









A pair of adult Red-and-green Macaw Ara chloropterus flies above the tree canopy of the Tambopata Reserve. This is the largest of the macaw species found here and the easiest to observe.

Manu National Park's fame as being one of the top biodiversity hotspots on Earth. A massive biosphere reserve that protects habitats ranging from treeline vegetation to lush cloud forests and dense, lowland jungles, the wildlife of Manu has been featured in many documentaries and magazines. Despite the wild, untamed nature of Manu province, around 17,000 people make their home there. These include a number of indigenous people (some of whom make very little contact with western peoples), farmers, miners, and ecotourism operators. People have been living in the Amazon rainforests of Madre de Dios for thousands of years. Due to the remote nature of southeastern Peru, most of these peoples lived in isolation from Spanish colonists until the latter part of the nineteenth century. Some indigenous cultures of Madre de Dios had occasional contact with the Incan empire but even that was very limited as the Incans primarily kept to higher elevations in the Andean mountains.

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Tambopata is extraordinarily rich in bird species. Left, Rufous Motmot Barypthengus ruficapillus martii; top right, Bat Falcon Falco rufigularis; bottom right, Capped Heron Pilherodius pileatus in breeding livery.







The Ese-Eja is the main indigenous group in Tambopata province. Living in a few communities along the Tambopata River and its tributaries, most Ese-Eja have farms near the river although there is at least one, rather isolated community in Tambopata that lives in a more traditional manner. Many Ese-Eja people also work with Rainforest Expeditions as guides, boat drivers, and cooks. Those from the community of Infierno actually own Posada Amazonas lodge. Seventeen other groups of indigenous peoples live in the rainforests of Madre de Dios many of these people have little or no contact with non-Amazonian peoples and continue to live in the rainforest just as their ancestors did for thousands of years. There are believed to be several hundred "uncontacted persons" in Madre de Dios that belong to tribes such as the Machiguenga and Mashco Piro.

## AN UNTOUCHED RAINFOREST HABITAT

The Madre de Dios region is renowned for being one of the top biodiversity hotspots on Earth. The huge tracts of lowland rainforest and high-elevation cloud forests harbor more than 1,000 bird species, several thousand plant

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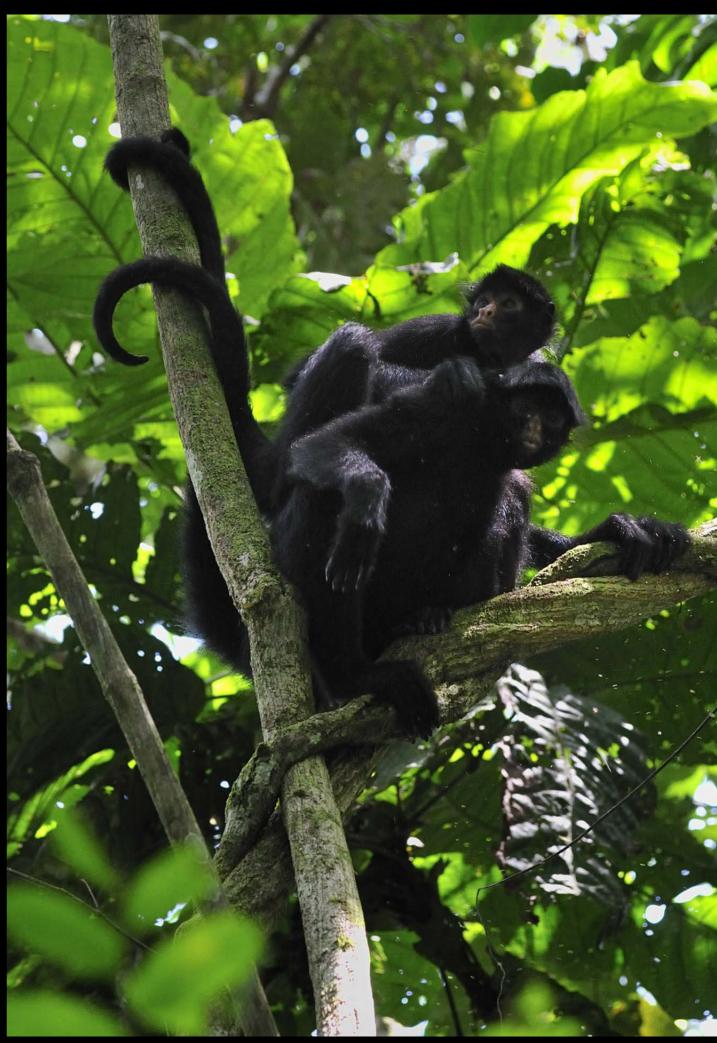


Left, a flight of Chestnut-fronted Macaw or Severe Macaw Ara severus.
Right, a White-throated Toucan Ramphastos tucanus.









