Recommended reading list – BIO 250 Palaeoecology, autumn 2018

The reading list will be updated before the course starts, and additions can be made during the course. The list is based on published papers selected for the different topics and themes the course will cover and is not at all meant to be a complete list of all papers mentioned in the course.

Papers will be discussed during classes, and those will be distributed prior to discussions and presentations. Updates will be given on MittUiB.

Introduction to palaeoecology


Glacials and interglacials


Robin, V. et al., 2016. Too early and too northerly: evidence of temperate trees in northern Central Europe during the Younger Dryas. New Phytologist, pp.n/a–n/a.

Tree-lines


**Forest dynamics & fire**


**Biodiversity and Ecosystem Services**


Willis, K.J. et al., 2010. 4 degrees C and beyond: what did this mean for biodiversity in the past? *Systematics and Biodiversity*, 8, 3–9.

**Multi-proxy studies**


**Community Palaeoecology**


**Ecological Palaeoecology**


Williams, J.W. et al., 2013. Model systems for a no-analog future: species associations and climates during the last deglaciation. *Climate Change and Species Interactions: Ways Forward*, 1297, 29–43.


Megafauna extinctions and their consequences


Rewilding


David Nogués-Bravo et al. Rewilding is the new Pandora's box in conservation. *Bioscience*, 26, 3, pR87–R91, 8 February 2016


Dating & chronology


Quantitative reconstructions


**Long-term ecology & conservation**


**LAB and Field work**


Bergen, May 2018

Anne E. Bjune