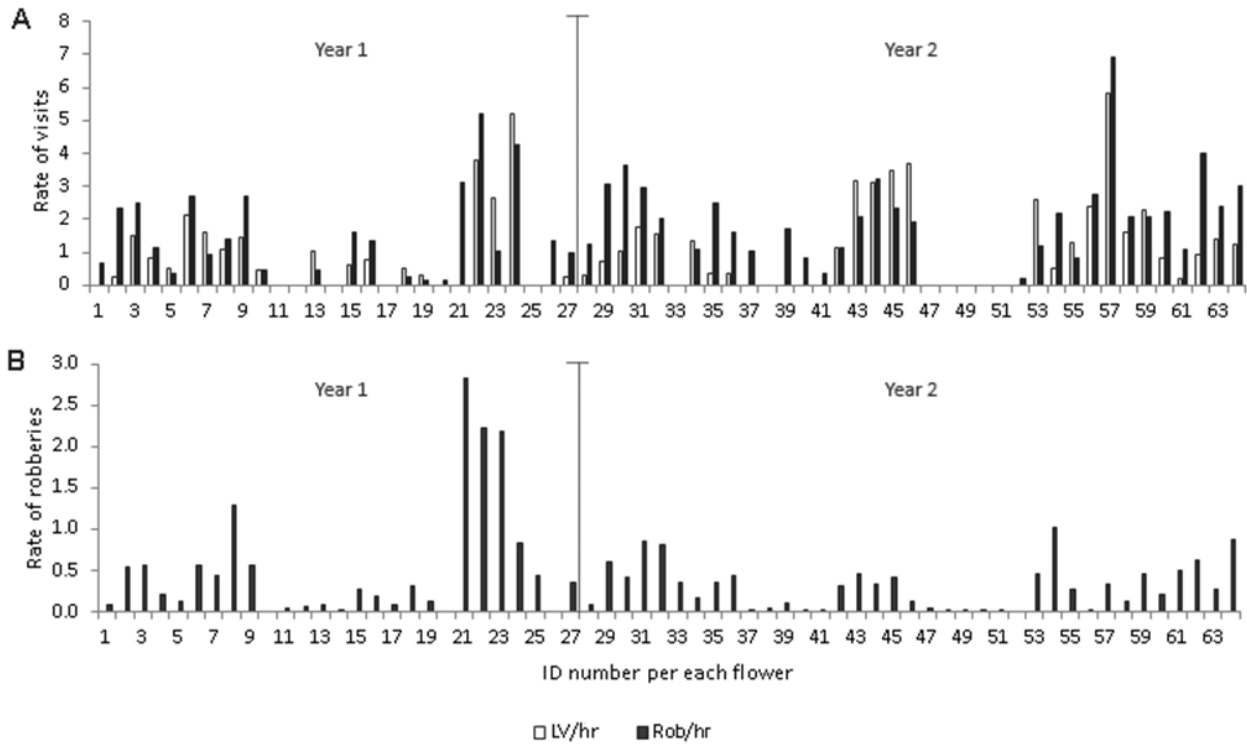


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Appendix I. (A) The number of legitimate visits (white bars) and nectar robberies (black bars) per hour for each studied flower when the flowers were in anthesis. (B) Nectar robbery per hour for each flower when it was closed. ID number: 1 to 27 flowers or buds recorded in year 1, and 28 to 64 flowers or buds recorded in year 2. LV=legitimate visits, Rob=nectar robbery, hr=hour.



Appendix II. Generalized linear models (GLM) used to test the effect of year and pollinator species (*Apis mellifera* and *Bombus terrestris*) on legitimate visits or robbery (only to open flowers) of *Vicia faba* flowers for two datasets: (1) N=64 flowers and (2) N=23 flowers which all visitors during their life are known.

Model set – day sampled	k	loglik	AICc	Weight	χ^2	DF	GoF	Theta
(1) Legitimate(N=64)								
year + sp + (year*sp)	5	-100.13	210.84	0.77	110.32	106	0.37	20.5
sp	3	-104.00	214.23	0.14	116.51	108	0.28	11.9
year + sp	4	-107.51	221.24	0.08	114.75	107	0.28	11.4
year	3	-107.51	221.24	0.00	119.71	108	0.21	6.86
(1) Robbery (N=64)								
year + sp + (year*sp)	5	-101.99	214.57	1.00	85.04	106	0.93	3.01
null model	5	-121.79	254.16	0	124.62	106	0.10	4100
sp	3	-136.57	279.37	0	122.44	108	0.16	2.26
year + sp	4	-136.29	280.97	0	125.47	107	0.10	2.63
year	3	-142.24	290.71	0	123.64	108	0.14	1.58
(2) Legitimate(N=23)								
year + sp + (year*sp) – day 1	5	-84.86	181.22	0.99	41.85	42	0.47	1.84
sp – day 2	3	-98.88	204.33	0.43	50.44	44	0.23	1.01
year + sp – day 3	4	-63.31	135.59	0.56	40.33	43	0.58	1.51
year + sp + (year*sp) – total	5	-119.17	249.84	0.68	51.50	42	0.15	6.97
(2) Robbery (N=23)								
year + sp + (year*sp) – day 1	5	-67.18	145.86	0.99	40.13	42	0.55	1.74
year + sp + (year*sp) – day 2	5	-93.35	202.20	1.00	47.63	42	0.25	1.41
year + sp + (year*sp) – day 3	5	-79.97	170.45	1.00	45.07	42	0.34	2.09
year + sp + (year*sp) – total	5	-118.59	248.68	1.00	49.98	42	0.18	3.31

Appendix III. The results of GLM analysis with factors: behaviour (legitimate visits and robbery), year and legitimate visit day in *Vicia faba* flowers. IC = confidence intervals.

Parameters	Estimate	Standard Error	IC 2.5%	IC 97.5%
Legitimate visits (N=64)				
Intercept	2.8478	1.9838	-1.0404	6.7360
year	-1.6114	1.0756	-3.7195	0.4960
Pollinator species	-2.9751	1.6739	-6.2558	0.3056
year*pollinator species	1.6689	0.7234	0.2510	3.0867
Robbery (N=63)				
Intercept	11.3032	2.7703	5.8734	16.7330
year	-9.9029	2.6083	-15.0150	-4.7906
pollinator species	-7.1821	1.5314	-10.1835	-4.1806
year*pollinator species	5.8942	1.3478	3.2525	8.5358
Legitimate visits day 1				
Intercept	42.100	6136.4	-11984.33	12069.12
year	-20.552	3068.3	-6034.26	5993.16
pollinator species	-41.022	6137.2	-12069.63	11987.58
year*pollinator species	20.608	3069.4	-5995.21	6036.43
Legitimate visits day 2				
Intercept	1.0958	0.8779	-0.6348	2.8165
year	-0.3842	0.4798	-1.3246	0.5561
pollinator species	0.3293	0.4668	-0.6248	1.2834
year*pollinator species	-0.1491	0.7096	-1.5350	1.2467
Legitimate visits day 3				
Intercept	13.3326	4057.6	-7939.32	7965.99
year	-5.1872	2028.8	-3981.59	3971.21
pollinator species	-16.5834	4066.3	-7986.45	7953.28
year*pollinator species	17.2570	3069.4	-5998.56	6033.07
Legitimate visits total				
Intercept	2.5855	1.1420	0.3471	4.8238
year	0.1996	0.6646	-1.1030	1.5023
pollinator species	-1.5233	0.8144	-3.1196	0.0728
year*pollinator species	0.7431	0.3806	-0.0029	1.4891