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FLAVONOL-3-GLYCOSIDES IN *PLUMMERA AMBIGENS*

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Key Word Index—*Plummera ambigens*, Compositae; flavonoids; patuletin-3-*O*-rutinoside; patuletin-3-*O*-galactoside; quercetin-3-*O*-glucoside.

Plant. Plummera ambigens Blake. *Source.* Collected by Dr. R. J. Barr (Barr No. 61–212), 9 August 1961, east of the Pineleno Mountains, Graham County, Arizona, at a height of 5500 ft. *Previous work.* None on flavonoids.

Compounds isolated. Patuletin-3-*O*-rutinoside, patuletin-3-*O*-galactoside and quercetin-3-*O*-glucoside were isolated from the methanolic extracts of the aerial parts of the plant by the method described previously[1] and identified by hydrolysis, direct comparison with authentic material by cochromatography (PC and TLC-3 solvents), UV and IR (of those which crystallized) analysis. It may just be mentioned here that our work on the sister species *P. floribunda*[2] did not disclose any patuletin derivatives.

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FAGACEAE

SOME CONSTITUENTS OF THE LEAVES OF *CASTANEA SATIVA*

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Key Word Index—*Castanea sativa*; Fagaceae; ursolic acid; betulin; fatty acids.

During research on the constituents of the mosses of the Italian flora,[1–4] we noted that some samples, collected in chestnut woods, contained ursolic acid, and in one case also lupeol.[2]

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