

The chemical composition of Amazonian plants(*)

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

FAMILY:

Leguminosae-Caesalpinioideae

SPECIES:

Aldina heterophylla Bth.
"Macucu"

OCCURRENCE: Manaus, Amazonas

TRUNK WOOD:

Sitosterol

(+)-Maackiain [(6aS,11aS)-3-hydroxy-8,9-methylenedioxypterocarpan]

(±)-Maackiain

(±)-Demethylhomopterocarpan (3-hydroxy-9-methoxypterocarpan)

REFERENCE:

Braz Filho, R., Gottlieb, O. R., Lamêgo Vieira Pinho, S., Queiroz Monte, F. J. and da Rocha, A. I. (1973) *Phytochemistry* 12, 1184.

FAMILY:

Guttiferae

SPECIES:

Tovomita macrophylla (Pl. et Tr.) Walp.

OCCURRENCE: Manaus, Amazonas

TRUNK WOOD:

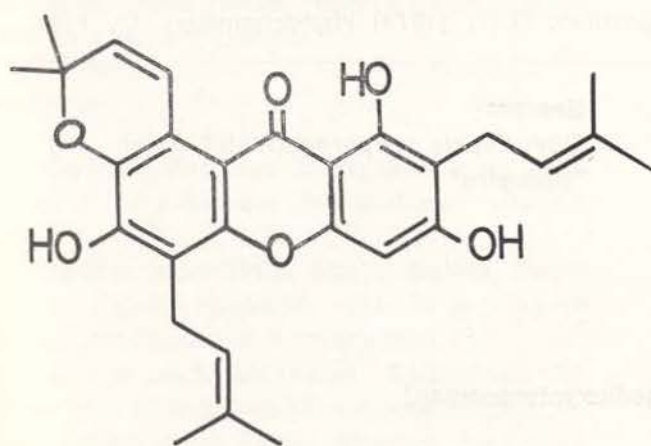
Sitosterol

B-Amyrin

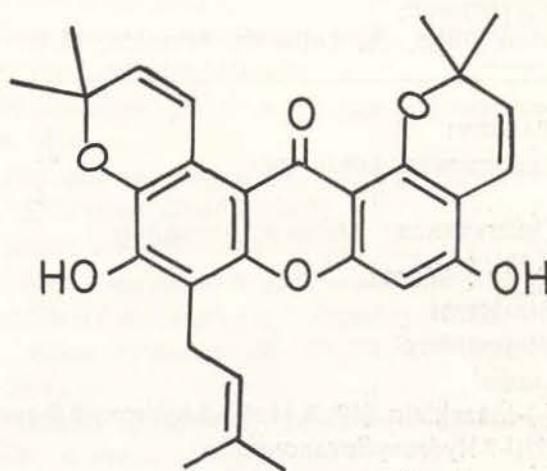
Betulinic acid

Tovophyllin-A [1,3,6-trihydroxy-2,5-diprenyl-6',6'-dimethylpyrano (2',3':7,8) xanthone] (I)

Tovophyllin-B [3,6-dihydroxy-5-prenyl-6',6'-dimethylpyrano (2',3':1,2)-6'',6''-dimethylpyrano (2'',3'':7,8) xanthone] (II)



(I)



(II)

REFERENCE:

Gonçalves de Oliveira, W., Gottlieb, O.R. and Lins Mesquita, A.A. (1972) *Phytochemistry* 11, 3323.

(*) — Contribution 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: Amazônia and Northeas of Brazil

TRUNK WOOD:

Lupeol

Betulin

Sitosterol

1,5-Dihydroxyxanthone (I, R¹=OH, R²=R³=H)

1,7-Dihydroxyxanthone (I, R³=OH, R¹=R²=H)

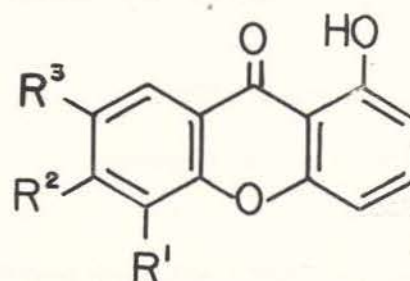
1,6-Dihydroxy-5-methoxyxanthone
(I, R¹=OMe, R²=OH, R³=H)

REFERENCE:

Braz Filho, R. Cavalcante de Magalhães, G. and
Gottlieb, O. R. (1970) *Phytochemistry* 9, 673.

SPECIES:

Rheedia gardneriana Pl. et Tr
"Bacuripari"



(I)

FAMILY:

Leguminosae-Lotoideae

OCCURRENCE: Manaus, Amazonas

TRUNK WOOD:

Tectorigenin

(S)-4-Methoxydalbergione

(6aS,11aS)-Demethylhomopterothecarpin

Dalbergin

7-Hydroxy-6-methoxy,3',4'-methylenedioxyisoflavone

Afromosin

Caviunin

7-O-Glycosylcaviunin

Tectoridin

REFERENCE:

Braz Filho, R., Leite de Almeida, M.E. and Gottlieb, O. R. (1973) *Phytochemistry* 12, 1187.

SPECIES:

Dalbergia riparia (Mart.) Bth.

FAMILY:

Leguminosae-Lotoideae

OCCURRENCE: Manaus, Amazonas

TRUNK WOOD:

Sitosterol

Stigmasterol

Lupeol

(-)-Maackiain [(6aR,11aR)-3-hydroxy-8,9-methylenedioxypterocarpan]

(2R)-7-Hydroxyflavanone

Formonetin

Isoliquiritigenin

Liquiritigenin

REFERENCE:

Braz Filho, R., Gottlieb, O. R., Lamêgo Vieira Pinho, S., Queiroz Monte, F. J. and da Rocha, A. I.
(1973) *Phytochemistry* 12, 1184.