

Interactive comment

Interactive comment on "Soil properties determine the elevational patterns of base cations and micronutrients in plant-soil system up to the upper limits of trees and shrubs" by Ruzhen Wang et al.

Ruzhen Wang et al.

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Comment 1: My main concern is the lack of information from the study systems and sampling design which currently limits the ability to fully interpret the results. Information of the elevations studied at each location – which should automatically provide elevational ranges studied – is needed to provide information on, and assess, the comparability among sites studied. Reply: We have provided the information of elevational ranges including soil parent materials, bedrock and ranges of both MAP and MAT in Table S1. This has also been mentioned in Lines 146-147 of main text. Comment 2: Other relevant information to include would have been MAT and MAP

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a random factor in the analysis across site effects. I wonder if treating them as main

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lines 150-153). Reply: Not all the soil was dried. We separated soil samples into two parts with one of them being air-dried and the other stored at 4 °C for further analyses

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37:211-219. Reply: This reference has been cited in the manuscript (Line 347). Comment 13: Technical corrections: Line 70âĂŤThere is a word missing to connect

the first part with the second part of the sentence. Line 365: Word missing: "one of (the) main..." Reply: We thank the reviewer for the observation and apologize for the oversight. These have been corrected in Line 73 and 376.

Please also note the supplement to this comment: https://www.biogeosciences-discuss.net/bg-2017-298/bg-2017-298-AC2-supplement.pdf

Interactive comment on Biogeosciences Discuss., https://doi.org/10.5194/bg-2017-298, 2017.

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