

Supplementary material

A wildfire in an Amazonian *canga* community maintained important ecosystem properties

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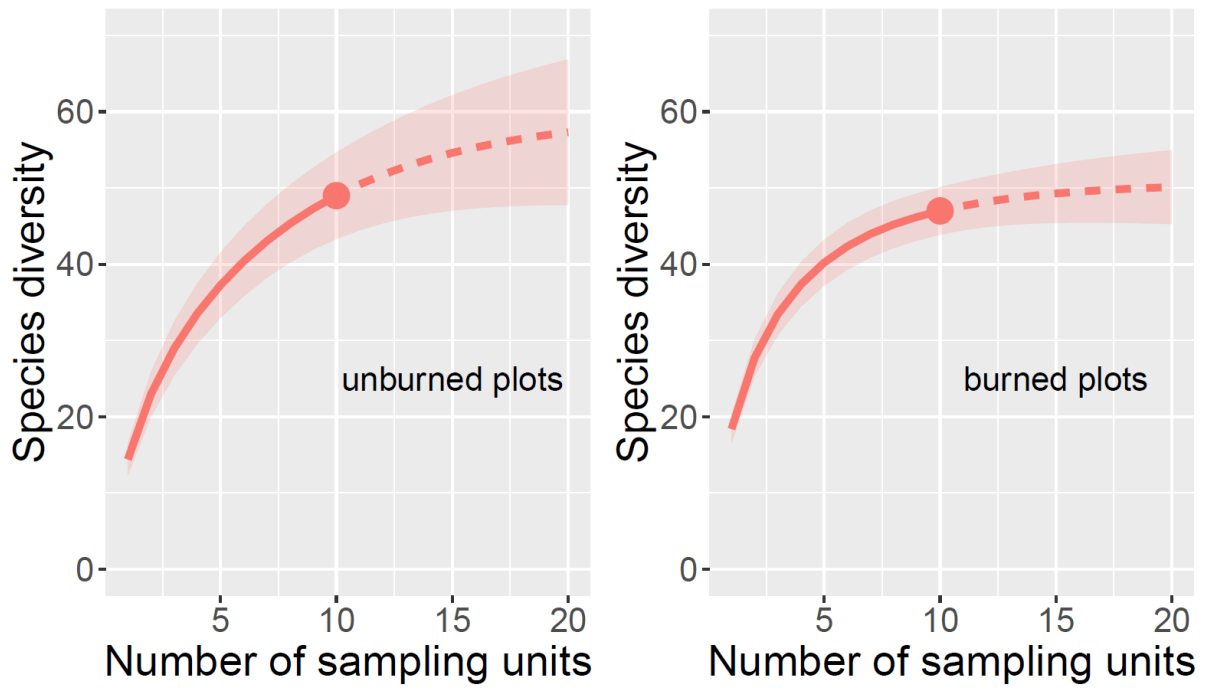


Figure S1. Species accumulation curve of burned and unburned plots from the *canga* body N1, Carajás National Forest, Eastern Amazon, Brazil.

Table S1. Species and their functional characterization from burned and unburned *canga* plots, Carajás National Forest, Eastern Amazon, Brazil. GEO is geophyte, HEM is hemocryptophyte, CHA is chamaephyte, PHA is phanerophyte and THE is therophyte.

Family/Species	Life Form	Growth Form	Pollination syndrome	Dispersal syndrome
Apocynaceae				
<i>Hemipogon sprucei</i> E. Fourn.	GEO	Subshrub	entomophily	anemochorous
<i>Mandevilla scabra</i> Hoffmanns.	HEM	Liana	entomophily/ ornithophily	anemochorous
<i>Mandevilla tenuifolia</i> (J.C. Mikan) Woodson.	GEO	Subshrub	entomophily	anemochorous
Asteraceae				
<i>Aspilia attenuata</i> Gardn.	CHA	Shrub	entomophily	anemochorous
<i>Lepidaploa arenaria</i> (Mart. ex DC.) H. Rob.	PHA	Shrub	entomophily	anemochorous
Araceae				
<i>Anthurium lindmanianum</i> Engl.	HEM	Herbaceous	entomophily	zoochorous
Bignoniaceae				
<i>Anemopaegma carajasense</i> Gentry.	PHA	Shrub	entomophily/ornitho phily	anemochorous
Bromeliaceae				
<i>Dyckia duckei</i> L.B.Sm.	HEM	Herbaceous	ornithophily	autochorous
Convolvulaceae				
<i>Ipomoea carajasensis</i> D.F. Austin.	HEM	Liana	entomophily	autochorous
<i>Ipomoea cavalcantei</i> D.F. Austin.	GEO	Liana	ornithophily	autochorous
Cyperaceae				
<i>Bulbostylis conifera</i> (Kunth) C.B. Clarke.	THE	Herbaceous	anemophily	autochorous
<i>Rhynchospora barbata</i> (Vahl) Kunth.	HEM	Herbaceous	anemophily	autochorous
<i>Rhynchospora sp2</i> (Vahl)	HEM	Herbaceous	anemophily	autochorous
Euphorbiaceae				
<i>Croton subferrugineus</i> Müll. Arg.	PHA	Shrub	entomophily	anemochorous
Eriocaulaceae				
<i>Paepalanthus fasciculoides</i> Hensold, Ann.	THE	Herbaceous	entomophily	autochorous

