

119–120° [lit.² m.p. 119–120°]. Mass, NMR,² UV² and IR² spectral measurements corroborated the identification. *Leaves*. Seselin was detected in the ethanol extract by TLC.

² S. N. SHANBHAG, C. K. MESTA, M. L. MAHESHWARI, S. K. PAKNIKAR and S. C. BHATTACHARYYA, *Tetrahedron* **20**, 2605 (1964).

Key Word Index—*Naucleopsis caloneura*; Moraceae; pyranocoumarin; seselin.

Phytochemistry, 1972, Vol. 11, p. 1185. Pergamon Press. Printed in England.

MYRTACEAE

EUCALYPTIN FROM *EUGENIA* AND *MYRCIA* SPECIES*

O. R. GOTTLIEB, M. LEÃO DA SILVA and J. G. SOARES MAIA

Instituto Nacional de Pesquisas da Amazonia, Conselho Nacional de Pesquisas, Manaus, Brasil

(Received 21 September 1971)

Plants. *Eugenia biflora* (L.) DC., trivial name 'murta' *Myrcia citrifolia* (Aubl.) Urb., trivial name 'pedra-hume-caá', trees. *Source*. Manaus, Brasil.

Leaves. The light petroleum extracts were chromatographed on silica, giving β -amyrin and eucalyptin (5-hydroxy-4',7-dimethoxy-6,8-dimethylflavone), m.p. 198–200°, acetate, m.p. 245–246° [lit. m.p. resp. 198.5–200°² and 245–246°³]. Mass, NMR, UV and IR spectral measurements corroborated the identifications. Eucalyptin has previously been isolated from Australian *Eucalyptus*^{2,4–6} and *Angophora*⁶ species.

* Part III in the series "The Chemistry of Brazilian Myrtaceae". For part II see ref. 1.

¹ O. R. GOTTLIEB, M. KOKETSU, L. LANNES MOURA, A. MOREIRA and M. TAVEIRA MAGALHÃES, *Anais Acad. Brasil. Ciênc.* **42** (Suppl.), 143 (1970).

² D. H. S. HORN, Z. H. KRANZ and J. A. LAMBERTON, *Austral. J. Chem.* **17**, 464 (1964).

³ A. C. JAIN, P. D. SARPAL and T. R. SESHADRI, *Indian J. Chem.* **4**, 481 (1966); *Chem. Abs.* **66**, 94881 (1967).

⁴ M. A. ELKEIY, M. DARWISH, F. M. HASHIM and K. A. ASSEM, *Bull. Fac. Pharm. (Cairo Univ.)* **3**, 109 (1964); *Chem. Abs.* **64**, 14160 (1966).

⁵ W. E. HILLIS and K. ISOI, *Phytochem.* **4**, 541 (1965).

⁶ J. A. LAMBERTON, *Austral. J. Chem.* **17**, 692 (1964).

Key Word Index—*Eugenia biflora*; *Myrcia citrifolia*; Myrtaceae; eucalyptin; C-methylflavone.

Phytochemistry, 1972, Vol. 11, pp. 1185 to 1186. Pergamon Press. Printed in England.

RANUNCULACEAE

STIGMASTEROL AND HYDROCARBONS OF *CLEMATIS DRUMMONDII*

XORGE ALEJANDRO DOMÍNGUEZ, LOURDES DÁVILA and ASHOT MERIJANIAN

Departamento de Química, Instituto Tecnológico de Monterrey, Sucursal de Correos "J", Monterrey, N.L. Mexico

(Received 8 September 1971)

Plant. *Clematis drummondii*, Torr. & Gray. *Source*. Hills near to Monterrey, N.L. Mexico. *Uses*. Unknown. *Previous work*. On sister species.¹

¹ J. J. WILLAMAN and B. G. SCHUBERT, *U.S. Dept. Agric. Tech. Rep.* No. 1234, p. 183, Washington (1961).