



ANATOMICAL TABLES

OF THE HUMAN BODY

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HARVARD UNIVERSITY

WITH FIGURES DRAWN BY THE AUTHOR

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1887

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by W. H. WELLS, M.D.

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ANIMAL KINGDOM

ARRANGED ACCORDING TO ITS ORGANIZATION

BY GEORGE RICHARDSON, F.R.S.
NATURAL HISTORY OF ANIMALS

BY
BARON CUVIER

WITH FIGURES DESIGNED BY THE AUTHOR

THE
NATURAL HISTORICAL SOCIETY

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AND
ADDITIONAL NOTES

BY
GEORGE RICHARDSON

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THE
ANIMAL KINGDOM,
ARRANGED ACCORDING TO ITS ORGANIZATION,
Serving as a

**Foundation for the
NATURAL HISTORY OF ANIMALS,**

and an
Introduction to comparative Anatomy.

BY
BARON CUVIER,

Great Officer of the Legion of Honour, Counsellor of State, & Member of the Royal Council of Public Instruction, One of the Forty of the French Academy, Perpetual Secretary to the Academy of Sciences, Member of the Academies & Royal Societies of London, Berlin, Petersburg, Stockholm, Turin, Edinburgh, Copenhagen, Göttingen, Pavia, Modena, the Netherlands, & Calcutta, & of the Linnean Society of London, &c.

WITH FIGURES DESIGNED AFTER NATURE:

the
Crustacea, Arachnides & Insecta,

by
M. Latreille,

Chevalier of the Legion of Honour, Member of the Institute, Royal Academy of Sciences, & of the greater portion of other learned Societies in Europe, America, &c.

Translated from the latest French Edition,

with
ADDITIONAL NOTES,

and
Illustrated by nearly 800 Coloured Plates.

IN FOUR VOLUMES.

VOL. I.

MAMMALIA - BIRDS.

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* This curious species is not noticed by Cuvier, no doubt from its very recent discovery. It has been figured in the Transactions of the American Philosophical Society, and described very fully by Dr. Harlow in the same work. From several peculiarities in structure, this animal approaches very closely to the orangs, and on that account, we think should have precedence of the other Gibbons. We subjoin the letter of Dr. Burrough that accompanied the specimens furnished Dr. Harlow, which is interesting as a detail of a few distinguishing features of this singular species.

"The specimens of the orang-outang or Gibbons, furnished you, were obtained by me during my late excursion into the interior of Bengal. They were presented to me by Captain Alexander Davidson, of the Honourable East India Company, stationed at Goalpara, situate on the Burrampooter river, in Assam. This district of country was formerly attached to the Burmese empire, but at present is in possession of the East India Company, and constitutes the north-eastern limits of their territory in this quarter.

"The orang, of which I am now to speak, called by the Assamese 'Hoolock,' is to be met with on the Garrow Hills, in the vicinity of Goalpara, between latitudes 25 and 28 degs. north; and the specimens brought to this country by me, were taken within a few miles of the town of Goalpara. The full grown one, which at this time you have prepared, was in my possession, alive, from the month of January to May, when it died from a blow it received across the lumbar region, inadvertently inflicted with a small stick by one of my servants at Calcutta. They inhabit more particularly the lower hills, not being able to endure the cold of those ranges of the Garrows of more than 4 or 500 feet elevation. Their food, in the wild state, consists, for the most part, of fruits common only to the jungle in this district of country; and they are particularly fond of the seeds and fruits of that sacred tree of India, called the Peopul tree, and which, on the Garrow Hills, attains a very large size. They likewise partake of some species of grass, and also the tender twigs and leaves of the Peopul and other trees, which they chew, swallow the juice thereof, and reject the indigestible part. They are easily tamed; and when first taken show no disposition to bite, unless provoked to anger, and even then

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“The individual in question became so tame and manageable in less than a month, that he would take hold of my hand and walk with me, helping himself along at the same time with the other hand applied to the ground, as described above. He would come at my call, and seat himself in a chair by my side at the breakfast-table, and help himself to an egg, or the wing of a chicken from my plate, without endangering any of my table furniture. He would partake of coffee, chocolate, milk, tea, &c.; and although his usual mode of taking liquids was by dipping his knuckles into the cup and licking his fingers, still, when apparently more thirsty, he would take up the vessel from which I fed him with both hands, and drink like a man from a spring. His principal food consisted of boiled rice, boiled bread and milk, with sugar, plantains, bananas, oranges, &c., all of which he ate, but seemed best pleased with bananas. He was fond of insects; would search in the crevices of my house for spiders, and if a fly chanced to come in his reach, he would dexterously catch him in one hand, generally using his right hand. Like many of the different religious castes of this country, he seemed to entertain an antipathy to an indiscriminate use of animal food, and would not eat of either the flesh of the cow or hog; would sometimes taste a little of beef, but never eat of it. I have seen him take fried fish, which he seemed to relish better than almost any other description of animal food, with the exception of chicken, and even this he would eat but very sparingly of, preferring his common diet, bread and milk, with sugar, fruit, &c. In temper he was remarkably pacific, and seemed, as I thought, often glad to have an opportunity of testifying his affection and attachment for me. When I visited him in the morning, he would commence a loud and shrill whoo—whoo—whoo—whoo, which he would keep up often from five to ten minutes, with an occasional intermission for the purpose of taking a full respiration; until finally, apparently quite exhausted, he would lie down, allow me to comb his head, and brush the long hair on his arms, and seem delighted with the tickling sensation produced by the brush on his belly and legs. He would turn from side to side, first hold out one arm and then the other, and when I attempted to go away, he would catch hold of my arm or coat-tail, and pull me back again to renew my little attentions to him, daily bestowed. If I called to him from a distance, and he could recognise my voice, he would at once set up his usual cry, which he sometimes gradually brought down to a kind of moan, but generally resumed his louder tone when I approached him. This animal was a male, but showed no particular marks of the sex; and by a casual glance, might readily, if not examined more closely, have passed for a female. I have no idea of his age; but, judging from the length and size of his canine teeth, suppose him to have been advanced in life.

“The other large ‘Hoolock,’ of which you have the cranium, was also a male, and full grown. He was likewise obtained from the Garrow Hills, in Assam, presented to me by my friend Captain A. Davidson of Goalpara. He came into my possession in the month of April, and died at sea in July, just before getting up with the Cape of Good Hope, of a catarrhal affection. His death probably might have been hastened from want of proper food; such as is not procurable on long voyages. This animal was similar in habit and general characters to the one already described; and may have been eight or ten years of age, or perhaps older; as I

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am informed by the natives of Assam, they live to the age of twenty-five or thirty years.

“The young specimen was also alive in my possession. This is a female, and was brought to me by a Garrow Indian at the same time the first was received; but died on the way from Goalpara to Calcutta, of a pulmonary disease following catarrh. This poor little creature, when first taken sick, suffered great pain and oppression at the chest, for which I prescribed a cathartic of castor oil and calomel, and a warm bath, which seemed to afford it some temporary relief, but she died after ten days’ illness. The animal appeared delighted with the bath; and when I removed her from the vessel, she would run back again to the water, and lie down again until again removed. She was, like the others I had in my possession, gentle and pacific in disposition, very timid and shy of strangers; but in less than a week from the time she was taken, would, if put down in an open place, quickly run to me, jump in my arms, and hug me round the neck. I supposed her to have been from nine months to a year old. I fed her on boiled milk, goat’s milk diluted with water and sweetened with sugar-candy. She also would sometimes partake of a little bread and milk, with the older one. She soon learned to suck the milk from a small bottle, through a quill covered with a piece of rag.”

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* Nearly allied to the Cephalote of Peron. Its fur is cinereous gray above, white pale beneath, and the belly undulated. The nostrils are tubular, distant, and open. The index finger is provided with a nail. The body is about four inches, and the wings one foot and four inches wide. The tail is not quite an inch.

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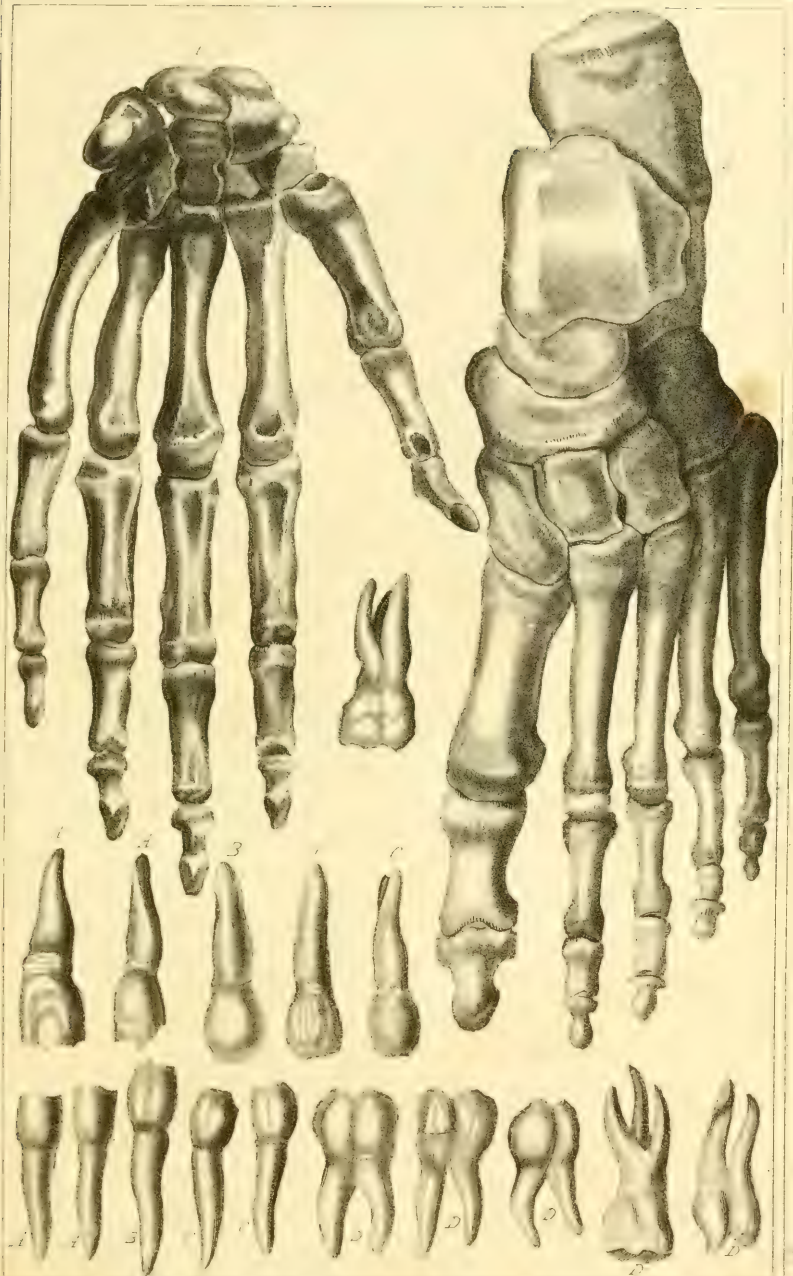
5



1. Caucasian Variety of the Human Species. 2. Mongolian. Do. 3. Ethiopian. Do. 4. American. Do. 5. Malay. Do.



1 Skull of a European female - Caucasian Variety 2 Skull of a Calmuck - Mongolian Variety 3 Skull of a Negro - Ethiopian Variety 4 Skull of a Carib as flattened by pressure in infancy - American Variety 5 Skull of a Carib as formed naturally - American Variety



1. The left Hand of a Man with its Twenty seven bones. 2 The left foot of a Man with its 26 bones
 A.A. the cutting teeth of a Man . B the canine teeth. C the grinding teeth.





1. Canine Tooth of the Asiatic Orang Outang. 2. Drum of the Hyoid bone of the Red Howling Monkey. 3. Head of the Howler Monkey. 4. Front of the Upper-Jaw of the Asiatic Orang Outang. a. a. Canine Teeth b. b. Cutting Teeth. c. c. Cutting Teeth twice the breadth of the outside ones. 5. Dentition of the Pangolin

1833



Front View of the
Orang Outang or Pigmy of Tyson.

London, G. Henderson, 2, Old Bailey

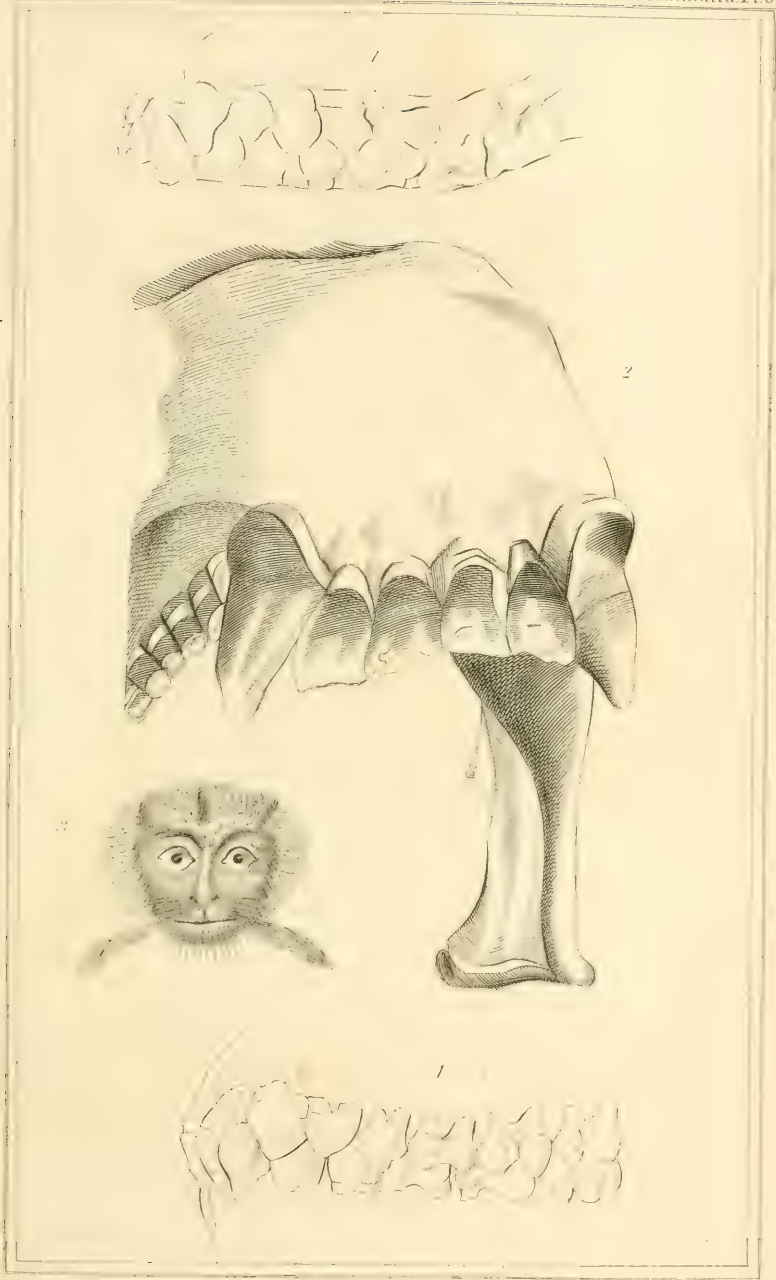


1. *Simia satyrus*. (The Ourang Outang) 2. *Simia troglodytes*. (The Chimpanze) 3. *Hylobates syndactylus*. (The Siamang.) another View see Mammalia. Pl. 7. 4. *Cercopithecus mona*. (The Mona



Back View of the
Orang Outang or Pigmy of Tyson.

