



Corrigendum to "A database of plagioclase crystal preferred orientations (CPO) and microstructures - implications for CPO origin, strength, symmetry and seismic anisotropy in gabbroic rocks (vol 4, pg 511, 2013)"

Takako Satsukawa, Benoit Ildefonse, David Mainprice, Luis Morales, K. Michibayashi, Fabrice Barou

► To cite this version:

Takako Satsukawa, Benoit Ildefonse, David Mainprice, Luis Morales, K. Michibayashi, et al.. Corrigendum to "A database of plagioclase crystal preferred orientations (CPO) and microstructures - implications for CPO origin, strength, symmetry and seismic anisotropy in gabbroic rocks (vol 4, pg 511, 2013)". Solid Earth, 2014, 5 (1), pp.509. 10.5194/se-5-509-2014 . hal-01115507

HAL Id: hal-01115507

<https://hal.science/hal-01115507>

Submitted on 6 Sep 2020

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



Distributed under a Creative Commons Attribution 4.0 International License



Corrigendum to

“A database of plagioclase crystal preferred orientations (CPO) and microstructures – implications for CPO origin, strength, symmetry and seismic anisotropy in gabbroic rocks” published in Solid Earth, 4, 511–542, 2013

T. Satsukawa^{1,2,*}, B. Ildefonse², D. Mainprice², L. F. G. Morales³, K. Michibayashi^{1,4}, and F. Barou²

¹Graduate School of Science and Technology, Shizuoka University, Ohya 836, Shizuoka 422-8529, Japan

²Géosciences Montpellier, Université Montpellier 2 and CNRS, CC 060, 34095 Montpellier cedex 5, France

³Helmholtz Zentrum Potsdam, Deutsches GeoForschungsZentrum (GFZ), Telegrafenberg, 14473 Potsdam, Germany

⁴Institute of Geosciences, Shizuoka University, Ohya 836, Shizuoka 422-8529, Japan

* present address: ARC Center of Excellence for Core to Crust Fluid Systems (CCFS) and GEMOC National Key Centre, Department of Earth and Planetary Sciences, Macquarie University, Sydney, NSW 2109, Australia

Correspondence to: T. Satsukawa (takako.satsukawa@mq.edu.au)

In the paper “A database of plagioclase crystal preferred orientations (CPO) and microstructures – implications for CPO origin, strength, symmetry and seismic anisotropy in gabbroic rocks” by T. Satsukawa et al. (Solid Earth, 4, 511–542, doi:10.5194/se-4-511-2013, 2013) an error occurred in the second paragraph of Sect. 5.7. The correct paragraph should be as follows:

In the present study, there is a clear variation of the (010) and [100] pole figures from point maxima to girdle distributions, with associated changes in the (001) pole figures. We introduce the BA-index (similar to the LS index used Ulrich and Mainprice (2005) to described variations between the symmetry of (010) and [001] pole figures in omphacite) to characterize the symmetry variation of the (010) and [100] pole figures, which is defined as $1/2[2 - P_{(010)}/(G_{(010)} + P_{(010)}) - G_{[100]}/(G_{[100]} + P_{[100]})]$. P and G are defined in Sect. 3.2 above.