

is more than probable that before the close of the century this, the largest of all the mammals after the elephant, will be extinct. There are but very few preserved specimens in existence to give the natural-history student of the future an idea of its enormous size and peculiar structure. It is now generally recognised that there are in Africa only two varieties of the rhinoceros, the black and the white; the old Dutch elephant-hunters always believed in several, advancing as their reason the different lengths of the anterior horn, and judging entirely by this standard. Both sorts are easy to shoot, and it is small wonder when a long train of carriers has to be fed, or when natives are hunting for a supply of meat to carry back to their kraals, that a rhinoceros was always shot in preference to buck, wary and difficult to stalk as are the latter, and as a rule more tenacious of life. Furthermore, it is natural that the white rhinoceros should be shot in preserence to the black, for it generally carries a good deal more fat, is very much larger than the black species, and as a rule has larger and more valuable horns.

As time went on, both white and native hunters carried on the work, until a few years ago naturalists and sportsus very few of the white rhinoceros were left at an unfortunate time, for Mr. F. C. Selous, who was a scientific hunter between the Crocodile and the Zambesi rivers, was engaged by the Chartered Company to guide the pioneer expedition up to Mashonaland, and was in consequence unable to afford the time necessary for a trip to the country where they were supposed still to exist.

#### THE TWO KINDS OF RHINOCEROS.

The main points of difference between the two species are the shape of the mouth and the manner of feeding. The Bicornis has a prehensile upper lip and a much smaller head altogether than the Simus; he feeds entirely upon leaves and twigs, and prefers a rough, bushy, inhospitable country; he is wary and shy, quick to anger and exceedingly obstinate, inquisitive, and suspicious. The Simus has a disproportionately large head, with a great jaw which is cut quite square off in front, and the great rubber-like lips are suited for the grass upon which he feeds entirely, though in the autumn and winter, when the grass over vast stretches of country has been burnt away, it is a puzzle how he manages to get enough to sustain his great bulk. He carries his head very low, and has long ears slightly tipped with curly black hair; he is not so inquisitive or suspicious as his black brother, and is slightly more sluggish in his movements, though upon occasion he can cover the ground with unexpected speed. Another curious fact is that the calf of the Simus will always run in front of the cow, while the calf of the Bicornis invariably follows its mother; this habit never varies. They drink every day, or rather every night, and as a rule do not go down to the water till after midnight. When the sungets very warm they generally enjoy a siesta, sometimes in the bush, and sometimes out in the glaring, quivering heat; and though they will occasionally lie in thick, bushy country they do not make a point of choosing the deepest shade. When fairly askep they do not waken easily, and they may then be easily shot or photographed.

#### HOW I BAGGED MY GAME.

About the middle of 1892 I was on the Zambesi, and after spending some time with the Portuguese I returned to Salisbury, in Mashonaland. On the way we found three rhinoceroses, and shot the calf, but the two old ones, though badly wounded, managed to get away. Next morning my companion, Mr. Arthur Eyre, succeeded in shooting an old cow; she had a smail calf with her, and we captured it with the intention of bringing it to England. In spite of our greatest care, however, it died on the ninth day. I wrote an account of this to the Field, and received subsequently a commission from an English collector to shoot a specimen for him. In the first few days of June, 1893, I started alone from Salisbury, and by the greatest

of good luck found some spoor in north-east Mashonaland before the end of July. I then formed a permanent camp, and began to work up and trace the spoor. For five days, from sunrise till dark, I patrolled and quartered every yard of country for a good number of miles, and on the sixth day I saw-though so far off that they appeared just as dark specks-two of the huge brutes I was searching for. The first thing to do, of course, was to get below the wind, as when they were first sighted the wind blew directly from me to them. In an hour's time I was crawling towards them through the fringe of bush that lay about 150 to 170 yards below the open position they had chosen for their midday siesta. I thought they might give me some trouble, so I took my coloured boy with me-he could shoot rather well, and carried a single twelve-bore rifle. As I crawled on my stomach towards them with the greatest possible care, I saw one of them had become suspicious, and had got on to his feet, evidently much disturbed. When I saw this I flattened myself as much as possible into the sharp grass stubble and black ash-this latter the result of a devastating grass fire which had occurred a few weeks before. It seemed hours before this very painful crowl brought me to the small tuft of dry grass I was making for. After

"gefor some time I was relieved to see the other brute stand up. I whispered to the boy, and then knelt right up. The larger bull was on the left, almost facing me; the other stood broadside on. I did not wish to break any great bones, so I did not fire at the point of the shoulder—which would have been the usual shot under the circumstances—but put the bullet from the ten-bore "Paradox" between the first two ribs and into the lung. As the huge brute spun round I put the second shot behind the ribs; it travelled forwards, and also, I found afterwards, reached the lungs.

