	Table S2. Stepping cycle speed, path length and angle change									
	N (trial)	Mean step cycle speed (cm s ⁻¹)	Range of speed (cm s ⁻¹)	s.d. of step cycle speed	Mean step cycle path (cm)	Range of step path (cm)	s.d. of step path	Angle change over step (deg)	Range of angle change (deg)	s.d. of angle change
Front leg										
No-song	2	6.5	4.87-8.66	1.7	0.53	0.37-0.67	0.2	23.8	14.9-32.2	4.0
Song contralateral	22	7.2	4.56–8.46	1.1	0.52	0.22-0.71	0.2	26.6	10.47–36.44	6.2
Song ipsilateral	22	5.7	3.9–7.54	0.9	0.34	0.14–0.55	0.1	13.3	4.01–21.13	2.2
Middle leg										
No-song	2	7.3	5.52-8.84	1.7	0.61	0.39-0.82	0.1	45.7	37.2-53.3	4.2
Song contralateral	22	7.5	4.85–9.21	1.0	0.52	0.26-0.85	0.2	39.6	20.9–55.1	8.2
Song ipsilateral	22	6.7	4.36–8.15	1.0	0.54	0.20-0.78	0.2	43.2	26.8–51.1	7.4
Hind leg										
No-song	2	5.6	4.58-6.62	0.9	0.44	0.37-0.67	0.2	6.0	5.7-6.3	0.3
Song contralateral	22	5.6	3.90–6.28	0.7	0.39	0.27-0.54	0.1	9.38	4.86–13.11	1.9
Song ipsilateral	22	5.0	3.72–5.96	0.6	0.31	0.05-0.48	0.1	5.36	1.57–9.89	2.2