Far left,
a Rainbow Boa
Epicrates
cenchria
cenchria coiled
in ambush
on a branch
overhanging
a forest trail.
Left, a pair of
Peruvian spider
monkey Ateles
chamek.

species, untold numbers of insects, and more than 100 mammal species. The incredible variety of life that occurs in southeastern Peru is explained by the environment of tropical rainforests. These complex habitats harbor the highest levels of terrestrial biodiversity on the planet and are the prominent habitat in Madre de Dios. The forests of Madre de Dios have acted as natural refuges: in the past, the Amazon rainforest has gone through dry periods where the forest was separated into "islands" of humid forest surrounded by drier grasslands. The province of Madre de Dios (and much of eastern Peru) is believed to have been one of these islands of rainforest habitat and thus acted as a natural refuge for rainforest animals and plants. Since the forests of Tambopata, Manu, and Tahuamanu remained intact for millions of years, there was more time for wildlife in Tambopata to evolve into a greater variety of species. The biodiversity of Madre de Dios has become a huge draw for tourists and people come from all over the world to experience the beautiful rainforests of Tambopata and Manu. The high number of visitors that include Peruvian jungle excursions into their itineraries has spawned a thriving ecotourism industry in Madre de Dios. Eco-lodges in Manu and Tambopata are the two main destinations. Thousands of solo travelers, tour groups, and families visit Tambopata in particular due to its



Scarlet Macaws Ara macao and Blue-and-Yellow Macaws Ara ararauna will occasionally fly together.















accessibility. Puerto Maldonado can be reached by a quick flight from Lima or Cuzco and most of the lodges are just as quickly reached by a boat trip on the Tambopata River. The award winning Posada Amazonas lodge is a frequent destination as is Refugio Amazonas. The more remote (and for wildlife photographers probably more interesting) Tambopata Research Center is also a highlight for parrot lovers and ecotourists hoping to experience the Amazonian wilderness.

## THE AMAZING BIODIVERSITY OF TAMBOPATA

Tambopata is a river, a National Reserve and a province in Madre de Dios state. It harbors some of the most biodiverse rainforest in the country (and possibly the entire Amazon basin), huge protected areas, and is home to several thousand people. Remote, wild, but still easily accessible, this contrasting combination has helped it to become one of the global hotspots for ecotourism. "Tambopata" is derived from two Quechua words that mean "inn" or "place of accommodation" (tambo) and "high point" (pata). The reason why the rather flat, lowland rainforests of Tambopata received this name is not forthcoming but may reflect Andean foothill areas of Tambopata that were visited by Incan peoples. Despite its Quechua name, the region wasn't really used by the Incans for much of

