







biomass in India and one of the highest in the world. Not only it has a high density of the Hoolock gibbon, the only ape in India (roughly 100 individuals split in 26 families), but it is also one of the last strongholds of the endangered Stump-tailed macaque (230 individuals in 2 troops), of the threatened Assamese macaque (46 individuals in a single troop) and of the equally endangered Capped langur (160 individuals in 14 troops). The fact that it can only be explored on foot only adds to the excitement and to the apparently endless number of small species which can patiently searched for, found and photographed at ease: in its forest we have encountered and documented the fascinating Jumping Spider mimic Moth (see our article here), the mysterious Golden viper of Assam (see our story here) and the stunning Bird.-poo Crab spider (see here), plus an overwhelming variety of Salticid Jumping spiders, many yet undescribed and a few of which can be seen gracing these pages. The Sanctuary trails are easily followed and very well maintained, but the presence of a rifle-armed warden is mandatory given the very real possibilty of bumping into the irascible local elephants or even a leopard.

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The Sanctuary's thick and stunningly beautiful evergreen forest can only be explored on foot.





Left, a
dominant male
Stump-tailed or
Bear macaque
Macaca
arctoides;
right,
two views of the
endemic and
rarely observed
Red-headed
trogon
Harpactes
erythrocephalus.







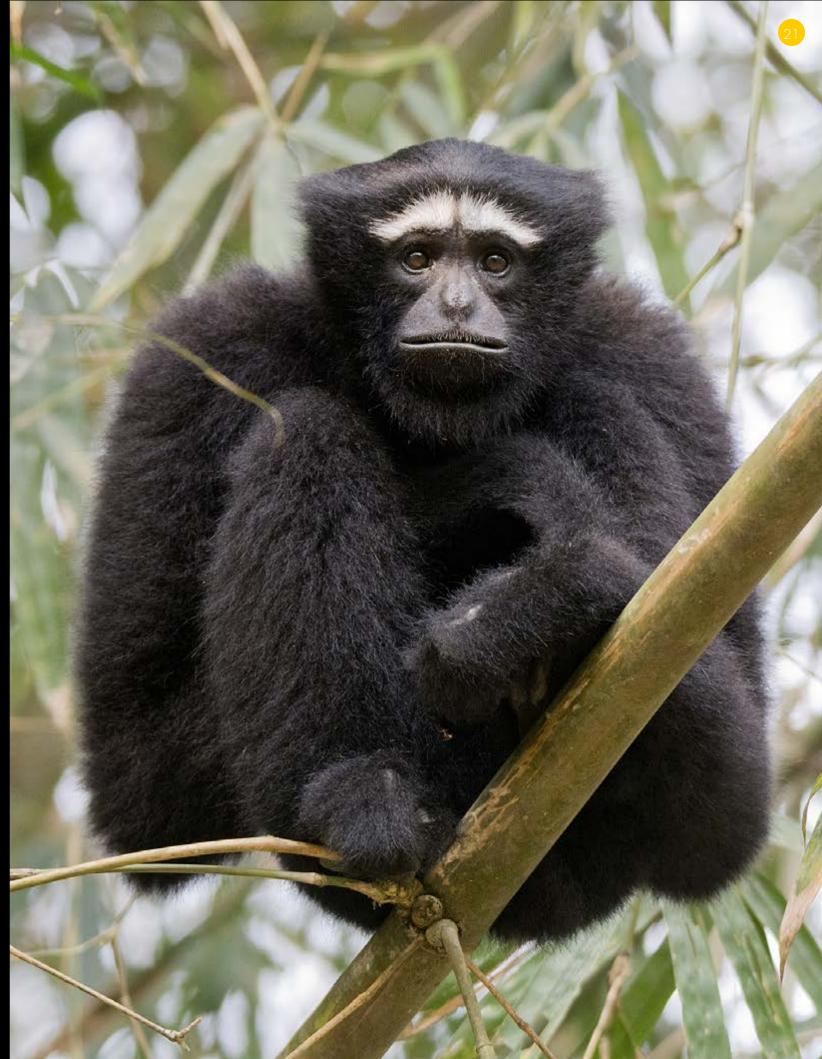
the axe first and the chainsaw later. The Hoollongapar Gibbon Sanctuary derives from a patch of forest once part of the Hollongapar Reserve Forest in the civil district of Jorhat. Set aside as a "Reserve Forest" on 27 August 1881, it was named after its dominant tree species, the Hollong Dipterocarpus macrocarpus. At the time, it was considered an "integral part" of the foothill forests of the Patkai mountain range. The Sanctuary was officially constituted and renamed in 1997. Although its absurdly tiny area is currently completely surrounded by tea gardens and a few small villages, it used to connect to a large forest tract that ran to the state of Nagaland. The protected area started with 206 ha (0.80 sq mi) and then shrank in 1896 as sections were de-reserved. As tea gardens began to emerge between 1880 and 1920, and villages were established during the 1960s to

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Left, Capped langur Presbytis pileatus feeding on leaves; right, male Western hoolock gibbon Hoolock hoolock.









