|                              | Global<br>Ranking | Biome Ranking        |                                     |                          |                           |                        |                                |                    |               |        |           |
|------------------------------|-------------------|----------------------|-------------------------------------|--------------------------|---------------------------|------------------------|--------------------------------|--------------------|---------------|--------|-----------|
| Parameters                   |                   | Tropical rain forest | Tropical seasonal<br>forest/savanna | Temperate rain<br>forest | Temperate seasonal forest | Woodland/<br>shrubland | Temperate grassland/<br>desert | Subtropical desert | Boreal forest | Tundra | lce sheet |
| fff                          | 1                 | -                    | 1                                   | -                        | -                         | 1                      | -                              | 4                  | -             | -      | -         |
| zetamaxstable                | 2                 | -                    | -                                   | -                        | -                         |                        | 4                              | -                  | 1             | 1      | 1         |
| jmaxb0                       | 3                 | -                    | -                                   | 5                        | 3                         | -                      | -                              | 5                  | 3             | 4      | -         |
| kmax                         | 4                 | 1                    | 2                                   | -                        | 2                         | -                      | -                              | -                  | 5             | -      | -         |
| leafcn                       | 5                 | -                    | -                                   | -                        | 5                         | -                      | -                              | -                  | -             | -      | -         |
| jmaxb1                       | -                 | -                    | -                                   | 2                        | 1                         | 2                      | -                              | -                  | 2             | -      | -         |
| tpu25ratio                   | -                 | -                    | -                                   | 1                        | 4                         | 4                      | -                              | -                  | 4             | -      | -         |
| zsno                         | -                 | -                    | -                                   | -                        | -                         | -                      | 1                              | -                  | -             | 2      | 2         |
| clay pf                      | -                 | -                    | -                                   | -                        | -                         | -                      | 3                              | 2                  | -             | -      | -         |
| leaf long                    | -                 | 4                    | 5                                   | -                        | -                         | -                      |                                |                    | -             | -      | -         |
| maximum_leaf_wetted_fraction | -                 | 2                    | -                                   | 3                        | -                         | -                      |                                |                    | -             | -      | -         |
| sand_pf                      | -                 | -                    | -                                   | -                        | -                         | -                      | 2                              | 3                  | -             | -      | -         |
| d_max                        | -                 | -                    | -                                   | -                        | -                         | -                      | 5                              | -                  | -             | -      | -         |
| frac_sat_soil_dsl_init       | -                 | -                    | 3                                   | -                        | -                         | -                      | -                              | -                  | -             | -      | -         |
| FUN_fracfixers               | -                 | -                    | -                                   | -                        | -                         | 3                      | -                              | -                  | -             | -      | -         |
| krmax                        | -                 | -                    | 4                                   | -                        | -                         | -                      | -                              | -                  | -             | -      | -         |
| liq canopy storage scalar    | -                 | 3                    | -                                   | -                        | -                         | -                      | -                              | -                  | -             | -      | -         |
| lmrha                        | -                 | -                    | -                                   | -                        | -                         | 5                      | -                              | -                  | -             | -      | -         |
| medlynintercept              | -                 | -                    | -                                   | -                        | -                         | -                      | -                              | -                  | -             | 5      | -         |
| medlynslope                  | -                 | -                    | -                                   | -                        | -                         | -                      | -                              | -                  | -             | 3      | -         |
| psi50                        | -                 | 5                    | -                                   | -                        | -                         | -                      | -                              | -                  | -             | -      | -         |
| snw_rds_refrz                | -                 | -                    | -                                   | -                        | -                         | -                      | -                              | -                  | -             | -      | 4         |
| tpuha                        | -                 | -                    | -                                   | 4                        | -                         | -                      | -                              | -                  | -             | -      | -         |
| upplim_destruct_metamorph    | -                 | -                    | -                                   | -                        | -                         | -                      | -                              | -                  | -             | -      | 5         |
| xdrdt                        | -                 | -                    | •                                   | -                        | -                         | -                      | -                              | -                  | -             | -      | 3         |
| zlnd                         | -                 | -                    | -                                   | -                        | -                         | -                      | -                              | 1                  | -             | -      | -         |