

SHORT COMMUNICATION

THE ISOLATION OF LUPEOL FROM THE BARK
OF *HERITIERA UTILIS* (*TARRIETIA UTILIS*)

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Plant. *Heritiera utilis* (syn. *Tarrietia utilis*). Family: Sterculiaceae.

Uses. Timber.¹

Previous work. Wood resin.²

Bark. Extracted with light petroleum (60–80°), gave a white to yellow solid (1.2%). Preparative TLC on silica gel/benzene with 1% aqueous Rhodamine 6G spray and 254 nm light as detecting agents gave, after crystallization from light petroleum (60–80°), lupeol (27%) (mass spectra M^+ fd. 426.3869; $C_{30}H_{50}O$ calc. 426.3862; m.p.; mxd. m.p.; i.r. and ident. of i.r.; NMR).

¹ R. EHLERS and W. SANDERMANN, *Holz. Roh-u Werkstoff* **19**, 187 (1961).

² J. M. DALZIEL, *Useful Plants of West Tropical Africa*, p. 110, Crown Agents (1948).