Far left,
a yet undescribed
golden morph of
the Northern tree
pit-viper
Trimeresurus
(Cryptelytrops)
septentrionalis;
left, male Western
hoolock gibbon
Hoolock hoolock.

rehabilitate people from Majuli and adjoining areas who had lost their lands to floods, the forest became fragmented and the reserve became isolated from the foothills. In 1924, artificial regeneration was introduced in a long-sighted attempt to develop a well-stocked, even-aged forest. These plantations - along with the natural vegetation - subsequently created a forest stocked with a rich variety of flora and fauna. During the 1900s, forest areas were added to the reserve, eventually totaling 2,098.62 ha (8.1 sq mi) by 1997. However, the Sanctuary remains currently (and dangerously) fragmented into five distinct segments. On 30 July 1997, the sanctuary was finally constituted under the civil district of Jorhat and named the Gibbon Wildlife Sanctuary after the only apes found in India: the hoolock gibbons Hoolock sp. It is the only Sanctuary in India named after a gibbon due to its distinction for containing the densest gibbon populations in Assam. On 25 May 2004, the Assam Government renamed it as the Hoollongapar Gibbon Sanctuary. The Sanctuary officially now extends to the Dissoi Valley Reserve Forest, Dissoi Reserve Forest, and Tiru Hill Reserve Forest, which are used as dispersal areas for Indian elephants Elephas maximus indicus and other species. However, three extensive tea gardens that belong

Baby Stump-tailed or Bear macaque Macaca arctoides.









Top left,
Jumping spider,
Viciria sp.;
top right,
unidentified
Jumping spider;
bottom right,
Jumping spider,
possibly
Pancorius sp.;
bottom left,
Jumping spider
Hyllus
keratodes.





to the estates of Dissoi, Kothalguri and Hoolonguri span the distance between the Hoollongapar Gibbon Sanctuary and the nearest forests in Nagaland, the Dissoi Valley Reserve Forest, effectively sealing off the Sanctuary from any other protected area nearby.

## AN EXTRAORDINARY BIODIVERSITY

Despite its ridiculously small size and virtually complete isolation, the Sanctuary boasts an extraordinary biodiversity and is home to the only ape in India, the Western hoolock gibbon Hoolock hoolock, as well as the only nocturnal primate found in the northeast Indian states, the Bengal slow loris Nycticebus bengalensis (which is the only primate species present here which we missed). Other primates include the Stump-tailed macaque Macaca arctoides, the Northern Pigtailed macaque Macaca leonina, the Eastern Assamese macaque Macaca assamensis assamensis, the Rhesus macaque Macaca mulatta and the Capped langur Presbytis pileatus. Also found at the Sanctuary are Indian elephants, tigers Panthera tigris (not residents but rather the occasional stray), leopards Panthera pardus, jungle cats Felis chaus, wild boar Sus scrofa, three types of civet, four types of squirrel, and several other types of mammal. At least 219 species of bird and several species of snakes including Banded Krait, Indian cobra, Tree Pit viper and Python - are known to live in the Park. Since the Sanctuary can







