

Ritaskrá starfsmanna LbhÍ 2013

Buckley, M., Fraser, S., Herman, J., Melton, N. D., Mulville, J. og **Albína Pálsdóttir**. (2013). Species identification of archaeological marine mammals using collagen fingerprinting. *Journal of Archaeological Science*.
<http://dx.doi.org/10.1016/j.jas.2013.08.021>

Ása L. Aradóttir, Hagen, D. (2013). Ecological Restoration: Approaches and Impacts on Vegetation, Soils and Society. In: Sparks, D.L. (Ed.), *Advances in Agronomy*, Academic Press, Elsevier Inc., 173–222.

Ása L. Aradóttir og **G. Óskarsdóttir**. (2013). The use of native turf-transplants for roadside revegetation in a subarctic area. *Icelandic Agricultural Sciences*, 26, 59-67.

Ása L. Aradóttir, **Pórunn Pétursdóttir**, Guðmundur Halldórsson, Kristín Svavarsdóttir og **Ólafur Arnalds**. (2013). Drivers of ecological restoration—lessons from a century of restoration in Iceland. *Ecology and Society*, 18(4), 33

Nilsson, C. og **Ása L. Aradóttir**. (2013). Ecological and Social Aspects of Ecological Restoration: New Challenges and Opportunities for Northern Regions. *Ecology and Society*, 18(4), 35.

Hagen, D., Kristín Svavarsdóttir, Nilsson, C., Tolvanen, A., Raulund-Rasmussen, K., **Ása L. Aradóttir**, Fosaa, A.M. og Halldórsson, G. (2013). Ecological and social dimensions of ecosystem restoration in the Nordic countries. *Ecology and Society*, 18(4), 34.

Finn, J.A., Kirwan, L., Connolly, J., Sebastià, M.T., **Áslaug Helgadóttir**, Baadshaug, O.H., Bélanger, G., Black, A., Brophy, C., Collins, R.P., Čop, J., Sigríður Dalmannsdóttir, Delgado, I., Elgersma, A., Fothergill, M., Frankow-Lindberg, B.E., Golinski, P., Grieu, R., Gustavsson, A.M., Höglind, M., Huguenin-Elie, O., Jørgensen, M., Kadziulienė, Z., Lunnan, T., Malengier, M., Nykanen-Kurki, P., Porqueddu, C., Thumm, U. og and Lüscher, A. (2013). Ecosystem function enhanced by diversity of functional traits in intensively-managed grassland mixtures: a three-year continental-scale field experiment. *Journal of Applied Ecology*, 50, 365–375.

Sturludóttir, E., Brophy, C., Bélanger, G. og **Áslaug Helgadóttir**. (2013). Benefits of mixing grasses and legumes for biomass quantity and quality in Northern Europe and Canada. *Grass and Forage Science*. doi:10.1111/gfs.12037. Sótt af <http://onlinelibrary.wiley.com/doi/10.1111/gfs.12037/abstract>

Guðmundur Halldórsson, **Bjarni D. Sigurdsson**, Brynja Hrafnkelsdóttir, Edda S. Oddsdóttir, Ólafur Eggertsson and Erling Ólafsson. (2013). New pests on trees and shrubs and changes in pest dynamics: a review. *Icelandic Agricultural Sciences* 26, 69-84. Sótt af [http://www.ias.is/landbunadur/wgsamvef.nsf/Attachment/Halldorsson%20et%20al%202013/\\$file/Halldorsson%20et%20al%202013.pdf](http://www.ias.is/landbunadur/wgsamvef.nsf/Attachment/Halldorsson%20et%20al%202013/$file/Halldorsson%20et%20al%202013.pdf)

Bjarni D. Sigurdsson og **Bjarni E. Gudleifsson**. (2013). Impact of afforestation on earthworm populations in Iceland. *Icelandic Agricultural Sciences*, 26, 21-36. Sótt af [http://www.ias.is/landbunadur/wgsamvef.nsf/Attachment/Sigurdsson%20et%20al%202013/\\$file/Sigurdsson%20et%20al%202013.pdf](http://www.ias.is/landbunadur/wgsamvef.nsf/Attachment/Sigurdsson%20et%20al%202013/$file/Sigurdsson%20et%20al%202013.pdf)

Rakel J. Jónsdóttir, **Bjarni D. Sigurdsson** og Lindström, A. (2013). Effects of nutrient loading and fertilisation at planting on growth and nutrient status of Lutz spruce (*Picea x lutzii*) seedlings during the first growing season in Iceland. *Scandinavian Journal of Forest Research*, 28(7), 631-641. DOI: 10.1080/02827581.2013.824503

Bjarni D. Sigurdsson, Medhurst, J.L., Wallin, G., Ólafur Eggertsson og Linder, S. (2013). Growth of mature boreal Norway spruce was not affected by elevated [CO₂] and/or air temperature unless nutrient availability was improved. *Tree Physiology*. doi:10.1093/treephys/tpt043 .

