

Variable name	Definition
Demographic: Life History Trait	
Net Reproductive Rate	The mean number of recruits produced during the mean life expectancy of an individual in the population.
Per Capita Reproduction	The number of offspring produced per individual.
Generation Time	Number of years necessary for the individuals of a population to be replaced by new ones.
Age At First Reproduction	Age at which an individual experiences the first reproductive event.
Mean Life Expectancy	The average life span of an individual in a population.
Maximum Length of Life	The longest expected lifespan of an individual in a population.
Demographic: Emergent property	
Population Growth Rate	The asymptotic growth rate of the population.
Demographic: Transient Metric	
Reactivity	The maximum population growth achieved by a given population in a single timestep, relative to stable growth rate. A measure of the initial population recovery following a disturbance event when the population is still within a transient period.
First Step Attenuation	The population decline achieved by a given population structure in a single timestep, relative to stable growth rate. A measure of the initial population decline following a disturbance event when the population is still within a transient period.
Community Context	
Species richness	The number of species recorded in a DRAGNet plot.
Inverse Simpson's diversity index	A measure of species diversity in a DRAGNet plot which incorporates species richness and evenness.
Total cover	The cumulative (total) cover value of each of the surveyed plots.
Species provenance	Whether a species is found in its native range
Functional diversity	The level of functional strategy diversity of the DRAGNet site.
Functional specialisation	The level of functional strategy specialisation of the DRAGNet site