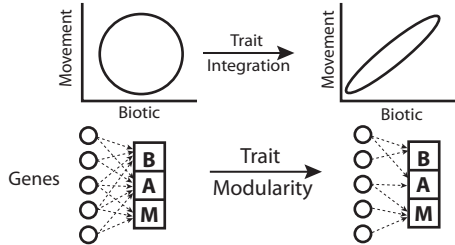
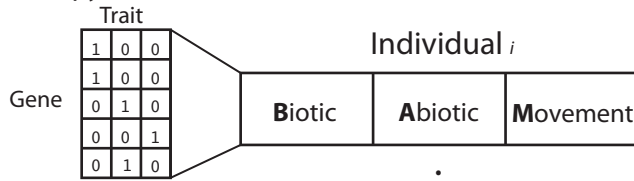


Trait architecture [Integration; Modularity]



Pleiotropy matrix



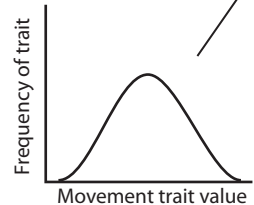
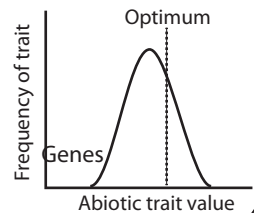
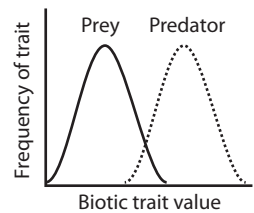
Epistasis matrix



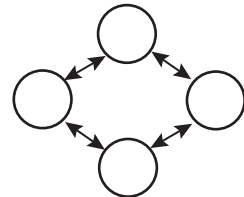
Expression vector



Selection
[Trait matching; Frequency dependent]

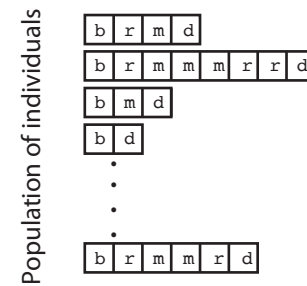


i) Compute fitness at each site



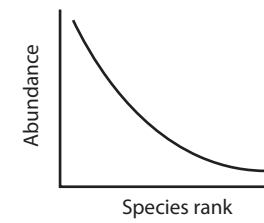
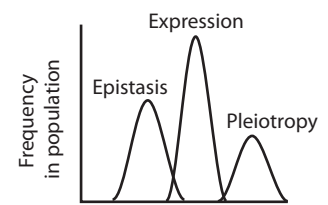
ii) Simulate individual lifespans (Gillespie algorithm)

Birth (b); Move (m); Reproduce (r); Death (d)



iii) Calculate population size at each site

Track biodiversity dynamics



Species interactions network

