

FOUQUIERIACEAE

EXTRACTIVES FROM THE FLOWERS OF *FOUQUIERIA SPLENDENS**

X. A. DOMÍNGUEZ, J. VELASQUEZ O. and D. GUERRA

Departamento de Química, Instituto Tecnológico y de Estudios Superiores de Monterrey,
Monterrey, N.L., Mexico

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Key Word Index—*Fouquieria splendens*, Fouquieriaceae; tetraeicosane; eicosene; sitosterol; quercetin.

Plant. *Fouquieria splendens*, Engelm. *Uses.* In medicine.¹ *Previous work.* On bark² and the bark of related species.³

Flowers. Extracted successively with light petroleum and then with EtOH. Each extract was chromatographed on silica gel. From light petroleum, *tetraeicosane*, C₂₄H₅₀, m.p., m.m.p. *eicosene*, C₂₀H₄₀ (M⁺ 280), m.p. 60–62°, not optical active, positive tetranitromethane test, *sitosterol*, C₂₉H₅₀O, m.p., m.m.p. [α] IR, co-TLC of sterol and its acetate with authentic specimens. On TLC, no ocotillol could be found. From EtOH, *quercetin*, m.p. 312–315°, m.m.p. IR, NMR, UV, co-TLC, *pentaacetate*, m.p. 192–194° m.m.p. co-TLC, IR, NMR and UV.

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¹ M. MARTÍNEZ, *Las Plantas Medicinales de México* 4a Ediciones Botas, p. 462, Mexico (1959).

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FUMARIACEAE, etc.

CONSTITUENTS OF INDIAN AND OTHER PLANTS*

S. SATISH and D. S. BIIAKUNI

Central Drug Research Institute, Lucknow, India

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Key Word Index—*Fumaria indica*; Fumariaceae; protopine; *Croton sparsiflorus*; Euphorbiaceae; vomifoliol; *Buxus wallichiana*; Buxaceae; betulinic acid; *Urginea indica*; Liliaceae; sitosterol.

Plant. *Fumaria indica* Pugsley, Fumariaceae. *Occurrence.* Throughout the greater-part of India. *Previous work.* *Fumaria vaillantii*^{1,2} *Source.* Mirzapur. U.P., India.

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¹ I. A. N. ISRAILOV, M. S. YUNUSOV and S. YUNUSOV, *Khim. Prir. Soedin* **3**, 194 (1968); *Chem. Abs.* **69**, 57449 (1968).

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