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# *Interactive comment on* "Changes in soil organic carbon and nitrogen capacities of *Salix cheilophila* Schneid along a revegetation chronosequence in semi-arid degraded sandy land of the Gonghe Basin, Tibet Plateau" *by* Y. Yu and Q. Z. Jia

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Thank you very much for your thoughtful comments and considerate suggestions for our manuscript. These comments are valuable and helpful for improving our manuscript. We have fully considered the referee's comments in the revision and improved the manuscript accordingly. We hope the new version of the revised manuscript would meet the Journal's standard. Answers to referee's questions are bold.

Anonymous referee #2: Generally comments: This manuscript described the SOC and



TN change of restoration in a sandified and desertified region in Qinghai-Tibet plateau which is very important for ecological restoration in this area. Such study is very few in this region. Generally, the manuscript is well structured and organized. Also, the results were expressed very well. I recommend this manuscript could be accepted with minor modification.

Specific comments: 1. afforestation with Salix cheilophila should be restoration with Salix cheilophila. Response: Thanks very much for the reviewer's precious comment. The "afforestation with Salix cheilophila" was all changed to "restoration with Salix cheilophila" in the revised manuscript. 2. I suggest the discussion and results could be separated into two parts. Response: Thanks very much for the reviewer's considerate suggestion for separating the results and discussion parts. In most of the paper, these two parts were separated. In this manuscript, we suppose that it is more appropriate to combine the two parts for considering the integrity of the analysis of SOC and TN changes along a revegetation chronosequence. Based on the result of BD and biomass, we discussed the relationship between BD/biomass and SOC respectively, which might improve the SOC analysis in the following section. We hope that we are following your point. 3. In Figure 1, the sites could be further located in detail. Response: Thanks very much for the reviewer's comment. The study site was revised and we added the specific information. (See supplement figure 1).

Please also note the supplement to this comment:
http://www.solid-earth-discuss.net/6/C797/2014/sed-6-C797-2014-supplement.pdf

Interactive comment on Solid Earth Discuss., 6, 2371, 2014.

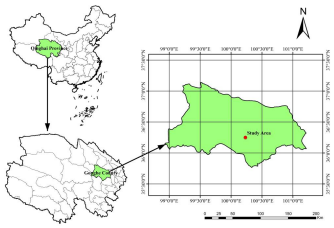


Figure 1. Location of the study area, Gonghe County, Qinghai Province, China.

**Fig. 1.**