

TROPICAL BIRDING

Worldwide Birding & Photography Tours

MADAGASCAR ENIGMATIC WILDLIFE

28th June - 30th July 2019

ENIGMATIC WILDLIFE TOURS



Don't let the company's name fool you.

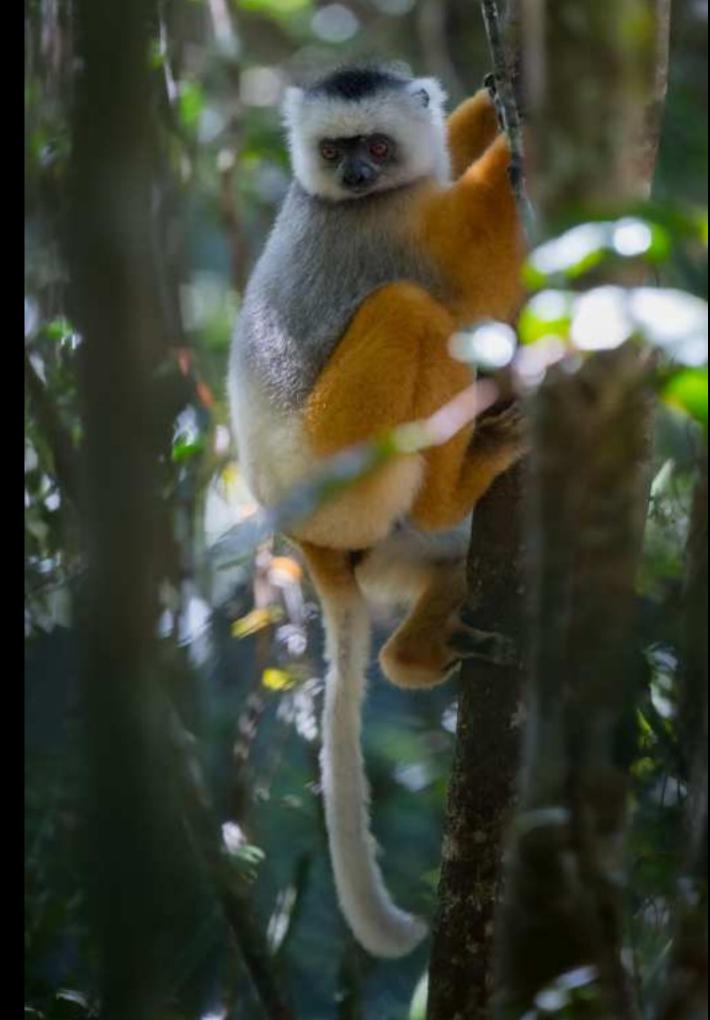
Here at Tropical Birding Tours, we are as obsessed with mammals as we are birds, herps and all other wildlife. Our new category of 'Enigmatic Wildlife' tours focusses on quality experiences with amazing animals that were once considered nearmythical, be they nocturnal critters of Borneo or the Kalahari, Mongolia's Snow Leopards and Bactrian Camels, or Madagascar's Perrier's Sifaka and Fosa.

This custom tour scored an array of incredible enigmas, and we are well poised to run some of the best tours focussed on the rarest and most seldom seen wildlife in Madagascar, after all, we wrote the Wildlife of Madagascar book! For more details on any of the Enigmatic Wildlife products please e-mail keith@tropicalbirding.com

There is nowhere, on this planet, like Madagascar. A little African, a little Asian, and a lot unique, the so-called 8th continent has earned this title and more with its bounty of endemic wildlife. From large lemurs and long boas, to tiny chameleons and miniature insects, there is a never ending supply of wildlife to enthral the visiting naturalist. The key beauty of this country? Nearly everything you point your camera or binoculars at is endemic to Madagascar and found nowhere else on Earth, guaranteeing every first-time visitor a humungous haul of endemic, unique and rare wildlife.

This absolutely giga (beyond mega) custom tour of 33 days covered almost the entire country, and a good proportion of its wildlife. We went everywhere; the dry spiny forests and riverine gallery forest of Ifaty and Mandrare, the crisp and crunchy forest of Kirindy and lunar-esque landscapes of the mighty Tsingy. We then moved north to the humid and surprisingly cool Eastern rainforest at Ranomafana and Andasibe-Mantadia, as well as a rare visit to the spectacular Montagne D'Amber National Park and Black Lemur Camp in the north of the country, before winding down on picturesque Nosy Be.

Diademed Sifaka in Mantadia NP





The highlights were so many that it's hard to whittle them down to just a few, it seemed that every day was fighting with the last to be 'best day of the tour'. Of course this no doubt came in part thanks to a wonderful group with superb humour, ultra resilience and absolute willingness to 'make a plan' at the drop of a hat. We laid with Fosa, walked with Long-tailed Ground Roller, sat beneath Indri as they gave their ancient wails. We tracked Perrier's Sifaka and shared their home for a short while, waded through rivers to spend quality time with Ring-tailed Lemurs, and rode Zebu carts through the ocean to be swarmed by Red-tailed Tropicbirds on a perfect tropical island.

All in all we came away with an enormous haul of incredible animals seen and photographed. This included, remarkably, THIRTY THREE species of lemur. Yes, 33. That's one for every day of the tour. Not to mention the 151 bird species, 42 species of mammal, 17 species of chameleon, 38 lizards, 10 species of snake and at least 45 species of butterfly.

Eastern Grey Bamboo Lemur in Mantadia NP

This tour was a mixture of our 'Birding with a Camera' and 'Enigmatic Wildlife' tour concepts. We travelled with binoculars and cameras in hand, searching out some of the most iconic and rarest wildlife of the island, photographing semi-seriously along the way. This means that we, the guides, as experienced field naturalists, use our field skills to put you in a position to see and photograph a much wider variety of species than often encountered on a standard birding or photography tour. Something we believe achieves a much better understanding and appreciation for a region.

Our presence and expertise on this 8th continent can scarcely be questioned, with an office based in Diego Suarez and a whole stable of world-class guides leading regular tours of all types, across the entire island. So, grab a drink and browse the following pages to get just a taste of what we experienced over our mammoth 33 days in Madagascar.

- Lisle Gwynn (Tour Leader)

Ring-tailed Lemur is an iconic member of Madagascar's lemurs





There is no doubt that with a bit of time and an adventurous spirit a visit to the unique and incomparable Tsingy is a 'must do' in Madagascar. It rarely features on birding and naturalist Madagascar itineraries but is a worthwhile investment and addition if time isn't a concern.

A swift and comfortable charter flight ensured that we were on our way to Morondava without delay or hassle, arriving on the picturesque shores of the Mozambique Channel by midday. Fresh seafood was ample on the menu here, and tasty it was indeed, but the real feast was for the eyes at the iconic Allée des Baobab. A sunset visit to this instantly-recognisable spot is mandatory for any visit to this corner of the country, and despite being a familiar sight from myriad photos in print and post, it is well worth jostling with a few other tourists for flame-hued backgrounds to dozens of gorgeous, ancient Grandidier's Baobabs.

Our evening here was laced with pure magic and all agreed that it was every bit as impressive as its reputation suggests, but it was very early the next morning, with a long pre-dawn departure, that we arrived at sunrise to have our souls replenished under lilac painted clouds and amber-drenched 1,000 year old forest giants. Sunset is busy, with Land Cruisers bundling down the track and tourists huddled photographing the dipping fire, but sunrise is cool, peaceful, and we found ourselves almost alone admiring some of the most beautiful pastellight I have experienced here.





The main wildlife drawcard for this corner of Madagascar is Kirindy Forest. This relatively small patch of intact dry forest holds numerous species found nowhere else in the world, and any visit is sure to only scratch the surface of what this reserve has to offer. Our luck was beyond evident as we arrived to find three Fossa prowling the perimeter of the research camp. The Red Continent's apex predator looks like a cross between a pitbull and a Bobcat, with the attitude of a Honey Badger. We followed them as they made a circuit through the camp, searching out a recent kill to chow on and the kitchen sink to drink from (yes, seriously), giving phenomenal photographic opportunities all the while. With large predators out of the way we turned to the forest for the rest of the evening, into the darkness of night. A Madagascar Scops Owl waking from its slumber in a fallen tree was a delightful surprise, as were great looks at Rufous Vanga. Under cover of darkness the forest awoke with the sound of life and our journey by torchlight found us Grey Mouse-Lemur, Grey Fork-marked Lemur, Red-tailed Sportive Lemur and, much to our surprise, the ultra-rare Madame Berthe's Mouse Lemur, one of the world's smallest primate.





After a restful night in our idyllic forest-side lodge and an early breakfast we returned to the forest where we strolled the reserve finding **Oustalet's Chameleon**, our first of these curious creatures, along with **Long-billed Tetraka** and the highlight of the morning - the spell-binding sight of our first sifakas - **Verraux's Sifaka** - as they licked the morning dew from trees and fed around us. A quick look at the returning **Fosa** preceded a departure for the long and bumpy drive to the Tsingy, via a sumptuous lunch at the 'Mad Zebu' and two humorously precarious river crossings.





