

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Applied Chemistry Research</b>
Manuscript Number:	<b>Ms_AJACR_119532</b>
Title of the Manuscript:	<b>POLYMER BIOCOMPOSITE FILMS FROM <i>Nypa fruticans</i> (NIPA) STARCH FOR FOOD PACKAGING APPLICATION</b>
Type of the Article	<b>Original Research Article</b>

## Review Form 1.7

### PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1. The manuscript presents a novel and significant contribution to the field of biodegradable packaging materials. By exploring the use of <i>Nypa fruticans</i> (Nipa) starch in combination with PVA and plasticizers, it offers a potential alternative to synthetic packaging materials. The study's comprehensive analysis of physicochemical and food packaging properties provides valuable insights into the viability of nipa starch biocomposite films, addressing the pressing issue of plastic waste and promoting sustainable practices.</p> <p>2. The title is suitable as it clearly reflects the content and scope of the research. However, a more concise title could be: "Biodegradable <i>Nypa fruticans</i> Starch-PVA Biocomposite Films for Food Packaging."</p> <p>3. The abstract is comprehensive and effectively summarizes the study's aims, methodology, key findings, and significance. It provides a clear overview of the research and its potential applications in the food packaging industry.</p> <p>4. The subsections and structure of the manuscript are appropriate. However, instead of Roman numbers use only numbers for sections and sub-sections.</p> <p>5. The manuscript appears to be scientifically correct. The methodology is well-described, the experiments are appropriately conducted, and the results are accurately presented and discussed. The data support the conclusions drawn by the authors.</p> <p>6. The references are sufficient and include recent studies relevant to the topic. However, the inclusion of more recent studies from the past three years could further strengthen the manuscript.</p> <p>7. It might be beneficial to include a brief discussion on the economic implications of using nipa starch for biocomposite film production, particularly for local communities in Northern Samar.</p> <p>8. Use 5 to 10 more references from the "Asian Journal of Applied Chemistry Research" journal.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>1. Ensure all references are formatted consistently according to the journal's guidelines.</p> <p>2. Check for any grammatical errors or typos throughout the manuscript.</p> <p>3. Consider providing more detailed descriptions of the statistical analysis methods used in the food packaging analysis section.</p>	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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