

Appendix 1. Myrmecophyte species recorded in survey plots, their resident ant taxa, and the habitat type in which they were found (CF= Continuous Forest, FF=Forest Fragment). For ants whose identification to the species level was not possible, we used the morphospecies identification numbers used in the INPA entomological collection. Note that while we list *Tachigali* species separately when possible, all analyses were conducted by combining individuals into one taxon (*Tachigali* spp.). An asterisk denotes an opportunist ant species.

Plant species (Family)	Resident ant species	FF	CF
<i>Amaioua guianensis</i> (Rubiaceae)	None	X	
<i>Cecropia ficifolia</i> (Cecropiaceae)	<i>Pheidole</i> sp. 13*		X
<i>Cecropia purpurascens</i> (Cecropiaceae)	<i>Camponotus balzani</i>		X
	None	X	X
<i>Cordia nodosa</i> (Boraginaceae)	<i>Allomerus octoarticulatus</i>		X
	<i>Azteca</i> spp.	X	X
	<i>Crematogaster brasiliensis</i> *	X	X
	<i>Crematogaster limata parabiatica</i> *		X
	<i>Crematogaster</i> sp. B*		X
	<i>Dolichoderus</i> sp. A*	X	
	<i>Leptothorax tristani</i> *	X	
	<i>Pachycondyla unidentata</i> *		X
	<i>Parathechina</i> sp. 5*	X	
	<i>Pheidole</i> sp. 45*		X
	<i>Pheidole</i> sp. 52*		X
	<i>Pheidole</i> sp. 81*		X
	<i>Solenopsis</i> sp. 12*	X	X
	<i>Solenopsis</i> sp. 3*		X
	<i>Solenopsis</i> sp. 8*	X	X
	<i>Wasmannia auropunctata</i> *		X
	<i>Wasmannia scrobifera</i> *		X
	None	X	X
<i>Duroia saccifera</i> (Rubiaceae)	<i>Allomerus octoarticulatus</i>	X	X
	<i>Allomerus sepemarticulatus</i>	X	X
	<i>Azteca</i> spp.		X
	<i>Solenopsis</i> sp. 3*		X
	None		X
<i>Hirtella myrmecophila</i> (Chrysobalanaceae)			X
	<i>Allomerus decemarticulatus</i>	X	
	<i>Allomerus novemarticulatus</i>		X
	<i>Allomerus octoarticulatus</i>	X	X
	<i>Allomerus septemarticulatus</i>	X	X
	<i>Azteca</i> spp.	X	
	<i>Brachymyrmex</i> sp. 2*		X
	<i>Brachymyrmex</i> sp. 3*	X	
	<i>Crematogaster brasiliensis</i> *	X	X
	<i>Crematogaster limata parabiatica</i> *	X	
	<i>Crematogaster</i> sp. A	X	

	<i>Pheidole</i> sp. 46*	X	
	<i>Solenopsis</i> sp. A*		X
	<i>Solenopsis</i> sp. 6*		X
	<i>Solenopsis</i> sp. 8*	X	
	<i>Wasmannia auropunctata</i> *	X	
	None	X	X
<i>Hirtella physophora</i> (Chrysobalanaceae)	<i>Al. decemarticulatus</i>	X	
	<i>Allomerus octoarticulatus</i>	X	X
	<i>Allomerus septemarticulatus</i>	X	X
	<i>Azteca</i> spp.	X	X
	<i>Wasmannia auropunctata</i> *		X
	None	X	X
<i>Maieta guianensis</i> (Melastomataceae)	<i>Pheidole minutula</i>		X
	<i>Pheidole</i> sp. 52*	X	
	None	X	X
<i>Myrcia madida</i> (Myrtaceae)	<i>Myrcidris epicharis</i>		X
	None		X
<i>Porouma</i> spp. (Cecropiaceae)	<i>Allomerus novemarticulatus</i>		X
	<i>Crematogaster brasiliensis</i> *		X
	<i>Crematogaster</i> sp. A*	X	
	None	X	
<i>Tachigali myrmecophila</i> (Fabaceae)	<i>Azteca</i> spp.	X	X
	<i>Crematogaster limata parabiatica</i> *		X
	<i>Pseudomyrmex concolor</i>	X	X
	<i>Pseudomyrmex nigrescens</i>	X	X
	None	X	X
<i>Tachigali plumbea</i> (Fabaceae)	<i>Pseudomyrmex nigrescens</i>	X	
<i>Tachigali</i> spp. (Fabaceae)	<i>Allomerus octoarticulatus</i>		X
	<i>Azteca</i> spp.	X	
	<i>Pseudomyrmex concolor</i>	X	X
	<i>Pseudomyrmex nigrescens</i>	X	
	None	X	X
<i>Tachigali venusta</i> (Fabaceae)	<i>Pseudomyrmex concolor</i>		X
	<i>Pheidole</i> sp. 13*		X
	<i>Pheidole</i> sp. 52*		X
	None	X	
<i>Tococa bullifera</i> (Melastomataceae)	<i>Azteca</i> spp.	X	X
	<i>Crematogaster laevis</i>	X	X
	None	X	X