4 The hair of the patira is not so hard as that 6 of the wild boar, or domestic hog, but is soft, and sexsible like that of the pocari. The patira, 5 when tamed, follows his master, and allows himself to be handled by those with whom he is acquainted; but strangers he threatens with his head and teeth.

The TERNAT BAT*, the leffer TERNAT BAT+, and the VAM-PIRE, or SPECTRE ‡.

THOUGH the two Ternat bats appear to be diffine fpecies, we have placed them together, because of their great resemblance; for they differ only in magnitude and colour. The larger,

 The bats, or winged quadrupeds, are diffinguished from all other animals, by having long toes on the fore-feet, counciled by this broad membranes, extending to the hind-legs.

of head membrane, extending the numerage, or the state of the state o

La Rouffette, vulgairement le Chien-Volant. Vespertilio ingens; Glysi Exst. p. 94.

Canis volans Ternatanus orientalis ; Seba, vol. i. p. 91. tab. 57. fg. 1, 2.

Ng. 1, 2.
Vespertilio vampyrus, naso simolici, membrana inter semora divisa; Lion. Syst. Nas. p. 46.
Vespertilio

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larger, whose hair is of a reddish brown colour, is nine inches long from the end of the muzzle to

Vespertilio cynocephalus Ternatanus; Klein. Quad. p. 61. Pteropus rosus aut niger, auriculis brevibus acuiuscalis;

Briffin Quad. p. 153, 154. No. 2.

The great but from Madagafear; Edw. Hig. of Birds, partly, p. 180.

† La Rougette; Le chien-volant a col rouge.

Pteropus fuícus, auriculis brevibus acutiufculis, collo fueri.

ere rubro. La Rouffette a cel rouge; Brifin. Reps. Acin. J. 154.
Note, M. Briffon has feparated with propriety the Terest

Note, al. Britton has beparated with propriety the Terus but from the common hat. Illiance its wrong, when he fars, that all bats have four cutting teeth in each jaw. This charache is true in the Ternat hats; but the common hats have four casing teeth in the upper jaw, and far in the under; and, confequently, according to liknums's method off claffing by the musher and arrangement of the teeth, there animals cannot briong to the fanc genus.

The vampies or fpedire has a long note, large treth, and long, breash, applied sear. At the ord of the note in there is a long conic credt membrane, heading at a cont, and thenking has been a long conic credt membrane, heading at a long conic credt membrane and the large conference of the large and the large conference of the large control of

The spectre is an American animal, mentioned under the vague names of the great American bas, or the fiting deg of New Spain. Canis volans maximus, auritus, ex Nova Hispania; Sebs, vol. i.

p. 92. tab. 58. fg. 1. Vespertilio cynocephalus maximus, auritus, ex Nova Hispania; Klein. Quad. p. 62.

Vespertilio spectrum, ecaudatus, naso infondibuliformi lancealato: Linn. Syst. Nat. p. 46.

Pteropus auriculis longis, patulii, nafo membrana antrorfem inflexa aufto ; Brifin. Regn. Anim. p. 154.

THE TERNAT BAT, &c. 283

the extremity of the body; and the wings, when extended, are three feet from up to fip; and the leffer, whose har is of a cinercous beown colour, exceeds not five and a half inches to be considered to the red of a lively will be supported to the red of a lively will be supported to the red of a lively will be supported to the red of a lively will be supported to the large state of a lively will be supported to the large state large state large state. It is a support to the support of the large state large

In the warm countries of the New World, there is another flying quadroped, the American name of which we have not learned. We shall call teampire, because it induces the blood of men and other animals when alterp, without occasioning pain fufficient to waken them. This American animal is of a different fysicles from the two Ternat bast, both of without has peculiar to Africa and the South of Afia. The vampire is faulter than other of the Ternat bars. The fift, when it flies, appears to be of the fize of a pieces, the lefter Ternat bat is of the fize

Andira guaca, verspertilio cornutus; Pijs, Brafil. p. 190.

