

The chemical composition of Amazonian plants^(*)

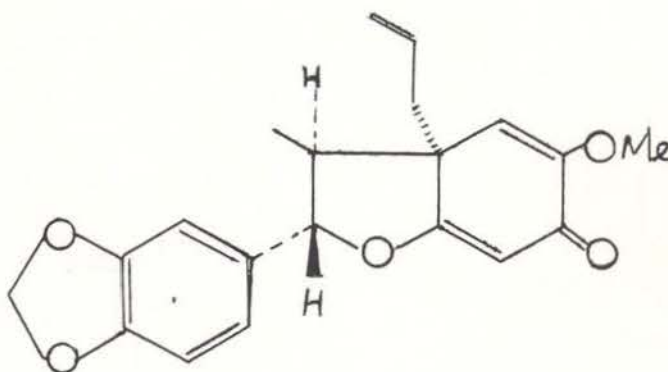
A Catalogue, edited by Setor de Fitoquímica, INPA, Manaus, Amazonas

FAMILY :
Lauraceae

SPECIE :
Aniba burchellii Kosterm.

OCCURRENCE : Amazônia

TRUNK WOOD :
benzyl benzoate
burchellin (I)



REFERENCE :

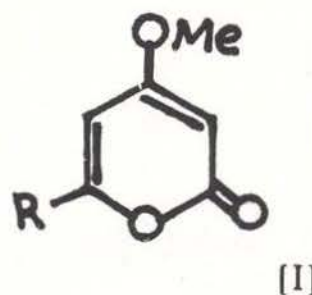
O. Araujo Lima, O. R. Gottlieb and M. Taveira Magalhães, *Phytochem*, 11, 2031 (1972).

FAMILY :
Lauraceae

SPECIE :
Aniba fragrans Ducke
"macacaporanga"

OCCURRENCE : Santarém Pará

TRUNK WOOD :
4-metoxypheylcoumalin (I, R= phenyl)
4-metoxyparacotion (I, R= piperonyl)
anibin (I, R= -pyridyl)
linalool
benzyl benzoate



(I)

REFERENCE :

W. B. Mors, M. Taveira Magalhães and O. R. Gottlieb, *An. Assoc. brasil. Quím.*, 19, 193 (1960).

(*) — 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 :

Lauraceae

OCCURRENCE : Amazônia

TRUNK WOOD :

benzyl benzoate
benzyl salicylate
3,4-dimethoxyallylbenzene
3,4-dimethoxypropenylbenzene
o-methyleugenol
o-methylisoeugenol

REFERENCE :

M. V. von Büllow, O. R. Gottlieb, J. M. Rivera and A. I. da Rocha, XXIII Anual Merting, S.B.P.C. (Curitiba, 1971).

SPECIE :

Aniba guianensis Aubl

FAMILY :

Meliaceae

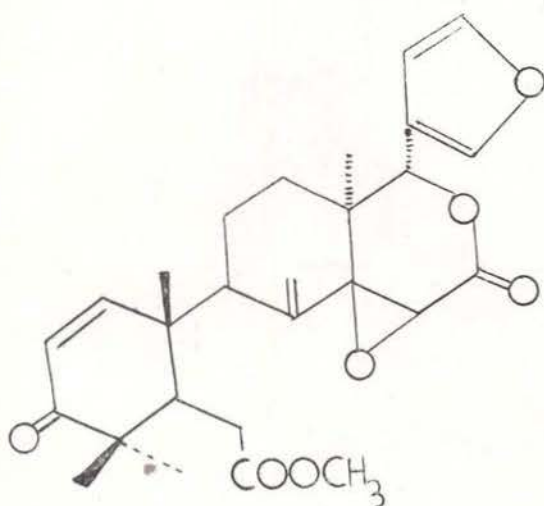
OCCURRENCE : Amazonas

SEEDS :

