## AN <br> ILLUSTRATED GUIDE <br> TO THE

FEDERATED
MALAY STATES

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Enlioz:
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## CUTHBERT WOODVILLE HARRISON, MAlAYAN GUIL SERVICR.

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retained and a permit to import ( 50 cents) and a permit to carry (fee $\$=25.4$ d.) he charged.
(4) Bond-fide sportsmen will also have to pay for a game licence, fee ( $\$ 5=1 \mathrm{~m}$. 8d.) procurable from the chice police oficer of any district.
(5) Big game licences are issued by the Residem.
" Bis Game" includes elephant, gaur,
Tha canas séladang, rhinoceros and tapir only, and to shoot them a licence is rerpuired. 'Tiger, bear, leopard, panther and pig are outside the pale. Full particulars of big game licences, the charges for them and their duration, may be obtained on application to the Resident of the State in which it is proposed to shoot. The highest charge is $\$ 200$ ( $£ 3365.8 \mathrm{~d}$.) for four head of big game for six months, and the shortest time is one month at a charge of 880 ( $£ 965.8 \mathrm{~d}$.) for one head. A licence issued in one State must the endorsed by the Resident of any other State in which it is proposed to shoot.

The game birds of the Peninsula include peacock and various kinds of jungle pheasants, very rarely shot as they skulk in the deep jungle, quail, which are not numerous and anyhow hardly worth shooting, jungle fowl, which are numerous, but not easily shot, duck, seldom met with unless on the Perak river, pigeon, very numerous in some places and principal game bird after the snipe, and the snipe himself, for whose shooting the $\$ 5$ (as. Bd.) game licence is usually taken out. The game licence is valid throughout the Federated Malay States wherever it is issued.

Naturalists and bird collectors have to obtain a
IV.

## BIG GAME SHOOTING.

By Throdore R. Hubrack, author of "Elephant and Seladang Hunting in Malaya" (Rowland Wart, Limited, London).



There is a certain fascination about tatroauctoon. the expression "Big Game Shooting" which appeals to most Britishers, and a country which provides such shooting rill invariably be sought after by a certain section of the sport-loving community from our island home.

Malaya has been visited up to the prosent by very few sportsmen in search of Big Game, chiefly because 'very few people know anything about the country 25 a field for the Big Came hunter, and also because the many difficulties to be encountered have frequently proved on enquiry to appear so great that the wouldbe hunter-visitor has turned his attentions to some better known locality.

But the difficulty of obtaining a trophy generally enhances its value to the possessor, and those who are prepared to face a certain amoont of bard work and inconvehience, and are well posted up with
take what was necessary lor the "commissariat," and depart up-country or wherever news of game took one. If Malay coolies are treated like children, are not asked to do much work or carry more than 25 to 30 pounds a day, are allowed to amuse themselves as they think best when the day's work is over, even theugh their singing does set one's teeth on edge, the sportsman will find that he can manage fairly well with them, and that they will enter into the spinit of the expedition as far as their intelligence will allow them to do so ; but if, on the other hand, they are treated at all harshly or even like what they really are, paid servants, they will spend thost of their time sulking, and will not help towards the enjoyment of the trip.

Big game shooting in Malaya means the
The geme. hunting of elephant, séladang (the local lype of Bos Gaurus), and rhinoceros. On a sbooting trip the game will have to be searched for and tracked until found. A lucky chance may. give the hunter the opportunity of sitting up for a tiger, but such chance should in no way be counted on.