Margravov, Brajól. p. 213.

* In the Illand of Madagafear, &c. the bats are as large as hers, and so numerous that they, frequently darken the air. Their cry is frightful; Ferage de Madagafear, par as F. p. 83.

of a crow, and the largest is as big as a large hen Both Ternat bats have well formed heads, floor ears, and rounded muzzles, nearly refembling that of a dog. The muzzle of the vampire, on the contrary, is longer; its afpect is equally hideous as that of the most ugly bats; its head is ill shaped; and its cars are large, open, and very erect. It has a deformed nose, the nostrils being of the shape of a funnel, with a membrane above them, which is elevated like a horn or painted creft, and adds greatly to the deformiry of its countenance. Hence it is apparent, that this species is totally different from the Ternat bats. The vampire is not more remarkable for its deformity than its mitchief. Of this we have the recent and authentic testimony of M. de la Condamine : ' The bats,' favs he. " which fuck the blood of horfes, mules, and ' even of men, if they do not fleep under the fhelter of a house or tent, are a common scourge to most of the warm countries of America, Some of them are of a monfirous fize. At Borja, and feveral other places, they have entirely destroyed the cattle which had been introduced there by the miffionaries, and begun to multiply *.' These facts are confirmed by feveral other historians and travellers. P. Martyr t, who wrote foon after the conquest of

South America, fays, that, in the Ilihamus of Danies, there are when the face the blood of men and cattie, when allery, to fuch a degree as to waken a deep compared to the control of the interval fails and Don Antonie of Ulioa ?-, in the present from their authorities, that all blood-heeding blass are very common in all South America, we have never hitherto bear all to precure a fingle individual. But Seba has given a figure and defeription of this aninal, whose note is fo extraordinary, that it is furpfling fuch a confpicuous defermity fundual to have been taken notice of by ravellers. The

meesshus torquebantur, qua si dormlentem sorte momerdering quempiam, exhando sunguine trahunt in vitie discrimen, ex mortus suisse nomulus ex ex tabe compertum est, Persu Marty, Oraco decessità serie illi, es

Let be flow. A melicia, the less we increasily resolutions, the control of the first of them for its highin, are called to large, that the object counted three quitters of its district of the first of them to the property of the control of the quitters of its district open of the property of the control of their property of the three Melician of their property of the three Melician of their property of the property

tem. iii. p. 100.

+ Bass are very numerous at Carthagena; they bleed the inhabitants (o dexteroully, and without wakening them, as to unfeeble them extremely; Biblioth. Raifoots, sons. xliv. p. 409.

^{*} Voyage de la Riviere des Amazones, par M. de la Conda-

[†] In Dariene, novi orbis regione, Hispani nocta vespertilionan

¹ ftrange

Both the Ternst bus ne in the Royal calinet, and were brought from the Ille of Bousbon. They are peculiar to the Old Continent, and are no where 6 momerous in Africa and Africa, as the vampire is in America. Thefe animals are larger, stronger, and perhaps more milifelierous than the vampire. But their defruction is executed by open force, both during the day and the night. They kill poultry and finall birds: They attack men, and often wound them in the face. But no traveller mentions their facking the blood of men or cattle, when afleep.

The ancients had an imperfed knowledge of their winged quadrupeds, which are a kind of monfters; and it is probable, that, from fich whinfield models of nature, they had conceived the idea of harpies. The wings, the teeth, the claws, the cruelty, the voracity, the filthinefs, and every other deformity and defitudits quality aferibed to the harpies, correspond very well with our Ternat bats. Herodotus *g_newlessing the conwell with our Ternat bats. Herodotus *g_newlessing the convell with our Ternat bats. Herodotus *g_newlessing the contraction of the

pears to point them out, when he fays, that there were large bats which were extremely mobileone to the people who against earlia around the marthes of Afia; and that they were eoliged to cover their bodies and faces with leather, to defend themselves against the danger to the earliest of the dates with the dates which the dates with the dates with the dates of the d

dates of faithood, and treat the fact of bats attacking men, as a more fable of antiquity.