Awaking beside the Tsingy is a magical experience. The dawn glowed amber, pink and purple each day as we ate breakfast overlooking miles and miles of forest, and the sunsets took on an ethereal quality as they blazed a deep burnt-orange over the stark grey rock. Our two full days here were jam-packed full of adventure. We paddled down the river in search of Madagascar Kingfisher and enjoyed Mascarene Martins buzzing us as Madagascar Fish Eagle called ahead of us, saw some tombs of the Vasimba, some of the first inhabitants of Madagascar who called the inhospitable Tsingy home, and alighted to explore several deep, dark caves. We ventured into the Tsingy along two main routes, named the Petite Tsingy (small tsingy) and Grand Tsingy (big tsingy), in search of wildlife and adventure. We found both, with crevices we could barely fit through, scrambling up limestone karst, hot-footing across sharp rocks, through deep forested canyons and climbing numerous rickety ladders to secure the greatest sunset views over this unique landscape.





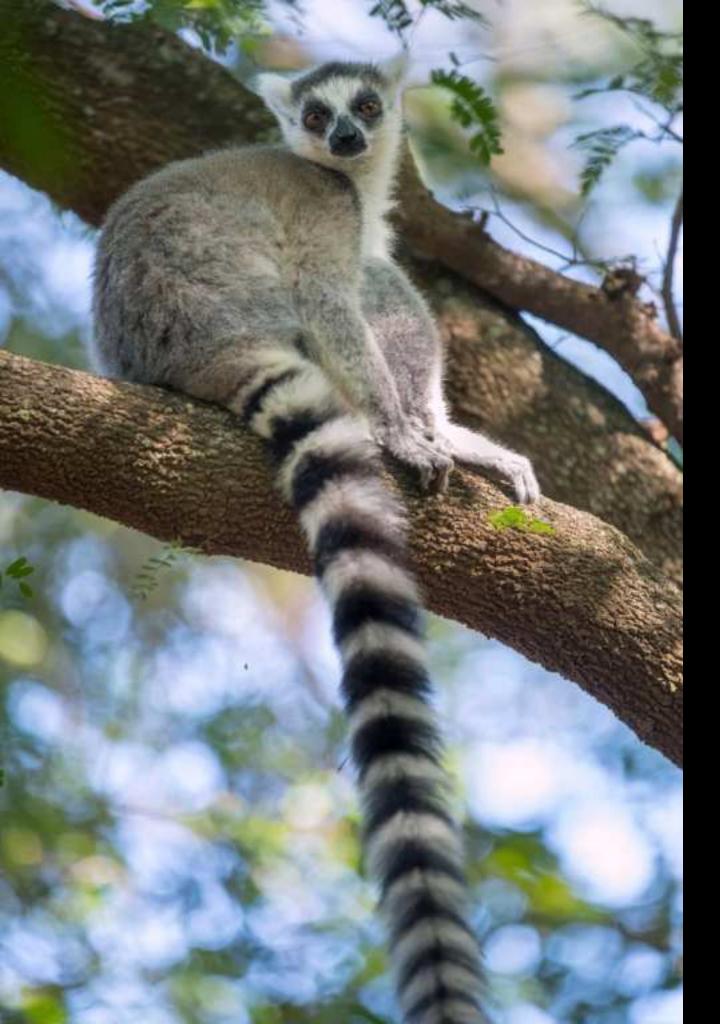
We along the way found beasts most numerous, including Hook-billed Vanga, Madagascar Sparrowhawk, an astonishingly obliging Madagascar Pygmy Kingfisher, lots of good Decken's Sifaka and heard the ghostly wail of an invisible Tsingy Wood Rail. Perhaps the best surprise came at the very end as we exited the park toward the airstrip, as two Madagascar Crested Ibis were roosting beside the track and gave superb views as we disturbed their slumber. My personal highlight, and surely that of many others, was the arranged charter flight back to Antananarivo as it began with a scenic low-level overflight of the Tsingy for photography and viewing of the landscape. We cruised back and forth over this alien stretch for some 20 minutes before turning back to Tana, and looking forth to a journey to the arid south.





