

RESEARCH ARTICLE

Phyto-chemical screening of *Eclipta alba*

PREETI MISHRA AND SEEMA GUPTA

ABSTRACT..... *Eclipta alba* is one of higher value herbs with long history of traditional and folk medicine for treatment of various ailments in many tropical and sub tropical countries. Priliminary qualitative phytochemical analysis of alcoholic and aqueous extracts of different plant parts *i.e.* leaf, stem and root were carried out by standard methods. Presence of alkaloid, saponin, tannin and phenol compound was observed in both the extracts of all plant parts. Flavonoid was noticed only in aqueous and alcoholic extracts of leaf and root. Terpenoid was present in aqueous extracts of leaf and stem whereas in alcoholic extracts of stem and root. Quinone was present only in aqueous leaf and alcoholic extracts of leaf, stem and root. Positive test for cardiac glycosides was noticed in aqueous extract of stem and root whereas only in alcoholic extract of root.

KEY WORDS..... *Eclipta alba*, Phytochemical constituents, Alcoholic, Aqueous extracts

HOW TO CITE THIS ARTICLE - Mishra, Preeti and Gupta, Seema (2013). Phyto-chemical screening of *Eclipta alba*. *Asian J. Animal Sci.*, 8(2): 112-114.

ARTICLE CHRONICLE - Received : 10.06.2013; Revised : 03.11.2013; Accepted : 24.11.2013

Author for Correspondence -

PREETI MISHRA

Department of Zoology,
Government Nagarjun Post
Graduate College of Science,
RAIPUR (C.G.) INDIA

Email: pmishra26463@gmail.com

See end of the article for **Coopted
authors'**