

SUPPLEMENTARY MATERIAL

Ant diversity patterns along Cerrado savanna remnants in Central-West Brazil

A. N. Costa^{a,b*}, R. M. Macedo^a, J. Vaz-Silva^{a,b}, K. M. Alves^b, R. Pacheco^c, E. H. M. Vieira-Neto^d, F. M. Mundim^d

^aUniversidade Federal de Uberlândia, Instituto de Biologia, Uberlândia, MG, Brasil.

^bUniversidade Federal de Catalão, Instituto de Biotecnologia, Catalão, GO, Brasil.

^cEkos Planejamento Ambiental, Uberlândia, Minas Gerais, Brasil.

^dUtah State University, Department of Biology, Logan, UT, USA.

*Corresponding author. E-mail: alan.costa@ufu.br

Table S1 List of locations where ant diversity sampling was carried out in the states of Mato Grosso (MT) and Goiás (GO), Brazil

Locations	Remnant (area)	Transect	Coordinates (°S/°W)	Vegetation
Santo Antônio do Leverger - MT	1 (76 ha)	1	15.725194/55.766639	savanna
		2	15.730194/55.768694	savanna
	2 (65 ha)	3	15.734833/55.776361	savanna
	3 (70 ha)	4	15.749417/55.775222	forest
		5	15.757528/55.775861	forest
Poxoréu– MT	4 (57 ha)	6	16.267139/54.160556	forest
	5 (314 ha)	7	16.261611/54.155306	savanna
	6 (290 ha)	8	16.257750/54.147667	forest
		9	16.254278/54.144222	savanna
		10	16.249417/54.144472	savanna
Ribeirãozinho - MT	7 (897 ha)	11	16.473556/52.616222	savanna
		12	16.466479/52.627488	savanna
		13	16.447817/52.635010	savanna
	8 (198 ha)	14	16.470048/52.643933	forest
		15	16.458222/52.642667	savanna
Caiapônia– GO	9 (204 ha)	16	16.932667/51.892278	savanna
		17	16.932722/51.883517	savanna
		18	16.932306/51.874972	savanna
	10 (954 ha)	19	16.932171/51.864832	savanna
		20	16.930835/51.855162	savanna

Table S2 Dissimilarity (Sørensen Index) and turnover (Simpson Index) of the ant assemblages in comparison pair-a-pair between four areas sampled in the states of Mato Grosso and Goiás, Brazil

Areas	Solo			Vegetação			Total		
	Sørensen Index	Simpson Index	%	Sørensen Index	Simpson Index	%	Sørensen Index	Simpson Index	%
A1 x A2	0,417	0,373	89,4	0,375	0,359	95,7	0,360	0,319	88,8
A1 x A3	0,412	0,407	98,8	0,398	0,390	98,0	0,392	0,375	95,7
A1 x A4	0,478	0,464	97,1	0,507	0,438	86,3	0,470	0,417	88,7
A2 x A3	0,422	0,383	90,8	0,506	0,487	96,2	0,401	0,382	95,1
A2 x A4	0,435	0,375	86,2	0,521	0,469	90,0	0,461	0,367	79,5
A3 x A4	0,397	0,375	94,5	0,432	0,344	79,6	0,353	0,267	75,6
Mean ($\pm$ SD)	0.427 (0.028)	0.396 (0.036)	92.8 (4.8)	0.457 (0.063)	0.414 (0.059)	90.8 (7.1)	0.406 (0.050)	0.354 (0.053)	87.3 (8.2)