

Manuscript No.: **IJAR-53730**

Date: 10-09-2025

Title: Local perceptions and ethnobotanical study of galactogenic plants in the city of Abéché, Chad

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. Aamina

Reviewer's Comment for Publication.

The manuscript presents an ethnobotanical study on galactogenic plants in Abéché, Chad, which is a relevant contribution to both ethnopharmacology and public health. The introduction (lines 26–49) effectively situates the study within the broader problem of infant mortality and breastfeeding challenges in sub-Saharan Africa, while the methodology (lines 74–94) is clearly described and justified. The results provide a well-structured inventory of 35 species across 23 families (lines 125–133), with details on plant parts used (lines 153–157) and methods of preparation (lines 163–167). This strengthens the scientific merit of the work. However, the paper could benefit from improved clarity in data presentation—figures and tables should be consistently labeled and referenced (e.g., Figure 4, line 147, is not clearly linked to the text). Additionally, some results (lines 139–142) would be stronger if supported with statistical analysis rather than simple frequency counts.

The discussion (lines 170–209) demonstrates good engagement with relevant literature, but some claims could be expanded. For instance, the justification of

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leaf dominance (lines 193–197) is valid but would be strengthened by adding references on phytochemical concentrations. Similarly, while the conclusion (lines 210–219) highlights the importance of integrating traditional knowledge into health policies, it should also address practical implications for conservation strategies and possible risks of overharvesting. Overall, the study is valuable, but revisions should focus on improving figure consistency, clarifying species descriptions (e.g., line 144–147 mixing species names), and refining the conclusion to emphasize broader applications.