

Leader

Philip Precey Wildlife Travel Xavier Muñoz Neblina Forest

A gallery of some of Philip's photos from the holiday can be seen on Wildlife Travel's Flickr site, at https://www.flickr.com/photos/wildlifetravel/sets/72157657734903482

And a short video compilation of some of the trip highlights can be seen on our Youtube channel: https://www.youtube.com/user/WildlifeTravelling

25th August. Sao Paulo: Ibiropuera Park. Our first day in Brazil, and with some of us still bleary eyed after a long overnight flight, we set off into the Sao Paulo traffic. Sao Paulo is apparently home to 7 million cars, and it certainly felt like we saw a decent percentage of them!

Iberopuera Park is the largest chunk of green space in the city, and is obviously well used by the city people, despite the drizzling rain. Here we met up with Pat and Trish, and our guide for the day Guillermo.

A gentle wander through the park gave us our first introduction to the common birds of Brazil. Rufous-bellied Thrush, Sayaca Tanager, Bananaquit, Greater Kiskadee and both Eared and Ruddy Ground Doves were all in evidence, all to be very familiar species during our trip. On the lake we found Pied-billed Grebe, White-faced Whistling Duck, Common Gallinule and a fishing Green Kingfisher.

Near a playground, a very handsome Blonde-crested Woodpecker put on a show, feeding amongst the many epiphytic plants growing on some of the park trees. We found a roosting Striped Owl, high up in the top of a pine tree. And holding territory amongst the 'shrimp flowers' in the nursery garden was a lovely male Swallow-tailed Hummingbird.

26th August. Campo Grande to Pousada Aguape. After an almost inhuman 5am start, fuelled by airport coffee and *poao de queso*, we took a morning flight from Sao Paulo 2 hours and one time zone west to Campo Grande, where we met up with Fino, our Brazilian guide for the next few days, and headed off south west.

After an hour or so we left the tarmacked road and headed across the *campo*, stopping now and then to check for roadside birds: our first Red-legged Seriema and Greater Rhea, Limpkin and Burrowing Owl, and a pair of White-headed Marsh Tyrants sharing their small pool with a family of Capybara. A couple of Pampas Deer were also seen along the way, and a shy family troop of Hooded Capuchins slipped through the trees.

Fifty three dusty kilometres later, we arrived at Pousada Aguape, an oasis of shade where lunch was waiting for us, as well as two of the iconic Pantanal birds: several Toco Toucans flying back and forth (Philip's 3000th ever bird species) and a spectacular pair of Hyacinth Macaws nesting in a broken palm.

A siesta from the midday heat, and then it was time to head out into the *campo* aboard our opentopped safari truck. Interesting birds included Ferruginous Pygmy Owl (roosting near reception!), Yellow-collared Macaw, Brazilian Teal, Savannah Hawk, Chotoy Spinetail, Rusty-backed Antwren and Barred Antshrike. A family of Coati fed by a small pool, in which a single small Yacare Caiman was living; a Yellow Armadillo bumbled through the grassland; and a couple of Crab-eating Foxes trotted along the path, headed purposefully towards the pousada... But the real star of the afternoon waited until the last minute to put in an appearance when, thanks to Francisco's local knowledge, we finally tracked down a Giant Anteater feeding in the wooded corner of a field. As the light faded, we watched him feeding along the woodland edge, with fire flies started to light up around us. Excellent...

Back at the pousada, five Crab-eating Foxes waited patiently for scraps by the dining room, and a very friendly Yellow Armadillo drank from the bird bath and fed on ground maize.

SOUTHERN PANTANAL











clockwise from top left:

Brazil: The Pantanal and Atlantic Forest species list and trip report, 24th August to 9th September 2015

27th August. Pousada Aguape. After a well-deserved night's sleep, the early alarm call came courtesy of the local Chaco Chachalacas, crowing noisily from their roost in the mango trees.

A pre-breakfast wander gave good views of an excellent variety of parrots: in descending size order, Hyacinth, Blue-and-Yellow and Red-shouldered Macaws, Turquoise-fronted Amazon, Scalyheaded Parrot, Nanday, Yellow-chevroned and Monk Parakeets. A performing troop of Toco Toucans were on show at the bird feeders as we ate breakfast.

The morning was spent messing about in boats: two boats took us down river, through some (at times rather heavy!) rain showers. Four species of kingfisher put in appearances; a pair of Rufous-tailed Jacamar posed on one side of the river while an Amazonian Blue-crowned Motmot was sat on the other; Great Antshrike and Mato Grosso Antbird did their best to stay hidden in the undergrowth, but succumbed to the tape lures; a very smart Cream-coloured Woodpecker showed well at the top of a tree; and monkeys included a troop of Hooded Capuchins and single male and female Black-and-Gold Howler Monkeys.

The afternoon was rained off, leaving us to enjoy the lightning show from under cover: a Yellow Armadillo joined us in seeking shelter from the rain, scurrying around between the dining room and the kitchen.

28th August. Pousada Aguape to Fazenda Sao Francisco. We left Aguape after breakfast, and made our first stop of the day at the fishermen's camp site. A flurry of new birds appeared for us, with Grey-crested Cachalote, White-fronted Woodpecker, Blaze-winged Parakeet, Barefaced Currasow, Green-backed Becard and Red-billed Scythebill all putting on a show.

Continuing the drive out to the tarmac, we soon found a Giant Anteater in a field. We quickly crossed the field in front of him, and the animal designed by a committee continued about his business, seemingly oblivious to our presence, despite the clicking of camera shutters. An amazing experience.

Happy with our lot, we rejoined the tarmacked road and headed westwards, finally arriving at Fazenda Sao Francisco in time for lunch, passing another two Giant Anteaters along the way, as well as a busy pool full of White-faced and Black-bellied Whistling Ducks, Wattled Jacanas, Brazilian Teal an assortment of ibises and a big Southern Screamer.

After (eventually) settling into our rooms, with Hyacinth Macaws and Jabiru nesting nearby, our afternoon excursion was a boat trip on the Sao Domingo branch of the Miranda River. Black-collared Hawk and Cocoi Heron were almost always nearby, hoping to catch an easy meal in the form of a piranha-shaped handout; splashes of colour came in the form of Blue-crowned Trogon, Pale-crested Woodpecker, Ringed and Amazon Kingfishers; a couple of big Yacare Caiman lurked nearby, perhaps also hoping for an easy meal...; and mammal interest came in the form of a lazy male Black-and-Gold Howler dozing the afternoon away and a busy troop of Hooded Capuchins feeding on palm fruits.

Dinner, and then we were out yet again, this time complete with blankets and safety goggles (!!) for a night drive. And what a night drive it was... we started with 'the usual' Yellow Armadillo, Crab-eating Fox and Capybara, soon found a couple of Giant Anteaters (making a total of six for the day!), and then things really took off...

Brazil: The Pantanal and Atlantic Forest species list and trip report, 24th August to 9th September 2015

An Ocelot, the real target species for the evening, bounded across the road in front of us and was picked up in the spotlight working its way rapidly up the bank, giving decent albeit obscured views of this elegant, spotty cat to most of us.

And still on the Ocelot-induced high, just down the same track, a sweep of the spotlight revealed a tall, gingery mammal out in a grassy field. Through the binoculars, instead of the expected Pampas or Marsh Deer, we found ourselves looking at a spectacular Maned Wolf! A totally unexpected bonus down here in the Pantanal, this was the first the Xavier had seen in the Pantanal in eight years of visiting... The wolf stood looking around for a while, before sitting down in the grass, leaving just his ears and the reflection of our light in his eyes showing through the grass.

Amazing.

The rest of the night drive went in a bit of a blur, although numerous Common Pauraques and a couple of impressive Scissor-tailed Nightjars put on a show, flying up off the track in front of us. And a small group of Brazilian Guinea-pigs were feeding around a corner, on the side of the track.

