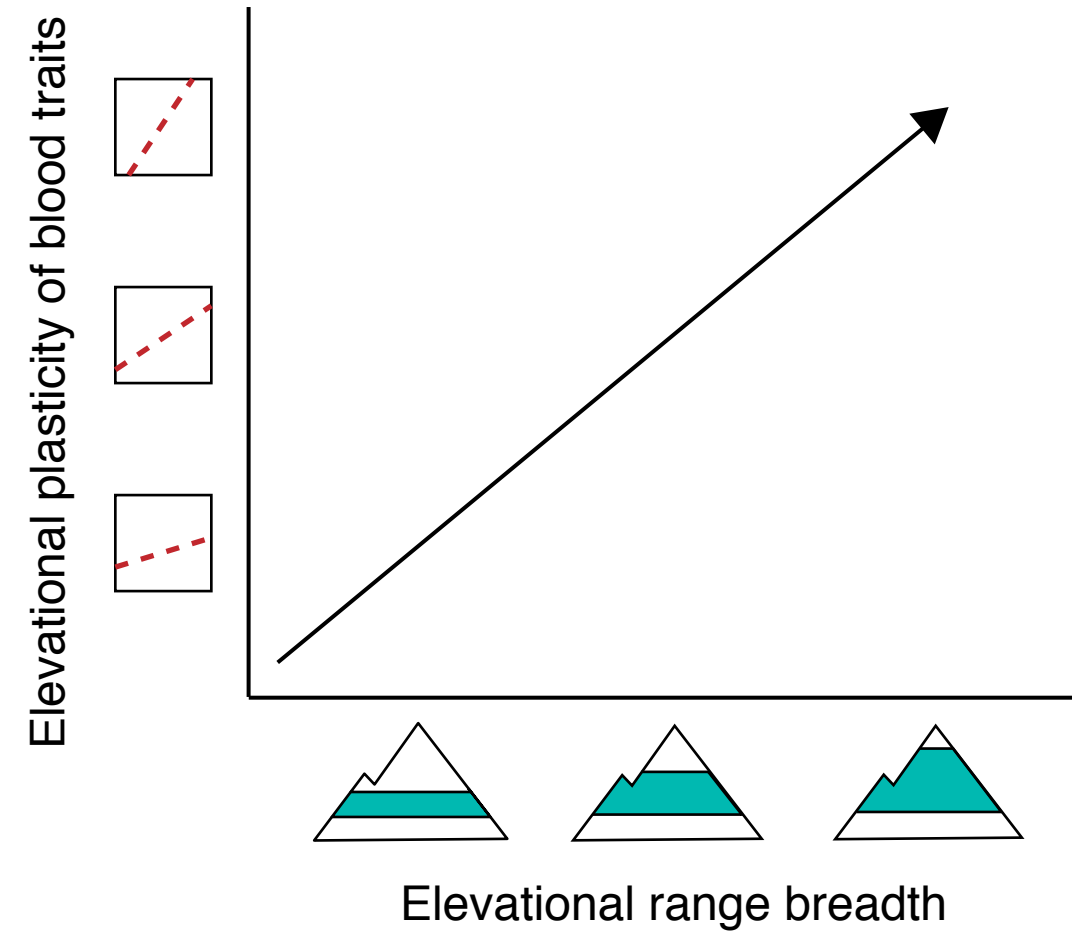
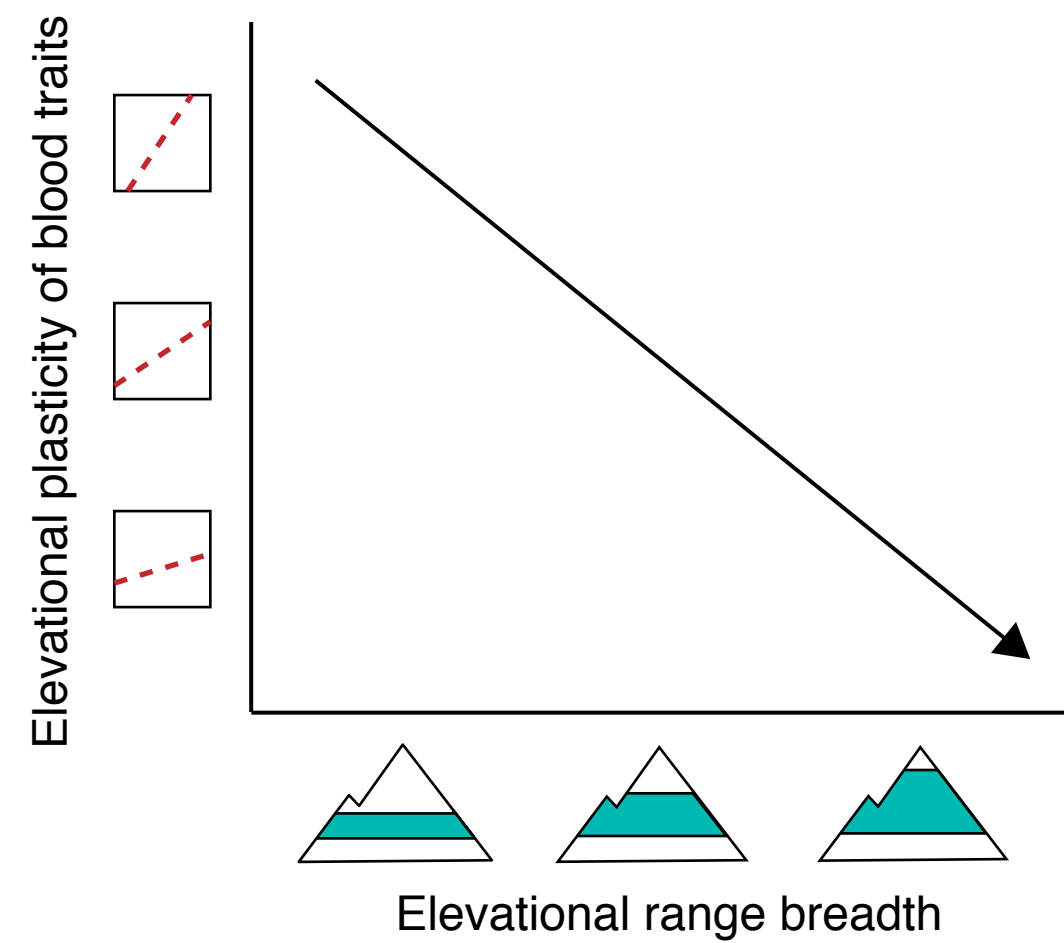


