

Bagherpour, B., Bucher, H., Vennemann, T., Schneebeli-Hermann, E., Yuan, D.-x., Leu, M., Zhang, C., and Shen, S.-Z., 2019, Are Late Permian carbon isotope excursions of local or of global significance?: GSA Bulletin, <https://doi.org/10.1130/B31996.1>.

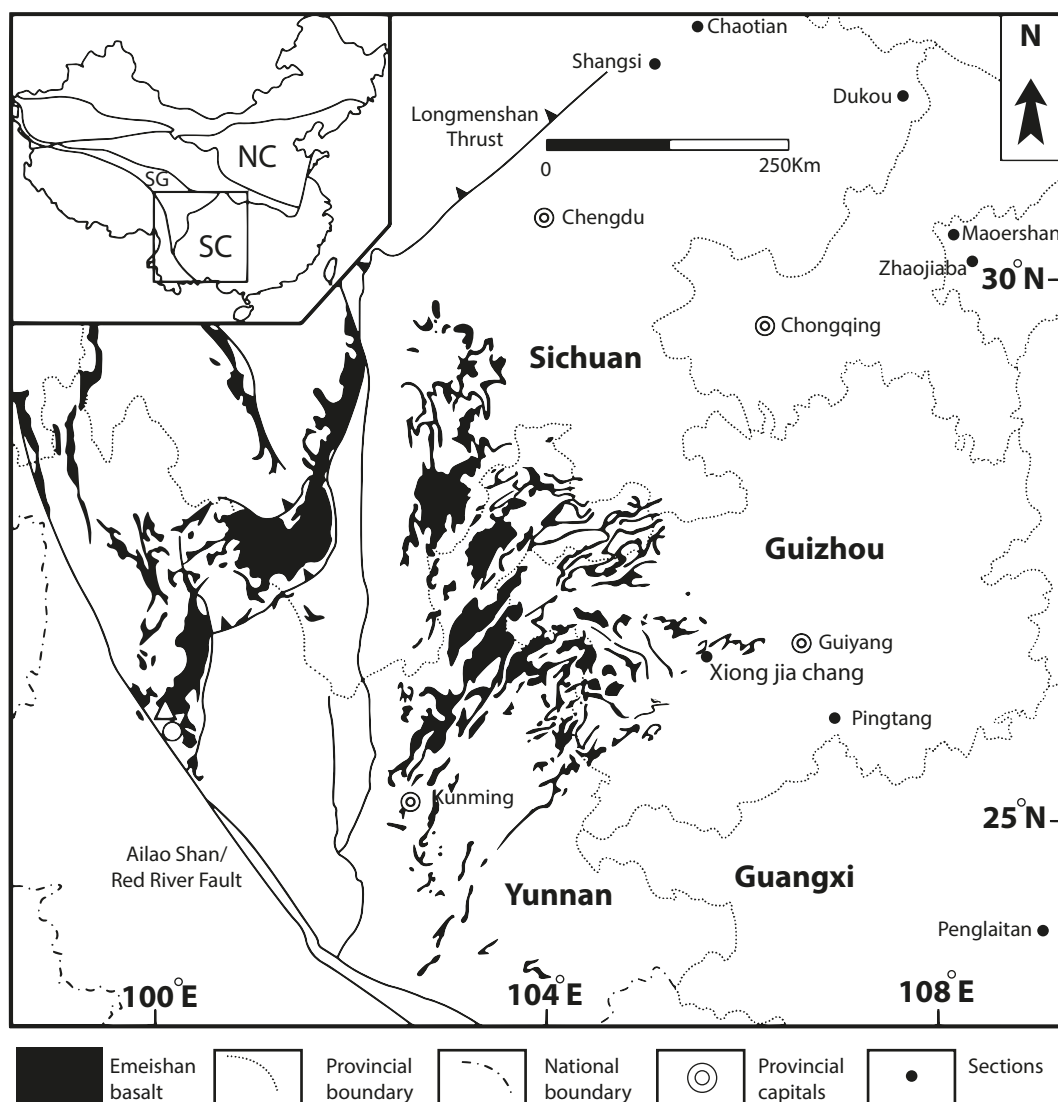
Data Repository

Supplementary File S1. Distribution of Emeishan basalt and location of discussed sections in the text (modified from Ali et al., 2010; Huang et al., 2018). SC—South China craton; SG—Songpan-Ganzi; and NC—North China craton.

Supplementary File S2. $\delta^{13}\text{C}_{\text{carb}}$, $\delta^{18}\text{O}_{\text{carb}}$, $\delta^{13}\text{C}_{\text{org}}$, carbonate content, and Rock-Eval data measured at Guantan (GUA), Potuo (PUT), Layin (LAY), and Laxian (LAX) sections.

Supplementary File S3. Stratigraphic log of the Guantan section with $\delta^{13}\text{C}_{\text{carb}}$, $\delta^{18}\text{O}_{\text{carb}}$ and $\delta^{13}\text{C}_{\text{carb}}$ data after removing samples with $\delta^{18}\text{O}_{\text{carb}}$ values < -7 ‰. Grey and white bands highlight different chemostratigraphic intervals.

Ali, J.R., Fitton, J.G., and Herzberg, C., 2010, Emeishan large igneous province (SW China) and the mantle-plume up-doming hypothesis: *Journal of the Geological Society*, v. 167, no. 5, p. 953–959, <https://doi.org/10.1144/0016-76492009-129>.



Supplementary File. S1
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