The file ‘ExtendedDataFig4\_Table\_S4\_gs\_ring\_means.csv’ contains the following columns:

A: Year

B: DOY: Julian date or day of year

C: block: experimental replicate

D: CO2: CO2 treatment assignment; ambient (385) or elevated (585)

E: Ring: Treatment plot

F: Cond: Midday stomatal conductance (mol m-2 s-1)

The file ‘ExtendedDataFig4\_Table\_S4\_gs\_ANOVA.sas’ runs mixed-model, repeated measures ANOVAs on midday stomatal conductance data for each year, in which block is considered a random effect, CO2, DOY and CO2\*DOY interaction are considered fixed effects, and treatment plot (block\*CO2) is treated as a repeated measure. ANOVA results are presented in table S4, and model-corrected means (lsmeans) are presented in Extended Data Figure 4.