

SUPPLEMENTARY MATERIAL 1

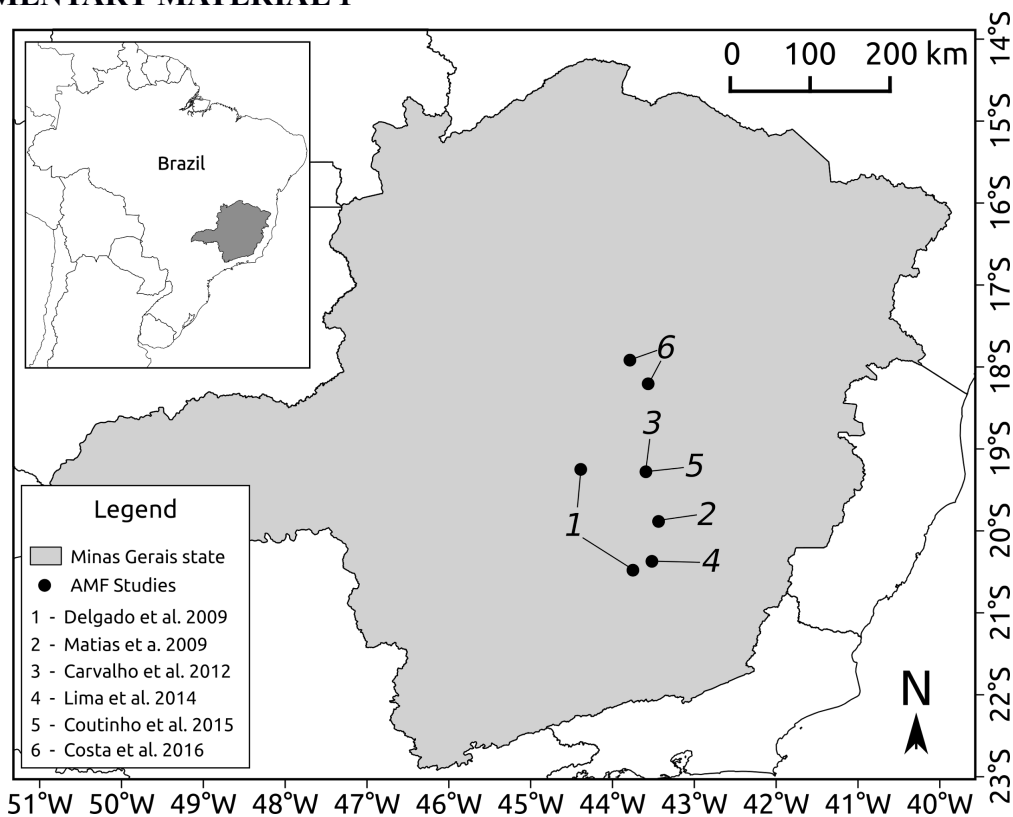


Figure S1: Location of studies with Arbuscular Mycorrhizal Fungi (AMF) in rupestrian grasslands (*campos rupestres*).

¹Delgado, MN; Azevedo, AA; Valente, GE; Kasuya, MCM (2009) Compared morphoanatomy of species of the subtribe Coutoubeinae (Chironieae – Gentianaceae). *Acta Botanica Brasilica*, 23, 956–967.

²Matias, SR; Pagano, MC; Muzzi, FC; Oliveira, CA; Carneiro, AA; Horta, SN; Scotti, MR (2009) Effect of rhizobia, mycorrhizal fungi and phosphate-solubilizing microorganisms in the rhizosphere of native plants used to recover an iron ore area in Brazil. *European Journal of Soil Biology*, 45, 259–266.

³Carvalho, F; de Souza, FA; Carrenho, R; Moreira, FMD; Jesus, ED; Fernandes, GW (2012) The mosaic of habitats in the high-altitude Brazilian rupestrian fields is a hotspot for arbuscular mycorrhizal fungi. *Applied Soil Ecology*, 52, 9–19.

⁴Lima, LL; Kozovits, AR; de Assis, DMA; da Silva, GA; Oehl, F (2014) *Cetraspora auronigra*, a new glomeromycete species from Ouro Preto (Minas Gerais, Brazil) *Sydowia*, 66, 299–308.

⁵Coutinho, ES; Fernandes, GW; Berbara, RLL; Valerio, HM; Goto, BT (2015) Variation of arbuscular mycorrhizal fungal communities along an altitudinal gradient in rupestrian grasslands in Brazil. *Mycorrhiza*, 25, 627–638.

⁶Costa, HAO; Sturmer, SL; Ragonezi, C; Graziotti, PH; Graziotti, DCFS; Silva, ED (2016) Species richness and root colonization of arbuscular mycorrhizal fungi in *Syngonanthus elegans*, an endemic and threatened species from the Cerrado domain in Brazil. *Ciência e Agrotecnologia*, 40, 326–336.

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Table S1: Arbuscular Mycorrhizal Fungi (AMF) density in the nine plant species used for Campo Rupestre restoration: *Baccharis platypoda* (BP), *Collaea cipoensis* (CC), *Dalbergia miscolobium* (DM), *Dasyphyllum reticulatum* (DR), *Eremanthus erythropappus* (EE), *Guazuma ulmifolia* (GU), *Handroanthus ochraceus* (HO), *Mimosa foliolosa* (MF), *Tibouchina heteromalla* (TH) and unplanted soil (Soil).

