

Table S5. Number of colony-forming units (CFUs) of *Attamyces* in infrabuccal pellets carried by *Atta texana* females.

Pellets were sterilely expelled from dispersing female *A. texana*, then macerated and vortexed in 1 ml buffer.

The entire suspension was plated on potato dextrose agar.

CFUs of *Attamyces* were counted after three weeks growth at room temperature.

Pellet #	Nest ID, Collection Location	CFU/ml
1	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	800
2	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	673
3	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	860
4	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	613
5	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	600
6	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	900
7	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	1166
8	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	686
9	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	1500
10	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	893
11	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	155
12	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	195
13	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	280
14	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	280
15	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	220
16	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	190
17	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	535
18	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	720
19	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	690
20	Nest 1 (UGM050509-01, Brackenridge Field Lab, Austin, TX)	60
		AVERAGE = 600.8
		STANDARD DEVIATION = 371.7
		RANGE = 60-1500
21	Nest A (UGM060121-01, Hornsby Bend, Austin, TX)	225
22	Nest A (UGM060121-01, Hornsby Bend, Austin, TX)	350
23	Nest A (UGM060121-01, Hornsby Bend, Austin, TX)	735
24	Nest A (UGM060121-01, Hornsby Bend, Austin, TX)	940
25	Nest A (UGM060121-01, Hornsby Bend, Austin, TX)	200
26	Nest A (UGM060121-01, Hornsby Bend, Austin, TX)	315
27	Nest A (UGM060121-01, Hornsby Bend, Austin, TX)	248
28	Nest A (UGM060121-01, Hornsby Bend, Austin, TX)	188
		AVERAGE = 400.1
		STANDARD DEVIATION = 280.9
		RANGE = 188-940
		OVERALL UNWEIGHTED AVERAGE = 543.464
		OVERALL STANDARD DEVIATION = 355.21
		OVERALL RANGE = 60-1500