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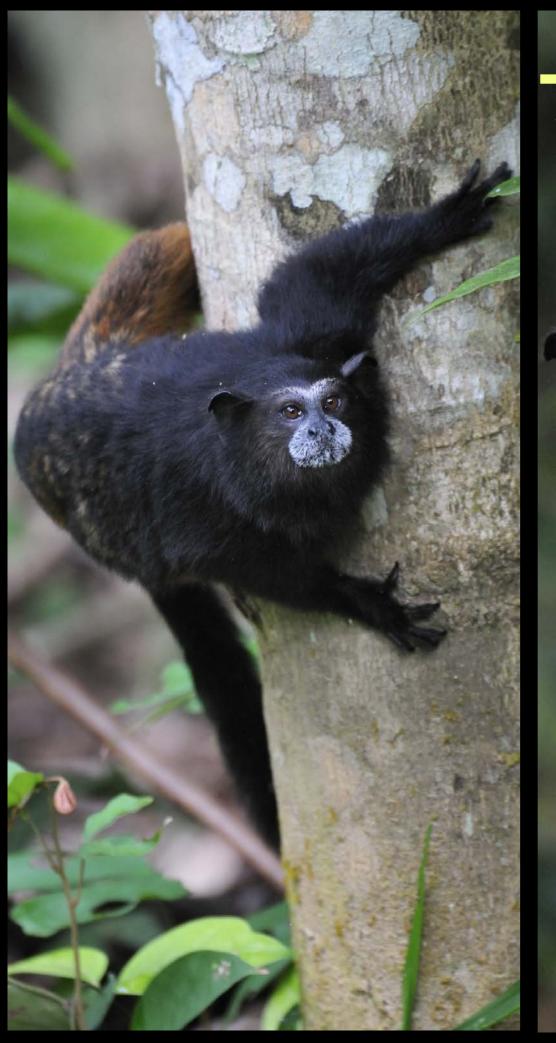
their history. Tambopata was first settled thousands of years ago by indigenous, Amazonian ethnies such as the Ese-Eja. Living in small villages, they cultivated yuca and hunted in the surrounding forests. The plants of the rainforests also provided them with building materials and a wide variety of medicine.

During the Spanish colonial period, access to the Tambopata region was so difficult that it was largely ignored and left to its own devices. This changed at the beginning of the twentieth century during the Peruvian rubber boom. As people from outside the region searched Tambopata and many other areas in southeastern Peru for rubber trees, they frequently came into conflict with indigenous groups. Many locals were enslaved and perished from diseases brought by the new colonists. Although the rubber boom didn't last long, it made a big impact on indigenous groups of the Tambopata region and their populations declined as a result. Decades later, colonists to Tambopata began to arrive from the highlands in search of a better life and gold that had been found in the rivers. Shortly thereafter, the first eco-lodge was built in the area and tourists slowly began to make their way to Tambopata. As word spread about the diversity of the Tambopata region, it grew in popularity as a destination and became one of the most popular sites to visit in Peru after the year 2000.

