XXXIX.-Description of a new Species of the comme Low photus, from the collection of Charles Darwin, Esq. Bu G. R. WAYERHOUSE, Eso., Curator to the Museum of the

THE genus Lophofas, founded by Schoenherr* upon an insect from Chile, is placed by that author in his family Clessaides, and in the apterous section of that family. But one species of Londofar was known to him at the time of the

acquainted with two species, the Rev. F. W. Hone having sent him two from his own collection. One of these is deacribed and figured by Mr. Hope in the 'Transactions of the to the other he applies the name trifusciatus-this, however, I believe to be the same as Schomherr's species. Mr. Hone also refers the Carculio Vitulus of Fabricius to the same genus: there are therefore three species of Londofus known : and as these are now before me, together with the new species I am about to describe, I will endeavour to point out their chief distinguishing characters

Sp. 1. Lophotus Vitalus. Curculio Vitulus, Fai. Ent. Syst. tom. 1. pars 2, page 479, spec

"C. brevirostris niger fronte bidentată, elytris unispinosis. Habitat in Terrà del Fuego. Mus. Dom. Banks.

Caput nigrum rostro canaliculato. Inter oculos dentes dao elevati. acuti. Thorax rugosus, ater anticò runctia duchus elevatis. Elytra carinata, rugosa, atra, posticè spinà elevatà, acutà. Pedes nigri."-Feb.

Two specimens of this species form part of Mr. Darwin's collection; one of them is from Hardy Peninsula, Tierra del Fuero, taken in the month of March; and the other is from . 'Genera et species Curculionidum,' tom. 2, para prima, p. 314.

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rection, the punctures having a tendency to run into each other in that direction: on the hinder part of each elytron, about 2 lines from the spex, is a large angular tubercle. Each segment of the abdowes beneath is convex and somewhat correly nunctured; and on the last segment two large force are observable. The legs are moderately long. A specimen of this, as well as of each of the other species here described, is deposited by Mr. Darwin in the Museum of the Entomological Society.

to cylindrical. The anterior angles of the elytra are slightly produced, and the apical portion is rounded: on the upper surface they are deeply and coarsely punctured; these large nunctures are near each other and leave strongly elevated range, and these range are most elevated in the transverse di-

Sp. 2. Loplotus longipes, nov. spec.

Loub, niger, rostro longiusculo, culmine elevato, capite rugosè runctato : thorace sureà lineis irregularibus elevatis transversim, lineaque elevată longitudinali, notato; margine antico elevato: elytris punctis grandiusculla longitudinaliter in lineis crebrè depositis; tuberculis permagnis, apud partem posticam, apice producto et acuto; abdominis segmentis subtia in medio laviMr. Waterhouse on a new species of Lophotus. 331 bus, ad latera punctis neceson squamis flavidis vel albis obsi-

bus, ad latera punctis necnon squamis flavidis vel albis obsitis; apud metathoracem squamis pallidis lineam lateralem effi-

cientibus; scutello sibo; pedibus longis.

Of the species of Lophotus known, the present could only be confounded with the Loph. Vitalus, but from that it may be distinguished by the following characters:- the matrum is longer, and instead of having a bisulcated elevation between the auteuna, it is furnished with a central longitudinal ridor. which is considerably dilated in front of the gutenur, where it exhibits a shallow longitudinal depression in the middle; the auteum are longer: the tubercles over the eyes are here wanting: the anterior margin of the thorax is raised into a fold, but it does not present the two tubercles observable in Loph. Vitulus; the irregular rugs on the thorar are moreover less distinct; the elytra differ in having the posterior portion produced into a point, the posterior two tubercles much larger, and the sculpturing less deen. In addition to of the abdomes beneath, and their being furnished with pale scales on the sides, together with the proportionately great length of the legs, will serve to distinguish Lopk, longines from Lond, Vitulus. The scatellam is white. The length of this species is 90, and its greatest width is 30; the length of the fewera and tibie, taken together, is 54", whereas in Lond, Vitulus the same parts measure only 42". Mr. Darwin found this species in Hardy Peninsula, Tierra del Fuego, and at Cape Tres Montes.

Sp. 3. Lopitotus andipennis, Hope, Transactions of the Entomological Society of London, vol. 1. p. 15. pl. 1. fig. 5.

L. "ater, rostro canaliculato posticè niveo, elytris unituberculatis, macul\(\frac{1}{2}\)que albi\(\frac{1}{2}\) inter tubercula et \(\frac{1}{2}\)piccup posit\(\frac{1}{2}\). Long.

corp. 10³⁴. Lat. 24.

Habitat apud Conception America Meridionalis." Hope.

