

Supplement Figures

Figure 1S: Soil respiration rate (in $\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$) for control (a), PyOM (b) and wood (c).

Error bars represent the standard error of the mean (n=3)

Figure 2S: Cumulative losses of PyOM-C (a) and wood-C (b) as CO_2 in % of the initial C input derived from equation 4. The black line represents losses under ambient N deposition and the grey line losses under increased N. Continuous line represent the mean and the dashed line the standard error of the mean (n=3).

Figure 3S: Cumulated losses as DOC for PyOM (a) and Wood (b) expressed as % of initially added organic input-C. Empty symbols represent the ambient N treatment and full symbols represent the increased N treatment. Error bars represent the standard error of the mean (n=3).