

Composition and inter-species relationships within ant communities across differentially anthropized urban environments: a case study

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Table S1 Presence and absence of species collected in three different studies in the city of São Paulo and in our study. Unidentified species with the same number (e.g. Pheidole sp. 1) are not necessarily the same across studies. The “+” indicates presence, and “-” indicates absence.

Genus/Species	Secondary forest	Urban Area	Piva ¹	Carvalho ²	Souza ³
Dolichoderinae					
<i>Dorymyrmex brunneus</i>	-	-	-	-	+
<i>Dorymyrmex sp.1</i>	-	-	+	+	-
<i>Dorymyrmex sp.2</i>	-	-	-	+	-
<i>Linepithema cerradense</i>	+	-	-	-	-
<i>Linepithema neotropicum</i>	-	+	-	-	+
<i>Linepithema sp.1</i>	-	-	+	-	-
<i>Linepithema sp.2</i>	-	-	+	-	-
<i>Tapinoma melanocephalum</i>	-	-	+	-	-
Dorylinae					
<i>Acanthostichus sp.1</i>	+	-	-	-	-
<i>Labidus coecus</i>	-	-	-	-	+
Ectatomminae					
<i>Ectatomma edentatum</i>	+	+	-	-	-
<i>Ectatomma sp.1</i>	-	-	+	-	-
<i>Gnamptogenys striatula</i>	+	+	-	-	+
<i>Paratrechina longicornis</i>	-	-	+	+	-
<i>Paratrechina sp.1</i>	-	-	-	+	-
Formicinae					
<i>Brachymyrmex admotus</i>	-	-	-	-	+
<i>Brachymyrmex cordemoyi</i>	-	-	-	-	+
<i>Brachymyrmex heeri</i>	-	-	-	-	+
<i>Brachymyrmex sp.1</i>	-	+	+	+	-
<i>Brachymyrmex sp.2</i>	-	+	+	+	-
<i>Brachymyrmex sp.3</i>	-	+	+	-	-
<i>Brachymyrmex sp.4</i>	+	-	-	-	-
<i>Brachymyrmex sp.5</i>	+	-	-	-	-

<i>Camponotus crassus</i>	-	+	+	-	+
<i>Camponotus renggeri</i>	-	+	-	-	-
<i>Camponotus rufipes</i>	-	-	+	-	+
<i>Camponotus sp.1</i>	-	+	+	+	-
<i>Camponotus sp.2</i>	+	-	+	-	-
<i>Camponotus sp.5</i>	-	-	-	-	+
<i>Camponotus sp.11</i>	-	-	-	-	+
<i>Myrmelachista brevicornis</i>	+	-	-	-	-
<i>Myrmelachista catharinae</i>	-	-	-	-	+
<i>Nylanderia fulva</i>	-	-	-	+	-
<i>Nylanderia sp. 1</i>	-	-	-	-	+
Heteroponerinae					
<i>Heteroponera sp.1</i>	+	-	-	-	-
Myrmicinae					
<i>Acromyrmex niger</i>	-	-	-	-	+
<i>Acromyrmex sp.1</i>	-	+	+	-	-
<i>Acromyrmex sp.2</i>	+	-	-	-	-
<i>Atta sexdens</i>	-	-	-	-	+
<i>Basiceros disciger sp.1</i>	+	-	-	-	-
<i>Cardiocondyla sp.1</i>	-	-	+	-	-
<i>Cardiocondyla wroughtoni</i>	-	-	-	-	+
<i>Cephalotes sp.1</i>	-	+	-	-	-
<i>Cephalotes pusillus</i>	-	-	-	-	+
<i>Crematogaster sp.1</i>	-	+	-	+	-
<i>Cyphomyrmex sp.1</i>	+	+	+	+	+
<i>Hylomyrma sp.1</i>	+	-	-	-	-
<i>Mycocrepus goeldii</i>	-	-	-	+	-
<i>Monomorium floricola</i>	-	-	+	+	-
<i>Monomorium pharaonis</i>	-	-	+	+	-
<i>Nesomyrmex sp. 1</i>	-	-	+	-	-
<i>Octostruma sp. 1</i>	-	-	+	-	-
<i>Oxyepoecus myops</i>	-	-	-	-	+
<i>Pheidole aberrans</i>	-	-	-	-	+
<i>Pheidole obscurithorax</i>	-	-	-	-	+
<i>Pheidole oxyops</i>	-	-	-	-	+
<i>Pheidole dimidiata</i>	-	-	+	-	-
<i>Pheidole fallax</i>	-	-	+	-	-
<i>Pheidole megacephala</i>	-	-	+	-	-
<i>Pheidole nubila</i>	-	-	+	-	-
<i>Pheidole risii</i>	-	-	+	-	-
<i>Pheidole sospes</i>	-	-	-	-	+
<i>Pheidole sp.1</i>	-	+	+	+	-
<i>Pheidole sp.2</i>	-	+	+	+	-
<i>Pheidole sp.3</i>	-	+	+	+	-
<i>Pheidole sp.4</i>	+	+	+	+	-
<i>Pheidole sp.5</i>	+	+	+	+	+
<i>Pheidole sp.6</i>	+	-	+	+	-
<i>Pheidole sp.7</i>	+	+	-	+	-
<i>Pheidole sp.8</i>	+	+	-	+	-

<i>Pheidole sp.9</i>	-	+	-	+	-
<i>Pheidole sp.10</i>	+	-	-	-	-
<i>Pheidole sp.21</i>	-	-	-	-	+
<i>Pheidole sp.24</i>	-	-	-	-	+
<i>Pheidole sp.26</i>	-	-	-	-	+
<i>Pheidole sp.36</i>	-	-	-	-	+
<i>Pheidole sp.36</i>	-	-	-	-	+
<i>Pheidole sp.39</i>	-	-	-	-	+
<i>Pheidole sp.44</i>	-	-	-	-	+
<i>Pheidole triconstricta</i>	-	-	-	-	+
<i>Solenopsis emiliae</i>	-	+	-	-	-
<i>Solenopsis saevissima</i>	-	-	-	-	+
<i>Solenopsis sp.1</i>	+	+	+	+	-
<i>Solenopsis sp.2</i>	+	-	+	+	+
<i>Solenopsis sp.3</i>	-	-	-	+	+
<i>Strumigenys denticulata</i>	-	-	-	-	+
<i>Strumigenys louisianae</i>	-	-	-	-	+
<i>Strumigenys sp.1</i>	+	+	-	+	-
<i>Strumigenys sp.2</i>	+	-	-	-	-
<i>Trachymyrmex sp.1</i>	-	+	-	+	-
<i>Wasmannia affinis</i>	-	-	-	-	-
<i>Wasmannia auropunctata</i>	-	+	+	+	+
Ponerinae					
<i>Hypoponera sp.1</i>	+	+	+	-	+
<i>Hypoponera sp.2</i>	+	+	-	-	-
<i>Hypoponera sp.11</i>	-	-	-	-	+
<i>Leptogenys sp.1</i>	+	-	-	-	-
<i>Odontomachus affinis</i>	+	-	-	-	+
<i>Pachycondyla harpax</i>	+	-	-	-	-
<i>Pachycondyla sp.1</i>	-	-	+	-	-
<i>Pachycondyla sp.2</i>	-	-	+	-	-
<i>Pachycondyla striata</i>	+	+	-	-	+
Pseudomyrmecinae					
<i>Pseudomyrmex gracilis</i>	-	-	-	-	+
<i>Pseudomyrmex sp. 3</i>	-	-	-	-	+
<i>Pseudomyrmex termitarius</i>	-	-	+	-	-

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