London, G. Henderson, 2, Old Bailey

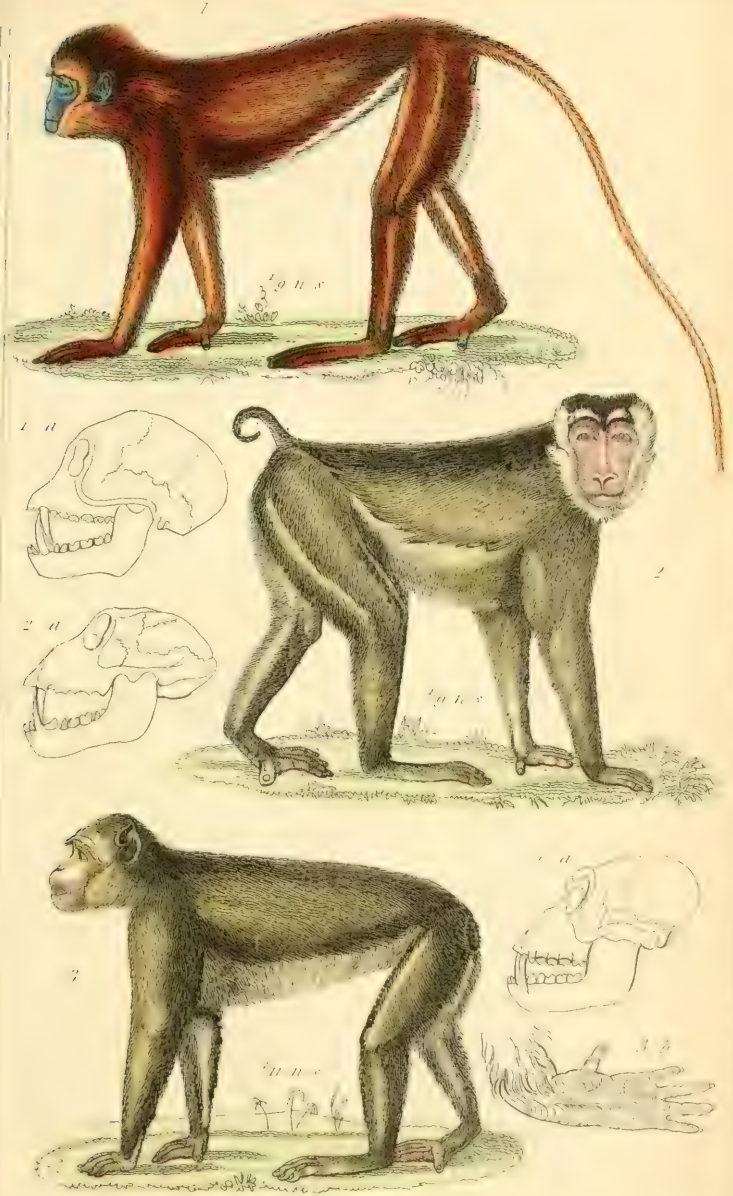


1. Dentition of the Howling Monkeys 2. The Lower Jaw with the Teeth of the Asiatic Orang Outang. 3. The Face of the Douroucouli. 4. Dentition of the Guenon Monkeys



2

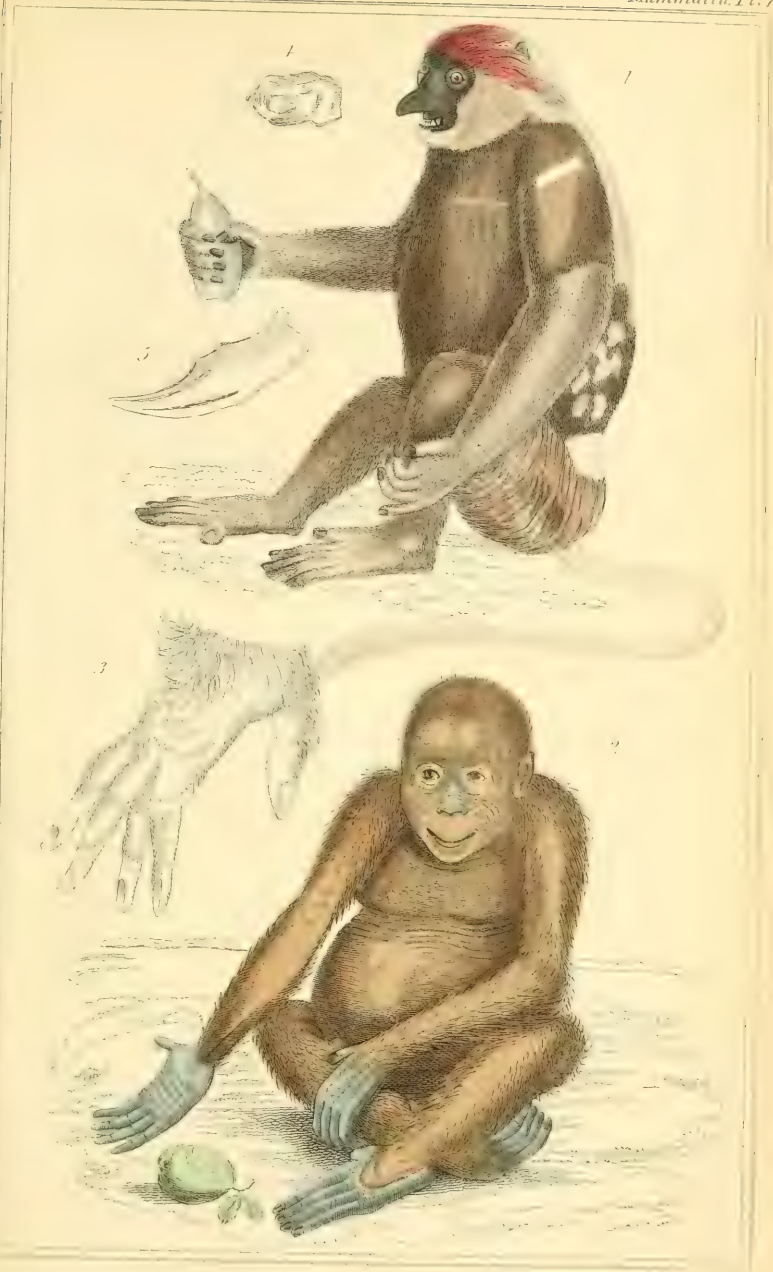
1. *Troglodytes Niger.* (*The Black Orang*) 2. *Pithecus Satyrus.* (*The Red or Asiatic Orang* (*Side View*))



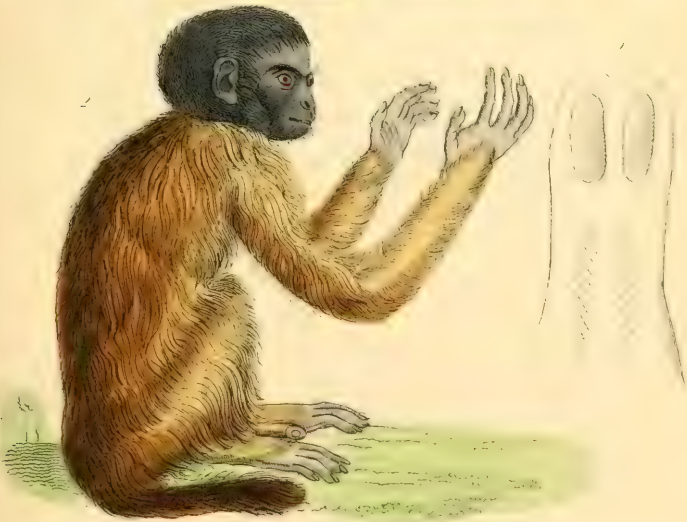
1. *Neomopithecus melalophos* Raf. / The Simpat 2. *Macacus nemestrinus* Er. cw. The Brown Baboon
 3. *Inuus silvanus* The Barbary Ape



1. *Hylhates syndactyla* 'The Siamang' 2. *Lasiopyga nemea* 'The Cochinchina Monkey'
3. Teeth of the *Cenopithecus*. *Geoff. N° III*



1. *Nasalis Larvatus.* (The Kahau or Proboscis Monkey.) 2. *Pithecius Satyrus.* (The Red or Asiatic Ourang Outang. (Front View.) 3. Foot of the Liamang. 4 & 5. Dentition of the *Semnopithicus Maurus.*



1. *Macacus silenus* (The Ouanderow) 2. *Pithecia melanocephala*

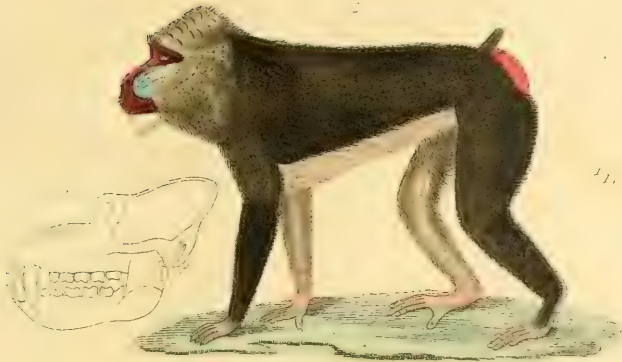
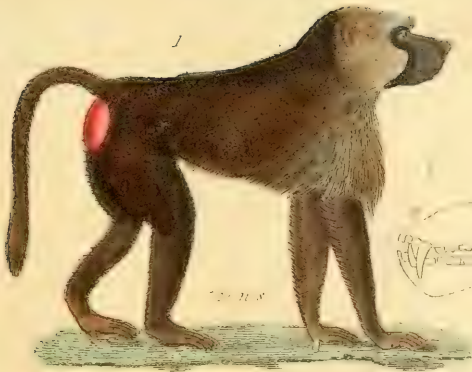
3 & 4. Teeth of the *Cenocbus*. Geoff. 3^e Hil. 5. Nose of the Kihau or *Protophoca*. N. salis Larvatus. Geoff. 3^e Hil.



1. *Cercopithecus ruber*, Geoff. S^o Hill. *The Red Monkey*. 2. *Papio comatus*, Geoff. S^o Hill. *The Chacma*. 3. *Cebus fatuellus* Geoff. S^o Hill. *The Horned Savaioi*.



1. *Aotes Trivirgatus* Humboldt. *The Demouondi*. 2. *Cebus monachus*, *The large-headed Sapajou*.



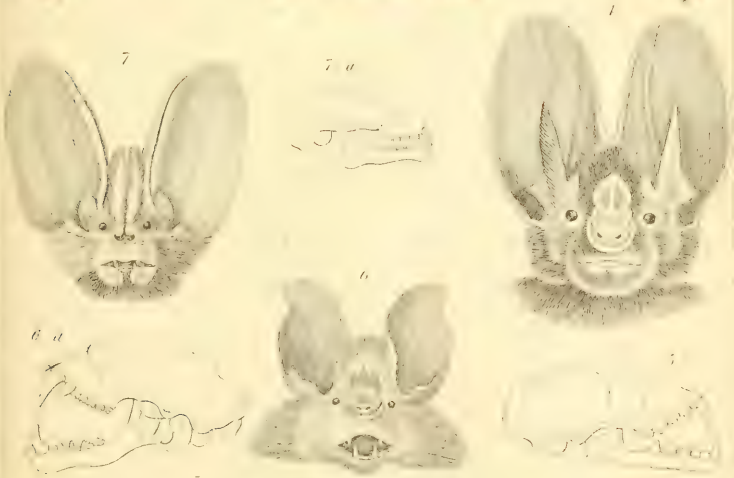
1. *Cynocephalus porcarius* / *The Chaema* 2. *Papio maimon*, *Groff. s^o Hil.* / *The Mandril*
 3. *Mecetes seniculus* / *The Red Howling Monkey*



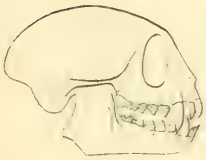
1. *Brachyteles* *neroi* *oillus* (The Muta) 2. *Cebus* *apella* (The W. m.)
 3. *Pithecia* *rufiventris* (The Red-bellied Sae)



1. *Pteropus Dussumieri*, isid. Geoff. *S. Nil.* (The Rousette of Dussumier) 2. *Pteropus Keraudrenius*. (The Rousette of Keraudren) 3. The Head of the *Cephalotes Fallasii* Geoff. (Cephalote of Fallas) 4. *Molossus obscurus*, Geoff. (The Molossus Bat) 5. *Noctilio Leporinus*, Gm (The hare-tipped Bat)



1. *Phyllostoma crenulatum*, Geoff. (The Indented Javelin Bat) 2 & 3 Teeth of *Phyllostoma spectrum* et *instatus* Vampire & Javelin Bat 4. Head of the *Megaderma trifolium*, Geoff. (Trefoil-leaf Bat) 5 Head of the *Meg. frons*, Geoff. (Leaf Bat) 6. Head of the *Rhinolophus tridens*, Geoff. (Three-toothed Horse-shoe Bat) 7. *Nycteris Geoffroyi* (The Rear mouse Bat)



1. *Noelhoces trivirgata*! The Douroucouli! 2. *Hapale chrysemelas*! The Black Murking.
lachanotus indri. The Indri

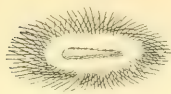


1. *Lemur ruber* [The Red Lemur] 2. *Galago senegalensis* [The Galago of Senegal]
 3. *Stenhopus tardigradus* [Sloth of Bengal] 4. *Tarsius spectrum* [The Tarsier]

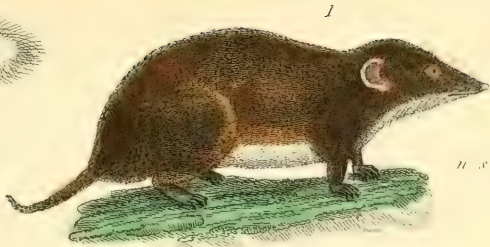


- 1. *Galago crassicaudatus* the Great Galago
- 2. *Mustela lutrocephala* the White Vison of the Furriers
- 3. *Mustela lutra Brasiliensis* the American Otter
- 4. *Canis jubatus* the Red Wolf
- 5. *Koala cinerea* the Ash coloured Koala

London. Gillenderson, 2. Old Bate.



1. d



u. s.



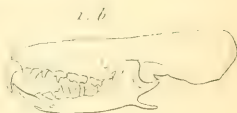
2. c



2. d



2. e



1. b

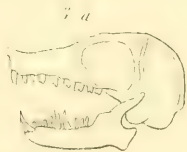


2. b



2

u. s.



