

Lecture – Tundra

Readings relevant to today's lecture:

Ecoregions by R.G. Bailey (on reserve in the library)

- Polar Chapter

Plant Physiological Ecology by H. Lambers, F.S. Chapin, and T.L. Pons (on reserve in the library)

- No materials

Original literature (in the appropriate CANVAS folder for this lecture)

Boucher, F.C., S. Lavergne, M. Basile, P. Choler, and S. Aubert. 2016. Evolution and biogeography of the cushion life form in angiosperms. *Perspectives in Plant Ecology, Evolution and Systematics* 20:22-31.

Diaz, H.F., and J.K. Eischeid. 2007. Disappearing “alpine tundra” Köppen climatic type in the western United States. *Geophysical Research Letters* 34:L18707.

Elmendorf, S.C. et al. 2012. Global assessment of experimental climate warming on tundra vegetation: heterogeneity over space and time. *Ecology Letters* 15:164-175.

Elmendorf, S.C., G.H.R. Henry, R.D. Hollister, et al. 2012. Plot-scale evidence of tundra vegetation change and links to recent summer warming. *Nature Climate Change* 2:453-457.

Pearson, R.G. et al. 2013. Shifts in arctic vegetation and associated feedbacks under climate change. *Nature Climate Change* 3:673-677.

Walker, D.A. 2005. The circumpolar arctic vegetation map. *Journal of Vegetation Science* 16:267-282.