Amazonian Podzols - a carbon time bomb? - Supplementary data

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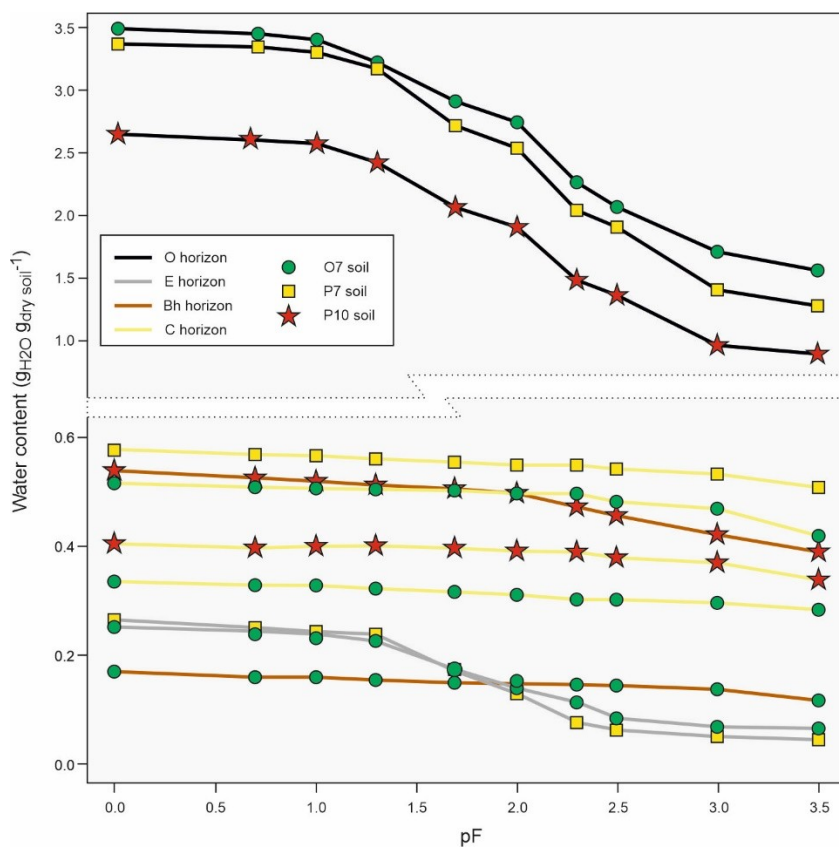
Fig S1. Moisture retention curves of the different horizons of the Amazonian Podzols.
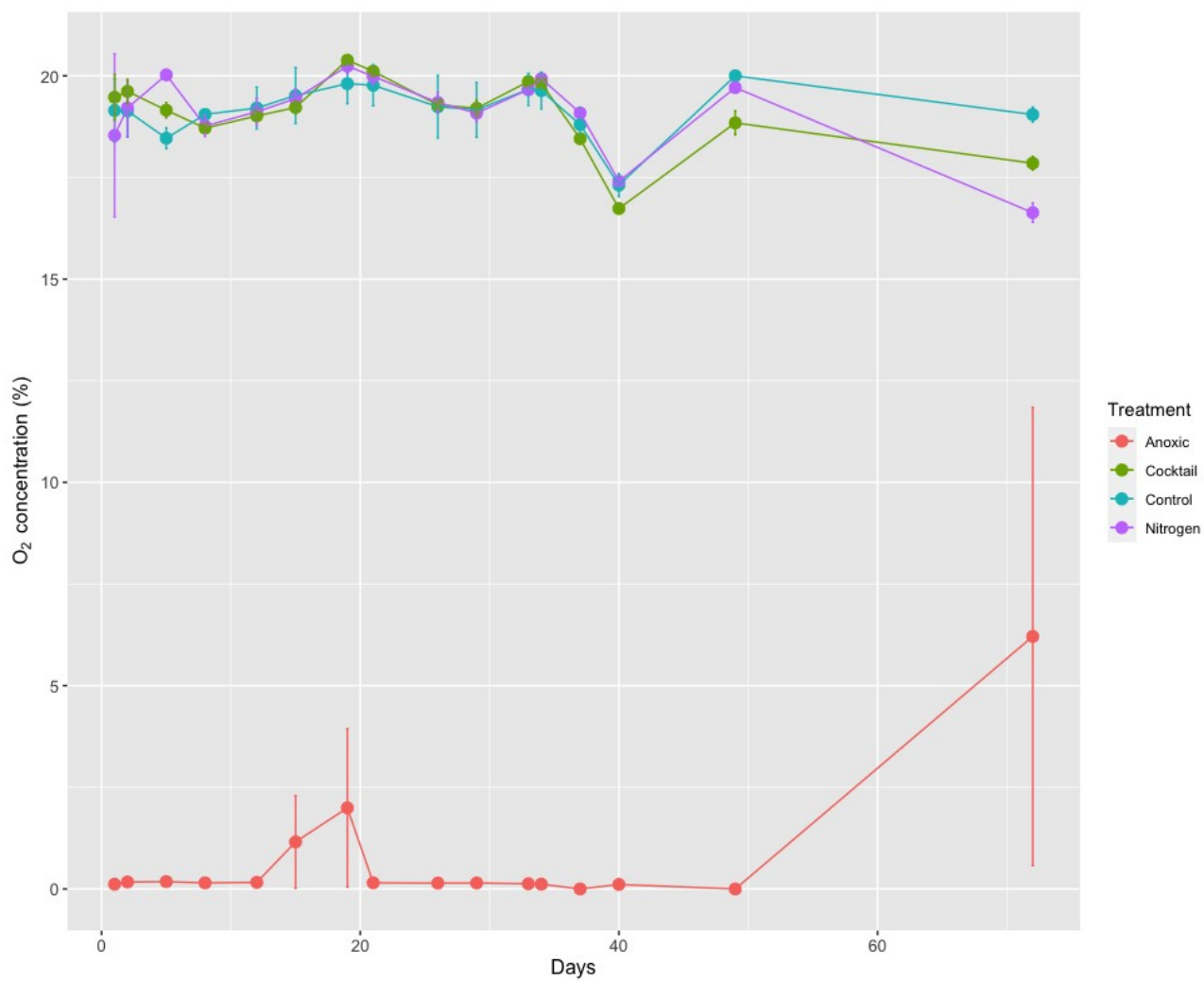
Figure S2. Oxygen concentrations in the microcosm headspaces.
