

Interactive comment on “Isovolumetric replacement and aeolian deposition contributed to Terrae calcis genesis in Franconia (central Germany)” by Bernhard Lucke et al.

Anonymous Referee #2

Received and published: 22 June 2017

I went thoroughly through this manuscript and had to conclude that its quality is poor to the extent that I have no interest to spend any further effort in its improvement or so. The authors seemingly do not know what they are writing about and have no idea of the way in which up to date studies on such residual soils should be performed. It is just a small number of EDS-data on a few thin sections - the only somewhat more 'novel' data - and these results are stretched and interpreted in a way which I would never have accepted from one of my MSc students. Moreover, it blunders through the complexities of the geochemistry of such systems and is full of unfounded statements and assumptions. Could it be improved: yes but only if at least 2/3 of the manuscript concerned with all these unfounded hypotheses, interpretations and conclusions are

C1

eradicated (and not to forget, completely irrelevant references) and it would be based only on true results and their unbiased interpretation. I am not inclined to aid them in that, since I am afraid that they simply miss the required expertise and attitude. The latter has to do with the style of the manuscript: in my long career I have seen few such vague, biased and hypothetical papers with so little data.

Please also note the supplement to this comment:

<http://www.soil-discuss.net/soil-2017-4/soil-2017-4-RC2-supplement.pdf>

Interactive comment on SOIL Discuss., <https://doi.org/10.5194/soil-2017-4>, 2017.

C2