

Supplementary information

S1. Identified vertebrate species detected along transect lines, directly killed by the 2020's wildfire in the Brazilian portion of Pantanal wetland. Groups refer to small (S) and medium to large (L) bodied vertebrates.

Group	Sub-group	Identified species
S	Amphibians	<i>Leptodactylus luctator</i>
		<i>Leptodactylus macrosternum</i>
		<i>Pseudis platensis</i>
		<i>Rhinella diptycha</i>
		<i>Scinax acuminatus</i>
	Small snakes	<i>Chironius dixoni</i>
		<i>Chironius laurenti</i>
		<i>Helicops boitata</i>
		<i>Helicops leopardinus</i>
		<i>Hydrops caesurus</i>
		<i>Liophis militaris</i>
		<i>Palusophis bifossatus</i>

Pseudoeryx plicatilis

Amerotyphlops sp.

Small lizards

Copeoglossum nigropunctatum

Manciola guaporicola

Ophiodes sp.

Small birds

Chionomesa fimbriata

Columbina talpacoti

Crotophaga ani

Cyanocorax chrysops

Leptotila rufaxilla

Leptotila verreauxi

Picumnus albosquamatus

Procacicus solitarius

Ramphastos toco

Sporophila collaris

Tinamidae

Small marsupials

Cryptonanus chacoensis

Philander canus

Small rodents

Holochilus chacarius

Sylvilagus brasiliensis

L

Large lizards

Dracaena paraguayensis

Iguana iguana

Anacondas

Eunectes notaeus

Chelonians

Chelonoidis carbonarius

Caiman

Caiman yacare

Medium to large birds

Aramides cajaneus

Aramus guarauna

Ciconiidae

Crax fasciolata

Crypturellus undulatus

Ortalis canicollis

Penelope ochrogaster

Armadillos

Dasypus novemcinctus

Euphractus sexcinctus

Anteaters

Tamandua tetradactyla

Primates

Alouatta caraya

Plecturocebus cf. pallescens

	<i>Sapajus cay</i>
Medium to large rodents	<i>Coendou prehensilis</i>
	<i>Dasyprocta azarae</i>
	<i>Hydrochoerus hydrochaeris</i>
Ungulates	<i>Mazama americana</i>
	<i>Tayassu pecari</i>
