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Interactive comment on “Fluvial organic carbon losses from a Bornean blackwater river” by S. Moore et al.

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Page Line Comments

8323 2 It must be a mis-spell. What does Kya mean?

8324 25 Why you did not use Glass Fiber Filter? I think the cellulose acetate membrane filter is not free from organic carbon that may contaminate your samples

8325 1-3 Your assumption that all residue is only POM is incorrect as the particulate may retain some inorganics derived from mineral soils

8325 4-5 By adding sulphuric acid into your samples, you destroyed all inorganic carbon

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8325 23 I do not understand why you use EC to indicate the influence of sea water. You must record water salinity in order to check the intrusion of sea water. In addition, you samples were collected from the surface (50 cm). It must be free from sea water in this upper level of the Sebangau river profile High EC is usually common in the black water of peat

8328 11-13 Your speculation saying peat decomposition is rapid during dry season due to lower water table depth. This assumption is very common – but does not have any prove/enough evidence. Your data may also suggest that high DOC in high tide and POC in low tide may also derived from other organics from non peat sources. I think you need to measure Carbon isotopes to make sure that DOC and POC in this paper is from decomposed peats.

8341 Fig 3 Low DOC value in upper stream suggests that the water contain inorganics which have been destroyed during sample preparation (by adding Sulphuric acids)

8324 20-23 Other data mentioned in methods (e.g. water temp, pH, and GPS coordinates of sample points) are not reported in this paper. Why? It must be correlations between pH and DOC

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