29th August. Fazenda Sao Francisco to Campo Grande. Our morning drive took us along the banks of the rice fields of Fazenda Sao Francisco, where hundreds of Bare-faced Ibis fed alongside many other wetland birds, including Southern Screamer, Muscovy Duck, various other herons and ibises, and some migrant Pectoral Sandpipers and Lesser Yellowlegs, freshly arrived from their breeding grounds in Canada. Marsh Deer were grazing in the fields, a flock of redbreasted White-browed Blackbirds were seen, and a pair of Burrowing Owls perched on some rusting old farm machinery.

At the end of a long drive back to Campo Grande, we took a walk through some farmland on the edge of the city, with Curl-crested Jay, Yellow-faced Parrot, a Purple-throated Euphonia and a hawking Aplomado Falcon among the new species. A pair of macaws at a nesting tree were confusingly colourful hybrids, Blue-and-Yellow X Red-and-Green, while the trees around the pool were home to a big Cattle Egret roost. As the birds came in to roost, the Black-crowned Night Herons left, and so did we, to our hotel near the airport and a dinner of more meat than anyone could dream of at a local churrasceria.

30th August. Campo Grande to Cuiaba. A morning flight took us from Campo Grande to the bigger city of Cuiaba, from where we headed south to Pocone, the gateway to the Transpantaneiria (complete with a photo opportunity gateway).

Our first taste of the Transpantaneira was the feeding frenzy of egrets, caiman and Large-billed Terns at one of the bridges, with a pool full of catfish trapped in the receding flood waters.

We finally made our way to Pousada Piuval, our home for the evening, where White-eyed and Yellow-chevroned Parakeets fed in a mango tree as we (briefly) settled in. Our afternoon excursion was, bizarrely, by tractor-drawn trailer, through the flooded fields (home to the spectacularly unspectacular Yellowish Pipit) to a caiman-filled oxbow lake.

At dinner, House Geckos ran across the walls and a couple of Lesser Snout-nosed Tree Frogs tried to get into the dining room via the windows.

31st **August. Piuval to Porto Jofre.** A pre-breakfast wander along the entrance track gave us close views of a feeding Jabiru, with Hyacinth Macaws flying past and a troop of Bearded Capuchins running across the paddock in the distance.

Our morning drive took us to a canopy tower, giving us great views out over the marshland, with a huge Wood Stork colony visible in the distance. Nearby, a family troop of Black-and-Gold Howler Monkeys dozed the morning away in the tree tops, with Green Junglerunner and Black Tegu scuttling through the undergrowth.

From Piuval we drove south along the hot and dusty Transpantaneira, via an unscheduled, extended stop by the Pixaim River as we swapped buses (while a Solitary Cacique battled it out with a gaggle of Purplish Jays over ownership of some oranges).

With the bus problem sorted, we set off again and finally arrived at Porto Jofre after dusk had fallen, arriving along a rough dirt track at the decidedly rustic Pousada Jofre in the dark.

1st September. Porto Jofre. Everything looks a lot better in the daylight and after a good night's sleep, and so it was with Porto Jofre. Black-faced Nunbird and Bearded Capuchin entertained some outside the rooms, and the coffee set everybody up for a memorable day on the river.

The morning was spent scouring the river banks, in vain, for any sign of the area's star attractions. With the sun beating down, and just Yellow-billed Terns, Black Skimmers and a handful of Capybara to show for our efforts, we took a well-earned air-conditioned break for lunch in a house boat.

The afternoon was somewhat different...

Not long after lunch, Linda's well-timed shout of 'otters!' drew our attention to a family of Giant Otter lazing on the river bank. They were all soon back in the water and yelling at the motorised intruders into their territory.

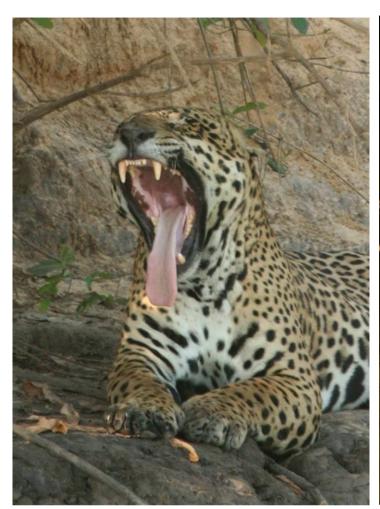
And not long after, having started to head back toward the 'three brothers' section of river, a call over the radio had us speeding right back to where we started, and there on the river bank was the best of beasts and the undisputed star of the show, a big thick-set male Jaguar.

2nd September. Porto Jofre to Pousa Alegre. Our early morning return to the boat was destined to be a repeat of yesterday's, and we returned from the river empty handed.

The drive back along the Transpantaniera was also similar to our drive down, being primarily hot, long and dusty, with surprisingly little to entice us to stop.

Our one decent stop, at a grove of mango trees rather prosaically known as 'the shade' proved to be a very good one. Amazingly, all five species of kingfisher put in appearances, with 'the usual' Ringed, Amazon and Green joined by a dainty little American Pygmy Kingfisher and, nearby, good views of a Green-and-Rufous Kingfisher.

NORTHERN PANTANAL











clockwise from top left:

Another good sighting came thanks to our driver, who spotted a roosting Great Horned Owl high in one of the mangos.

And in the derelict building, alongside several very large wild bee nests, we also found a large roost of Common Long-tongued Bats.

Back on the banks of the Rio Pixaim for a late lunch, where the Solitary Cacique was still fighting with Purplish Jays, and where the Yellow-billed Cardinals were still swarming the bird feeders.

We finally arrive at Pouso Alegre, our home for the night, where after checking into our rooms and taking advantage of the cold showers, we quickly headed out to a nearby water hole to play a waiting game. A game which more than paid off.

Despite there being a plethora of small water pools in the area, for some reason this one had a magnetic draw on the local wildlife, with a steady procession of birds and beasts coming down to take the waters.

A Sunbittern and several Grey-necked Wood Rails were in residence, while visitors came in the form of several Undulated Tinamou; a shocked-looking Collared Forest Falcon; a young male Brown Brocket Deer, a mother Giant Anteater carrying a small youngster on her back!; a family group of around 20 very noisy Coati; and finally, under cover of darkness, two Lowland Tapirs... the last of our 'Big Five', and a more-than-worthy finale to the day.

Except, we weren't quite finished... after dinner, a third Tapir came ambling through the garden at the pousada, giving everyone a second bite at the Big Five cherry.

3rd September. Pantanal to Cerrado. Our early morning walk took us out the back of the Pousada, across a wetland where the bridges were used as feeding posts by Black-collared Hawk and Snail Kite, with the 'left overs' of plenty of crabs and fish scattered about. Monk Parakeets were nest building in a nearby tree, with Wood Stork coming and going to their colony in the distance.

After breakfast we again walked, this time back out to last night's watering hole, now that we knew it was within walking distance...

The afternoon was spent travelling north, leaving the dust of the Transpantaneira behind at Pocone and then to Cuiaba and finally, via a rather torturous cross-city route, onwards to Chapada dos Guimarães, where after driving through the impressive rocky landscapes of the National Park we arrived at Pousada Penhasco just after dark.

4th September. Chapada dos Guimarães. Our morning walk took us through the dry scrub of the *cerrado* in the buffer zone of the national park, where we enjoyed good views of Whiterumped and Shrike-like Tanagers, Black-throated Saltator and Rufous-winged Antshrike, amongst others.

Unfortunately, the rest of our morning plans were disrupted somewhat by the forest fires that had sprung up in the national park, meaning our visit to the waterfalls had to be cancelled, and the area where Blue Finch had previously been present looked like it had also been burned in the last

few months: instead, a nice array of wild flowers had sprung up from the ashes. And a soaring King Vulture over the cliff edge pleased the bird folks.

