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Supplement of

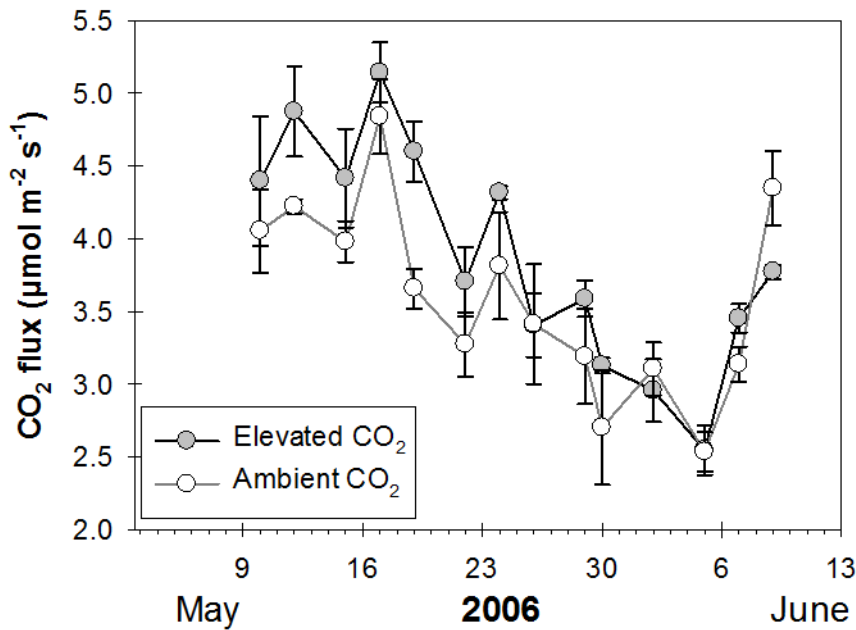
Positive feedback of elevated CO₂ on soil respiration in late autumn and winter

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1 **Supporting Information**

2 **Fig. S1**



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4 **Fig S1:** Mean CO₂ efflux +/- standard error (n=3) after installation of the frames and removal
5 of the aboveground biomass on 9th May 2006.

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7 On 11 out of 14 measurement occasions all three E-plot fluxes were higher than those of
8 their corresponding A-plot partner. A mixed Model analysis (SPSS version 18) with the
9 factors CO₂-treatment and time revealed that the soil CO₂ efflux was significantly increased
10 by CO₂ enrichment.

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20 **Table S1**
 21 Parameter estimates of the temperature-dependence model after Lloyd and Taylor (Lloyd and
 22 Taylor, 1994)

CO ₂ treatment	Model parameter	Coefficient	P value
Ambient CO ₂	E0	61.92 ± 33.59	0.07
	R10	3.00 ± 0.19	< 0.001
	T0	261.18 ± 6.53	< 0.001
Elevated CO ₂	E0	143.68 ± 103.57	0.17
	R10	3.11 ± 0.17	< 0.001
	T0	248.72 ± 13.35	< 0.001

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