3. a



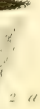
3. b



3. c



3. d



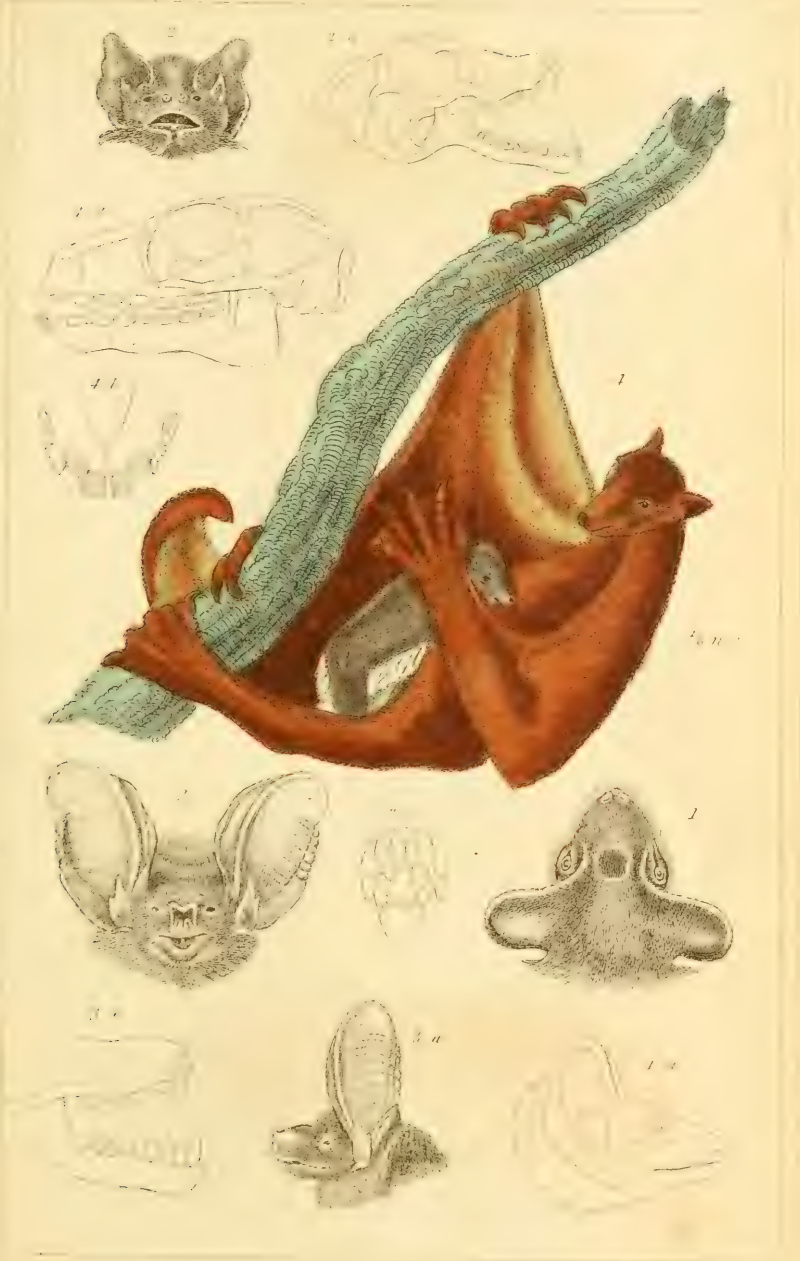
2. a

3



u. s.

1. *Sorex araneus* Lin. The Common Shrew 2. *Mygale moschatus* Lin. / The Russian Musk Rat.
3. *Chrysochloris asiatica* Lin. The Golden Mole



1. *Taphozous mauritanicus* Geoff. 5^e Ed. (The Mauritius Horse-Shoe Bat) 2. *Nespectilio pipistrellus* Gm. (The Pipistrelle)
 3. *Plecotus timoriensis* Geoff. (The Timor Bat) 4. *Caluopithecus rufus* Geoff. (The Red-flying Lemur Bat)

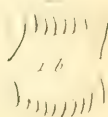


1. *Erinaceus europaeus*. Lin. / The Common Hedge Hog | 2. *Centetes setosus* / The Radiated Tenrec
3. Head of the *Centetes setosus*. / The Tenrac | 4. *Cladobates ferruginea*. / The Ferruginous Tenrec

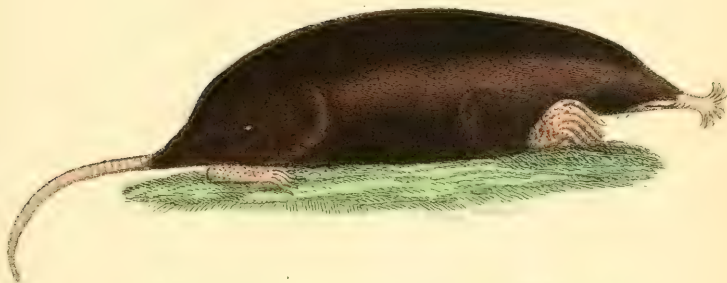


1. *Ursus labiata*. Blainv. [The Thick lipped Bear] 2. *Ursus arctos*. [The Brown or common Bear of Europe] 3. *Ursus malayanus*. Horsfield. [The Malay Bear]

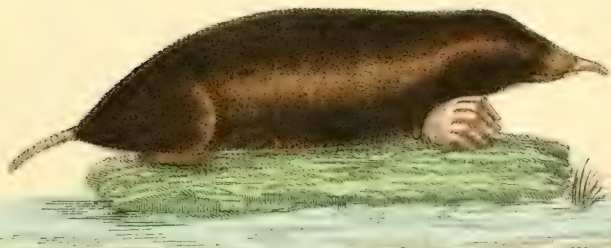
1



2



3



1. *Talpa europaea*, Lin. (The Common Mole.) 2. *Condylura cristata*, Lin. The Radiated or American Mole. 3. *Scalops aquaticus*, Lin. The Canadian Sealop.



1. *Ursus americanus*. Gn. / *The North American Black Bear* / 2. *Ursus ferocissimus*. Lewis & Clarke. / *The Grizzly Bear* / 3. *Ursus maritimus*. / *The Polar Bear*

London: G. Meinersen. 2, Old Bailey



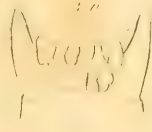
L. H. S.

10



L. H. S.

2



L. H. S.

3

1. *Ursus ornatus* (The Black Bear of the Cordilleras) — 2. *Procyon lotor* Lin. (The Raccoon) — 3. *Ailurus Reithgens* — The Chinese Panda.



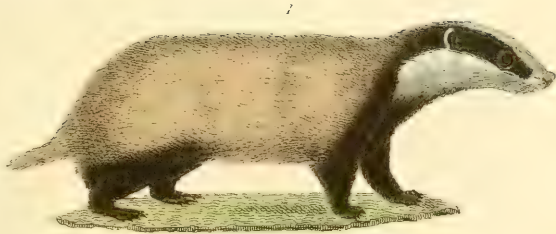
Heads of two Anomalous Mammiferous Animals
 1 2 3 the skull of the Aye-Aye (*Cheiromys Madagascariensis*) in three views
 the base 1. the top 2. the side 3.
 4 5 6 the skull of the Wombat (*Didelphis Ursina* Shaw *Phascogonyx ursinus* Geoff. Cuv.)
 in three views. the base 4. the top 5. the side 6.

London. G. Henderson 2. Old Bailey.

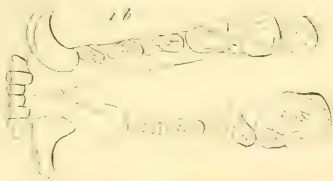


1. Head of the White Bentwing. 2. Potos caudivolutus (The prehensile-tailed Lemur)
 3. Nasua rufa (The Red Coati)

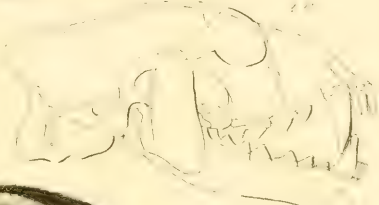




1918



1919



1920

1 *Meles vulgaris* The Common Badger / 2 *Gulo arcticus* The Arctic Skunk
 3 *Putorius zorrillo* The Cape Pole Cat or Zorrillo



1 *Mustela pekan* (The Canadian Marten or Pekan) 2 *Mephitis americana* (The striped skunk)
 3 *Lutra nair* (The Pondicherry Otter) 4 Head of the Javanese Weasel



1. *Paradoxurus typus* (The Poigoune of India) 2. *Herpestes castra* (The Mongoose of India)
 3. Cranium & jaws of (*Viverra zibethica*) the Suniate. 4. *Proteles lalandii* (The Mongoose of Laland,



1

$\frac{1}{12}$ n.s.



1b



$\frac{1}{12}$ n.s.

3. 2

2.a



$\frac{2}{7}$ n.s.

1. *Canis vulpes* (The common Fox) 2. *Viverra civetta* (The Civet)
 3. *Genetta Civica/Viverra genetta* Lin: (The common Genet,

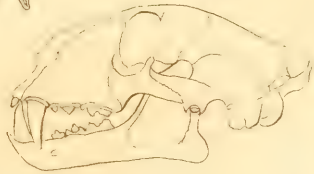
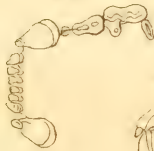
1



1 a

2 b

2 a



2

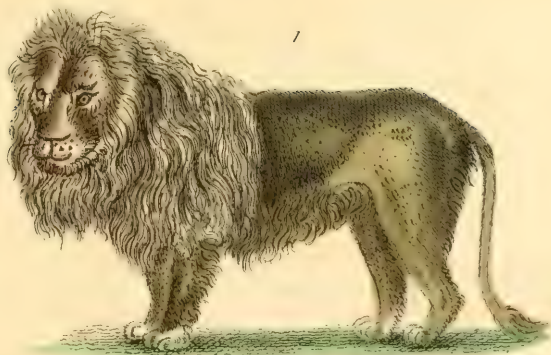


1. *Hyaena brunnea*, Thunberg. (The Brown Hyena)

2. *Felis tigris*. (The Royal Tiger)



1. *Calocephalus vitulinus*. Lin. Guv. [The Common Seal] 2. *Macrorhinus proboscideus*. Guv. [The Elephant Seal] 3. *Otaria jubata*. [The Sea Lion of Steller, Pernetti, &c.] 4. *Otaria ursina*. [The Sea Bear] 5. *Trichechus rosmarus*. Lin. Guv. [The Sea Cow of the Eastern Hemisphere]



Felis leo



Felis pardus



Felis catus

1 *Felis leo, Lin.* The Lion

3 *Felis catus, Linn.*



1. *Didelphis cancrivora* (The Crab-eating Opossum) 2. *Dasurus viverrinus*. White's Dingo
 3. *Perameles nasutus* Geoff. (The Perameles)



1. *Hypsiprymnus* White, Quoy et Gaim. / *The Kangaroo Rat or Potoroo* / 2. Head of *Macropus major*, Shaw. / *The Greater Kangaroo* / 3. *Lipurus cinereus*, Gold. / *The Koala* / 4. *Phascolomys* Wombat, Linc. / *The Wombat*



1. *Phalangista rufa*. Geoff. (The female hollow-fronted Phalanger) 2. Head of the *Petaurus taquanoides*. Desm. (Taquan Phalanger) 3. *Petaurus pygmaeus*. Sch. (The Flying Dwarf Phalanger)

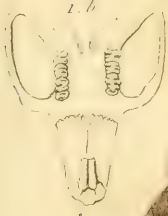


1. *Sciurus aurogaster*, Fr. Cuv. (The Golden-bellied Squirrel) 2. Head of a Guerlinguet (A Sort of Squirrel)
 3. *Pteromys volucella*, L. (The American Flying Squirrel) 4. *Cheiromys madagascariensis* (Gmel.) (The Aye-aye)

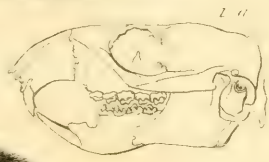


1. *Hydromys chlorogaster*, Geoff. / *The Hydromys* 2. *Capromys Poyyii*, / *The Houtia*.
 3. *Mus decumanus*, Pall. / *The Sarnulot or Common Norway Rat*

1



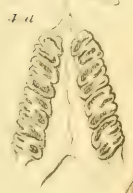
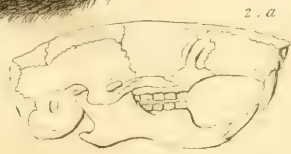
1.n.s.



2



2.n.s.



3



3.n.s.

1. *Arctomys empetra*, Schr. / *The Quebec Marmot* / 2. *Myoxus glis*, L. / *The Fat Dormouse* / 3. *Echimyus cayennensis*, Geoff. / *The Cayenne Echymys* / 4. Head of the *Echimyus dactylinus*, Geoff. / *Long toed Echymys* /

1



2



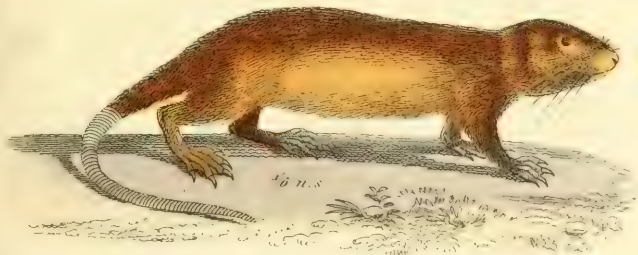
2. b



2. d



3



1. *Geomys bursarius* Shaw. *Am.* (The Canadian Hamster) 2. *Castor fiber* Buff. *Am.* (The Beaver)
3. *Myopotamus coipus* Melin. *Am.* (The Coia)



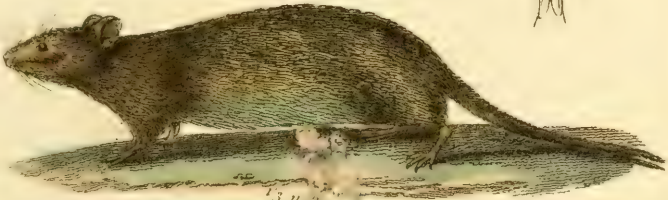
1. *Gerbillus pyramidum* Laid. Geoff. / *The Gerbil of the Pyramids* / 2. *Cricetus vulgaris* Desm. / *The Common Hamster* / 3. *Arvicola oecohomus* Desm. / *The Meadow Campagnol*

1



12 n. s.

2

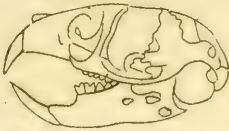


13 n. s.

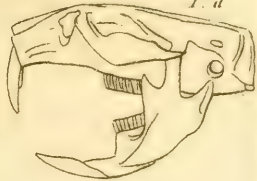
2. b



3. a

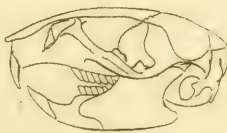


1. a



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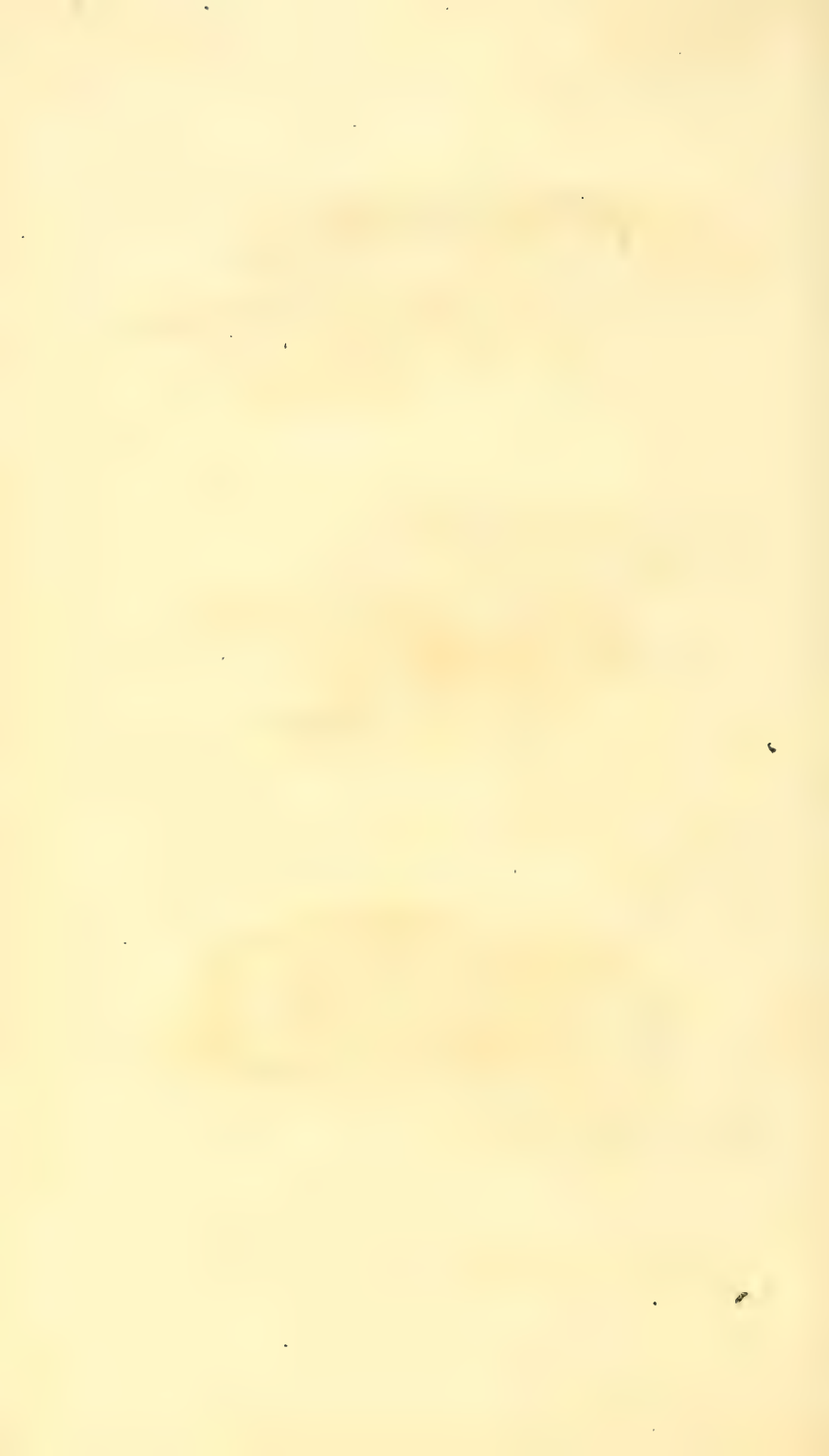
2. a



13 n. s.

