Tachia is a genus of tropical American rainforest shrubs and small trees that are commonly used as medicines in the Amazon, mainly against malaria. They belong to the tribe Helieae in the gentian family, the Gentianaceae. There are 13 known species, some of which are quite rare.

Tachia characteristics:

Shrubs or trees without hairs, sometimes with sticky resin at the base of leaves and branches; branches often hollow. Leaves opposite, entire, without stipules. Flowers 1-2 together in leaf axils, not stalked. Calyx fused at base, with 5 lobes. Corolla white, yellow, or green, funnel- or salvershaped, with 5 lobes. Stamens 5, inserted in the corolla tube. Gynoecium superior, formed from 2 carpels; style 1, long; stigma with two small lobes. Fruit a woody capsule, splitting in two small parts from the top; seeds small and dark.





Common names of Tachia

- *I. guianensis* Guianan tachia *I. guianensis* – Guianan tachia *I. gracilis* – gracile tachia *T. grandifolia* – large-flowered tachia *T. lancisepala* – sharp-sepaled tachia *T. longipes* – long-leaved tachia *T. loretensis* – Loretian tachia *T. occidentalis* – western tachia *T. orientalis* – eastern tachia *T. parviflora* – small-flowered tachia *T. schomburgkiana* – Schomburgk's tachia *T. siwertii* – Siwert's tachia
- *T. smithii* Smith's tachia

Glossary

<u>leaf venation:</u> pinnate - with many side veins, like a feather arcuate - with few bending side veins

plant parts:

calyx – all sepals, fused at their base in Tachia *corolla* – all petals, fused in the lower part in Tachia *lobe* – the upper unfused parts of calyx or corolla *tree* – with one main stem *shrub* – with many stems from the base *petiole* – leaf stalk *keel* – distinct raised area, like a boat keel *ridge* – an indistinct raised area *wing* – a distinct narrow, thin raised area

<u>shapes:</u> *acute* – sharp tip *acuminate* – long, sharp tip

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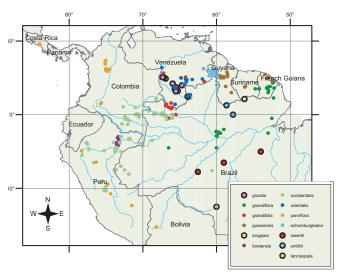
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