

The chemical composition of Amazonian plants (*)

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

FAMILY
ICACINACEAE

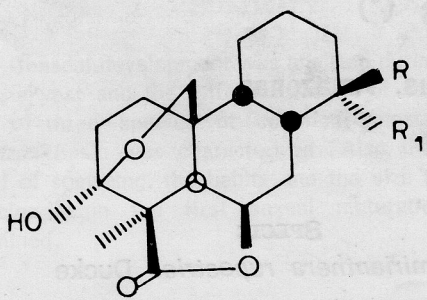
SPECIE
Humirianthera rupestris Ducke

OCCURRENCE : Manaus, Amazonas

TUBER :

- Humirianthenolide **A** (3,20-epoxy-8 β , 14-dihydro-3 α ,14 α -dihydroxy -15, 16, 17-tris-nor-9 β -pimaran-19, 6 β -olide) .
- Humirianthenolide **B** (3,20-epoxy-8 β -hydro-3 α -hydroxy-14-oxo -15, 16, 17-tris-nor-9 β -pimaran-19, 6 β -olide) .
- Humirianthenolide **C** (3,20-epoxy-3 α ,14-dihydroxy-13-oxo-15,16,17-tris-nor-9 β -pimaren-19,6 β -olide) .
- Humirianthenolide **D** (3, 20-16, 14-diepoxy-8 β -hydro-3 α -hydroxy - 16-oxo-nor - 9 β -pimar - 13-en- 19, 6 β -olide) .
- Humirianthenolide **E** (3, 20-epoxy-8 α -hydro-3 α -hydroxy-14-oxo-15, 16, 17-tris-nor-9 β -pimaran - 19, 6 β -olide) .
- Humirianthenolide **F** (3,20-epoxy-8 α , 14-dihydro-3 α , 14 β -dihydroxy-15, 16, 17-tris-nor-9 β -pimaran-19, 6 β -olide) .

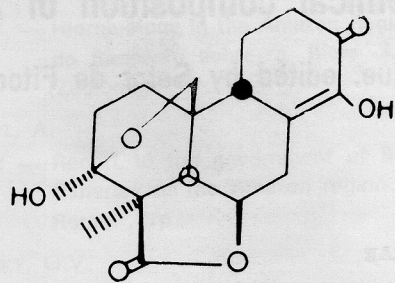
(*) — Contributions to this catalogue, which will be continued in subsequent issues of this Journal, are invited and should be submitted to address give above.



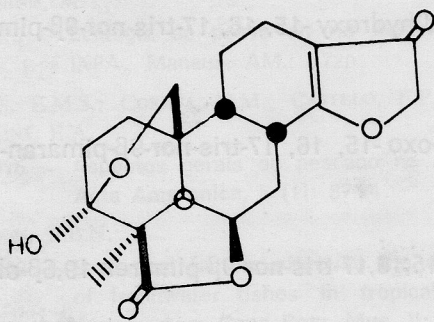
HA
HB

R=H
R=R₁=O

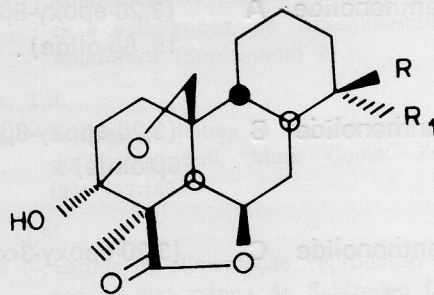
R₁=OH



HC



HD



HE
HF

R=R₁=O
R=OH

R₁=H

REFERENCE :

Zoghbi, Maria das Graças Bichara (1979) Taken from part of the DSc. Thesis submitte to Univer-
sidade de São Paulo, Brasil.