After a midday siesta, we headed out again to walk through some more shady areas of forest edge, with a particular pair of birds in mind... mannikins, in particular. And eventually one of them did appear for most people, a glowing spot of red in the shady forest, a bright male Band-tailed Mannikin, although he slipped back into the shade just as quickly as he'd arrived. More colour came in the form of a trio of Blue-crowned Trogons and (at last) some confiding butterflies.

Dinner was that typical Brazilian dish... pizza. Of course.

5th September. Chapada dos Guimarães. After a well earned lie in, we breakfasted at the decadent hour of 7am (!) and then headed out again. We tried several sites for the near-mythical Helmeted Mannikin and Blue Finch, but unfortunately it just wasn't to be, and neither of these colourful local specialities appeared for us.

However, we still enjoyed the walks along the forest edge, where the bewildering variety of trees and other plants was nearly mind blowing.

Trying to find a view out over the crater-like national park, we found ourselves being led across some farmland by a couple of local kids (seeing our only Sooty-fronted Spinetail and Eastern Syristes along the way) before finally getting a view of the famous cliffs, through the haze, with a pair of Red-and-Green Macaws roosting at their cave in the distance.

Lunch was back at the local cafeteria in town, before packing up back at the hotel and heading off to the bright lights of Cuiaba...

6th September. Cuiaba to Santuário do Caraça. After a short night's sleep for some and coverage of the US Open for others, an almost unimaginably early start had us airport hopping from Cuiaba to Sao Paulo and then up to Belo Horizonte, from where we travelled along the Estrada Real, a great gouge carved out of the red earth in preparation for a major new motorway.

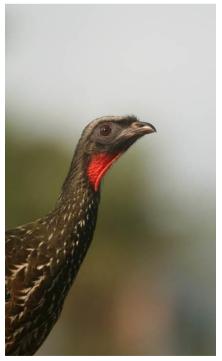
Turning off the lorry-clogged road, we began to climb and eventually arrived at the cool forested sanctuary of Caraça. A very different landscape and a very different experience to the rest of the trip, we joined the crowds of Brazilian holidaymakers enjoying their long Independence Day weekend at the former monastery: meals were to be noisy affairs in the communal refectory.

After being fed and watered and settled into our surprisingly un-cell-like rooms, and having a moment to catch our breath, we headed in the bus back down the hill some way, to an area of open farmland. Cooler temperatures were much more to the liking both of us and of the birdlife, and new birds came thick and fast. Surucua Trogon, White-shouldered Fire-Eye, Grey-headed Tody-Flycatcher, Masked Water Tyrant, four beautiful Blue-winged Macaws, Long-tailed Tyrant and a string of new tanagers: Brazilian, Hooded, Orange-headed and Golden-chevroned Tanager all put in an appearance.

The finale for the day (and surely one of the jaw dropping highlights of the whole Brazilian adventure) came in the bizarre form of the nightly feeding of the Lobo Guara, the Maned Wolf who arrived on the small terrace on cue and crunched his haughty, long-legged way through a plate full of chicken bones just a few feet away from a crowd of delighted onlookers.

SANTUÁRIO DO CARAÇA









Top: Maned Wolf

7th September. Santuário do Caraça. Our last day 'in the field', and a pretty great one really... For the early risers, we started with a pre-breakfast wander along the road down from the santuario. A Masked Water Tyrant sat by the small pool, while Xavier's mp3 conjuring tricks brought in a pair of Blackish Rail from the reeds. Dusky-legged Guan were a common and noisy bird in the area, and a Crab-eating Fox was nice to see as he wandered across through the playground.

But best of all, up the top of some tall roadside trees we found a quartet of beautiful Swallow-tailed Cotingas, the male with a lovely glossy black cap and yellow chin to offset his mottle olive back and tiger striped belly. And, of course, that tail. One of the real stars of the Atlantic Forest.

After the cook-it-yourself breakfast experience, our morning excursion was a walk along the 'trailha do Lobo-Guara', literally following in the footsteps of a Maned Wolf. The vegetation was an interesting mixture of moist forest, with tree ferns and bromeliads, and drier, almost heath-like scrub, with plenty of interesting flowers. Singing from the 'heath' we found a pair of the rare and range-restricted Pale-throated Pampa Finch, along with a Brown Leaf Lizard and fly-passes from various flycatchers, swallows and more hummingbirds than we were used to seeing. In the woodland on the way out, some Black-horned Capuchins moved quickly and distantly through the trees.

After a rest at a very photogenic and (considering the crowds back at the Santuario), wonderfully deserted waterfall, we made our way back down through the woodland, where yet more monkeys appared in the form of a very confiding family of Black-fronted Titi. They soon got used to our trigger-happy presence, and eventually posed for photos, with a mother with a very curious baby on her back being particularly photogenic: riding on the back of a Titi monkey looks like a very comfortable place to be.

Another busy refectory lunch, and then we were back out on the trails. This time, Xavier's box of tricks revealed yet another of the stars of the forest: a small part of Blue Manakin, glowing electric blue and bright red in the shady trees.

With heavy skies, we did some roadside birding overlooking a grove of Silver Cecropia trees, where we struck lucky with another termite hatch, resulting in another stream of new birds: Shear-tailed Grey Tyrants and a Chestnut-crowned Becard were flycatching from the treetops, while a multitude of tanagers included Rufous-headed, Chestnut-headed, Golden-chevroned, Giltedged and numerous Swallow Tanagers. Nearby, another family group of Black-fronted Titi huddled together near the roadside, before the skies finally opened, and we retreated to the bus and headed back to the Santuario through the torrents.

Dusk fell, and we were treated to another visitation by the Maned Wolf, who entertained us both before dinner and again after, looking much more relaxed tonight with a smaller crowd of admiring onlookers. A more than suitable end to a wildlife-crammed Brazil trip.

8th September. One last early start, with the rain set in, we made our way through some at times worryingly slow traffic, back to Belo Horizonte and away to our various airports...

