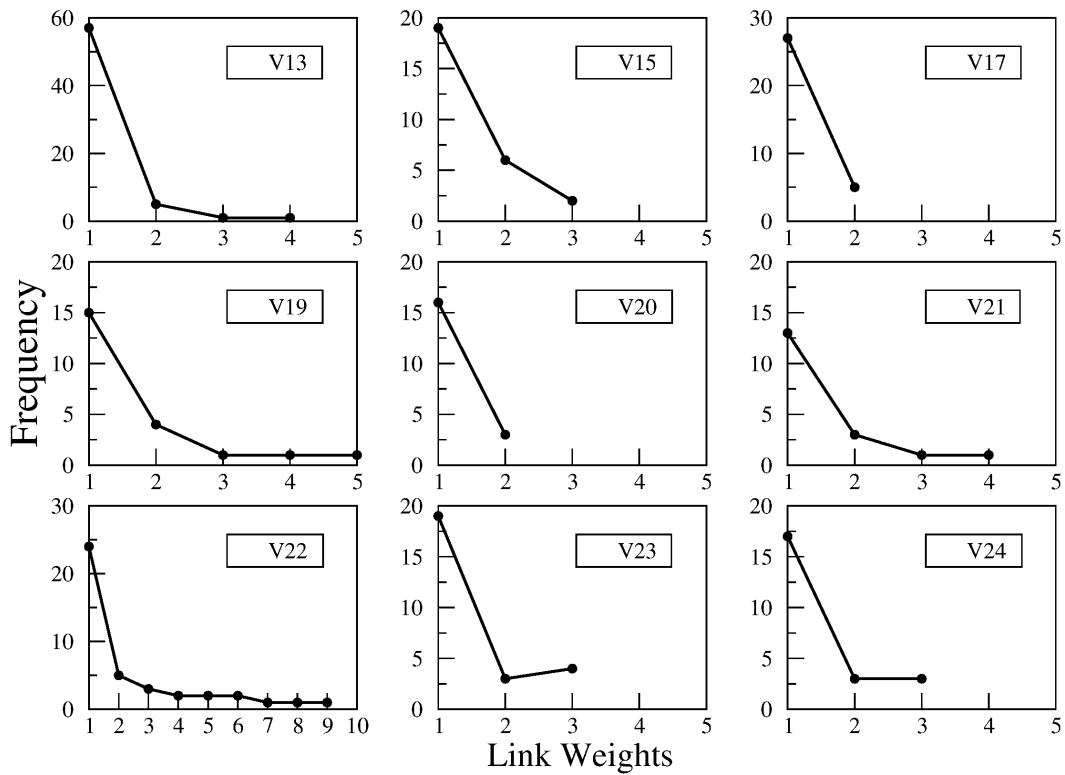


**Supplementary text 4:** Analysis of the link weights sampled by 10 hours of observations in 9 colonies of *R. maginata*.



Link weight distributions for individual colonies

Link weights	Observed frequencies (%)	
	mean	sd
1	74.88	9.50
2	14.79	4.20
3	6.09	5.42
4	1.84	2.43
5	1.05	2.08
6	0.54	1.63
7	0.27	0.81
8	0.27	0.81
9	0.27	0.81

Observed frequencies considering all colonies together