

Process	(symbol)	Neutral	Environment x Trait	Trait x Trait
birth	(b)	equals fitness	equals fitness	positive function of fitness and negative function of competition
death	(d)	constant	constant	constant
immigration	(ν)	constant	positive function of potential fitness in colonizing environment	negative function of potential competition in colonizing community
fitness	(r)	constant	positive function of environmental suitability of trait	constant
competition	(a_{ij})	0	0	positive function of trait-overlap
speciation	(λ)	constant	positive function of environmental suitability of incipient trait	negative function of trait-overlap of incipient species
mutation	(μ)	constant	constant	constant
trait evolution	(σ, θ)	Brownian	Ornstein-Uhlenbeck	Ornstein-Uhlenbeck or Brownian