This species is at once distinguished from either of the

others here noticed by its less deep sculpturing, but more particularly by the white spots by which its legs, abdesses, and upical portion of the elytra are adoranced. These patches of pale scales are observable in the following situations:—14x, there is a patch on the basal portion of the rostrum, smother on each side of the thorax, one on the trochanter of each of the 4 anterior legs; a longitudinal row of spots adorns the under side of the abdomen, one to each segment, and the two basal segments have moreover a spot on either side; a large patch is situated on the apical portion of each elytron, and all the femora have a pale ring near the apex: the colour of these spots is sometimes white, sometimes yellow, and occasionally some brilliant pale blue scales margin the white ones, especially on the legs, and a patch of blue scales is generally apparent beneath the spots on the spical portion of the elytra. Several specimens of this species were brought home by Mr. Darwin : some of them are from Chiloe, and others from Ynche Island, Chonos Archipelago.

Sp. 4. Londotay Eschechaltei, Scho. Tom. 2. para prima, p. 316. Laphatus trifasciatus. Hope, MS.

L. niger, squamis albis dispersis; elvtris fascias tres latas et albas exhibentibus, necnon ad apicem notam albam : tuberculis duobus parvis et angularibus super oculos; thorace punctia confluentibus; elytris insigniter punctato-striato.

This species is readily distinguished from either of the preceding by the black and white fascie which adorn the elytra. It agrees with the description of Lophotus Eschscholtzi, if we may suppose Schenherr's specimen a little rubbed. In perfect specimens the elutra (which are shorter and broader than in other species) are densely clothed with white scales, excepting in certain parts, and these unclothed nortions form fascie: a small black spot is observable on each shoulder, a triangular black patch (sometimes confluent with the shoulderspot) on the scatellaw; behind these are two black fascia, the first of which is interrupted in the middle; and on the spical portion of the elytra is an irregular black mark. On the head, thorax, legs, and the whole of the under parts of the body, are scattered white scales, One specimen of this insect was brought from Valparaiso

by Mr. Darwin, who says "it first appears in November, is very abundant, and injurious to the young shoots of plums and peaches."

Information respecting Zoological Travellers. 341 years resident in India in the prosecution of his profession, and has employed his leisure time in studying the zoology of that country, particularly its ornithology. Our percel contains a partial result of researches in the latter department in the first part of a " Cetalogue of the Birds of the Peninsula of India, with brief Notes on their Habite and Geographical Distribution ";" and notwithstanding the informain the valuable Catalogues and Papers of Franklin, Sykes, Hodgson, and Eyton, several species among the Raptores are given as new, Mr. Jerdon divides the peninsula into four great districts or divisions. 1st, The Northern Circurs, comprising a narrow tract of land (bethe peninsula to the Eastern Ghauts, by which it is separated from the Great Table-land; 2nd, The Carnatic, including the whole of the country lying south of the Northern Circurs along the coast as far so Cape Comorin, and bounded on the west by the Eastern Ghauts, range is broken; 3rd, Western court, including Travancore, Cochin. between the sea on the western side of India, and the range of dapah), the kingdoms of Berar and Hyderabad, the Southern Mahratta

The species already noticed in this range are 390, and the list will probably be extended before the completion of the catalogue, which now reaches only to a part of the Strigidse. Of the Falconids 32 species are noted; and among those belonging to the British list we have Pundion Helioëtos, Aquila Chrysoftos, Circus eineraceus and rufus, Folco peregrinus and Tienunculus, decipiter fringillarius, and Arter polandaries. It is possible however that some of these may require a more rigorous comparison with the birds of Europe. This part of the catalogue is illustrated by a lithographic figure of an owl (Hulya pectoralis), very neatly engraved; and if figures can be procorrespondent states, "I have 50 or 60 drawings in the same stylet, . Published in the Madras Journal of Literature and Science for Sep-

+ Specimens accompany the packet well drawn and beautifully finished.

nopoli, most of them of birds hitherto unfigured. I shall commence sending my specimens next month, and hope by the end of the year to have forwarded to you a series of all I have procured, for the ideatification of species, &c. As you requested, I now add a few remarks Syker, lives chiefly on the open plains, burrows in the ground, generally four or five openings to the burrow, some of which commumonte with each other; others are blind; it feeds chiefly on lizards, locusts, grasshoppers, beetles, small snakes, and occasionally crabs and rats; runs with remarkable speed; the chase with greyhounds is a favourite pursuit in India.—Crois Lapus, C. puilipes, Sykes, Wolf: hunts in small packs and runs down antelopes and hares, soizes also sheep in a very daring manner in daylight, and curries off young calves, geats, sheep, &c. during nights, and not unfrequently children. It possesses great speed and most extraordinary powers of endurance. Though often chased by the best horsemen, unless it is gorged, it always outlasts the fleetest horse, keeping gonerally 20 or 30 yards ahead at whatever oace the rider may en."

Dr. Kraues's Return from Southern Africa.