### A STERN CHASE BUT A SHORT ONE.

The boy's rifle went off almost simultaneously with my first shot, and as the rhinoceroses went off in opposite directions we jumped up and followed them at our best pace. For over a mile the old bull went like a steamengine; he gradually, however, settled down, and 1 came up and gave him two more bullets from behind: this helped him on again, but not for more than half a mile. I soon ran up to him, and found him beginning to stagger; for all this time he had been throwing blood by the gallon from his nostrils. One more shot finished him, and as he sank down with a kind of sob, the buffalo birds left him, and with shrill notes of alarm they flew up, and circling for a few minutes over us, they disappeared in the direction the other rhinoceros had taken. I was completely exhausted by the severe run, and, taking out my pipe, I sat & wn for a short rest upon the huge grey head. The second bull succumbed about half a mile from where I had first fired. It was now well on in the afternoon, and my skerm (or camp) was about six miles away, so leaving the animals where they were, I went to the camp, packed up all my goods and came back again. It was then close to sunset, and I had only time to take two quick shots with the camera and make a cut in the stomach, and bush the carcass up for the night. I then went to the second bull, cut him open, bushed him up, and then in the pitch darkness proceeded to make a large skerm, for it was to be my home for several days at any rate. Next morning the carcasses had swelled considerably, but I managed to take a few measurements and make some sketches before skinning them. For eleven days I stayed at that skerm, cleaning the bones, drying the skins, and watching the boys, for they had a habit of throwing the smaller bones away. It may be imagined, with the quantity of small scraps of meat lying about in that hot sun, that in a few days the place had grown-well, unpleasant!

It is a curious fact that under the skin of these two animals I found six native bullets, which they must have carried about with them for years;

two of these bullets were of hammered iron, and four were of lead. This remarkable fact is decidedly in favour of my argument that it is impossible to preserve the very few remaining specimens, as the natives of course do not look at the matter from the same point of view as scientists at home; they want meat, and when they shoot or trap an animal, which is luckily seldom, they do not preserve the skin.

I stayed about that country a few days longer, and eventually brought the specimens into Salisbury—not without a very considerable amount of



THE WHITE RHINOCEROS.

trouble. A few days after that I left Salisbury with the troops for Matabeleland, served through the whole of the war, and then, in January, I came home. The rhinoceroses preceded me by a few weeks; one of them wall be set up in the Natural History Museum at Kensington; the skeleton of the other goes to the Cambridge Museum, and the skin to the Hon. Walter Rothschild's museum at Tring.



lipper Pambesi Canoc.

## 9th april, 1892

# PALL MALL GAZETTE.

### THE "WHITE" RHINOCEROS.

ARRIVAL OF TWO SPECIMENS IN ENGLAND.

Some excitement has been produced in the zoological world by the arrival in Engiand of two specimens of the largest and verest of living "thinos," the so-called white rhinocoros. Till new there has probably been but a solitary specimen in Europe—a somewhat dilapidated and musty example in the museum at Leyden. One of the new specimens is going to the British Museum. The other has been purchased by public subscription in the University of Cambridge. Everybody is familiar with the common Indian Unicornis, with its single borh, and the massive chield-like folds into which its thick hide is thrown. Another single-horned but smaller form, the Javan rhinoceros, lives in India, Java, and Sumatra. A third, the Sumatrah, lives in the same regions, with a hairy variety at Chittagong. In Africa there are two, both with two large horns, one behind the other on the snott. These, so far as is known, make up the list of existing animals. Bicornis, the common African one, is quite well known, but there is a good deal of mystery about the white one yet, especially as no living specimen has ever reached Europe. At one time it was abundant near the Cape, and the early colonists gave it its popular name. Now sportsmen have exterminated or driven it much further north, so that it does not appear to be present nearer than

THE WILDS OF MASHONALAND, PAR BEYOND FORT SALISBURY. Many noted hunters, from Mr. Selous downwards, have seen and described its appearance and habits, so that zoologists have been particularly auxious to obtain specimens. The existing forms are not white, but, if anything, darker than the common form, so that its popular name will have to be abandoned for its scientific name Rhinocaros Simus or for the equally wellknown name Burchell's Rhinoceros. Most probably two varieties existed, a light-coloured one in the more temperate regions near the Caper the form which first attracted the attention of the colonists, and the existing darker variety of Mashonaland. Mr. R. T. Coryndon, who obtained the specimens now in England, and who is one of the mightiest of the young hunters that have been in the service of the Chartered Company, gave an interesting account of its appearance and habits at the last meeting of the Zoological Society. It stands more than six feet high at the shoulders and, save the elephants, is by far the largest of living mammals. The common form lives upon leaves and shoots; this upon grass, and when feeding holds its square-cut mouth parallel to the ground so that the front of the auterior horn scrapes along the grass and gets frayed in a characteristic fashion. A peculiar difference of habit enables the hunter to distinguish between the spoors of the two animals. The common rhinoceros attempts to conceal his traces in catlike fashion, tearing and scraping the soil, and by this very instinct betraying himself to the observant hunter. The white rhinoceros chooses an apparently secret place, and, like the pig, returns to it day after day. As yet the two specimens that have come to Europe are merely skin and skeleton. Now that the Chartered Company have settled their little affair in Matabeleland, hunters are returning to their normal occupation, and a "white" rhinoceros may be seen in the gardens at Regent's Park annoying the public by its swarthy huc.