

Lithosphere

ISSN 1941-8264 | VOLUME 1 | NUMBER 4 | AUGUST 2009

Lithosphere aims to provide timely publication of interdisciplinary, multidisciplinary, and cross-disciplinary research in addition to disciplinary studies of broad tectonic interest.

Contents

- 195** **Subducted oceanic asthenosphere and upper mantle flow beneath the Juan de Fuca slab**
R.M. Russo
- 206** **Arkosic rocks from the San Andreas Fault Observatory at Depth (SAFOD) borehole, central California: Implications for the structure and tectonics of the San Andreas fault zone**
Sarah Draper Springer, James P. Evans, John I. Garver, David Kirschner, and Susanne U. Janecke
- 227** **Parkfield revisited: I. Data retrieval**
Cinna Lomnitz and Chao-jun Zhang
- 235** **Anisotropy of magnetic susceptibility in weakly deformed red beds from the Wyoming salient, Sevier thrust belt: Relations to layer-parallel shortening and orogenic curvature**
Arlo Brandon Weil and Adolph Yankee