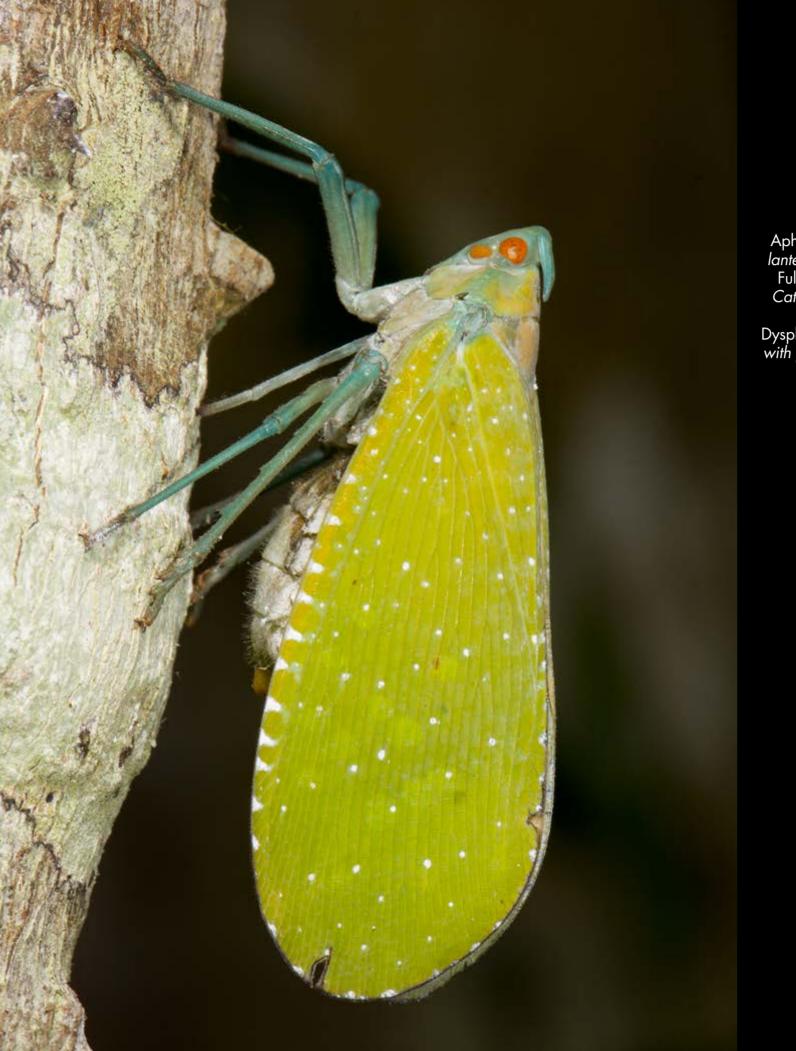




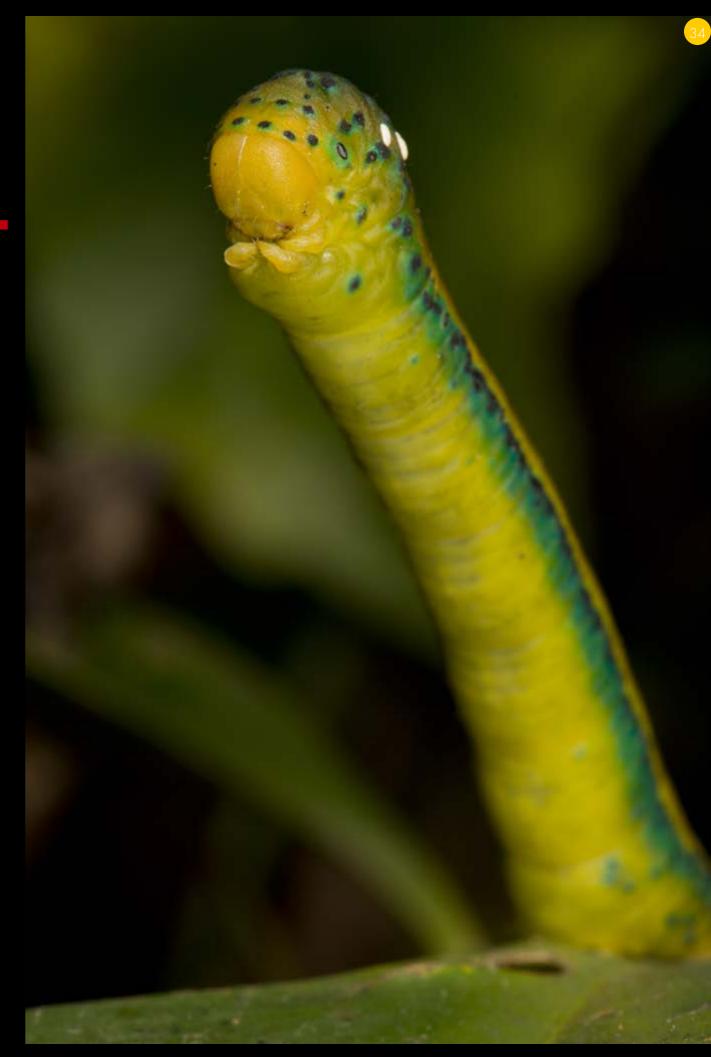








Left,
Aphaena aurantia
lantern bug, family
Fulgoridae; right,
Caterpillar of Blue
Tiger Moth
Dysphania percota,
with parasitic wasp
eggs.



