			1	1		1	1			1	1	1				- 1	_
	ENGLISH NAME	LATIN NAME	25 th	26th	27 th	28th	29th	30th	$31^{\rm st}$	1st	2nd	3rd	4 th	5th	eth	₩.	8th
	MAMMALS							. ,	. ,				•				
	Order Pilosa (Anteaters)																
	Giant Anteater	Myrmecophaga tridactyla		Χ		Χ					Χ						
	Widely distributed f	from Guatemala down to Paraguay and no	rthe	rn A	rgen	tina.	Cor	nside	red	`Vul	nera	ble'	by tl	ne IU	JCN	red	list.
	Order Cingulata (Armadillos	5)															
	Yellow (Six-banded) Armadillo	Euphractes sexcinctus		Χ	Χ	Χ											
	Order Chiroptera (Bats)																
	Lesser Bulldog Bat	Noctilio albiventris								Χ							
	Pallas's Long-tongued Bat	Glossophaga soricinat									Χ						
	Order Rodentia (Rodents)																
	Azara's Agouti	Dasyprocta azarae			Х	Х						Х					
	Capybara	Hydrochaeris hydrochaeris		Х	Х	-	Х	Χ	Χ	Х	Х	Х					
	Brazilian Guinea-pig	Cavia aperea				Х											
	Guianan Squirrel	Sciurus aestuans														X	
	Order Lagomorpha (Rabbits					V											
	Brazilian Rabbit or Tapeti	Sylvilagus brasiliensis				Х											
	Order Ungulata (Ungulates)		Twe		mo t	o th	0 14/5	torir	a b	مام ہ	o+ Do		Aloc	10.0	n On	1	+b
	Brazilian (Lowland) Tapir	Tapirus terrestris												gre or uring			
								-						J		J	
	, ,	oir, of northern Colombia and Central Ame	erica)) lan	d m	amn	nal ii	n So	uth	Ame	erica	. Cor	nside	ered	`Vul	nera	ble'
	by the IUCN red list. Collared Peccary	Pecari tajacu	1	Х							1						
	Feral Pig	Sus scrofa		Х													
	Marsh Deer	Blastocerus dichotomus		-			Х		Χ		Х						
		erica, now confined to just a handful of are	। eas i	l n Br	ı azil,	l Arge		ı na, P		ı Juay		ı livia	l and	Peru	 .	Į	
	Considered 'Vulnerable' by the IUCN re	d list, and declining.								, ,							
	Pampas Deer	Ozotocerus bezoarticus		Х	Х	Х											
	Grey Brocket	Mazama gouazoubira									Χ	Χ					
	Order Primates (Apes & Mo					V											
	Hooded Capuchin	Sapajus cay nd the following two species were formerly		X	X	X to b		hone	ocion	 	 		, vida	CDEC	-d -	_ 	00
	Brown or Tufted Capuchin.	nd the following two species were formerly	y all	uiot	agric	to D	ie su	inshe	cies	5 01 (a SIII	igie i	wide	Spied	au S	peci	25,
	Bearded Capuchin	Sapajus libidinosus							Χ	Χ							
	Also known as Black-striped Capuchin.	Endemic to Brazil.				-	-										
	Black-horned Capuchin	Sapajus nigritus														Х	
	· ·	ic to the Atlantic Forest of Brazil and N Arg	jenti	na. (ed 'N	lear		eate		by t	he I	UCN	red	list	
	Black-and-gold Howler	Alouatta caraya	<u> </u>		Х	Χ			X		Х						
	Black-fronted Titi	Callicebus nigrifrons	<u> </u>	١.		ļ	ļ	_		١.	ļ					Х	
		n east Brazil. Considered 'Near Threatened'	and	dec	reas	ing	by ti	าе IU	JCN	red	list			_			
	Order Carnivora: Family Mu		Δ				- il			.l	Ci-	L - D		Dev		· 6	
	Giant Otter	Pteronura brasiliensis			noisy emb		niiy į	oarty	on	tne	Cuia	вра к	liver	, Por	το υ	orre	on
		mazon, Orinoco and Parana basins and the		•			dere	d 'En	dan	gere	ed' a	nd d	ecre	asinç	g by	the	
	IUCN red list.	(5															
	Order Carnivora: Family Car			V	V	V	V	V	V							V	
	Crab-eating Fox Maned Wolf	Chrysograp brochwarus		Х	Х	X	Х	Х	Х		-				v	X	
		Chrysocyon brachyurus Brazil, Bolivia, Paraguay and northern Arge	 ontir		 -		 no		ione	 		 	1160		^ . c	^	.+I
	considered 'Near Threatened' by the IL	JCN red list.	enui	ıa, v	VILII	SIIIdi	п ро	pulai	JOHS) III I	Peru	anu	Uru	guay	/. Ct	irren	uy
	Order Carnivora: Family Fel																
	Jaguar	Panthera onca												to Jo	fre (on 1	st
	Ocolot	Folic pardalic	Sep	tem	ber v		one	of th	ne h	ighli	ghts I	of t	he tı	ip.			
	Ocelot Order Carnivera, Family Pro	Felis pardalis				Χ											
	Order Carnivora: Family Pro South American Coati	Nasua nasua		У	Χ	Υ	Χ	Χ	Χ		Χ	Χ					
1	South American Codu	riasaa riasaa	1	l^\	l^\	^	^	^	^	Ì			1	ı l			

HERPTILES															
Frogs and Toads															
Rococo Toad	Rhinella schneideri			Χ											
Lesser Sharp-snouted Tree Frog	Scinax nasicus						Χ		Χ						
Crocodilians															
Yacaré Caiman	Caiman yacare		Χ		Х	Χ	Χ	Χ	Х	Χ	Χ				
Lizards															
Green Iguana	Iguana iguana								Х	Х					
Black Tegu	Tupinambis merianae					Χ		Χ	Х	Х	Χ				
	Tropidurus torquatus	The	e ,co	llare	d liz	ard'	on t	he t	rees	at F	ous	ada I	Piuva	al, 3	1st
	Tropidurus guarani	The	e ,co	llare	d liz	ard'	on t	he v	valls	at F	ous	ada /	4gua	ре	
	Tropidurus hispidus	The	e 'co	llare	d liz	ard'	at th	ne w	ate	fall,	San	tuari	o do	Car	ac
	Enyalius bilineatus			all b					ht a	long	the	`mar	ned	wolf	tra
Green Junglerunner	Ameiva ameiva					Χ		Χ							
Asian House Gecko	Hemidactylus mabouia						Χ							Χ	
Snakes															
Yellow-striped Sipo	Chironius flavolineatus	The	e sna	ake a	t Sa	ntai	rio d	o Ca	raca	a on	7 th :	feed	s on	tree	fı









Herptiles of Brazil: clockwise from top left.

Lesser Sharp-snouted Tree Frog, Black Tegu, Yacare Caiman and *Tropidurus guarani*

ENGLISH NAME	LATIN NAME	£	25°	27 th	28 th	29 th	30th	31st	1st	2nd	3rd	4 th	2th	eth	7 th	8th
BIRDS																
Rheidae (Rheas)																
Greater Rhea	Rhea americana		Х	Χ	Χ	Χ	Χ	Χ		Χ	Χ		Χ			
Tinamidae (Tinamous)																
Undulated Tinamou	Crypturellus undulates		Н	Н	Н		Н	Н		Х						
Red-winged Tinamou	Rhynchotus rufescens					Н							Н			
Podicipedidae (Grebes Pied-billed Grebe		V														
	Podilymbus podiceps	Х														
Phalacrocoridae (Corm Neotropic Cormorant	Phalacrocorax brasilianus		Х	Χ	Υ	Υ	Υ	Υ	Υ	Υ	Χ					
Anhingidae (Darters)	Thatacrocorax Brasilianas		^	^	^	^	^	^	^	^	^					
Anhinga	Anhinga anhinga			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ					
Ardeidae (Herons)	,ga aga			, ,	, ,	, ,	,,	,,	, ,	,,	, ,					
Striated Heron	Butorides striatus			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ					
Black-crowned Night Heron	Nycticorax nycticorax			Х	Х	Х	Χ	Χ		Χ						
Rufescent Tiger Heron	Tigrisoma lineatum		Х	Х	Χ	Χ	Х	Χ	Х	Χ						
Western Cattle Egret	Bubulcus ibis		Х	Х	Х	Χ	Χ	Χ	Χ	Χ	Х	Х	Χ			
Little Blue Heron	Egretta caerulea					Χ	Х	Х	Х	Χ	Х					
Snowy Egret	Egretta thula	Х	Х		Χ	Χ	Χ	Χ	Χ	Χ	Х					
American Great Egret	Casmerodius (albus) egrettus		Х	Х	Χ	Χ		Χ	Х	Χ	Χ		Χ			
Cocoi Heron	Ardea cocoi	Х		Х	Χ	Χ	Х	Χ	Х		Χ					
Capped Heron	Pilherodius pileatus				Χ				Χ		Χ					
Whistling Heron	Syrigma sibilatrix			Χ	Χ		Χ	Χ	Χ	Χ						
Threskiornithidae (Ibis																
Buff-necked Ibis	Theristicus caudatus		Х	Х						Х		Χ			$oxed{oxed}$	<u> </u>
Plumbeous Ibis	Theristicus caerulescens			Х					Χ	Х	Χ				 	
Green Ibis	Mesembrinibis cayennensis				X			X								
Bare-faced Ibis	Phimosus infuscatus				Х	Χ	<u> </u>	X		V	V				\vdash	
Roseate Spoonbill	Ajaia ajaja						Χ	Χ		Χ	Χ					
Ciconiidae (Storks) Wood Stork	Mycteria americana	X	Х	Х			Χ	Χ	Χ	Χ	Χ					
Maguari Stork	Ciconia maguari	^				Х	^	^	^	^	^					
Jabiru	Jabiru mycteria			Х	Х		Χ	Х	Х	Χ						
Anhimidae (Screamers	-				, ,	, ,	, ·	,,	,,							
Southern Screamer	Chauna torquata				Χ	Χ	Χ	Χ	Χ	Χ						
Anatidae (Wildfowl)	,															
Muscovy Duck	Cairina moschata					Χ	Χ	Χ								
White-faced Whistling Duck	Dendrocygna viduata	Х			Χ	Χ										
Black-bellied Whistling Duck	Dendrocygna autumnalis				Х	Х	Х									
Brazilian Teal	Amazonetta brasiliensis		Х	Х	Χ	Χ	Х	Χ								
Cathartidae (New Wor	d Vultures)															
Turkey Vulture	Cathartes aura		Х	Χ		Χ					Χ		Χ	Χ	Χ	
Lesser Yellow-headed Vulture	Cathartes burrovianus			Χ	4						X					
Black Vulture	Coragyps atratus	Х	Х	Χ	Χ	Χ	Х	Х	Χ	Χ	Х			Χ	Χ	
King Vulture	Sarcoramphus papa											Χ	Χ			
Pandionidae (Osprey)																
Osprey	Pandion haliaetus			_	X				Χ							
Accipitridae (Hawks an							V			V	V	V	V			
Swallow-tailed Kite	Elanoides forficatus			-	~		Χ		V	Χ	X		X		$\vdash \vdash$	
Plumbeous Kite Snail Kite	Ictinia plumbea Rosthramus sociabilis		-	-	X	~	X	X	X	Х	X	Х	Χ			<u> </u>
Bicoloured Hawk			+	-	Х	X	^	^	۸	۸	X		-			<u> </u>
picoloured nawk	Accipiter bicolor					۸			1	<u> </u>	۸				لــــا	

