

# 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.

"Unravelling the Phytochemical and Pharmacognosy Contour of Traditional Medicinal Plant: Pterocarpus Marsupium Roxb". The article sent to your journal under the title of "Traditional medicinal plant uses" is among the studies with high original value in terms of investigating traditional medicinal plant uses from the perspective of plant chemistry and pharmacognosy. However, there is a need for minor revision, especially in terms of the following taxonomic deficiencies and features:

-Both in the title and in the text, the Latin name of the plant should be written according to scientific rules. For example, it should be written as "*Pterocarpus marsupium* Roxb." and the source should be shown

(<https://powo.science.kew.org/taxon/urn:lsid:ipni.org:names:516505-1>).

-There are two recognised subspecies of *Pterocarpus marsupium* Roxb. Which of these taxa has been the subject of scientific research? The scientific name of the sub-taxon and the correct Latin name source should be written.

*Pterocarpus marsupium* Roxb. subsp. *acuminatus* (Prain) Thoth. or *Pterocarpus marsupium* Roxb. subsp. *marsupium*

(<https://powo.science.kew.org/taxon/urn:lsid:ipni.org:names:954203-1> and

<https://powo.science.kew.org/taxon/urn:lsid:ipni.org:names:77213987-1> ).

- The botanical description should be reconstructed according to the subspecies analysed, covering both subspecies. The separation key of the two subspecies should be given.

- The taxonomic classification with species supercategorisation should be up to date. The GBIF web page is suitable for this topic. ( [Pterocarpus marsupium](https://www.gbif.org/species/516505) Roxb. ([gbif.org](https://www.gbif.org/species/516505)))

- Map of the distribution areas of *Pterocarpus marsupium* Roxb. and its subspecies should be given. This is supportive and strengthens the article.

-A photograph of which part of the plant is used as a traditional medicinal plant should be given. How the parts of this plant are collected by local people should be shown with photographs, and if there is a collection method, it should be given together with drying and storage.

-How and in what way the traditional medicinal use is and the proof of this use should be given with photographs. Details and formulae of traditional medicinal use should be explained.

-Do the local people obtain economic income from the use and harvesting of this plant, the amount and total income per



kg per year should be given.