1. *Georychus lemmus*. L. (The Lemming.) 2. *Otomys capensis*. Er. Cuv. (The Cape Otomys)

3. *Dipus hirtipes*. Lich. (The Hairy-footed Jerboa)

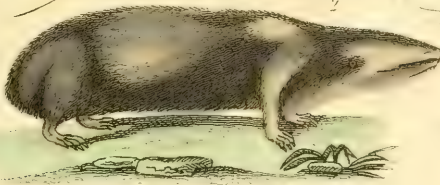
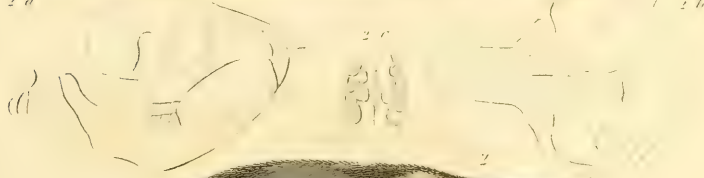




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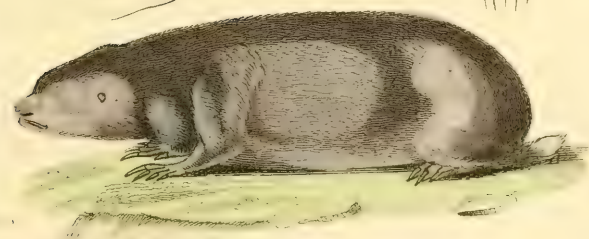
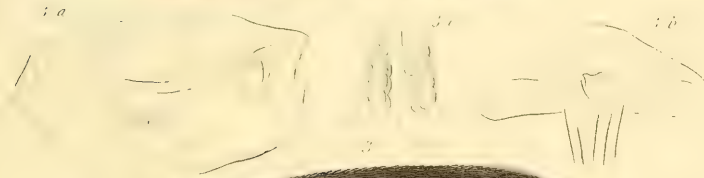
126



1000

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126

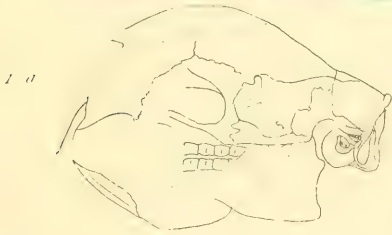


1000

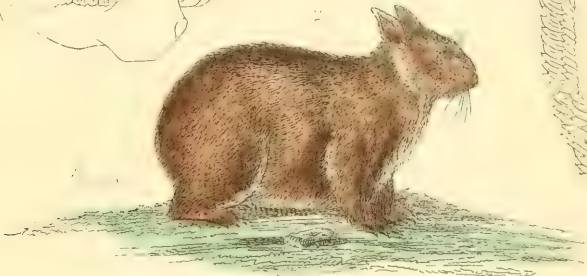
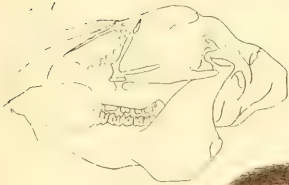
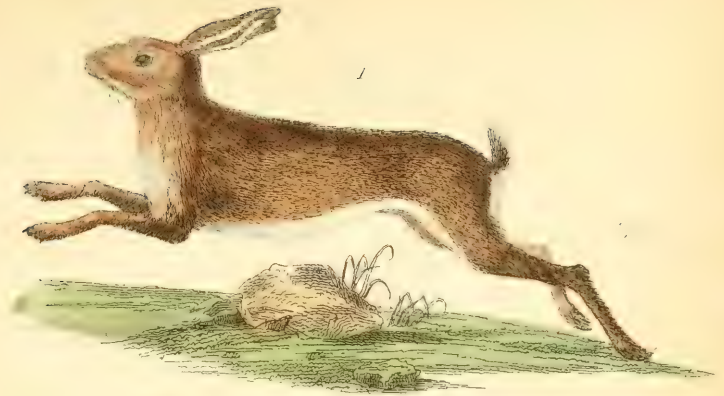
1. *Haplorhina caffer*. (The Jumping Hare) 2. *Spalax typhlus*. The Blind Rat Mole
 3. *Bathiergus maritimus*. (The Maritime Rat Mole)



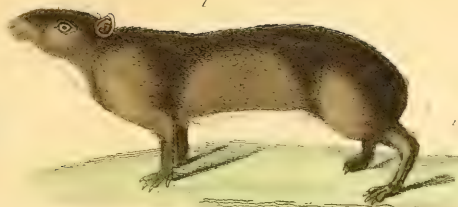
1. *Hystrix dorsata*, Lin. (The Urson) 2 *Hystrix prehensilis*, Lin. The prehensile-tailed Porcupine or toucandou 3. *Hystrix fasciculata*, Lin. (The pencil-tailed Porcupine)



1. *Hesperomys* ...
 2. *Syntherisma* ...



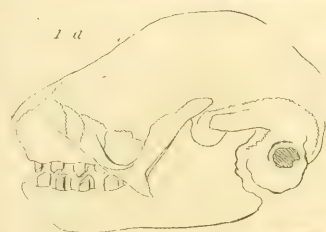
1. *Lepus timidus*, Lin. / The Common Hare / 2. *Lagomys alpinus*, Pall. / The *Lagomys ptica*, or Alpine Hare / 3. *Hydrochaeris capybara*, / The Capybara



1. *Cavia cobaya*. *Aperca*. (The Guinea Pig) 2. *Chloromys aracoti*. (The Aracoti)
3. *Cecelomys paca*. (The White Spotted Paca)



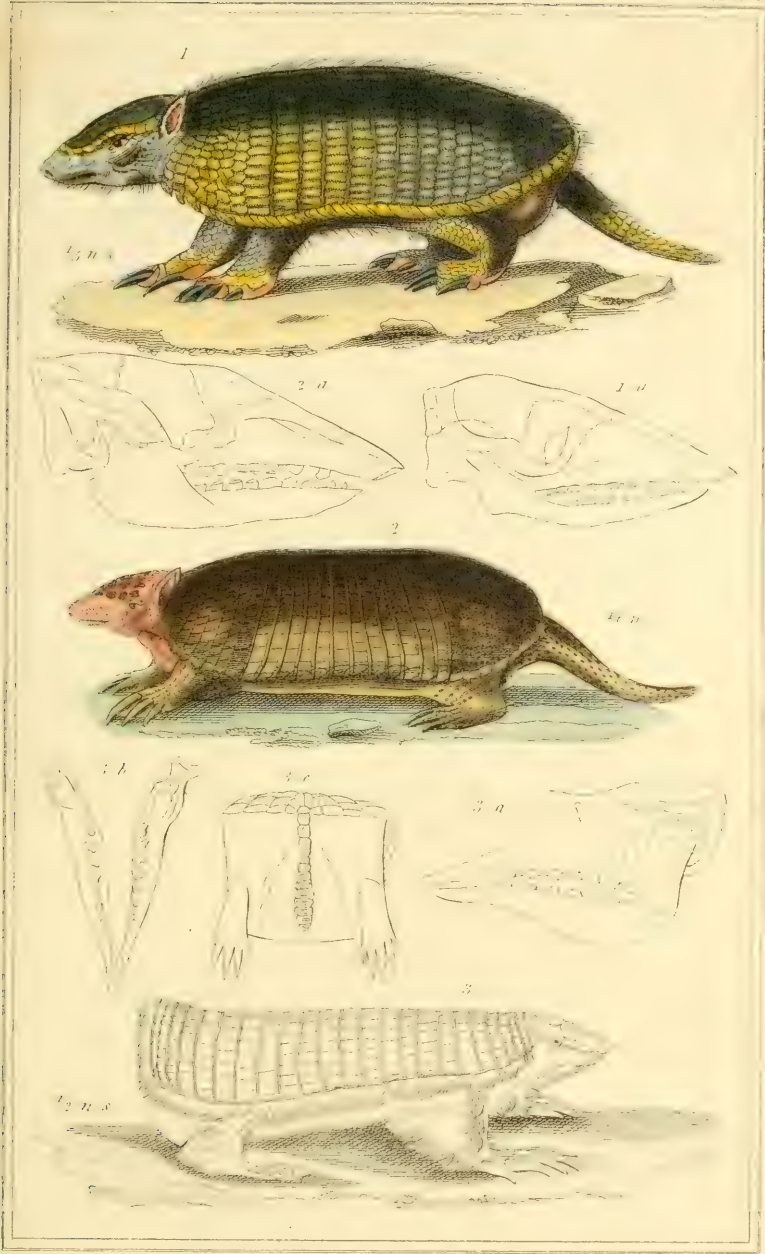
10 n s



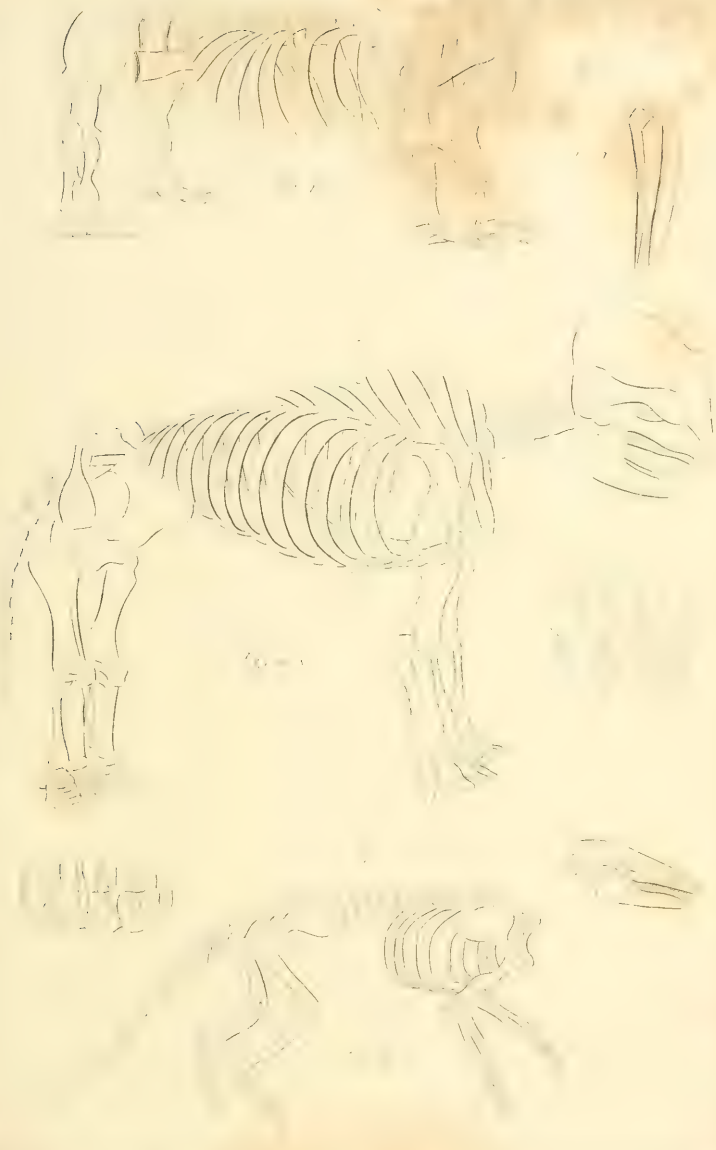
22 n s

1. *Arctus torquatus*. Geoff. (The Black Collared Ai)

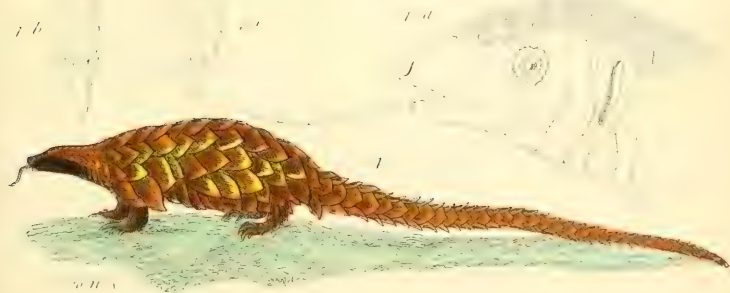
2. *Bradypus didactylus*. (The Unau)



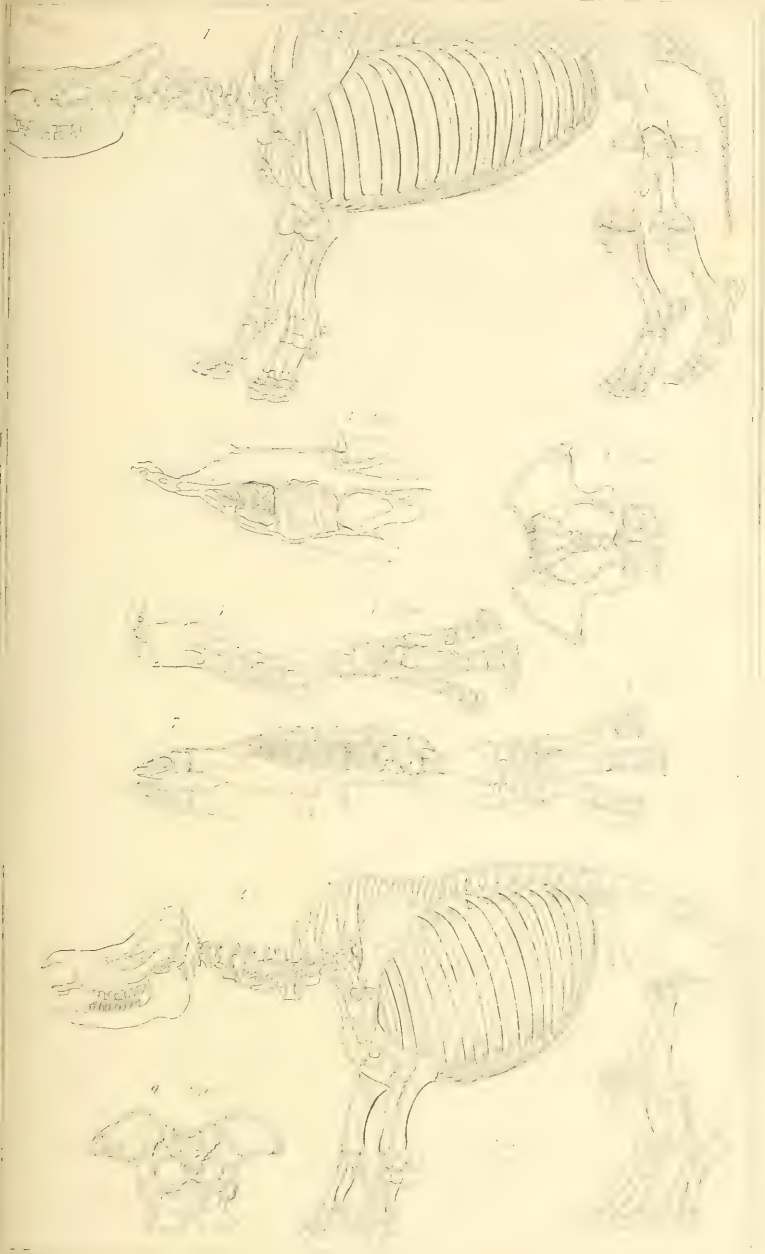
1. *Dasyurus encoubert*. Desm. / *The Six-banded Armadillo* 2. *Dasyurus uncinatus*. L. / *The Tatouay*
 3. *Chlamyphorus truncatus*. Harlan. / *The Truncated Chlamyphore of Chili*



