

# The chemical composition of Amazonian plants<sup>(\*)</sup>

A Catalogue, edited by Setor de Fitoquímica, INPA,  
Manaus, Amazonas

**FAMILY :**

Myrtaceae

**OCCURRENCE :** Trombetas river, Pará

**LEAVES :**

essential oil (2,2%)

methylchavicol (98,7%)

terpenes (1,3%)

**REFERENCE :**

O. R. Gottlieb, M. Koketsu, L. Lannes Mcura, A. Moreira and M. Taveira Magalhães, *An. Acad. brasil. Ciênc.*, 42 : 143 (1970)

**SPECIES :**

*Calyptranthes* sp.

"pau de erva doce"

**FAMILY :**

Guttiferae

**OCCURRENCE :** Amazônia

**TRUNK WOOD :**

$\beta$  — sitosterol

lupeol

betulinic acid

friedelin

vanilin

1,2 - methylenedioxy - 3,8 - dihydroxyxanthone

1,5 - dihydroxy - 6,7 - dimethoxyxanthone

**REFERENCE :**

R. Alves de Lima, O. R. Gottlieb and A. A. Lins Mesquita, *An. Acad. brasil. Ciênc.*, 42 : 133 (1970).

**SPECIES :**

*Caraipa densiflora* Mart.

"tamaquari"

**FAMILY :**

Leguminosae — Cesalpinioideae

**OCCURRENCE :** Manaus, Amazonas

**SPECIES :**

*Eperua bijuga* Mart. ex Bth.

"muiarapiranga"

**LEAVES :**

friedelan — 3 < — ol

tricin (4', 5, 7 — trihydroxy — 3', 5' --- dimethoxyflavone)

**REFERENCE :**

O. R. Gottlieb and A.I. da Rocha, unpubished observation.

(\*) — Contributions to this catalogue, which will be continued in subsequent issues of this Journal, are invited, and should be submitted to the address given above.

FAMILY :

Guttiferae

OCCURRENCE : estuary of Amazonas river

TRUNK WOOD :

$\beta$  — sitosterol

lupeol

lupenone

betulinic acid

vanilin

REFERENCE :

R.Alves de Lima and O. R. Gottlieb, *An. Acad. brasil. Ciênc.*, 42 : 137 (1970).

SPECIES :

*Caraipa grandifolia* Mart.

"tamaquaré"

FAMILY :

Menispermaceae

OCCURRENCE : Janauari lake, Manaus, Amazonas

STEM WOOD OF THE VINE :

(-) - curine (I)

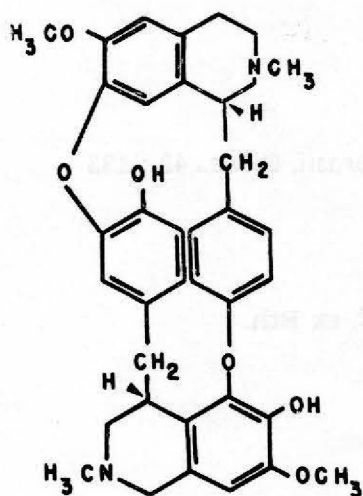
isochondendrine (II)

toxicoferine (III) 1:1 molecular complex of

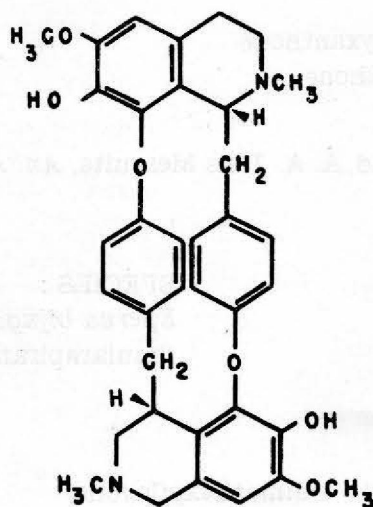
(-) - curine (I) and (-) - tubocurine (IV)

SPECIES :

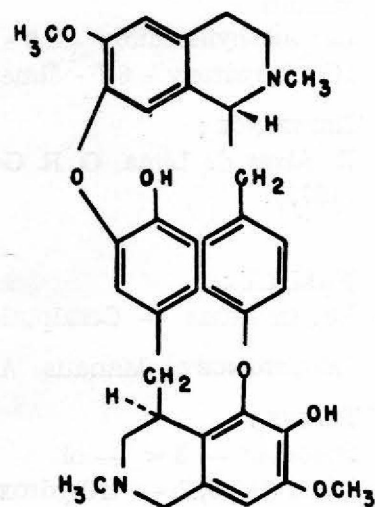
*Curarea toxicofera* (Wedd.) Barneby et Kruk.



I



II



IV

REFERENCE :

M.P.Cava, J.Kunitomo and A.I. da Rocha, *Phytochem.*, 8 : 2341 (1969).

FAMILY :

Leguminosae-Caesalpinioideae

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :

apigenin (4', 5, 7 - trihydroxyflavone)

REFERENCE :

O. R. Gottlieb and S. Lamêgo Vieira Pinho unpublished observation.

SPECIES :

*Crudia amazônica* Spr. ex Bth.

"lombrigueiro", "orelha de cachorro"

FAMILY :

Leguminosae-Papilionatae

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :

lupeol

5-0-methylgenistein (4',7-dihydroxy-5-methoxyflavone)

REFERENCE :

O. R. Gottlieb and A. I. da Rocha, unpublished observation.

SPECIES :

*Ormosia excelsa* Spr. ex Bth.

"tento amarelo"