

Review of: "Sacred Plants and Their Miraculous or Healing Properties"

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Potential competing interests: No potential competing interests to declare.

General notes.

General note 1: Rely on someone native to the English language to improve the writing of the entire article. There are parts of the text that are not well understood.

General note 2: Improve the abstract. I do not perceive a correct relationship between the content of the abstract and the development of the writing. This is in relation to the central point of the research: cultural and historical designation of hallucinogenic plants or properties and characteristics of hallucinogenic plants.

General note 3: It seems more like a dissemination investigation to me. If it is a scientific work, I recommend attaching the chemical characteristics of the molecules you describe in your work. Also, format it as a scientific review article, instead of a research article (introduction, materials and methods, results, discussion, and conclusion).

General note 4: I think that your work could generate at least two or three popular articles and one literature review if you work well with your information.

Work notes.

Note 1: The abstract does not contain citations:

(b) pleasure versus pain, and (c) expansion versus contraction[1] .

Note 2: In this part, the **mushrooms** need to be attached. These types of molecules are generally known as secondary metabolism compounds.

This hallucinogenic substance usually comes from plant substances or derivatives, although they occur in many plants and animals, and both can be synthesized in chemical laboratories.

Note 3: In which societies is this more important?

Who held an infinitely more important position in **society than the physician**.

Note 4: Toloache is a plant, not a fungus.

Among them: peyote and various types of **fungi**?, as the **toloache**? [11], called by the Mexica tolohuaxihuitl or

tolatzin, from the genus *Datura ferox*, and marijuana, presented in special religious celebrations.

Note 5: What you describe in materials and methods does not seem like materials and methods.

You define some concepts, but you never explain when those concepts will be applied in your research on plants with hallucinogenic properties. Additionally, it would be necessary to say how many databases, articles, and books were used to generate your classification system. At the same time, delving into the historical vision is not a material or method, unless you explain to me how you are going to delve into that historical vision: by country, by culture, by type of hallucinogen, etc.

Note 6: What are alkaloids?

Are there weak and powerful alkaloids?

Vegetation, enigmatic and mysterious, offers different types of sacred plants with **powerful alkaloids**.

There are no powerful or weak alkaloids. The effect of alkaloids depends on the concentration of the molecule.

Note 7: Scientific name in italics.

Betel plants (**Piper betel**) is

Note 8 : I find no relationship between your materials and methods with the results. In the materials and methods you want to describe a classification system for hallucinogenic plants, but you never use it in your results.

Note 9: Your discussions seem like results. A serious discussion of your classification system that you describe in methodology, and the characteristics of the plant that you present in results, what they denote it or why it falls within that classification system.

Note 10: Conclusions are not cited and must relate to the objective of your work. I do not find a clear relationship between its conclusions and its objectives.

healing rituals for their various psychoactive effects [148] .

I like your work and its information, but it needs to be developed in a more appropriate way.