

The chemical composition of Amazonian plants(*)

A catalogue, edited by setor de Fitoquímica, INPA, Manaus, Amazonas

FAMILY :
Guttiferae

SPECIE :
Caraipa psidifolia (Ducke)

OCCURRENCE: Pará

TRUNK WOOD :

Sitosterol
Lupeol
2-methoxyxanthone
1,5-dihydroxy-6,7-dimethoxyxanthone

REFERENCES :

- 1) Pimenta, A.; Mesquita, A.A.L.; Camey, M.; Gottlieb, O.R. & Magalhães, M.T., *An. Acad. Brasil. Ciênc.*, 36 (1) : 39-41 (1964)
- 2) Gabriel, S.J.; Gottlieb, O.R.; Lima, R.A. & Mesquita, A.A.L. *Acta Amazonica* 7(2) 1977 (no prelo)

FAMILY :
Guttiferae

SPECIE :
Caraipa grandifolia Mart.

OCCURRENCE: Amazonas

TRUNK WOOD :

Acid betulinic
4-hydroxy-2,3-dimethoxyxanthone
Cadesin-A
1,5-dihydroxy-6,7-dimethoxyxanthone
betulin.

REFERENCES :

- 1) Lima, R.A. de; Gottlieb, O.R. & Mesquita, A.A.L. *Phytochemistry*, 11(7) : 2307-2309 (1972)
- 2) Gottlieb, O.R.; Magalhães, M.T.; Camey, M.; Mesquita, A.A.L. & Corrêa, D. de B. *Tetrahedron*, 22 : 1777-1784 (1966)
- 3) Castelhão Jr., J.F.; Gottlieb, O.R.; Lima, R.A. de; Mesquita, A.A.L.; Gottlieb, H.E. & Wenkert, E. *Phytochemistry* 16 : 1977 (no prelo)
- 4) Gabriel, S.J.; Gottlieb, O.R.; Lima, R.A. & Mesquita, A.A.L. *Acta Amazonica* 7(2) 1977 (no prelo).

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

FAMILY :
Guttiferae

SPECIE :
Platonia insignis Mart.

OCCURRENCE: Manaus (AM)

TRUNK WOOD :

1,7-dihydroxyxanthone
1,6-dihydroxy-7-O-glycoxylxanthone
1,6,7-trihydroxyxanthone

REFERENCES :

- 1) Spoelstra, D.B. & Royen, M.J. Van, *Rec. trav. chim. Pays-Bas.*, 48 : 370-371 (1929)
- 2) Carpenter, I.; Locksley, H.D. & Scheinmann, F., *J. Chem. Soc.*, (C) 2421-2425 (1969)
- 3) Gabriel, S.J.; Gottlieb, O.R.; Lima, R.A. & Mesquita, A.A.L. *Acta Amazonica* 7(2) 1977 (no prelo).