

Tree	$g_{max}/\alpha$ (kPa <sup>-1</sup> )	$D_o$ (kPa)	$\beta$ (unitless)	$\theta_o$ (unitless)	$\gamma$ ((W/m <sup>2</sup> ) <sup>-1</sup> )
<i>Douglas-fir</i>					
5	4.12 (-8.5e-02;+9.0e-02)	0.28 (-7.0e-03;+7.0e-03)	46 (-6.3e-01;+7.7e-01)	0.252 (-3.7e-04;+3.2e-04)	5.54e-04 (-4.1e-06;+4.2e-06)
8	3.90 (-8.0e-02;+6.9e-02)	0.29 (-5.6e-03;+6.4e-03)	49 (-7.3e-01;+6.2e-01)	0.259 (-4.0e-04;+3.1e-04)	4.89e-04 (-4.4e-06;+4.6e-06)
9	3.35 (-5.7e-02;+6.1e-02)	0.34 (-6.9e-03;+6.6e-03)	40 (-5.4e-01;+6.1e-01)	0.255 (-3.6e-04;+4.3e-04)	5.32e-04 (-4.4e-06;+4.2e-06)
12	4.10 (-1.3e-01;+1.4e-01)	0.26 (-9.0e-03;+9.5e-03)	54 (-1.2e+00;+1.3e+00)	0.253 (-4.2e-04;+5.0e-04)	6.00e-04 (-5.6e-06;+4.9e-06)
15	6.75 (-1.6e-01;+1.5e-01)	0.15 (-3.4e-03;+4.0e-03)	20 (-3.6e-01;+4.3e-01)	0.250 (-6.9e-04;+5.6e-04)	4.57e-04 (-4.7e-06;+5.1e-06)
21	4.42 (-1.2e-01;+1.5e-01)	0.22 (-8.0e-03;+6.7e-03)	44 (-8.3e-01;+9.9e-01)	0.247 (-4.2e-04;+4.7e-04)	5.40e-04 (-6.4e-06;+6.8e-06)
22	3.82 (-1.3e-01;+1.3e-01)	0.25 (-1.1e-02;+1.0e-02)	15 (-3.7e-01;+2.9e-01)	0.339 (-1.8e-03;+1.8e-03)	5.78e-04 (-8.9e-06;+7.9e-06)
23	1.76 (-4.8e-02;+3.9e-02)	0.59 (-1.7e-02;+2.0e-02)	83 (-1.4e+01;+1.8e+01)	0.190 (-6.1e-03;+4.9e-03)	8.07e-04 (-5.5e-06;+5.8e-06)
25	4.18 (-9.5e-02;+8.2e-02)	0.25 (-5.6e-03;+6.6e-03)	31 (-6.4e-01;+6.0e-01)	0.234 (-5.8e-04;+5.4e-04)	5.74e-04 (-3.8e-06;+3.7e-06)
avg <sup>1</sup>	7.23 (-6.1e-02;+5.3e-02)	0.14 (-1.2e-03;+1.3e-03)	30 (-3.6e-01;+2.9e-01)	0.263 (-2.4e-04;+2.7e-04)	5.44e-04 (-1.7e-06;+1.8e-06)
<i>Pacific madrone</i>					
11	0.87 (-1.4e-02;+1.3e-02)	1.45 (-3.9e-02;+3.9e-02)	29 (-2.4e+00;+3.5e+00)	0.152 (-7.9e-03;+8.5e-03)	6.43e-04 (-8.4e-06;+7.4e-06)
16	1.44 (-2.1e-02;+1.9e-02)	0.82 (-1.3e-02;+1.6e-02)	249 (-7.3e+01;+1.4e+02)	0.203 (-3.7e-03;+2.4e-03)	7.99e-04 (-4.2e-06;+3.5e-06)
19	1.44 (-2.0e-02;+1.8e-02)	0.87 (-1.6e-02;+1.8e-02)	49 (-2.9e+00;+3.3e+00)	0.187 (-2.7e-03;+2.6e-03)	7.15e-04 (-4.6e-06;+4.2e-06)
24	1.35 (-2.3e-02;+2.2e-02)	0.85 (-2.0e-02;+1.7e-02)	94 (-9.5e+00;+7.3e+00)	0.199 (-2.4e-03;+1.6e-03)	8.25e-04 (-4.5e-06;+4.9e-06)
avg <sup>1</sup>	1.02 (-4.5e-03;+4.5e-03)	1.23 (-9.7e-03;+9.2e-03)	42 (-1.3e+00;+1.4e+00)	0.173 (-1.8e-03;+2.1e-03)	7.20e-04 (-1.6e-06;+1.7e-06)
