Appendix S1. Anthropogenic nitrogen deposition ameliorates the decline in tree growth caused by a drier climate. Inés Ibáñez, Donald R. Zak, Andrew J. Burton, and Kurt S. Pregitzer. *Ecology*.

Appendix S1

Analysis of discarded data points

Estimates that were zero or negative were discarded as actual growth has to be positive. To ensure we were not biasing the data we confirmed that the number of discarded data points was similar among treatments and that they did not show strong relationships with the temperature and soil moisture data.

Excluded data accounted for ~30% of the points in each treatment and numbers did not differ between treatments (Table S1). We run regression analyses between the numbers of points excluded for each site treatment combination and the temperature and soil matric potential data (averages over the months of June, July and August) and estimated the goodness of fit (R^2) the relationship (Table S2). Given the results (no differences between the means and low correlations with the environmental variables) we are confident that deleting negative and zero points was not biasing the results of the analysis (differences between treatments along environmental gradients).

Table S1: Summary statistics.

Site	Treatment	Measurements deleted Mean	SD
A	Ambient	42.75	13.92120684
A	N deposition	41.5	15.65460529
B	Ambient	37.875	21.2787061
B	N deposition	33.8125	18.10789423
C	Ambient	43.0625	15.24672096
C	N deposition	41.5625	11.56413277
D	Ambient	45.8125	11.8277569
D	N deposition	33.6875	11.74006672

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Table S2: Goodness of fit from number of points *vs* environmental variable regressions.

Site	Treatment	Goodness of fit, R^2	
		Temperature	Soil matric potential
A	Ambient	0.004	0.003
A	N deposition	0.04	0.004
B	Ambient	0.06	0.07
B	N deposition	0.06	0.11
C	Ambient	0.18	0.17
C	N deposition	0.13	0.09
D	Ambient	0.003	0.007
D	N deposition	0.07	0.0005