Manuscript bg 2017-369, final comments from referee 2:

I am happy with the answers provided by the authors and with the interesting scientific debate created around it, so I recommend publication of the manuscript in biogeosciences. Just a few comments to make in relation with the answers provided:

- Depression of NP at high WC (FIG. 4). I still do not see clearly why the depression of NP is similar, late and low in C and G crusts (current abstract). Regarding C crusts (at least for "dom" sample) authors claim that could not detect feasible measuring points between 100%-80% of normalized water content, probably a critical range to analyze the concept of depression of NP at high WC. At the same time, depression of NP at high WC in G crusts is not low under my point of view, since it starts at 0 or very close to 0 at high WC for the "all" and "dom" samples respectively

- CCM mechanism. Thanks for interesting explanations provided. I was wondering in a possible suggestion to see the pattern mentioned more clearly, same graphs than S2 could be included for the G crusts in order to show clearly differences in CO2 gas exchange patterns in a BSC with CCM Vs without CCM

- Reference list: The reference provided of Raggio et al. (2017) has a wrong title in the reference list. Authors wrote it correctly in the rebuttal to my comments but not in the reference list. Please change it

  That's all