

## Ethnomedicinal claims and phyto-pharmacological significance of *guizotia abyssinica* (L.f.) cass: A less known species of Madhya Pradesh, India

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*Guizotia abyssinica* (L.f.) Cass., Syn. *G. oleifera* D.C., *Polymnia abyssinica* L.f., Suppl., *Verbesina sativa* Roxb., *Jaegeria abyssinica* Spr., commonly known as Ramtil in Hindi and Niger in English belongs to family Asteraceae (Compositae) is native of Abyssinica (South Africa). The plant is used in the treatment of various diseases such as arthritis and microbial infections and seed oil serve as contraceptives. The plant was collected in the winter season from the various study sites of Madhya Pradesh. The aim of the present work is to elaborate the pharmacognostical, phytochemical profile and the pharmacological activities of the plant along with its ethnomedicinal importance as well as to set the various conservational strategies to conserve the species. Further research on the plant will be helpful in isolating various active constituents from the different part of the plant which may possess active pharmacological activities.

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