

Supplementary material

Mating strategies dictate the importance of insect visits to native plants in urban fragments

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Table S1. Summary of potential pollinator observations for each plant species and approximate flowering totals within a 10-m radius

Observations were conducted in 10-min intervals.

	<i>Dianella revoluta</i>	<i>Hemiandra pungens</i>	<i>Jacksonia sericea</i>	<i>Patersonia occidentalis</i>	<i>Tricoryne elatior</i>
Total observation time (min)	650	320	320	1410	390
Number of different days	21	7	10	13	11
Total flowers of focal species observed	659	298	441	772	896
Total number of flowers within 10-m radius during observations	2900	860	410	7110	1980
Total visits observed	48	42 ^A	30	33	32
Number of different insects recorded	1	1	1	1	3
Insect species	<i>Amegilla chlorocyanea</i> (blue-banded bee ♀)	<i>Apis mellifera</i> (honey bee)	Native bee (Megachilidae family)	<i>Apis mellifera</i> (honey bee)	<i>Apis mellifera</i> (honey bee); hoverfly; <i>Amegilla chlorocyanea</i> (blue-banded bee ♀)

^ANo insects were observed on the pollination treatment population of *H. pungens* at Nicholson Road.

Table S2. Generalised linear mixed model (GLMM) output for the fruit and seed set for each pollination treatment, compared with open pollination

Results are significant at: *, $P < 0.05$; **, $P < 0.01$; ***, $P < 0.001$; NA, indicates treatment was not included in the model

	Species	Pollination treatment	Estimate	s.e.	z-value	Pr(> z)
Fruit set	<i>Dianella revoluta</i>	(Intercept)	-1.20	0.32	-3.77	<0.001***
		Autogamy	NA	NA	NA	NA
		Self	-2.89	1.05	-2.75	<0.01**
		Outcross	0.51	0.41	1.23	0.22
		Supplementary	1.07	0.40	2.65	<0.01**
	<i>Hemiandra pungens</i>	(Intercept)	1.93	0.60	3.23	<0.01**
		Autogamy	-2.09	0.51	-4.14	<0.001***
		Self	-1.41	0.51	-2.79	<0.01**
		Outcross	-1.62	0.52	-3.13	<0.01**
		Supplementary	NA	NA	NA	NA
	<i>Jacksonia sericea</i>	(Intercept)	-1.21	0.30	-4.08	<0.001***
		Autogamy	NA	NA	NA	NA
		Self	NA	NA	NA	NA
		Outcross	0.25	0.40	0.61	0.55
		Supplementary	0.59	0.40	1.46	0.14
<i>Patersonia occidentalis</i>	(Intercept)	-0.74	0.24	-3.11	<0.01**	
	Autogamy	-2.06	0.43	-4.82	<0.001***	
	Self	-1.24	0.36	-3.45	<0.001***	
	Outcross	0.57	0.30	1.87	0.06	
	Supplementary	NA	NA	NA	NA	
Seed set	<i>Dianella revoluta</i>	(Intercept)	0.41	0.22	1.86	0.06
		Autogamy	NA	NA	NA	NA
		Self	-0.41	1.02	-0.40	0.69
		Outcross	0.36	0.27	1.35	0.18
		Supplementary	0.36	0.25	1.41	0.16
	<i>Hemiandra pungens</i>	(Intercept)	1.17	0.09	12.89	<0.001***
		Autogamy	-0.00	0.13	-0.00	1.00
		Self	0.05	0.11	0.39	0.69
		Outcross	-0.09	0.12	-0.76	0.45
		Supplementary	NA	NA	NA	NA
	<i>Jacksonia sericea</i>	(Intercept)	-1.39	0.65	-2.15	0.03*
		Autogamy	NA	NA	NA	NA
		Self	NA	NA	NA	NA
		Outcross	0.69	0.82	0.85	0.40
		Supplementary	0.22	0.82	0.27	0.79
<i>Patersonia occidentalis</i>	(Intercept)	1.67	0.10	16.42	<0.001***	
	Autogamy	-0.66	0.23	-2.85	<0.01**	
	Self	-0.68	0.16	-4.26	<0.001***	
	Outcross	1.05	0.10	10.54	<0.001***	
	Supplementary	NA	NA	NA	NA	