

Although the manuscript has been improved there are still several errors that must be corrected. The main concern about this review is that the text is not well correlated with the Table 1, the authors should make an effort to actualize the text following the more recent changes in the rhizobial taxonomy in the same way than in the Table 1.

Minor corrections:

1. The name *Ochrhobactrum* is misspelled in the abstract.

OK Sir, It has been corrected

2. The figures are subjected to copyright and they can not be published again without the agreement of the journal in which they were published.

OK, we suppressed figure 1, and we are trying to get the permission for the others

3. Moreover the tree from figure 1 is not correct since the genus *Ensifer* is named *Sinorhizobium* and the genus *Agrobacterium* is not currently valid.

Fig 1 have been eliminated

4. In Table 1, please use always the same number of spacers before the names (please use tabs to separate the names in the left margin and not the spacer bar).

5. In Table 1: All the asked corrections have been done for this table

Change the word "biovar" by "symbiovar"

In the column 2 change "host plant" by "host legume" and delete all sources that do not correspond to a legume species. Other option is to name this column as "Isolation source" adding all of them that lack in the current Table.

Delete type IIA and type IIB from *Rhizobium tropici* and write *R. tropici* in the case of IIB and *R. leucaenae* in the case of IIA

The name "Vigna" is misspelled

The name "*arietinum*" is misspelled in some cells

Change "*kummerowiae*" by "*Kummerowia*" in the case of the legume species name

Please delete "L." from the Table in several species

In the *Bradyrhizobium* species please change the capital letters in the first letter of the species by lowercase letters.

Please write all species names of legumes in italics.

Please change "soybean" by the latin name *Glycine max* in the Table 1

Please change "black locust" by the latin name *Robinia pseudoacacia* in the Table 1.

The species *Ensifer adhaerens* was not isolated from *Leucaena leucocephala*, please delete this host from the Table 1.

The name *Azorhizobium johannense* does not exist, the correct name is *Azorhizobium dobereineriae* (please change the reference done in the table by that of the species description) and recently a new species of this genus named *Azorhizobium oxalatophilum* has been described. Please include it in the table with the corresponding reference.

6. In the penultimate sentence of "*Bradyrhizobium* branch" please add "former species" before "*Bradyrhizobium denitrificans*" OK. It has been added

In the last sentence of "*Bradyrhizobium* branch" it lacks several new species of genus *Bradyrhizobium* such as *B. pachyrhizi* and *B. canariense* is not a recently described species.

Ok, The first species have been added and the second one deleted

7. In the point 4.1.1, please delete the sentence "*Agrobacterium*, non-symbiotic bacterial genus involved in pathogenic interactions with plants" since this genus is currently not valid and it is included into genus *Rhizobium*. (Ok. This sentence have been deleted)

The number of species from genus *Rhizobium* is wrong, please revise the numbers of species from all genera according to the abstract and Table 1. (You're right, we tried to correct this)

The genus *Ensifer* currently included much more species than those mentioned in the manuscript (see Table 1). The same occurs in the case of *Mesorhizobium* and *Bradyrhizobium*. (Ok. It was corrected and other species added in each case)

8. In the point 4. 3, *Phyllobacterium*, *Microvirga*, *Azorhizobium*, *Ochrobactrum*, *Methylobacterium*, *Devosia*, *Shinella* and *Cupriavidus* should be mentioned deleting the paragraph corresponding to *Microvirga* since it is a non-classic rhizobia.

The first sentence of this paragraph is not congruent with the second sentence, currently are legume endosymbionts in both alpha and beta Proteobacteria such as was stated in the second sentence, please rewrite this.

Ok. All this paragraph have been rewritten, we hope it become correct now.

9. Delete the sentence “In 2001, Sy et al. reported that some rhizobia isolated from *Crotalaria* sp. in Senegal were phylogenetically separated from all known rhizobia. They are a new species of the genus *Methylobacterium*, for which the name of *M. nodulans* was proposed.” In the last sentence “findings” not “finding”.

OK. it was deleted

10. Please write in italics all species names including those from subheadings

Thank you, we tried to revise and apply this in all the text, we hope we didn't forget any mistake

11. There are many misspelled words and grammatical errors in all text, please revise them carefully

Thanks, we revised all the manuscript and tried to do our best correct this, we hope we have been up to it.

Thank you very much for all you're advices. We really appreciated the actual higher quality of our manuscript than the first one we have sent.