

The chemical composition of Amazonian plants (*)

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

FAMILY :

Apocynaceae

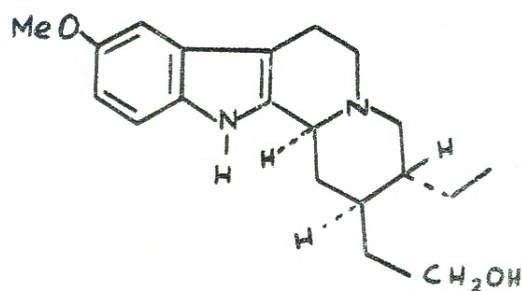
SPECIE :

Aspidosperma nitidum Benth ex Müll.
— Arg.

OCCURRENCE : Manaus (AM)

BARK :

10-methoxydihydrocorynantheol



REFERENCES :

- 1) Arndt, R.R., Brown, S.H., Ling, N.C., Roller, P., Djerassi, C., Ferreira, J.M., Gilbert, B., Miranda, E.C., Flores, S.E., Duarte, A.P., and Carrazzoni, E.P., *Phyt.* 6, 1653 (1967).

(*) — 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 :

Apocynaceae

OCCURRENCE : Território de Rondônia

BARK :

picraline (I)

deacetylpicraline (II)

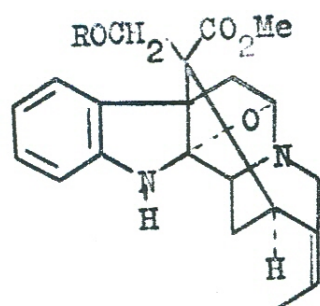
(—) — carapanaubine (III)

reserpiline

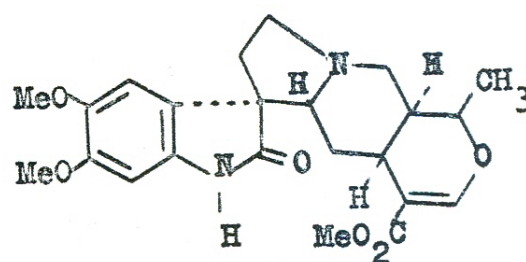
SPECIE :

Aspidosperma rigidum Rusby

≠ (*A. laxiflorum* Kuhl.)



(I) R = Ac
(II) R = H



(III)

REFERENCES :

- Arndt, R.R., Brown, S.H., Ling, N.C., Roller, P., Djerassi, C., Ferreira, J.M., Gilbert, B., Miranda, E.C., Flores, S.E., Duarte, A.P. and Carrazzoni, E.P. *Phyt.* 6, 1653 (1967).

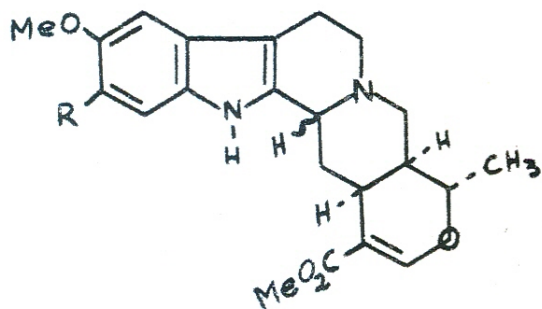
FAMILY :
Apocynaceae

SPECIE :
Aspidosperma marcgravianum Woodson

OCCURRENCE : Manaus (AM)

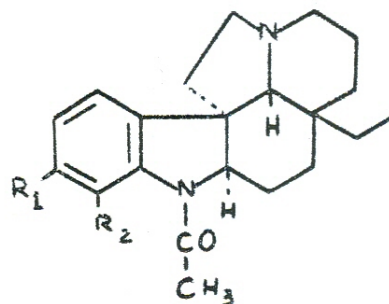
WOOD :

- aricine (I)
- reserpiline (II)
- (-)- demethoxyaspidospermine (III)
- (+)- aspidocarpine (IV)



(I) R = H; -H

(II) R = OMe; 3-H



(III) R₁ = R₂ = H

(IV) R₁ = OMe, R₂ = OH

REFERENCES :

- 1 — Gilbert, B., Antonaccio, L.D., and Djerassi, C., *J. Org. Chem.* 27, 4702 (1962).
- 2 — Arndt, R.R., Brown, S.H., Ling, N. C., Roller, P., Djerassi, C., Ferreira, J.M., Gilbert, B., Miranda, E.C., Flores, S. E., Duarte, A.P., and Carrazoni, E.P., *Phyt.* 6, 1653 (1967).