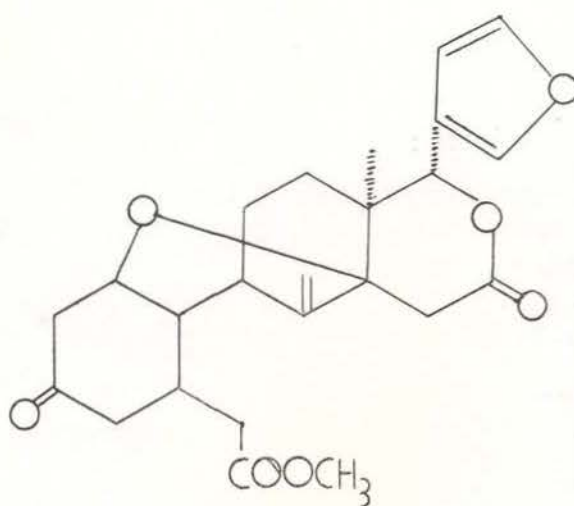
andirobin (I)
methyl angolensate (II)
7-deacetoxy-7-oxogedunin (III)
6- α -acetoxygedunin (IV)
6- α -hidroxygedunin (V)
epoxyazadiradion (VI)
6- α -acetoxy-epoxyazadiradion (VII)

SPECIE :

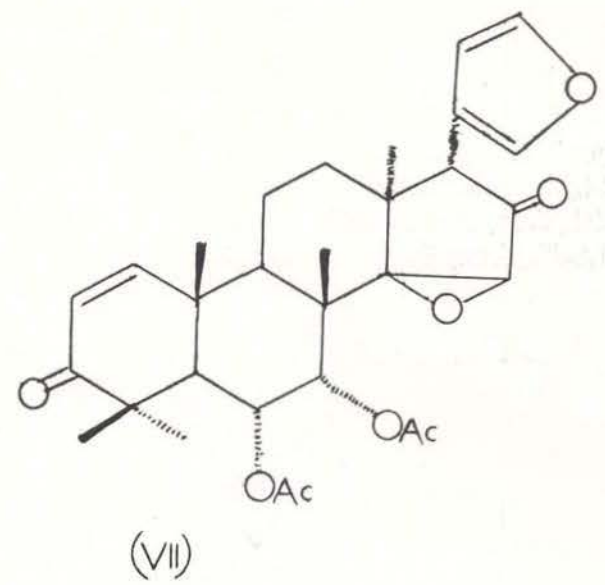
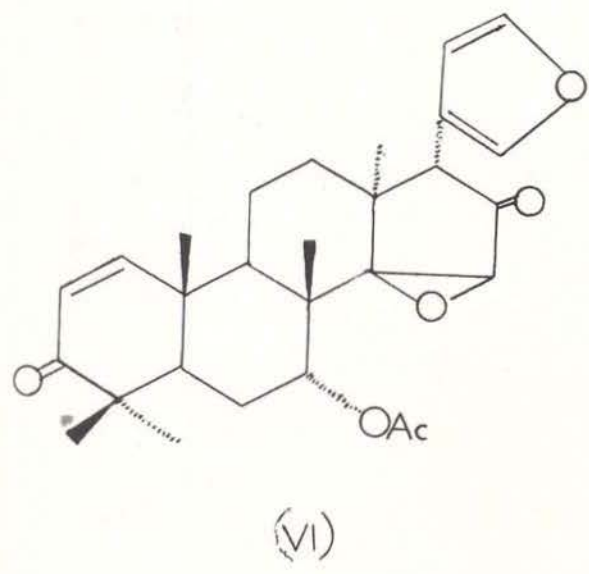
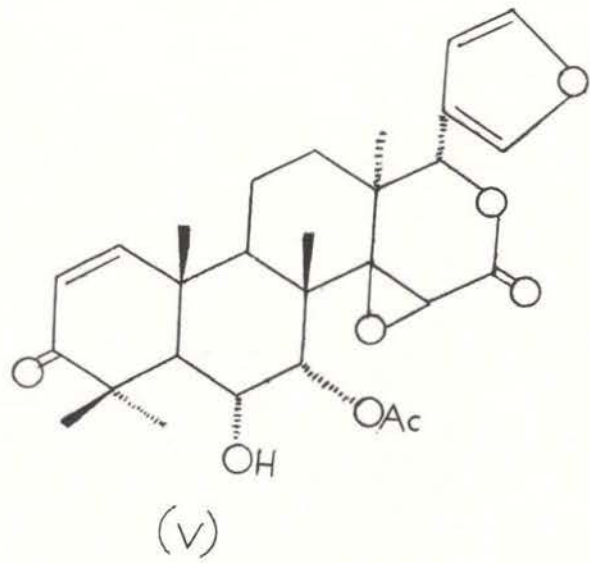
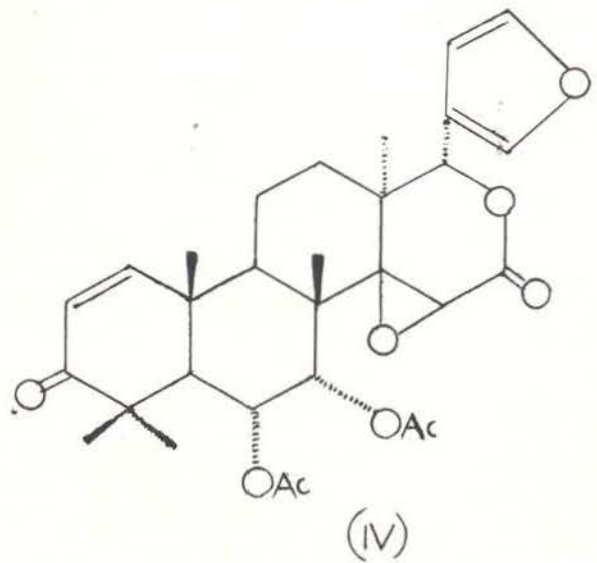
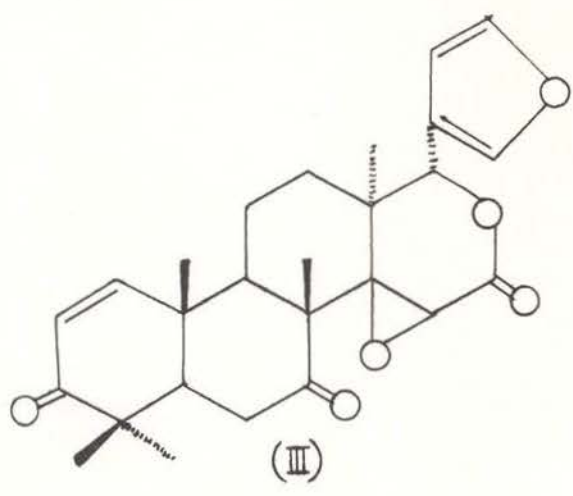
Carapa guianensis Aubl.