^{*} In Mesopotamia, inter Euphratis conversiones, est maxima versperullionem multitudo, qui longe majores sunt quam in cateris

r Nicolas Matthlas, in a work printed at Vikirgbourg, in Sweden, fays, p. 1.13, that their large but fly in faceks during the night, that they drink the juice of the palas-trees is feel, quantitie as render them introducted, and make them fall, as if they were drink, at the roots of the trees; that he feired one in this condition, and having nailed it to a wall, it graved and rounded the nails with its teeth, so if they had been filled. He

adds, that its mustale retembles that or a rox.

I ha the illand of St. Lawrence and in the Maldiva illands, there are buts as large as crown; Figure de Fyrard, tene. 1, p. 328.

132.—In Maldar, the bast fly at noon day, they are a large as cuts, and people cat them without reluctance; Biblioth, Entimete.

ten. XXXII. p. 194.

There are two of these bats in the Massam Regian Hagnis, 1695, p. 12. tab. 5. fg. 3. He says, that each of these

Herodot, lib. iii. It is fingular, that Pliny, who has related fo many marvellous flories, should here accuse Hero-

The Ternat hats are carrieveen animal and fo voracious, that they ear every thing for, when fields or fish fail them, they feed more vegetables, and fruits of all kinds. The vegetables, and fruits of all kinds. The drink the juice of the palm-tree; and it is any chief the pictor of the palm-tree; and it is any their retreats welfels filled with palm-water, or fonce other fermented ilaquer. They attach and fulfpend themselves to the trees by their class. They generally five in focks, and more frequent. By an en, and dwell in the defent, particularly in uninhabited illands. They copate with a robot. The fix in the male it in the male in

were of the fize of a large crow; that they were a foot long; and that the length of the penis was two inches. He adds, after Linfcot, that they were eaten by the Indians, who thought them

as a ten better in the control of th

THE TERNAT BAT, &c. 280

very confidences. The penis is not concealed in a flesh, fille that of quadropeds, but hangs out of the body, like that of the monkey.*

The fex of the females is allo very apparent. They have only two paper placed on the heralt, and they produce few are a lifer, but offered they are allowed the second of the

All travellers through America agree, that the hree bats of the New Continent have the faculty of fucking the blood of fleeping men and cattle, without wakening them. The travellers into Afia or Africa, who mention the Ternat bats, take no notice of this fingular fact. Their filence, however, amounts not to a complete proof, especially as these creatures have so many other refemblances to the American vampires. We therefore thought it worthy of examination, whether the Ternat bats (for we have not been able to procure the tongue of a vampire), could possibly fuck blood, without occafioning a pain fufficient to waken a fleeping person. If they cut the flesh with their teeth, which are as large as those of other quadrupeds of the same fize, a man in the most profound

In hoc animali uterque fexus digrefeebatur: Nam corana abiquot, qui mihi confoccii funt, fatis kongam exertumque penem habebant, quales fere fimiarum efi ; Garol. Clofti Exetic. tom. ii-

fleep, and particularly cattle, whose fleep is less profound, would be inftantly roufed by the pain. The fame thing would happen, if the wound was made by their claws. Hence it must be with their tongue alone that they are enabled to make fuch fmall apertures in the fkin as to permit the blood to be extracted from the veine without occasioning a great degree of pain. Upon examination, M. Daubenton discovered that the tongue of the Ternat bats was pointed, and armed with very hard, minute, fharp papillar which are bended backwards: These may be infinuated into the pores of the fkin, and penea trate fo far as to make a ftream of blood flow by the conftant fuction of the tongue. But it is fruitless to reason upon a fact, all the circumftances of which are not understood and fome of them, perhaps, exaggerated or unfkilfully related.

