

Appendix 1. Summary of entry angle standard deviation (SD) and preference data for *B. impatiens* on artificial flowers. Data for proportions of visits (preference data) are not available for colony 1 as the methods used did not allow these data to be collected. Differences between symmetries are presented as (Radial SD – Bilateral SD). Foraging bouts for colony 2 are the same for both symmetries as they were presented at the same time.

Colony	Bee	Radial Symmetry SD	Bilateral Symmetry SD	Difference Between Symmetries	# of Radial Foraging Bouts	# of Radial Visits (Proportion)	# of Bilateral Foraging Bouts	# of Bilateral Visits (Proportion)	Total # of Visits
1	1	23.1°	20.0°	3.1°	2	46 (NA)	2	48 (NA)	94
	2	25.7°	22.7°	3.0°	2	50 (NA)	3	69 (NA)	119
	3	24.3°	25.3°	-1.0°	2	43 (NA)	3	55 (NA)	98
	4	30.1°	22.1°	8.0°	3	87 (NA)	3	69 (NA)	156
	5	31.7°	21.7°	10.0°	3	69 (NA)	3	83 (NA)	152
	6	51.1°	36.0°	15.1°	4	55 (NA)	4	45 (NA)	110
2	7	34.1°	20.3°	13.8°	3	37 (0.63)	3	22 (0.37)	59
	8	31.4°	21.5°	9.9°	3	40 (0.61)	3	24 (0.39)	64
	9	27.1°	18.9°	8.2°	3	38 (0.50)	3	38 (0.50)	76
	10	31.2°	17.3°	13.9°	3	45 (0.47)	3	50 (0.53)	95
	11	31.7°	17.6°	14.1°	3	60 (0.57)	3	45 (0.43)	105
	12	31.3°	20.0°	11.3°	3	45 (0.51)	3	43 (0.49)	98
	13	28.0°	18.3°	9.7°	3	60 (0.54)	3	52 (0.46)	112
	14	28.2°	20.3°	7.9°	3	48 (0.51)	3	46 (0.49)	94
	15	28.9°	21.0°	7.9°	3	44 (0.45)	3	53 (0.55)	97
	16	28.0°	20.0°	8.0°	3	42 (0.49)	3	43 (0.51)	85
Average		30.4°	21.4°	8.9°	2.8	50.6 (0.53)	3	49.1 (0.47)	100.9