

Final Author Response to the interactive comments on:

“Accumulation of nitrogen and organic matter during primary succession of *Leymus arenarius* dunes on the volcanic island Surtsey, Iceland” by G. Stefansdottir et al. Biogeosciences Discuss., 11, C3624–C3624, 2014

List of all changes made in the final version of the manuscript

(all changes are indicated with yellow colour in the final manuscript):

Pdf of the article in Open Discussion	Changes to be made
Page 6602 – line 22	Put „ <i>Leymus</i> “ into italics ⇒ Should read: 4.3 <i>Leymus</i> growth
Page 6605 – line 4	Please add one sentence to the end of the Discussion chapter: ⇒ An interesting extension of the present work could also be to further study the importance of symbiotic mycorrhizal fungi in the N scavenging of the <i>Leymus</i> roots.
Page 6605 – line 21.	Please add the sentence to the Acknowledgements: ⇒ Borgthor Magnusson is acknowledged for inspiring the start of this study and giving many constructive comments.
Page 6607 – lines 19-21	Change reference of Leblans et al. to: ⇒ Biogeosciences Discuss., 11, 6269-6302, 2014
Page 6608 – lines 1-3	Change reference of Magnusson et al to: ⇒ Biogeosciences Discuss., 11, 9379-9420, 2014
Page 6608 – line 7	Change the spelling of one word in the Marschner et al. reference: ⇒ „nutritinal“ should be spelled: „nutritional“

Authors’ responses to reviewer comments:

Author responses to reviewer 1:

The authors thank for constructive and helpful comments and suggestions on the manuscript, both in the quick review and in the interactive discussion. We have made corrections to the final version paper to meet those comments/suggestions: 1) We corrected the use of italics in Latin names 2) We revised the "Acknowledgements". 3) Additionally we have updated the Reference list with the correct references to other papers appearing in the same Special Issue (by quoting them as BG or BGD references, depending on if they are still in interactive discussion or not.

Author responses to reviewer 2:

The authors thank for constructive and helpful comments and suggestions on the manuscript, both in the quick review and in the interactive discussion. We have made corrections to the final version paper to meet those comments/suggestions: I.e. We have added a point to the Discussion that it would be interesting to further study the importance of the symbiotic mycorrhizal fungi on the *Leymus* roots in Surtsey.