



Fig. S1. Phylogenetic tree of 52 tropical and temperate bird species. Phylogenetic relationships are based on information assembled by Johnson and Sorenson (Johnson and Sorenson, 1999), Klicka et al. (Klicka et al., 2000), Yuri and Mindell (Yuri and Mindell, 2002) and Boyd (Boyd, 2011). Branch lengths were derived from Sibley and Ahlquist (Sibley and Ahlquist, 1990) and shown in units of difference in melting temperatures of bonded DNA strands of different species. Tropical species are designated in red lettering, and temperate species in black lettering.

Table S1. The five candidate models tested with AIC for each LD₅₀ treatment

Model	Predictor variable(s)	Description
1	None	No effect of environment or covariate
2	Environment	Effect of environment only
3	Covariate	Effect of covariate only (body mass)
4	Environment + covariate	Additive model
5	Environment × covariate	Including an interaction