Table S1. Relationships between total microplastic concentrations and soil physicochemical properties assessed using Spearman rank correlation analysis. Correlation coefficients (ϱ) and associated p-values are reported for organic matter content, pH, clay content, silt content and bulk density.

Variable	**Spearman ϱ**	**p-value**
OM	0.205	0.259
pH	-0.385	0.025
Clay	-0.003	0.988
Fine silt	-0.193	0.275
Coarse silt	-0.067	0.708
Clay + silt	-0.109	0.537
Bulk density	-0.077	0.685

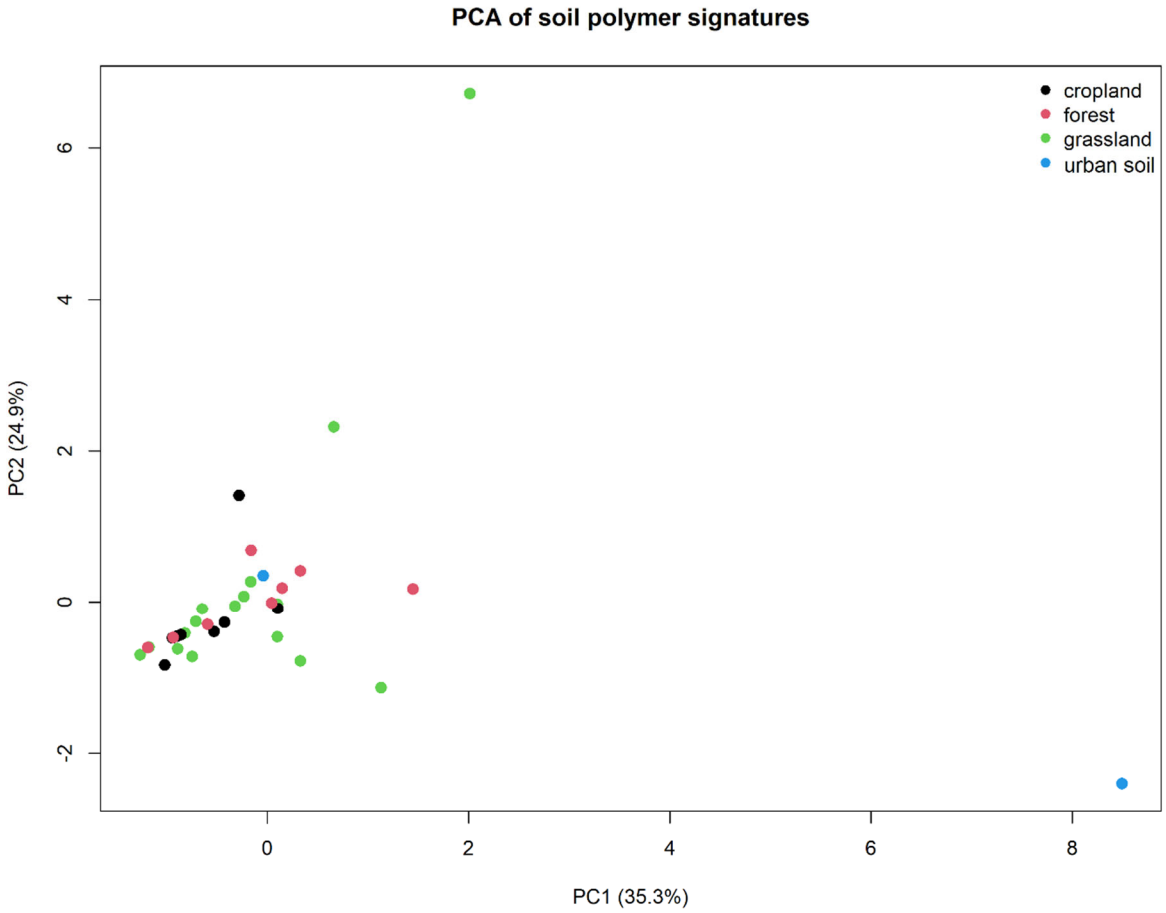


Figure S1. Principal component analysis (PCA) of polymer-specific microplastic concentrations (mg kg^{-1}) in soil samples. Samples are coloured according to land-use category. The percentage of variance explained by each principal component is indicated on the corresponding axis.