

## Appendix A

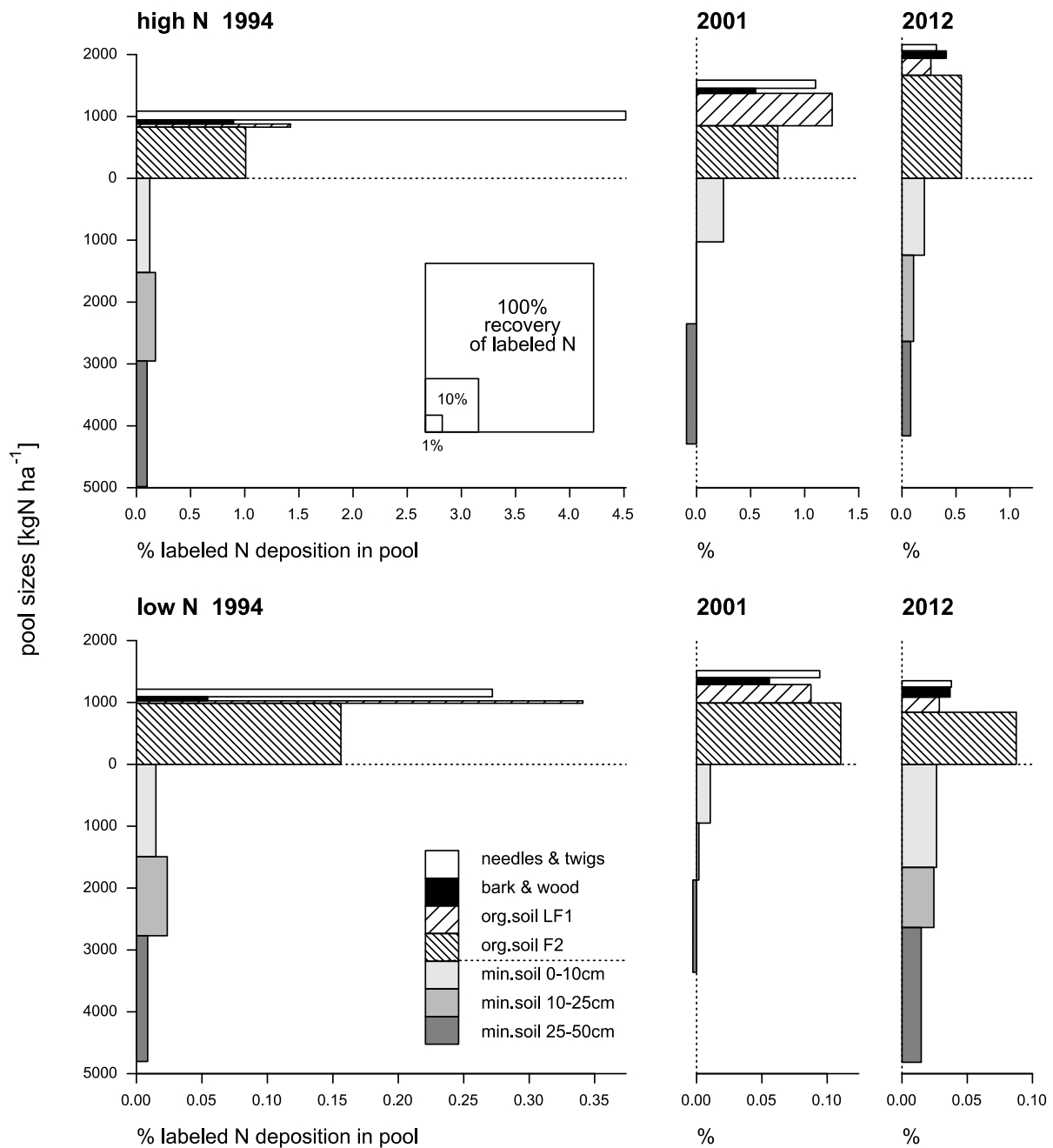
### Supplementary data

Long-term stabilization of  $^{15}\text{N}$ -labeled experimental  $\text{NH}_4^+$  deposition in a temperate forest under high N deposition.