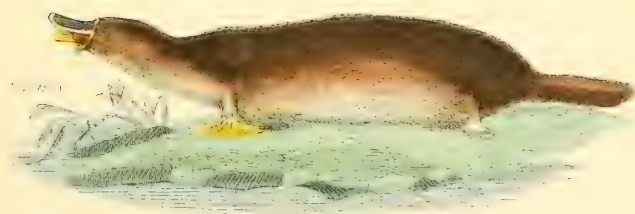
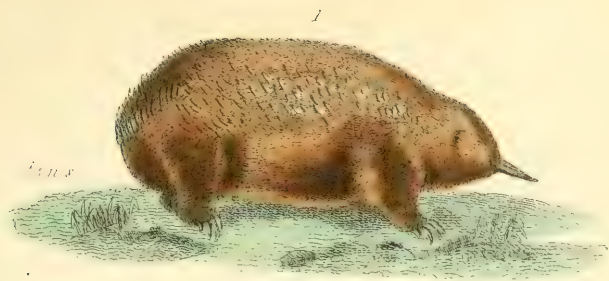
1 *Megatherium* *taeniops* *Bl.* 2 *Mastodon* *orientalis* *Cuv.* 3 *Anoplotherium* *terrestris* *Cuv.*



1. *Orveteropus capensis* (The Cape Ground Hog) 2. *Myrmecophaga didactyla* (The Two-toed Ant Eater)
 3. Head of the *Myrmecophaga jubata* (Tantanoir) 4. *Manis tetradactyla* (Lin.) (The Manis Hog)

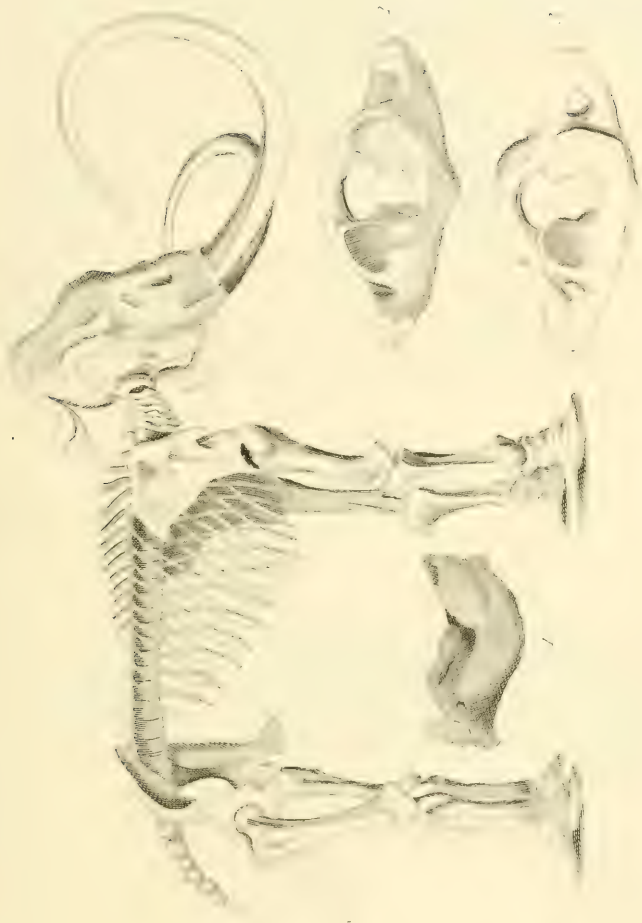


1. Skeleton of the Two horned Rhinoceros. 2. Skeleton of the One horned Rhinoceros of Java.
 3 to 9. Anatomical details of the Rhinoceros. [For further description see explanation of the plates at the commence-
 ment of the Volume.]



1. *Echidna setosa*. The Bristly Echidna

2. *Ornithorhynchus paradoxus* Blain. The Paradox Animal of New Holland

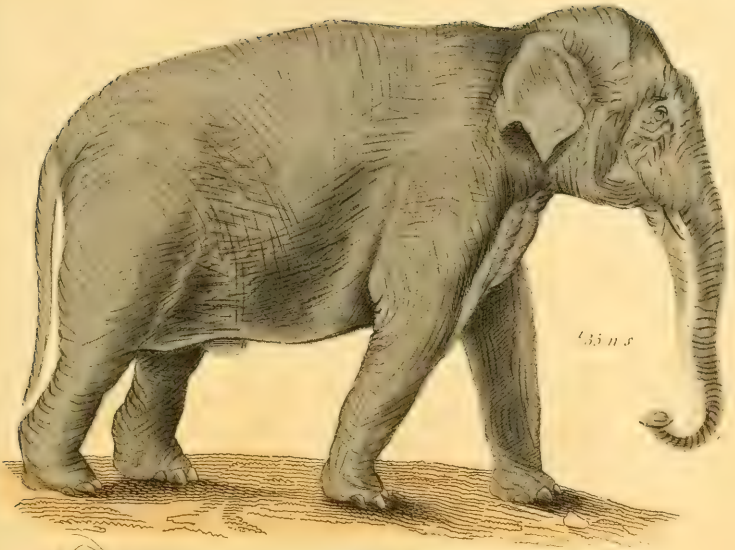


Skeleton of the Indian Elephant.

in a nearly entire species in a fossil state, discovered in Siberia

London, G. Henderson, 2, Old Bailey.

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33 n.s.

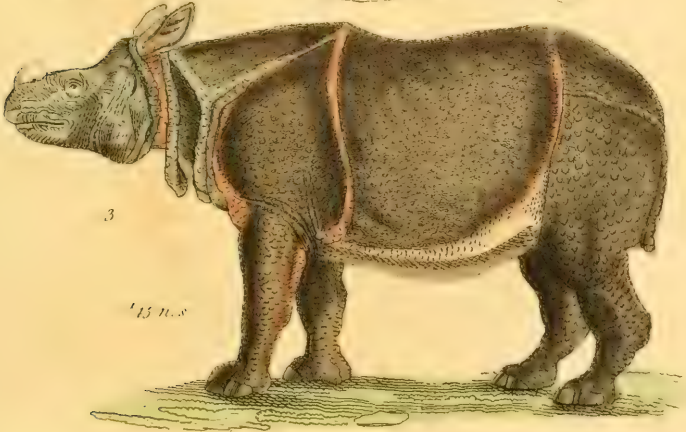


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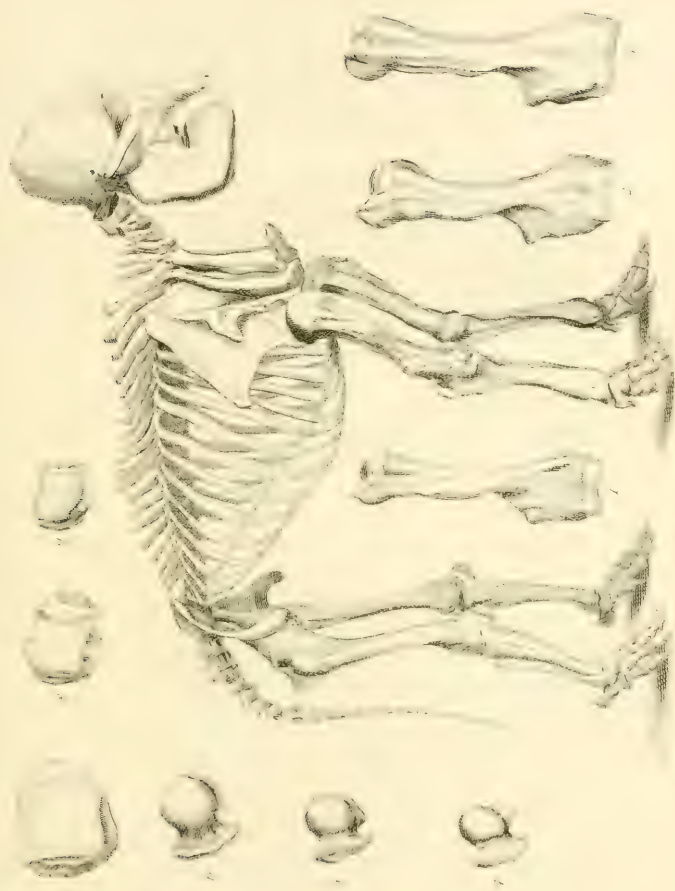
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1. *Elephas indicus.* (The Indian Elephant) 2. Teeth of *Elephas.* The African Elephant
 3. *Rhinoceros indicus.* (The Indian Rhinoceros)



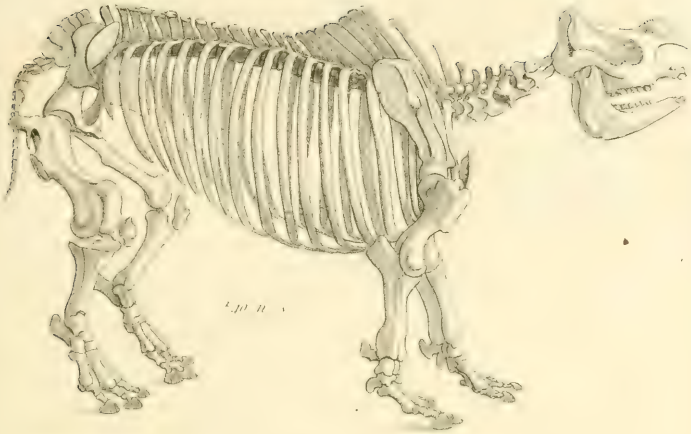
Skeleton of an extinct species of Elephant nearly allied to that of India. (For Description see Animal Kingdom, Vol. 1, Page 152.)



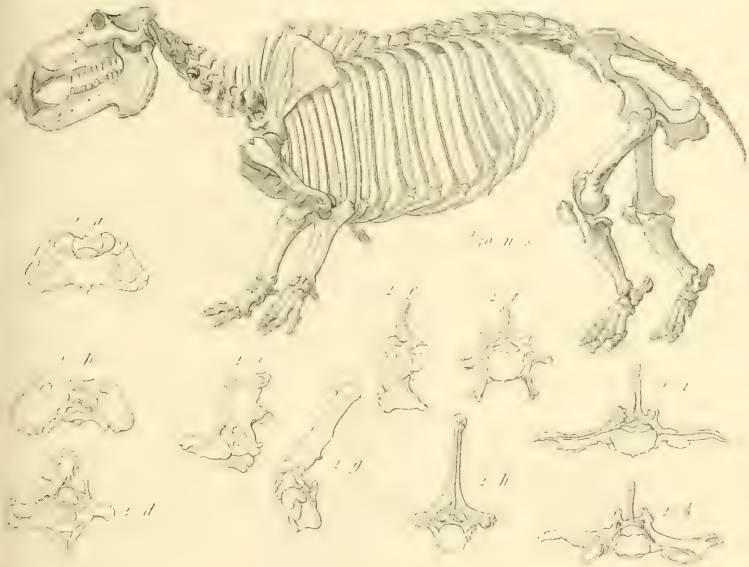


1. *Dicotyles labiatus* (The White lipped Peccary or Tajassou) 2. *Phacochoeres Aethiops* (The Hog of Aethiopia) 3. *Sus scrofa* Var. of Siam. (The Wild Hog)

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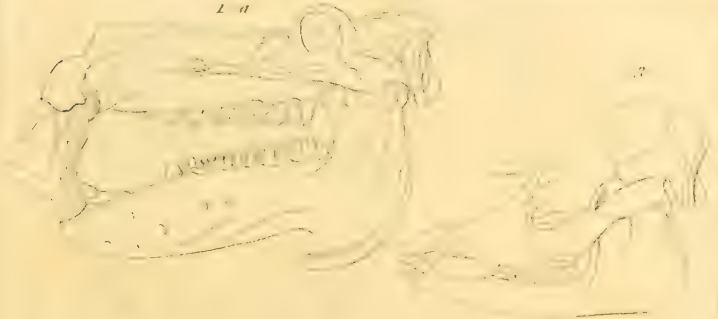


1. Skeleton of the *Rhinoceros unicornis*. (One horned or Indian Rhinoceros)
2. Skeleton of the *Hippopotamus amphibius*. Lin. (The Hippopotamus)

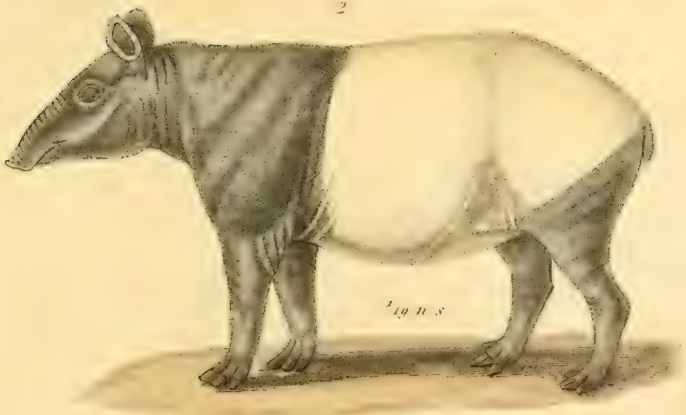
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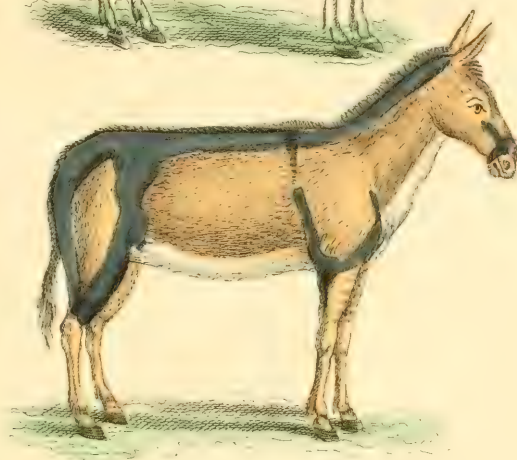
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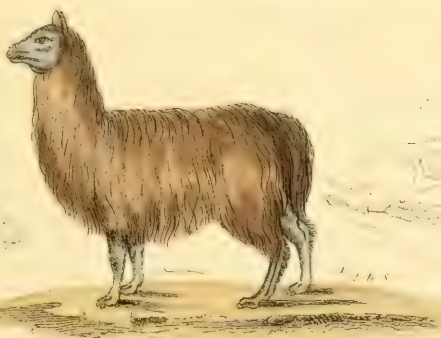


1. Hippopotamus amphibius. L. (The Hippopotamus) 2. Tapir indicus. (The Tapir of India)
 3. Head of Tapir americanus L. (The American Tapir.)