Vesterdal, L., Clarke, N., **Bjarni D. Sigurdsson** og Gundersen, P. (2013). Do tree species influence soil carbon stocks in temperate and boreal forests? *Forest Ecology and Management*, 309(1), 4-18. <http://dx.doi.org/10.1016/j.foreco.2013.01.017>

Brita Berglund, Hallgren, L. og **Ása L. Aradóttir**. (2013). Cultivating Communication: Participatory Approaches in Land Restoration in Iceland. *Ecology and Society*, 18(2), 35. <http://dx.doi.org/10.5751/ES-05516-180235>

Stadler, Christina. (2013). Einfluss von Substrat, Veredelung und Bewässerung auf den Ertrag von Wintertomaten in Island. *DGG-Proceedings* 3(4), 1-5. DOI: 10.5288/dgg-

pr-03-04-cs-2013. (peer reviewed) Sótt af <http://www.dgg-online.org/proceedings/vol-03-2013/dgg-pr-03-04-cs-2013.pdf>

Bokhorst, S., Huiskes, A., Aerts, R., Convey, P., Cooper, E.J., Dalen, L., Erschbamer, B., **Jón Guðmundsson**, Hofgaard, A., Hollister, R.D., Johnstone, J., I. S. Jónsdóttir, Lebouvier, M., Van de Vijver, B., Wahren, C. og Dorrepaal, E. (2013). Variable temperature effects of Open Top Chambers at polar and alpine sites explained by irradiance and snow depth. *Global Change Biology*, 19, 64-74.
DOI: 10.1111/gcb.12028

Ólafur Arnalds. (2013). The influence of volcanic tephra (ash) on ecosystems. Í Sparks, D. L. (ritstjóri), *Advances in Agronomy 121*, (bls. 331- 380). Waltham, MA: Elsevier, Academic Press.

Ólafur Arnalds, Elín Fjóla Þórarinsdóttir, Jóhann Þórsson, **Pavla Dagsson-Waldhauserova** og Anna María Ágústsdóttir. (2013). An extreme wind erosion event of the fresh Eyjafjallajökull 2010 volcanic ash. *Scientific Reports*, 3, 1257. DOI: 10.1038/srep01257.

Ólafur Arnalds, **Berglind Orradóttir** og **Ása L. Aradóttir**. (2013). Carbon accumulation in Icelandic desert Andosols during early stages of restoration. *Geoderma*, 193-194, 172-179. <http://dx.doi.org/10.1016/j.geoderma.2012.10.018>

Dagsson-Waldhauserova, P., **Ólafur Arnalds** og Haraldur Ólafsson. (2013a). Long-term frequency and characteristics of dust storm events in Northeast Iceland (1949-2011). *Atmospheric Environment*, 77, 117-127.
<http://dx.doi.org/10.1016/j.atmosenv.2013.04.075>

Dagsson-Waldhauserova, P., **Ólafur Arnalds** og Haraldur Ólafsson. (2013b). Long term dust aerosol production from natural sources in Iceland. *Journal of the Air & Waste Management Association*. DOI:10.1080/10962247.2013.805703

Rasmussen, J., **Þórey Gylfadóttir**, Loges, R., Eriksen, J. og **Áslaug Helgadóttir**. (2013). Spatial and temporal variation in N transfer in grass-white clover mixtures at three Northern European field sites. *Soil Biology and Biochemistry*, 57, 654-662.
<http://dx.doi.org/10.1016/j.soilbio.2012.07.004>

Þórunn Pétursdóttir, Ása L. Aradóttir og Karl Benediktsson. (2013). An evaluation of the short-term progress of restoration combining ecological assessment and public perception. *Restoration Ecology*. DOI: 10.1111/j.1526-100X.2011.00855.x.

Þórunn Pétursdóttir, Ólafur Arnalds, Baker, S., Montanarella, L. og Ása L. Aradóttir. (2013). A Social-Ecological System Approach to Analyze Stakeholders Interactions within a Large-Scale Rangeland Restoration programme. *Ecology and Society* 18(2), 29. <http://dx.doi.org/10.5751/ES-05399-180229>.