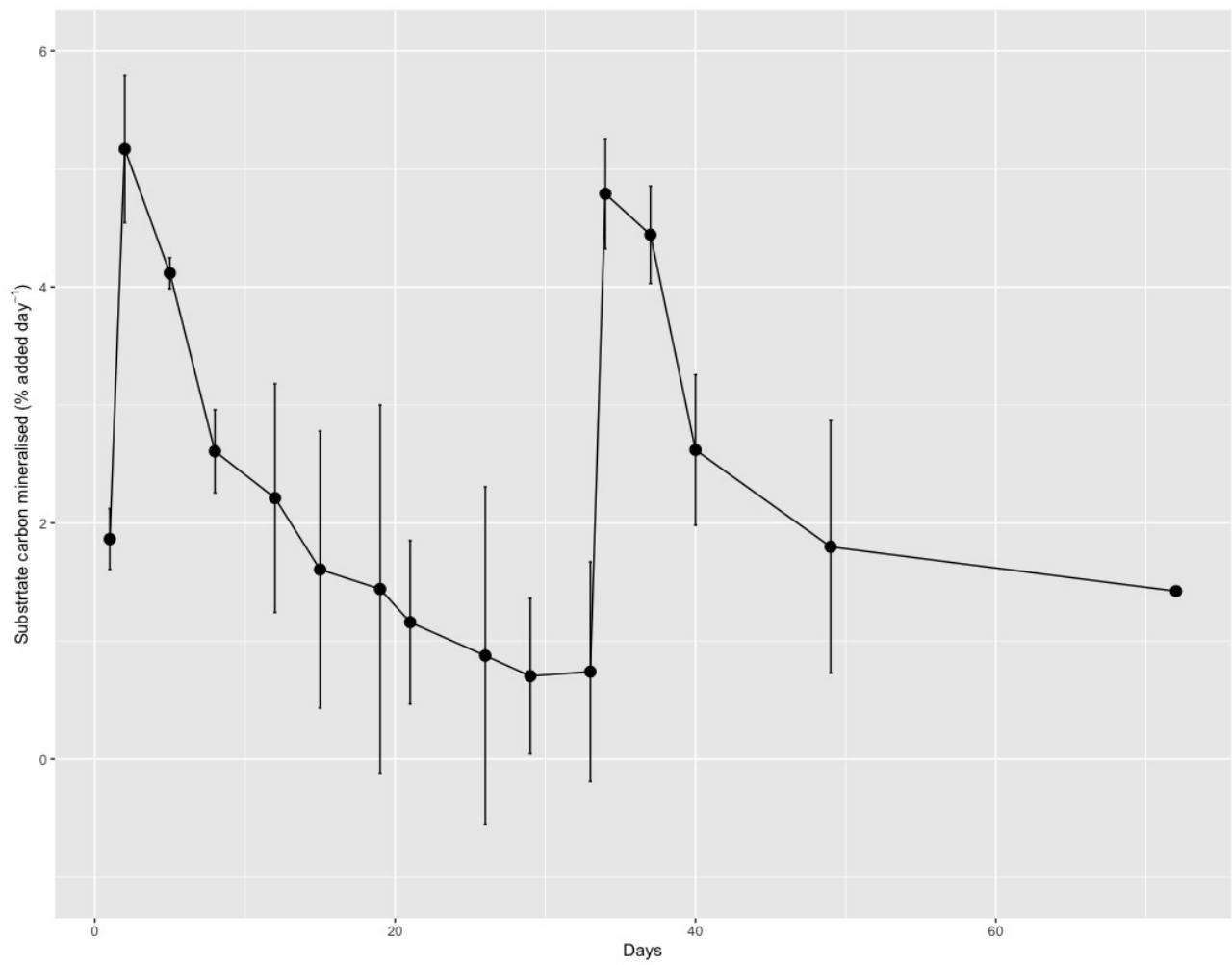
Figure S3. Mineralisation of organic C in substrate cocktail as a percentage of the C added. The two peaks occurred immediately after the addition of the cocktail, on the first and 34th days of the incubation. The bars indicate the standard error of the mean.
