THWAITESIC ACID, A NEW LEAF ACID FROM TWO *CALOPHYLLUM* SPECIES (GUTTIFERAE)

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Calophyllum lankaensis Kosterm. and *C. thwaitesii* Planch and Triana leaves were dried and were separately extracted with hot light petroleum (60-80°C). The acid fraction of the extracts were found to be a mixture of acids. In each case the following two acids were identified: Thwaitesic acid (ca. 30%) and Calozeylanic acid (ca.30%) (1). The latter was the major acid of the bark extractives of these two *Calophyllum* species. Thwaitesic acid is a new acid and has been identified as 2,2-dimethyl-5,7-dihydroxy-8-(2-carboxy-1-phenylethyl)-3,4-dihydro -2-chromen.

Reference

1. Samaraweera U., Sotheeswaran S. *and* Sultanbawa M. U. S., *Tet. Letters*, **22** (50), 5083 (1981).