Response:

CE1: Thanks for the corrections.

TS1: Dear editor, the current legend in Proofreading File is for an initial figure that has been removed during the review process, and does not match the contents in final figure 4. Therefore, the legend in figure 4 needs to be replaced by the following sentences: “**Figure 4.** The relative contributions of the local indicators in explaining the spatial patterns of mean annual NEP. (a) The linear regression between mean annual NEP with (*R*2 = 0.33, *P* < 0.01) and (*R*2 = 0.25, *P* < 0.01) across sites. (b) The relative contributions of each indicator to the spatial variation in mean annual NEP. The number of years at each site is indicated with the size of the point.”.

TS2: Data availability for the eddy-covariance sites should be corrected to “The FLUXNET2015 dataset is available online at https://fluxnet.fluxdata.org/data/fluxnet2015-dataset/ (last access: February 2019, Lawrence Berkeley National Laboratory)”.