

Supplementary Material

Table S1. Distribution in functional groups for ant species collected in pitfall traps in environments with high and low human intervention on the campus of the Federal Rural University of Rio de Janeiro (UFRRJ).

Species	Functional Group	Environments	
		High human intervention	Low human intervention
<i>Atta sexdens</i> (Linnaeus, 1758)	Leafcutters	1	96
<i>Brachymyrmex patagonicus</i> Mayr, 1868	Epigeic Generalist Omnivores	9	0
<i>Brachymyrmex</i> sp1	Epigeic Generalist Omnivores	2	2
<i>Brachymyrmex</i> sp2	Epigeic Generalist Omnivores	0	1
<i>Brachymyrmex</i> sp3	Epigeic Generalist Omnivores	4	0
<i>Cardiocondyla obscurior</i> Wheeler, 1929	Arboreal Omnivores	1	0
<i>Camponotus crassus</i> Mayr, 1862	Epigeic-Arboreal Omnivores	0	2
<i>Camponotus</i> sp1	Epigeic-Arboreal Omnivores	2	0
<i>Camponotus</i> sp2	Epigeic-Arboreal Omnivores	1	0
<i>Camponotus</i> sp3	Epigeic-Arboreal Omnivores	0	1
<i>Crematogaster crinosa</i> Mayr, 1862	Arboreal Omnivores	0	1
<i>Crematogaster obscurata</i> Emery, 1895	Arboreal Omnivores	1	0
<i>Cyphomyrmex</i> sp1	Fungus-growers	0	5
<i>Cyphomyrmex</i> sp2	Fungus-growers	0	2
<i>Cyphomyrmex transversus</i> Emery, 1894	Fungus-growers	26	0
<i>Ectatomma brunneum</i> Smith, 1858	Epigeic Generalist Predators	1	11
<i>Ectatomma edentatum</i> Roger, 1863	Epigeic Generalist Predators	3	0
<i>Mycocepurus goeldii</i> (Forel, 1893)	Fungus-growers	1	5
<i>Mycocepurus smithii</i> (Forel, 1893)	Fungus-growers	0	2
<i>Myrmicocrypta squamosa</i> Smith, 1860	Fungus-growers	0	1
<i>Nylanderia fulva</i> (Mayr, 1862)	Epigeic Generalist Omnivores	0	1
<i>Odontomachus bauri</i> Emery, 1892	Epigeic Generalist Predators	1	0
<i>Pachycondyla striata</i> Smith, 1858	Epigeic Generalist Predators	1	18
<i>Paratrechina longicornis</i> (Latreille, 1802)	Epigeic Generalist Omnivores	1	2
<i>Pheidole obscurithorax</i> Naves, 1985	Epigeic Generalist Omnivores	324	72
<i>Pheidole oxyops</i> Forel, 1908	Epigeic Generalist Omnivores	16	0
<i>Pheidole radoszkowskii</i> Mayr, 1884	Epigeic Generalist Omnivores	41	14
<i>Pheidole subarmata</i> Mayr, 1884	Epigeic Generalist Omnivores	0	1
<i>Sericomyrmex mayri</i> Forel, 1912	Fungus-growers	0	1
<i>Solenopsis geminata</i> (Fabricius, 1804)	Epigeic Generalist Omnivores	53	6
<i>Solenopsis</i> sp1	Epigeic Generalist Omnivores	1	2
<i>Solenopsis</i> sp2	Epigeic Generalist Omnivores	0	1
<i>Strumigenys</i> sp1	Epigeic Generalist Omnivores	7	2
<i>Tetramorium simillimum</i> (Smith, 1851)	Epigeic Generalist Omnivores	1	0
<i>Wasmannia auropunctata</i> (Roger, 1863)	Epigeic-Arboreal Omnivores	2	5
<i>Wasmannia rochai</i> Forel, 1908	Epigeic-Arboreal Omnivores	6	5

Table S2. Number of species per food station between environments with high and low human intervention on the campus of the Federal Rural University of Rio de Janeiro (UFRRJ).

Species	Functional Group	Environments						Total	%
		HHI			LHI				
		IB	CP	IC	BG	DAF	CL		
<i>Atta sexdens</i> (Linnaeus, 1758)	Leafcutters	0	0	0	1	0	0	1	0,46%
<i>Brachymyrmex cordermoyi</i> Forel, 1895	Epigeic Generalist Omnivores	2	0	0	1	0	1	4	1,85%
<i>Cardiocondyla emeryi</i> Forel, 1881	Arboreal Omnivores	0	0	0	1	0	0	1	0,46%
<i>Crematogaster evallans</i> Forel, 1907	Arboreal Omnivores	0	0	1	0	1	0	2	0,93%
<i>Ectatomma brunneum</i> Smith, 1858	Epigeic Generalist Predators	0	0	0	0	1	0	1	0,46%
<i>Linepithema neotropicum</i> Wild, 2007	Epigeic Generalist Omnivores	0	0	0	0	0	1	1	0,46%
<i>Nylanderia fulva</i> (Mayr, 1862)	Epigeic Generalist Omnivores	0	0	0	1	0	0	1	0,46%
<i>Pachycondyla striata</i> Smith, 1858	Epigeic Generalist Predators	0	0	0	2	0	0	2	0,93%
<i>Paratrechina longicornis</i> (Latreille, 1802)	Epigeic Generalist Omnivores	0	0	0	2	0	1	3	1,39%
<i>Pheidole alienata</i> Borgmeier, 1929	Epigeic Generalist Omnivores	0	0	0	1	0	0	1	0,46%
<i>Pheidole gertrudae</i> Forel, 1886	Epigeic Generalist Omnivores	1	0	0	0	0	0	1	0,46%
<i>Pheidole obscurithorax</i> Naves, 1985	Epigeic Generalist Omnivores	8	24	23	8	11	8	82	38,0%
<i>Pheidole oxyops</i> Forel, 1908	Epigeic Generalist Omnivores	0	0	0	10	1	2	13	6,02%
<i>Pheidole radoszkowskii</i> Mayr, 1884	Epigeic Generalist Omnivores	4	0	2	0	1	0	7	3,24%
<i>Pheidole</i> sp1	Epigeic Generalist Omnivores	0	0	0	1	0	0	1	0,46%
<i>Pheidole</i> sp2	Epigeic Generalist Omnivores	0	1	0	2	1	6	10	4,63%
<i>Pheidole vallifica</i> Forel, 1901	Epigeic Generalist Omnivores	0	0	0	1	0	0	1	0,46%
<i>Solenopsis geminata</i> (Fabricius, 1804)	Epigeic Generalist Omnivores	7	8	9	1	4	4	33	15,2%
<i>Solenopsis</i> sp1	Epigeic Generalist Omnivores	1	1	0	0	2	0	4	1,85%
<i>Solenopsis</i> sp2	Epigeic Generalist Omnivores	0	1	0	1	0	0	2	0,93%
<i>Tapinoma melanocephalum</i> (Fabricius, 1793)	Epigeic Generalist Omnivores	1	0	0	0	0	1	2	0,93%
<i>Wasmannia auropunctata</i> (Roger, 1863)	Epigeic-Arboreal Omnivores	0	0	0	0	0	2	2	0,93%
No ants present		10	0	2	6	12	9	39	18,0%
Total food station per environment		36	36	36	36	36	36	216	100%