

# Review of: "Finite Element Analysis Relating Shape, Material Properties, and Dimensions of Taenioglossan Radular Teeth with Trophic Specialisations in Paludomidae (Gastropoda)"

Lida Shen<sup>1</sup>

<sup>1</sup> Nanjing University of Aeronautics and Astronautics

**Potential competing interests:** The author(s) declared that no potential competing interests exist.

**Reviewer #:** This paper studies the Finite Element Analysis Relating Shape, Material Properties, and Dimensions of Taenioglossan Radular Teeth with Trophic Specialisations in Paludomidae, explore the relating the simulated stress and strain distributions with the tooth sizes by altering the force/volume. But the manuscript is not clear, many conclusions in this paper are not supported by enough evidences.

Some specific issues are listed:

1. section 2.3: In finite element analysis, constraints and material properties are not clearly defined, which have great influence on the simulation results.
2. section 3.2: The description in the part of displacement result analysis is too simple. What problem does this simulation result show?
3. section 4.1 Too much content in the discussion section, involving some data analysis, whether it can be expressed in the form of graphs, can more intuitively understand the simulation analysis results .
4. The whole article lacks some conclusive theories, and the final discussion can be used as reference, which is not suitable for conclusion .
5. The writing should be more professional. There are plenty of minor errors, including sentence structure, grammatical mistakes and et al. In summary, the manuscript should be revised professionally. English needs minor revision, prevalently in typesetting.