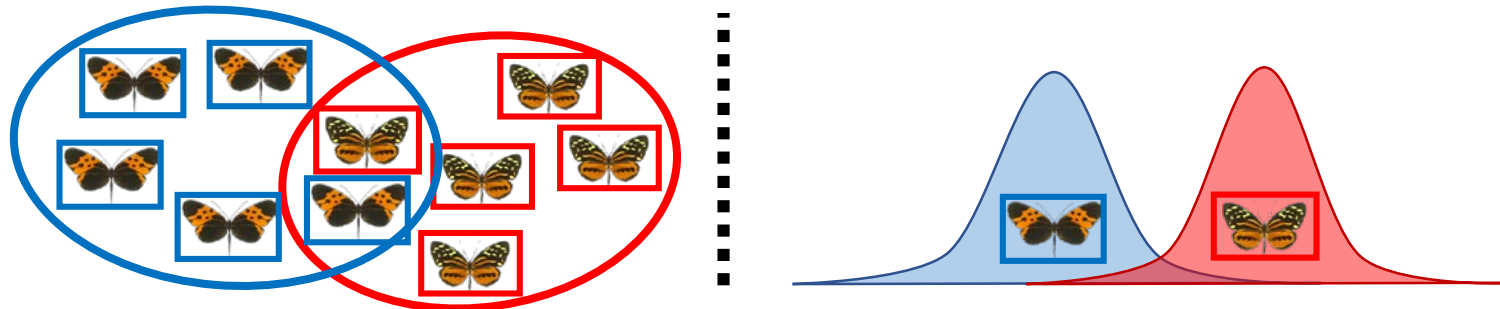


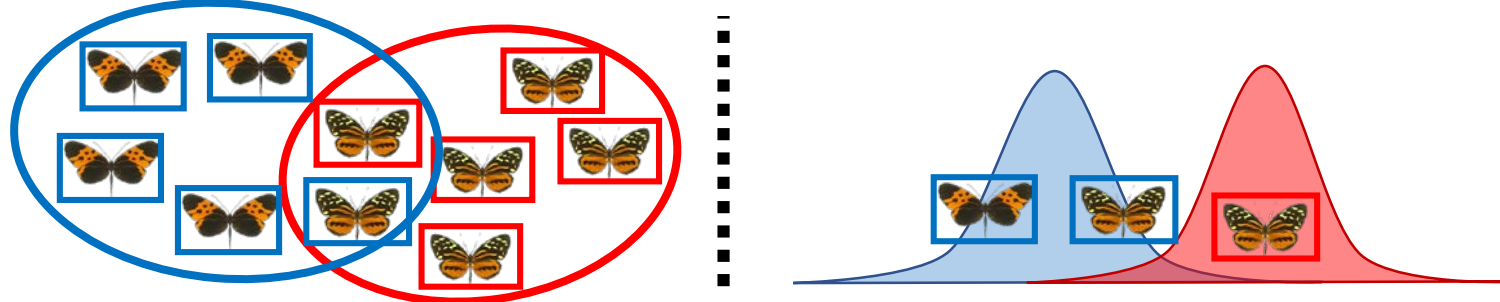
(A) Extinction Scenario

GEOGRAPHIC SPACE ENVIRONMENTAL SPACE

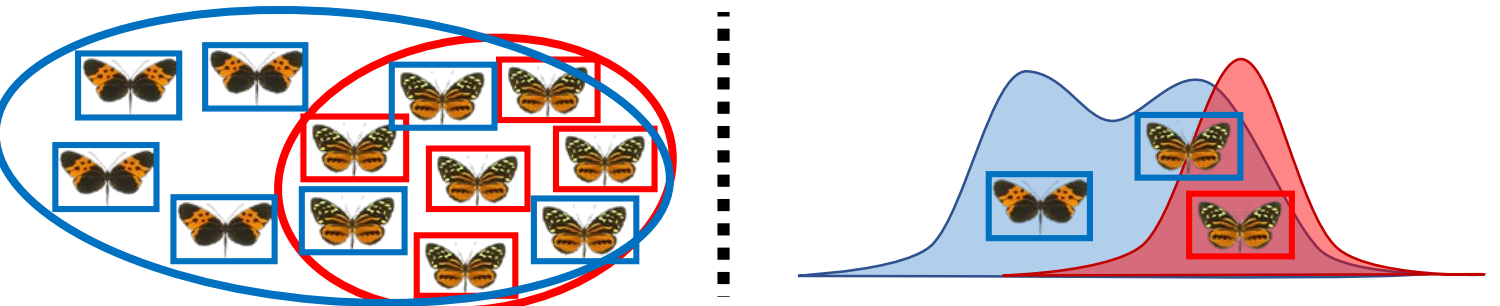
Step 1:
Initial partial overlap



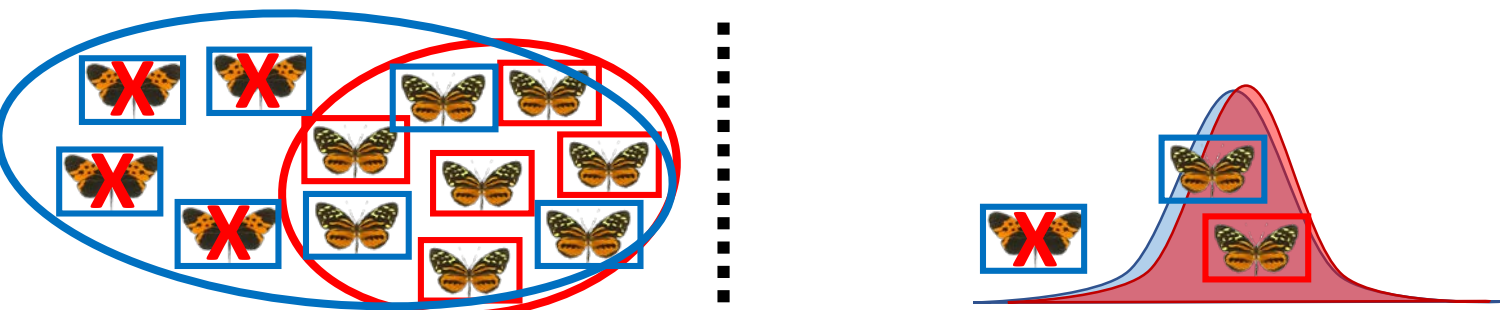
