

Antihepatotoxic Activity of *Phyllanthus atropurpureus* Cultivated in Egypt

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The genus *Phyllanthus* (family Euphorbiaceae) is considered one of the important medicinal and ornamental plants. A phytochemical analysis of the extracts was performed to search for the active ingredient. Results of the investigation of the hepatoprotective activity of *Phyllanthus atropurpureus* Boj. Hort. Maurit. revealed that the activities of alcoholic extracts of its aerial parts and roots were quite similar to those of silymarin. Both of them improve the parameters of CCl₄-induced liver injury including serum aspartate aminotransferase and alanine aminotransferase. Among the extracts tested, the root extract showed maximum activity compared to the aerial parts extract and to silymarin.

Key words: *Phyllanthus*, Euphorbiaceae, Hepatoprotective Activity