

Pharmacognostical and phytochemical studies on the leaf and stem of *Rorippa indica*

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Abstract

The present study was undertaken to evaluate and investigate the pharmacognostical and phytochemical parameters of the leaf and stem of *Rorippa indica*. It is commonly known as Indian field cress or chamsuru belonging to the family Brassicaceae. It is reported in the literature that the plant is well-known for its various medicinal properties. The whole plant is used as an antiscorbutic, diuretics, purgatives, hypoglycaemic, expectorant and stimulant. Further, no reports were accessible on the pharmacognostical and phytochemical studies of the leaf and the stem. Hence, the present study was undertaken to probe for the same. Moreover, all the parameters were studied in the manner of WHO and Pharmacopeial guidelines. Lastly, these parameters will help with the correct recognition of the plant for the future studies.

Keywords: *Rorippa indica*, pharmacognostical studies, phytochemical analysis