Família/Espécie	BP	CC	DM	DR	EE	GU	HO	MF	TH	Soil
Acaulosporaceae										
<i>Acaulospora aff. herrera</i>	0	30	0	8	0	0	0	0	0	0
<i>Acaulospora aff. redacta</i>	2	0	0	0	0	0	0	0	0	0
<i>Acaulospora aff. rugosa</i>	7	0	0	0	0	0	0	0	0	0
<i>Acaulospora birreticulata</i>	0	0	0	0	0	0	0	0	3	0
<i>Acaulospora delicata</i>	0	0	0	0	0	0	0	1	0	0
<i>Acaulospora denticulata</i>	0	0	4	0	0	0	0	0	0	4
<i>Acaulospora fulveata</i>	0	0	0	8	0	0	0	0	0	0
<i>Acaulospora mellea</i>	0	58	0	0	0	0	0	0	0	0
<i>Acaulospora morrowiae</i>	89	83	0	16	0	0	0	0	0	0
<i>Acaulospora rehmi</i>	0	0	1	0	147	0	7	25	0	0
<i>Acaulospora scrobiculata</i>	0	0	8	0	96	0	7	0	0	0
<i>Acaulospora sp.1</i>	8	13	0	8	21	0	7	2	0	0
<i>Acaulospora sp.2</i>	0	0	0	0	0	0	0	0	4	0
Ambisporaceae										

<i>Ambispora</i> sp.1	0	0	0	0	0	0	7	10	0	0
Claroideoglomeraceae										
<i>Clareidoglomus claroideum</i>	0	0	0	0	1	0	0	0	0	0
<i>Claroideoglomus etunicatum</i>	2	0	7	0	1	0	15	6	6	17
<i>Claroideoglomus</i> sp.1	0	10	0	0	0	0	0	0	0	0
Dentiscutataceae										
<i>Dentiscutata</i> sp.1	0	0	0	0	0	0	0	2	0	0
Diversisporaceae										
<i>Diversispora</i> sp.1	0	0	0	80	0	0	0	0	0	0
Gigasporaceae										
<i>Gigaspora aff. gigantea</i>	0	0	0	0	4	0	28	6	2	0
<i>Gigaspora decipiens</i>	0	8	0	0	0	0	0	0	0	0
<i>Gigaspora</i> sp.1	6	0	0	0	0	0	0	0	20	0
Glomeraceae										
<i>Funneliformis mosseae</i>	0	32	0	0	0	0	0	0	0	2
<i>Funneliformis</i> sp.1	0	0	0	0	2	0	0	2	20	0
<i>Glomus aff. invermaium</i>	0	8	0	0	0	0	0	0	0	0
<i>Glomus clarum</i>	0	0	5	0	11	0	22	2	0	0
<i>Glomus diaphanum</i>	0	0	0	5	0	0	0	0	0	0
<i>Glomus geosporum</i>	0	0	0	58	30	0	0	8	0	0
<i>Glomus glomerulatum</i>	0	0	0	0	0	16	14	57	0	20

<i>Glomus macrocarpum</i>	291	246	133	299	96	596	207	177	131	86
<i>Glomus microcarpum</i>	0	0	69	0	36	108	68	166	42	0
<i>Glomus</i> sp.1	135	82	3	62	0	0	0	0	13	0
<i>Glomus</i> sp.2	0	0	0	0	0	0	0	27	0	0
<i>Glomus</i> sp.3	0	14	0	0	0	0	0	0	0	0
<i>Glomus</i> sp.4	0	0	1	0	0	0	0	0	0	0
<i>Glomus</i> sp.5	0	0	0	0	0	0	0	4	0	0
<i>Glomus</i> sp.6	0	0	1	0	0	0	0	0	0	0
<i>Glomus</i> sp.7	0	0	0	0	122	231	38	0	0	0
<i>Glomus spinuliferum</i>	0	0	0	0	0	0	7	0	0	0
<i>Glomus tortuosum</i>	0	0	5	0	3	0	9	39	4	0
<i>Glomus trufemii</i>	55	58	0	8	0	0	0	8	0	0
<i>Semiglomus</i> sp.1	3	0	0	0	2	0	0	0	0	0
<i>Septoglomus constrictum</i>	11	0	0	0	0	0	0	2	0	2
Intraortosporaceae										
<i>Intraortospora ornamentada</i>	23	6	0	6	0	2	0	0	0	0
Pacisporaceae										
<i>Pacispora</i> sp.1	0	0	0	0	0	0	6	5	6	0
Paraglomeraceae										
<i>Paraglomus brasilianum</i>	0	0	0	0	0	0	0	0	5	0
<i>Paraglomus occultum</i>	0	0	0	0	4	0	0	2	0	0

Racocetraceae										
<i>Racocetra intraornata</i>	0	0	0	0	0	0	20	0	0	0
<i>Racocetra</i> sp.1	5	8	0	0	0	0	0	0	0	0
<i>Racocetra tropicana</i>	6	5	0	0	0	0	0	0	0	0
Scutellosporaceae										
<i>Orbispora pernambucana</i>	0	34	0	10	0	0	0	0	0	0
<i>Orbispora</i> sp.1	0	0	0	0	7	0	0	0	0	0
<i>Scutellospora</i> sp.1	4	0	0	12	0	0	0	0	0	4
Total density	160	67	81	52	403	23	99	438	126	149
Total richness	15	15	11	11	16	5	14	20	12	7