

The chemical composition of Amazonian plants (*)

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

FAMILY :

Apocynaceae

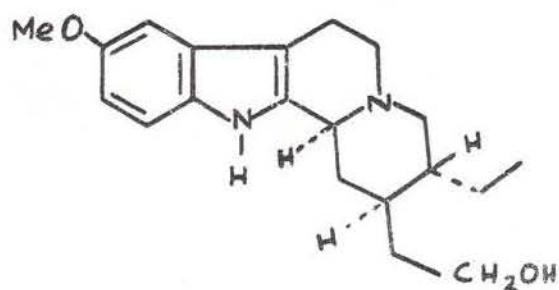
SPECIE :

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 Carazzoni, 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))

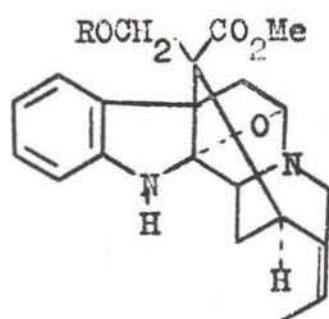
(—) — carapanaubine (III)

reserpiline

SPECIE :

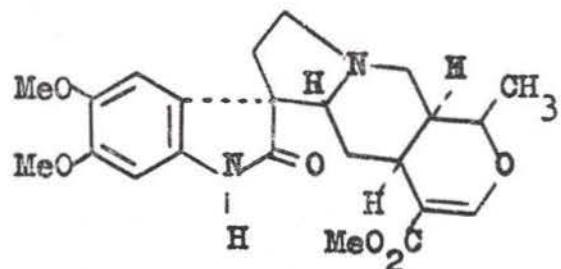
Aspidosperma rigidum Rusby

= (*A. laxiflorum* Kuhlm.)



(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 Carazzoni, E.P. *Phyt.* 6, 1653 (1967).

FAMILY :

Apocynaceae

SPECIE :

Aspidosperma marcgravianum Woodson

OCCURRENCE : Manaus (AM)

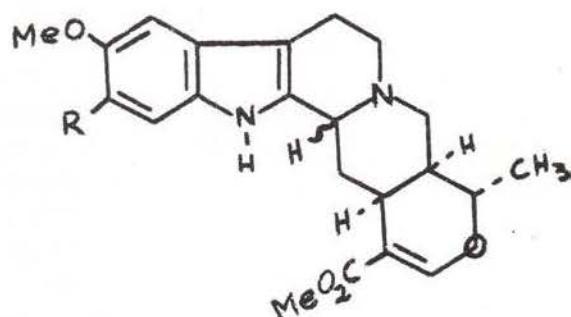
Wood :

aricine (I)

reserpiline (II)

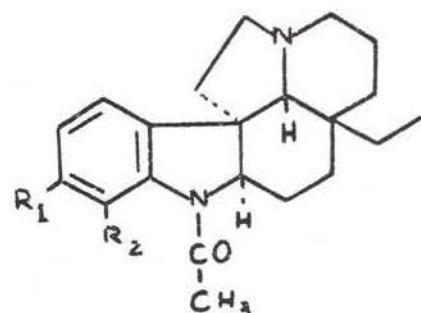
(—) — demethoxyaspidospermine (III)

(+) — 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 Carrazzoni, E.P., *Phyt.* 6, 1653 (1967).