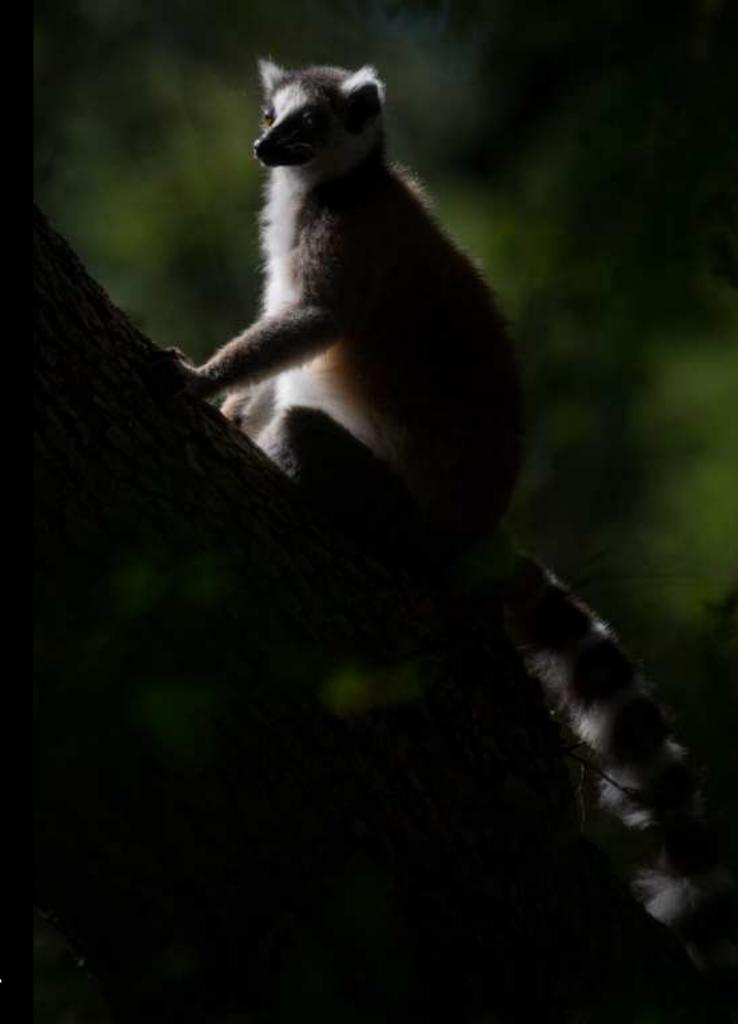




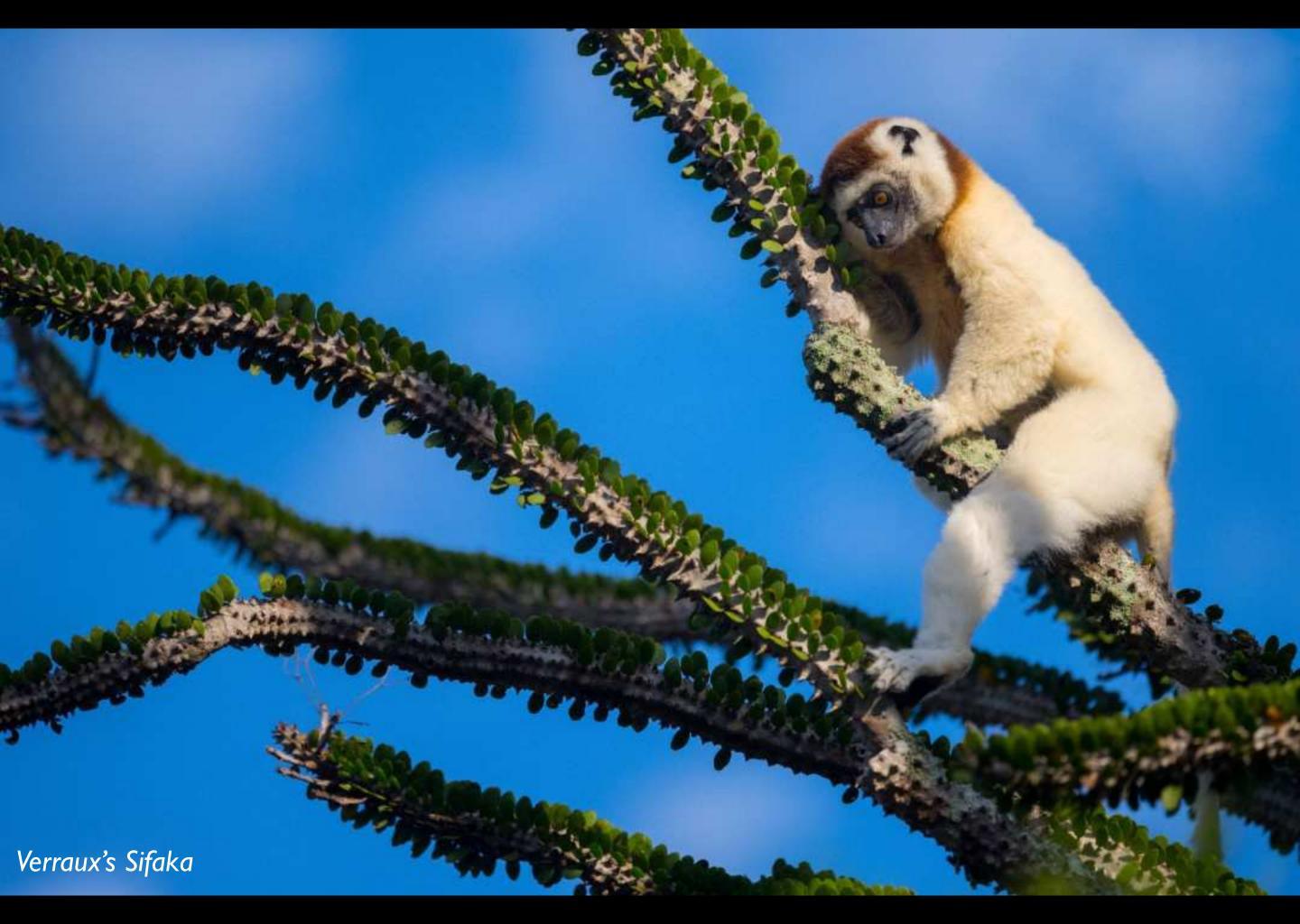


We had two visits to the spiny forests of the south planned for this tour. The first was an exploration of the Mandrare River and its associated spiny expanses. This proved to be an excellent choice, with utterly phenomenal lodgings, superb cuisine, breathtaking views almost constantly, and brilliant forest and animals to boot. We spent three nights at this idyllic wilderness, chartering flights in and out of the local airstrip, and basing ourselves at a luxury camp beside the river. Forays into the forest produced intimate encounters with Ring-tailed Lemurs as we followed these iconic creatures as they went about their daily forages, as well as a couple of hours spent with Verraux's Sifaka as a young mother introduced her exceptionally tiny baby to the world.

White-footed Sportive Lemurs cried out in the night, and looked at us moodily as we observed them waking for their night time activities, whilst Grey-brown Mouse Lemurs darted back and forth through the vegetation as though the spines simply didn't exist at all. Things with wings were well represented by the awesome Sickle-billed Vanga, a party of which buzzed us giving fantastic views, whilst LaFresnaye's Vanga was a little less co-operative. Madagascar Spinetails soared around overhead by evening, whilst our local White-browed Owls kept us busy once darkness fell around camp. For our final evening we spent sunset at a patch of ancient baobabs where the local performance group gave us a song and dance to keep in our hearts for the remainder of our time in Madagascar. Something we will all undoubtedly remember, is watching people go about their lives along the river here, clearly the life-blood of the community.















Ifaty, Zombitse & Isalo
The Prickly South-West

No visit to Madagascar would be complete without a foray into the arid spiny forests, and along the idyllic palm-fringed coast of the south-west. For our exploration we chose lfaty as it offers all of the endemic species we seek, as well as a fantastic opportunity for a day out on the water.

Our local guides here were enthusiastic, to say the least, so we didn't struggle to find all of our key target animals. We spent our days walking the spiny forest, along the sandy but well maintained tracks, finding all manner of beasts. Madagascar Nightjar roosted below a bush, Long-tailed Ground Roller ran through the undergrowth amid flashes of cobalt blue, Thamnornis confused almost everyone with their odd name, Archbold's Newtonia was almost as drab as anticipated, and Subdesert Mesite put in a last-minute showing, but what a show it gave.





By day we followed Madagascar Giant Swallowtail as they flitted through the open areas, and by night we tracked down the unbelievable Lesser Hedgehog Tenrec, as well as bizarre Kung Fu Cricket and a few scorpions, snakes and mouse lemurs to round out proceedings. We also spent a morning watching Madagascar Plovers and Madagascar Herons go about their business, but arguably the highlight of this area was a visit to the **Red-tailed Tropicbird** colony on Nosy Ve. Incredible photographic opportunities were found by all, as were Littoral Rock Thrush and, nearby, Red-shouldered Vanga and Verraux's Coua, to join the Running and Green-capped Coua seen nearby.



Long-tailed Ground Roller













Before leaving the Tulear area we called in at the local arboretum for a fantastic tour. Informative, well-presented and detailed, we learnt all about the local flora, as well as seeing a Madagascar Buttonquail and several Warty Chameleons. Onwards we went though to Zombitse, a small remnant patch of forest where several special species were our targets. We found the locally-distinct race of Verraux's Sifaka quickly, and Zombitse Sportive Lemur showed magnificently at the entrance to its day roost. Down the track, a small group of the highly-prized Appert's Tetraka gave us an incredible performance, whilst back at the parking lot a tame Giant Coua and a pair of roosting White-browed Owls delighted the crowd.

Isalo National Park saw us taking refuge in one of the world's greatest lodges. Not only is it beautiful, but its setting amongst the sandstone scenery is nothing short of breathtaking. We enjoyed some down time, many enjoyed good massages, and we sought out Madagascar Partridge, White-headed Vanga, Torotoroka Scops Owl and our closest encounter yet with Ringtailed Lemurs.

Zombitse Sportive Lemur

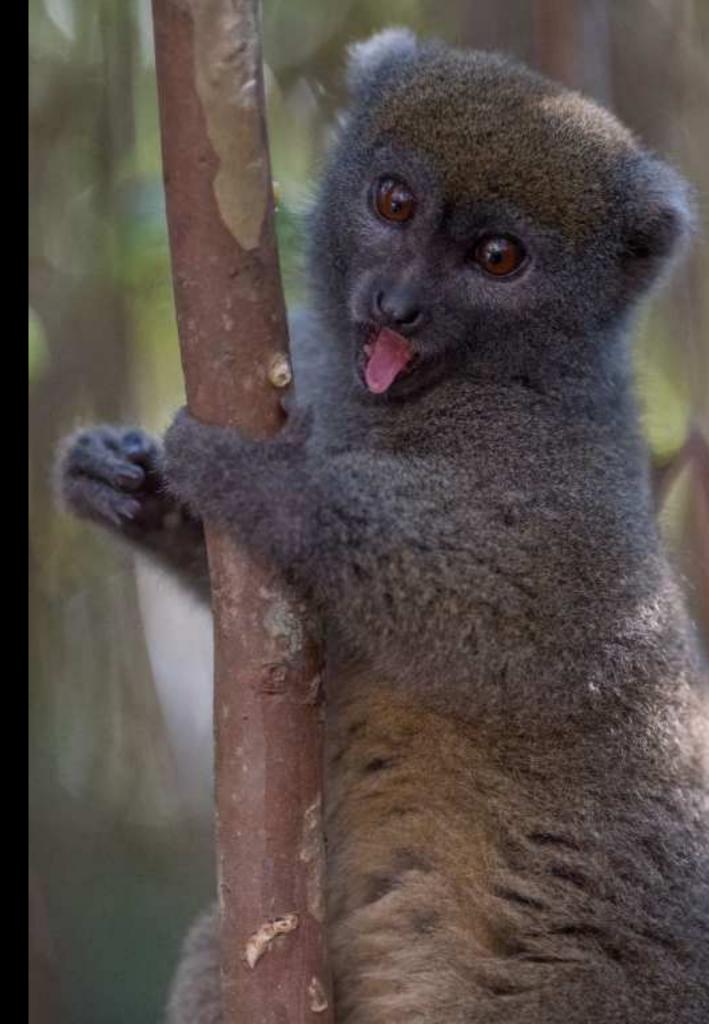






Ranomafana & Andasibe Rainforests & Reptiles

The eastern rainforests of this paradise of endemism are arguably the largest shiniest jewel in the crown of Madagascar. We spent a wonderful week split between Ranomafana NP and Andasibe-Mantadia NP exploring forest trails and scouring the rainforest for some of the island's most spectacular wildlife. In Ranomafana we found, amongst so much more, Milne-Edward's Sifaka, Golden Bamboo Lemur, Pyriera's Woolly Lemur, the obscenely skulking Brown Mesite, Madagascar Cuckoo Roller, Madagascar Wood Rail and the iconic Giraffenecked Weevil. An inquisitive Ring-tailed Vontsira was a true highlight, and a night walk here produced not only Rufous Mouse Lemur but SEVEN species of chameleon. Walking a forest road for just a couple of hundred meters in the dark it felt like there was a chameleon on every branch - a truly stunning display which included Elongate Ancient Leaf, Big Nose, Cryptic, Short-horned, O'Shaughnessy's and White-lined Chameleons. The next morning we went successfully searching for the incredible Baron's Mantella, a tiny and obscenely gorgeous frog.

