Correction to: Switching from seismic faulting to silent slips in harzburgite induced by H₂O fluid at upper mantle pressures

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In the original version of the article, the Fig. 2 was published incorrectly. The corrected Fig. 2 is provided in this correction.

The original article can be found online at <https://doi.org/10.1007/s00410-020-01716-x>.

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Fig. 2 Representative stress, pressure, strain, and continuous acoustic records in harzburgite samples deformed at 960 K. **a** A fluid-bearing sample (M2182). **b** A fluid-free sample (M2065). The stress values were obtained from five diffraction peaks of olivine (solid circle: 020, solid diamond: 021, solid square: 101, solid triangle: 130; open triangle: 131). Pressure is shown by gray open circles. The cumulative number of AEs (gray line) and AE amplitudes (red impulses: AEs from the inside of the sample; green impulses: outside of the sample) are plotted as a function of time. AE data from the outside of the sample are also shown here to demonstrate that AE monitoring was continued during the deformation runs. The total number of AE

events (N_i : from the inside of the sample; N_o : outside of the sample) is also shown. The timing when a fault occurred is shown by a thick blue-dashed line. The highest strain rate probably due to fault slip is shown by a pink arrow. **c**, **d** Representative three-dimensional views of AE hypocenters in deforming harzburgites (**c** M2182; **d** M2065). Positions of the (Mg, Co)O pressure medium are shown by a cube (black lines). The sample region before the deformation is shown by a blue cylinder. Red and green dots are the positions of AE hypocenters (red: sample inside; green: outside of the sample). Arrows represent the compressional direction. Black lines represent the range of location error

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