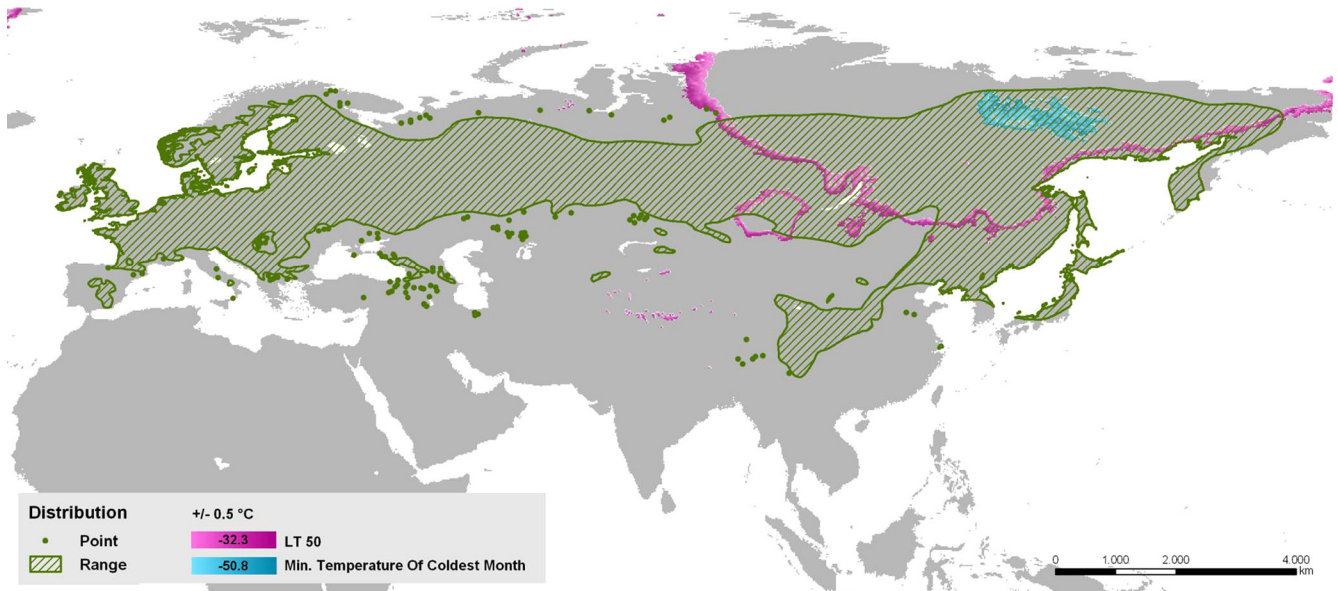


Frost hardiness of tree species is independent of phenology and macroclimatic niche

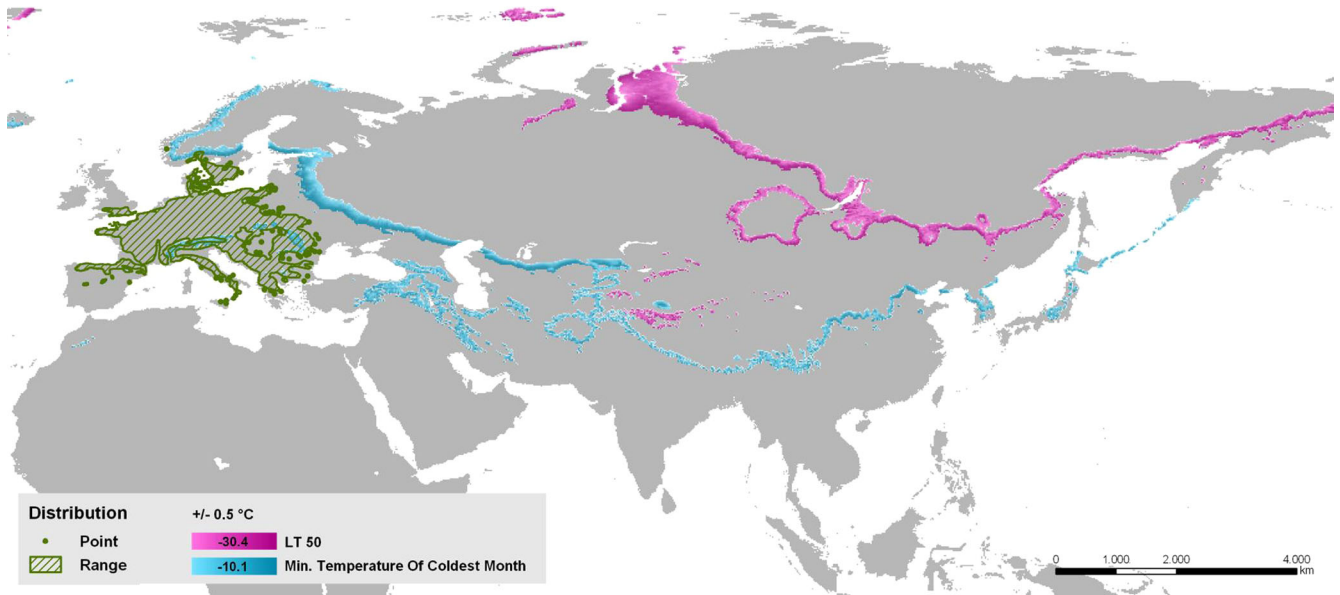
M HOFMANN and H BRUELHEIDE

J. Biosci. 40(1), March 2015, 147–157, © Indian Academy of Sciences

Supplementary material



Supplementary figure 1. Distribution map of *Betula pendula*. Green = distribution range. The region limited in magenta colours shows minimum temperatures of the coldest month that were lower than the LT_{50} value of closed buds measured in this study (-32.3°C). The region limited in blue colour shows the lowest 1%-percentile of the minimum temperature of the coldest month (-50.8°C).



Supplementary figure 2. Distribution map of *Fagus sylvatica*. Green = distribution range. The region limited in magenta colours shows minimum temperatures of the coldest month that were lower than the LT_{50} value of closed buds measured in this study (-30.4°C). The region limited in blue colour shows the lowest 1%-percentile of the minimum temperature of the coldest month (-10.1°C).