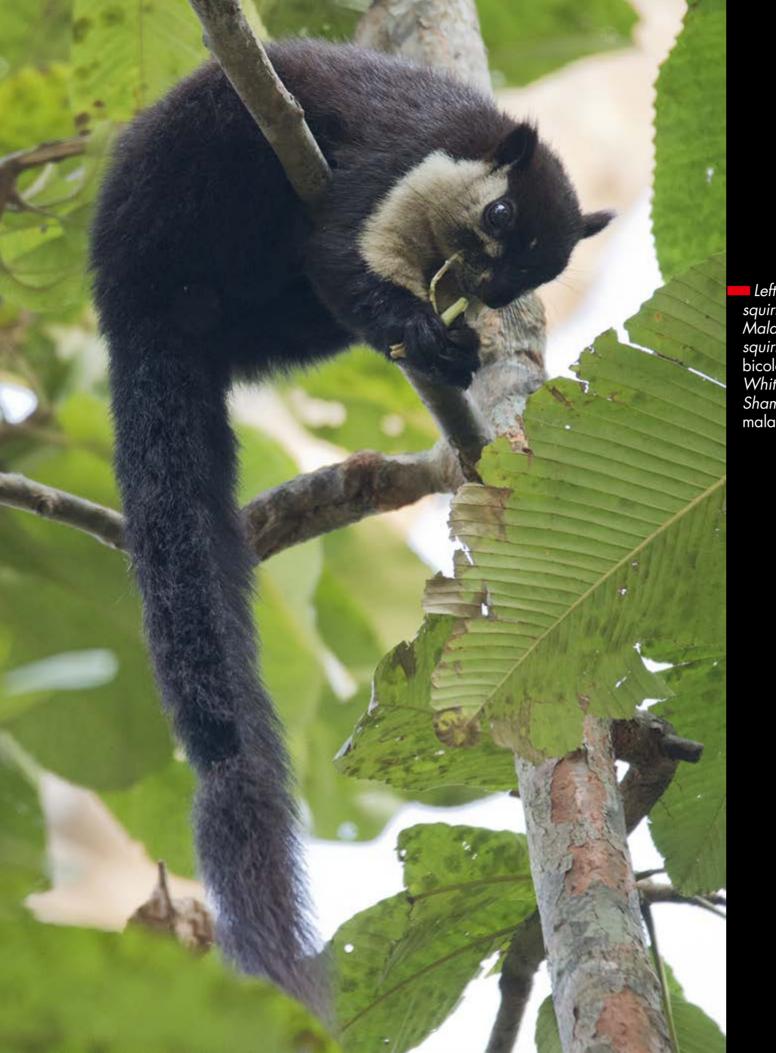


Left, exploring
the Sanctuary's
thick bamboo forest;
right, Oriental garden
lizard, Eastern garden
lizard or Changeable
lizard Calotes
versicolor.

firewood, traditional medicine and food, with large quantities of leaves and grass being collected from the forests to feed cattle. During the rainy season, herbicides and pesticides from the tea gardens wash through the Sanctuary. The tea gardens are also used by elephants as a migration route to Nagaland, making them vulnerable to frequent poaching. Railway lines further divide the Park, stranding a single group of gibbons in the smaller fragment. Illegal logging and the encroachment by local people employed by the tea gardens have here and there - also visibly degraded the habitat quality. Despite these problems - which could be solved relatively easy, but which risk to have tragic consequences if left ignored in the long term - the Hoollongapar Gibbon Wildlife Sanctuary is a travel destination the motivated wildlife photographer and nature lover cannot absolutely afford to miss.



