

Gearum N.E.Br.

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Este tratamento é composto pelos seguintes táxons: *Gearum*, *Gearum brasiliense*.

COMO CITAR

Valadares, R.T., Calazans, L.S.B. 2020. *Gearum* in **Flora do Brasil 2020**. Jardim Botânico do Rio de Janeiro. Disponível em: <http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB26509>.

DESCRIÇÃO

Seasonally dormant, tuberous herbs with aromatic exudate when cut. Leaf solitary. Petiole sheath distinct, about half length of petiole. Blade subpalmatifid to pedatisect, lobes or segments 5–9; primary lateral veins of each lobe forming submarginal collective vein on each side, higher order venation reticulate. Inflorescence solitary. Peduncle very short, much shorter than petiole. Spathe erect, slightly constricted, purplish, tube subcylindric, convolute, blade erect, gaping, oblong, cuspidate. Spadix sessile, shorter than spathe, fertile to apex, female zone shorter than male and separated from it by a sterile zone of synandrodies. Flowers unisexual, perigone absent. Male flower 4-androus, synandrium very shallow, subrhombic, truncate, subpeltate or flat and not subpeltate, thecae ± remote, situated near margin of synandrium, globose to oblong-ellipsoid, dehiscing by apical pore or occasionally by an oblique slit. POLLEN: ellipsoid, inaperturate, large (mean 56µm, range 52–60 µm), exine smooth (psilate) to scabrous-granulate. Sterile male flower composed of irregularly elongated, shallow, truncate synandrodies. Female flower densely crowded, gynoecium surrounded by usually 4 staminodes, staminodes laterally compressed, thick, rounded to obovoid or subtrapezoid, ovary subglobose, 3–4-locular, ovules 1 per locule, orthotropous, rather elongate, placenta axile at base of septum, stigma subsessile, ± discoid, slightly (3–)4-lobed. Fruit unknown.

COMENTÁRIO

Gênero geófito de distribuição restrita ao Cerrado do Brasil Central, onde a única espécie conhecida é encontrada em solos periodicamente inundados (campo limpo).

Forma de Vida

Erva

Substrato

Terrícola

DISTRIBUIÇÃO

Nativa, é endêmica do Brasil

Domínios Fitogeográficos

Cerrado

Tipos de Vegetação

Campo Limpo, Cerrado (lato sensu)

Distribuição Geográfica

Ocorrências confirmadas

Norte (Tocantins)

Centro-Oeste (Goiás, Mato Grosso)

BIBLIOGRAFIA

Mayo S.J., Bogner J., Boyce P.C. 1997. The genera of Araceae. Kew: Royal Botanic Gardens, Kew 370p.

Gearum brasiliense N.E.Br.

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MATERIAL TESTEMUNHO

E.G. Gonçalves, 672, MBM (MBM254134), UB (UB0001190), Tocantins

W.J. Burchell, 8111, K (K000434577), Goiás, **Typus**

E.G. Gonçalves, 654, UB,  (UB0001014), Tocantins

G. Hatschbach, 56028, MBM (MBM151007), Tocantins

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