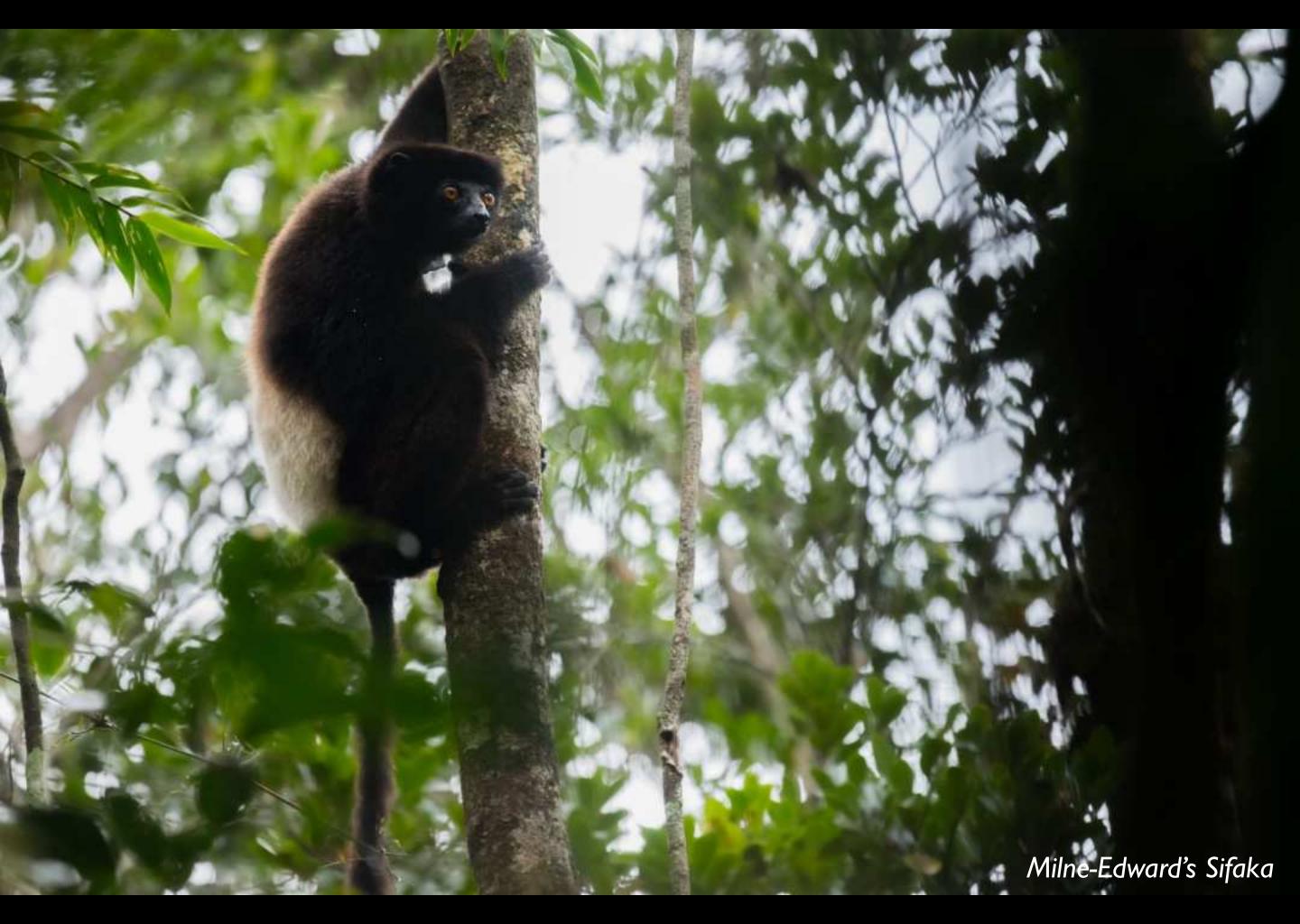




Further north, several nights spent in the lovely Vakona Lodge at Andasibe ensured we picked up yet more forest goodness. Far and away the top highlight of any visit here is seeing the largest remaining lemur - the **Indri**. The haunting, moaning calls of these giant lemurs can be heard for miles through the forest, but with some local knowledge and a bit of effort they can usually be tracked down for an encounter. On this tour we were exceptionally lucky and spent time with at least two extremely confiding individuals in Andasibe, and more in Mantadia, but the pinnacle was sitting beneath them while they gave their deafening song, with us getting a front row seat to what is surely one of the natural world's most impressive experiences. Unfortunately Short-legged Ground Roller and Scaly Ground Roller didn't want to give such views, but the mammals really stole the show here with more ultra-close encounters with beautiful Diademed Sifaka, as well as Black-andwhite Ruffed and Red Ruffed Lemurs, Common Brown Lemur, Red-bellied Lemur, Grey Bamboo Lemur and Eastern Woolly Lemur. Around the National Park we also found Henst's Goshawk, Madagascar Sparrowhawk, Madagascar Blue Pigeon, many species of vanga including Whiteheaded, Tylas, Blue, Ward's, Chabert's, Crossley's, Red-tailed and Hook-billed.