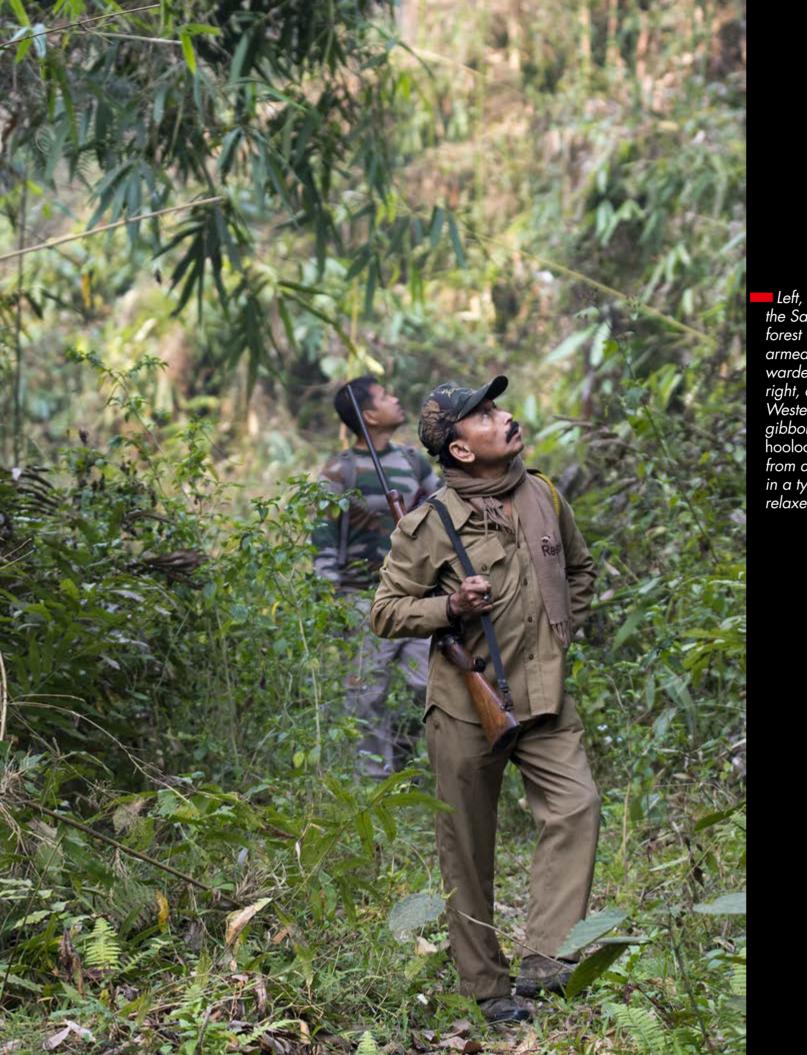




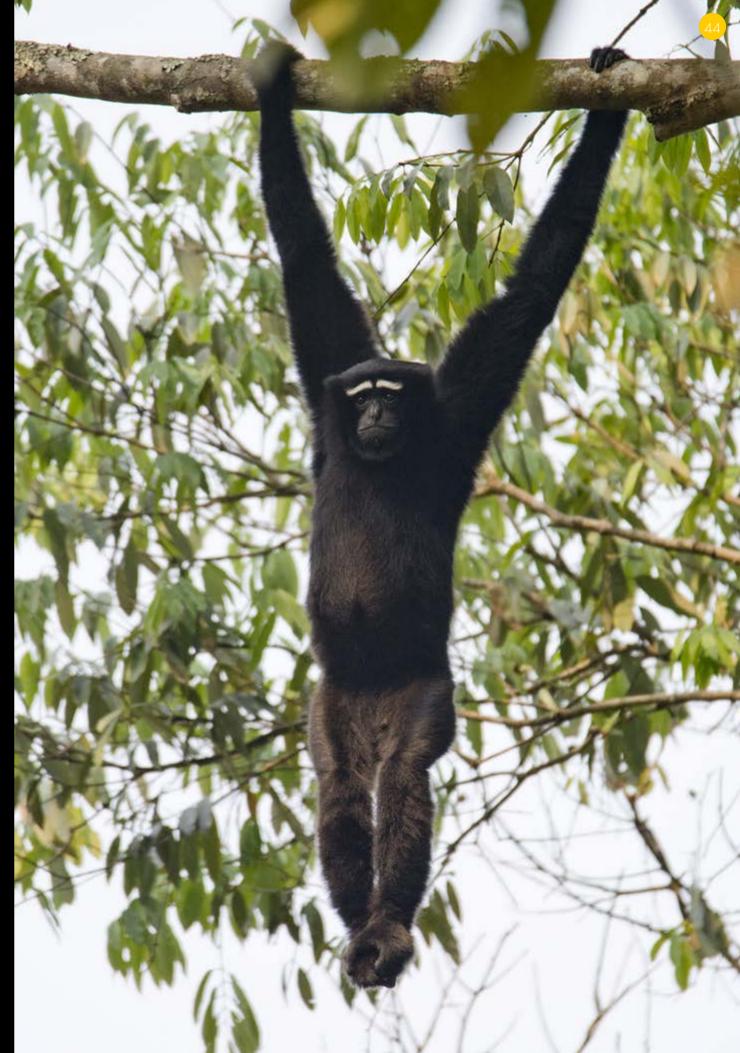
Left, Black giant squirrel or Malayan giant squirrel Ratufa bicolor. Right, White-rumped Shama Copsychus malabaricus.







Left, exploring the Sanctuary's forest with an armed Park warden; right, adult male Western hoolock gibbon Hoolock hoolock hanging from a branch in a typically relaxed pose.