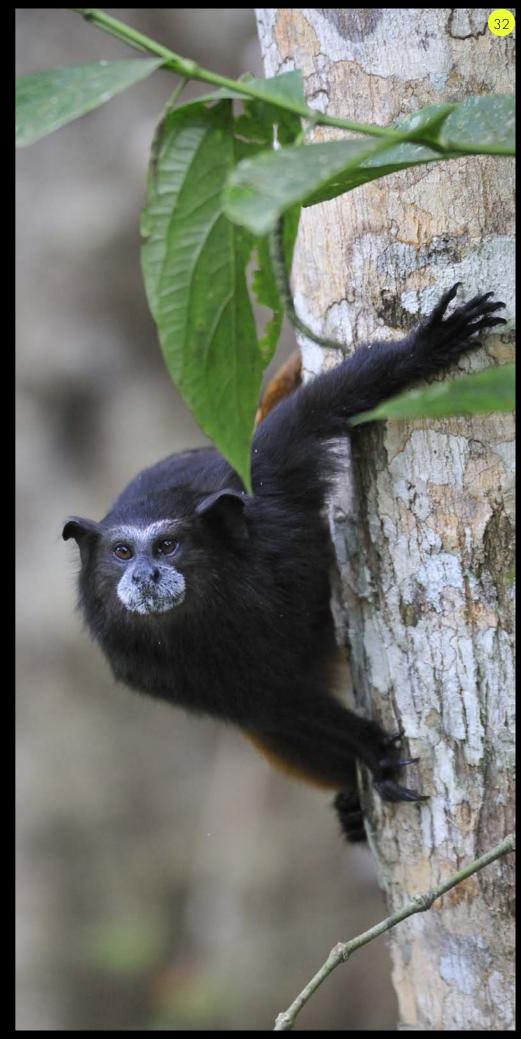
Tambopata continues to be a

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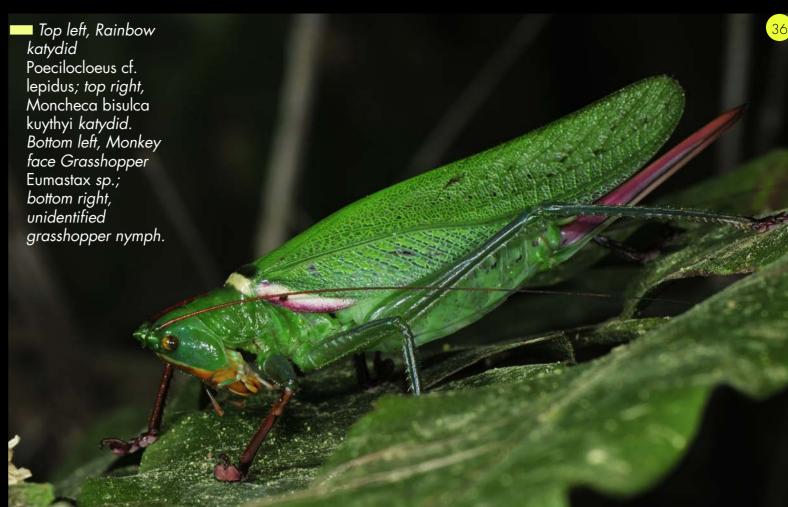
destination of choice for thousands of people experiencing Peru. Increasing numbers of colonists and pressure on the rainforests from mining and a new road linking the Pacific and Atlantic Oceans have been challenges to conservation, but large protected areas and the importance of ecotourism help to buffer these threats.

## A HISTORY OF CONSERVATION

The first protected area in Tambopata was the Tambopata Reserved Zone. Established in 1977, it encompassed over 5,000 hectares of lowland rainforest and palm swamps near Explorer's Inn. In 1990, this protected zone was expanded to include the watersheds of the Tambopata and Candamo Rivers and thus grew in size to a massive 271,000 hectares. Shortly thereafter, the name of this protected area was also changed to the Tambopata National Reserve. Combined with the adjacent Bahuaja Sonene National Park and the Madidi National Park in Bolivia, these sister reserves protect a scarcely inhabited tropical rain forest the size of Belgium (over 3,000,000 hectares, or 30,000 square kilometers). Situated on the southern side of the Tambopata River, this huge area of beautiful lowland rainforests harbors an equally

