

**Review Form 3**

Journal Name:	<a href="#">Journal of Advances in Biology &amp; Biotechnology</a>
Manuscript Number:	Ms_JABB_124532
Title of the Manuscript:	<b>Advances in Breeding Oncidium Orchids: Strategies, Challenges, and Future Prospects</b>
Type of the Article	<b>Review Article</b>

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p><b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>This type of document offers tools to understand advances in the improvement of certain groups of orchids such as Oncidium. These developments are promising to expand the panorama of commercial supply of hybrids and indirectly reduce the pressure of collecting wild species. I would like them to include a brief context of the most successful hybrids in history and the economic impact they may have had and in which countries.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>It is a very bombastic title for the content, I consider that it does not show Challenges, and Future Prospects at a deep level, so I would put it as "Advances in the improvement of Oncidium history and perspectives"</p>	
<p><b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b></p>	<p>The summary is understandable and covers what is found in the manuscript. I do not suggest changes, but I do suggest clarifying the issue of conservation strategies.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The botanical description of the genus does not seem relevant to me. There is a lot of redundancy in aspects such as common names. It is proposed to adjust hybrid information in tables and make some general recommendations.</p>	
<p><b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>It adequately describes and contextualizes the advances and importance of orchid improvement in this group; however, it can be complemented with updated references and more precise figures that compare the developments that this group has had compared to others such as those of the Epidendroideae alliance. The chronological context of the most commercially successful hybrids would be great. It would be very interesting to analyze how competitive this group is at a commercial level compared to other groups of commercial orchids, so that it awakens the interest of other researchers to expand the work in this very broad group.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>References are one of the fields that has the greatest number of comments and that should be improved</p>	
<p><b>Minor</b> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>yes I think</p>	
<p><b>Optional/General</b> comments</p>	<p>It is an interesting review in terms of progress in orchid breeding from the Oncidium alliance. I leave some comments and some considerations that in my opinion could improve this manuscript.</p>	

### Review Form 3

#### **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:**

Name:	<b>Juan Camilo Ordonez Blanco</b>
Department, University & Country	<b>Universidad Distrital Francisco José de Caldas, Colombia</b>