

Supplementary Material

Tab. S1 - Interannual variations in parameter values of each limiting function. The values of slope between vapor pressure deficit and canopy conductance (m), reference canopy conductance (G_{Cref}), radiation sensitivity on canopy conductance (δ) and optimal temperature (T_{opt}) for each plot are shown.

Plot	Year	m	G_{Cref}	δ	T_{opt}
<i>P1</i>	2012	1.37	1.74	0.49	18.48
	2013	1.51	1.71	0.73	19.25
	2014	1.20	1.80	0.37	18.88
	2015	1.48	1.84	0.54	19.55
<i>P2</i>	2012	1.16	1.53	0.47	18.77
	2013	1.19	1.49	0.61	18.83
	2014	1.18	1.53	0.48	19.68
	2015	1.27	1.59	0.53	18.86
<i>P3</i>	2012	0.92	1.20	0.40	19.23
	2013	0.91	1.16	0.54	20.25
	2014	1.02	1.31	0.50	20.63
	2015	1.14	1.37	0.59	19.75
<i>P4</i>	2012	1.25	1.61	0.50	18.53
	2013	1.56	1.74	0.72	18.80
	2014	1.44	2.08	0.27	18.69
	2015	1.43	1.82	0.50	18.95
<i>P5</i>	2012	1.13	1.40	0.57	20.40
	2013	1.49	1.59	0.64	20.71
	2014	1.57	1.90	0.47	19.66
	2015	1.50	1.98	0.50	20.7
<i>P6</i>	2012	1.18	1.39	0.59	21.07
	2013	1.39	1.43	0.70	22.51
	2014	1.28	1.63	0.28	20.64
	2015	1.38	1.82	0.53	20.13
<i>P7</i>	2012	0.80	1.06	0.51	19.37
	2013	0.95	1.16	0.59	22.13
	2014	0.88	1.34	0.37	21.57
	2015	1.04	1.29	0.54	19.80
<i>P8</i>	2012	0.93	1.14	0.63	19.69
	2013	0.95	1.02	0.71	21.01
	2014	0.75	1.07	0.42	18.36
	2015	0.86	1.13	0.56	20.22

Developing stand transpiration model relating canopy conductance with stand sapwood area in a Korean pine plantation

Fig. S1 - (a) Plot mean sapflux density (J_s) and (b) observed canopy conductance (G_c) for 4 growing season (2012-2015).

