	params	values	notes
1	Activity_Parameters	6.610000e+00	Activity: Terrestrial Warming Tolerance Intercept
2	Activity_Parameters	1.600000e+00	Activity: Terrestrial Warming Tolerance Slope
3	Activity_Parameters	1.510000e+00	Activity: Terrestrial TSM Intercept
4	Activity_Parameters	1.530000e+00	Activity: Terrestrial TSM Slope
5	Dispersal_Parameters	2.780000e−02	Diffusive Dispersal: Speed Body Mass Scalar
6	Dispersal_Parameters	4.800000e−01	Diffusive Dispersal: Speed Body Mass Exponent
7	Dispersal_Parameters	5.000000e+04	Responsive Dispersal: Density Threshold Scaling
8	Dispersal_Parameters	2.780000e−02	Responsive Dispersal: Speed Body Mass Scalar
9	Dispersal_Parameters	4.800000e−01	Responsive Dispersal: Speed Body Mass Exponent
10	Dispersal_Parameters	8.000000e−01	Responsive Dispersal: Starvation Dispersal Body Mass Threshold
11	EatingCarnivory_Parameters	5.000000e−01	Eating Carnivory: Handling Time Scalar Terrestrial
12	EatingCarnivory_Parameters	7.000000e−01	Eating Carnivory: Handling Time Exponent Terrestrial
13	EatingCarnivory_Parameters	5.000000e−01	Eating Carnivory: Handling Time Scalar Marine (not applicable to current version)
14	EatingCarnivory_Parameters	7.000000e−01	Eating Carnivory: Handling Time Exponent Marine (not applicable to current version)
15	EatingCarnivory_Parameters	1.000000e+00	Eating Carnivory: Referenc eMass
16	EatingCarnivory_Parameters	6.000000e−06	Eating Carnivory: Kill Rate Constant
17	EatingCarnivory_Parameters	1.000000e+00	Eating Carnivory: Kill Rate Constant Mass Exponent
18	EatingCarnivory_Parameters	7.000000e−01	Eating Carnivory: Feeding Preference Standard Deviation
19	EatingOmnivory_Parameters	1.000000e−01	Eating Omnivory: Max Allowed Prey Ratio Omnivores
20	EatingHerbivory_Parameters	7.000000e−01	Eating Herbivory: Handling Time Scalar Terrestrial
21	EatingHerbivory_Parameters	7.000000e−01	Eating Herbivory: Handling Time Scalar Marine (not applicable to current version)
22	EatingHerbivory_Parameters	7.000000e−01	Eating Herbivory: Handling Time Exponent Terrestrial
23	EatingHerbivory_Parameters	7.000000e−01	Eating Herbivory: Handling Time Exponent Marine (not applicable to current version)
24	EatingHerbivory_Parameters	1.000000e+00	Eating Herbivory: Reference Mass
25	EatingHerbivory_Parameters	1.000000e−11	Eating Herbivory: Herbivory Rate Constant
26	EatingHerbivory_Parameters	1.000000e+00	Eating Herbivory: Herbivory Rate Mass Exponent
27	EatingHerbivory_Parameters	2.100000e+00	Eating Herbivory: Attack Rate Exponent Terrestrial
28	EatingHerbivory_Parameters	1.000000e−01	Eating Herbivory: Fraction Edible Stock Mass
29	MetabolismEctotherm_Parameters	8.800000e−01	Metabolism Ectotherm: Metabolism Mass Exponent
30	MetabolismEctotherm_Parameters	1.489840e+11	Metabolism Ectotherm: Normalization Constant
31	MetabolismEctotherm_Parameters	6.900000e−01	Metabolism Ectotherm: Activation Energy
32	MetabolismEctotherm_Parameters	8.617000e−05	Metabolism Ectotherm: Boltzmann Constant
33	MetabolismEctotherm_Parameters	4.191827e+10	Metabolism Ectotherm: Normalization Constant BMR
34	MetabolismEctotherm_Parameters	6.900000e−01	Metabolism Ectotherm: Basal Metabolism Mass Exponent
35	MetabolismEctotherm_Parameters	3.669725e−02	Metabolism Ectotherm: Energy Scalar
36	MetabolismEndotherm_Parameters	7.000000e−01	Metabolism Endotherm: Metabolism Mass Exponent
37	MetabolismEndotherm_Parameters	9.080908e+11	Metabolism Endotherm: Normalization Constant
38	MetabolismEndotherm_Parameters	6.900000e−01	Metabolism Endotherm: Activation Energy
39	MetabolismEndotherm_Parameters	8.617000e−05	Metabolism Endotherm: Boltzmann Constant
40	MetabolismEndotherm_Parameters	3.669720e−02	Metabolism Endotherm: Energy Scalar
41	MetabolismEndotherm_Parameters	3.700000e+01	Metabolism Endotherm: Endotherm Body Temperature
42	MetabolismHeterotroph_Parameters	7.100000e−01	Metabolism Heterotroph: Metabolism Mass Exponent
43	MetabolismHeterotroph_Parameters	6.900000e−01	Metabolism Heterotroph: Activation Energy