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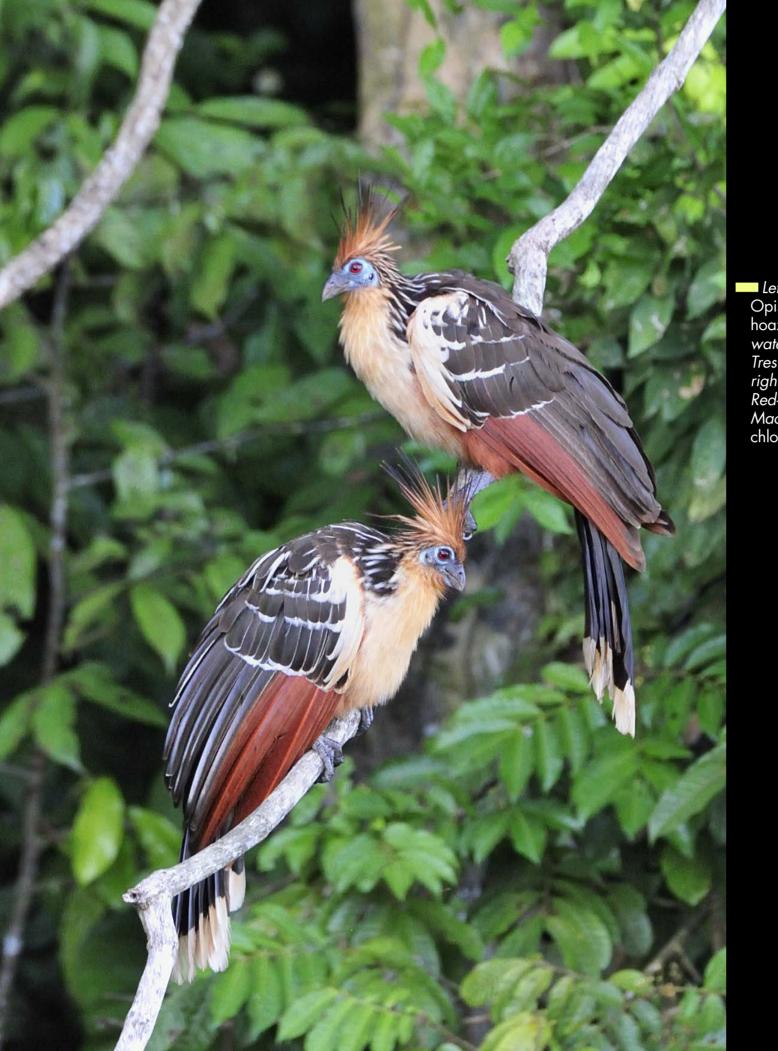
impressive array of biodiversity. The numbers of species that make their homes in these rainforests demonstrates why the Tambopata region is often referred to as the most biodiverse place on Earth. It harbors more than 10,000 species of plants, over 600 species of birds, 200 species of mammals, more than 1,000 butterfly species, literally thousands of species of insects and well over 100 species of amphibians and reptiles. Staying - as we did - at the Rainforest Expeditions lodges offers the chance to experience firsthand and on a daily basis this biodiversity because lodges such as Refugio Amazonas and Posada Amazonas are located adjacent to the Tambopata National Reserve. The wild nature of the Tambopata National Reserve is further protected by the presence of the one million hectare Bahuaja Sonene National Park that abuts the reserve to the south. This is also where the Tambopata Research Center is located. But what is it like to actually explore the Tambopata rainforest in search of photographic subjects? A day-to-day chronicle of our trip there will follow up in the second part of our trip report.

