

Interactive comment on “Myrmekite and strain weakening in granitoid mylonites” by Alberto Ceccato et al.

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Although a "metasomatic" role of fluid is accepted or proposed in the origin of myrmekite and similar microstructures, I see the Cesare et al (2002) paper quoted here in the context "Myrmekite replacement is related either to K-feldspar chemical instability in the presence of metasomatic fluids (Cesare et al., 2002),..."

On the contrary, in the conclusions of Cesare et al (2002) one can read: "The agreement of observed mineral compositions and abundances with predictions based on thermodynamic calculations, along with existence of CKNASH mass balance relations among corona and adjacent matrix, supports our contention that myrmekite can develop in a closed system, of thin-section scale, without involving larger scale metaso-

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matic exchange."

A revision of the manuscript is necessary. Thanks,

Bernardo Cesare

Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2018-70>, 2018.

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