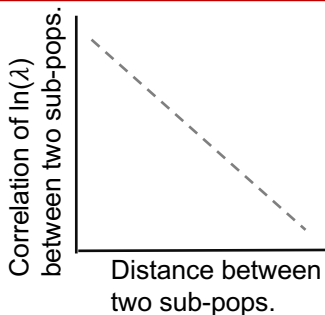


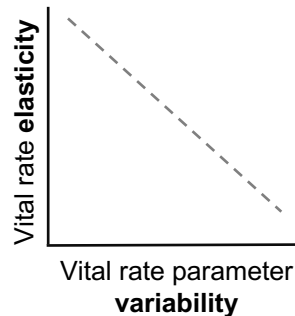
Fine-scale source-sink dynamics

No direct evidence without geneflow or dispersal data, but variation in $\ln(\lambda)$ across space (as tested in “Spatial Asynchrony”) is a necessary pre-requisite.

Spatial asynchrony



Vital rate buffering



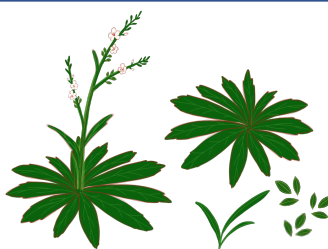
Demographic compensation

Correlation matrix of environmental covariate effect sizes in different vital rate models

	Growth model	Surv. model	Repro. model
Growth model	1	$< 0^*$ ($P < 0.05$)	$< 0^*$ ($P < 0.05$)
Surv. model		1	$< 0^*$ ($P < 0.05$)
Repro. model			1

* At least one significant negative correlation

Long-term persistence of *O. coloradensis* populations



Negative density dependence