DON'T MISS THE SECOND INSTALLMENT OF OUR TAMBOPATA STORY – COMING IN MARCH 2015 ON ISSUE 18 OF ANIMA MUNDI – ADVENTURES IN WILDLIFE PHOTOGRAPHY!





Penelope
jacquacu. This is
a rather shy, large
and relatively
common species
which is best
seen at or near
clay licks.



Left, Hoatzin
Opisthocomus
hoazin at the
water's edge in
Tres Chimbadas;
right, a pair of
Red-and-green
Macaw Ara
chloropterus.

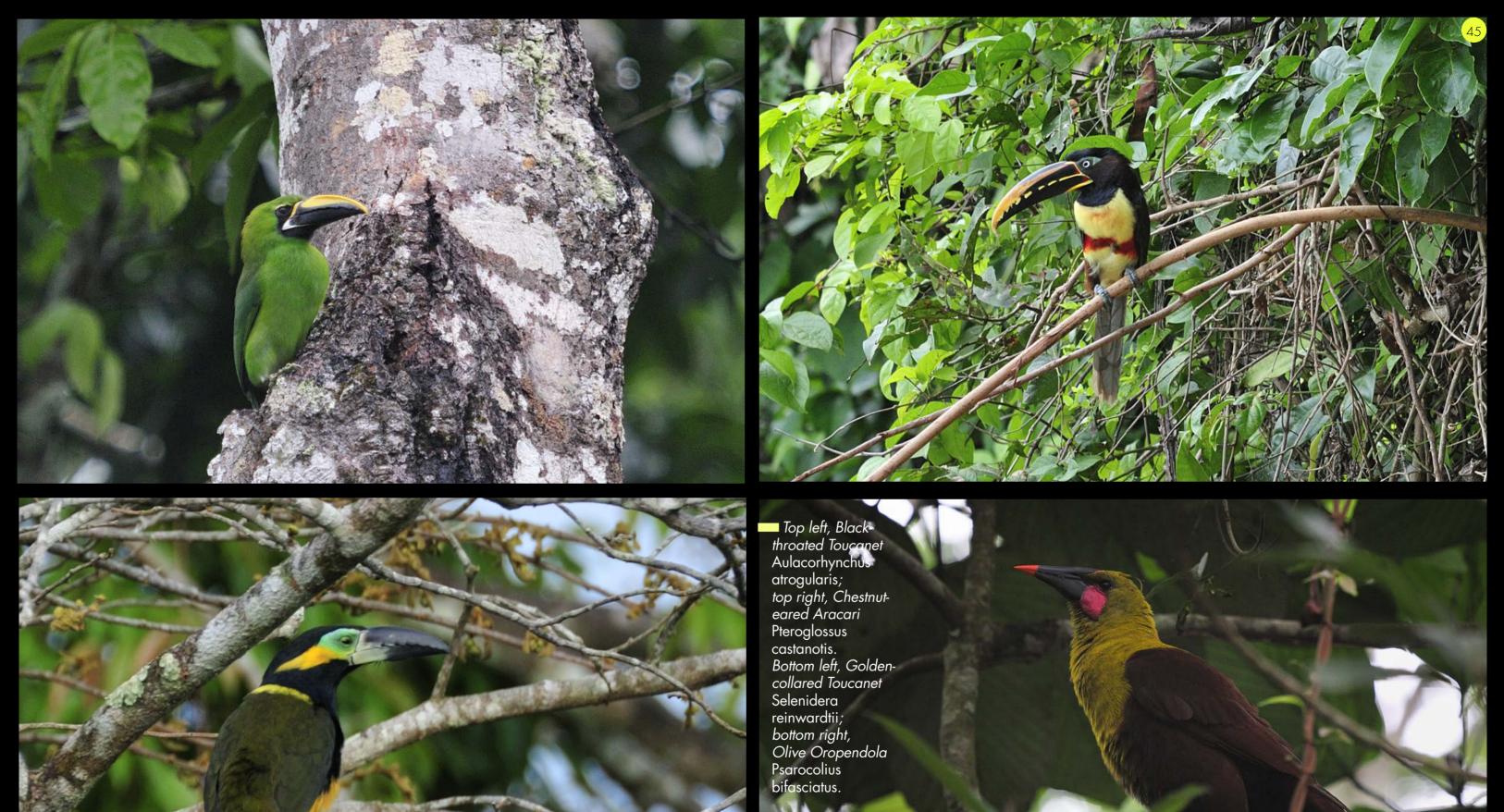




Left, Fulgorid
Waxtail Lantern
Bug Pterodictya
reticularis;
right, butterfly
Caeruleuptychia
lobelia.











