

REVIEWER'S REPORT

Manuscript No.: IJAR-55696

Title: Main medicinal plants used in the traditional treatment of animal diseases in three communes of the Maradi region.

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity			✓	
Significance		✓		

Reviewer Name: Dr.Amina

Reviewer's Comment for Publication.

The manuscript presents an ethnoveterinary study on the use of medicinal plants in the traditional treatment of animal diseases in three communes of the Maradi region. The topic is **relevant and timely**, particularly in the context of developing countries where traditional veterinary medicine remains widely practiced due to limited access to modern veterinary services.

Strengths of the Manuscript

- Scientific relevance:** The study contributes to the documentation and preservation of indigenous knowledge related to traditional veterinary medicine.
- Adequate sample size:** The survey involved 457 breeders, which provides a solid basis for the reliability of the results.
- Clear objective:** The aim of identifying medicinal plants and traditional practices is clearly stated and well addressed.
- Comparative discussion:** The discussion effectively compares the findings with previous studies conducted in similar contexts.
- Potential applicability:** The identification of 30 medicinal plant species belonging to 21 botanical families provides a valuable foundation for future phytochemical and biological studies.

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Points Requiring Minor Revision

1. **Language and clarity:**

- The manuscript contains grammatical errors, awkward phrasing, and repetitions, particularly in the Introduction and Discussion sections.
- A thorough **English language revision** is strongly recommended, especially for the Abstract.

2. **Text organization:**

- Some paragraphs are excessively long and should be reorganized for better readability.
- Transitions between sections could be improved to enhance the logical flow of the manuscript.

3. **Methodological details:**

- The statistical analysis is limited to frequency calculations. The authors should clearly state the limitations of this approach or justify its adequacy for the study objectives.

4. **Presentation of results:**

- The study would benefit from additional tables summarizing key results (e.g., medicinal plant species, plant parts used, preparation methods).
- Figure 1 (study area) should be better described and referenced in the text.

5. **Scientific consistency:**

- Scientific names of plant species should be consistently formatted (italicized, correct author citation).
- References should be standardized according to the journal's guidelines.

Overall Assessment

The manuscript is **scientifically sound** and addresses an important aspect of traditional animal healthcare. However, **minor revisions are required**, mainly related to language quality, structure, and presentation, before the manuscript can be accepted for publication.