A

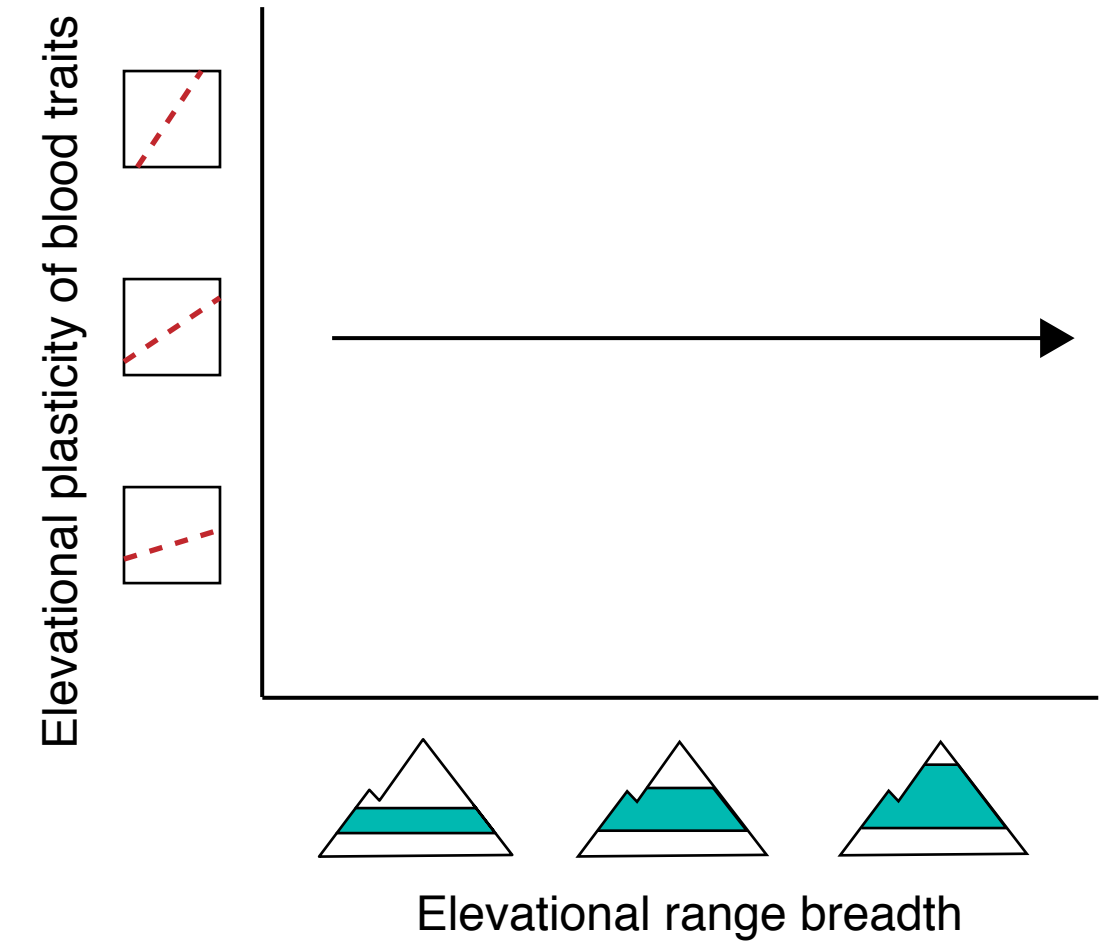
H_1 : Plasticity facilitates niche breadth:
Elevational generalists have greater plasticity in blood phenotypes