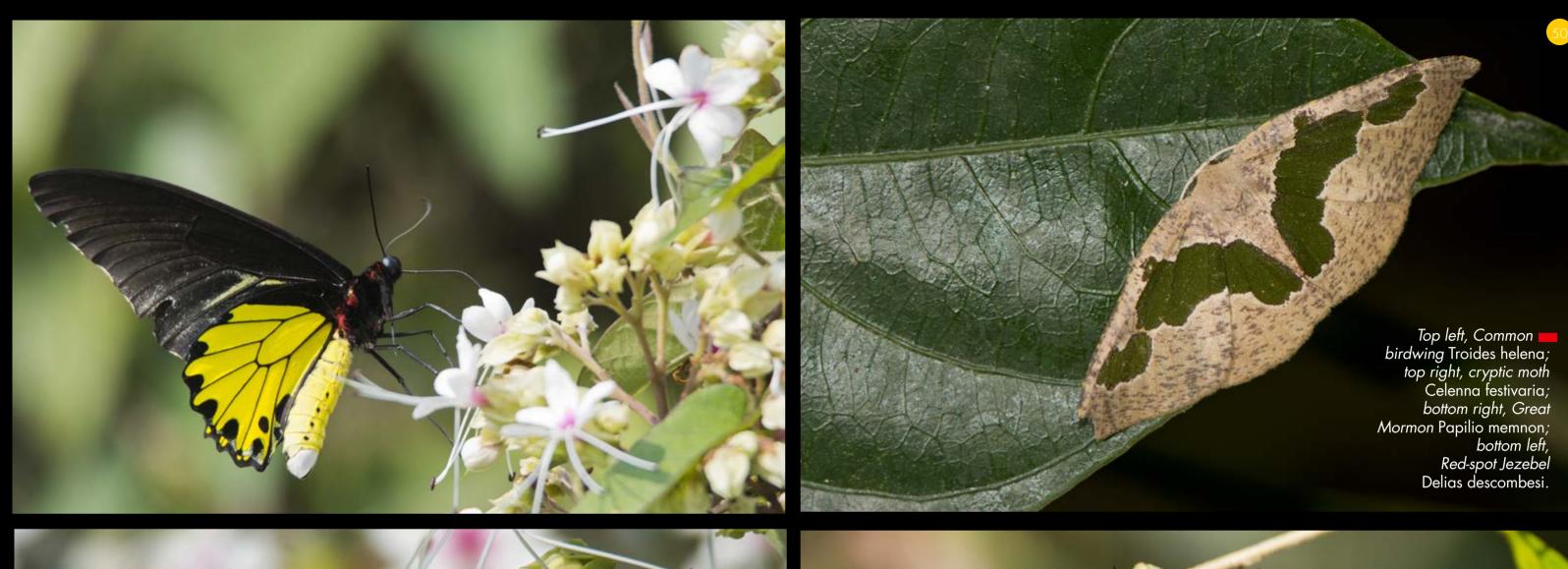


Left, a baby
Stump-tailed or
Bear macaque
Macaca arctoides
strikes an
irreverent pose;
right, adult male
Western hoolock
gibbon Hoolock
hoolock.

