

Ritaskrá starfsmanna Landbúnaðarháskóla Íslands 2015

Ritrýnt efni úr flokkum A2.1, A2.2, A2.3, A3.1, A3.2, A3.3, A4.1, A4.2, A4.3 og A5.1 í matskerfi opinberra háskóla frá 14. nóvember 2013

Bjarni Diðrik Sigurðsson 2015. Sveppahandbókin. 100 tegundir íslenskra villisveppa. [The Mushroom Handbook: 100 Species of Icelandic Mushrooms] Mál og menning, Reykjavík. 287 pp. ISBN: 978-9979-3-3552-8

Krassimira Ilieva-Makulec, Brynhildur Bjarnadottir, **Bjarni D. Sigurdsson** 2015. Soil nematode communities on Surtsey 50 years after the formation of the volcanic island. *Icelandic Agricultural Sciences* 28, 43-58, doi: 10.16886/IAS.2015.05.

Thomas Berg Hasper, Göran Wallin, Shubhangi Lamba, Marianne Hall, Fernando Jaramillo, Hjalmar Laudon, Sune Linder, Jane L. Medhurst, Mats Räntfors, **Bjarni D. Sigurdsson**, Johan Uddling (2015). Water use by Swedish boreal forests in a changing climate. *Functional Ecology*, doi:10.1111/1365-2435.12546.

Nicholas Clarke, Per Gundersen, Ulrika Jönsson-Belyazid, Janne Kjønaas, Tryggve Persson, **Bjarni D Sigurdsson**, Inge Stupak, Lars Vesterdal 2015. Influence of different tree-harvesting intensities on forest soil carbon stocks in boreal and northern temperate forest ecosystems. *Forest Ecology and Management* 351, 9–19. doi: 10.1016/j.foreco.2015.04.034.

Marja Maljanen, Maarit Liimatainen, **Bjarni D. Sigurdsson** 2015. Effects of volcanic ash on GHG production rates and soil properties in a drained peat soil in Finland and a comparison to wood ash. *Icelandic Agricultural Sciences* 28, 25-28. doi: 10.16886/IAS.2015.03.

Viggó Marteinsson, A Klonowski, E Reynisson, P Vannier, **Bjarni D. Sigurdsson** and M Ólafsson 2015. Microbial colonisation in diverse surface soil types in Surtsey and diversity analysis of its subsurface microbiota. *Biogeosciences* 12, 1191-120.

Brita Berglund, L Hallgren and ÁL Aradóttir 2015. Stakeholder interaction in participatory land restoration in Iceland: Environmental officers' challenges and strategies. *Environmental Management*, 56, 519-531. DOI 10.1007/s00267-015-0506-0.
<http://link.springer.com/article/10.1007/s00267-015-0506-0#>

Christina Stadler 2015. Effect of pruning the clusters, deleaving and interplanting on the yield and profit margin of winter grown tomatoes in Iceland (á þýsku). I: DGG-Proceedings 5, No. 9, síður 1-5. DOI: 10.5288/dgg-pr-05-09-cs-2015. <http://www.dgg-online.org/proceedings/vol-05-2015/dgg-pr-05-09-cs-2015.pdf>

Kantanen J, Løvendahl P, Strandberg E, **Emma Eythorsdottir**, Li M-H, Kettunen-Præbel A, Berg P and Meuwissen T (2015). Utilization of farm animal genetic resources in a changing agro-ecological environment in the Nordic countries. *Frontiers in Genetics* 6, 52. doi: 10.3389/fgene.2015.00052
<http://journal.frontiersin.org/article/10.3389/fgene.2015.00052/abstract>

Einarsson E, **Emma Eythórsdóttir**, Smith CR and Jónmundsson, JV. 2015. Genetic parameters for lamb carcass traits assessed by video image analysis, EUROP classification and in vivo measurements. *Icelandic Agricultural Science* 28, 3-14.

Ólafur Arnalds. 2015. *The Soils of Iceland*. World Soils Book Series, Springer, Dordrecht, The Netherlands. 183pp.

Gunnarsson TG, **Ólafur Arnalds**, Appleton G, Méndez V, Gill JA 2015. Ecosystem recharge by volcanic dust drives broad-scale variation in bird abundance. *Ecology and Evolution* 5, 2386-2396. doi:10.1002/ece3.1523

<http://onlinelibrary.wiley.com/doi/10.1002/ece3.1523/abstract> (open access)

Dagsson-Waldhauserova P, **Ólafur Arnalds**, Ólafsson H, Hladil J, Skala R, Chadimova L, Meinander O. 2015. Snow-Dust Storm: Unique case study from Iceland, March 6-7, 2013. *Aeolian Research* 16, 69-74.

Peltoniemi, J. I. , M. Gritsevich, T. Hakala, P. Dagsson-Waldhauserová, **Ólafur Arnalds**, K. Anttila, H.-R. Hannula, N. Kivekäs, H. Lihavainen, O. Meinander, J. Svensson, A. Virkkula, and G. de Leeuw 2015. Soot on snow experiment: bidirectional reflectance factor measurements of contaminated snow *The Cryosphere* 9, 2323–2337, 2015 www.the-cryosphere.net/9/2323/2015/, doi:10.5194/tc-9-2323-2015

Tanner LH, Vivison M, **Ólafur Arnalds** & Svavarssdóttir K. 2015. Soil Carbon Accumulation and CO₂ Flux in Experimental Restoration Plots, Southern Iceland: Comparing Soil Treatment Strategies. *Applied and Environmental Soil Science* 2015:205846, <http://dx.doi.org/10.1155/2015/205846>

Sigríður Kristjánsdóttir 2015. The recent economic downturn and fringe-belt creation in Reykjavík, Iceland. *Urban Morphology* 19, 94-96.