



Astronium lecointei Ducke

Family: Anacardiaceae.

Synonymies: *Myracrodruon urundeuva* Allemão.

Popular names: Muiracatiara-rajada, aderno-preto, aroeira, aroeirão, gibatão-rajado, gomável, gonçaleiro, gonçalo-alves, guarabu-do-campo, guarabu-rajado, guaribu-preto, guaritá, guaritá-vermelho, muiracatiara, muiracatiara-branca, muiracatiara-preta, muiracatiara-vermelha, pau-gonçalo, sanguessugueira.

General characters: Heartwood/sapwood distinct by color.

Heartwood brownish. Without color alteration by photo-oxidation.

Growth ring boundaries distinct. Individualized by darker tangential fibrous zones. Wood without brightness in the longitudinal surfaces.

Imperceptible smell. Hard to the manual transversal cut. Grain irregular or interlocked. Texture medium. Figure present. Caused by stains or stripes of different colors.

Vessels/pores: Vessels present. Visible only by a 10x hand lens. Medium diameter (from 100 to 200µm). Diffuse-porous. Medium frequency (from 6 to 30 vessels/2mm²). Vessel groupings: similar proportions of solitary vessels and radial multiples. With less than 4 vessels. In undefined pattern. Of circular to oval outline. Perforation plates not observed even with a 10x hand lens. Majority of vessels blocked. By tyloses.

Axial parenchyma: Not observed; or observed. Only with a 10x hand lens. Banded. In narrow bands or lines; or marginal or seemingly marginal bands.

Rays: Observed. Only with a 10x hand lens on the transversal and tangential surfaces. Little contrast on the radial surface. Fine (smaller than 100µm of width). Low (shorter than 1mm of height). Of little frequency (from 5 to 10 rays/mm).

Storied structure: Absent.

Secretory structure: Not observed.

Cambial variants: Not observed.

Physical-chemical tests: Chrome azurol-s test negative. Fluorescence test negative. Basic specific gravity high (maior que 0,72g/cm³).

Geographical distribution: In the northern region of Brazil; or in the northeast region of Brazil.

Phytogeographic domain: Amazônia.

Conservation status: Not included in the official Brazilian flora list of endangered species. Not included in the CITES annex.

Data about commercialization: Included in the list of the 100 most commercialized native species in Brazil in 2008. Included in the list of the 100 most commercialized species in Brazil in 2009.

Other observations: The marginal parenchyma in thin bands is of difficult visualization, not being observed in some samples. The species of this genus are of difficult distinction, there is a great volume of wood in the market just in generic level.