Step 2:
Pattern convergence



Step 3:
Niche expansion



Step 4a:
Niche thinning



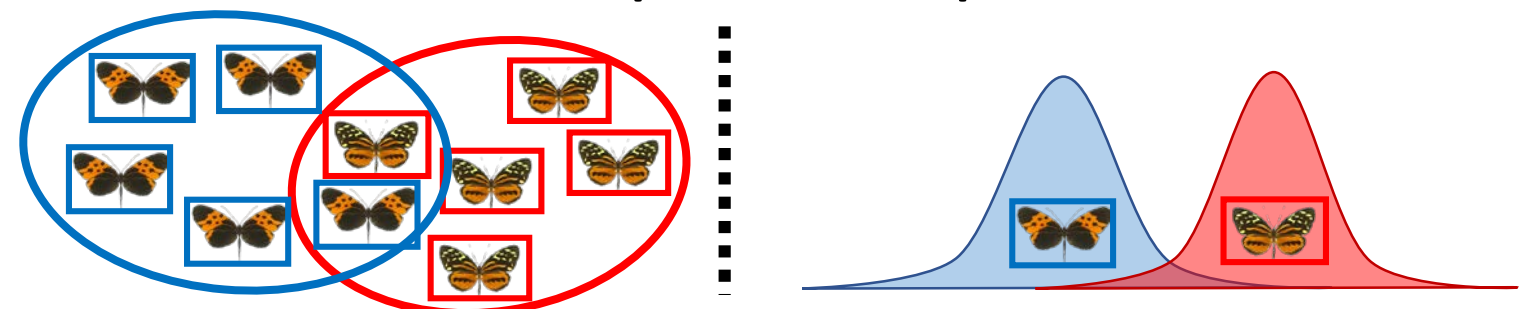
Step 5a:
Final overlap



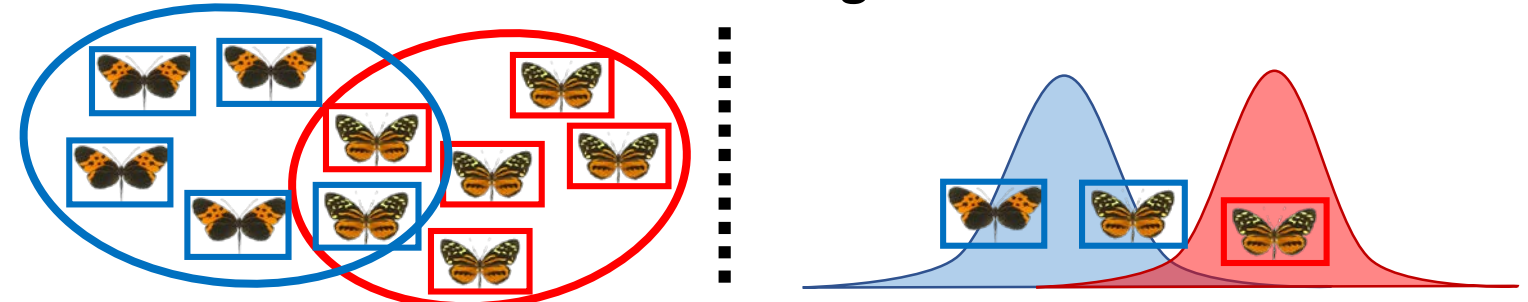
(B) Speciation Scenario

GEOGRAPHIC SPACE ENVIRONMENTAL SPACE