ENGLISH NAME	LATIN NAME	25 th	25 26 th	27th	28 th	29 th	30th	31st		S _{nd}	3rd	4 th	2th	6th	ų . ∠
Crane Hawk	Geranospiza caerulescens				Χ				Χ	Χ					
Roadside Hawk	Buteo magnirostris		Х		Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Х
Short-tailed Hawk	Buteo brachyurus	Х													
Harris's Hawk	Parabuteo unicinctus					Χ									
Black-collared Hawk	Busarellus nigricollis				Χ			Χ	Χ	Χ	Χ				
Savanna Hawk	Buteogallus meridionalis		Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ			Χ	
Great Black Hawk	Buteogallus urubitinga							Χ	Χ	Χ	Χ				
Falconidae (Falcons and															
American Kestrel	Falco sparverius		Χ	Χ	Χ	Χ	Χ	Χ			Χ	Χ	Χ	Χ	
Aplomado Falcon	Falco femoralis					Χ									
Bat Falcon	Falco rufigularis		Х	Χ	Χ										
Laughing Falcon	Herpetotheres cachinnans														Н
Collared Forest-Falcon	Micrastur semitorquatus									Χ					
Southern Crested Caracara	Caracara plancus		Х	Х	Х	Χ	Х	Χ	Χ		Χ	Х	Х	Χ	Χ
Yellow-headed Caracara	Milvago chimachima		-												Χ
Cracidae (Guans, Curass	_													^	Λ.
Chacho Chachalaca	Ortalis canicollis		Х	Χ	Χ	Χ	Χ	У	Y	Χ	Χ				
Rusty-margined Guan	Penelope superciliaris		^	^	^	^	^	^	^		^ X		 		
Dusky-legged Guan	Penelope superciliaris Penelope obscura		+	<u> </u>						^	_		<u> </u>		Х
	· ·		V	V	V			V	V	V	V				Χ
Blue-throated Piping Guan	Pipile cumanensis		Х	Χ	X						Χ				
Bare-faced Curassow	Crax fasciolata				Χ			Χ	Χ	Χ					
Aramidae (Limpkin)	<u> </u>						1				1	1	1		
Limpkin	Aramus guarauna		Х		X	Χ	Х	Χ		Χ	Χ				
Rallidae (Rails, Crakes a															
Blackish Rail	Pardirallus nigricans														Х
Grey-necked Wood Rail	Aramides cajanea		Х	Χ		Χ	Х	Х	Χ	Χ	Х				
Slaty-breasted Wood Rail	Aramides saracura													Χ	
Common Gallinule	Gallinula galeata	Х													
Cariamidae (Seriemas)															
Red-legged Seriema	Cariama cristata		Χ	Χ	Χ	Χ		Χ			Χ			Χ	
Eurypygidae (Sunbitterr)														
Sunbittern	Eurypyga helias						Н	Χ		Χ					
Jacanidae (Jacanas)															
Wattled Jacana	Jacana jacana		Χ		Χ	Χ	Χ	Χ	Χ	Χ	Χ				
Recurvirostridae (Stilts	and Avocets)														
White-backed Stilt	Himantopus melanurus						Χ	Χ							
Charadriidae (Plovers ar	nd Lapwings)														
Southern Lapwing	Vanellus chilensis	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Pied Lapwing	Hoploxypterus cayanus								Χ	Χ					
Collared Plover	Charadrius collaris						Χ								
Scolopacidae (Sandpipe	rs, Snipes and Phalaropes)														
Lesser Yellowlegs	Tringa flavipes					Χ	Χ								
Solitary Sandpiper	Tringa solitaria						Х			Χ					
Spotted Sandpiper	Actitis macularius						Х		Х	X					
Pectoral Sandpiper	Calidris melanotos					Х									
	Canaris metanotos					٨									
	Phaetusa simplex						Χ	V	V	V	Χ				
Sternidae (Terns)	i rijaelusa SiiiiDIEX			<u> </u>		<u> </u>	^	Χ			^	ļ	<u> </u>		
Large-billed Tern	-														
Large-billed Tern Yellow-billed Tern	Sternula superciliaris								Χ	Χ					
Large-billed Tern Yellow-billed Tern Rynchopidae (Skimmers	Sternula superciliaris														
Large-billed Tern Yellow-billed Tern Rynchopidae (Skimmers Black Skimmer	Sternula superciliaris Rynchops niger									X					
Large-billed Tern Yellow-billed Tern Rynchopidae (Skimmers	Sternula superciliaris Rynchops niger		X	X			X	X							

