

Review of: "Antimicrobial Ayurveda Crops as Superfoods for Export, Conservation & Farmers' Benefit"

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Potential competing interests: No potential competing interests to declare.

Dear Authors, the topic you have chosen for your article is very interesting, and exactly for this reason I'm here to ask you for some improvements.

If I'm not wrong, your proposal to use four Indian crops as superfoods is derived from the study of the scientific literature. Therefore, your article is a literature review, is that correct?

If this is the case, in the Methodology Section, I would expect to see a Prisma Flow Diagram indicating the inclusion/exclusion criteria of the articles which best described the antioxidant properties of these four species. This means that readers will be able to evaluate how many studies contributed to the documentation of the four species' antioxidant profiles.

In the Results section, the use of the Total Phenolic Content (TPC) assay as the only one documenting antioxidant properties, in my opinion, is not correct. Many times I have observed that different TPC values were not directly associated with the antioxidant features of medicinal plant extracts. I would also review the presence of at least another antioxidant assay among TEAC, DPPH, or FRAP.

In the Table 1 legend, you should better explain what is meant by the line reporting "At-risk Species" in the same column of each proposed wild crop. Is it a comparison? To which species is the active ingredient list below referred?

In the Discussion section, I wonder whether you found many other articles documenting the antimicrobial properties of the proposed wild crops; therefore, I would add some other references, also to reinforce your working hypotheses.

In conclusion, your manuscript looks more like a summary of the arguments that, in my opinion, you could better develop in order to convince the readers of the interesting and promising properties of your proposed wild plants of the Indian medicinal tradition.

With my best regards,