

Review of: "Unravelling the Phytochemical and Pharmacognosy Contour of Traditional Medicinal Plant: Pterocarpus Marsupium Roxb"

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Potential competing interests: No potential competing interests to declare.

Authors are encouraged for the effort and I do hope that they take all suggestion into account to get a better version of this interesting review article.

I suggest the following title:

Unravelling the Phytochemical and Pharmacological Characteristics of Pterocarpus Marsupium Roxb (Botanical family)

It is important to state a brief method used to collect data from published articles, reports and books in the abstract. Kindly state in the abstract plants with which the study species is often combined to treat diseases.

Kindly report in the abstract few diseases treated using the study species.

All these information will add value to your abstract and let readers know the importance of such a review.

Introduction : before the second paragraph, there is a need to state the importance of studies undertaken on medicinal plants all over the world. Kindly quote recent publications of Dossou-Yovo et al 2021 in the Scientific World Journal, Dossou-Yovo et. 2022 in Diversity. Also quote research outputs of Vodouhê F. G on medicinal plants and their conservation. After this, you will report some chemical studies on medicinal plants. All these information should be stated before you deal with the study species in the introduction.

I advise to quote research outputs of Fagbohun on the chemical characteristics of plants. This will help state the importance of research on medicinal plants.

At the end of your introduction, you should clearly state why the review is pertinent and report the main objectives of this article.

After the introduction, you need 2. Materials and methods, 2.1. Botanical description and taxonomy of the study species , 2.2. Geographical distribution of the study species

2.2. Data collection and analysis methods. You will state the websites used for data collection as well as the period of years considered for your review article.

You need to report in your data collection methods the percentage of used articles published in WOS, SCOPUS and other outlets. You can use graph to state it.

Your results should start from this 4. Results

4.1. Phytoconstituents of the study species, 4.2. Pharmacological activities of its constituents.....

While dealing with the antidiabetic characteristics of the species constituents, kindly report that it among the highly lethal diseases Worldwide (Dossou-Yovo et al., 2021 in Scientific World Journal}

Kindly avoid such a sentence : Saidurrahman and his team evaluated the. You quote the concerned article like Vodouhê et al.

You should add the publication year in such sentences like : Devipriya et al. ?????? conducted a study on the hepatoprotective activity of *P.marsupium* extracts at 100 mg/kg orally against the CCl₄-induced

Kindly avoid this style and quote the concerned articles: Gupta and his team examined the hepatoprotective activity in streptozotocin-induced. It lacks precision.

Kindly add the publication year in sentences like this : Jadhav and Dhikale developed a polyherbal formulation comprising the extracts of *Bauhinia variegata*,

Carefully read Dossou-Yovo et al. 2022 published in Diversity to see how articles were quoted.

Sentences like : A study performed by Gunasekaran et al. {m... should be avoided. You did not add the publication year.

What are the limitations of your article ? You need to state them at the end of the results and discussion section.

In the conclusion you put this: In recent years, ethnomedicinal studies have received much attention as they shed light on the numerous little-known and unknown medicinal virtues,

You should state such an aspect by quoting articles in the introduction as I suggest above.

Try to write a short conclusion by also stating perspective studies on the research article that come out from your review article.

Reviewed by Hubert Olivier DOSSOU-YOVO, Senior Scientist and Reviewer in Ethnobotany, Plant Ecology and Conservation, GIS and Remote Sensing application in Forestry.