In will be remembered, that about two years and a half since, Dr. Ferdinand Krauss of Stottgard, left England for the Cape, on his way to explore the interior of Southern Africa, with a view to collect objects of Natural History from those regions. He has within the last month returned to London with his extensive collections of both animals and plants, collected principally in Natal and Amazoola land, where he recided about twelve months; during which period be assiduously devoted the whole of his time and attention to prehe assiduously devotes the wroce of an une man attended to pre-serving cojects in every department of natural history. The zooka-gical collection comprises Mammalla, Birds, Finbes, Amphilia, Crus-tuces, Insects, Shills (land, freshwater, and marine), Zoophytes, &c. tones, Inscotts, Stollil (lants, treatbwater, and marines), Zeophyten, &e. The Bedanical collection comprises short 3000 species of native plants, carefully preserved, and in most instances 30 specimens of each species; stoles of Natila, momenting to about 1000 species, are effected to betamine at forty shillings the hundred species. The specimen of the specimen stand are about to be purchased by the British Museum; the remaining sets will be disposed of to those desirous of possessing

In addition to the above collections Dr. Krauss attentively ex-

amined the grolepical features of the country through which be travvelled, with a view especially to record the exact politican and situation of the osofidelit, very imprefectly known to the funers in the interior of Africa. He has becought with him spointens illustrative of the different formation, including the coal and founds from the bods we satisfante giving a more detailed assignate of this traveller's expelition in a future Number.

Mr. Schouburgk's recent Expedition in Guinna.

[Continued from p. 288.]

I mave been told of eight varieties of Opessum which inhabit Guiara.

Temm., D. philander, Temm. and D. dorsigers, L. and Temm.; but the Arera, Screb, Temm. It differs from the latter in the absence of the the cars are of a uniform black would scarcely constitute a specific difference. Its body from the nose to the insertion of the tail measures 15 inches and a half, the tail 15 inches. The latter, which is probabile, is for the length of 3 inches clothed with thick for, the lealers measured 3 inches, the hind leg 4 inches. The fur is of a brownish vellow, short and silky, but intermixed with longer bair of white colour and somewhat stiff. These white hairs are along the verhair, which being black above and white beneath, give it the appearunce of a black band stretching from the head along the back to the insertion of the tail. The fore and hind feet are of a dark mouse colour, intermingled with a few white bairs. The ears somewhat compressed at the base, naked, black, and about 1-2 inch in length. Round the eyes is a dark spot of an oblong figure, but otherwise the head is almost entirely of a brownish yellow. The neck is covered 344 Informat

are for description was abot in the neighborhood of Georgetown but at it was the only one of its kind which I ever saw. I housine to establish it as a separate species, until I have the opportunity of procuring individuals of the asam appearance. Its descriptions of the contraction of the description of the contraction of the description of the contraction of the Warram Indians, Yawarily by the conducts, Nopel with Warram Indians, Yawarily by the Conducts, Nopel with Warram Indians, Yawarily the Arawaka and Macusia. It does great injury to the feathered stock, and frequents the numer-cane fields, being assumently mental to avenue.

The black Vawerri (Districtly quies, Temm.), called so by the cologists from its appearance when at rest: the hair being long and black at the tip, but yellow towards the root. The tail is lowery than the body, clothed with hair for one-fourth of its length, the remainder naked and scale. Its size is that of a marten, but in its head is rearmbles a fox, and the muzzle ends with a whitish snot. I do not possess an actual measurement, but I should estimate the length of its body about twelve or thirteen inches, and the tail from fifteen to sixteen inches. The latter, which is prehensile, is of great assistance to them in climbing. They are very destructive to needless and likewise to fruit: They are often found on those savannaha where the wild pine (Brasselia, spec.?) flourishes, to the fruit of which they appear to be partial. Like its congeners, the female possesses a ponch in which she carries and suckles her young until they are as large as half-grown rats. They produce from six to seven women at a time. They sleep during the day and hunt at night. They are sometimes eaten by the Cruoles and Indians, but as they have a rank and disagreeable smell I doubt if they would prove palatable

The Didelphis cancrivers is too well known to deserve more than a passing remark; moreover, I am not able to add anything about its habits, as it is more peculiar to the sea-coasts than to the interior of Guiana.

The Yewest cosine of the Marcui Indians, or Picanapa, of the Warran Gibblight Sighteder, Timen, Jia is an extractive range, in Guinn. It is not with in the coast regions as will us in the lasterier. It remarks in a fair, a fall-grown rat; it for lay, thou tead silly; it of a run-cloud, righter bounsat the bully, length of the body usine indices, till two indices and a half, clicked with fair for short tractions, the indices the sill of the control of the sill of the control of the deep force of the control of the control of the control of the permittent, and errormouth by a multi-march and the control permittent, and errormouth by a multi-march and the sill conditions with the lander of a society. All shorts of the control of