Supplemental Table S1 Mixed effects model testing for population-level perch diameter shifts. Pre-removal stage lizards on the one-species island are the baseline (intercept) of this model. 'Estimated within-island change from previous stage' and 'Estimated difference between islands' are calculated by comparing the relevant coefficients estimated by the model.

		Value	Std. Err.	t-value	p-value	Estimated within-island change from previous stage	Estimated difference between islands (one-species minus two-species)
Pre-removal	(Intercept) One-species island	4.5	0.52	8.65	**<0.001**	NA	-1.27
	Two-species island	1.27	0.76	1.66	0.1	NA	
Post-removal	One-species island	-0.87	0.59	-1.48	0.14	-0.87	-2.47
	Two-species island	1.6	0.73	2.18	**0.03**	0.33	
Delayed post-removal	One-species island	0.47	0.61	0.77	0.44	1.34	2.39
	Two-species island	-1.92	0.84	-2.28	**0.02**	-3.52	
Individual ID (Random effect) Standard Deviation: Intercept = 1.25, Residual = 4.80							