Line 25: Please remove "some"

Line 31: Please change with something like "either native parasitoid communities were represented by an extremely limited number of species occurring at low densities, in some cases no native parasitoid species at all, or they were..."

Line 32: Please change into "These two patterns seemed to correlate with the habitat type – *M. sericeus* being more abundant in semi-natural habitats compared to agricultural lands, the former known to be natural reservoirs for native parasitoids."

Line 40: What is the purpose of the statement on agriculture? Is there any necessity to separate agroecosystems from natural environments? I suggest you re-formulate by saying that biological invasions are a major driver change in biodiversity across managed and natural ecosystems worldwide (or something along that line).

I am not sure in which type of ecosystem you place your own study?

Line 41: Mc Michael → McMichael.

This reference does not seem to appear in the Bibliography.

Line 42: Please remove «global», and change "changes" to "change"

Line 53: etc  $\rightarrow$  etc.

Line 53: Please change "smaller" to "more restrained"

Line 57: Please change into "The ecological impact of invasive species acting as a trophic subsidy has been shown across a variety of model systems such as invasive macroalgae ( ), phytophagous insects ( ) ... ."

Is Drosophila suzukii different from phytophagous insects?

Line 63: Please change "by creating" with "through"

Line 67: Please replace "removal" with "disappearance"

Lines 71-74: Please change the sentence into "Such lasting effects of transient invasions on species niche breadth and space for instance, may as well occur at the community level, thus impacting overall community structure by forcing species to modify the way they exploit available resources."

Line 87: "Long term" → "Long-term"

Line 87: Please replace "impacts" with "effects"

Line 90: Please add coma after the parenthesis.

Line 170: "asian" → "Asian"

Line 176: Please change to "... which constitutes a good compromise between ...."

Line 183: "Barcoding" → "barcoding"

Line 185: "setion" → "section"

Table 2: Please place "Native species" legend on top of its corresponding column in the Table, and change all column headings from italic to normal. Please change parasitoid species names from bold to normal, and then into italic.

Please re-work the grids – e.g. remove the vertical grid between the first and the second column, and extent the horizontal grid line under all column headings.

Line 190: "Moleular" → "Molecular"

Lien 193: You don't need to put the ® sign but please change "Lucigen" to "Lucigen (Wisconsin, USA).

Line 198: Could you please prove the city and the country.

Line 198: Please change into "for Sanger sequencing".

Lines 198-202: What do you mean by checked exactly? Did you sequence forward and reverse ends? Did you do any sequence editing? How did you compare your sequences to the databases – using BLAST? What identity criteria and sequence similarity threshold did you use for deciding whether a sequence matched or not the target species?

Is Genebank® actually referring to GenBank (<a href="https://www.ncbi.nlm.nih.gov/genbank/">https://www.ncbi.nlm.nih.gov/genbank/</a>)? If yes, please use the correct citation.

What is RDLB?

Line 200: Do you actually mean "sequence analyses" here?

Line 201: Do you mean the Geneious software (https://www.geneious.com)?

What were MEGA and Geneious softwares exactly used for?

Lien 279: Please change into "Satellite views were necessary in order to confirm habitat type within the 1-km radius of field observations for all areas belonging to private owners, preventing our access and direct categorization of habitats."

Line 281: Please change "Qgis software" to the "Open-source platform QGIS (https://qgis.org/en/site/)"

Line 282: Do you mean "OpenLayers Plugin"?

Line 304: If you have decided to put spacing for the larger numbers (which I confirm is better), you need to do it also for lines 142 and 172, for instance.

Line 311: "7,5%" → "7.5%"

Line 337: "Starting the third"?

Line 338: "increasing chance"?

Line 351: Please change to "..., the community of native parasitoids was represented by just a few native parasitoids occurring at low abundances."

Line 383: I am really sorry to see that there is still not a word about the molecular analyses. I insist on the importance that you add few lines even if it is to say that all sequences confirmed the identity of the specimens determined using morphological criteria. I also assume not 100% of specimens yielded sequencable or interpretable sequence data? But if yes, then this is great and additional reason to mention it. Also, have all these sequence data being deposited somewhere or are you planning to do it? I assume this means you need to provide accession numbers, etc.?

Line 392: Please change "showed ..." with "highlights the restructuration of native parasitoid communities...".

Line 394: Please replace "depending" with "mostly depending"

Line 407: There is a problem with the reference here.