Indri



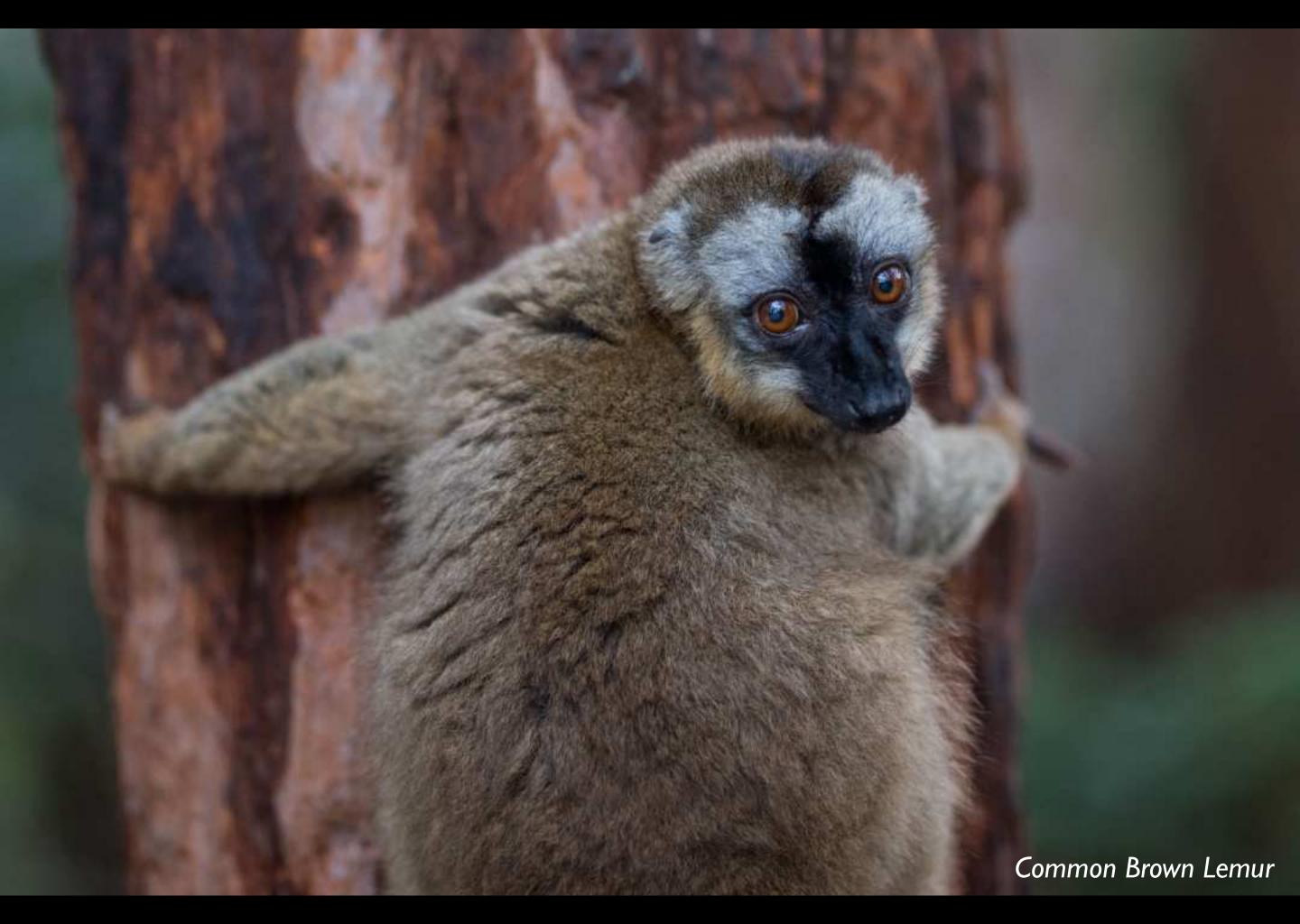






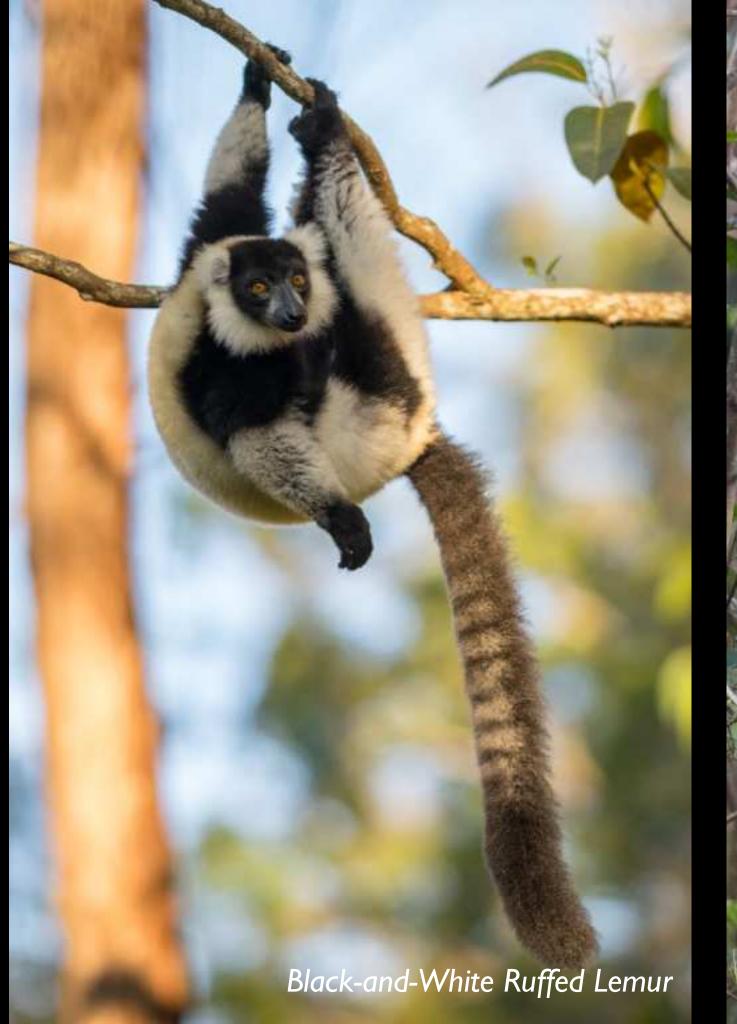


Collared Nightjar













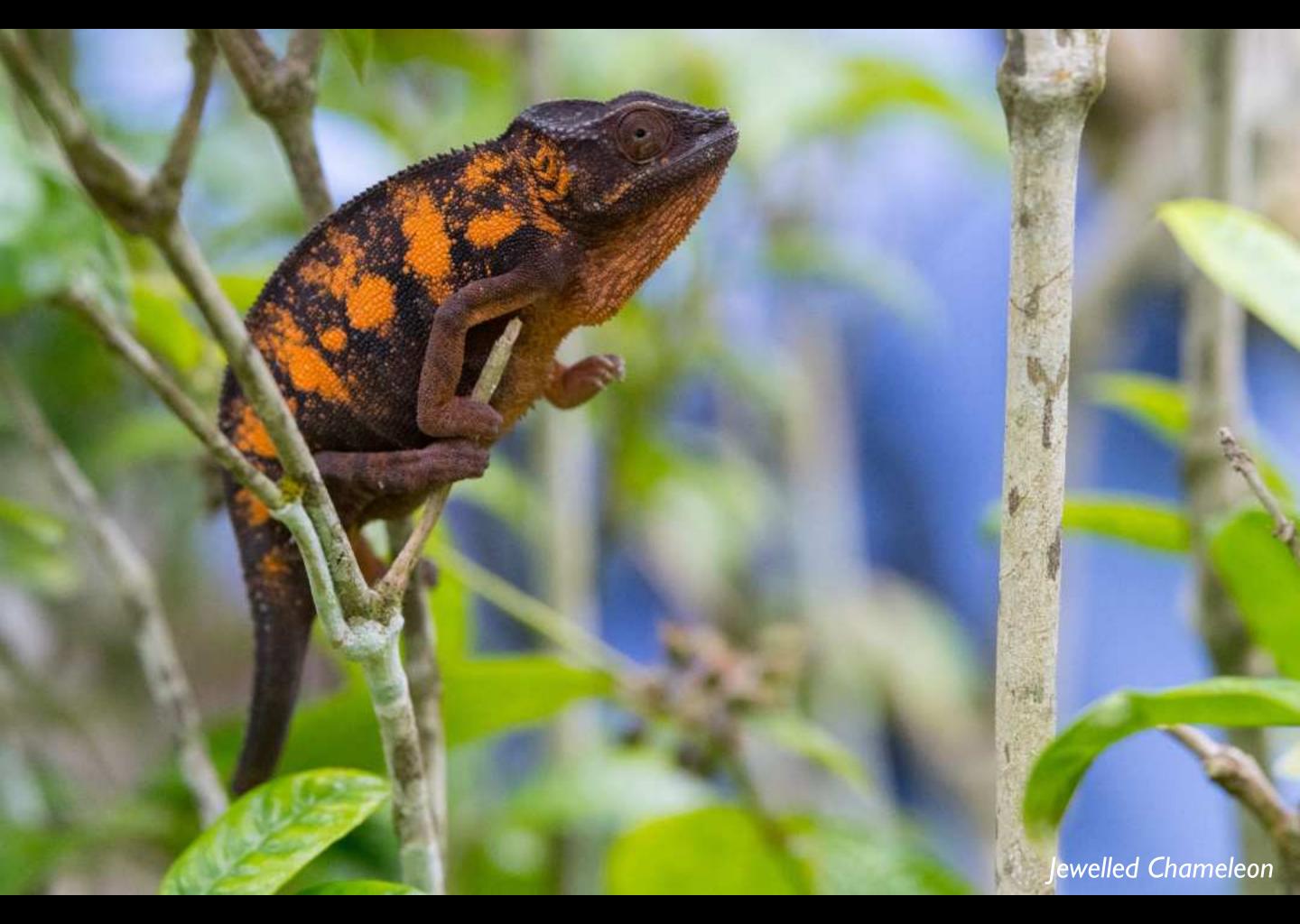
Of course you cannot come to Madagascar and not spend some time dedicated to the bountiful herpetofauna, so we made an afternoon stop at the Orchid Reserve and a morning stop at Réserve Peyrieras on our way from Andasibe to Antananarivo where we made the utmost of the opportunity to get up close and intimate with a huge variety of the island's most bizarre creatures. Panther and Parson's, Jewelled and Brown Leaf Chameleons, Golden Mantella frog, Lined, Giant and Mossy Leaf-tailed Geckos, as well as Hog-nosed, Leaf-nosed Snakes and a Madagascar Tree Boa, the haul of photo opportunities here especially was simply unbeatable and a perfect ending to our time in the lush forest before heading to the north.

Parson's Chameleon





Madagascar Leaf-nosed Snake













Northern Madagascar is rarely visited by travelling naturalists. Why? Until recently the infrastructure was terrible, and the wildlife although tantalisingly rare, was difficult to reach. This remains the case to some degree, though this tour discovered relatively easy conditions are present currently.

We visited the beautiful and quiet Montagne D'Ambre National Park where we quickly found our targets: Amber Mountain Rock Thrush, Amber Mountain Chameleon and Amber Mountain Dwarf Chameleon, as well as some good flock bird activity and some picturesque waterfalls. Off the beaten track, this national park is a quiet paradise with some of the best forest in Madagascar. Our main reason for coming to the north, though, was a fair drive south-south-east of here, at the aptly named 'Black Lemur Camp'. Only in this small but beautiful patch of forest is it possible for visitors to see the Critically Endangered and woefully rare Perrier's Sifaka. We were awarded unbelievable eye-level views of more than one group of sifakas here and it was easily an immediate trip highlight. Ultra rare, rarely seen, and stunning to boot - what a creature.

Our final base of the tour was the touristic island of Nosy Be in the north-west corner of the country. Here we found a beautiful spa resort, stunning sunsets, giant **Nosy Be Panther Chameleons** and a visit to Lokobe National Park gave us our final wildlife - including **Black Lemur**, and **Orange-backed Mantella** - two of the best beasts of the tour.









WILDLIFE ENCOUNTERED

We encountered a huge amount of wildlife over our 33 day adventure. The following lists show what we saw, and in the case of birds and mammals, when we saw it. A non-complete list of reptiles and insects is also included, though identification of a lot of closely-related species is difficult or impossible in the field, so it is very likely that we saw more than is indicated here.

