

Pogonopus Klotzsch

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This treatment is composed of the following taxa: *Pogonopus*, *Pogonopus tubulosus*.

HOW TO CITE

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Has as synonym

homotypic *Chrysoxylon* Wedd.

heterotypic *Carmenocania* Wernham

heterotypic *Howardia* Klotzsch

DESCRIPTION

Shrubs, rarely **treelets**, much branched; outer branches often scandent, main trunk (when present) short. **Stipules** interpetiolar, free at base, sometimes adnate to the petioles, small, deltoid to shallowly triangular, persistent; stipules in apical buds with axillary colleters that secrete a sticky yellow resin. **Leaves** petiolate, elliptic to obovate, foliaceous; petioles short, thickened at base; domatia absent, or tuft domatia with sparse hairs (rarely pocket domatia). **Inflorescences** terminal, frondose, pyramidal, laxly paniculate, each lateral branch subtended by leaf-like bracts, terminating in a small cyme. **Flowers** protandrous; hypanthium obconical to obovoid (rarely turbinate). **Calyx** extremely reduced, caducous; lobes 5; 1-5 calyx lobes expanded into colorful calycophylls in some flowers. **Calycophylls** shortly stalked and blades ovate to obovate to reniform. **Corolla** tubular with short lobes, membranaceous or fleshy when fresh; tube cylindrical, basally constricted, with a ring of hairs at base inside; lobes 5, erect to spreading, triangular to ovate; aestivation valvate-reduplicate with contact zones. **Stamens** 5, exerted well above the corolla, attached near the base of the corolla tube (just above the constriction); filaments thin, with a tuft of hairs at base; anthers elliptic-oblong, dorsifixed at medial zone, dehiscing by longitudinal slit. **Pollen** tricolporate, exine reticulate. **Style** exerted well above the corolla; style branches linear to oblong. **Ovary** 2-celled, turbinate, glabrous, placentation axile; ovules many in each locule, horizontally inserted; immature fruits green and semi-carnose when fresh. **Capsules** obovoid, oblong to globose, truncate at apex, often with white lenticels; dehiscing loculicidally, disk septicidal dehiscence present in old capsules. **Seeds** many, horizontal, irregularly shaped, 3-5-angled, compressed.

COMMENTS

Pogonopus is commonly encountered as beautiful multi-stemmed shrubs (rarely single-stemmed trees), with highly ornamental red-purple calycophylls, easily recognizable because of its long-tubular pink-red flowers, small deltoid stipules with a tuft of hairs between them, and small capsules with horizontally inserted seeds. Its seeds are minute, non-winged, truncate at apex, and reticulate and minutely tuberculate exotesta (within the primary reticulation). Its bark is often reported to be a good remedy for malaria and intermittent fevers. *Pogonopus* is a genus of three species, and only one of them occur in Brazil.

Life Form

Shrub, Tree

Substrate

Terrestrial

DISTRIBUTION

Native, Not endemic to Brazil

Phytogeographic Domains

Amazon Rainforest, Central Brazilian Savanna

Vegetation Types

Terra Firme Forest, Seasonally Deciduous Forest

Geographic Distribution

Confirmed occurrences

North (Acre, Rondônia)

Central-west (Mato Grosso do Sul, Mato Grosso)

REFERENCE

Delprete, P. G. 1999. Rondeletieae (Rubiaceae) - Part I (Rustia, Tresanthera, Condaminea, Picardaea, Pogonopus, Chimarrhis, Dioicodendron, Molopanthera, Dolichodelphys, and Parachimarrhis). Flora Neotropica Monograph 77. The New York Botanical Garden Press, New York. 226 p.

Pogonopus tubulosus (A.Rich. ex DC.) K.Schum.

Has as synonym

basionym *Macrocnemum tubulosum* A.Rich. ex DC.
homotype *Calycophyllum tubulosum* A.Rich. ex DC.
homotype *Chrysoxylon tubulosum* (A.Rich. ex DC.) Kuntze
homotype *Howardia richardii* Wedd.
heterotypic *Chrysoxylon febrifugum* Wedd.
heterotypic *Howardia febrifuga* (Wedd.) Wedd.
heterotypic *Pogonopus febrifugus* var. *macrosema* Hutch.
heterotypic *Pogonopus febrifugus* (Wedd.) Hook.f.

DESCRIPTION

A species fairly common in primary and secondary forests and their remnants, in seasonal-dry forests (500-1400 m), and up to cloud forests (1600-2800 m), sometimes in clay-soils, of Peru, Bolivia, western Brazil, and northern Argentina.

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HERBARIUM MATERIAL

C.A. Cid Ferreira, 4939, NY, 1063379,  (NY01063379), Rondônia

B. Dubs, 1996, NY, 1005122,  (NY01005122), Mato Grosso

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Delprete, P. G. 1999. Rondeletieae (Rubiaceae) - Part I (Rustia, Tresanthera, Condaminea, Picardaea, Pogonopus, Chimarrhis, Dioicodendron, Molopanthera, Dolichodelphys, and Parachimarrhis). *Flora Neotropica Monograph 77*. The New York Botanical Garden Press, New York. 226 p.