

THE UMBRELLA ANT.

OF THE MANY SPECIES OF ANTS which inhabit topical and semi-topical countries the umbrella ant is one of the most interesting. These insects have the habit of units small round pieces about a quarter of an inch in distribution of the most interesting. These insects have the habit of units small round pieces about a quarter of an inch in distribution of the properties of

second covered with a kind of fungus which forms the food of the antis; in other words, the auts are mushroom cultivators, and the leaves are carried off for the purpose of forming mushroom bods.

There is perhaps nothing strange in this, for it has also been stated that other kinds of anis act as dairymen; their cows being the aphides which abound on certain kinds of plants stated that other kinds of anis act as dairymen; their cows being the aphides which abound on certain kinds of plants free aphides secrete a kind of sweet fluquid; the antis recedity bent for this, and have been seen tickling the aphides to discuss exercitors. The application of the company of the comp



TWO-HORNED ASIATIC RHINOCEROS MOUNTED IN THE ROWLAND WARD STUDIOS.

ROWLIND WARD STUDIOS.

In was full of maize when left there, but when I saw it it was already half empty, and would have been entirely so in a short been only to be contided by the thousand the sound of the same of the sound o

kill them, they do not kill the eggs, and these will hatch out afterwards.

It he rule that the size of the head in proportion to the rest of the body is a measure of neiligence, then the umbrella ant must be among the most intelligent of insects, for the head is enormous, being even larger than the body. The mandibles, too, are very formidable, and a bite from those will draw blood and cause considerable pain.

That umbrella ants have intelligence cannot be denied. They are engineers in a way, not only from the ingennity with which they form their burrows, but they even make stalks roads across the grassy ground, cutting down all stalks roads across the grassy ground, cutting down all stalks roads across the grassy ground, cutting down all stalks roads across the grassy ground, cutting down all of one formed by human beings. Some people lay poison caross this track, and a neighbour gave me a certain powder (I forget the name of it) which he assured me was a violent poison. By strewing this plentifully in the pathway made by the anis I was told the poison would adher to their bodies and be carried by them into the general hive, with deadly result, but I have never found any effective method of extermination except the fumigation menuloned above.

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THE TWO-HORNED ASIATIC RHINOCEROS.

OF THE BIG GAME ANIMALS of tropical Asia the three well-defined species of rhinoceros are certainly the rarest; and singularly enough their rarity, both as trophies and as exported wild animals, varies directly as the extent of their distribution. The commonest is the big one-horned



species, R. unicorpie, which is now practically restricted to Nopal. Cooch Behar, and Assam. The rarrest is the small one-horned species, R. sondaicus, usually but unfortunately known as the Javan rhinoceros, which ranges from Sikhim to Borneo, I termediate between these two both in scarcity and in range is the two-horned Aslatic species, R. sundareus; which in the Green, I termediate between these two both in scarcity and in range is the two-horned Aslatic species, R. sundareus; which just enters the north-east corner of India and extends thence to Borneo, but apparently is not found in Java.

Two fine examples of this species were recently shot by Mr Threodore Hubback at Pertang, Jeleu, in the Federated Malay States, and I am indebted to Messrs Rowland Ward Lindon and the Aslatic species were recently shot by Mr Threodore Hubback at Pertang, Jeleu, in the Federated Malay States, and I am indebted to Messrs Rowland Ward Lindon and the their studies. The skulls differ considerably in shape, one being long and narrow, the other short and broad. Similar differences have been previously recorded in the skulls of this and the other two species of Aslatic rhinoceroses, but the variation in the present instance is particularly interesting from its occurrence between two animals from precisely the same locality, thus showing the character to be individual and not geographically racial. It would be important to ascertain if it is sexul. Ward's Records of Big Game, 1914, p. 465, the horn measurements of this species are derived from six specimes only, and two of these, both in the British Museum, have front horns enormously exceeding in length those of the remaining four. They measure respecively just over 32in. and 27in.; is the third on the list being 15in, and the last only 5in. Again, the British Museum examples are the only two in which the basal circumference of the front horns, over 17in, is less than the length. In the others the circumference usually exceed from the rear horn in the nuseum examples are availabl

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