## THE JERBOAS.

JERSOA ha a generic name employed to denote these aiminst which are remarkable for the disproportion between the hind and fore legs, the latter under content of the prosent and the former retembling the legs of a bidd. In this genus, we are acquainted with four feecies, or diffined varieties: 1. The Tarferr, or wouldy Jerboa, formerly mentionary which is certainly a particular pleete, because it has five toes on each foot, like those of a merce. 2. The Jeroba, properly to called ", which

. The Egyptian Jerboa, with thin, erect, and broad cars, full and dark eyes, and long whitkers. The fore legs are an inch log, with five toes on each, the inner, or thumb, being fearce arcarent; but that, as well as the rest, furnished with a sharp clay. The hind legs are two inches and a quarter long, thinly covered with hair, and exactly refembling those of a bird; three tres on each foot, covered above and below with hair: The middle too is the longest, and on each is a pretty long tharp claw. The length from nofe to tail, is feven inches and one quarter; the till ten inches, terminated with a thick black tuft of hair s the tip white. The rest of the tail is covered with very short coarse hair. The upper part of the body is thin, or compressed fidenife. The part about the rump and loins is large. The head, back, fides, and thighs, are covered with long hair, afticoloured at the bottom, and pale tawny at the ends. The breast and belly are whitish, and the hair long and foft. Pennant's Sympf. of Quad. p. 295.

More bereves Theopher. opafe. p. 295. Ælian. Hift. Anim. lib. x.

has four toes on the fore feet, and three on the hind. 3. The alagtaga\*, whose legs are conflructed like those of the jerboa, but which has

Mus bipes Plinii; Lib. xv. c. 65.

Jerbea or Yerbea, the Arabian name of this animal; Show Travels, p. 248. Textira's Travels, p. 21.

Gerbun; Edwards', Gleavings, p. 219. Plaidfed's Jearnal, p. 55. Mus jaculus, cauda clongata florcofs, palmis fulpernadadys, femoribus longifilmis, brachiis brevifilmis; Line. Syd. Nat. p. 56. Hagilequif, p. 198.

Gerboile; Voyage de Paul Lucas, tom. ii. p. 73.

Siberias jerboa, with very long transparent narrow eas, long whikers, and five toes on the fore feet, there on the half exts pointing forward, and a fourth behind, about as inch above the heel. The colour of the spper part of the body is trawy, and of the lower whithin. In forms of body, legy, and till, it agrees with the Egyptian jerboa; Pennel's Sentel of South 6, 2506.

Allegree is the Tartain name of this sainal, which, secentling to Melfrendand, figuities an animal cubic design. The The word alegage, however, appears to be made at the with house, which is applied to the flying figured. It is an inclined to believe, that adaptage, as well as longs, as agserie rather than frecibic names, and that they denote a flag animal, effectally as Strahlenberg, quested by Gendes, they maintain the first part of the property of the contraction of the maintain the first part of the contraction of the contraction of the second of the contraction of the contraction of the contraction of the second of the contraction of the cont

Conlocalus feu Iepes Indicus, atias dictus; Allevec. de 2011.

digit. fg. p. 395.—Mota, s. Linnaius and Edwards have impoperly referred this figure to the jerboa, though, by the figur a
fourth too on the hind feet, which is very confpicuous, it belong
to the frecies of aligitage. Nata, s. Aldrovandes was uroug in
denominating this animal states, which is an American word, sit

probably the same with agouti.

Cuniculus pumilio falliens, caoda longistima; Gmelie. Nov. Con.

Acad. Petrop. tow. v. tab. 11. fg. 1.

Cuniculus pumilio faliens, cauda anomala longifima; Brif.

Flying hare; Strablesberg; Hid, Ruff, t. 270.

free tees on the fore feet and three on the hind, with a four, that may pafs for a thumb or fourth toe, much florrer than the others. 4. The Daman ffeet 8, or limb of ffeet, which may be the fame animal called Mass lengther by Linnaus †, and which has four toes on the fore feet, and five on those behind.

The head of the jerhoa has a great refemsblance to that of the rabitly, but its year are larger, and its earn fuercer, higher, and broader, in proportion to its fize. The node is field-toloured and sakely and the muzzle is thick and floor. The opening of the mouth is very finally, the upper jaw is very broad, and the under anxrow and floort. The teeth are like those of rabitlis; and the whithers round the mouth are composed of long black and white hairs. The free feet are extremely floort, and enerer touch the ground, being used only as hand to convey viduals to the mouth. These hands have four fingers, armed with claws, and the ruthments of affith without any claw. The linds feet have

. Donar Ifrael, lamb of the children of Ifrael; Shows's

Travels.

Animal quoddam pumilo cuniculo non diffimile, fed cunicula majus quod agrava filieram Ifrael nuncupunt; Profp. Alpin.

Hijd. Ægypt. lik. iv. cop. 9. 232.
† Mes loogipes, cauch eloogata vedita, palmis tetradadylis, platis petadadylis, femoribus longifilmis; Lieu. Sys. Nat. p. 84. The word feneralway is here improperly applied; for the neutratafi, or first bones of the foot alone, are extremely long in this saimal.

only three toes, of which the middle one is locally and all three are armed with claws. The till is three times longer than the body; it is consent with finall fliff hairs, of the fame colour with finall fliff hairs, of the fame colour win three three

The abgraga is finaller than a rabbit. His or are long, broad, naked, thin, transparent, and foread over with very conflictions blood-redit. The upper jaw is much larger than the under, but blunt and pretty broad at the extremity. It has large withflear round the mouth. The test are like their of ar at. The eye are large; and the iris and pupils are brown. The body is more before, broad and almost round behind. The tail is very long, not fo thick as a fimil line, and the line of the covered with floor till flair; on the laft third the hairs are longe, and two thirds of it are covered with floor more buffy, fefter, and be come longer toward

the extremity, where they form a kind of tunk, which is black at the beginning, and white at the end. The fore feet are very floor, and have feet to see that the end of the control of the end of the control of the end of

From comparing thefe, two deferiptions, the first of which is taken from Edwards and Haffacilla, and the fector of from Gmelin, it appears that displaying the and alaptaga referenble each other and the displaying the first first

the

The following are the dimensions of this animal, as not, fared by Haifelquist: Magnitudo corporis ut in mere detail two majore. Mensiuratio capit, poll. 1 corp. poll. 2 cad. fpshi. 1; poll. pod. fpsh. 2 anner, infra politicem. Myd. leaght. noll. 2.

