

Interactive comment on “Experimental sand burial affects seedling survivorship, morphological traits and biomass allocation of *Ulmus pumila* var. *sabulosa* in Horqin Sandy Land” by Jiao Tang et al.

Anonymous Referee #1

Received and published: 5 April 2016

This paper aims to study the effects of sand burial effects on seedling survivorship, morphological traits and biomass allocation. The topic is good, but there are only effects of sand burial on seedling survivorship, morphological traits and biomass allocation. The burial effects on seedling survivorship should may be results from burial effects on seedling morphological and biomass allocation strategies. So, I think that the authors should added the contents of burial effects on seedling survivorship based on seedling morphological and biomass allocation strategies. Secondly, the burial effects on seed germination and seedling emergence may be focus on the effects of irradiance and temperature effects on seed germination and seedling emergence, so some discusion

C1

contents on this aspects should be added in the discussion section. Some references can be read, Seedling performance within eight different seed-size alpine forbs under experimental irradiance and nutrient gradients; Germination strategies of twenty alpine species with varying seed mass and light availability; Plant seedling performance traits impact on successful recruitment in various microhabitats for five alpine *Saussurea* species; SEEDLING RECRUITMENT OF FORB SPECIES UNDER EXPERIMENTAL MICROHABITATS IN ALPINE GRASSLAND, etc. And, there are some format errors in the text and in the references, suggest the author should avoid the appearance of these errors in all the text.

Interactive comment on Solid Earth Discuss., doi:10.5194/se-2016-55, 2016.

C2