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LAURACEAE

TERPENES FROM *LINDERA ERYTHROCARPA*

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Plant. Lindera erythrocarpa Makino. *Source.* Ehime Prefecture, Japan. *Uses.* Not known. *Previous work.* None.

Leaves. The essential oil (3·8 g, d_4^{25} 0·8606, n_D^{25} 1·4793, 0·06% yield) was isolated from the fresh leaves (6·3 kg) by steam distillation. Caryophyllene (19·7%) and geranyl acetate (31·7%) were isolated by preparative GLC (Carbowax 20 M–20%, at 160°) and identified by IR and NMR. The presence of α-pinene (6·8%), camphene (4·4%), β-pinene (2·1%), limonene (6·4%) and bornyl acetate (5·9%) were confirmed by GLC (PEG-6000-3%, 50-HB-2000-3% at 60–160°). Unknown constituents (23%).

Key Word Index—Lindera erythrocarpa; Lauraceae; terpenes; geranyl acetate; caryophyllene.

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TERPENES FROM *LINDERA GLAUCA*

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Plant. Lindera glauca (Sieb. et Zucc) Blume. *Source.* Hiroshima Prefecture, Japan. *Uses.* Not known. *Previous work.* None.

Leaves. The essential oil (120 mg, n_D^{25} 1·4972, 0·054% yield) was isolated from the fresh leaves (2·2 kg) by steam distillation. 1,8-Cineole (8·2%), caryophyllene (15·3%), and bornyl acetate (5·4%) were isolated from the oil by preparative GLC (Carbowax 20 M–20% at 150°) and identified by IR and NMR. Camphene (0·9%), β-pinene (1·1%), limonene (0·8%), were confirmed by GLC (Carbowax 20 M–3%, PEG-6000-3%). Unknown constituents (68·1%).

Key Word Index—Lindera glauca; Lauraceae; terpenes; caryophyllene.

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TERPENES FROM *LITSEA JAPONICA*

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