

S3 Table**Data used for Fig 4****a) Rate of feeding of host larva of different stages (mg/h)**

Legend (BE – Before egression of parasitoid prepupa; UP – Unparasitized host larva; AE – After egression of parasitoid prepupa)

UP	BE	AE
2.33	0	0
0	0.67	0
2.67	3.33	0
2.5	2.33	0
6	9.67	0
3.5	4	0
0.25	0.25	0
2	0.25	0
4	0	0
3.5	0.5	0
2.8	1	
2.8	4.8	
0.25	0.25	
2.33	0.67	
3.5	2.33	
0.25	0	
3.5	3.5	
7.25	18	
6	7.8	
8.25	3.5	
1.75	8.75	
2.25	10	
20	12.2	
13.75	6.75	
5.85	3.25	
8.3	6.8	
6.2	8.75	
7.25	3.75	
6.2		
8.2		
0.25		

b) Rate of walking of host larva of different stages (cm/sec)

UP	BE	AE
0.583	0.505	0
0.454	0.343	0
0.318	0.208	0
0.490	0.139	0
0.295	0.145	0
0.135	0.262	0
0.500	0.345	0
0.605	0.266	0
0.415	0.389	0
0.380	0.278	0
0.521	0.476	0
0.226	0.333	0
0.383	0.419	0
0.275	0.527	0
0.251	0.544	0
0.389	0.490	
0.377	0.598	
0.333	0.480	
0.430	0.415	
0.521	0.570	
0.343	0.510	
0.209	0.454	
0.293	0.380	
0.538	0.583	
0.576	0.598	
0.471	0.653	
0.249	0.583	
0.490	0.551	
0.583	0.495	
0.505	0.544	
0.353	0.371	
0.495	0.645	
0.360	0.180	
0.377	0.333	
0.280	0.224	
0.371	0.505	
0.516	0.510	
0.331	0.327	
0.340	0.495	
0.282	0.527	
0.322	0.383	
0.280	0.405	

0.405	0.304	
0.331	0.290	
0.265	0.302	
	0.285	
	0.285	
	0.500	
	0.368	
	0.274	
	0.295	