Pharmacognostic Study of Jatropha Stem Bark

S.K. Datta* and P.C. Datta**

Present communication deals with the diagnostic characters of bark drugs of Jatropha gossypifolia L. with Pharmacognostic evaluation (confirmation of active principles present therein) and compares with J. curcas L. with the view to check the probable adulterants. This study includes macro and micromorphology, powder microscopy, U.V. fluorescence nature, histo-chemical colour reactions, determination of physical constants to characterise the authentic sample, so that the probable adulterants can be checked.

Department of Botany, Visva-Bharati University, Santiniketan-731235, Birbhum, W. Bengal.

^{**} Professor & Head, Pharmacognosy Lab., Department of Botany, Calcutta University, Calcutta-700019.