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***Euphorbia thymifolia* (Linn.)- A review on ethno pharmacological properties**

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Abstract

Euphorbia thymifolia Linn. also known as Laghududhika in Sanskrit is an indigenous and native herb of India. This herb is traditionally claimed to possess several medicinal properties and was specifically used to treat bowel and dermatological diseases. Euphorbia is a potential genus which is claimed to possess numerous beneficial health effects. *E. thymifolia* is one such species whose beneficial effects could be studied extensively. This is a detailed study on the indigenous herb *Euphorbia thymifolia* to identify the research gap in the work that have been published to date and to record the phytopharmacological activity that has not been reported so far. Online databases used for literature search were Scopus, Web of Sciences, and PubMed until 2020. Various phytochemical and pharmacological properties of *E. thymifolia* were studied and proved to have great efficacy as a potential antioxidant, antimicrobial, antiviral, anti-hyperglycaemic, anti-asthmatic and anti-hyperlipidemic. This work is an extensive review on the available literature related to the phytochemical and pharmacological aspects of *Euphorbia thymifolia*. However, the mechanistic involved in exhibiting various phytopharmacological activities are not studied in detail. Anticancer effect of this species is still not been explored.

Key-words: *Euphorbia thymifolia* Linn., antioxidant, anti-inflammatory, phytochemistry, pharmacological properties.