|  |  |
| --- | --- |
| Name | WTC\_Temp&CO2\_CM\_GX-AciFits\_20101202-20110908\_L2.csv |
| Type | PROCESSED |
| Size | 30KB |
| File format | text/plain |
| Description | Context: whole-tree chamber experiment with warming and elevated CO2 treatement (3 replicates per treatment). Data on Eucalyptus globulus from Aci curves measured at 25°C.  Column headings as follows:  Plotsite Unique ID for each Aci-curve  Temp-trt Temperature treatment ambient = non-warmed, elevated = warmed by 3°C  Chamber Chamber number , i.e. here there is one tree per chamber.  Date Date as a string  Curator Name of data holder  Species  Treatment CO2 treatment with 0C for ambient and +C for elevated CO2  Month Month measured (DEC, FEB, AUG)  Vcmax Maximum carboxylation rate in μmol m-2 s-1  Tleaf Leaf temperature (in °C) measured  Rd Residual day respiration from the Farquhar model in umol m-2 s-1  lfN Leaf nitrogen in mg g-1  N/area Area-based leaf nitrogen in g m-2  A390 Photosynthesis rate (in umol m-2 s-1) at CO2 concentration of 390 umol mol- (i.e ambient CO2 conditions)  A630 Photosynthesis rate (in umol m-2 s-1) at CO2 concentration of 630 umol mol-1. (i.e. elevated CO2 conditions)  LMA Leaf mass per area ratio in g m-2  Agrow Photosynthesis rate (in umol m-2 s-1) at growth CO2 concentration g\_grow Stomatal conductance (in mol m-2 s-1) at growth CO2 concentration Jmax Maximum electron transport rate in umol m-2 s-1  Jmax25 Maximum electron transport rate in umol m-2 s-1 at 25 °C  Vcmax25 Maximum carboxylation rate in umol m-2 s-1 at 25 °C  Rd25 Residual day respiration at 25°C from the Farquhar model in umol m-2 s-1 |