

***Interactive comment on “Trail formation by  
ice-shoved “sailing stones” observed at Racetrack  
Playa, Death Valley National Park” by 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:

C512

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<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.