

SHORT COMMUNICATION

THE TRITERPENOIDS OF *PARAVALLARIS MAINGAYI* BARK*

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Plant. *Paravallaris maingayi* (Hook. f.) Kerr—Apocynaceae.

Uses. Unknown.

Previous work. On sister species.¹⁻¹⁵

Bark. Extd. petrol ether, chromatographed kieselgel.

Triterpene acetates from petrol ether-ether (49:1) fractions, separated by chromatography on argentized kieselgel into α -amyrin acetate, $C_{32}H_{52}O_2$ (0.087% of bark; m.p., i.r., TLC), ψ -taraxasteryl acetate, $C_{32}H_{52}O_2$ (0.00015%; m.p., i.r., TLC), taraxasteryl acetate (trace; TLC) and lupeol acetate, $C_{32}H_{52}O_2$ (0.045%; m.p., i.r., TLC).

Triterpene alcohols from petrol ether-ether (9:1) fractions, separated as acetates by chromatography (argentized kieselgel) into α -amyrin, $C_{30}H_{50}O$ (0.022%; m.p., i.r., TLC), lupeol, $C_{30}H_{50}O$ (0.012%; m.p., i.r., TLC), and ψ -taraxasterol, $C_{30}H_{50}O$ (0.0001%; m.p., i.r., TLC). *Sterols* from petrol ether-ether (4:1) fractions, from which β -sitosterol (0.005%; m.p., i.r., TLC) was crystallized.

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* Part III in the series "The Constituents of the Apocynaceae": for Part II, see *Phytochem.* 8, 2099 (1969).

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