

Table 1. Description of variables in the data file.

Variable name	Variable description	units	codes
Year	year of data collection	none	
PlotID	3-digit plot id	none	
Vegetation	C3 vs. C4, all C3	none	
SCAMbiomass	Peak annual productivity at census time (~ Aug. 1)	g m <sup>-2</sup>	
FineRoots_correct	annual fine root productivity per ingrowth core	g m <sup>-2</sup>	
NH4.uM	[NH <sub>4</sub> ] in porewater, unique for all depths. Sampled in July	μ M L <sup>-1</sup>	
Depth	Depth of [NH <sub>4</sub> ]. Other variables are replicated for all depths.	cm	
TempTreatment	target temperature differential for whole-ecosystem warming	°C	0 = Ambient; 1.7 = +1.7 °C above ambient; 3.4 = +3.4 °C above ambient; 5.1 = +5.1 °C above ambient
CO2Treatment	ambient or elevated CO <sub>2</sub> treatment	none	Amb = ambient; Elev = elevated