

## **Review of paper n. essd-2024-435 ‘Deep-Time Marine Sedimentary Element Database’**

### General comment

Lai and co-authors have done well in addressing all review comments, further improving the credibility of their DM-SED database and the readability of the manuscript. Therefore, I would recommend this database and the companion paper for publication after few minor technical corrections.

### Technical comments

Lines 273: ‘Sd, Siderian’ is repeated here

Line 303: I think something is missing here. In the previous version you referred to shelves. It may be worth restoring the word or clarifying this sentence