Emergence Time of *Lacerta monticola* from Refugia

Martín and López studied variation in the emergence time of *Lacerta monticola* from refugia in the field, under different levels of predation risk. The authors present a special case of the Ydenberg and Dill model that describes the trade-off between risks and costs for prey fleeing to a refuge. Their model predicts that emergence time of *L. monticola* (or other ectotherms) from a refuge should vary as a function of risk of predation and thermal costs of refuge time. Field experiments support the conclusion that optimization of refuge utilization strategies might help lizards to deal with changes in predation risk without incurring excessive physiological costs.

MARTÍN, J., AND P. LÓPEZ. 1999. When to come out from a refuge: risk-sensitive and state-dependent decisions in an alpine lizard. Behavioral Ecology 10(5):487–492.

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