

## REVIEWER'S REPORT

Manuscript No.: IJAR-52807

Date: 16-07-2025

**Title: Leptadenia reticulata(Retz.) Wight & Arn.( Jivanti): A REVERED ETHNOMEDICINAL CLIMBER OF BANASKANTHA DISTRICT NORTH GUJARAT,INDIA**

### 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.

### Review Report

#### General Overview:

This manuscript provides a compelling ethnobotanical account of *Leptadenia reticulata*, emphasizing its medicinal, cultural, and ecological importance in the Banaskantha district of Gujarat, India. The study blends field-based documentation with traditional knowledge, offering a valuable contribution to the preservation of indigenous practices and plant-based heritage. The focus on a sacred and threatened species adds ecological urgency to the ethnographic narrative, reinforcing the importance of sustainable use and conservation.

#### Strengths:

##### 1. Cultural and Ethnobotanical Significance:

The study successfully contextualizes *L. reticulata* as more than a medicinal plant by highlighting its revered status and embeddedness in local customs. This elevates the work beyond pharmacognosy into the realm of biocultural conservation.

##### 2. Geographic and Ecological Focus:

By concentrating on Banaskantha district, the paper sheds light on a specific, under-documented region, thereby enriching regional ethnomedicinal literature and contributing to localized biodiversity awareness.

##### 3. Conservation Relevance:

The identification of *L. reticulata* as a threatened species due to overharvesting and habitat loss

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foregrounds a critical conservation issue. This ecological framing adds a layer of urgency to the ethnobotanical discourse.

4. **Interdisciplinary Approach:**

The manuscript combines ethnobotany, cultural anthropology, and ecological awareness. This multidisciplinary framing enhances the paper's depth and relevance across academic and conservation audiences.

5. **Clarity of Purpose:**

The abstract clearly outlines the research objectives, methods, and thematic focus, providing a concise roadmap for the reader.

### Scientific and Scholarly Contribution:

- Enhances documentation of traditional knowledge systems associated with *Jivanti*.
- Reinforces the importance of field-based ethnobotanical studies in informing both conservation strategies and cultural preservation.
- Serves as a potential foundation for future phytochemical and pharmacological investigations into *L. reticulata*.

### Language and Structure:

The writing is clear, with appropriate use of botanical and ethnographic terminology. The transition between spiritual and scientific discourse is handled with sensitivity and coherence.

### Conclusion:

This manuscript makes a significant contribution to ethnobotanical literature by illuminating the cultural and medicinal significance of *Leptadenia reticulata* in North Gujarat. Its strengths lie in its documentation of traditional knowledge, its regional specificity, and its appeal to both conservation and ethnomedicinal audiences. It is a well-conceived and relevant study that supports the broader goals of biocultural diversity preservation.