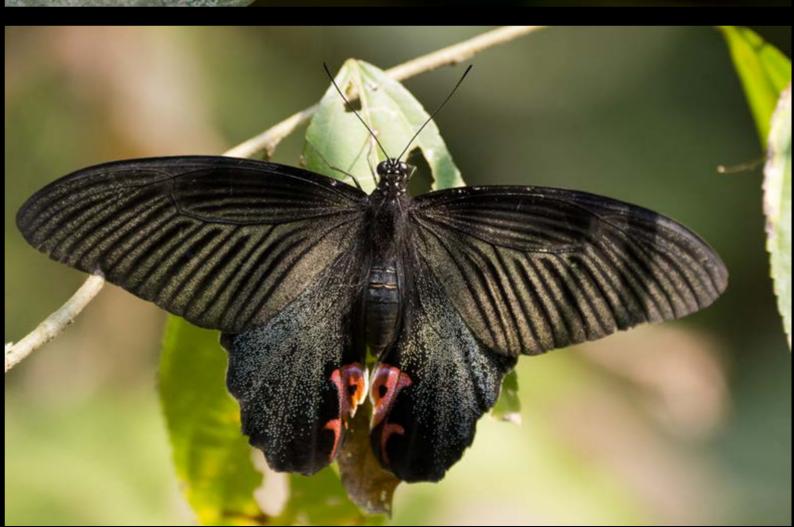














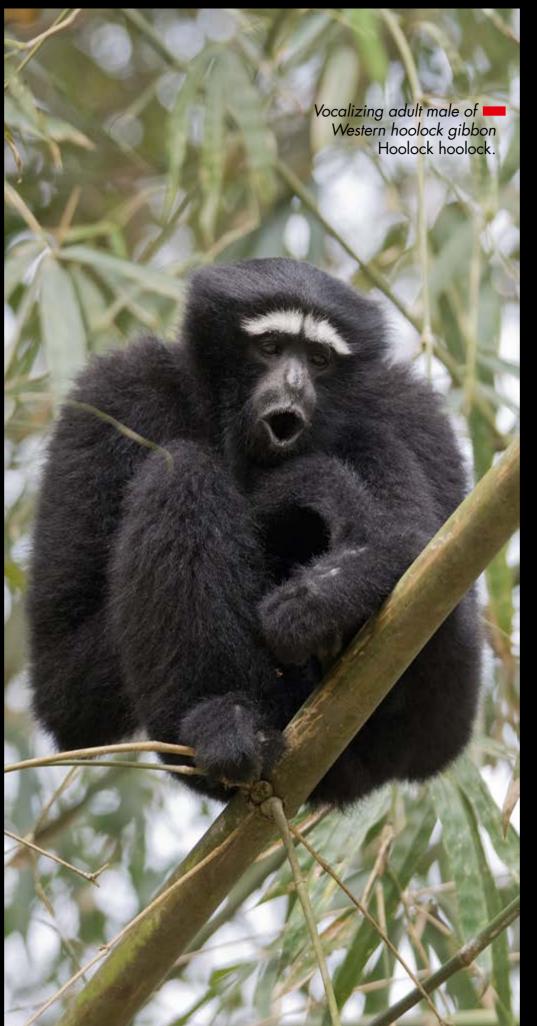
















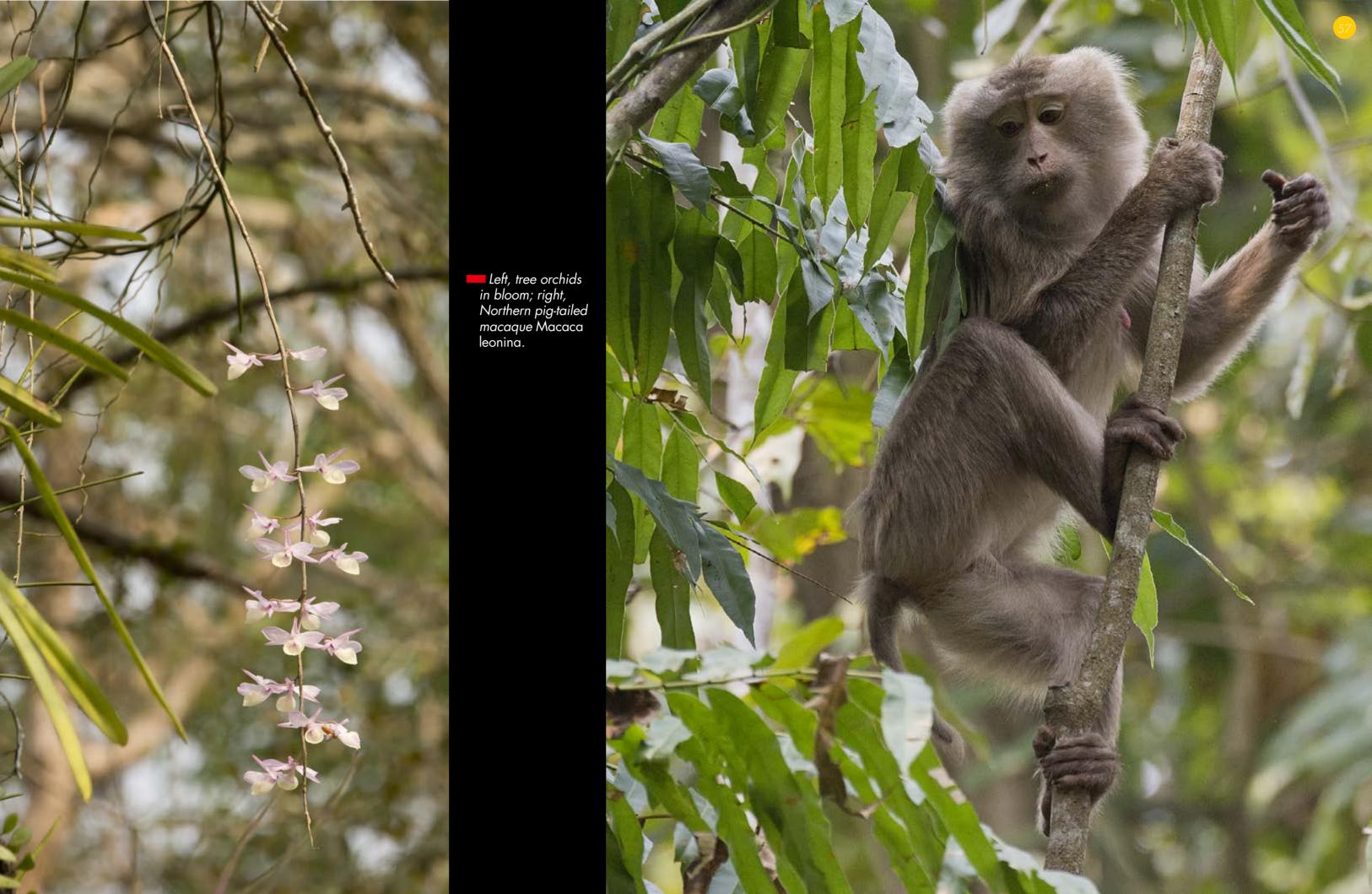


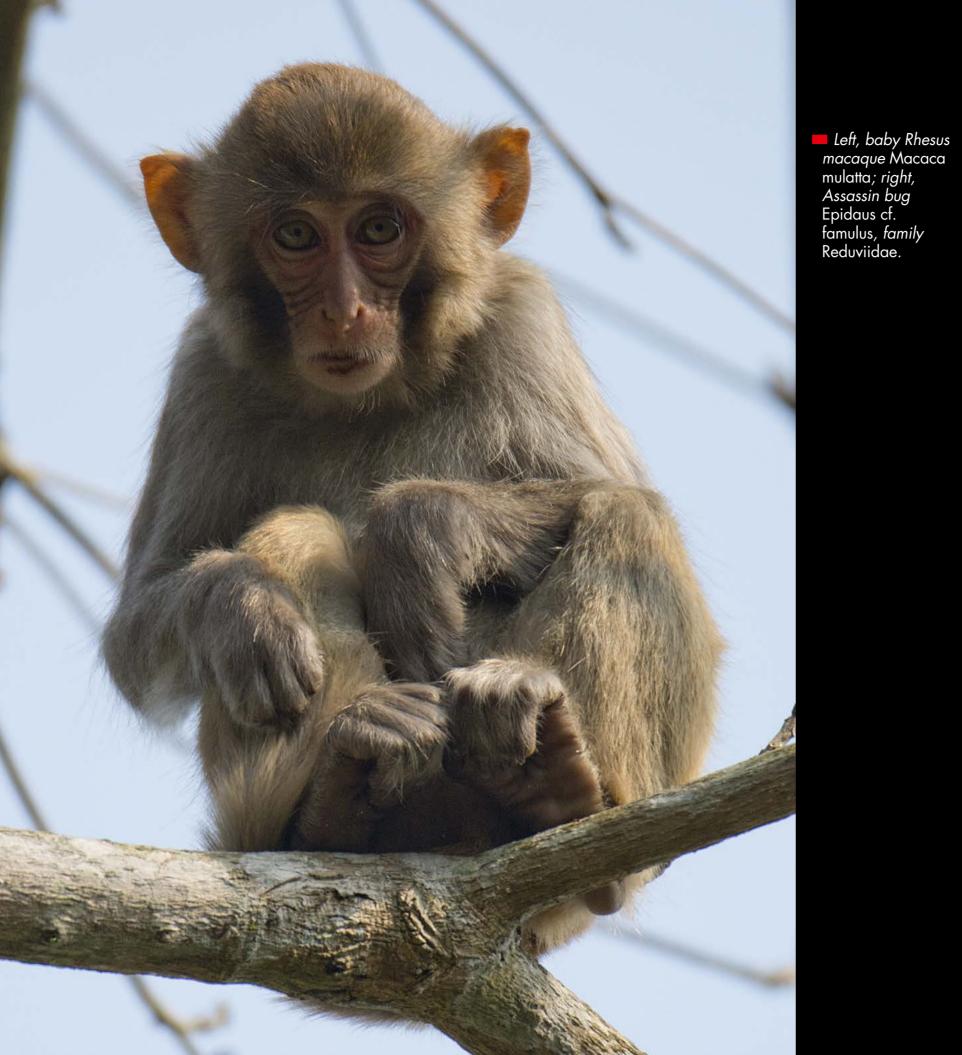






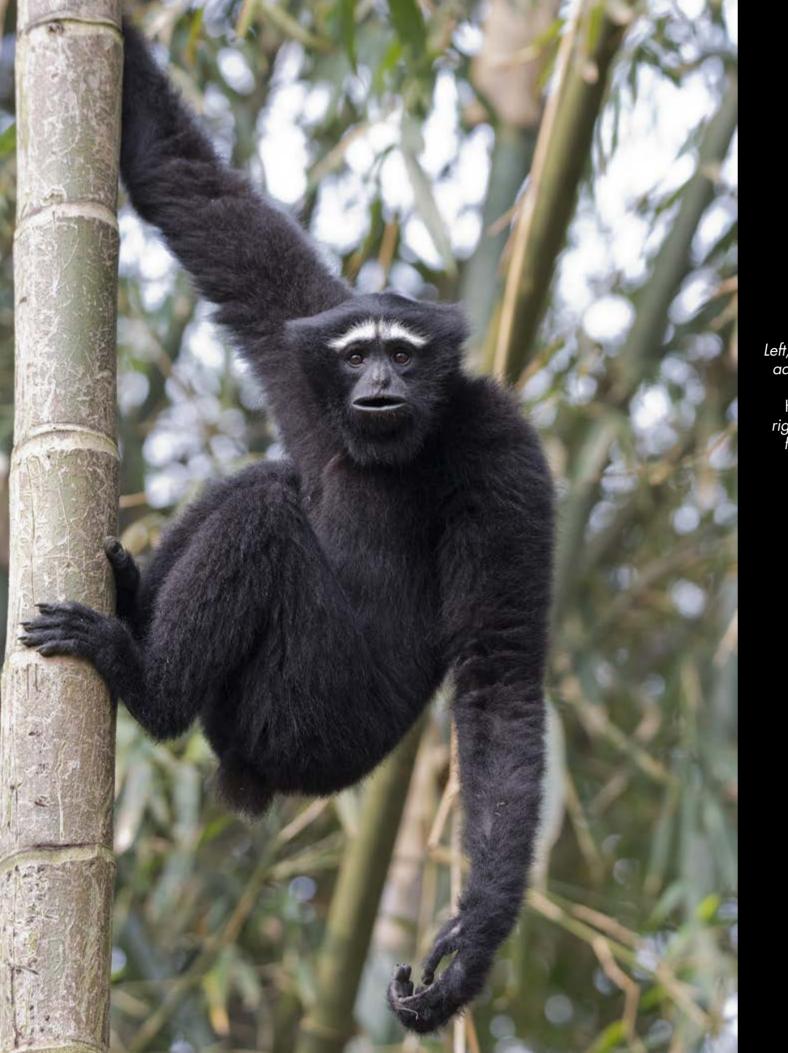
A male Rubycheeked sunbird Anthreptes singalensis feeding off an arboreal ant nest.











Left, portrait of an adult male Western hoolock gibbon Hoolock hoolock; right, Stalk-eyed fly, family Diopsidae.

