

# *Mansoa alliacea* (Lam.) A.H. Gentry

**Synonyms** : *Adenocalymma alliaceum* , *Adenocalymma pachypus* , *Adenocalymma sagotii* , *Bignonia alliacea* , *Pachyptera alliacea* , *Pseudocalymma alliaceum* , *Pseudocalymma pachypus* , *Pseudocalymma sagotti* , *Pseudocalymma sagotti*

**Family** : Bignoniaceae

**Parts Used** : Root , Leaf, Bark

## **Vernacular Names**

English : Wild garlic, Amazonian garlic bush, False garlic

Malayalam : Veluthulli cheti



**Distribution and Habitat:** Evergreen tropical shrubby vine that is native to the Amazon rainforest. It is distributed throughout tropical South America.

**Botany:** It can either be described as a shrub or a vine since it produces numerous woody vines from the root that grow only 2-3 m tall and form a shrub-like appearance.

• **Leaves** : It produces bright green leaves up to 15 cm long

• **Flowers** : Beautiful deep lavender flowers with a white throat that fade to pale lavender, then to almost white. All three flower colors can be found on the plant simultaneously.

**Properties:** antibacterial, anti-inflammatory, antihistamine, antioxidant, antispasmodic, diuretic, hypotensive (lowers blood pressure), muscle relaxant, uterine relaxant

**Chemical constituents:** Chemicals reported include: 24-ethyl-cholest-7-en-3- $\beta$ -ol, 3-  $\beta$  -hydroxy-urs-18-en-27-oic acid, alliin, allyl sulfides,  $\alpha$  4-hydroxy-9-methoxy-lapachone,  $\alpha$  9-methoxy-lapachone, apigenins, aspartic acid,  $\beta$ -sitosterol,  $\beta$  amyirin,  $\beta$  -peltoboykinolic acid, cosmosiin, daucosterol, diallyl sulfides, 1-2: 3-vinyl-dithi-4-ene, 1-2: 3-vinyl-dithi-5-ene, dithiacyclopentene, dotriacontan-1-ol, fucosterol, glutamic acid, glycyrrhetol, hentriacontanes, hexacosan-1-ol, hexatriacontans, leucine, luteolin, n-nonacosane, oct-1-en-3-ol, octacosan-1-ol, pentatriacont-1-en-17-ol, scutellarein-7-o-beta-d-glucuronide, stigmasterol, triacontan-1-ol, triallyl sulfides, trithiacyclohexene, n-tritriacontane, and ursolic acid.

**Uses:** The plant is used for arthritis, rheumatism, coughs, colds, flu, pneumonia and upper respiratory conditions, fevers (malaria, flu, etc.), general inflammation (external and internal) and as a general pain-reliever (headaches, muscles, joints, body aches)

**Propagation:** By cuttings.

