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| Journal Name: | [**Archives of Current Research International**](https://journalacri.com/index.php/ACRI) |
| Manuscript Number: | **Ms\_** **ACRI \_136636** |
| Title of the Manuscript: | **Therapeutic uses of false sesame (Ceratotheca sesamoides Endl.) in the Sudanian and Sudano-Sahelian part of Burkina Faso** |
| Type of the Article |  |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript presents an important contribution to the documentation of traditional ethnobotanical knowledge regarding Ceratotheca sesamoides in the Sudanian and Sudano-Sahelian zones of Burkina Faso. In an era where traditional knowledge systems are increasingly endangered, such studies play a vital role in preserving cultural heritage and supporting the sustainable use of medicinal plants. The authors' effort to link knowledge patterns with demographic variables adds value to the field of ethnopharmacology and socio-ecological research. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The current title is generally appropriate but can be slightly refined for clarity and specificity. Suggested alternative:  “Ethnobotanical Knowledge and Therapeutic Uses of Ceratotheca sesamoides Endl. in Rural Burkina Faso”  I think this will further highlight the core focus on local medicine knowledge. |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract includes relevant components such as objectives, methodology, and key findings. However, it could benefit from clearer structure following the IMRAD format. A more explicit concluding statement about the significance of the findings is recommended. Also, the keywords should be reordered alphabetically.  Suggestions for Improvement:  • Restructure the abstract following a compact IMRAD format:   * Background: Why study this plant? * Methods: How was the knowledge assessed? * Results: What were the key outcomes? * Conclusion: What is the implication or contribution?   • The writing could be more concise and avoid passive voice where possible.  • The conclusion sentence should emphasize the practical or scientific importance of the findings.  • Keywords should be arranged alphabetically. |  |
| Is the manuscript scientifically, correct? Please write here. | Yes, the manuscript is generally scientifically robust. The use of Shannon diversity indices and Chi-square tests is appropriate for analyzing variation in knowledge. However, the methodology section would be strengthened by:   * Detailing the sampling method and participant recruitment criteria * Clarifying whether the interview tools were pre-tested or validated * Explicitly stating the source and approval of ethical clearance |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are relevant and cover foundational literature. Nevertheless, the inclusion of more recent publications (from the last 5 years) would enhance the manuscript's currency, particularly in ethnobotany and conservation policy. Examples of recent studies in similar West African contexts would be beneficial. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The English is understandable but needs improvement for academic publication. There are instances of repetitive phrasing, inconsistent tense usage, and overly long sentences. A language revision by a native or professional academic editor is strongly recommended to improve fluency and clarity. |  |
| Optional/General comments | The study has high ethnobotanical relevance and addresses an underreported species. With appropriate revisions, especially in methodological transparency and language polishing, this manuscript could make a meaningful contribution to the field  **While the manuscript is scientifically sound and relevant, it requires major revision in terms of methodological clarity, reference updates, and language refinement. These improvements would significantly enhance the manuscript’s quality and impact.** |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?** |  |  |