<sup>•</sup> The following are the dimensions of this animal, as meanicular Gennicis to Congriduo do accurant extens ad sixtuan exchanged for the control of a sixtuan exchanged for the control of the control o

a figure of fourth toe on the hind feet; and Mr.
Edwards remarks, that he careful, and do not different two jerboas which he faw in England, and do not different on Jun. Hence this change he had been a specific diffined to be the state of the state of

Two circumfances, however, reader this not. ter fill doubffil; the proportion of the will which is much larger in the jerboa than in the alaguage, and the difference of the climate which they inhabit. The jerboa is common in Greating, Egypt f., Barbary, and Arabia; and the alaguage in Tartary, along the Wolge, and africa as Siberia. It is feldom that the fame animal inhabits climates to different a nad when it does inhabits climates to different; and when it does not be a simple of the common than the co happen, the species undergoes great changes: This we presume to be the case with the jerbos, of which, notwithstanding these differences, the shartaga seems to be only a variety.

These animals generally conceal their hands or fore feet among the hair; fo that, at first flight, they seem to have only two feet. In transforming themselves from place to place, they do not walk, or advance one for after another, but leap nimbly to the diltance of three or four feet. When reposing hemselves, they from their knees, and sleep only during the day. They eargin and herbage, like the harr. Their diffusions are mild, and yet they can never be much beyond a certain point. They dig holes in the earth like the rabbits, and in a much fourt time. About the end of funmer, they lay up herbage in their magazines, where, in cold countries, they past he where,

As we have had no opportunity of diffecting this animal, we shall subjoin the remarks of M. Gmelin upon its internal structure \*.

<sup>\*</sup> In Circaffia, Perfia, Arabia, and the environs of Babylos, there is a kind of field-moute, called présancé in the Arabic inguage, which is nearly of the fazo and colour of the figured—When it leaps, it darts five or fix feet above the ground.——It fonctimes quits the fields, and takes up its abode in the borde; Payage d'Olaraia, p. 177.

r In Egypt, I faw two fmall animals, that ran very quicky on their hind feet, which were fo long that the creatures feered to be mounted on fills. These animals burrow like rabbar. I carried off seven of them; two of which I brought to Prance, where they fived in the royal meanagery two years; Fings is Paul Least, fam. Il. p. 7.24.

<sup>•</sup> Cliophagua, uti in lepore et caniculo, medio ventricalo inferitur; intellianu cacemb bevez admodum fed amplim eth; is procella ventriferense, dato policies hopera alteria, etcirin saqua non infra ypiorum intellianum diese, vogina einim canadis infant nei fran autri alteria proprieta della ventrifera autri california diese alteria autri california diese alteria autri california diese alteria della ventria proprieta quanti multari infeccione francia di vidinar, que sibi ovariis approprietapata multari infecciones francia, ti in oruziti serminantar. Petern mindella sabelettia medio la tiliana di california di california di california di california di vidinari, que sibi ovariis approprietapata multari infecciones francia.

With regard to the daman, or lamb of the children of Ifrael, which feems to be a kind of ierboa, because its fore legs are remarkable thorter than the hind, having never feen this animal, we cannot do better than copy the remarks of Dr. Shaw, who had an opportunity of comparing it with the jerboa, and speaks of them as two diffinct species. ' The daman,' fays this author, ' is likewise an animal of Mount Liba, nus, though common in other places of this country. It is a harmless creature, of the same fize and quality with the rabbit; and with the like incurvating pofture and disposition of the fore teeth. But it is of a browner colour, with fmaller eyes, and a head more pointed, like the marmots. The fore feet likewife are short and the hinder are nearly as long in proportion as those of the jerboa. Though this animal is known to burrow fometimes in the ground; yet, as its usual residence and refuge are in the holes and clifts of the rocks, we have fo far a more prefumptive proof, that this creature may rather be the faphan of the Scriptures, than the jerboa. I could not learn why it was called da-

cci circa vefica uriantia collum veficulae feminales uncian cue dimidio longae, gratiles, et extremitatibus intorne adjuent. Foramen aut finas quodalmi nitre aman et penem, sun tiera zuan et valaram nullo modo posti diferenree, licet quarirs in indugatica inte cautelas adhibuccini. — Cuciciali Americani, porcetti già et voce Marcgr. Fabrica internarum partisma ab bos minuli son multium abbolanti (Sonita, 1982, Gen. Peters, 1982, v. 1982, v. 1982, c.).

man Ifracl, i.e. Ifracl's lamb, as these words are interpreted \*. Prosper Alpinus, who mentioned this animal before Dr. Shaw, sizes, that its field, makes excellent eating, and that it is larger than the European rabbit. But this laft face feems to be fulficious; for Dr. Shaw has omitted this pullage of Prosper Alpinus, though he transferibes at the other remarks of that author.

. Shaw's Travels, p. 248.

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