Erythroxylaceae				
<i>Erythroxylum nelson-rosae</i> Plowman, T.C.	PHA	Shrub	entomophily	zoochorous
Fabaceae				
<i>Bauhinia pulchella</i> Benth.	PHA	Shrub	chiropterophily	autochorous
<i>Chamaecrista flexuosa</i> (L.) Greene.	CAM	Subshrub	entomophily	autochorous
<i>Crotalaria maypurensis</i> Kunth.	THE	Subshrub	entomophily	autochorous
<i>Galactia jussiaeana</i> Kunth.	CAM	Subshrub	entomophily	autochorous
<i>Mimosa acutistipula</i> Barneby.	PHA	Shrub	entomophily	autochorous
<i>Mimosa skinneri</i> Barneby.	THE	Subshrub	entomophily	autochorous
<i>Periandra mediterranea</i> (Vell.)	PHA	Shrub	entomophily	autochorous
Gentianaceae				
<i>Schulthesia benthamiana</i> Klotzch.	THE	Herbaceous	entomophily	autochorous
Lentibulariaceae				
<i>Utricularia physoceras</i> P.Taylor.	THE	Herbaceous	entomophily	hydrochorous
<i>Utricularia sp1</i>	THE	Herbaceous	entomophily	hydrochorous
Lythraceae				
<i>Cuphea carajasensis</i> Lourteig.	PHA	Subshrub	entomophily	autochorous
Malpighiaceae				
<i>Banisteriopsis sp</i> C.B.Rob.	CAM	Shrub	entomophily	anemochorous
<i>Byrsonima chrysophylla</i> Kunth.	PHA	Shrub	entomophily	anemochorous
Marcgraviaceae				
<i>Noranthea guianensis</i> Aubl.	PHA	Shrub	ornithophily	zoochorous
Melastomataceae				
<i>Brasilianthus carajensis</i> Almeda & Michelangeli.	TER	Herbaceous	entomophily	autochorous
<i>Tibouchina edmundoi</i> Brade, Arch.	PHA	Shrub	entomophily	anemochorous
Myrtaceae				
<i>Myrcia sp.</i> D.C.	PHA	Subshrub	entomophily	zoochorous
Ochnaceae				
<i>Sauvagesia tenella</i> Lam., Tabl.	TER	Herbaceous	entomophily	autochorous

Orchidaceae				
<i>Catasetum discolor</i> Lindl.	HEM	Herbaceous	entomophily	anemochorous
<i>Habenaria aff. nuda</i> Lindl.	TER	Herbaceous	entomophily	anemochorous
<i>Sobralia liliastrum</i> Lindl.	HEM	Herbaceous	ornithophily/chiroptrophily	anemochorous
Poaceae				
<i>Axonopus carajasensis</i> M. Bastos.	HEM	Herbaceous	anemophily	autochorous
<i>Axonopus longispicus</i> (Döll) Kuhlm.	HEM	Herbaceous	anemophily	autochorous
<i>Mesosetum filifolium</i> F.T. Hubb.	HEM	Herbaceous	anemophily	autochorous
<i>Paspalum cinerascens</i> (Döll) A. G. Burn.	HEM	Herbaceous	anemophily	autochorous
<i>Paspalum lanciflorum</i> Trin., Sp. Gram.	HEM	Herbaceous	anemophily	autochorous/ anemochorous
<i>Paspalum spissum</i> Swallen.	HEM	Herbaceous	anemophily	autochorous
<i>Sporobolus multiramosus</i> Longhi-Wagner.	TER	Herbaceous	anemophily	autochorous
<i>Trachypogon spicatus</i> (L.f) Kuntze.	HEM	Herbaceous	anemophily	anemochorous/ zoochorous
<i>Trichantheium arctum</i> (Swallen) Zuloaga & Morrone.	TER	Herbaceous	anemophily	autochorous
Phyllanthaceae				
<i>Phyllanthus minutulus</i> Mull.	HEM	Herbaceous	entomophily	zoochorous
Polygalaceae				
<i>Polygala adenophora</i> D.C.	TER	Herbaceous	entomophily	autochorous
Rubiaceae				
<i>Borreria sp1</i> G.Mey.	HEM	Subshrub	entomophily	autochorous
<i>Borreria sp2</i> G.Mey.	HEM	Subshrub	entomophily	anemochorous
<i>Borreria sp3</i> G.Mey.	HEM	Subshrub	entomophily	anemochorous
<i>Cordia myrciifolia</i> C. H. Perss & Delprete.	FAN	Shrub	entomophily	anemochorous
<i>Perama carajensis</i> J. H. Kirkbr.	THE	Herbaceous	entomophily	autochorous
Turneraceae				
<i>Turnera glaziovii</i> Urb., Jahrb. Konigl.	CAM	Shrub	entomophily	autochorous
<i>Turnera melochioides</i> Cambess.	CAM	Shrub	entomophily	autochorous

Velloziaceae

Vellozia glauca Pohl. CAM Herbaceous entomophily autochorous

Vitaceae

Cissus erosa Richard. HEM Liana entomophily zoochorous

Vochysiaceae

Callisthene microphylla Warm. PHA Shrub entomophily autochorous
