

Metrosideros kermadecensis W. R. B. Oliver (*M. villosa* Kirk)

ESSENTIAL OIL. Sesquiterpene b.p. 131–135°, sesquiterpene esters, sesquiterpene alcohols. —

Gardner, R., 1931. *J. Soc. chem. Ind. Lond.*, 50: 141T.

Metrosideros excelsa Gaertn. (“Pohutukawa”).

ESSENTIAL OIL: Sesquiterpene b.p. 131–135°, sesquiterpene esters, sesquiterpene alcohols. —

Gardner, R., 1931. *J. Soc. chem. Ind. Lond.*, 50: 141T.

FLOWERS: Betulic acid, ursolic acid, gallic acid, methyl gallate, ellagic acid. —

Cambie, R. C., Seelye, R. N., 1961. *N.Z. J. Sci.*, 4: 189.

Metrosideros robusta A. Cunn. (“Rata”).

ESSENTIAL OIL: Terpenes and terpene alcohols, α -pinene (?), β -pinene (?), limonenes, dipentene, sesquiterpene b.p. 131–135°, sesquiterpene alcohol. —

Gardner, R., 1931. *J. Soc. chem. Ind. Lond.*, 50, 141T.

BARK: Tannins. —

Skey, W., 1873. *Ann. Rept. Colonial Mus.*, 8: 24.

Aston, B. C., 1918. *N.Z. J. Agric.*, 16: 358; 17: 136. (1917; 15: 121?*)

Metrosideros umbellata Cav.

ESSENTIAL OIL: (+)- α -pinene, (—) and (\pm)- β -pinene, myrcene, (+)-limonene, dipentene, (\pm)- α -terpineol, (+)-myrtenyl acetate, geranyl acetate, (+)-aromadendrene, (+)-cadinene, terpene ester, sesquiterpene alcohol b.p. 112–116°_{3mm.}, (—)-metrosiderene. —

Gardner, R., 1928. *N.Z. J. Sci. Tech.*, 61: 47.

Gardner, R., 1931. *J. Soc. chem. Ind. Lond.*, 50: 141T.

Corbett, R. E., Hanger, W. G., 1953. *J. Sci. Food Agric.*, 4: 508.

Corbett, R. E., Hanger, W. G., 1954. *J. chem. Soc.*: 1179.

BARK: Tannins. —

Aston, B. C., 1918. *N.Z. J. Agric.*, 17: 136.

HEARTWOOD: Arjunolic acid, tannins. —

Corbett, R. E., Bailey, M. R. Person. Comm.

Metrosideros parkinsonii Buchan.

ESSENTIAL OIL: Sesquiterpene b.p. 131–135°, sesquiterpene alcohol. —

Gardner, R., 1931. *J. Soc. chem. Ind. Lond.*, 50: 141T.

Metrosideros fulgens Druce (*M. florida* of Cheeseman). (“Aka-kura”, “aka-tawhiwhi”).

ESSENTIAL OIL. Sesquiterpene b.p. 131–135°, (—)-cadinene or isomer, (—)-aromadendrene. —

Gardner, R., 1931. *J. Soc. chem. Ind. Lond.*, 50: 141T.

Birch, A. J., 1953. *J. chem. Soc.*: 715.

BARK: Tannins. —

Aston, B. C., 1917. *N.Z. J. Agric.*, 15: 121. (?*)

* It is not clear which species of *Metrosideros* has been examined in this paper.