SUPPLEMENT.

I Find, from a note communicated by M. Commerson, that he had seen, in the ille of Bourbon, millions of these large or Ternat bats, which, in the evenings, fly in flocks like crows, and perch upon trees, particularly the vaccoun, to eat the fruit. He adds, that, when taken voung. THE TERNAT BAT, &c. 201

young, they make good food, the tafte of the fieth refembling that of the hare, and being

equally black. The late M. de la Nux, fince the publication of my work, fent me, from the fame ifland, fome excellent remarks upon what I had written concerning these animals. His letter, of which the following are extracts, is dated October 24.

In your letter of the 8th March 1770, you ' declare that you are equally happy to be in-' formed of truth, or to have your own errors corrected, and invite me to communicate my thoughts and remarks with the utmost freedom. I accept of the invitation, and am only 4 afraid left I should tire you by prolixity. With regard to the great or Ternat bats, to combat ' errors which have been long received, requires ' a variety of evidence. These animals, it would ' appear, have only been examined with the ' eye of fear: They have been regarded as ugly and monftrous; and, therefore, without farther examination than a bare infection of ' their figure, they have received a character, ' manners, and habits, which do not belong to them; as if mischievousness, ferocity, and ' dirtiness, were inseparable from unliness of

" afpect." M. de la Nux remarks, that, in my description, p. 287, both the fize and number of the great Ternat bats are exaggerated; that there § P. 61. Fliny with reason, continues our author, streats the narrative of Herodous at fall in the filance. The Ternat bats, at fealt in the filance, infleed of attacking men, unifornly avoid men. They bite creally, but only swhen defending themselves from Mows, or when they are frized for that, wheever is wounded by them, must aferithe his missiscent time to his own want of address, and not to the ferocity of an animal that has no fact unality.

P. 265, 287. Notes. Here the fize of the great Ternat but approaches narrer to the truth.

It is Maldator, the first prince from the first first of the lefter Ternat bass. The former fly one of the lefter Ternat bass. The former fly one is trucque during the day, but fingly, when they mount very high, which greatly diminishe their apparent magnitude. They fly leng without flooping, and I believe that they can yaid from the life of Bourben to the life of Fance, a diffusion of a tenth thirty lengues, in a very thout time. They never lover, like hirds of grey. But, in the great elevation of vertices.

perhaps two hundred fathoms above the fur face of the earth, the motion of their wings,
 which is rapid when near the ground, appears
 to be very flow.

. Strictly speaking, the great Ternat bats live one in fociety. When in quest of food, they unite into flocks or companies more or less nu-' merous. These companies affociate by accident upon the trees whose flowers or fruits are ' agreeable to their palates. They may be ob-· ferved arriving fucceffively, and laving hold of ' the trees by the claws of their hind feet, where they rest for a long time, if not disturbed. 'There are always fome, however, which detach themselves from time to time, and join the company. But, when a bird of prey passes ' above the tree, when they hear the noise of thunder, or of a musket, or when they spy ' any person in their neighbourhood, they all ' take wing at once. It is on fuch occasions ' that they are feen, during the day, flying in 'companies, which, though numerous, never ' obscure the air, because they cannot fly close ' enough to produce this effect: The expression is at least hyperbolical. But to fay, that an ' infinity of large bats may be feen attached to ' each other upon the trees, is not only false, but ' abfurd. They are too peevish to hold each other, in this manner, by the hand; and, if we ' examine their figure, the impossibility of such ' a concatenation will be apparent. They reft

