Acknowledgements—We thank Dr. Toko and P. Crabbé from Syntex Laboratories for the mass spectrum and to Dr. H. Yashioka for NMR spectra. This work was done with a research grant from FORGE Foundation.

Key Word Index—Centaurea americana; Compositae; sterols; β-sitosterol.

Phytochemistry, 1972, Vol. 11, p. 851. Pergamon Press. Printed in England.

FLAVONE-C-GLYCOSIDES IN A COASTAL RACE OF GAILLARDIA PULCHELLA

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(Received 13 August 1971)

Plant. Gaillardia pulchella Foug. (coastal race). Source. Collected by Dr. McDaniel in 1967, highway AIA, South of St. Augustine, Florida. Previous work. None on flavonoids, sesquiterpene lactones and sesquiterpene lactone alkaloids.¹

Compounds isolated. Swertisin (7-O-methylsaponaretin), saponaretin, vitexin and orientin were isolated from the methanolic extracts of the plant by the methods described previously² and identified by direct comparison with authentic material by mixed m.p., co-chromatography (TLC, 3 solvents), UV and IR analysis.

Acknowledgement—M. A. Iyengar thanks the Alexander von Humboldt Foundation for a Research Fellowship. This investigation was also supported in part by U.S. Public Health Service (RG-GM-05814).

Key Word Index—Gaillardia pulchella; Compositae; flavone-C-glycosides; swertisin; isovitexin; vitexin; orientin.

Phytochemistry, 1972, Vol. 11, pp. 851 to 852. Pergamon Press. Printed in England.

EUPHORBIACEAE

FRIEDELIN DERIVATIVES FROM PHYLLANTHUS MUELLERIANUS

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(Received 20 August 1971)

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