(I)



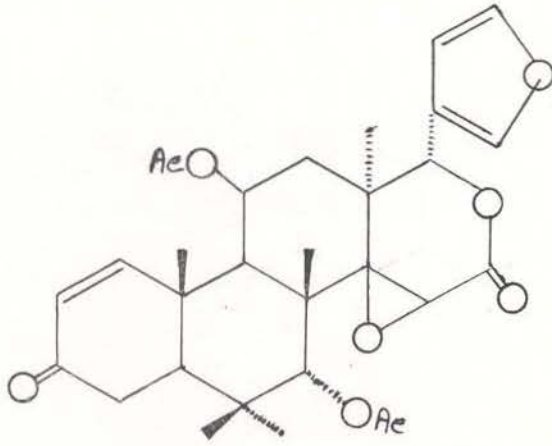
(II)



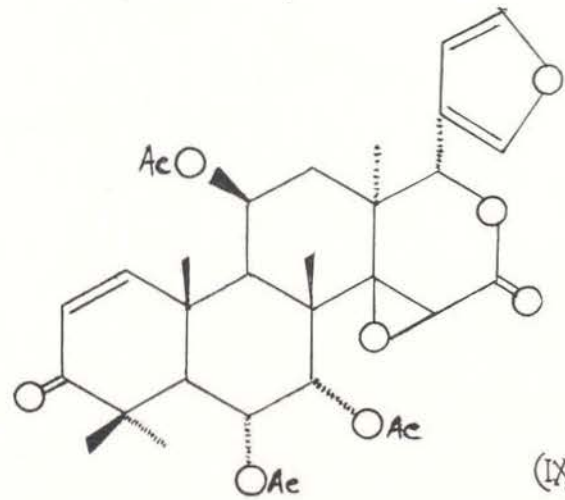
TRUNK WOOD :

11- β -acetoxygedunin (VIII)

6- α , 11- β -diacetoxygedunin (IX)



(VIII)



(IX)

REFERENCES :

1. W. D. Ollis, A. D. Ward, H. Meireles de Oliveira and R. Zelnik, *Tetrahedron*, 26, 1637 (1970).
2. D. Lavie, E. C. Levy and R. Zelnik, *J. Biorg. Chem.* (1972), no prelo.
3. J. D. Connolly, R. McCrindle, K. H. Overton and J. Feeney, *Tetrahedron*, 22, 891 (1966).

