

Interactive comment on “Direct linking of Greenland and Antarctic ice cores at the Toba eruption (74 kyr BP)” by A. Svensson et al.

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Authors presented ice core analysis to understand Toba volcanic eruption event. In figure 1 and 4, the concentration of various chemical species is shown. Do you distinguish between volcanic ash and dust particles? It seems you assume ash particles are categorized under dust particles. Our lab studies show that they have different physio-chemical properties. Eruptions inject large amount of ash particles into the atmosphere and these air-borne particles might get transported, and one can imagine finding these ash particles in the ice cores. Any thoughts.

Interactive comment on Clim. Past Discuss., 8, 5389, 2012.

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Interactive Discussion

Discussion Paper