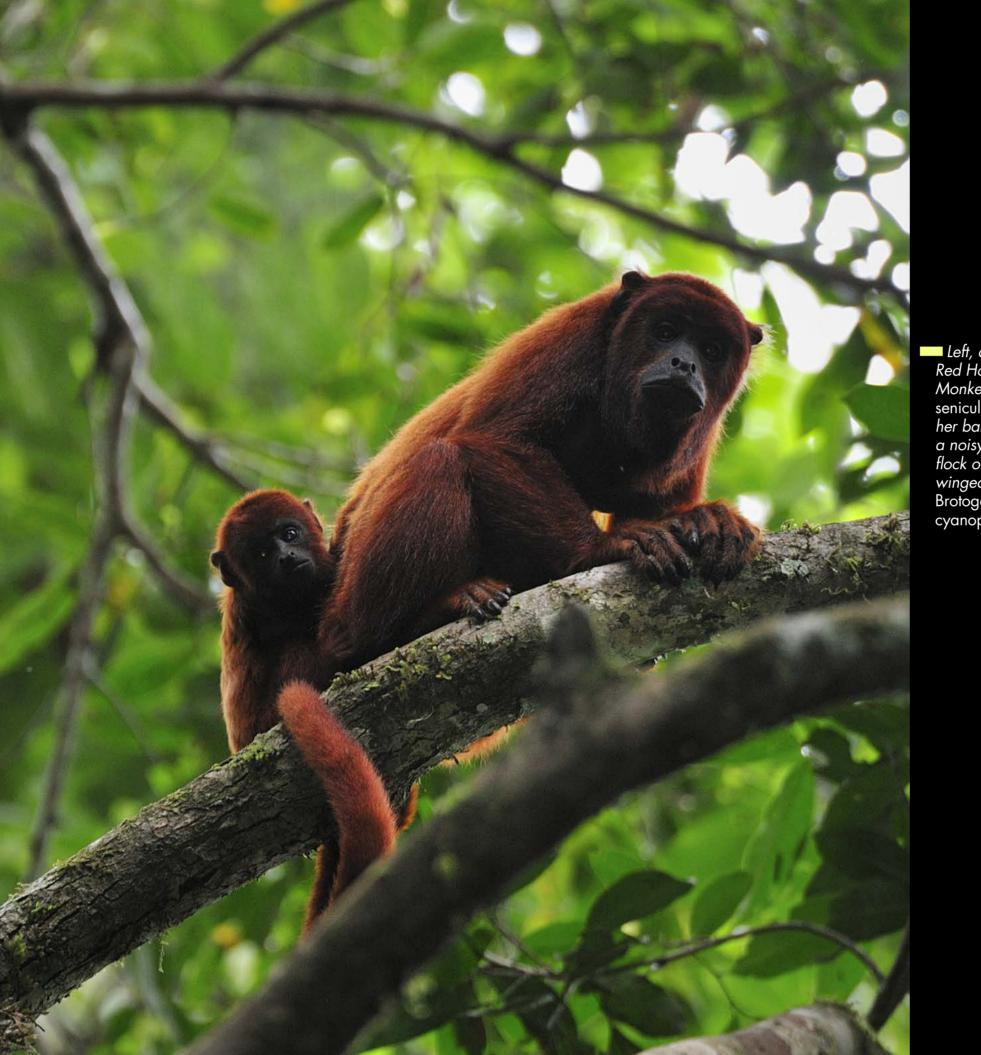
The Tambopata

Reserve offers
excellent opportunities
to observe and
photograph the Dusky
Titi Callicebus moloch.



