

Parameter	Trees	Grass
$w_{\text{ph}}$ (mmol CO <sub>2</sub> cm <sup>-3</sup> water)	0.33	0.22
$\gamma_{\text{r},20}$ (mmol CO <sub>2</sub> g <sup>-1</sup> roots day <sup>-1</sup> )	0.5	0.5
$L_{\text{r}}$ (cm roots g <sup>-1</sup> roots)	1500	1500
$D_{\text{r}}$ (cm roots cm <sup>-3</sup> soil)	0.1	0.1
$f_{\text{seas}}$ (fraction of a year)	(see Sect. 2.1.3)	0.7