Taylor *et al*. supporting information

S5) Plotted species means used for analysis

The mean values plotted by species, month and treatment on the following five pages were calculated from raw data, using R version 3.0.1 (R Core Team, 2013). Mean values based on ≤ 2 replicates were eliminated from the dataset, as were species means that were not paired across treatments in any given month. Error bars, where given, are SEM; where error bars are missing this is because values were calculated from species means, which represent a single value rather than measurements replicated across several plants.

Species codes:

Hc = *Heteropogon contortus* (C_4, Andropogoneae)
Hh = *Hyparrhenia hirta* (C_4, Andropogoneae)
Tt = *Themeda triandra* (C_4, Andropogoneae)

As = *Alloteropsis semialata ss. eckloniana* (C_3, Paniceae)
Pa = *Panicum aequinerve* (C_3, Paniceae)
Pe = *Panicum ecklonii* (C_3, Paniceae)

Ac = *Aristida congesta ss. barbicollis* (C_4, Aristidoideae)
Ad = *Aristida diffusa ss. diffusa* (C_4, Aristidoideae)
Aj = *Aristida junciformis ss. junciformis* (C_4, Aristidoideae)

Kc = *Karoochloa curva* (C_3, Danthonioideae)
Md = *Merxmuellera disticha* (C_3, Danthonioideae)
Pc = *Pentaschistis curvifolia* (C_3, Danthonioideae)

References

R Core Team (2013) R: A language and environment for statistical computing. R Foundation for

Statistical Computing, Vienna, Austria.

net CO$_2$ assimilation (μmol CO$_2$ m^{-2} s^{-1})

stomatal conductance (mol H$_2$O m^{-2} s^{-1})

- ● watered
- ○ rain-fed