FAMILY :

Guttiferae

SPECIE :

Calophyllum brasiliense Camb.
"jacareuba", "guanandi"

OCCURENCE : Amazônia

TRUNK WOOD :

friedelin

sitosterol

guanandin | 1,5-dihydroxy-6-(3'3'-dimethylallyl)-xanthone |

isoguanandin | 1,5-dihydroxy-8-(3'3'-dimethylallyl)-xanthone |

6-dehydroxyjacareubin | 1,5-dihydroxy-2',2'-dimethylpyrano-(5',6':2,3)-xanthone |

jacareubin (I)

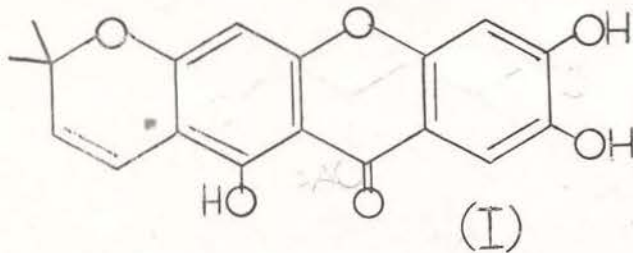
1-hydroxy-3,7-dimethoxyxanthone

gentisin (1,7-dihydroxy-3-methoxyxanthone)

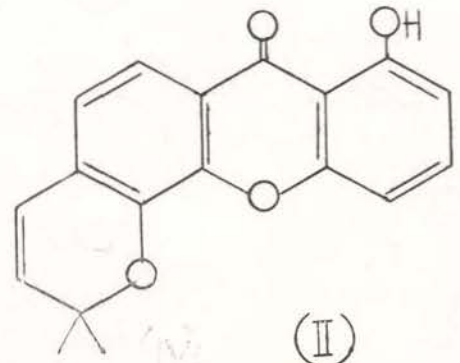
4-hydroxyxanthone

dehydrocycloguanandin (II)

1,3-dihydroxy-5-methoxyxanthone



(I)



(II)

REFERENCE :

1. M. O. de S. Pereira, O. R. Gottlieb and M. Taveira Magalhães, An. Acad. brasil. Ciênc., 38, 425 (1966).
2. M. O. de S. Pereira, O. R. Gottlieb and M. Taveira Magalhães, An. Acad. brasil. Ciênc., 39, 255 (1967).
3. O. R. Gottlieb, M. Taveira Magalhães, M. O. de S. Pereira, A. A. Lins Mesquita, D. de Barros Corrêa and G. G. de Oliveira, Tetrahedron, 24, 1601 (1968).

FAMILY :
Myrtaceae

SPECIE :
Myrcia citrifolia (Aubl.) Urb.

OCCURRENCE : Manaus, Amazonas

LEAVES :
 β -amyrin
eucalyptin (5-hydroxy-4',7-dimethoxy-6,8-dimethylflavone)

REFERENCE :

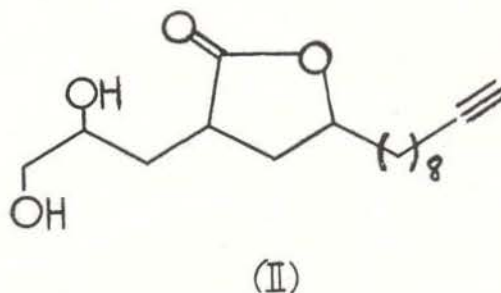
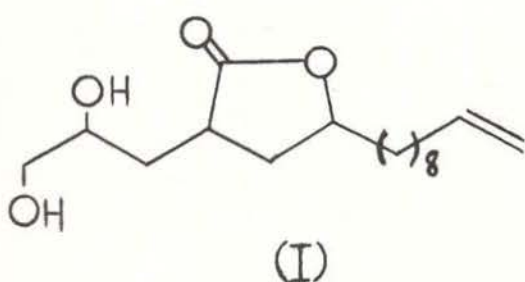
O. R. Gottlieb, M. Leão da Silva and J. G. Soares Maia, Phytochem., 10, 1185 (1971).

FAMILY :
Lauraceae

SPECIE :
Nectandra rubra (Mez) Allen

OCCURRENCE : Manaus, Amazonas

TRUNK WOOD :
rubrenolide (I)
rubrymolide (II)



REFERENCE :

N. Cavalcanti Franca, D. Coxon, O. R. Gottlieb and W. D. Ollis, Anais Acad. brasil. Ciênc. 43, 123 (1971).