

Table S1: Summary of abundance responses of key arthropod guilds in the ant-aphid experiment. We analyzed all of these responses using generalized linear mixed-effect models (error distribution = Poisson, link function = log). We report the likelihood-ratio test statistic and include the degrees of freedom for each test as a subscript next to each predictor.							
Arthropod abundances	Genotype (G)₍₉₎	E_{aphid}(1)	E_{ant}(1)	G×E_{aphid}(9)	G×E_{ant}(9)	E_{aphid}×E_{ant}(1)	G×E_{aphid}×E_{ant}(9)
Leaf-mining moth (Gracillariidae)	26.78	0.32	2.35	13.56	20.31	4.32	-
non- <i>A. farinosa</i> aphids (Aphididae)	24.43	0.01	0.04	23.16	6.99	3.63	8.16
Leafhopper (Cicadellidae)	21.92	0.84	0.01	7.29	11.54	1.67	-
Spiders (Araneae)	16.24	0.01	0.10	15.39	11.34	0.01	-
non- <i>F. obscuripes</i> ants (Formicidae)	22.43	17.70	1.52	5.21	7.07	0.73	-
Leaf-tiering moth (Tortricidae)	23.79	0.81	9.79	-	-	3.77	

Table S2: Summary of abundance responses of key arthropod guilds in the wind experiment. We analyzed all of these responses using generalized linear mixed-effect models (error distribution = Poisson, link function = log). We report the likelihood-ratio test statistic and include the degrees of freedom for each test as a subscript next to each predictor.

Arthropod abundances	Genotype (G)₍₉₎	E_{wind(1)}	G×E_{wind(9)}	E_{year(1)}	G×E_{year(9)}	E_{wind}×E_{year(1)}	G×E_{wind}×E_{year(9)}
Leaf-mining moths (Gracillariidae)	17.15	9.42	-	4.26	-	0.09	-
Gall midges (Cecidomyiidae)	19.26	17.59	-	38.07	-	-	-
Leaf-tiering moths (Tortricidae)	24.78	1.34	11.50	117.19	-	2.65	-
Aphids ₂₀₁₂ (Aphididae)	4.31	0.32	-	-	-	-	-
Spiders (Araneae)	8.27	6.04	-	6.54	-	0.20	-