

1 Dear Dr. Martin Grosjean:

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3 I am uploading the revised manuscript of the paper: "Climatic variability and human impact during
4 the last 2000 years in western Mesoamerica: evidence of late Classic and Little Ice Age drought
5 events". This manuscript has the changes and suggestions from Dr. Brenner, Dr. Davies and
6 yourself, which can be summarized as follows:

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8 Fig. 2 – was changed to calibrated ages

9 -More information and a new reference was given in the text about thickness and color of Toba
10 Jala in our sequences, and its position and age was indicated in Fig. 2.

11 -We modified figure 3, and added a "+" mark on the samples that had low diatom counts.

12 - We included the reference to Bhattacharya et al. 2014 and this site was also included in Fig. 1
13 and new Fig. 4

14 -We added a new synthesis figure, Fig. 4.

15

16 All the best

17

18 Margarita Caballero