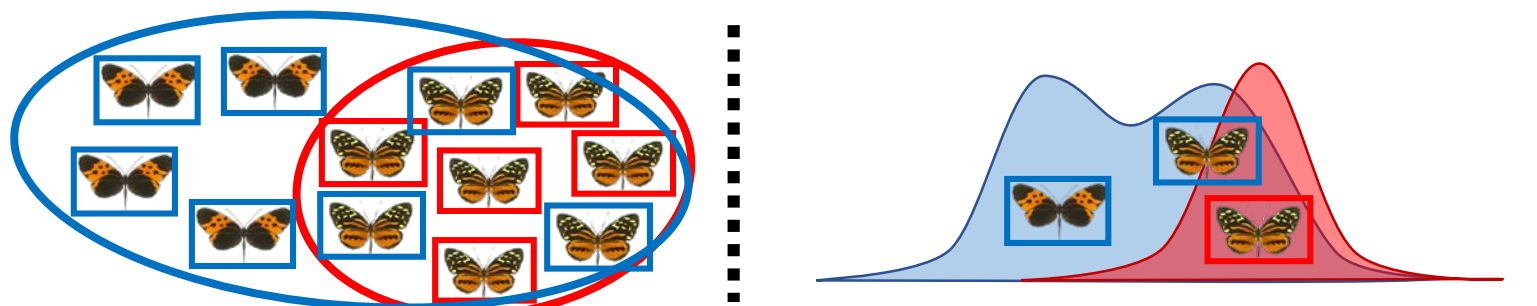
Step 1:
Initial partial overlap



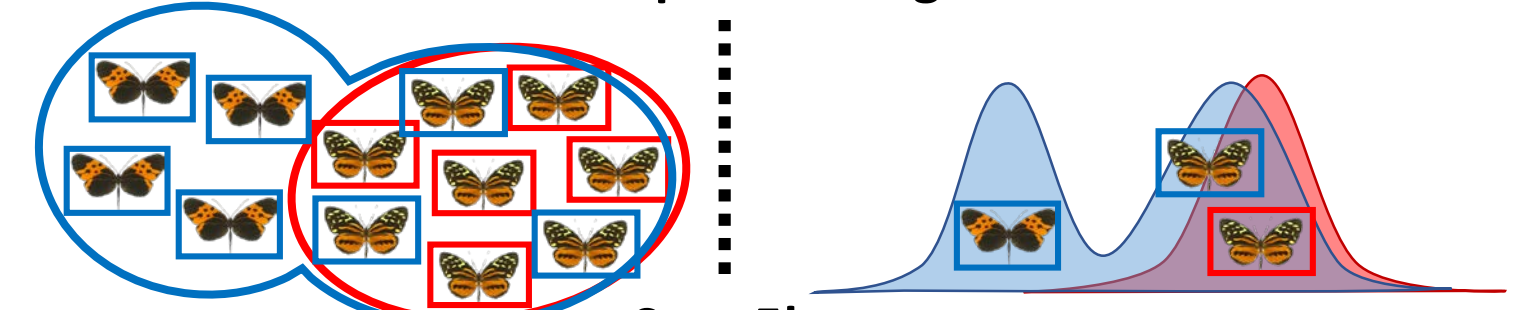
Step 2:
Pattern convergence



Step 3:
Niche expansion



Step 4b:
Niche partitioning



Step 5b:
Speciation
Final overlap

