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Flavone C-glycosides from the leaves of *Grewia damine*

In a continuation of our studies on high polar secondary metabolites of Sri Lankan plants, the present investigation was carried out on the leaves of *Grewia damine* Gaertn. *G. damine* of the family Tiliaceae is a moderate size tree growing in Sri Lanka. Various parts of the plants of the genus *Grewia* have been used in the indigenous system of medicine for the treatment of diarrhoea and dysentery. The wood of *G. damine* is used for making rafters and handles of garden tools. No previous chemical work on this plant has been reported. The dry leaves of *G. damine* were defatted with *n*-hexane and extracted with methanol. Chromatographic separation of the methanol extract over silica gel, sephadex LH-20 and reversed phase HPLC afforded lupeol, sitosterol-D-glucoside, flavone C-glycosides vitexin and isovitexin.

Identification of these compounds was based on detailed analysis of spectral data and direct comparison with authentic samples.