<i>live oak</i>					
3	0.92 (-2.1e-02;+2.0e-02)	1.50 (-6.5e-02;+6.8e-02)	66 (-2.7e+00;+2.6e+00)	0.233 (-4.9e-04;+5.8e-04)	7.25e-04 (-1.4e-05;+1.4e-05)
4	1.42 (-1.9e-02;+3.0e-02)	0.87 (-2.8e-02;+1.8e-02)	29 (-6.8e-01;+5.4e-01)	0.255 (-6.7e-04;+8.0e-04)	7.40e-04 (-8.4e-06;+7.4e-06)
6	1.36 (-2.0e-02;+2.3e-02)	0.88 (-2.2e-02;+1.9e-02)	50 (-1.6e+00;+1.5e+00)	0.223 (-5.7e-04;+6.5e-04)	6.74e-04 (-7.8e-06;+9.0e-06)
7	1.52 (-2.4e-02;+2.4e-02)	0.78 (-1.6e-02;+1.9e-02)	40 (-1.4e+00;+1.4e+00)	0.210 (-1.2e-03;+7.8e-04)	6.88e-04 (-5.5e-06;+6.5e-06)
10	1.68 (-2.2e-02;+2.6e-02)	0.78 (-1.6e-02;+1.4e-02)	52 (-1.4e+00;+1.5e+00)	0.222 (-5.0e-04;+4.5e-04)	5.26e-04 (-6.2e-06;+6.4e-06)
17	2.86 (-4.3e-02;+6.1e-02)	0.43 (-1.1e-02;+8.4e-03)	20 (-6.6e-01;+6.5e-01)	0.208 (-1.5e-03;+1.4e-03)	7.88e-04 (-4.6e-06;+4.3e-06)
26	1.81 (-5.2e-02;+4.9e-02)	0.68 (-2.3e-02;+2.5e-02)	66 (-5.0e+00;+4.9e+00)	0.222 (-2.0e-03;+1.5e-03)	7.70e-04 (-7.2e-06;+5.6e-06)
avg <sup>1</sup>	1.57 (-9.6e-03;+7.4e-03)	0.81 (-5.8e-03;+7.8e-03)	28 (-4.3e-01;+4.0e-01)	0.208 (-6.0e-04;+5.4e-04)	8.25e-04 (-1.2e-06;+1.1e-06)
<i>bay</i>					
1	0.75 (-1.7e-02;+1.7e-02)	1.82 (-7.5e-02;+9.0e-02)	26 (-1.6e+00;+1.6e+00)	0.199 (-2.6e-03;+2.5e-03)	7.66e-04 (-1.3e-05;+1.4e-05)
2	1.19 (-2.2e-02;+2.1e-02)	1.18 (-3.1e-02;+3.5e-02)	20 (-6.0e-01;+7.9e-01)	0.234 (-1.3e-03;+1.3e-03)	7.80e-04 (-9.2e-06;+1.0e-05)
13	1.09 (-1.9e-02;+1.5e-02)	1.10 (-2.5e-02;+2.8e-02)	20 (-4.8e-01;+4.8e-01)	0.216 (-1.5e-03;+1.0e-03)	6.07e-04 (-7.9e-06;+6.7e-06)
14	1.49 (-2.4e-02;+2.8e-02)	0.81 (-2.0e-02;+2.0e-02)	43 (-8.1e-01;+8.5e-01)	0.259 (-5.1e-04;+5.0e-04)	6.13e-04 (-7.8e-06;+8.7e-06)
18	1.52 (-2.4e-02;+2.4e-02)	0.80 (-1.5e-02;+1.8e-02)	32 (-1.2e+00;+1.2e+00)	0.201 (-1.4e-03;+1.6e-03)	7.21e-04 (-4.9e-06;+4.8e-06)
avg <sup>1</sup>	1.16 (-6.2e-03;+7.2e-03)	1.04 (-9.0e-03;+9.2e-03)	87 (-1.5e+00;+2.0e+00)	0.218 (-3.0e-04;+3.8e-04)	7.46e-04 (-1.8e-06;+2.2e-06)
<i>tanoak</i>					
20	0.95 (-1.4e-02;+1.4e-02)	1.55 (-4.3e-02;+4.7e-02)	35 (-6.6e-01;+7.9e-01)	0.250 (-6.5e-04;+5.1e-04)	8.45e-04 (-6.0e-06;+6.3e-06)

<sup>1</sup>"avg" refers to parameters estimated from species-averaged time series.