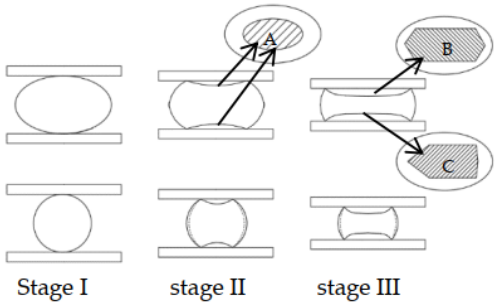
Dear authors,

In my opinion, this manuscript is publishable after minor corrections. Actually, your presented data in this manuscript are extremely valuable. In the following, I have mentioned several points that should be corrected.

1. In the "Introduction" section, the current research status of scholars in the direction of physical and mechanical properties of tussah cocoons was discussed, please further highlight the innovation of this paper compared with previous studies.

2. In Figure 9(c), why is there a large difference in the shape of the right side of B and C?



3. What are the main differences in the mechanical properties of the cocoons at two moisture contents of tussah cocoon? Which is the most suitable state to peel the leaves of tussah cocoon?

4. Please discuss the main reasons of deformation difference of cocoon shell in different stages of axial and radial compression of tussah cocoon.

5. The line graph in the text are not attractive enough, such as Figure 9(a)(b),

Figure 11(a), etc. It is suggested to increase the image color and line shape, and adjust the label font to a more appropriate size to increase the readability of the article.

6. Please rewrite the “Conclusion” section in order to be more informative and suggest future ideas rather than repeating the previous results.

I think that with these minor changes, your manuscript could be appropriate for publication.

Thank you so much for sharing your valuable data.