		29 30	1 2	3 4	5	6 7	8	9 10	0 11	12 1	3 14	15 16	17	18 19	20	21 2	2 23	24 2	5 2	3 27	28 2	9 X
LEMURS																						
Grey Mouse Lemur	Microcebus murinus	X									ĹШ											Î
Brown Mouse Lemur	Microcebus rufus												Х									
Grey-brown Mouse Lemur	Microcebus griseorufus					Х																
Madame Berthe's Mouse Lemur	Microcebus berthae	X																				
Goodman's Mouse Lemur	Microcebus lehilahytsara															X	1					
Rufous Mouse Lemur	Microcebus rufus													Х								
Peters' Mouse Lemur	Microcebus myoxinus			X																		
Pale Fork-marked Lemur	Phanerfurdfer pallescens	X																	Ш	Ш		
Ankarana Sportive Lemur	Lepilemur ankaranensis																			Х		
Zombitse Sportive Lemur	Lepilemur hubbarodorum											Х										
Red-tailed Sportive Lemur	Lepilemur ruficaudatus	X																				
White-footed Sportive Lemur	Lepilemur leucopus					Х	х															
Small-toothed Sportive Lemur	Lepilemur microdon												Х									
Peters' Sportive Lemur	Lepilemur petteri								X													
Eastern Grey Bamboo Lemur	Hapalemur griseus griseus															X						
Golden Bamboo Lemur	Hapalemur aureus												Х									
Ring-tailed Lemur	lemur catta					Х	х					Х										
Crowned Lemur	Eulemur coronatus																		х	Х		
Red-bellied Lemur	Eulemur rubriventer												Х			X	2					
Common Brown Lemur	Eulemurfulvus fulvus															x x	1					
Sanford's Brown Lemur	Eulemur fulvus sandfordi																	Х	1			
Red-fronted Brown Lemur	Eulemurfulvus rufus		×	×			х							Х								
Black Lemur	Eulemur macaco macaco																				X	8
Black-and-white Ruffed Lemur	Varecia variegata variegata															x x	8					
Red-ruffed Lemur	Varecia variegata rubra															×						
Eastern Woolly Lemur	Avahi lanigur															х						

		29	30	1	2	3	4	5	6	7	8 9) 1	0 11	12 1	3 14	15 1	6 17	18	19 2	20	21 2	2 2	23 24	25	26	27	28 2	9 X
Pyriera's Woolly Lemur	Avahi pyrierasi																Х						Ш					
Diademed Sifaka	Propithecus diadema diadema																			3	Х		Ш	Ш				
Milne-Edward's sifaka	Propithecus diadema edwardsi																х	Х						Ш		Ш		
Perrier's Sifaka	Propithecus diadema perrieri																								X	Х		
Verreaux's Sifaka	Propithecus verreauxi verreauxi			Х					X	X	X				х													
Decken's Sifaka	Propithecus verreauxi deckeni				Х	х																						
Indri	Indri indri																			= 2	x x	¢.						
CARNIVORES																												
Fosa	Cryptoprocta ferox		Х																				Ш					
Ring-tailed Vontsira	Calidia elegans																Х											
RODENTS																												
Lesser Hedgehog Tenrec	Echinops telfairi												Х													Ш		
Eastern Red Forest Rat	Nesomys rufus																				>	(
Western Red Forest Rat	Nesomys lambertoni				Х																					Ш	Ш	
Lowland Red Forest Rat	Nesomys audeberti																				×	(
BATS																												
Madagascar Flying Fox	Pteropus rufus																					>	×					
Commerson's leaf-nosed bat	Hipposideros commersoni				X																							
Madagascar Free-tailed Bat	Otomops madagascariensis					X	X																					

BIRDS

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ANSERIFORMES: Anatidae																										
White-faced Whistling-Duck	Dendrocygna viduata			X				Ш																		
Knob-billed Duck	Sarkidiornis melanotos								1	Х												Ш				
Red-billed Duck	Anas erythrorhyncha								Ш							Ш				х						
GALLIFORMES: Numididae																										
Helmeted Guineafowl	Numida meleagris	Introduced species		X									Ш			Ш										
GALLIFORMES: Phasianidae																										
Madagascar Partridge	Margaroperdix madagarensis	Endemic												н												
Harlequin Quail	Coturnix delegorguei															ш							Ш	Х	(
PODICIPEDIFORMES: Podicipedidae															L										ijij	
Madagascar Grebe	Tachybaptus peizelnii	Endemic Endangered	ш									Ш				Ш			×							
COLUMBIFORMES: Columbidae																										
Rock Pigeon	Columba livia	Introduced species	X	X						Х	X			Х	X	X	X	хх	X	Ш	х		Ш		х	Х
Madagascar Turtle-Dove	Streptopelia picturata	2.5		X X	Х	Х	Х	X		Х	X				Х	X						X	Х		Ш	
Namaqua Dove	Oena capensis			x x	Х	Х	X X	X	Х	хх	X						Ш		1		х	X	X >	K X	\$	
Zebra Dove	Geopelia striata	Introduced species			ļ.																				×	
Madagascar Green-Pigeon	Treron australis				Х				Ш			Ш					Ш		X			Ш	Ш		Ш	
Madagascar Blue-Pigeon	Alectroenas	Endemic																	Х							
MESITORNITHIFORMES: Mesitornithidae					Ļ			Ш																		
Brown Mesite	Mesitornis unicolor	Endemic Vulnerable						Ш	Ш	Ш					Х										Ш	
Subdesert Mesite	Monias benschi	Endemic Vulnerable							Ш		Х	Ш	Ш		Ш	Ш						Ш	Ш			
CUCULIFORMES: Cuculidae																										
Crested Coua	Coua cristata	Endemic		X X	3		×	×	X	Х	Ш								Ш				X)	K		
Verreaux's Coua	Coua verreauxi	Endemic								X																
Blue Coua	Coua caerulea	Endemic			Ш										Х				Х					Ш		
Red-fronted Coua	Coua reynaudii	Endemic																Х	(X							
Coquerel's Coua	Coua coquereli	Endemic		Х	¥																					
Running Coua	Coua cursor	Endemic				х	×			X	X															
Giant Coua	Coua gigas	Endemic				Х							х													

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Madagascar Coucal	Centropus toulou	Harris Commission (Commission)								-					x									
Madagascar Cuckoo	Cuculus rochii	Breeding endemic																						
CAPRIMULGIFORMES: Caprimulgidae		S=45_14		_	_	_	_	_	_	_			7	_	_	7	Х	_	7	_	_	_		
Collared Nightjar	Gactornis enarratus	Endemic	х	v	х	v	×	v	хх			Н					170				Н			
Madagascar Nightjar	Caprimulgus		^		^	_^	^	^	^ ^		_	_	_			-	-	_	-	_			_	
CAPRIMULGIFORMES: Apodidae				-	_	-	-	v	_	-		_	-	-	_	v v	v	V	-	-	-	-	_	-
Malagasy Spinetail	Zoonavena grandidieri		-			-	-	X	X		-	Н		-		X X	^	^	-	-		-		
Alpine Swift	Apus melba						-	Н		-		Ш	-			-	-						X	
Madagascar Swift	Apus balstoni				X		-					Ш	4	Х	X		Ш	- 5	X		-	20145	х х	
African Palm-Swift	Cypsiurus parvus		XX	ХХ					4					Х			_			Х	Х	X >	X	X
GRUIFORMES: Sarothruridae																#								
Madagascar Wood-Rail	Canirallus kioloides	Endemic			Ш			ш					_	Х							Ш	ш		
Tsingy Wood-Rail	Canirallus beankaensis	Endemic Near- threatened			н																			
Madagascar Flufftail	Sarothrura insularis	Endemic						Ш			Ш.	Ш						Х						
GRUIFORMES: Rallidae				Ш									Ц								Ш			
Madagascar Rail	Rallus madagascariensis	Endemic Vulnerable			Ш	Ш		Ш				Ш	X						Ш					
White-throated Rail	Dryolimnas cuvieri								Х			Ш												
Eurasian Moorhen	Gallinula chloropus							Ш										Х			Ш			
CHARADRIIFORMES: Recurvirostridae																				Ш	Ш			
Black-winged Stilt	Himantopus himantopus		×	Х				Ш							Ш									
CHARADRIIFORMES: Charadriidae								Ш												Ш	Ш			
Kittlitz's Plover	Charadrius pecuarius		X																					
Madagascar Plover	Charadrius thoracicus	Endemic Vulnerable	×						X															
Three-banded Plover	Charadrius tricollaris			Х																				
White-fronted Plover	Charadrius marginatus		X																					
CHARADRIIFORMES: Scolopacidae																								
Whimbrel	Numenius phaeopus										X						T		I		M	ı		
CHARADRIIFORMES: Turnicidae																								
Madagascar Buttonguail	Turnix nigricollis	Endemic									X										Х	Х		

			29	30 1	1 2	3	4 5	6	7 8	3 9	10	11 12 1	3 14 15 1	6 17 1	8 19 2	20 21	22 23	24 25	26 27 2	8 29
Crab-Plover	Dromas ardeola		0750			9.77/10	St. 70	1	101107	0.0	10000	х	######################################			300000	Alemalica de			anas.
CHARADRIIFORMES; Laridae																				
Caspian Tern	Hydroprogne caspia				Т	П	Т	П		X						П				П
Great Crested Tern	Thalasseus bergii					П						х		Ш						
PHAETHONTIFORMES: Phaethontidae																				1
Red-tailed Tropicbird	Phaethon rubricauda		П			П		Į.			П	х				П				П
PELECANIFORMES: Scopidae																				
Hamerkop	Scopus umbretta		П		П	П	П	П	х		П	ПП				П				П
PELECANIFORMES: Ardeidae																				
Gray Heron	Ardea cinerea		Ť	Х		ĹĬ	Ī	Ť	Ī	Ť	11	х	i i i	ΪŤ	Ī	Ť	T f		fif	ijij
Humblot's Heron	Ardea humbloti	Endemic Endangered									x	х								
Purple Heron	Ardea purpurea)	K				
Great Egret	Ardea alba		×	x	×	П				Τ	x)	K	x		×	
Little Egret	Egretta garzetta		x	x	х						х						x			
Black Heron	Egretta ardesiaca																x		х	
Cattle Egret	Bubulcus ibis		х	x)	х х		X	х	x :	K							x			
Squacco Heron	Ardeola ralloides						×		х										x x	
Madagascar Pond-Heron	Ardeola idae	Endangered	X														x			
Striated Heron	Butorides striata	1.50			Х						х								х	
PELECANIFORMES: Threskiornithidae											Ш									
Madagascar Ibis	Lophotibis cristata	Endemic Near- threatened					×													
ACCIPITRIFORMES: Accipitridae						Ш					П									
Madagascar Harrier-Hawk	Polyboroides radiatus	Endemic				Х											Х			Х
Madagascar Cuckoo-Hawk	Aviceda madagascariensis	Endemic			X															
Bat Hawk	Macheiramphus alcinus					X														
Frances's Sparrowhawk	Accipiter francesiae)	x x	X		х	×											
Madagascar Sparrowhawk	Accipiter madagascariensis	Endemic Near- threatened				x														
Henst's Goshawk	Accipiter henstil	Endemic Near- threatened														×				