Elephant and sëladang, on the other hand, can lie found with fair certainty in many places in the Pedcrated Malay States, and although with the opening up of the country one has to go farther afield to reach the hunting districts, facilitics for travel have so muci improved since the advent of the automobile that one is able to reach a district in a day which a few years ago would have taken three or four to reach. There is
now little hunting to be obtained in Selangor or Negr: Sembilan, the greater portion of these countries have been opened up with roads and railways, and it would not be worth the while of the sisitor to try and oltain game in either of them. In Perak elephants are still to be found near the coast, and in Ujper Perak séla'dang, shinoceros and elephant can still be obtained, but the State where by far the best shooting is likely to be accomplished is the castern State of Pabang. Very little of Pahang has been opencd up, and there are many valleys which are sparsely populated, are well watered, and hoid quantities of big game. The State of Pahang is watered mainly by the Pahang river, which is the name given to the river made by the junction of the Tembeling and Jelai rivers; there are numerous other smaller rivers which help to swell the broad food of the Pahang, notably the Krau, the Semantan, the Triang, the Bera, the Jinka, the Jumpol, the Luit, and the Lepar. All these, which are navigable for small boats for some distances; from the main river, lead one to good hunting grounds, and a trip of a couple of months spent in Habang in search of big game would, with reasonable luck, result in success.

It must, however, be remembered that the hunting is difficult, tbat although there is plenty of game to be found it is not always easy for the visitor, who would presumably be ignorant of the language, to get the village Malays to work for him, and many disappointments must be expected before good trophies ate obtained: The best rewards will come to those who



RHIMOCEROS \{SU*ATRENSIS SHOT IT IGIA AT 4,000 FEET ON NAIN TANGE ABOVE KUALA LUBPUR
disturbed, however, they fully realise the danger of the salt licks and travel lang distances after their visits, the tracking of a beast from a salt lick often being a long aftair ; on the other hand, if a lick-is visited which has been left unvisited by man for some months, it is quite possible that the beast may be found lying up close to the salt lick and every precaution should be taken in approaching the spot.

It must be borne in mind, however, that it is not a legitimate way to obtain game by waiting for it in a salt lick; in fact, under the present game laws it is considered a serious offence. In the past, it has been a common practice for Malays and Sakai io build machans in salt licks and wait for the game to come to them, instead of tracking it in the jungle. This habit is now punishable by a heavy fine.

Fresh tracks picked up in a salt lick may have been made by some beast now many miles away. It is, of course, an extremely interesting experience to find tracks in this way, and eventually to bag the same beast hours later after long and careful tracking. No sportsman worthy of the name pould think of sitting up in a tree to shoot such a magnificent beast as a wid elephant, or a sěládang, or a rhinoceros.

There are two species of rhinoceros
The to be foumi in the Malay Peninsula, the Javan rhinomeros (rhinoteros sondaicus) and the Sumatran rhinoceros (rininouevos sumatronsis). The former is very rare; and, as far
as the writer knows, has never been recorded south of about 4 degrees rorth of the equator.

The Sumatran thinoceros is still to be found in remote spots in the mountain range which forms the backbone of the Peninsula. Their hunting requires a very considerable anount of patience and a good deal of endurance. A rininocerov is one of the most exasperating animals to huint It loves the hiils and adores the mountains. Immediately on becoming aware that it is bcing followed, it will make for the steepest ground that it can find in the near vicinity, and its short sturdy legs soon make short work of any mountain side, however stecpA rhinoceros thinks nothing at all of going straight up a thousand feet or so for the pleasure of going straight down the other side. No zigzagging about for nim, no hamracring down a path in iront of him in the way an elephant does in steep ground, just a sharp dig with his three toes, and prohably a little gritting of his teeth, and up he goes until he reaches the top.

A rhinoceros, however, is a fool until he gets the hunter's scent; then he becomes one of the wisest animals in the jungle. In hunting rhinoceros, the chicf thing to do is to try and locate him before he locates you. This is very dificult, becalise a thino does not make much noise feeding, only oceasionally breaking down saplings to feed on the leaves, and when he slceps, which he does quite frequently, he makes no noise at all. He hax, howewer, quite an extensive vocabulary of his own,
consisting of little squeaks and chuckles when he is feeding or wallowing, no doubt to show his contentment, and roars and grunts when alarmed, no doubt to try and pass on some of his own fear to the source of his alarm, and sometimes the hunter can locate him by the sounds he makes in this way.

Like all other branches of still hunting and hunting by tracking, luck enters into the thing a good deal; once on the red-hot tracks of a rhino, a little luck, and you will get a shot.

