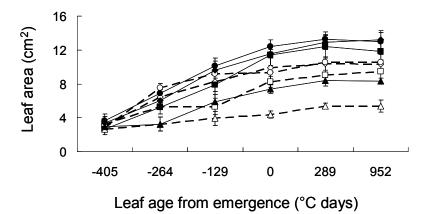
10.1071/FP09284\_AC © CSIRO 2010 Accessory Publication: Functional Plant Biology, 2010, 37(8), 713–725.

## **Accessory Publication**

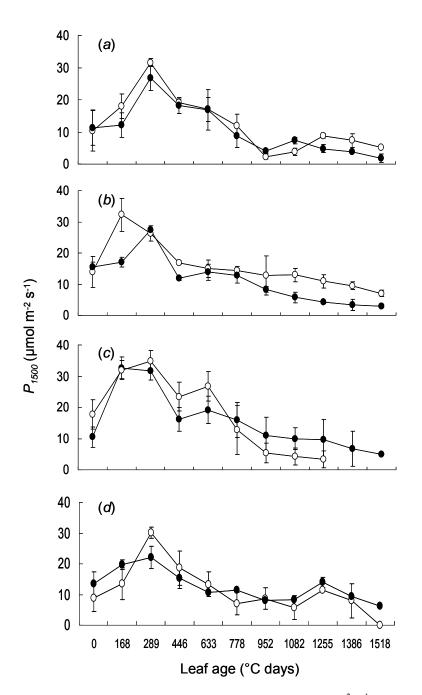
Table S1. Leaf [P] (g m<sup>-2</sup>), total plant P content (mg plant<sup>-1</sup>), specific leaf area (SLA; m<sup>2</sup> kg<sup>-1</sup>) and leaf area index (LAI; m<sup>2</sup> m<sup>-2</sup>) at harvest for *Cullen australasicum* accession SA4966 (Ca1), *C. australasicum* accession SA42762 (Ca2), *C. pallidum* accession SA44387 (Cp) and *Medicago sativa* cv. SARDI-10 (Luc), treated with either 3 mg P kg<sup>-1</sup> dry soil (P3) or 30 mg P kg<sup>-1</sup> dry soil (P30)

Values are means  $\pm$  s.e.; n = 3

	Р3				P30			
Character	Cal	Ca2	Ср	Luc	Cal	Ca2	Ср	Luc
[P] <sub>area</sub>	$0.02\pm0.003$	$0.03\pm0.007$	$0.02\pm0.002$	$0.02\pm0.002$	$0.05\pm0.003$	$0.06\pm0.007$	$0.04\pm0.004$	$0.03\pm0.002$
Total-P	$5.0 \pm 1.1$	$4.6 \pm 2.1$	$3.9 \pm 2.0$	$4.9\pm1.9$	$12.7\pm1.4$	$19.7\pm3.2$	$9.1 \pm 2.5$	$22.5\pm4.7$
SLA	$11.6 \pm 1.0$	$11.2 \pm 1.1$	$13.0\pm0.5$	$21.6\pm2.7$	$10.6 \pm 1.1$	$9.7 \pm 1.0$	$11.7\pm0.7$	$22.9\pm2.2$
LAI	$1.6 \pm 0.1$	$1.5 \pm 0.2$	$0.9 \pm 0.1$	$1.7 \pm 0.3$	$2.2\pm0.2$	$2.3\pm0.2$	$1.4 \pm 0.2$	$2.7\pm0.3$



**Fig. S1.** Leaf area of leaves on the 8th main stem node as dependent on leaf age for *Cullen australasicum* accession SA4966 (diamonds), *C. australasicum* accession SA42762 (circles), *C. pallidum* accession SA44387 (squares) and *Medicago sativa* cv. SARDI-10 (triangles), treated with either 3 mg P kg<sup>-1</sup> dry soil (open symbols with dashed lines) or 30 mg P kg<sup>-1</sup> dry soil (filled symbols with solid lines). Bars represent s.e. of the means, n = 3. Note that the date on which the first photosynthetic measurements were taken is denoted as 0°C day.



**Fig. S2.** Effect of leaf age on leaf photosynthesis at PPFD=1500  $\mu$ mol m<sup>-2</sup> s<sup>-1</sup> (*P*<sub>1500</sub>) for (*a*) *Cullen australasicum* accession SA4966, (*b*) *C. australasicum* accession SA42762, (*c*) *C. pallidum* accession SA4387 and (*d*) *Medicago sativa* cv. SARDI-10, treated with either 3 mg P kg<sup>-1</sup> dry soil (open circles) or 30 mg P kg<sup>-1</sup> dry soil (filled circles). Bars represent s.e. of the means, n = 3.