

# *Zomicarpella* N.E.Br.

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Este tratamento é composto pelos seguintes táxons: *Zomicarpella*, *Zomicarpella amazonica*.

## COMO CITAR

Calazans, L.S.B., Valadares, R.T. 2020. *Zomicarpella* in **Flora do Brasil 2020**. Jardim Botânico do Rio de Janeiro. Disponível em: <http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB33941>.

## DESCRIÇÃO

Plant with 1-3 leaves and a dormant period of growth, otherwise evergreen. Rhizome creeping, 4-7 cm long and ca. 0.5 cm in diam., dark brown, with buds; roots 2.0-2.5 mm in diam. Petiole 10-15 cm long and 3-4 mm in diam., terete and slightly channeled (canaliculate) on upper side (towards leaf blade), dark green and sometimes reddish tinged; sheath short, 1.0-1.5 cm long. Leaf blade hastate-sagittate, 10-15 cm long and 6-9 cm wide, plain dark green or variegated with pale green blotches on upper surface and somewhat glossy, veins sunken, lighter green on lower surface and veins prominent; basal lobes obtuse, apex cuspidate; venation reticulate, midrib strong, 3-4 primary lateral veins on each side and mostly arising at the petiole insertion, the lower pair running into the basal lobes, veins of second order thinner, the primary lateral veins forming a submarginal collective vein 3-5 mm distance from the margin, a second thinner collective vein close (0.5-1.0 mm) along the margin. Inflorescences 1-2 in each floral sympodium, appearing with the leaves. Peduncle 5-14(-17) cm long and (1.8-)2-3 mm in diam., green (whitish on lower part) and spotted with small elongate red to reddish-brown blotches; enclosed at base by a few cataphylls, these up to (3-)4-5 cm long, whitish and red spotted. Spathe constricted, 4-6 cm long; tube convolute, 2.0-2.5 cm long; blade expanded, erect at first and then reflexed, 3.0-3.5 cm long, ca. 1.7 cm wide in the middle, apex acute; spathe outside whitish and spotted with small elongate red to red-brown blotches (as peduncle), inside cream-colored to whitish. Spadix shorter than spathe, 3.2-4.5 cm long; female zone adnate to spathe, 0.7-1.5 cm long and 3.0-3.5 mm in diam., male zone free, cylindrical, 1.0-1.5 cm long and 1.8-2.0 mm in diam., cream-colored; male and female flowers contiguous; appendix slender, 1.2-1.6 cm long and ca. 1 mm in diam., smooth, whitish and spotted with very small red to red-brown blotches, apex blunt. Flowers unisexual, naked. Male flowers densely arranged, consisting of one stamen only; stamens free, sessile to subsessile, ca. 0.5 mm long; connective inconspicuous; thecae opposite, subglobose, ca. 0.3 mm in diam., opening by apical pore. Pollen extruding in strings, cream-colored, pollen grains inaperturate, globular. Gynoecium depressed bottle-shaped; ovary depressed-globular and somewhat compressed laterally, ca. 1 mm in diam., whitish to very pale green, unilocular with 3-6 ovules on basal placenta; ovules anatropous, funicle quite short; style short, tapering towards stigma, 0.20-0.25 mm in diam. below stigma, brownish to red-brown; stigma small (not broader than style), discoid, 0.20-0.25 mm in diam., slightly papillose, brownish to red-brown. Infructescence with persistent lower part of spathe, this then dark red colored. Fruits a nearly globular berry, 5-7 mm in diam., whitish and somewhat reddish apically, with style and stigma remnant, 1-3-seeded. Seed irregularly ellipsoid, somewhat compressed laterally, 4-5 mm long and 2-3 mm wide, raphe conspicuous; testa thin, smooth, whitish; hilum somewhat sunken and deep purple around; usually connected with the swollen and enlarged funicle; embryo ellipsoid to pear-shaped, small, ca. 0.7 mm long; endosperm copious, white.

## COMENTÁRIO

Gênero de geófitas exclusivamente neotropical, com 2 espécies na Colômbia, Peru e Brasil. No Brasil, ocorre apenas *Z. amazonica* em áreas sombreadas de florestas de terra firme, em solo argiloso coberto por serrapilheira.

## Forma de Vida

Erva

**Substrato**

Terrícola

**DISTRIBUIÇÃO**

Nativa, não é endêmica do Brasil

**Domínios Fitogeográficos**

Amazônia

**Tipos de Vegetação**

Floresta de Terra Firme

**Distribuição Geográfica**

Ocorrências confirmadas

Norte (Amazonas)

**BIBLIOGRAFIA**

Bogner, J. 2009. The genus *Zomicarpella* N.E. Br. (Araceae). *Aroideana* 32: 8-18.

# *Zomicarpella amazonica* Bogner

## DESCRIÇÃO

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## COMENTÁRIO

Única espécie do gênero conhecida para o Brasil. Ocorre em áreas sombreadas de florestas de terra firme, em solo argiloso coberto por serrapilheira.

### Forma de Vida

Ervá

### Substrato

Terrícola

## DISTRIBUIÇÃO

Nativa, é endêmica do Brasil

### Domínios Fitogeográficos

Amazônia

### Tipos de Vegetação




Floresta de Terra Firme

### Distribuição Geográfica

#### Ocorrências confirmadas

Norte (Amazonas)

### MATERIAL TESTEMUNHO

J. Bogner, 1985, K,  (K000434793), K,  (K000434792), K,  (K000434791), Amazonas, **Typus**

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Bogner, J. 2009. The genus *Zomicarpella* N. E. Br. (Araceae). *Aroideana* 32: 8-18.