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Secondary Metabolites from Calophyllum Sclerophyllum and Calophyllum Hoseii

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Calophyllum spp have been known for their biological activities. This genus belongs to the Guttifereae family where are rich with secondary metabolites such as xanthenes, flavonoids and coumarins. Our recent phytochemical study on the bark of *Calophyllum sclerophyllum* and *Calophyllum hoseii* has led to the isolation of six xanthenes, one coumarin and one flavanoid. These compounds are macluraxanthone (1), trapezifolixanthone (2), rubraxanthone (3), thwaitesixanthone (4), dombakinaxanthone (5), osajaxanthone (6), calopolyanolide A (7) and catechin (8). We report here the structural elucidations of these compounds based on the basis of detailed 1D-NMR (^1H , ^{13}C and DEPT) and 2D-NMR (COSY, HMQC and HMBC) spectroscopic analysis.

Keywords: *Calophyllum*, Xanthenes, Coumarin, Flavanoid.