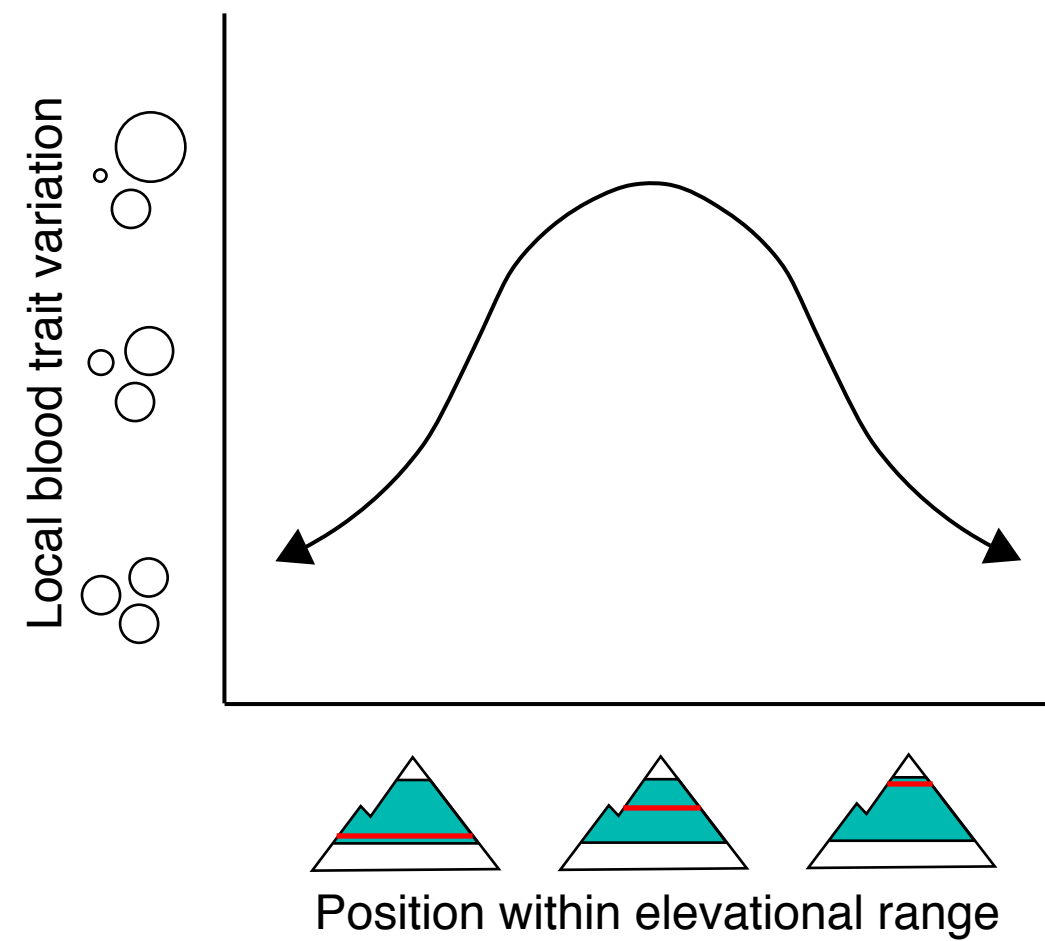
H_2 : Plasticity constrains niche breadth:
Elevational specialists have greater plasticity in blood phenotypes



