

**PATTERNS OF TAXONOMIC DIVERSITY OF POMPILIDAE AND
MUTILLIDAE (HYMENOPTERA: POMPILOIDEA) IN
AGRICULTURAL LANDSCAPES IN THE BRAZILIAN ATLANTIC
FOREST OF SOUTHERN BAHIA**

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SUPPLEMENTARY MATERIAL

Appendix 1. Forest cover and geographic location of 30 cocoa agroforestry sites (cabruca) and 30 Atlantic Forest remnant sites (forest) in southern Bahia, Brazil.

Landscape_code	Habitat_type	Region	Forest_cover_(%)	Longitude	Latitude
B13	Cabruca	Severely deforested	25.4845	-39.321616	-15.659441
B13	Forest	Severely deforested	25.4845	-39.323028	-15.662462
B14	Cabruca	Severely deforested	28.645754	-39.16679	-15.805828
B14	Forest	Severely deforested	28.645754	-39.163018	-15.811215
B15	Cabruca	Severely deforested	8.912572	-39.213718	-16.017654
B15	Forest	Severely deforested	8.912572	-39.212349	-16.019074
B16	Cabruca	Severely deforested	55.294327	-39.376006	-15.514847
B16	Forest	Severely deforested	55.294327	-39.378864	-15.516445
B18	Cabruca	Severely deforested	60.702082	-39.366053	-15.502311
B18	Forest	Severely deforested	60.702082	-39.36509	-15.499895
B19	Cabruca	Severely deforested	18.524418	-39.05936	-15.736234
B19	Forest	Severely deforested	18.524418	-39.060274	-15.731892
B20	Cabruca	Severely deforested	29.290713	-39.105631	-15.848765
B20	Forest	Severely deforested	29.290713	-39.110264	-15.845867
B21	Cabruca	Severely deforested	12.992108	-39.367736	-15.877798
B21	Forest	Severely deforested	12.992108	-39.365572	-15.873984
B7	Cabruca	Severely deforested	8.489847	-39.418548	-15.857993
B7	Forest	Severely deforested	8.489847	-39.416355	-15.855653
B9	Cabruca	Severely deforested	48.454309	-39.522101	-15.860159
B9	Forest	Severely deforested	48.454309	-39.523769	-15.859274
I10	Cabruca	Moderately forested	78.020445	-39.0951	-14.620779
I10	Forest	Moderately forested	78.020445	-39.097511	-14.622858
I11	Cabruca	Moderately forested	9.150214	-39.260454	-14.680981
I11	Forest	Moderately forested	9.150214	-39.259719	-14.68211
I12	Cabruca	Moderately forested	17.368367	-39.209393	-14.674411
I12	Forest	Moderately forested	17.368367	-39.210186	-14.680465
I13	Cabruca	Moderately forested	37.847934	-39.272998	-14.540616
I13	Forest	Moderately forested	37.847934	-39.268568	-14.543048
I14	Cabruca	Moderately forested	36.455289	-39.193279	-14.753158
I14	Forest	Moderately forested	36.455289	-39.191644	-14.75169
I15	Cabruca	Moderately forested	57.205038	-39.058945	-14.502768
I15	Forest	Moderately forested	57.205038	-39.062584	-14.50154
I16	Cabruca	Moderately forested	65.763599	-39.039892	-14.438841
I16	Forest	Moderately forested	65.763599	-39.038531	-14.43997
I17	Cabruca	Moderately forested	59.194917	-39.213371	-14.83192
I17	Forest	Moderately forested	59.194917	-39.213314	-14.830204
I4	Cabruca	Moderately forested	28.601577	-39.223316	-14.652442
I4	Forest	Moderately forested	28.601577	-39.222626	-14.650248
I8	Cabruca	Moderately forested	58.331676	-39.137854	-14.73368
I8	Forest	Moderately forested	58.331676	-39.136325	-14.73427
U1	Cabruca	Highly forested	36.134972	-39.055772	-15.338958
U1	Forest	Highly forested	36.134972	-39.05473	-15.331624
U11	Cabruca	Highly forested	48.063462	-39.252643	-15.19746
U11	Forest	Highly forested	48.063462	-39.255488	-15.19947
U12	Cabruca	Highly forested	55.742381	-39.26394	-15.129312
U12	Forest	Highly forested	55.742381	-39.265258	-15.130132
U13	Cabruca	Highly forested	23.244655	-39.418554	-15.252386
U13	Forest	Highly forested	23.244655	-39.418125	-15.250077
U14	Cabruca	Highly forested	82.018878	-39.286843	-15.128317
U14	Forest	Highly forested	82.018878	-39.28586	-15.133451
U15	Cabruca	Highly forested	58.696707	-39.265969	-15.363532

U15	Forest	Highly forested	58.696707	-39.26831	-15.363007
U16	Cabruca	Highly forested	27.863664	-39.18911	-15.200112
U16	Forest	Highly forested	27.863664	-39.187931	-15.204155
U17	Cabruca	Highly forested	46.282872	-39.358354	-15.30702
U17	Forest	Highly forested	46.282872	-39.350927	-15.305064
U3	Cabruca	Highly forested	53.411036	-39.267703	-15.187916
U3	Forest	Highly forested	53.411036	-39.267966	-15.183038
U7	Cabruca	Highly forested	64.249897	-39.203697	-15.183466
U7	Forest	Highly forested	64.249897	-39.202334	-15.180517

Appendix 2. Abundance of Mutillidae and Pompilidae in 30 cocoa agroforestry sites (cabruca) and 30 Atlantic Forest remnant sites (forest) in southern Bahia, Brazil.

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Landscape	I10	I10	I11	I11	I12	I12	I13	I13	I14	I14	I15	I15	I16	I16	I17	I17	I4	I4	I8	I8	
Habitat type	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F	C	F	Total
<i>Darditilla</i> sp.																					0
<i>Ephuta</i> sp.1																					0
<i>Ephuta</i> sp.2							1														1
<i>Ephuta</i> sp.3																					0
<i>Ephuta</i> sp.4																					0
<i>Ephuta</i> sp.5																					0
<i>Ephuta</i> sp.6																					0
<i>Ephuta</i> sp.7								1													1
<i>Lophomutilla</i> sp.				1																	1
<i>Pseudomethoca</i> s.l. sp.1																					0
<i>Pseudomethoca</i> s.l. sp.2															1						1
<i>Sphaerophthalma</i> s.l. sp.																					0
<i>Timulla</i> sp.					1		1						1								3

[illegible]

[illegible]

[illegible]