

Ecosystem type		k_{CO} ($\mu\text{l CO l}^{-1}$)	V_{\max} ($\mu\text{g CO g}^{-1} \text{h}^{-1}$)	T_{ref} ($^{\circ}\text{C}$)	Q_{10} (Unitless)	M_{\min} (v v^{-1})	M_{\max} (v v^{-1})	M_{opt} (v v^{-1})	E_{SOC}	F_{SOC} (g g^{-1})	$\frac{E_{a,\text{ref}}}{R}$ (K)	PM_{ref} (v v^{-1})	PT_{ref} ($^{\circ}\text{C}$)
1	Alpine tundra and polar desert	36.00	0.78	4.00	1.80	0.10	1.00	0.55	3.00	0.33	7700	0.25	30.00
2	Wet tundra	36.00	0.70	4.00	1.80	0.25	1.00	0.55	3.00	0.42	7700	0.25	30.00
3	Boreal forest	27.34	1.18	9.81	1.60	0.15	0.64	0.53	2.98	0.50	8827	0.35	26.99
4	Temperate coniferous forest	42.64	2.15	6.90	1.87	0.02	0.96	0.53	2.86	0.50	8404	0.38	31.52
5	Temperate deciduous forest	40.16	2.43	8.54	1.51	0.17	0.81	0.51	2.45	0.50	8801	0.35	37.44
6	Grassland	42.41	0.49	11.27	1.65	0.16	0.82	0.51	3.09	0.42	14165	0.24	12.29
7	Xeric shrublands	8.00	0.30	4.00	1.50	0.10	1.00	0.55	3.00	0.33	7700	0.25	30.00
8	Tropical forest	45.00	2.00	4.00	1.50	0.10	1.00	0.55	3.80	0.50	14000	0.50	18.00
9	Xeric woodland	8.00	0.30	4.00	1.50	0.10	1.00	0.55	3.00	0.50	7700	0.25	30.00
10	Temperate evergreen broadleaf forest	40.16	2.43	8.54	1.51	0.17	0.81	0.51	2.45	0.50	8801	0.35	37.44
11	Mediterranean shrubland	45.00	1.50	4.00	1.50	0.10	1.00	0.55	3.00	0.33	7700	0.25	30.00
*	Largest potential value	51.00	11.1	15.00	2.00	0.30	1.00	0.60	3.80	–	15 000	0.60	40.00