ENGLISH NAME	LATIN NAME	t 1													₩.	8 _{th}
Picazuro Pigeon	Patagioenas picazuro	Х	Х			Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Х	
Scaled Dove	Scardafella squammata		Х	Χ	Χ											
Eared Dove	Zenaida auriculata	Х				Χ					X					
Long-tailed Ground Dove	Uropelia campestris				Χ					Χ	Χ					
Picui Ground Dove	Columbina picui		Х	Х	Х	Χ	Χ	Χ		Χ	Χ					
Plain-breasted Ground Dove	Columbina minuta				Х	Χ							Χ			
Ruddy Ground Dove	Columbina talpacoti	Х		Χ	Χ								Χ	Χ	Χ	
White-tipped Dove	Leptotila verreauxi		Х	Х	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ			
Feral Pigeon/Rock Dove	Columba livia	Х	Х		Х	Χ					Χ	Χ	Χ	Χ		
Psittacidae (Parrots)																
Hyacinth Macaw	Anodorhynchus hyacinthinus		Х	Χ	Χ	Χ	Χ	Χ		Χ	Χ					
Blue-and-Yellow Macaw	Ara ararauna			Χ	Χ	Χ		Χ								
Hybrid Macaw (Blue and Yellow X Re	ed and Green)					Χ										
Red-and-Green Macaw	Ara chloropterus											Χ	Χ			
Blue-winged Macaw	Primolius maracana													Χ		
Yellow-collared Macaw	Primolius auricollis		Х		Х	Χ										
Red-shouldered Macaw	Diopsittaca nobilis			Х	Х							Х	Χ			
White-eyed Parakeet	Aratinga leucophthalma						Х							Χ		
Peach-fronted Parakeet	Aratinga aurea			Х	Х	Х							X			
Monk Parakeet	Myiopsitta monachus		-	Х			Х	Х	Х	Х	Х					
Nanday (Black-hooded) Parakeet	Nandayus nenday		Х	Х	Х	Х										
Blaze-winged Parakeet	Pyrrhura devillei			_	X	^										
Yellow-chevroned Parakeet	Brotogeris chiriri			Х	X	Х	Х	Χ		Х						
Plain Parakeet	Brotgeris tirica	X	-	^	^	^	^	^		^						
Scaly-headed Parrot	Pionus maximiliani	^	-	Х	Χ	Χ										
Yellow-faced Parrot	Alipiopsitta xanthops			^	^	X										
Turquoise-fronted Amazon	Amazona aestival	Н	Х	Χ	Χ		Χ	Χ	Х	Χ	Χ					
Cuculidae (Cuckoos)	Alliazona aestivai	11	^	^	^	^	^	^	^	^	^					
Squirrel Cuckoo	Piaya cayana			Χ	Χ				Χ			Χ	Χ		Χ	
Smooth-billed Ani	Crotophaga ani	X	Х	X		Χ	Χ	Χ		X				Χ	Х	
Striped Cuckoo	Tapera naevia	^	^	^	^	^		X	^	Λ	^	^	^	^	^	
Guira Cuckoo	Guira guira		Х	Χ	Χ	Χ		Λ			X	Χ	Χ			
	Guira guira		^	^	^	^	^	^		^	^	^	^			
Strigidae (Owls) Striped Owl	Asio strigator	Х														
Great Horned Owl	*	^								Χ						
	Bubo virginianus nacurutu Glaucidium brasilianum		V	V	V					^ H						
Ferruginous Pygmy Owl			X	Х	X	\ <u>'</u>		Н			V	V	V			
Burrowing Owl	Athene cunicularia		Х		Χ	Χ					Χ	Χ	Χ			
Caprimulgidae (Nightjars						V		V		V				V		
Nacunda Nighthawk	Podager nacunda				\ <u>'</u>	Х		Χ		Х				Х		
Scissor-tailed Nightjar	Hydropsalis torquata				X											
Common Pauraque	Nyctidromus albicollis				Χ			Χ		X	Χ					
Apodidae (Swifts)																
White-collared Swift	Streptoprocne zonaris			Х		<u> </u>						Х	Х	Х	Х	
Neotropical Palm Swift	Tachornis squamata					Χ										
Trochilidae (Hummingbire	Ĩ															
Buff-bellied Hermit	Phaethornis subochraceus									Χ						
Brazilian Ruby				<u> </u>	<u> </u>	<u> </u>									Х	<u> </u>
White-vented Violetear	Colibri serrirostris			<u> </u>							X	Х		Х		
Black-throated Mango	Anthracothorax nigricollis			<u> </u>		Χ										<u> </u>
Amethyst Woodstar	Calliphlox amethystina													Χ		
Fork-tailed Woodnymph	Thalurania furcate												L	Χ	Χ	
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Lluda aba via abu way wa			Χ												
Gilded Sapphire	Hylocharis chyrsura			^												

ENGLISH NAME	LATIN NAME	25th	26 th	27 th	28 th	29 th	30th	31st	1st	2nd	3rd	4 th	2th	e _{th}	
White-throated Hummingbird	Leucochloris albicollis														Χ
Swallow-tailed Hummingbird	Eupetomena macroura	Х			Х									Х	
Trogonidae (Trogons)															
Surucua Trogon	Trogon surrucura								<u> </u>					Х	Н
Blue-crowned Trogon	Trogon curucui				Х			Χ	Х			Χ	Н		
Alcedinidae (Kingfishers															
Ringed Kingfisher	Megaceryle torquata			X							X				_
Amazon Kingfisher	Chloroceryle amazona	V		X					X X		X				<u> </u>
Green Kingfisher	Chloroceryle americana	Х		X	Χ	Χ	Х	Х	Х	X	Χ				<u> </u>
Green-and-rufous Kingfisher	Chlorceryle inda			Λ						X					_
American Pygmy Kingfisher	Chlorceryle aenea									Χ					
Momotidae (Motmots) Amazonian (Blue-crowned) Motmo	t Momotus momota			Χ		Χ						Н			
Galbulidae (Jacamars)															
Rufous-tailed Jacamar	Galbula ruficauda			Х					Х	Χ	Х				
Bucconidae (Puffbirds) White-eared Puffbird	Nuctalus chagues											V			
White-eared Pumbird Chaco Puffbird	Nystalus chacuru				V							Х			
Chaco Pumbird Black-fronted Nunbird	Nystalus striatipectus Monasa nigrifrons			-	Х				Х	Х	-	X			\vdash
	Chelidoptera tenebrosa								^	^		^	Χ		_
Swallow-wing	,												^		
Ramphastidae (Toucans Lettered Araçari	Pteroglossus inscriptus											Χ			
Chestnut-eared Araçari	Pteroglossus inscriptus Pteroglossus castanotis			Х	Χ					Х		^			_
Toco Toucan	Ramphastos toco		Х			Χ	Χ	Y	Y		Χ				H
Picidae (Woodpeckers a	· ·		^	^	^	^	^	^	^	^	^				
White-wedged Piculet	Picumnus albosquamatus					Χ		Н							
Golden-green Woodpecker	Piculus chrysochloros					X									_
Little Woodpecker	Veniliornis passerines		Х	Х		^				Х				Х	
Green-barred Woodpecker	Colaptes melanochloros		<u> </u>	X		Х				_					
Campo Flicker	Colaptes campestris		Х	X	Χ	X					Х	Х			
White-fronted Woodpecker	Melanerpes cactorum			-	Х										
White Woodpecker	Melanerpes candidus		Х	Х	Х						Х				
Cream-coloured Woodpecker	Celeus flavus			Х											
Pale-crested Woodpecker	Celeus lugubris				Χ							Χ			
Blond-crested Woodpecker	Celeus flavescens	Х													
Dendrocolaptidae (Wood	(creepers)														
Olivaceous Woodcreeper	Sittasomus griseicapillus														Χ
Buff-throated Woodcreeper	Xiphorhynchus guttatus											Χ			
Narrow-billed Woodcreeper	Lepidocolaptes angustirostris	Х	Χ	Х	Χ	Χ	Х	Х						Х	
Red-billed Scythebill	Campylorhamphus trochilirostris				Χ	Χ									
Furnariidae (Ovenbirds)															
Pale-legged Hornero	Furnarius leucopus			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ				
Rufous Hornero	Furnarius rufus	Х	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Grey-crested Cacholote	Pseudoseisura unirufa				Χ		Χ			Χ					
Sooty-fronted Spinetail	Synallaxis frontalis												Χ		
Spix's Spinetail	Synallaxis spixi														Χ
White-lored Spinetail	Synallaxis albilora						Χ								
Yellow-chinned Spinetail	Certhiaxis cinnamomeus						Χ	Χ		Χ	Χ			Χ	
Chotoy Spinetail	Schoeniophylax phryganophilus		Χ												
Pallid Spinetail	Cranioleuca pallida	Х													
Rusty-backed Spinetail	Cranioleuca vulpina					Χ									
Rufous-fronted Thornbird	Phacellodomus rufirons		Χ			Χ									Χ
Greater Thornbird	Phacellodomus ruber					Χ									

