

The chemical composition of Amazonian plants^(*)

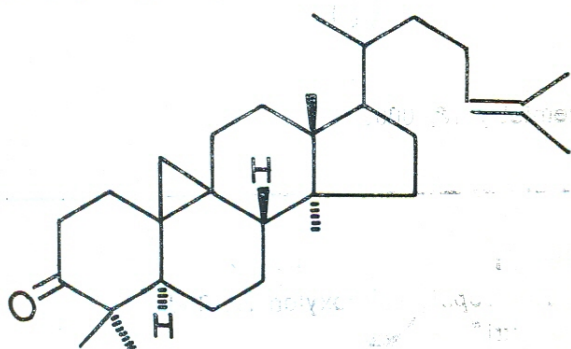
A Catalogue, edited by Setor de Fitoquímica, INPA, Manaus, Amazonas

FAMILY :
Leguminosae-Lotoideae

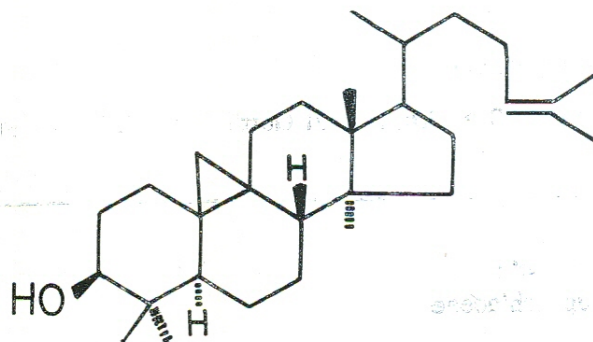
SPECIES :
Andira parviflora Ducke
"Angelim"

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :
Cycloartenone (I)
Cycloartenol (II)
Biochanin-A (5,7-Dihydroxy-4'-methoxyisoflavone)
(±)-5,7-Dihydroxy-4'-methoxyisoflavanone



(I)



(II)

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

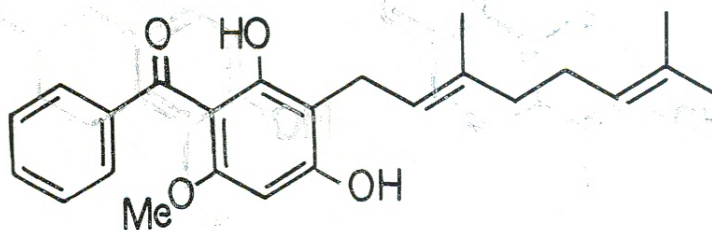
SPECIES :
Moronobea pulchra Ducke
"Marupá"

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :
Marupone (I)

REFERENCE :

Dias J. P. de P., Gottlieb, O. R. and Lins Mesquita, A. A. (1974) *Phytochemistry* 13, 000.



(I)

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

FAMILY :
Leguminosae-Papilionatae

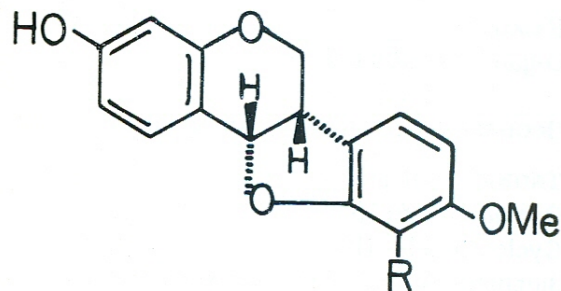
SPECIES :
Platymiscium trinitatis Benth.
"Macacauba"

OCCURRENCE : Widespread throughout the
non-inundable forests of Amazônia

TRUNK WOOD :

(6aS,11aS)-3-Hydroxy-9-methoxypterocarpan
(I, R=H).

(6aS,11aS)-3,10-Dihydroxy-9-methoxypterocarpan
(I, R=OH)



(I)

REFERENCE :

Aragão Craveiro, A. and Gottlieb, O. R. (1974) *Phytochemistry* 13, 000.

FAMILY :
Euphorbiaceae

SPECIES :
Micrandropsis scleroxylon W. Rodr.
"Acapuri"

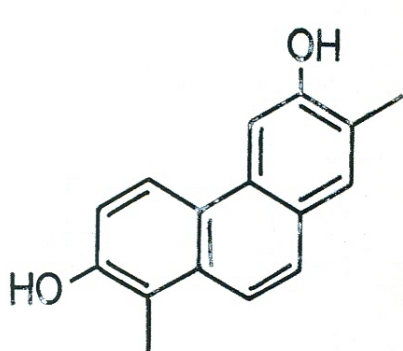
OCCURRENCE : Upland forest near Manaus, Amazonas

TRUNK WOOD :

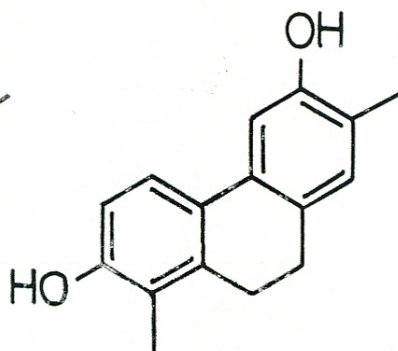
Micrandrol-A (I)

Micrandrol-B (II)

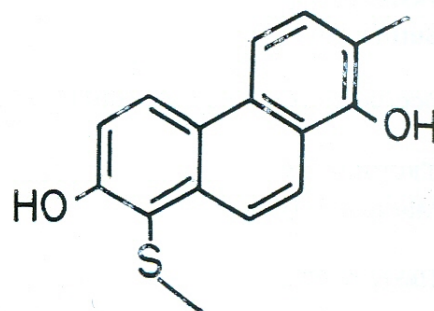
Micrandrol-C (III)



(I)



(II)



(III)

REFERENCE :

Alvarenga, M. A. and Gottlieb, O. R. (1974) *Phytochemistry* 13, 000.

FAMILY :
Leguminosae-Lotoideae

SPECIES :
Dalbergia inundata Benth.
"Cipó de tucunaré"

OCCURRENCE : Flooded banks of the Amazon river and its tributaries

TRUNK WOOD :

(S)-4-Methoxydalbergione

Formononetin (I, R¹=R²=R³=R⁵=H, R⁴=OMe)

Caviunin (I, R¹=H, R²=R³=R⁵=OMe, R⁴=Me)

3'-O-Methylorobol (I, R¹=OH, R²=R⁴=R⁵=H, R³=OMe)

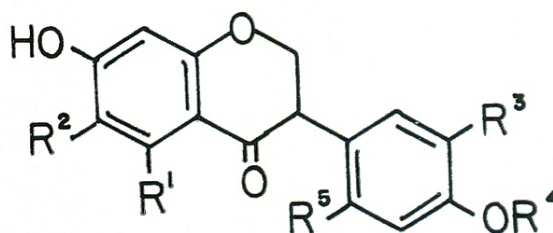
Lupenone

Stearic acid

Lupeol

Stigmasterol

Sitosterol



(I)

REFERENCE :

Leite de Almeida, M. E. and Gottlieb, O. R. (1974) *Phytochemistry* 13, 000.