44	MetabolismHeterotroph_Parameters	8.617000e−05	Metabolism Heterotroph: Boltzmann Constant
45	Mortality_Parameters	1.000000e−03	Mortality Background: Mortailty Rate
46	Mortality_Parameters	3.000000e−03	Mortality Senescence: Mortality Rate
47	Mortality_Parameters	6.000000e−01	Mortality Starvation: Logistic Inflection Point
48	Mortality_Parameters	5.000000e−02	Mortality Starvation: Logistic Scaling Parameter
49	Mortality_Parameters	1.000000e+00	Mortality Starvation: Maximum Starvation Rate
50	Reproduction_Parameters	1.500000e+00	Reproduction: Mass Ratio Threshold
51	Reproduction_Parameters	2.500000e−01	Reproduction: Mass Evolution Probability Threshold
52	Reproduction_Parameters	5.000000e−02	Reproduction: Mass Evolution Standard Deviation
53	Reproduction_Parameters	5.000000e−01	Reproduction: Semelparity Adult Mass Allocation
54	VegetationModel_Parameters	9.616447e−01	Terrestrial Carbon: Calculate Miami NPP, Max NPP
55	VegetationModel_Parameters	2.374682e−01	Terrestrial Carbon: Calculate Miami NPP, T1NPP
56	VegetationModel_Parameters	1.005971e−01	Terrestrial Carbon: Calculate Miami NPP, T2NPP
57	VegetationModel_Parameters	1.184101e−03	Terrestrial Carbon: Calculate Miami NPP, PNPP
58	VegetationModel_Parameters	7.154615e+00	Terrestrial Carbon: Fraction Structure Scalar
59	VegetationModel_Parameters	1.270782e+00	Terrestrial Carbon: Calculate Fraction Evergreen A
60	VegetationModel_Parameters	−1.828592e+00	Terrestrial Carbon: Calculate Fraction Evergreen B
61	VegetationModel_Parameters	8.448641e−01	Terrestrial Carbon: Calculate Fraction Evergreen C
62	VegetationModel_Parameters	4.027394e−02	Terrestrial Carbon: Evergreen Annual Leaf Mortality Slope
63	VegetationModel_Parameters	1.013070e+00	Terrestrial Carbon: Evergreen Annual Leaf Mortality Intercept
64	VegetationModel_Parameters	2.057596e−02	Terrestrial Carbon: Deciduous Annual Leaf Mortality Slope
65	VegetationModel_Parameters	−1.195235e+00	Terrestrial Carbon: Deciduous Annual Leaf Mortality Intercept
66	VegetationModel_Parameters	4.309283e−02	Terrestrial Carbon: Fine Root Mortality Rate Slope
67	VegetationModel_Parameters	−1.478393e+00	Terrestrial Carbon: Fine Root Mortality Rate Intercept
68	VegetationModel_Parameters	1.394628e−01	Terrestrial Carbon: Structural Mortality P2
69	VegetationModel_Parameters	−4.395910e+00	Terrestrial Carbon: Structural Mortality P1
70	VegetationModel_Parameters	3.627426e−01	Terrestrial Carbon: Leaf Carbon Fixation, MaxFracStruct
71	VegetationModel_Parameters	3.881251e−01	Terrestrial Carbon: Half Saturation Fire Mortality Rate
72	VegetationModel_Parameters	1.998394e+01	Terrestrial Carbon: Scalar Fire Mortality Rate
73	VegetationModel_Parameters	1.148699e+00	Terrestrial Carbon: NPP Half Saturation Fire Mortality Rate
74	VegetationModel_Parameters	8.419032e+00	Terrestrial Carbon: NPP Scalar Fire Mortality Rate
75	VegetationModel_Parameters	1.000000e−02	Terrestrial Carbon: Min Evergreen Annual Leaf Mortality
76	VegetationModel_Parameters	2.400000e+01	Terrestrial Carbon: Max Evergreen Annual Leaf Mortality
77	VegetationModel_Parameters	1.000000e−02	Terrestrial Carbon: Min Deciduous Annual Leaf Mortality
78	VegetationModel_Parameters	2.400000e+01	Terrestrial Carbon: Max Deciduous Annual Leaf Mortality
79	VegetationModel_Parameters	1.000000e−02	Terrestrial Carbon: Min Fine Root Mortality Rate
80	VegetationModel_Parameters	1.200000e+01	Terrestrial Carbon: Max Fine Root Mortality Rate
81	VegetationModel_Parameters	1.000000e+00	Terrestrial Carbon: Max Structural Mortality
82	VegetationModel_Parameters	1.000000e−03	Terrestrial Carbon: Min Structural Mortality
83	VegetationModel_Parameters	2.000000e+00	Terrestrial Carbon: Base Scalar Fire
84	VegetationModel_Parameters	2.260329e−06	Terrestrial Carbon: Min Return Interval
85	VegetationModel_Parameters	4.760000e−01	Terrestrial Carbon: Mass Carbon Per Mass Leaf Dry Matter
86	VegetationModel_Parameters	1.000000e+00	Terrestrial Carbon: Apply human appropriation of NPP (fraction of growth reduced)