

**Review Form 1.7**

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_113748</b>
Title of the Manuscript:	<b>Impaired male meiosis, Morphology and Ethnobotany in the three species of Genus Pimpinella L. (Apiaceae) from the North-Western Himalayas, India.</b>
Type of the Article	<b>Original Research Article</b>

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**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. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1- Yes, it is. The research focuses on the morphological and cytological differences between three local <i>Pimpinella</i> species, as well as on the occurrence of chromosomal abnormalities during meiosis. A new diploid cytotype in <i>P. acuminata</i> was recorded.</p> <p>2- I think it would be better for the title to be: "<b>Morphology, Cytology and Ethnobotany of three <i>Pimpinella</i> L. species (Apiaceae) from the North-Western Himalayas, India.</b>"</p> <p>3- Yes, it is.</p> <p>4- Yes, but with some minor revision.</p> <p>5- Yes, it is.</p> <p>6- Yes, they are.</p> <ul style="list-style-type: none"> <li>○ All tables need to be reformatted.</li> <li>○ Abbreviations should be explained below each table, such as WMN WM in Table 3.</li> <li>○ Table 1: Habit column, <b>deleted</b>, because the three species are herbaceous and there is no need to repeat.</li> <li>○ Pollen size Range column: there are some of the 14 populations where one measurement is mentioned, and the <b>range is not mentioned</b>.</li> <li>○ Table 4: Size of leaf (µm), the measurement unit is error and <b>not a micrometre</b>.</li> </ul>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1- Yes, it is.</p>	
<p><b>Optional/General</b> comments</p>	<ul style="list-style-type: none"> <li>• I think the species name <i>Pimpinella achilleifolia</i> should be changed to the accepted name <b><i>Meeboldia achilleifolia</i> (DC.) P.K.Mukh. &amp; Constance</b> (<a href="https://powo.science.keew.org/taxon/urn:lsid:ipni.org:names:962506-1">https://powo.science.keew.org/taxon/urn:lsid:ipni.org:names:962506-1</a>) <i>Pimpinella achilleifolia</i> (DC.) C.B.Clarke. First published in J.D.Hooker, Fl. Brit. India 2: 684 (1879). This name is a <b>synonym</b> of <i>Meeboldia achilleifolia</i>. <b><i>Meeboldia achilleifolia</i> (DC.) P.K.Mukh. &amp; Constance</b>. First published in Edinburgh J. Bot. 48: 44 (1991). <b>This species is accepted.</b></li> <li>• The figure is given the number 1, then details are explained along the line.</li> <li>• The first section of the paragraph "Chromosome numbers and morphology" is a <b>literature review</b>, not results, so it can be moved to the introduction.</li> <li>• Meiotic abnormalities: This is a discussion, not results.</li> </ul>	

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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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