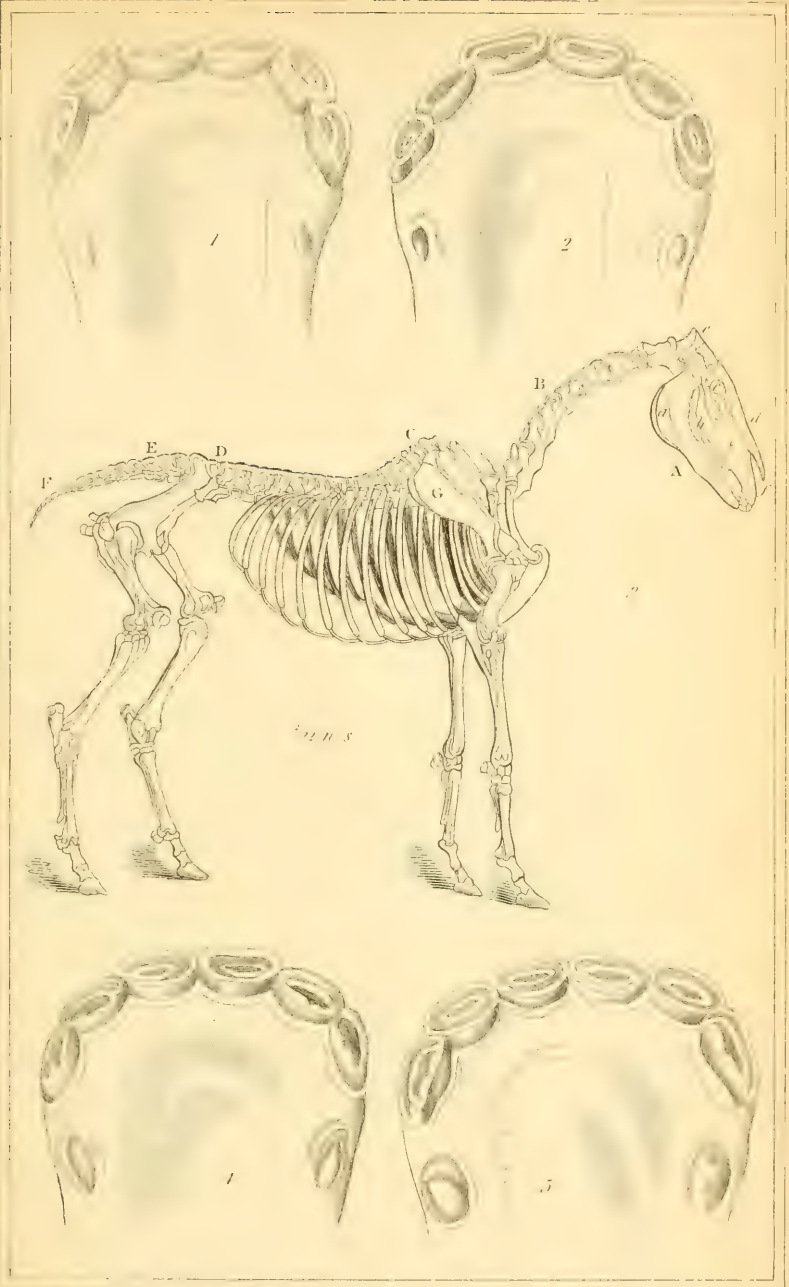


1. *Equus montanus*. Burchell. (The Onagga) 2. *Equus hemionus*. Lullas. (The Dziggurtai)

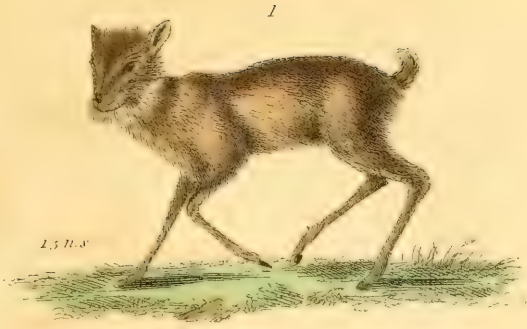
3. *Equus zebra*. Lin. (The Zebra)



1. *Equus quagga*, Lin. (The Quagga) 2. *Camelus dromedarius*, L. (The dromedary)
3. *Auchenia thoma* Lin. Var. Alpaca. (The Llama)



1. The teeth of a horse three years old. 2. The teeth of a horse four years old. 3. External structure of *Equus Caballus* The Common Horse. A. The Head. a. The posterior maxillary or under jaw. b. The superior maxillary or upper jaw. c. The orbit. d. The nasal bone. e. The suture dividing the parietal bones below from the occipital bones above. f. The superior maxillary bone. B. The Six Cervical Vertebrae. C. The Eighteen Dorsal Vertebrae. D. The Six Lumbar Vertebrae. E. The Five Sacral Vertebrae. F. The Caudal Vertebrae. G. The Scapula or shoulder blade. 4. The teeth of a horse five years old. 5. The teeth of a horse six years old.



1. *Moschus Pygmaeus*. Buff. (The Pigmy Musk Ox) 2. Head of *Moschus moschiferus*. (The Musk Ox)
 3. *Cervus virginianus*. (The Virginia Deer)



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1. *Cervus tarandus*. L. (The Reindeer) 2. *Cervus elephas*. L. (The common Stag)



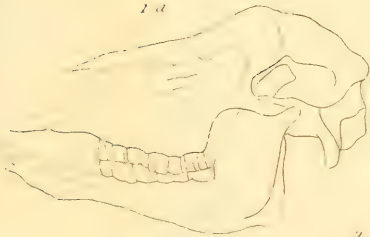
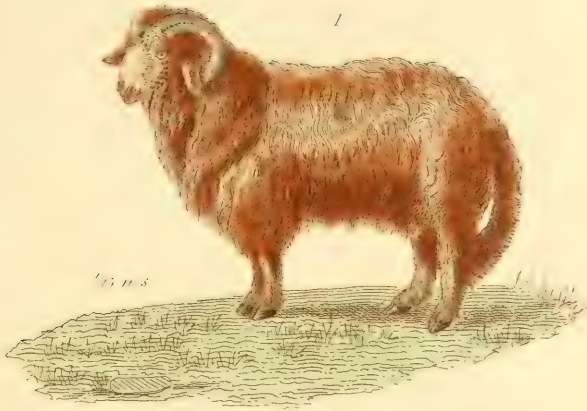
Cervus canadensis. Gn. (The Elk)

London: G. Henderson, 2. Old Bailey

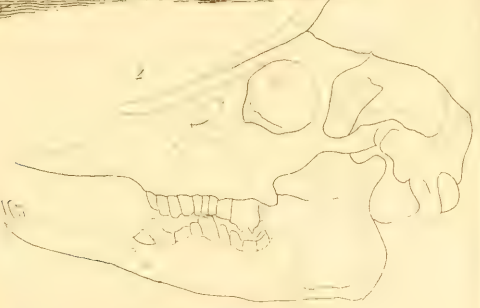


1. *Camelopardalis girafa*. The Giraffe.

London: Henslow, 2. Old Bailey.



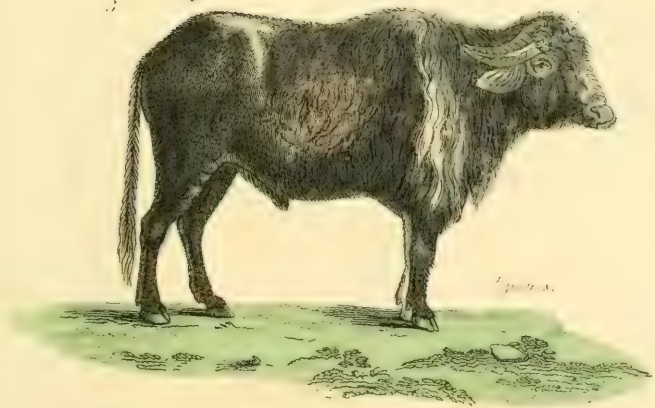
1. *Ovis ammon*. Lin. Var. *Laticauda* Lin. / The Argali of Siberia
2. *Capra aegragus*. Lin. / The Wild Goat



1. Antilope Kevella, Gmel. (The Kevell Antelope)

2. Head of the Gazelle

3. Antilope gazella Linc. The Gazelle



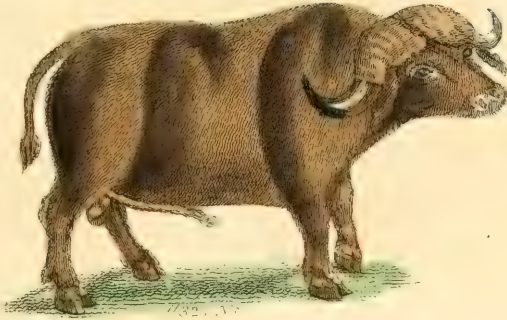
1. *Bos bison* Lin. / The American Buffalo or Bison. 2. Head of *Bos taurus* Lin. / The common Ox.
 3. *Bos bubalus* Lin. / The Buffalo.



1. Head of the *Bos moschatus*. Male. for female figure see *Mammalia*. Pl. 59. 2. *Ovis musimon*. Geoff. (The Mouflon of Sardinia) 3. *Ovis tragelaphus*. Cav. (The Mouflon of Africa) 4. *Bos urus*. Em. (The Auroch)

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2



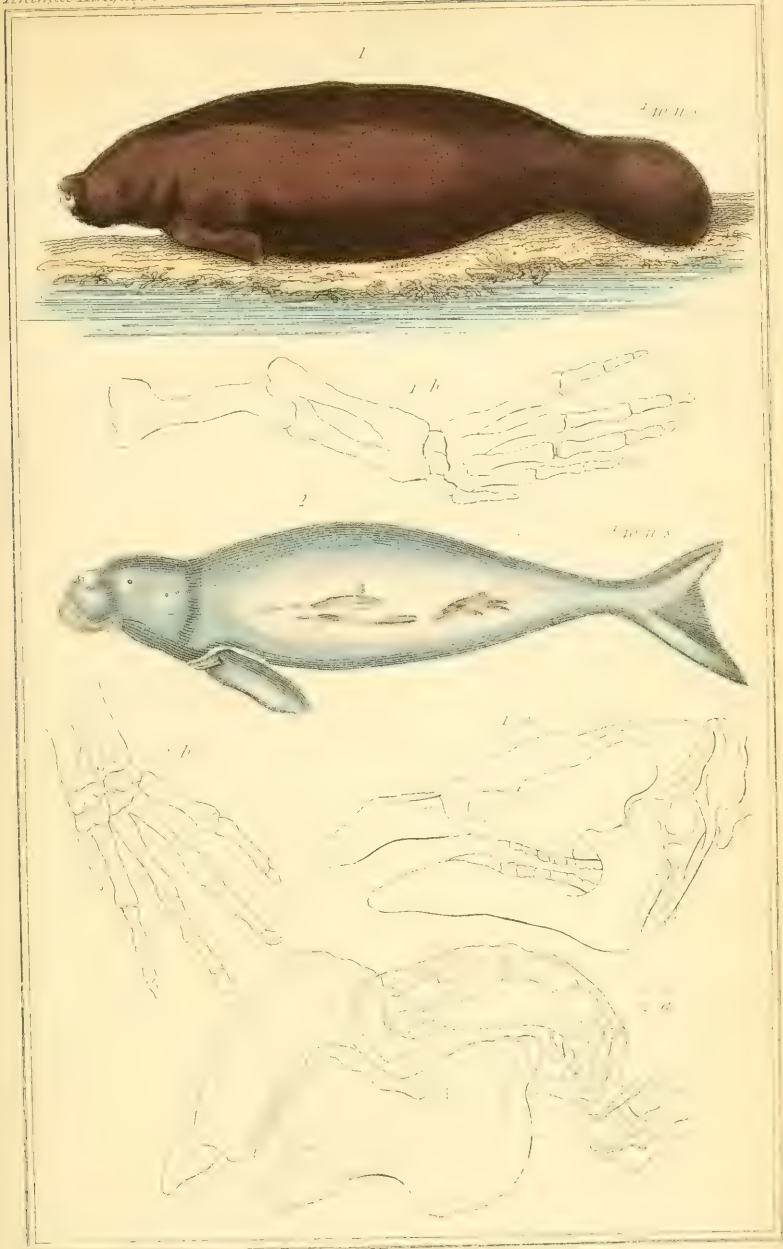
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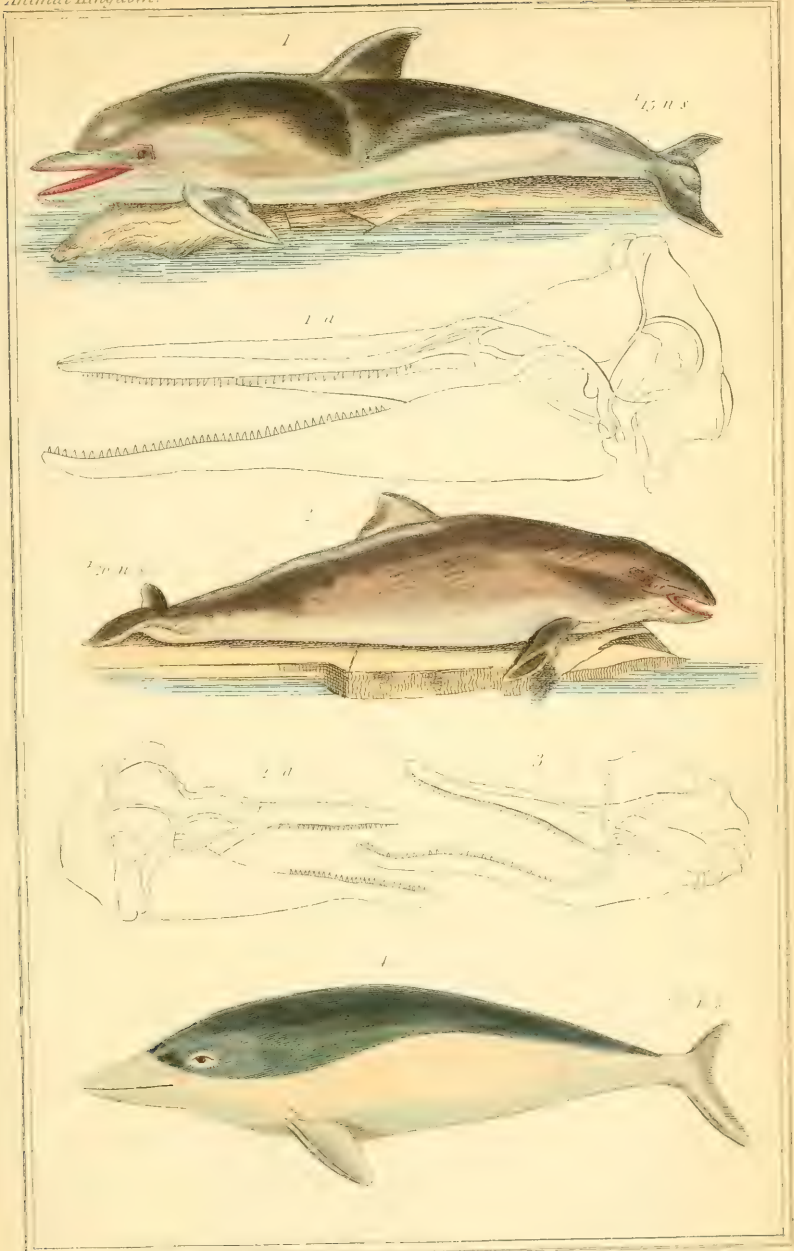
1. *Bos caffer*, Sparrm. (The Cape Buffalo) 2. *Bos moschatus* Gm. (The Musk Ox of America)
3. *Bos grunniens*, Pall. (The grunting cow of Tartary)



1. *Delphinus orca*. Lacep. The Grampus } 2. *Delphinus capensis*. Duss. (The Cape Porpoise) 3. The brain & upper jaw of the *Delphinus orca*. 4. The lower jaw of the *Delphinus orca*. 5. *Delphinus globiceps*. Guv. The round headed Grampus }