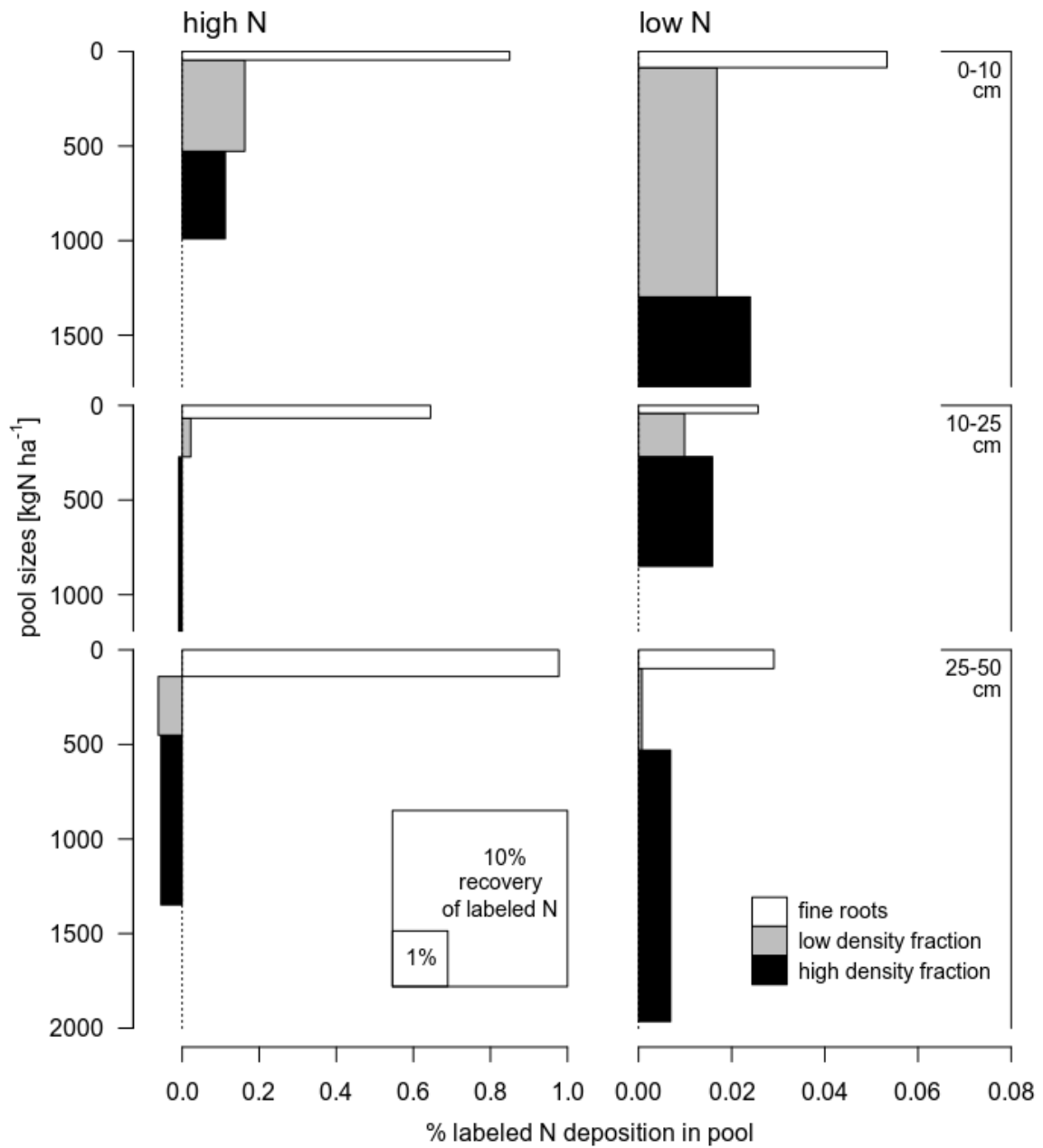
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**Fig. A1.** Size of each N pool (in kg N ha<sup>-1</sup>) against the presence of <sup>15</sup>N label in the pool in high and low N deposition plots in a Scots pine forest, one, eight and nineteen years after labeling. The size of the surface area represents the recovery of <sup>15</sup>N (as percentage of applied label, see legend in upper left panel). Please note that the x axes for the high and the low N deposition have different scales. Data 1994 from Koopmans et al. (1996), data 2001 from Wessel et al. (2013).



**Fig. A2.** Size of each N pool (in kg N ha<sup>-1</sup>) against the presence of <sup>15</sup>N label in the pool in high and low N deposition plots in three mineral soil layers of a Scots pine forest, nineteen years after labeling. The size of the surface area represents the recovery of <sup>15</sup>N (as percentage of applied label, see legend in lower left panel). Please note that the x axes for the high and the low N deposition have different scales.