Metadata

**Relationships between plant traits, soil properties and carbon fluxes differ between monocultures and mixed communities in temperate grassland**

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Species relative abundance data for the 40 experimental plots in the community experiment at Selside Shaw (54° 10’ 47.9" N, 2° 20' 11.1” W) within Ingleborough National Nature Reserve. The survey of the plant communities was conducted at the end of May 2016 and the data corresponds to the plant species occurring within ten 100cm quadrats that were randomly sampled from across each plot and averaged.

Columns

*Plot* = number identifying each experimental plot

*Block* = experimental block plot occurred within

*Treatment code* = number coding for each treatment

*Treatment* = plant functional groups added to plant community

Remaining columns

*Plant species name (Latin) and relative abundance as a percent of total for each plot*