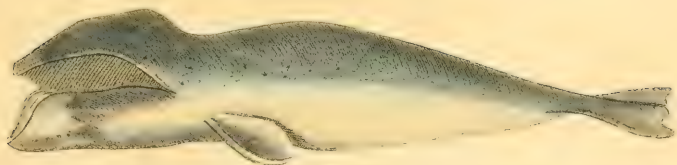


1. *Manatus americanus*. Desm. (The American Lamantin or Sea Cow)
 2. *Halicore dugong*. (The Dugong)



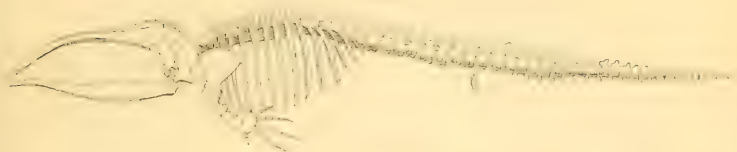
1 *Delphinus delphis*. L. (The Common Dolphin) 2. *Phocaena vulgaris*. (The Common Porpoise) 3. Head of *Delphinorhynchus gangeticus*. Rox. (The Dolphin of the Ganges) 4. *Delphinapterus leucoramplus*. Peron. (The South Sea Porpoise)

3



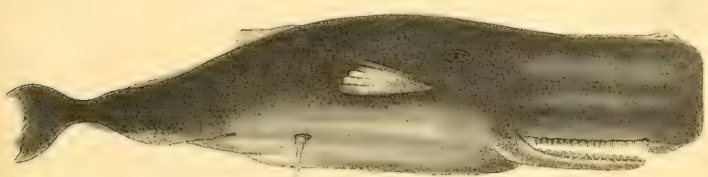
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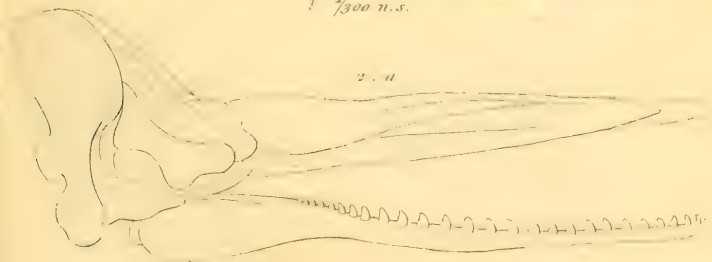


1/300 n. s.

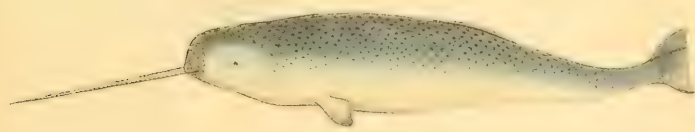
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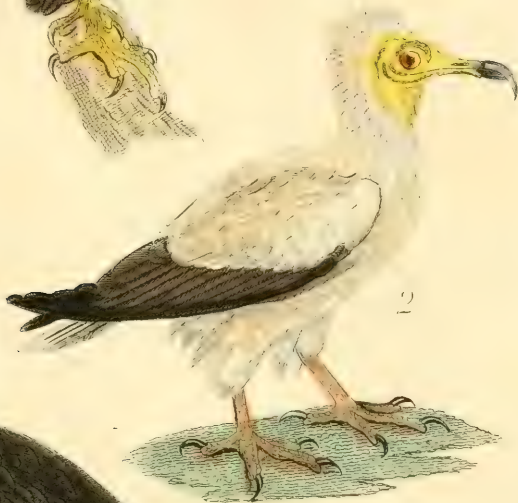
1. *Monodon monoceros*. L. Cav. (The Narwhal) 2. *Physeter macrocephalus*. Shaw. Cav. (The Cariboleet or Sperruceti Whale) 3. *Balena mysticetus*. L. Cav. (The great Greenland or Common Whale)



1. *Vultur indicus*, Giv. [The Indian Vulture] 2. *Sarcocamphus gryphus*, Giv. [The tender or great Vulture of the Andes] 3. *Sarcocamphus papa*, Giv. [The King of the Vulture's] 4. *Gypaetos barbatus*, Giv. [The Lamb's Vulture] 5. Head of the *Cathartes aura*, Giv. [The Turkey Buzzard]



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1. Falco Fulvis Gm. (The Common Eagle.) 2. Neophron Percnopteri Sav. 3. Falco Ossifragus Gm. The Osseous Eagle.



1. *Falco communis* Gm. The Common Falcon 2. *Falco nova Hollandiæ* White. The Goshawk of New Holland
 3. *Falco candiama* & *Islandicus* Gm The Goshawk



1. *Falco fementalis*. 2. *Aquila malaiensis*
3. *Astur anthothorax*. 4. Head of the Geriault

London: G. Henderson, 2, Old Bailey



1. Falco, parisiacus . Lath. 2. Falco, enrynnensis . Gm. 3. Falco, occipitalis . Daud



1. *Milvus forficatus* (The fork tailed Kite) 2. Head of the *Pernis cristata* (The crested Honey buzzard of Java)
 3. *Buteo jacksoni* (The Rou-noir or Jackal buzzard) 4. *Serpentarius cristatus* (The crested Secretary or snake eater)



1. *Prinis cristata* Guvier : The Honey Buzzard of Java. 2. *Falco pennsylvanicus* Wils : The American Sparrowhawk. 3. *Buteo albicaudatus* Vieill : The White-tailed Buzzard

London. G. Henderson. & Old Bailey



1. Falco Haliaeetus. 1. The Osprey. 2. Harpyia Ferox. The American Harpy. 3. Caracara Vulgaris. The Common Caracara.



1. *Harpia Maxim-a. viellott.* The Great Harpy. 2. View of the Head and Face of Fig 1. 3. *Falco Guianensis Daud.* The Small Eagle of Guiana.



1. Falco palustris. Pr. Mar^r 2. Strix bubo. Ent. [The Grand Duc
3. Scrinium aluco. Lin

3 b



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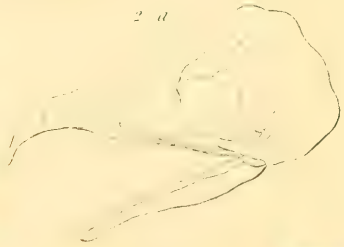
17 n s

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16 n s

2 a



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17 n s

3 a



1. *Otus macrorhynchus*. Tem. (The large beaked Owl) 2. *Strix flammea* J. (The Ominous Screech Owl) 3. *Symium pagodarum*. Tem. (The Village Owl)



1 Bubo virginianus (the great horned owl)
 2 Noctua scops (the screech owl)
 3 Scops asio (the common nighthawk)



1 *Edolus renifer*. (Linnæus Shaw) (The Malabar Shrike)
2 *Phyalura flavirostris*. (The Brazilian Yellow Bill)

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1. *Cuculus guinz* (The spotted Cuckoo) 2. *Coccyzus Geoffroyi* (The couas Cuckoo)
 3. *Centropus menebiki* (The dark-nailed Coucal)



1. *Coccyzus cristatus* Vieillot The Conas. 2. *Cuculus canorus* Lin. The Common Cuckoo
3. The Bill of the *Sturnothera vetula* Vieillot, The Indicator. *Indicator minor* Vieillot The Indicator



1 *Lanius collaris* the collared Shrike! 2. *Graucalus melanops* the dark eyed Cheweari 3. *Bairia Sempora*, the Verpöck Island Warbler 4. Bill of the Yellow Butcher Bird 5. Bill of the Green Land of Paradise 6. Bill of the Azure Butcher Bird 7 the Bill of the Smallow nampol Shrike 8. Bill of the Masque Shrike



1 *Ocypterus Albovittatus* Vaill. 2. *Lanius Plumatus* Shaw. 3 *Barita Auaphoresis* Temm.



1. Lanius Pitangua Gmel. 2. Bethylus picatus Vail. 3. Lanius Cayanus. Gmel.



1. *Gymnocephalus Capucinus*. Lef's. 2. *Ampelis cotinga*. L. 3. *Muscicapa paridisi*. Gm.
(The Fly-catcher.)



1 *Pardalotus cristatus*, Vieill. (The ornamented Pardalote) 2. Bill of the *Lanius tyrannus*, (The Tyrant) 3. Bill of the *Muscipeta coronata*, (The Crested Muscipeta) 4. *Muscipeta miniata*, Tem. (The small Fly catcher) 5. Bill of the *Gymnocephalus calvus*, Gm. (The Bald Tyrant) 6. Bill of the *Platyrhynchus camerunus*, Tem. (The Broad-billed Fly catcher) 7. *Cephalopterus ornatus*, Geoff. S. Ill. (The ornamented Cephalopterus)



1. Myiophaga ...
 2. ...
 3. ...

PLATE 8



Struthio camelus (Ostrich of the Eastern Continent.)

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1. *Ampelis carniſex.* (The Butcher Chatterer) 2. Head of the *Procinus averano* The varicoated Chatterer.
 3. *Bonalyra cedrorum.* (The Chatterer of the Cedars) 4. *Gymnoderes nubicollis* The bare-necked Chatterer
 5. Spiny rump feather & Bill of *Coccyzus americanus* (The American Crows) 6. Bill of the *Tersina hirundinacea*
 (The Swallow Crown-bird)



1. *Tanagra mexicana*. Gm. 2. *Ampelis garrulus*. L. / *The Bohemian Chatterer*. / 3. *Tardus palmarum*. Gm.



1. *Tanagra magna* L. The Grosbeak ... 2. *Turdus ...* 3. *Turdus ...*

Printed and Sold by ...



1 Oriolus galbula L. The Yellow Oriole. 2 Grallina

3 Merops



1. *Euphonia corydon* Temm. 2. *Pipra parvula* Ent. The Manakin. 3. *Emberiza citrinella* Linn. The Yellow Bunting.





1. *Fringilla carduelis* Linn./ The Common Goldfinch./ 2. *Rupicola viridis* Temm./ The Green Cuck of the Rock./ 3. *Fringilla montifringilla* Linn./ The Mountain Finch.



1. *Ficedula siatis*. (The American Stone-chat) 2. *Curruca subalpina*. (The Curruca of the lesser Alps) 3. *Regulus ignicapillus*. A. Bill of the *Accentor alpinus*. Bechst. (The Accentor of the Alps) 5. Bill of the *Saxicola rubicola*. Luv. (The Mill-clapper)



1. *Alauda apiata*. Vieill. (The Bateleuse) 2. *Parus biarmicus*. (The Bearded Titmouse) 3. Head of the *Parus caruleus*. (The Blue Titmouse) 4. *Pyrgita ciris*. (The Lark Hunting) 5. Bill of the *Remiz*. (The Pendulous Titmouse) 6. Bill of the *Alauda calaudra*. (The Calandre Lark) 7. Bill of the *Emberiza ciris*. (The Girl Bunting) 8. Bill of the *Tisserin jaune*. (The Yellow Weaver) 9. Bill of the *Fringilla montifringilla*. (The Mountain Finch) 10. Bill of the *Linaria cannabina*. (The Linnet)



1. *Nidua longicauda*. Gmel. / The long-tailed Widow } 2. Bill of the Common Gros-beak } 3. Bill of the *Ptylus canadensis*. / The Canadian Grosbeak } 4. *Pyrrola vulgaris*. Briss. / The Common Bullfinch } 5. Bill of the *Loxia curvirostra*. Lin. / The Cross-bill } 6. Bill of the *Corythus enucleator*. } 7. *Colinus leucocotus*. Lath. / The Coley } 8. Bill of the *Buphagn africana*. / The Beef-eater }



1. *Eulabes javanus*. Vieill. / The Javanese Grackle. 2. *Corvus* sp. 3. *Pyrrhocorax alpinus*. 'The Alpine Crow'. A. Br.



1. *Anabates superciliaris*. (The Thrush billed Nuthatch) 2. *Synallaxis tessellata*. (The Tessellated Nuthatch)
 3. *Sitta castanea*. Col. du Mus. (The European Nuthatch) 4. Bill of the *Xenops rutilus*. (The Shining Nuthatch)



1. *Oriolus coudouanensis*. Vieill. / *The Coudouanensis of India.*
2. *Menura lyra*. Vieill. / *The Lyra Bird or Superb Manura.*



1. *Motacilla alba* (The Wheat-ear). 2. *Motacilla luscinioides* (The Nightingale). 3. *Sylvia subalpina* Bonelli.



1. *Dicaeum erythronotus*. Vieill. (The Scarlet backed Creeper) 2. *Melithreptus vestitus*. The Scarlet Feathered Creeper 3. *Cinnyris solaris*. Tem. (The Sun Creeper) A Bill of the *Arachnothera longirostris* Tem. (The long billed Creeper)



1. *Corvus leucophorus*. Temm. / The Northern Raven. / 2. *Corvus caryocates*. Lin. / The Common Nutcracker. / 3. *Corvus glandarius*. Lin. / The Jay of Europe



1. *Picus claysons*. (The crested Jay) 2. *Garrulus cristatus*. (The Blue Jay of Catesby) 3. *Turdus varians*. (The variable Pie) 4. *Corvus splendens*. (Bill of the splendid Jay) 5. *Caryocatactes vulgari*. (Bill of the Common Nuthacker) 6. *Glaucopsis cinerea*. (The Ash-coloured Glaucopsis)



1. *Paradisaea apoda*. (Great Bird of Paradise). also called the Emerald Bird of Paradise

2. *Paradisaea aurea*. (Golden-breasted Bird of Paradise)



1. *Rupicola vulgaris*. (The Common Cuckoo of the Rock) 2. *Pipra erythrocephala*. (The Yellow headed Manakin)
 3. *Erythrornis macrorhynchus*. (Linnaeus' Todus)



1. *Cypselus murarius*. Temm. The Martinet. / 2. *Caprimulgus europaeus*. / The European Goatsucker. / 3. *Hirundo urbica*. Lin. / The Swallow.



1. *Merops amictus*, Tem. The Green Heron
2. *Prionites brasiliensis*, Illig. The Brazilian Sawbill



1. *Coracias bannalensis*. Gmel. (The Bannal Roller)
2. *Colaris garrula*. Gmel. (The Garrulous Roller)



1. *Loxia enucleator*. Lin. (The Pine Grosbeak) 2. *Loxia coccythraustes*. Lin. (The common Grosbeak)
3. *Loxia curvirostra*. Lin. (The Grosbill)



1. *Certhia familiaris* L. (The Common Creeper) 2. *Dendrocolaptes falcirostris* (The Hook-billed Woodpecker)
 3. Bill of the *Dendrocolaptes nasican* Vieill. (The Nasican Woodpecker) 4. Bill of the *Dendrocolaptes procerus* Tem. (The Red-billed Woodpecker) 5. Bill of the *Tichodroma muraria* L. (The Wall Creeper) 6. *Nectarinia borbonica* (The Guitquit)



1. *Upupa superba*, Lath. / *The Splendid Puet* 1. 2. *Dendrocolaptes communis*, Gm. / *The Woodpecker*
3. *Dendrocolaptes procurrus*, Temm



1. *Certhia cyana*. Vieill. 2. *Certhia muraria*. Lin. / The Wall Creeper
3. *Certhia flaveola*. Gm.

