

PFT	$T_{soil_v}^{min}; T_{soil_v}^{max}$ (°C)	$LAI_v^{min}; LAI_v^{max}$	h (m)	c_v (m^{-1})	r_{sv} ($s.m^{-1}$)
Bare soil	0;20	0;0	0	0	0
Tropical broad-leaved evergreen	0;20	8.0;8.0	30	0.8	25
Tropical broad-leaved raingreen	0;20	0;8.0	30	0.8	25
Temperate needleleaf evergreen	0;20	4.0;4.0	20	1.0	25
Temperate broad-leaved evergreen	0;20	4.5;4.5	20	0.8	25
Temperate broad-leaved summergreen	0;20	0;4.5	20	0.8	25
Boreal needleleaf evergreen	0;20	4.0;4.0	15	1.0	25
Boreal broad-leaved summergreen	0;20	0;4.5	15	1.0	25
Boreal needleleaf summergreen	0;20	0;4.0	15	0.8	25
C3 grassland	0;20	0;2.0	0.5	4.0	2.5
C4 grassland	0;20	0;2.0	0.6	4.0	2.0
C3 crops	0;20	0;2.0	1.0	4.0	2.0
C4 crops	0;20	0;2.0	1.0	4.0	2.0

Table 1s. Prescribed default parameters for each PFT in SECHIBA: minimal ($T_{soil_v}^{min}$) and maximal ($T_{soil_v}^{max}$) values (both in °C) of soil temperature at 50cm depth during the year, minimal (LAI_v^{min}) and maximal (LAI_v^{max}) values of LAI, canopy height (m), parameter of root profile (c_v in m^{-1}) and structural (or architectural) resistance (r_{sv} in $s.m^{-1}$).