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REVIEWER'S REPORT

Manuscript No.: IJAR-52807

Date: 15.07.25

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

Recommendation:

Accept as it isYES.....

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: PROF DR DILLIP KUMAR MOHAPATRA

Date: 15.07.25

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

Detailed Reviewer's Report

Leptadenia reticulata, commonly known as Jivanti, is a revered ethnomedicinal climber in the Banaskantha district of North Gujarat, India. This plant has been widely used in traditional medicine for its revitalizing, rejuvenating, and lactogenic properties.

Future Work

- **Pharmacological Studies:** Further pharmacological studies are needed to fully understand the therapeutic potential of Leptadenia reticulata and to identify new bioactive compounds.
- **Conservation Strategies:** Developing effective conservation strategies, such as sustainable harvesting practices and habitat restoration is essential to protect Jivanti from overexploitation and habitat loss.
- **Clinical Trials:** Conducting clinical trials to evaluate the efficacy and safety of Leptadenia reticulata-based products can help to promote its use in modern medicine.
- **Agronomic Practices:** Developing agronomic practices for large-scale cultivation of Jivanti can help to meet the demand for the plant while reducing the pressure on wild populations.

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Conclusion

Leptadenia reticulata is a valuable medicinal plant with diverse therapeutic potential. Its conservation and sustainable use are essential to ensure its long-term availability and promote its use in traditional medicine. Further research is needed to fully understand its therapeutic potential and to develop effective conservation strategies.