

Interactive  
Comment

## ***Interactive comment on “Trail formation by ice-shoved “sailing stones” observed at Racetrack Playa, Death Valley National Park” by R. D. Lorenz et al.***

**R. D. Lorenz et al.**

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The attached supplement responds to reviewers comments. We introduce a new observation, documenting that the fragmentation of some rocks appears to be associated with the movement event (a possibly important factor in controlling the size distribution and budget of rocks on the playa). We have also identified laboratory experiment data measuring forces exerted by floating ice sheets, which supports the surprising observation that such thin sheets of buckling ice can apply enough force to bulldoze rocks.

Please also note the supplement to this comment:

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Interactive Discussion

Discussion Paper



<http://www.earth-surf-dynam-discuss.net/2/C512/2014/esurfd-2-C512-2014-supplement.pdf>

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Interactive comment on Earth Surf. Dynam. Discuss., 2, 1005, 2014.

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