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Pharmacognostic Anatomical and Preliminary Phytochemical Analysis of Medicinal Weed Plants Found in Bhandara Region. (M.S.)

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Abstract: *In the past two decades, concurrently with the renewed interest in drugs of plant origin as novel sources of bioactive compounds, extensive scientific research have been addressed on the properties of traditional plant against several diseases, as anthelmintic ,digestive, laxative and many others. Weeds are unwanted plants, but all unwanted plants may not be weeds.Generally weeds have been neglected and their use for medicinal purpose has not been considered on a large scale. Weeds flora of Bhandara District is very rich. The different phytochemicals like Alkaloids, Cellulose, Carbohydrates, Flavonoides, Glycosides, Phenols, Quinons, Saponins, Tannins, Terepenoids, Steroids and many others screen out in the plants are key reservoirs of many new essential drugs. Some important medicinal weeds studied in the present investigation were carried out they are Euphorbia hirta, Tridax procumbens, Parthenium Hysterophorus, Cassia tora, Achyranthus aspera. The present investigation is an attempt to analyze the crude drug of the whole plant. Such type of work can be utilized for identification and authenticity of the drug required for the standerdisation of the plant..*

Keywords: Alkaloids, Glycosides, Steroids, Weeds

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