			20	30	1 2	2			. 7	0	9	10.1	4 40	40		40		9 10	20.0	H 01		24	ne n	e 27	28 29
Appropriate (0.0000	(AS)	x x	3066		y 1	, ,	8 Y	x :	MESMI.	1 12	13	14 1:	3 16	17	8 19	20 2	X	200000	24	25 2	X	MACON OSC
Black Kite	Milvus migrans		^		20 V		-	^ /	` ^	^	^ ′	^	-				Н	-					-	^	-
Madagascar Buzzard	Buteo brachypterus	Endemic	-		X X	^		_					_	_				_)			_	_		
STRIGIFORMES: Tytonidae			-		v	V		_	v		_	-	-				-	-	-	-	-	_	-	-	
Barn Owl	Tyte alba		_		Х	Х	_	_	Х		_			_	_	_		_	_			_	_		
STRIGIFORMES: Strigidae			-	_	-	۳		=	-	-	=	4	-		+		-	-	-	۰			-	-	
Malagasy Scops-Owl	Otus rutilus	Endemic		Х		н	ш									н				H		Н		-	_
Torotoroka Scops-Owl	Otus madagascariensis	Endemic		Н								+		X	×			-		-	-		4	+	
White-browed Owl	Athene superciliaris	Endernic			н	Н)	×	Š		4				ш				4		Ш		4	
Madagascar Owl	Asio madagascariensis	Endemic																		-				-	
Marsh Owl	Asio capensis							_		_		_				ш		_			_	_		_	
LEPTOSOMIFORMES: Leptosomidae												ı													
Cuckoo-roller	Leptosomus discolor					_				_		_		X :	X				X >	X	X	Х			
BUCEROTIFORMES: Upupidae																									
Madagascar Hoopoe	Upupa marginata	Endernic					Х									ш									
CORACIIFORMES: Alcedinidae						Į.																			
Malagasy Kingfisher	Corythornis vintsioides															Ш	Ш			Ш		х		X	
Madagascar Pygmy-Kingfisher	Corythornis	Endemic				Х										Ш									
CORACIIFORMES: Meropidae	and the state of t															Ш									
Madagascar Bee-eater	Merops superciliosus		Х	Χ.	x x	Х	х	X 2	(X	Х									>	X	Х	Х	X X	X	X X
CORACIIFORMES: Coraciidae		V.								L						Ш	Ц								
Broad-billed Roller	Eurystomus giaucurus																								
CORACIIFORMES: Brachypteraciidae																Ш									
Short-legged Ground-Roller	Brachypteracias leptosomus	Endemic Vulnerable)						
Long-tailed Ground-Roller	Uratelornis chimaera	Endemic Vulnerable								ļ.		X				Ш		Ш							
FALCONIFORMES: Falconidae																Ш									
Madagascar Kestrel	Falco newtoni		X	X	x x	Х	X	X)	×	X	X :	X								Х	X	X	X X	X	x x
Banded Kestrel	Falco zoniventris	Endemic																						X	
Peregrine Falcon	Falco peregrinus																>	(
PSITTACIFORMES: Psittaculidae																									
Greater Vasa Parrot	Coracopsis vasa		X	Х	x x	Х	х	X	х	3	1	K													

		1	29	30	1 2	3	4 5	. 6	7	8 0	10	11 12 13	14 15	16	17 18	10 5	20. 2	1 2	23	24 2	5 2	6 27	28 20
			25	30	17.1	X	7 8			0 0	10	11 12 15	14 10	10	10	13	2000	(2.0	200000	20000	X	20 23
Lesser Vasa Parrot	Coracopsis nigra	New Court Court	x	x	x x	-		-	х	x				7		H			H			X	
Gray-headed Lovebird	Agapornis canus	Endemic								^													_
PASSERIFORMES: Philepittidae	Sociality Social	P	_	_	-	_	-	-	_	_	_		_	х	-	_	7	-	_	7	-	-	
Velvet Asity	Philepitta castanea	Endemic				ш					-			^		Н	H		ш		н		-
Schlegel's Asity	Philepitta schlegeli	Endemic Near- threatened				X																	
Common Sunbird-Asity	Neodrepanis coruscans	Endemic				Ш		1	Ш		Ш			X	_		4		Ш				
Yellow-bellied Sunbird-Asity	Neodrepanis hypoxantha	Endemic Vulnerable				ш					ш												
PASSERIFORMES: Vangidae																		Ų					
Archbold's Newtonia	Newtonia archboldi	Endemic									Х						Ш				Ш		
Gommon Newtonia	Newtonia brunneicauda	Endemic		2	X	Ш				Х	Х			X)	()	()	(Ш	×	X	X	ХХ
Dark Newtonia	Newtonia amphichroa	Endemic												X X	<	Ш	Ц				Ш		
Red-tailed Newtonia	Newtonia fanovanae	Endemic Vulnerable				Ш																	
Tylas Vanga	Tyias eduardi	Endemic				Ш)	(ш)	(
Red-tailed Vanga	Calicalicus	Endemic				Ш		1	Ш					X)	()	()	(Ш		Х		
Red-shouldered Vanga	Calicalicus rufocarpalis	Endemic Vulnerable								X							Ш		Ш		Ш		
Nuthatch-Vanga	Hypositta corallirostris	Endemic				Ш				Ш	ш				_)	<		Ш				
Chabert Vanga	Leptopterus chabert	Endemic		X		Ш	×	X	Х	×	х)	()	(Ш		Х	Š	
Grossley's Vanga	Mystacomis crossleyi	Endemic				Ш				Ш	Ш			н			Ш		Ш		Ш		
Blue Vanga	Cyanolanius)	()	(
Hook-billed Vanga	Vanga curvirostris	Endemic				X																	
Ward's Flycatcher	Pseudobias wardi	Endemic				Ш			Ш)	<	Ш)	(Ш		
Rufous Vanga	Schetba rufa	Endemic		X		Ш											Ш		Ш				
Sickle-billed Vanga	Falculea palliata	Endemic				Ш	X	(х								П						
White-headed Vanga	Artamelia viridis	Endemic				Ш		Ш)	()	(Ш		Ш		
Lafresnaye's Vanga	Xenopirostris xenopirostris	Endemic							Н	Х							Ш						
PASSERIFORMES: Campephagidae																							
Ashy Cuckooshrike	Coracina cinerea													X)	(Х			
PASSERIFORMES: Dicruridae																							
Crested Drongo	Dicrurus forficatus		×	X	x x	X	X X	X	X	X X				X	(X	X)	()	X	X	X X	×	×	хх

