

General comments: The author responses to reviewer comments and revisions are satisfactory. I commend the authors for their thorough and thoughtful revisions.

Specific comments:

L406: Suggest “Response of bulk soil organic carbon concentration to warming, root treatment, depth, and their interaction”

Sincerely thanks for your thorough reviewing, and constructive suggestions to improve the quality of this manuscript.

I have changed this sentence to “Response of bulk soil organic carbon concentration was tested to warming, root treatment, depth, and their interaction” as suggested.

L418:What is meant by “Carbon number”?

I have added a brief explanation about what does carbon number mean after “carbon number” in the parentheses “refers to the total number of carbon atoms in the backbone of the respective suberin monomers”

L446: What is the percentage in the parentheses?

I deleted the percentage in the parentheses to avoid confusion.