

Pharmacognostical studies on *Cissus vitifolia* L. (Vitaceae)

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SUMMARY

Nature has created plants in the world for every ailment and there is a cure for every disease and man has to find it. The plant *Cissus vitifolia* L. is a medicinally important and the fruits are edible. Systematic and detailed Pharmacognostical studies were performed on *Cissus vitifolia*. The studies include anatomical characters of leaf, stem and roots, fluorescence analysis of the leaf, stem and root powders and their extracts in petroleum ether (40-60^o), benzene, chloroform and methanol in the selected species. Quantitative determination such as moisture content, total ash, water-soluble ash, acid insoluble ash, water extractive values and sulphated ash have also been made. Preliminary phytochemical analysis of the extracts was done and the results showed that tannins, protein and steroid were predominantly present in all the form extracts of leaf, stem and root.

Key words : *Cissus vitifolia*, Fluorescence analysis, Quantitative determination, Pharmacognosy.