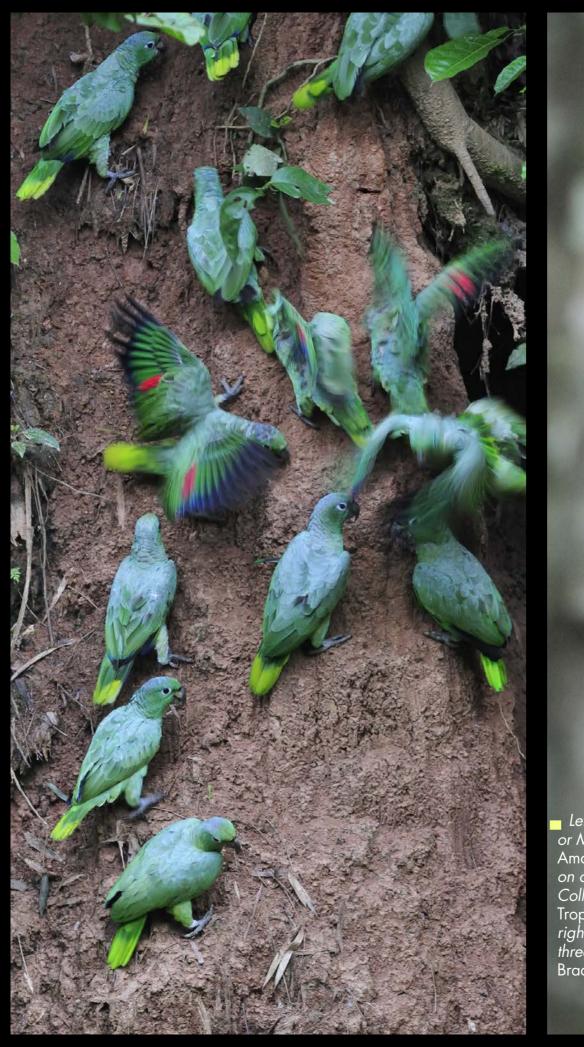




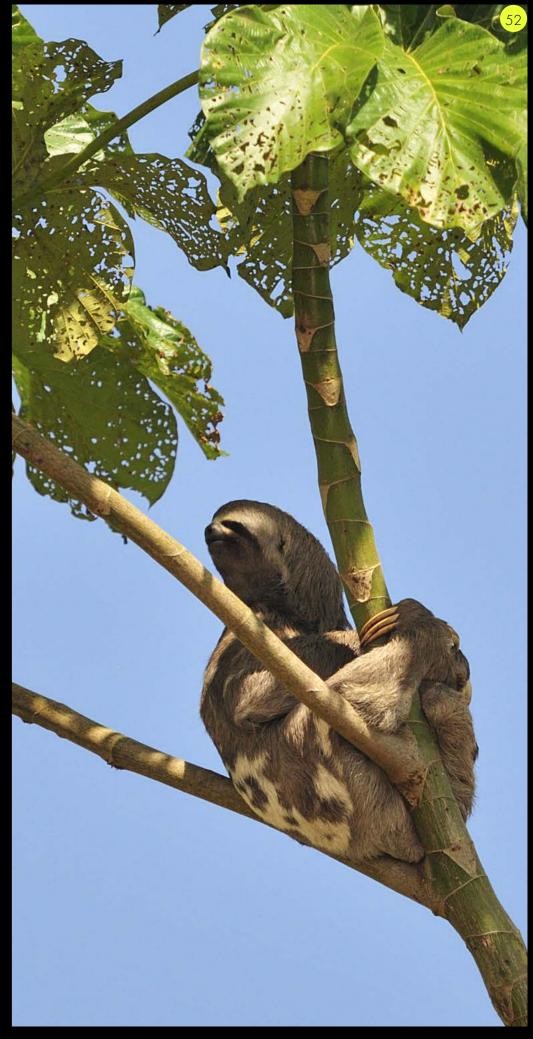


Left, a female
Red Howler
Monkey Alouatta
seniculus with
her baby; right,
a noisy, fast-flying
flock of Cobaltwinged Parakeet
Brotogeris
cyanoptera.















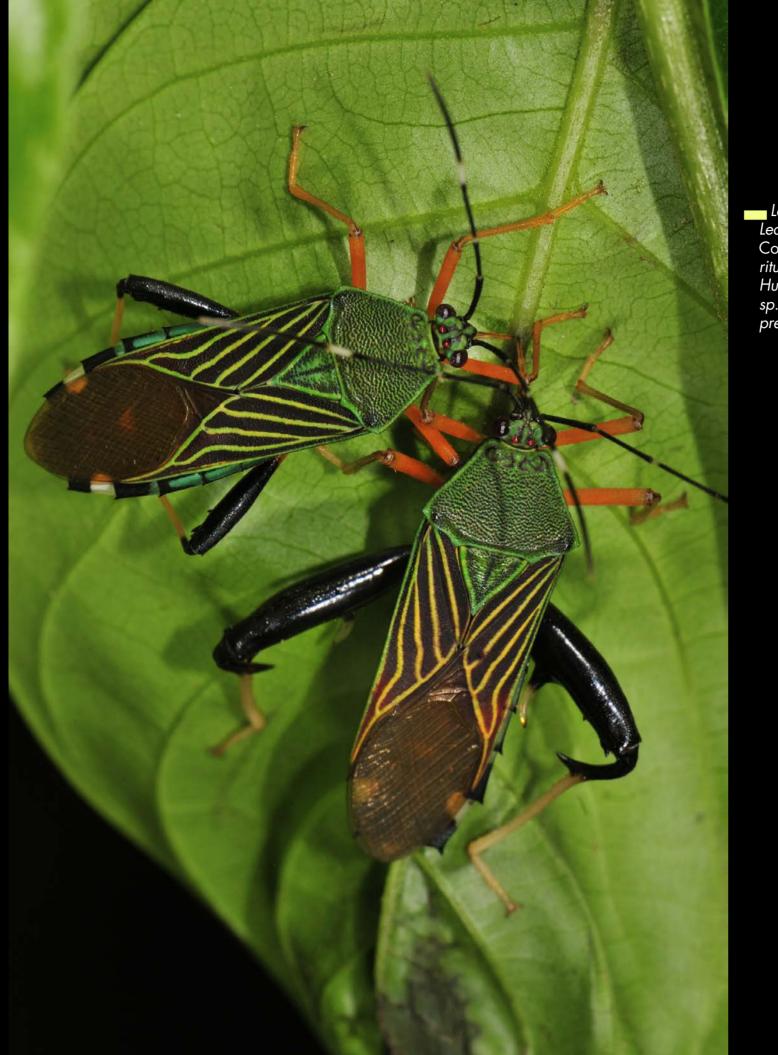












Left, a pair of colorful Leaf-footed bugs, family Coreidae, in courtship ritual; right, a large Huntsman Spider Olios sp., family Sparassidae, preying on moth at night.