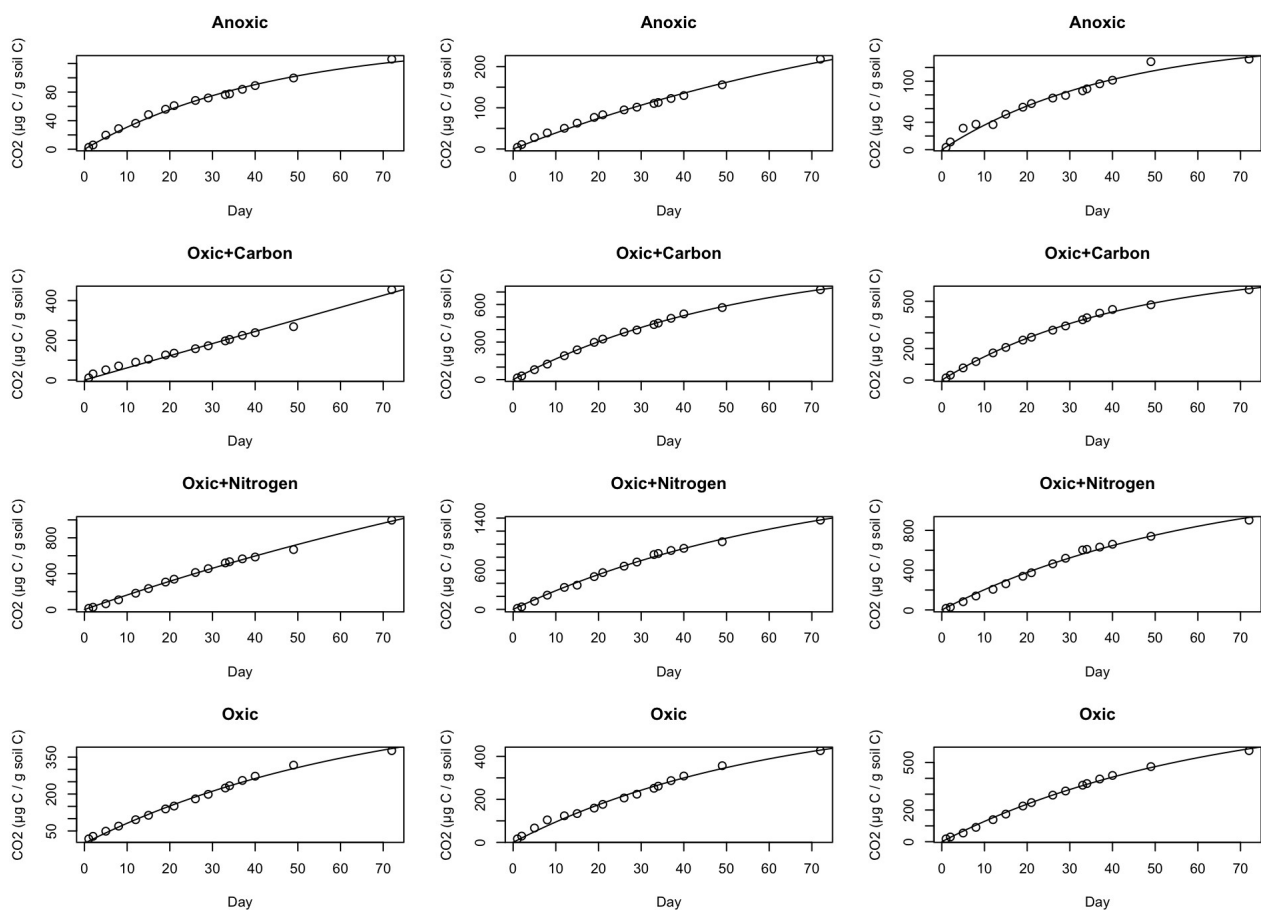
Fig S4 Soil organic C mineralisation in Podzol Bh horizons after imposition of treatments and fitted

first-order decay models. Note the differences in scale along the y-axes.

Table S1 First order decay model parameters a (size of C pool mineralised) and α (decomposition rate). Different letters within the same column indicate significant differences ($P<0.01$)

Treatment	a	Standard error	α	Standard error
Anoxic	244[a]	88	0.019[a]	0.005
Oxic	677[ab]	83	0.016[a]	0.001
Oxic + nitrogen	2119[b]	458	0.012[a]	0.003
Oxic + carbon	843[ab]	132	0.021[a]	0.002