			2000	al equation in	+ 72.0	1000	0.20	100 0	0 850	10.2550	- C	1016-34	* 10.00		0.00000	discorre	-45.44	VIII.883	-	W84.5	SORTISSO	OLENOUS CO.	550,00	e salves	111110	255 F450	unasenir
			29	30 1	1 2	3	4	5	5 7	8	9 1	0 1	1 12	13	14 1	15 1	6 17	18	19	20 2	21 2	2 23	3 24	25	26 2	7 28	3 29
PASSERIFORMES: Monarchidae																											
Madagascar Paradise-Flycatcher	Terpsiphone mutata				4	X		X :	(L				X	X	Х	X			X)	(X	X	Х	Х	X)	(X	X
PASSERIFORMES: Corvidae	Y .					L			ш								ш				ш				Ц		
Pied Crow	Corvus albus		Х	X)	X X	Х	Х	X :	X	X	Х													X	X)		
PASSERIFORMES: Alaudidae																											
Madagascar Lark	Eremopterix hova	Endemic)	<		Х	X :	X	X	Х													X	X)	(
PASSERIFORMES: Hirundinidae																	ш										
Plain Martin	Riparia paludicola				Щ										ш				Ш	Ш							X
Mascarene Martin	Phedina borbonica				×	Х								Ш				Ш	X	X 3	X	X	X	х	X)	×	X
PASSERIFORMES: Pycnonotidae																											
Madagascar Bulbul	Hypsipetes		Х	X X	X	Х	Ш	X Z	K		>	X	Х	Х	X)	X	Х	Х	Х	X)	(X	X	X	х	X)	(X	X
PASSERIFORMES: Acrocephalidae					Ш												Į,			Ц	Ш	Į.	L				
Madagascar Brush-Warbler	Nesillas typica									Ш				Ш		X	Х			x)	<		L		Ш	Ш	Ш
Subdesert Brush-Warbler	Nesillas lantzii	Endemic											X														
Madagascar Swamp Warbler	Acrocephalus newtoni	Endemic												1	X												Ш
PASSERIFORMES: Locustellidae					Ш															ı							
Brown Emutail	Bradypterus brunneus	Endemic																								Ш	Ш
Gray Emutail	Amphilais seebohmi	Endemic			Ш														Ш								
PASSERIFORMES: Bernieridae	Section Administration Constitution																										
White-throated Oxylabes	Oxylabes madagascariensis	Endemic															Х										
Long-billed Bernieria	Bernieria madagascariensis	Endemic		Х	Ш	L				L		L					X		Ш	1			L			Ш	Ш
Cryptic Warbler	Cryptosylvicola	Endemic		Ш	Ш		Ш			L									Ш		Ш		X				
Wedge-tailed Jery	Hartertula flavoviridis	Endemic Near- threatened														X											
Thamnornis	Thamnarnis chloropetoides	Endemic									>	(
Yellow-browed Oxylabes	Crossieyla xanthophrys	Endemic Near- threatened														×											
Spectacled Tetraka	Xanthomixis zosterops	Endemic														X				1	(
Appert's Tetraka	Xanthomixis apperti	Endemic Vulnerable												х													
Gray-crowned Tetraka	Xanthomixis cinereiceps	Near-threatened															X										
Rand's Warbler	Randia pseudozosterops	Endemic															Х										

			20	30	1 2	3	4	5 1	6 7	8	9	10	11 1	2 13	14	15	16 1	7 18	19	20	21 2	2 2	3 24	25	26 1	27 28	20
DAGGERIEG DI VI-VIII				00											2												
PASSERIFORMES: Cisticolidae	No. 10 April 10	Parametr	_	_	_	т	_	х :	хх	x	Х	х	7	т	_	x :	хх	х	х	х	x x	X	х	х	x)	κx	х
Common Jery	Neomixis tenella	Endemic					Н				6.9	7,9 3			Н		X				5.54 // 1.60		2.5	330			-
Green Jery	Neomixis viridis	Endemic				Н			×					Н			X	8		х				Н			Н
Stripe-throated Jery	Neomixis striatigula	Endemic			Х	X		v	3-12		v	v		v	х	v	^	3		^				Н			H
Madagascar Cisticola	Cisticola cherina		-		^	^	_	^ /	^ ^	^	^	^ .	^ ^	^	^	^	-		_						_		
PASSERIFORMES: Zosteropidae				· ·	v v		_				-				v	v .		· ·			v .						v
Madagascar White-eye	Zosterops maderaspatanus		Х	X	X X	X		_	×	X			_	X	Х	× ,	x x	X	×	X	X X	R.	_			(X	Х
PASSERIFORMES: Muscicapidae						۰			4				4								4						
Madagascar Magpie-Robin	Copsychus albospecularis	Endemic		X				X	x x	X	X	X	x x	X	X	3	x x			X	X	X	X	X			
Forest Rock-Thrush	Monticola sharpei		4		ш	X			ш		ш	Ш	- 110		Ш		ш	Ш				Ш	Х	Ш			Ш
Littoral Rock-Thrush	Monticola imerina	Endemic											X														
African Stonechat	Saxicola torquatus											ш		Х	Х						×	(X	x >	× ×	Х
PASSERIFORMES: Sturnidae																											
Common Myna	Acridotheres tristis	Introduced species	Х	Х			Х	X X	X X	X	Х	X :	x x	X	X	X	X X	X	Х	X	X X	×	Х	Х	X >	X	X
Madagascar Starling	Hartlaubius auratus	Endemic	.,						Ш												X	Ų.					
PASSERIFORMES: Nectariniidae									Ц			Ш															
Souimanga Sunbird	Cinnyris sovimanga		×			X		2	хх	×	X	х							Х	X	X	×	Χ	x			
Madagascar Sunbird	Cinnyris notatus								Х	(3	хх	1	Х	X	X						
PASSERIFORMES: Motacillidae																											
Madagascar Wagtail	Motacille flaviventris	Endemic	Х		X	X		3	X X	X	X	X	x x	Х	X	X :	x x	X	Х	X	хх	E.					Х
PASSERIFORMES: Passeridae									П																		
House Sparrow	Passer domesticus	Introduced species	X	X		Т			П	Т		П		Т	П		П					×		П			Х
PASSERIFORMES: Ploceidae		22																									
Nelicourvi Weaver	Ploceus nelicourvi	Endemic	Т	П	П	Т	П	П	П	Т	П	П	П	Т	П	П	П	П	П	X	X	Т	Х	П	П		П
Sakalava Weaver	Ploceus sakalava	Endemic		×	х			x :	x x	×	×	х															
Red Fody	Foudia madagascariensis	Endemic	х		П	Т	Т	x :	x x	×		П	Т	Т	П	Т	П	7		x	x	\top	Т	П		×	х
Forest Fody	Foudia omissa	Endemic							e-0 (U)					T			×			х							
	e produced, septemblifie	and resident ridge of											51	F				F					F				F
PASSERIFORMES: Estrildidae Madagascar Munia	Lonchura nana	Endemic	×		×				Х											X	X						Х

HERPS, AMPHIBIANS & INSECTS

Tortoises	Merrem's Madagascar Swift	Rainforest Dwarf Gecko	Frogs	African Wood White
Radiated Tortoise	Cuvier's Madagascar Swift	Grey's House Gecko	Mascarene Ridged Frog	Grandidier's Caper White
Spider Tortoise	Dumeril's Madagascar Swift	Common House Gecko	Baron's Mantella	Madagascar Dotted Border
Chameleons	Grandidier's Madagascar Swift	Flathead House Gecko	Orange-backed Mantella	Yellow-painted Caper White
Montagne D'Ambre Leaf Chameleon	Tsingy Plated Lizard	Peter's Spotted Fish-scale Gecko	Golden Mantella	Madagascar metalmark sp. (many)
Brown Leaf Chameleon	Red-legged Plated Lizard	Fish-scale Gecko sp.	Fiery Bright-eyed Frog	Blue sp. (many)
Elongate Ancient Leaf Chameleon	Madagascar Plated Lizard	Madagascar Ground Gecko	Madagascar Bright-eyed Frog	Hairstreak sp. (many)
Oustalet's Chameleon	Ornate Plated Lizard	Sakalava Madagascar Velvet Gecko	Pandanus Frog sp.	African Monarch
Parson's Chameleon	Western Plated Lizard	Satanic Leaf-tailed Gecko	Madagascar Bullfrog	Madagascar Forest Nymph
Panther Chameleon	Karsten's Plated Lizard	Lined Leaf-tailed Gecko	Insects	Madagascar Beauty
Jewelled Chameleon	Madagascar Keeled Plated Lizard	Mossy Leaf-tailed Gecko	Giraffe-necked Weevil	Common Leopard
Perinet Chameleon	Gravenhorst's Skink	Henkel's Leaf-tailed Gecko	Flatid Leaf Insect	Madagascar Leopard
	Elegant Skink	Giant Leaf-tailed Gecko	Butterflies & Moths	Common Joker
Big Nose Chameleon	Comoro Skink	Snakes	Citrus Swallowtail	Tree nymph sp.
Cryptic (Blue-legged) Chameleon	Giant Day Gecko	Madagascar Tree Boa	Mocker Swallowtail	Acraeas sp.
Short-horned Chameleon	Koch's Day Gecko	Giant Hognose Snake	Cream-lined Swallowtail	Emperor sp.
O'Shaughnessy's Chameleon	Lined Day Gecko	Madagascar Leaf-nosed Snake	Spotted Blue Swallowtail	Madagascar Brown Pansy
Amber Mountain Chameleon	Peacock Day Gecko	Madagascar Tree Snake sp.	Banded Blue Swallowtail	Madagascar Commodore
Arthur's Chameleon	Gold-dust Day Gecko	Madagascar Cat Eyed Snake sp.	Madagascar Swordtail	Brilliant Blue
Northern Blue-nosed Chameleon	Aldabra Day Gecko	Striped Madagascar Garter Snake	Green Lady	Yellow Pansy
White-lined Chameleon	Modest Day Gecko	Bernier's Striped Snake	Madagascar Giant Swallowtail	Blue Pansy
Warty Chameleon	Thick-tailed Day Gecko	Mahalafy Sand Snake	Madagascar Orange Tip	Clouded Mother of Pearl
Lizards	Standing's Day Gecko	Four-striped Snake	Grass yellow sp.	Madagascar Diadem
Three-eyed Lizard	Grandidier's Dwarf Gecko	Trail Madagascar Garter Snake	Migrant sp.	African Map Butterfly