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COMPOSITAE

STEROLS OF *LACTUCA SATIVA* SEED

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Plant. *Lactuca sativa* (lettuce, cv. Grand Rapids). *Previous work.* GLC separation of derived acetates of sterols from seed.¹

Present work. The following sterols from seed (Page Seed Co., New York) have been characterized by GLC (OV-17) and GC-MS^{2,3} as their derived TMS ethers: campesterol (14% of sterol fraction), stigmasterol (12%), sitosterol (52%), Δ^5 -avenasterol (4%), stigmast-7-en-3 β -ol (12%), and Δ^7 -avenasterol (6%).

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³ B. A. KNIGHTS and C. J. W. BROOKS, *Phytochem.* **8**, 463 (1969).

Key Word Index—*Lactuca sativa*; Compositae; sterols; sitosterol; campesterol; stigmasterol; stigmast-7-en-3 β -ol.

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α -CYCLOCOSTUNOLIDE AND DIHYDRO- β -CYCLOCOSTUNOLIDE FROM *MOQUINEA VELUTINA*

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THE SEARCH for sesquiterpene lactones with schistosomicidal activity¹ led us to investigate a number of species of Brazilian Compositae,² among them the common arboreal species *Moquinea velutina* Bong. Silica gel chromatography of the oil obtained by extraction of the trunk wood of *Moquinea velutina* afforded two crystalline compounds.

¹ B. GILBERT, J. P. DE SOUZA, C. C. FORTES, F. D. DOS SANTOS, A. DO PRADO SEABRA, M. KITAGAWA and J. PELLEGRINO, *J. Parasitol.* **56**, 397 (1970).

² W. HERZ in *Recent Advances in Phytochemistry*, Vol. I (edited by T. J. MABRY, R. E. ALSON and V. C. RONECKLES), p. 229, Appleton-Century-Crofts, New York (1968).