	ENGLISH NAME	LATIN NAME	25th	26 th	27 th	28 th	29th	30th	31st	1st	2 _{nd}	3rd	4 th	5th	6 th	7 th	8 _{th}
	Henna-capped Foliage-gleaner	Hylocryptus rectirostris			Χ												
	Sharp-tailed Streamcreeper	Lochmias nematura														Χ	
	Thamnophilidae (Antbirds)															
	Great Antshrike	Taraba major			Χ		Χ		Н								
	Barred Antshrike	Thamnophilus doliatus		Х			Χ		Н				Χ				
	Rufous-winged Antshrike	Thamnophilus torquatus											Χ				
	Variable Antshrike	Thamnophilus caerulescens										Χ			Χ	Χ	
	Plain Antvireo	Dysithamns mentalis											Χ				
	Large-billed Antwren	Herpsilochmus longirostris							Χ								
	Rusty-backed Antwren	Formicivora rufa		Х									Χ				
	Mato Grosso Antbird	Cercomacra melanaria			Χ	Н	Χ	Χ	Н								
	White-shouldered Fire-eye	Pyriglena leucoptera													Χ	Χ	
	Rhincoryptidae (Tapaculo:																
	White-breasted Tapaculo	Scytalopus indigoticus														Н	
	Pipridae (Manakins)																
	Band-tailed Manakin	Pipra fasciicauda											Χ				
	Blue Manakin	Chiroxiphia caudate														Χ	
	Cotingidae (Cotingas)																
	Swallow-tailed Cotinga	Phibalura flavirostris														Χ	
	Tityridae (Tityras and Bec																
	Black-tailed Tityra	Tityra cayana			Χ												
	Black-crowned Tityra	Tityra inquisitor				Χ							Χ				<u></u>
	Masked Tityra	Tityra semifasciata				Χ							Χ				
	Green-backed Becard	Pachyramphus viridis				Х									Х		
	Chestnut-crowned Becard	Pachyramphus castaneus														Χ	
	Tyrannidae (Tyrant Flycat																
	Planalto Tyrannulet	Phyllomyias fasciatus				Х											<u></u>
	Yellow-bellied Elaenia	Elaenia flavogaster		Х			Χ										
	White-crested/Small-billed Elaenia	Elaenia albiceps/parvirostris					Χ						Х	Х	Х		
	Lesser Elaenia	Elaenia chiriquensis											Х			Х	L
	Southern Beardless-Tyrannulet	Camptostoma obsoletum										Χ			Х	Х	L
	Bran-coloured Flycatcher	Myiophobus fasciatus														Χ	L
	Pearly-vented Tody-Tyrant	Hemitriccus margaritaceiventer										X					L
	Grey-headed Tody-Flycatcher	Todirostrum poliocephalum								<u> </u>					Х		L
	Common Tody-Flycatcher	Todirostrum cinereum					Х		Χ	Х	Х				Х		L
	Cliff Flycatcher	Hirundinea ferruginea												Х	Х	X	<u> </u>
	Fuscous Flycatcher	Cnemotriccus fuscatus					.,		.,		.,					X	<u> </u>
	Vermilion Flycatcher	Pyrocephalus rubinus		Х	Х	Х	Х	Χ	Χ	<u> </u>	Х				.,	.,	<u> </u>
	Velvety Black-Tyrant	Knipolegus nigerrimus	+		<u> </u>		<u> </u>						V		X	X	<u> </u>
	Crested Black-Tyrant	Knipolegus lophotes	+				V			1			Х		Χ		-
	Yellow-browed Tyrant	Satrapa icterophrys	+	V	1		Х						~				\vdash
	Grey Monjita	Xolmis cinereus	+	X	~	v	V		v	<u> </u>			Х				\vdash
	White-rumped Monjita	Xolmis velatus	+	Х	Х	X	Х	Х	Х	<u> </u>							\vdash
	White Monjita	Xolmis irupero	+		1	Х	1			<u> </u>						Χ	\vdash
	Shear-tailed Grey Tyrant	Muscipipra vetula Fulvicola albiventer	+		1		X		Х	Χ	X					^	\vdash
	Black-backed Water-Tyrant White-headed Marsh-Tyrant	Arundinicola leucophala	+	Х	1	-	^		X	^	X						<u> </u>
Ì	Intilicanca Maisir I Mail	-	+	^	1		1		^	<u> </u>	^				Χ	Χ	\vdash
	Masked Water-Tyrant	Fluvicola nenceta		4	1		1	1	i	i	ì	1		1	^	^	
	Masked Water-Tyrant	Fluvicola nengeta													Υ		
	Long-tailed Tyrant	Colonia colonus		У	У	Y	Y	X	У	Y	X	X	X	X	X		
	Long-tailed Tyrant Cattle Tyrant	Colonia colonus Machetornis rixosa		Х	X	X	X	X	X	Х	Х	X	X	Х	Χ	X	
	Long-tailed Tyrant	Colonia colonus		X		X						X	X	Х		X	

ENGLISH NAME	LATIN NAME	25 th	26 th	27 th	28 th	29 th	30 th	31st	1st	2 nd	3rd	₽	2 th	₽9	,
Tropical Kingbird	Tyrannus melanchlicus					Х	Х	Х	Χ			Х	Х	Х	
Fork-tailed Flycatcher	Tyrannus savana					Х		Χ	Χ	Х	Х			Х	1
Eastern Sirystes	Sirystes sibilator												Χ		
Brown-crested Flycatcher	Myiarchus tyrannulus							Χ		Χ	Χ			Χ	
Hirundinidae (Swallows	and Martins)														
Grey-breasted Martin	Progne chalybea			Χ	Χ							Χ	Χ	Χ	
Brown-chested Martin	Progne tapera			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	
White-winged Swallow	Tachycineta albiventer					Χ	Χ	Χ	Х	Χ	Χ				
White-rumped Swallow	Tachycineta leucorrhoa													Χ	
Blue-and-White Swallow	Notiochelidon cyanoleuca													Χ	
Southern Rough-winged Swallow	Stelgidopteryx ruficollis			Χ					Х	Χ					
Motacillidae (Wagtails ar	nd Pipits)														
Yellowish Pipit	Anthus lutescens						Χ								
Donacobiidae (Donacobii	ıs)														
Black-capped Donacobius	Donacobius atricapilla				Χ	Н	Χ	Χ	Х	Χ	Х				Ī
Troglodytidae (Wrens)															
Southern House Wren	Troglodytes musculus	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ		Χ		Χ	Χ	
Moustached Wren	Thryothorus genibarbis			Н				Χ							
Thrush-like Wren	Campylorhynchus turdinus		Χ		Н	Χ	Χ	Χ	Χ	Χ	Χ	Χ			
Mimidae (Mockingbirds)															
Chalk-browed Mockingbird	Mimus saturninus	Х	Χ	Χ	Χ	Χ	Χ	Χ		Χ	Χ	Χ	Χ	Χ	
White-banded Mockingbird	Mimus triurus		Χ												
Turdidae (Thrushes)	<u></u>														
Rufous-bellied Thrush	Turdus rufiventris	Х	Х		Х	Χ	Χ	Χ	Х					Х	
Pale-breasted Thrush	Turdus leucomelas	Х	Χ	Х				<u> </u>		Χ	Х	Х	Х	Χ	
Creamy-bellied Thrush	Turdus amaruochalinus		Χ	Χ				Χ							
Polioptilidae (Gnatcatche															ı
Masked Gnatcatcher	Polioptila dumicola										Χ				
Corvidae (Crows)															ı
Curl-crested Jay	Cyanocorax cristatellus		ļ.,	<u> </u>		Х		<u> </u>				<u> </u>	<u> </u>	<u> </u>	_
Plush-crested Jay	Cyanocorax chrysops		Х	Х	Х	Х		<u> </u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>	_
Purplish Jay	Cyanocorax cyanomelas		Χ	Χ	Χ		Χ			Χ	Χ	L		Ш	_
Vireonidae (Vireos)		1.4											\ \		Į
Rufous-browed Peppershrike	Cyclarhis gujanensis	Х		Х	Х								X		
Fringillidae (Finches)				1		V			ı		ı				Į
Purple-throated Euphonia	Euphonia chlortica		-			Χ		· ·		-				<u> </u>	_
Violaceous Euphonia	Euphonia violacea		-					Χ				Х		<u> </u>	_
Blue-naped Chlorophonia Hooded Siskin	Chlorphonia cyanea	V	-	-		-		₩		-		₽	-	_	
	Carduelis magellanica	Х												Χ	
Passeridae (Sparrows)	Passer domesticus	lv		1		v				V	V	V	V	V	į
House Sparrow		Х				Χ		حيا		٨	^	Χ	^	Х	J
Passerellidae (American Rufous-collared Sparrow	Sparrows) Zonotrichia capensis	lv											Χ	Χ	
Grassland Sparrow	Ammodramus humeralis	Х	Х	V	X			₩	<u> </u>	-	<u> </u>	₩	_	1	_
Pectoral Sparrow	Arrimouramus numeraiis Arremon taciturnus		^	Х	^	<u> </u>		₩	<u> </u>	-	<u> </u>	Х	₩	₩	-
·												^			J
Parulidae (American War Tropical Parula	Parula pitiayumi	Х											Χ		1
Golden-crowned Warbler	Basileuterus culicivorus	^^		1		1		\vdash	1		1	\vdash	<u> ^</u>	\vdash	_
White-bellied Warbler	Basileuterus hypoleucus		1	<u> </u>		<u> </u>		_	 	1	 	Χ	1	\vdash	_
Flavescent Warbler	Basileuterus flaveolus		1	<u> </u>		<u> </u>		Χ	 	1	 	 ^	1	\vdash	
riavescent warbier	Dasileuterus Haveolus		1	1	1		1	^	1	1	1	1	1	<u> </u>	