Perseverance also counts a great deal in bunting rhinoceros. It may seem absolutely impossible in dense jungle to hope for a further chance at a beast which has broken away perhaps half a dozen times during two days of most cxbausting hunting, on each occasion the chance of getting a shot having seemed a cortainty ; but the opportunity will come, and the trophy, if the entire head is taken, is worth quite a lot of trouble to secure. In hunting thinoceros in the mountains, the sportsman must be prepared to follow a rhino for a week or longer if he is determined to take home the much coveted trophy.

In the State of l'erak near the coast in the vicinity of the Dindings there were at one time large numbers of the Sumatran rinoceros, and they can still be found there, but in most parts of the Malay Peninsula they are only to be found near the mountain ranges.

Malays often report the presence of a rhinoceros on the evidence of the tracks of a tapir, which they carelessly mistake for the tracks of a rhinoceros; the
track of the latter, which distinctly shows the broad blunt-ended centre toe-nail, should never be confounded with the track of a tapir, which is smaller, and which has four toes on the front foot-a rhinoceros has only tinree-the largest toe-nail on the fore foot being much more pointed than the centre toe-mail of a rhinoceros.

Tapir are fairly common over the centre Yeninsula, but are not likely to be sought after by sportsmen. They carry no trophies, are extremely shy, and although interesting animals can scarcely be classed as "Big Game."
:Game Wardens have now been appointed to each State, and full particulars will be supplied by them to any resident or visitor who wishes to hunt big game in the States of the Federation. Letters addressed to the Game Warden uf the State at the State capital would reach their destination.

## PERAK MUSEUM

Hevised by
I. H. N. Evans, M.A.,

Curator and Ethnographical Ascistant.
The Perak State Museum, which owes its inception to the late Sir Hugh Low, G.C.M.G., third British Resident of Perak, was started in 1883 in a building of very modest proportions, which has been added to with the growth of the collections until, at the prement date, it covers a very considerable area. The latest addition, comprising a two-storied block 80 feet by 40 feet, for the local ethnographical exhibits, was completed in 1902.

The scope of the Muscum is the illustration, with some attenpt at completeness, of the zoology, geology, mineralogy and ethnography of the Malay Peninsula from the Isthmus of Kra to Singapore, though an yet no great advance has been made in the formation of collections from the more purely Siamese portion of this area, the Museum being primarily Melayan. In the asse of etbnography-in which the Mueum specialies-it has not been considered desirable that the productions of people of Malayan stock now resident in, but not indigenous to, the Yeninuala should be rigidly excluded, as this would rule out some of the mast beautiful objects of Maingan oraftamanship found in the country; but the 300bogical cotlectiona are strictly confaned to the thaia abow referred ta

On the opposite side and down the centre of the hall is arranged a very complete series of the mammals of the Peninsula, from the apes and monkeys to the rodents and edentates. Many of the larger animals in this division are some of the finest examples of the taxidermist's art extant, amongst which may be specialiy mentioned a kria monkey, a tiger, and the mountain goats or kambing gerur, the adult of which was the first cver obtained in the Malay States by an European, having been shot by Sir Frank Swettenham as it was crossing a landslip below "The Cottage" on the Larut Hills. Other fine pieces of work are a tapir from the Matang District and a two-horned rhinoceros from near Sitiawan on the Dindings border. A nearly complete set of the squirrels of the Peninsula is also shown, from a species smaller than m house rat to one as big as a cat in size, which does great damage in the durian orchards at the fruiting season.

Among the carnivores a specimen of the clouded tiger or rimau dahan is noteworthy for its extreme rarity in the Malay Peninsula, though it is said to be of fairly common occurrence in Borneo and parts of Sumatra.

The exhibited bats include several examples of the Malay ketwang or flying fox, the largest of the order, having a spread of wing, in full-grown speeimens, of nearty five feet. The scaly anteater or tenfgiling, the one animal of which, according to Malay folk-tales, the lordiy elephant stands in terror, is also on view in several characteristic attitudes. It is met with in numbers in the flatter parts of the country, and is

