

Table S1. Summary of generalized linear mixed models for *Artemia franciscana* survivorship in fruit extract and *Fusarium sp.* hyphal growth on fruit extract relative to negative controls for mature fruit of eleven species.

Bioassay	Variable	Estimate	Std. Error	z
<b>A. <i>Artemia</i></b>	Intercept	-1.57	1.27	-1.24
	<b>Wind dispersal</b>	<b>3.74</b>	<b>1.12</b>	<b>3.33</b>
	<b>Seed</b>	<b>1.55</b>	<b>0.12</b>	<b>13.24</b>
	<b>Wind dispersal: Seed</b>	<b>-2.88</b>	<b>0.16</b>	<b>-17.62</b>
<b>B. <i>Fusarium</i></b>	<b>Intercept</b>	<b>0.79</b>	<b>0.16</b>	<b>5.03</b>
	Wind dispersal	0.01	0.22	0.05
	<b>Seed</b>	<b>0.12</b>	<b>0.04</b>	<b>3.15</b>
	Wind dispersal: Seed	-0.13	0.09	-1.48

Notes: The intercept is the mean of the mature pericarp from vertebrate-dispersed fruit and is the log of the odds ratio for *Artemia*. Coefficients of fixed effects are differences from the intercept. In bold are *P*-values significant at the 0.05 level.