

RUTACEAE

Phebalium nudum Hook. ("Mairehau").

ESSENTIAL OIL: Citronellol, citral, camphene, limonene, terpinyl acetate, sesquiterpenes and sesquiterpene alcohols, acetic acid, isovaleric acid, cinnamic acid, unidentified phenol. —

Radcliffe, C. B., Short, W. F., 1928. *J. Soc. chem. Ind., Lond.*, 47: 324T.

BARK: D.-citronellal, geranial, neral, acetic acid, isovaleric acid, palmitic acid, cinnamic acid, isoeugenol, β -sitosterol, α -terpineol probably as isovalerate, furoquinoline alkaloids dictamnine, γ -fagarine, evolitrine, skimmianine, kokusaginine, 9-hydroxy-4-methoxy-furano (3,2-g) benzopyran-7-one, ellagic acid, phebalin (C₂₀H₁₈O₄, m.p. 175–176.5°), phebalarin (C₁₅H₁₈O₆, m.p. 125–126°), compound A (C₂₃H₄₄O, m.p. 81.5–82°), compound B (C₁₃H₂₆O, m.p. 94°), unidentified phenols. —

Briggs, L. H., Cambie, R. C., 1958. *Tetrahedron*, 2: 256.

WOOD: Citral, ellagic acid, dictamnine, skimmianine, kokusaginine, unidentified alkaloid. —

Cambie, R. C., 1959. *N.Z. J. Sci.*, 2: 254.

Melicope ternata J. R. et G. Forst. ("Wharangi").

ESSENTIAL OIL: Limonene, dipentene, aldehydes, esters, cinnamic acid, sesquiterpenes, sesquiterpene alcohols. —

Radcliffe, C. B., 1929. *Trans. N.Z. Inst.*, 60: 251.

BARK: Flavonols meliternatin, meliternin, ternatin, wharangin; xanthoxyletin. —

Briggs, L. H., Locker, R. H., 1949. *J. chem. Soc.*: 2157, 2162.

Briggs, L. H., Locker, R. H., 1950. *J. chem. Soc.*: 864.

Briggs, L. H., Locker, R. H., 1951. *J. chem. Soc.*: 3131, 3136.

Melicope ternata J. R. et G. Forst. var. *mantelli* Buch.

BARK: Meliternatin, meliternin, ternatin, wharangin, xanthoxyletin, cinnamic acid. —

Cambie, R. C., 1960. *J. chem. Soc.*: 2376.

Melicope simplex A. Cunn. ("Poataniwha").

BARK: Flavonols meliternatin, ternatin, melisimplexin, melisimplin; evodionol, alloevodionol-7-methyl ether. —

Briggs, L. H., Locker, R. H., 1950. *J. chem. Soc.*: 2376, 2379.

Briggs, L. H., Locker, R. H., 1951. *J. chem. Soc.*: 3131.

MELIACEAE

Dysoxylum spectabile Hook. f. ("Kohekohe").

HEARTWOOD: (+)-catechin, β -sitosterol, tannins. —

Cambie, R. C., 1959. *J. chem. Soc.*: 468.

BARK: Ketone m.p. 89–90°, tannins. —

Cambie, R. C., 1959. *J. chem. Soc.*: 468.

SEED OIL: Glycerides, fatty acids. —

Brooker, S. G., 1960. *Trans. roy. soc. N.Z.*, 88: 157.