With regard to the leffer Ternat bats, they onever fly in the day : They live in fociety, to the number fometimes of more than four hundred, in the hollow trunks of large corrupted trees, from which they depart not till the dufk f of the evening, and return before day-break. It is firmly believed in this ifland, that, whatever numbers these societies confist of, there is never more than one male found among them: But I cannot attest this fact. I shall only remark, that thefe fedentary animals acquire a great degree of fatness, and that, when this colony was first eftablished, many people, whose taste and stomuch were not too nice, collected vaft quanf tities of bat greafe for food. I have feen the time when a tree of bats, as it is termed, was no inconfiderable treasure. It is easy to shut un the entrance of their retreats, to take them out alive one by one, or to suffocate them with fmoke, and in either way to afcertain the number of males and females of which the fociety is composed. I know nothing more of this fpecies, I return to the notes. . . . Another hyperbole: p. 288, They know bow to distinguish. in the thickest woods, the trees which bear ribe fruit. These they devour during the night, * making a noise that may be beard at the distance f of two miles In reading this paffage, we f are led to ascribe the noise to the act of mastication.

THE TERNAT BAT, &c. 290

cation. The noise that is heard at a great difsonce, both in the night and the day, is that which is natural to the animals when in a paffion, and when disputing about their food; for is must not be imagined that the large Ternat hats eat during the night only. They have a ' fine eye, as well as an acute fcent. They fee very well in the day; and it is not furprifing that they should diftinguish, in the woods, ripe fruit and grain as well as flowers. Befides, the bananas of every kind, of which they are + very fond, the peaches and other fruits cultiva-' ted by the Indians, are not in the thickest parts of the woods. The flesh of these animals, ' p. 280. is not bad. . . . True, if the reluctance excited by their figure could be overcome. When about five months old, they are fat, and ' as good of their kind as the Guiney hen, or ' young wild boar; but, when old, they are hard, s though pretty fat during the fruit-feafon, which continues all the fummer and a part of autumn. 'The males, especially when aged, acquire a ftrong, difagreeable flavour. . . . Neither is it correct to fay, in general, that these animals ' are eaten by the Indians. It is well known, that the Indian neither eats nor kills any ani-' mal. Perhaps they are caten by the Moors and ' Malayans. It is certain, that many Europeans eat them. Hence it is true, that bats are eaten in India, though not by the Indians. In this island, both species are eaten.

4 After this examination, I proceed to the hif-4 tory of these animals, which likewise requires to be rectified. My proofs fhall be drawn fole-9 by from my own observation, and from what 4 has been alledged by those writers whom our 4-Historian of Nature has followed.

' Both the great and leffer Ternat bats are a natives of the illes of France, of Bourbon ' and of Madagafcar. I have refided in the ifle of Bourbon upwards of fifty years. When I ' arrived in the month of September 1722, thefe animals were very common in diffricts already fettled, where they are now become rare. The reasons are obvious: 1. The forests were then at no great diftance from the fettlements; and they cannot fubfift but in forests. 2. The great Frant bats are viviparous, and bring forth one 4 young only each year. 3. For the fake of their ' flesh and their greafe, they are hunted, during the whole fummer, autumn, and part of winter. ' by the Whites with muskets, and by the Negroes with nets. Belides thele causes of dimi-' nution in the species, they abandon the neighbourhood of our fettlements, and retire into the ' interior parts of the island, where they are exs posed to constant destruction by the chesnutcoloured Negroes.

'The feafon of their amours here is in the month of May, which is about the middle of our autumn, and the females bring forth a month after the vernal equinox. Hence the

** films of their gladian is from four and a half so five months. Of the precife time the young kee in acquiring their full growth, I have no knowledge: But I know that they appear to knowledge: But I know that they appear to knowledge: But I know that they appear to gist months from their birth. Befides, no famil lata are feen, except in April and May, when the old are calify diffinguithes from the young, by the more vivid colour of the latter.

**The old ones become gray, though I know not away that they define the start what period; and it is then that their field, that with a priod; and it is left at latter, with which they are said provided from the end of firing to the beginning of whiter, is eaten by the Negroes.