ENGLISH NAME	LATIN NAME	25th	25 #36	27 th	28 th	29 th	30th	31st	1st	2nd	3rd	4 th	2th	6 th	₩.
Thraupidae: Cissopini (
White-banded (Shrike-like) Tanag												Х		Щ	L
Magpie Tanager	Cissopis leverianus													Щ	Х
Red-crested Cardinal	Paroaria coronata		Х	Х	Х			Х		Х	<u> </u>			<u> </u>	
Yellow-billed Cardinal	Paroaria capitata		Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ			Щ	L
Thraupidae: Thraupini (V	V	V	V	V	V	V	V	V	V	V	V	V	V
Sayaca Tanager	Thraupis sayaca	X	Х	X		Χ						X	X	X	X
Palm Tanager	Thraupis palmarum			Х	Х		Χ	Χ	Х	Χ	Χ	Χ	Х	X	X
Golden-chevroned Tanager	Thraupis ornata		-							-		Х		Х	X
Burnished-buff Tanager Gilt-edged Tanager	Tangara cayana Tangara cyanoventris		-							-		^		₩	^ X
	· ,														^
Thraupidae: Nemosiini Hooded Tanager	Nemosia pileata													Х	
Thraupidae: Conirostrir															
Chestnut-vented Conebill	Conirostrum speciosum				Χ	Χ									
Thraupidae: Diglossini (V		V	V	V	V	V	V	V	· /	V	V	V	V
Saffron Finch	Sicalis flaveola	X	Х	Х	X	Χ	Χ	Χ	Χ	X	Χ	Χ	Χ	X	Χ
Rufous-headed Tanager	pini (Yellow-and-black Tana Hemithraupis ruficapilla	gers)													Χ
	ini (Ornamented Tanagers)														
Blue-black Grassquit	Volatinia jacarina	Х				Χ									
Silver-beaked Tanager	Ramphocelus carbo			Χ	Χ	Χ	Χ	Χ	Х	Χ		Χ	Χ	<u> </u>	
Brazilian Tanager	Ramphocelus bresilius													Χ	
Ruby-crowned Tanager	Tachyponus coronatus	Х												<u> </u>	
White-lined Tanager	Tachyphonus rufus			Х	Х							Χ		Х	Х
Red Pileated Finch	Coryphospingus cucullatus		Х									Χ			
Thraupidae: Dacnini (Bl														V	
Swallow Tanager	Tersina viridis					L						X	Х	X	X
Blue Dacnis	Dacnis cayana					Χ						Χ		Χ	Χ
	lini (Grassland Tanagers)														V
Pale-throated Pampa-finch	Embernagra longicauda														Χ
Thraupidae: Saltatorini			Х	V	Χ	Χ				Χ			1		
Greyish Saltator Green-winged Saltator	Saltator coerulescens Saltator similis		^	Х	^	^				^				₩	Х
Black-throated Saltator	Saltator atricollis											Χ		₩	<u>^</u>
Thraupidae: Poospizini												^			
Orange-headed Tanager	Thlypopsis sordida													Χ	
Chestnut-headed Tanager	Pyrrhocoma ruficeps													_	Χ
White-rumped Tanager	Cypsnagra hirundinaceae		-									Х		+	<u> </u>
	Dome-nesting Tanagers)											^			
Bananaquit	Coereba flaveola	Х						Χ				Χ		Χ	Χ
Thraupidae: Sporophili		^						,,				, ,		·	^
Plumbeous Seedeater	Sporophila plumbea											Χ			
Rusty-collared Seedeater	Sporophila collaris		+			Х			Х	Х				\vdash	
Yellow-bellied Seedeater	Sporophila nigricollis														Х
Icteridae (Icterids)															
Crested Oropendola	Psarocolius cedumanus		Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ				Χ
Solitary Black Cacique	Procacicus solitaries		+					Χ		X				1	\vdash
Yellow-rumped Cacique	Cacicus cela							Χ	Χ	Χ	Х	Х		T	
Golden-winged Cacique	Cacicus chrysopterus		Х	+	I									T	
Chopi Blackbird	Gnorimopsar chopi		+	+	I			Χ		Х	Х	Х	Χ	Х	
Shiny Cowbird	Molothrus bonariensis	Х	Х	Х	Х	Х	Χ	Χ			Х			Χ	Χ
Giant Cowbird	Molothrus oryzivorus		Х	Х	Х	1		Х	1	Х	1	1	1	+-	\vdash

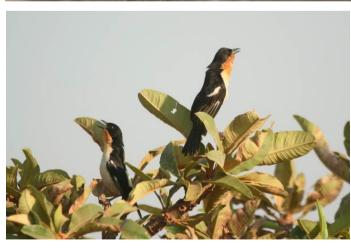
ENGLISH NAME	LATIN NAME	25 th	26 th	27th	28 th	29 th	30 th	$31^{\rm st}$	1st	2nd	3rd	4th	5th	6th	7 th	8th
Unicoloured Blackbird	Agelasticus cyanopus							Χ	Χ	Χ						
Greyish Baywing	Agelatioides badius		Χ	Χ	Χ	Χ				Χ			Χ			
White-browed Blackbird	Sturnella superciliaris					Χ										
Scarlet-headed Blackbird	Amblyrhamphus holosericeus							Χ								
Epaulet Oriole	Icterus cayanensis					Χ			Χ	Χ						
Orange-backed Troupial	Icterus croconotus			Х					Χ							













Top (left to right): Red-crested Cardinal and Rufous-bellied Thrush

Middle (left to right): Nanday Parakeet and Burrowing Owl

Bottom (left to right): White-rumped Tanager and Hyacinth Macaw