainforest

## Vegetation Types

Inundated Forest (Igapó)

## Geographic Distribution

### Confirmed occurrences

North (Amazonas)

## HERBARIUM MATERIAL

A. Ducke, 304, RB, NY,  (NY00131599), Amazonas, **Typus**

## REFERENCE

Flora Neotropica 39

# *Gleasonia prancei* Boom

## DESCRIPTION

**Stem:** young ribbed/quadrate. **Leaf:** phyllotaxy opposite; **shape** elliptic/wide (m) obovate/obovate; **apex** rounded/retuse; **base** attenuate; **indumentum** glabrescent; **stipule intrapetiolar** 4 - lobate. **Inflorescence:** cymose 8 - 16 long (cm). **Flower:** calyx 5 oblanceolate 5 - 6 long (cm); **reticulate venation** conspicuous; **indumentum** glabrescent; **corolla infundibular** 3.7 - 4 long (cm); **colour** pink. **Fruit:** capsule oblate. **Seed:** per locule 2 - many.

## Life Form

Tree

## Substrate

Terrestrial

## DISTRIBUTION

Native, Is endemic from Brazil

## Phytogeographic Domains

Amazon Rainforest

## Vegetation Types


Terra Firme Forest, Ombrophyllous Forest (Tropical Rain Forest)

## Geographic Distribution

### Confirmed occurrences

North (Amazonas)

## HERBARIUM MATERIAL

G.T. Prance, 29052, NY,  (NY00131599), INPA, Amazonas, **Typus**

## REFERENCE

Brittonia 37: 317-319. 1985

# *Gleasonia uaupensis* Ducke

## DESCRIPTION

**Stem:** young ribbed. **Leaf:** **phylotaxy** opposite; **shape** elliptic/obovate; **apex** acute/acuminate; **base** attenuate; **indumentum** pubescent/hirsute; **stipule intrapetiolar** 2 - lobate. **Inflorescence:** **cymose** 10 - 13 long (cm). **Flower:** **calyx 5** oblanceolate 2.7 - 4.8 long (cm); **reticulate venation** conspicuous; **indumentum** glabrescent; **corolla infundibular** 2 - 3.3 long (cm); **colour** pale purple. **Fruit:** **capsule** depressed ovate. **Seed:** **per locule** 2 - many.

## Life Form

Tree

## Substrate

Terrestrial

## DISTRIBUTION

Native, Is endemic from Brazil

## Phytogeographic Domains

Amazon Rainforest

## Vegetation Types

Amazonian Campinarana

## Geographic Distribution

### Confirmed occurrences

North (Amazonas)

## HERBARIUM MATERIAL

A. Ducke, 223, NY,  (NY01061707)

A. Ducke, 23737, K,  (K000173855), Amazonas, **Typus**

## REFERENCE

Flora Neotropica 39