It is certain, that these animals feed upon no 4 kinds of flesh, but folely on bananas, peaches, and other fruits, which our forests produce ' abundantly in different feafons. They are likewife very fond of the juices of certain umbel-Isted flowers, particularly those of our flinking tree, the nectarium of which is very fhort, ' Their flowers abound in January and February. ' which is the middle of our fummer, and allure into the lower parts of the illand vaft numbers of bats; and, it is probable, for the purpose of ' fucking the nectaria of umbellated flowers of ' different species, that their tongue is furnished ' with fo many sharp papillæ. The skin of the ' mango fruit is refinous, and is never touched ' by the bats. When confined in a cage, they

6 time

' have been made to eat bread, fugar-canes, &cc. ' I know not, however, whether they were made ' to eat flesh either raw or roasted. But suppose. ' ing they had, it is not in a flate of flavery that ' I am confidering them; for bondage changes the manners, characters, and habits of all ani-' mals. Man has nothing to apprehend from these bats, either personally, or for his poultry " It is impossible for them to seize even the smale left bird. They cannot, like a falcon, floor ' down upon their prey. If they approach too ' near the ground, they fall down, and are in-' capable of refuming their flight till they climb " upon any elevated object they first meet with. ' fuppoling it should be the body of a man ". " When on the ground, they trail their bodies " flowly along, and make their flay in that fituation as fhort as possible. As they are by no " means adapted for running, how is it practicable for them to feize birds on the branches 6 of trees? The flow and awkward manner in which they move towards the end of a branch in order to catch the wind in their wings. ' shows that every attempt of this nature would be abortive. When about to fly, these animals s cannot, like birds, dart at once into the air.

• I faw a young Ternat bat fly into my house in the dask of the evening, and fall down at the feet of a Negreis about eight year of age. It infinantly began to climb up the child's body, who was lackily very near me. I quickly referred her, left the class of its wingt floodh have ferateded her floodlear or face. 4 To difengage their claws from the place to which they are attached, they are obliged to s leat the air feveral times with their wings; and, however full their wings may be when they onit their flation, their weight is apt to make them fink. In order to raife themselves, they ' traverse the concavity of a curve line. But the s place from which they depart is not always commedious for the free play of their wings, 'They may be restrained by the vicinity of branches; and, when thus fituated, they pro-' cred to the part of the branch from which they ' can take wing without any rifk. It frequently happens, that, when a numerous flock reft upon trees of twenty or thirty feet high, and are furorifed by a peal of thunder, or the firing of a gun, feveral of them fall to the ground before ' they receive a fufficient quantity of air to fupoprt them. In this cafe, they inflantly climb ' the first tree they meet with, in order to resume their flight as foon as possible. Let us suppose that a traveller, hunting animals of which he has no knowledge, whose figure and aspect frike him with terror, is fuddenly furrounded ' with a number of large bats; that he is en-' tangled by one or two of them climbing up his ' body; that, by roughly endeavouring to difen-' gage himfelf, he irritates the animals, and is ' fcratched, or even bit by them; would not a feene of this kind give rife to the notion, that these bats were ferocious, rushing upon men,

' in order to wound or devour them, while the " whole affair is only a fortuitous rencounter of animals of different species, who are equally ' afraid of each other? I say more : The forest is ' absolutely necessary to the existence of these bats, to which they are led by the inflinct of ' felf-preservation, and not by any favage or ferocious disposition. When to all these facts " I add, that neither the great nor leffer Ternat ' bats ever fix upon carrion, and that naturally they do not eat upon the ground, but require to be in a hanging posture when they feed. I think I have faid enough to eradicate the pre-' judice which reprefents them as carnivorous. ' voracious, destructive, and cruel animals. When " I farther add, that their flight is as heavy and ' noify, especially when near the ground, as that of the vampire ought to be light and filent. I ' shall have, by this last character, removed the one fpecies to a confiderable diffance from the other.

