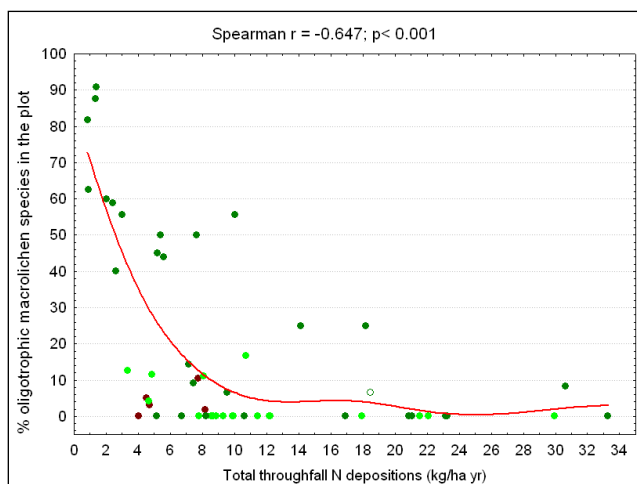


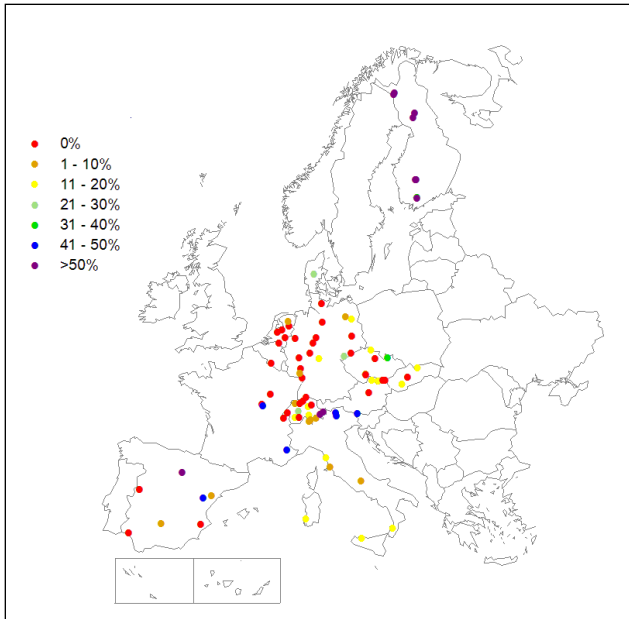
Epiphytic lichen diversity in reaction to atmospheric deposition

Epiphytic lichens are among the most sensitive bioindicators for different environmental stress factors including nitrogen deposition. On 80 % of the plots assessed during the ForestBiota test-phase, lichen species composition indicates unsustainably high nitrogen deposition. The sample dimension (12 tree per plot) recommended in the protocol used during the survey is adequate to ensure a robust estimation of the lichen diversity.



Biplot of the % oligotrophic macrolichens as a function of the total throughfall nitrogen deposition at plot level. The fitting line is a distance weighted least square function with stiffness = 0.25.

Further information and discussion of results are available in [FutMon Scientific Report](#)



Percentage of oligotrophic macrolichens on the total number of species on selected ICP Forests Level II plots.