

Chemical Composition of *Tipuana tipu*, a Source for Tropical Honey Bee Products

Alberto dos Santos Pereira* and Francisco Radler de Aquino Neto

LADETEC, Instituto de Química, Universidade Federal do Rio de Janeiro, Ilha do Fundão, CT, Bloco A, Sala 607, Rio de Janeiro, RJ, Brazil – 21949-900. Fax 55-21-22 60-39 67.

E-mail: ladetec@iq.ufrj.br

* Author for correspondence and reprint requests

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Tipuana tipu (Benth.) Kuntze is a tree from the leguminosae family (Papilionoideae) indigenous in Argentina and extensively used in urbanism, mainly in Southern Brazil. The epicuticular waxes of leaves and branch, and flower surface were studied by high temperature high resolution gas chromatography. Several compounds were characterized, among which the aliphatic alcohols were predominant in branch, leaves and receptacle. Alkanes were predominant only in the petals and the aliphatic acids were predominant in stamen.

In branches and leaf epicuticular surfaces, six long chain wax esters series were characterized, as well as lupeol and b-amyrin hexadecanoates.

Key words: Epicuticular Wax, *Tipuana tipu*, High Temperature Gas Chromatography