* Because the great l'emat buts are fometimes observed flying near the furface of the water.

* like the feallow, they have been repredented as feeding upon fish. But this fieth is equily differented to them as all other funds; for, I repeat it, that they live entirely on vegetables. It is folely for the purpose of abunding that they frequent the waters; and, if they fly nearer the furface of the water than the earth, it is owing to furface of the water than the earth, it is owing to the furface of the water than the earth, it is owing to the former of the care of the water than the earth, it is owing to the former of the care of the

former to the motion of their wings. To this s circumstance the natural cleanliness of these animals must be ascribed. I have seen, and I have killed numbers, and never discovered the fmalleft degree of dirtiness upon any of them. 'The great bat is by no means a beautiful animal. When feen nigh, its movements are 'all difagreeable. There is only one point of view, a fingle attitude, in which all its natural deformity disappears, and in which it may be observed with pleasure. When perched on a ' tree, it hangs with its head down, and its ' wings folded, and placed exactly on each fide of the body. In this fituation, the vibrating wings which constitute its deformity, as well ' as the hind paws, by the claws of which it is folloended, are concealed. We fee only a ' roundish, plump, pendulous body, covered with deep brown hair extremely clean and ' fmooth, terminated by a head whose phyliog-' nomy is vivacious, and by no means difagree-' able. This is their only attitude of repofe, in ' which they remain a long time during the ' day. They are feen to best advantage at an ' elevation above the earth from forty to fixty ' feet, and at the diftance of about one hundred ' and fifty feet. Now, figure to yourfelf a ' large tree, whose branches are garnished with one hundred and fifty or two hundred of fuch objects, having no other motion but what is ' communicated to them by the branches, and tural history, the great Ternat bat is always frown with its wings fully extended, which

is its most ugly attitude. This position may
answer one purpose. But some of them ought
to be viewed at a side, or from above, in their

natural state of repose. The one represented in your work is not just; for these animals never rest on the ground with their four feet.

'I shall finish my notes, by remarking, that both species afford a wholesome nourishment:

for, though their flesh is often devoured to ex-

fhould this fact excite furprife, when it is confidered that these animals feed entirely on ripe

fruits, the juices, flowers, and perhaps the exudations of a number of trees. The laft I was

induced to believe from a paffage in Herodotus.
 But I have not been able to afcertain the truth

the springer and the property of the control of the springer

of it by actual observation."

THE SENEGAL BAT*.

THE Count de Buffon's description of this bat is precisely the same with that given in the

This bat has a long head; the nofe is a little pointed; the ears are thort and pointed; the head and body are of a tawny brown mixed with afth-colour; the body is paler; the

note. The author adds, that this animal has twenty-eight teeth, two incifive in the upper jaw, fix in the under, and two canine and eight grinders in each jaw. The upper cutting teeth are thick, long, and flarn, and diffant from one another about a line and a half, and the under ones are furnished with lobes *.

This bat was brought from Senegal by M.
Adamson of the Royal Academy of Sciences.

THE BULL-DOG BATT.

"FHE muzzle of this but is very thick, the lips long, and the nofe well formed. The cars are broad and round, their edges touching each after under the front; they have a fold forward, which extends from the auditory cannal to the edge of the concha, two lines diffant from the place where the two cars touch each other, and there is a concavity on the internal face of the conchas on each fide of the fold. The crown and hind part of the head, the top and fides of the neck, the foulders, the back, and the

two laft joints of the tail extend beyond the membrane; its length, from nofe to rump, is above four inches, and the extent of the wings twenty-one inches; the membrane of the wings and tail is black; Panamar's Symple, of Quad. p. 166.

Chauve-fouris étrangère; Buffor.

The principal characters of this bat are defcribed in the Memoirs of the Royal Academy of Sciences, ann. 1759, under the name of the Marante valuate.

+ Pennant's Synopf. p. 366.

crupper,