

We have experimented with combining Figure 3-6 but cannot find a combination that does not result in unacceptable loss of information. As each figure contains its own specific information, we argue that these should be retained in the paper and as a result have not made any changes.

We have checked all instances where lake names appear in the text and have made sure the naming is now consistent throughout.

We disagree with Reviewer 1 that the climate analysis is inconclusive. We also feel that the findings are important enough to warrant inclusion in the main text. We clearly show statistically significant association of sediment inferred P yield with climate, associations that vary through the Holocene. That the association with runoff is similar to that observed with rivers is an important observation, and given current interest in temperature control over landscape process it is important that we explain that a direct effect is not seen. We accept, however, that these points were not reflected in the conclusions and have rectified this.