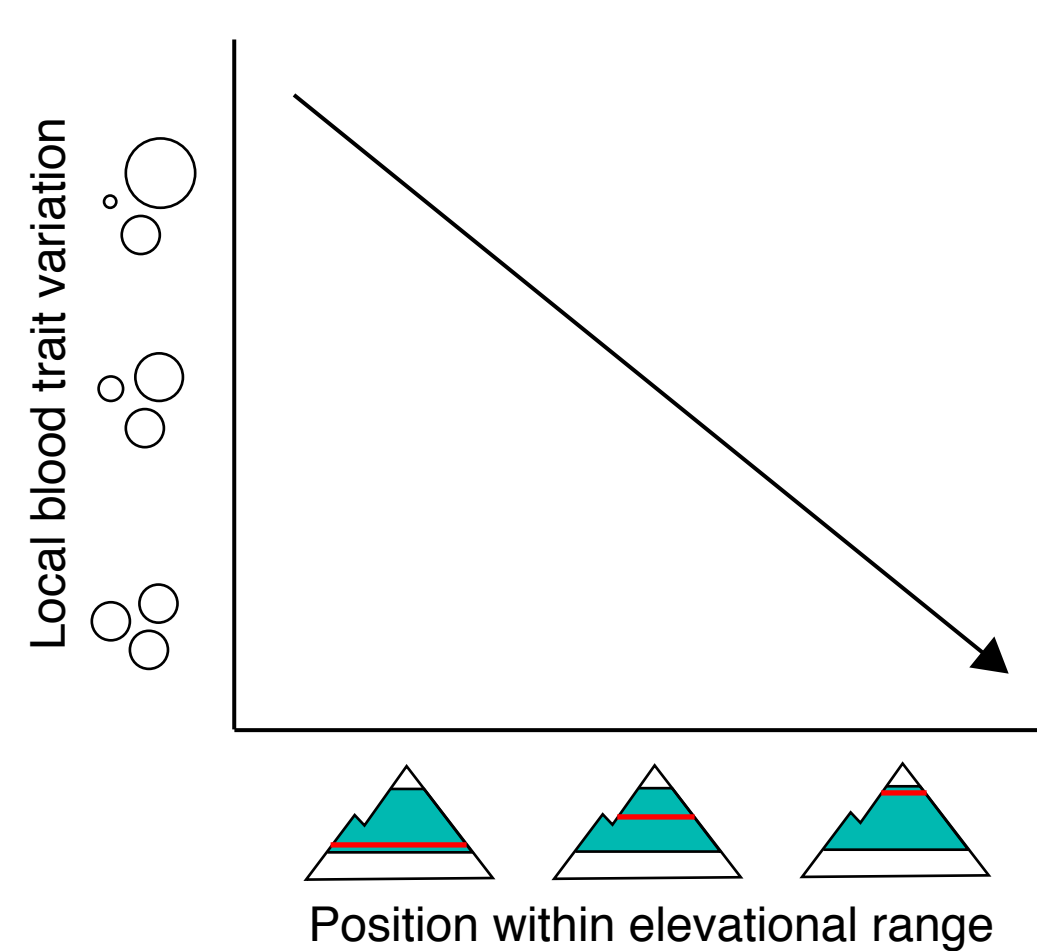
H_0 : Plasticity is unrelated to elevational range breadth

**B**

H_1 : Variation in blood phenotypes decreases near upper and lower range limits with stronger selection on optimum trait value



H_2 : Variation diminishes with elevation reflecting the increasing performance costs of failing to optimize blood composition to maintain oxygenation in increasingly hypoxic environments



H_0 : Variation in blood phenotypes is constant across elevations, reflecting no predictable shifts the strength of natural selection on blood phenotypes or related functional genetic variation.

