

Interactive comment on “Paleosols in the transantarctic mountains: indicators of environmental change” by J. G. Bockheim

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This is an excellent paper outlining a variety of relict and buried paleosols in the Transantarctic Mountains of Antarctica. It illustrates and categorizes them well, and makes the point that they are common. It also outlines possible paleoclimatic implications of the paleosols, but is rather timid in that direction. With so many paleosols it should be possible to extract paleoclimatic time series for particular regions, using a variety of transfer functions. This paper makes a good beginning, and hopefully will stimulate the construction of paleoclimate records to rival those from the deep sea.

A minor quibble with the text is that it slips between I and we in a rather confusing fashion: this is fine when the citation following has multiple authors, but otherwise distracting.

C343

Interactive comment on Solid Earth Discuss., 5, 1007, 2013.

C344