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1. *Sturnus vulgaris* L. The Common Starling. 2. *Colaris Madagascariensis* The Madagascar Roller
3. *Oriolus Cristatus* Emel. The Cassique



1. *Oriolus Jacamaccii* Gmel. 2. *Molocilla Cayana* Gmel. The Pipit. 3. *Cinnyris Senegalensis*

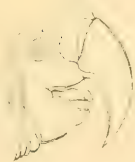


1. *Xanthornis prunacii*, Gmelin. 2. *Oxyrhynchus flammiceps*. 3. *Sturnus ruber*, Gmelin
 4. Bill of the *Cassicus hornorhous*. 5. Bill of the *Icterus niger*. (The Black Icterus
 6. Bill of the *Dacnis cayana*. (The Cayenne *Dacnis*)



1. *Upupa minor* Vieill. (The Lefs or African Hoopoe) 2. *Promerops caffer* End. (The New Guinea Hoopoe)
 3. *Epimachus magnificus*. (The Splendid Epimachus)

1 1



1603



1604



1. *Microglossus aterrimus*. Geoff. [The Black-horned Paroquet]

2. *Pezoporus formosus*. Vaill. [The Beautiful nimble Paroquet]



1. *Musophaea gigantea*, Vieill. (The Gigantic Touraco, or Violet-coloured Plantain eater)

2. *Corythaix Paulina*, Temm. (The Touraco of Pauline)



1. *Alcedo cristata*. (The Crested King-fisher)
 2. *Ceix tribrachys*. Sh. (The three-toed King-fisher)



1. Troglodytes longirostris. (The European Wren) 2. Bill of Troglodytes communis. (The Common Wren)
 3. Motacilla lugubris. (The lugubrious Wagtail) 4. Foot of Budytes flava. (The Yellow Wagtail) 5. Anthus
 arboreus. (The Tree Pipit)



1. *Motacilla regulus*. Lin. (The Reizlet) 2. *Motacilla alpina*. Gm. (The Alpine Fanvette)
3. *Anthus pratensis*. Bechst
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1. *Trochilus granatinus* (the garnet throated Humming Bird) 2. *T. brasiliensis* (the Brazilian Humming Bird)
 3. *Orthorhynchus* (the straight billed Humming Bird)
 f. *Ortho. Magnificus* (the gigantic Humming Bird)

London, G. Henderson, 2 Old Bailey



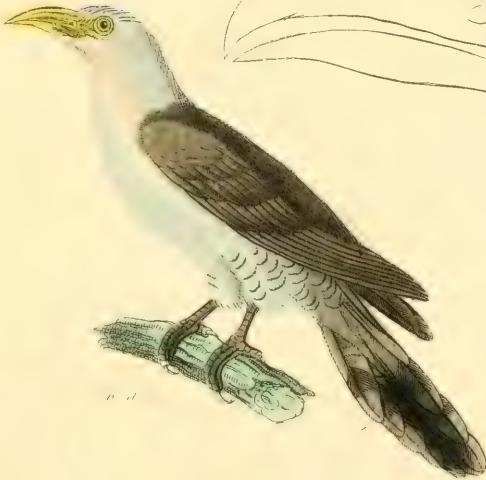
1. *Leptosomus viridis*, Vaill. 2. *Indicator variegatus*, Lessou. (The Variegated Indicator)
 3. *Mouasa leucops*, Illiger



1. *Todys viridis* (The Tody) 2 *Buceros hydrocorax* Gmel. The Horn bill of Sumatra



1. *Galbula albirostris*, Vaucl. 2. Bill of the Jacamaraleyon 3. *Picus lherminieri*, Lesson. (The Woodpecker of Lesson) 4. Foot of the *Picus tridactylus*. (The Picoid Woodpecker) 5. *Yumx torquilla*, Lin. The Common Wryneck



1. *Malcoha superciliosa* (Cuvier) in *Malcoha*
2. *Scythrops australasia* (Thomson) in *Scythrops*



3



1. *Hirundo collaris*. The Collared Swallow / 2. *Troglodytes Martinus*. The Martin / 3. Head and Toes of the Goat-sucker / 4. *Podargus ewieri*. The Goat-sucker of Cuvier



1. *Bucco Duvaucelii*. Less 'Duvaucelii's Barbet' 2. Bill of the *Voconias major* sub *caerulea* Leach
 The Great Eggon 3. *Bucco parvus*. (Barbion Vaill.) The Barbion 4. *Tamaritis collaris* The
 Banded Tamaritis



1. *Jacamerops grandis*. *Will.* / The Grand Jacamar 2. *Galbula ruficauda*. *ach. will.* / Red-tail Jacamar / 3. *Todus platyrhynchus*. *Gm.*



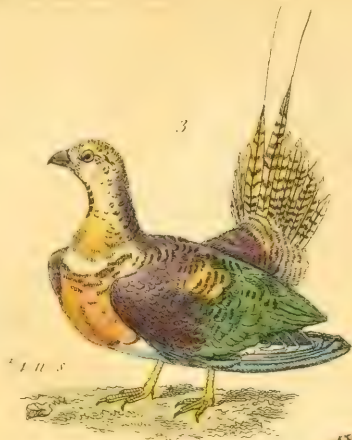
1 Trogon pyronius Tem. (The Trogon of Surinam) 2 Bill of the Trogon Dives
 3 Ramphastos major (The Great or Billed Toucan) 4 Bill of the Crotophaga
 The Greater An.



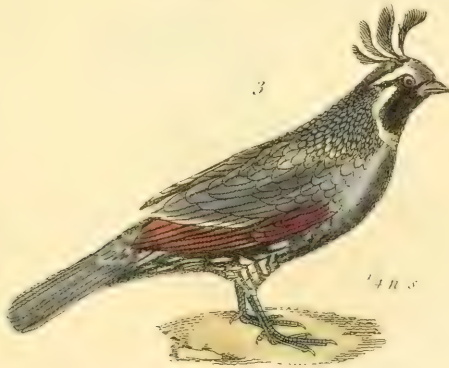
1. *Ramphastos aracari*, Gm. 2. *Ramphastos toco*, Vaillants, *Birds of Paradise*, Pl. 2. 3. *Crotophaga ani*, Gm.



1. *Ara aracanga*, Gmel. (The Guiana Scarlet Macaw)
2. *Cacatoes galeritus*, White. (The Crested Cockatoo)



1. *Tetrao umbellus*. Gmel. [The ruffed heath cock] 2. *Tetrao lagopus*. L. [The Ptarmigan. White Grouse, or Partridge of the Pyrenees] 3. *Pterocles arenarius*. Pall. [The Partridge of Arragon]

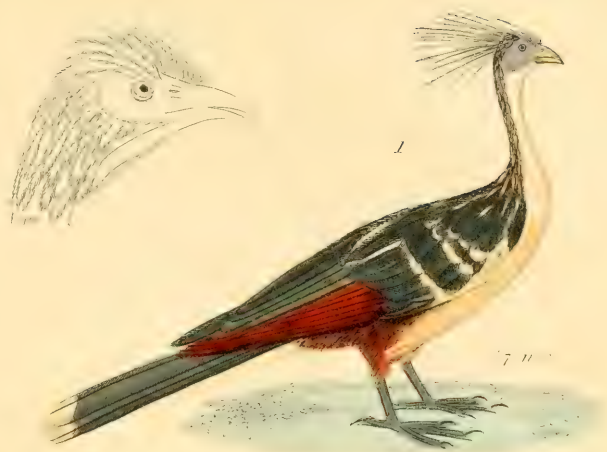


1. *Francolinus oculus*. Tem. (The All-eyed Francolin) 2. *Perdix petrosa*. Gmel. (The Rock Partridge)

3. *Colinus californicus*. Sh. (The Californian Colin)



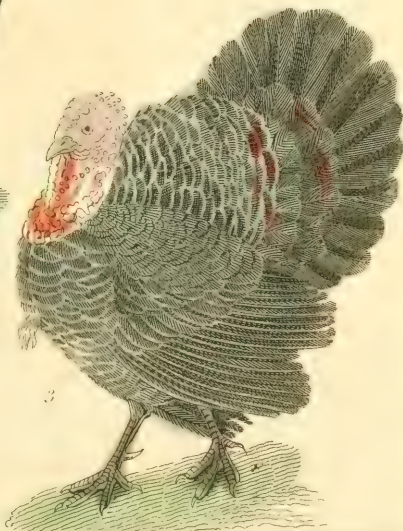
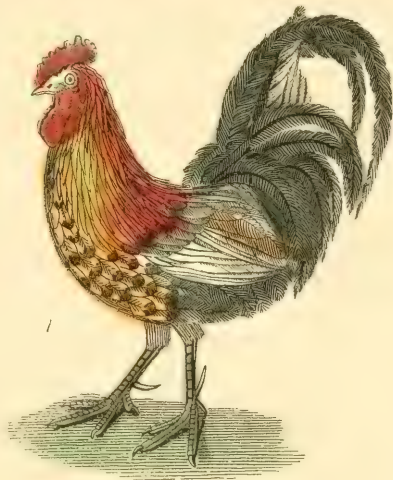
1. *Tetrao rufus*. L. The Red Partridge. 2. *Perdix*. L. The Quail. 3. *Francolinus*. L. The Francolin.



1. *Opisthocomus cristatus* L. (The Hoazin) 2. *Crax rubra* L. (The Red Hocco) 3. Head of the *Penelope guan* Edw. (The Guan) 4. Head of the *Oryzopsis paraguana* L. (The Parraqua) 5. Head of the *Tourax pauci* L. (The Stone Bird)



1. *Cuculus persa.* Lin. The *Touraco!* 2. *Cyx alcyon.* Lin. The *Hoopoe*.
3. *Musophaea violacea.* Wall. The *Phainopepla*.



1. *Phasianus gallus*. L. / The Domestic Cock / 2. *Numida meleagris*. L. / The Common Guinea Hen / 3. *Meleagris gallopavo*. L. / The Common Turkey



1. *Numida ptilorhynchos*, Licht. (The Crested-billed-Guinea Hen.)

2. *Meleagris ocellata*. (The Golden Green-necked Turkey.)



1. *Tinamus braziliensis* L. / The Brazilian Tinamou / 2. *Phasianus pictus* L. / The Golden Pheasant / 3. *Hemipodius nigrifrons* Temm





1. *Pavo cristatus*
2. *Lophophorus*

London. Gellenderson. 2. Old B.



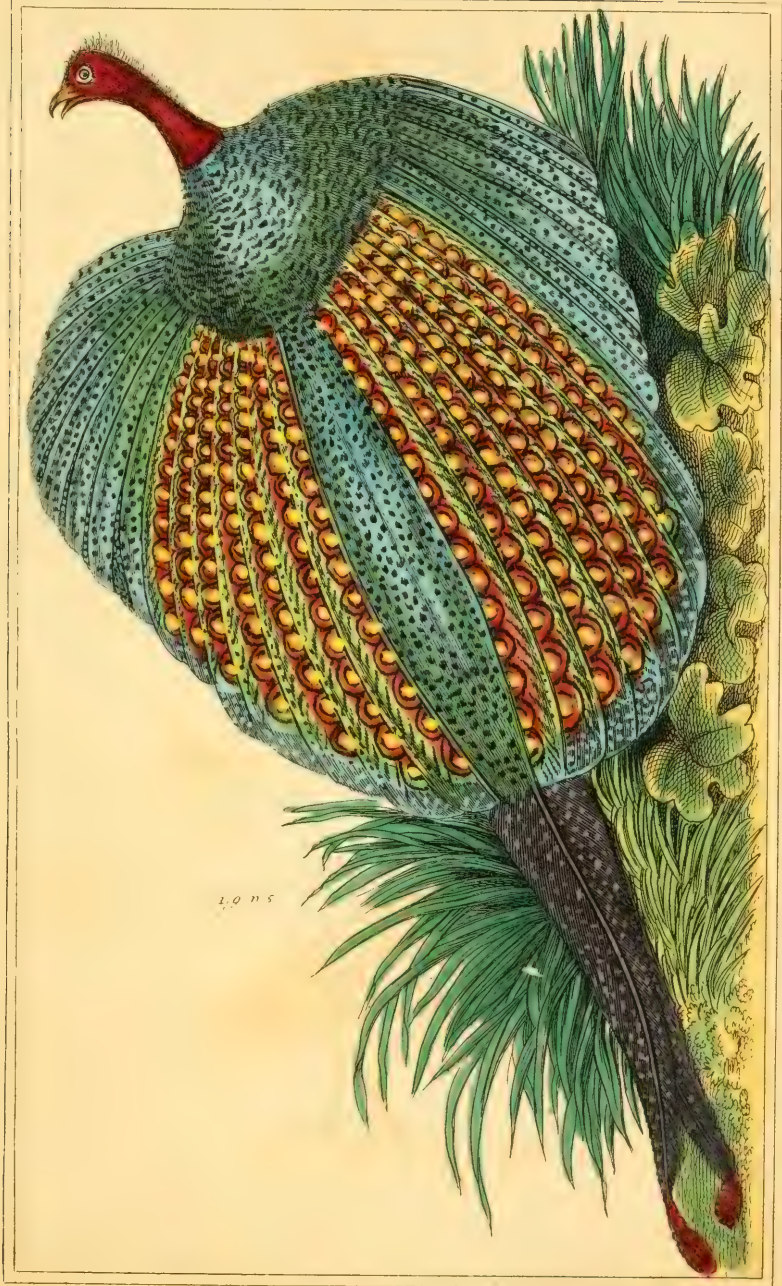
1. *Megapodius Duperreyi*. Less
2. *Lophophorus rufifolgens*. Temm



1. *Cryptonyx coronatus*. Tem. (The Sumatra Pheasant Bird) 2. *Houppifer Diardi*. Gal. du Mus. (Diardis' Pheasant) 3. Head of the *Houppifer ignitus*. Sch. (The Sunda Pheasant) 4. *Tragopan ca tyrus*. Gm. (The Horned Pheasant of Nepal)



1. *Coturnix chinensis* Lin. (The Chinese Grouse) 2. *Ortygis pugnax* Tem. (The Fighting Grouse of Java)
 3. *Tinamus rufescens* Tem. (The Rufescent Tinamou) 4. Bill of the *Tinamus brasiliensis* Lin. (The Brazilian Tinamou)

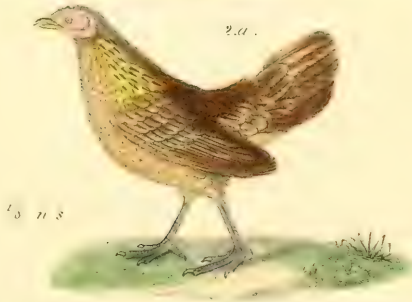


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Phasianus Argus, (The Argus Pheasant)

London G Henderson 2 Old Bailey





1. *Phasianus torquatus* (the collared Pheasant)
2. *Gallus bairdiana* Tem (the wild Cock of Java)
2.a. The wild Hen of Java
London. G. Henderson & Old Bailey.



1 *Tanagra cyanocephala* (The Blue headed Tanager) 4 Bill of the *Tanagra speculifera* (Crested Tanager)
 2 Bill of the *Tanagra cavaniensis* (Hullinck Tanager) 5 Bill of the *Tanagra nigerrima* (Cardinal Tanager)
 3 Bill of the *Tanagra Atayana* (Great Grosbeak Tanager) 6 Bill of the *Tanagra brasilia* (Rhamphocitina Tanager)
 7 *Turdus Albigularis* (The White necked Thrush)



1. *Goura coronata*. (The Crowned Pigeon) 2. *Columba porphyrea* Tem. (The Porphyry Pigeon)
3. *Vinago aromatica*. (The Spicy Vinago)



1. *Otis tetrax*. Lin. / *The little Bustard* / 2. *Otiscapus longipes*. Geoff. *St Hill*

3. *Charadrius hiaticula*. Lin. / *The Ring Plover*





1. *Otis ruficollis*. Cuv. (The Great Bustard) 2. Bill of the *Otis tetrax*. L. (The little Bustard) 3. Bill of the *Otis afra*. Lath. (The Houbar) 4. *Edienemus maculosus* Cuv. (The Speckled Thick Knee) 5. Bill of the (*Ed. vulgaris*. Cuv. Lin. (The Common Thick Knee) 6. *Charadrius bilobus*. L. (The bilobate Plover)



1. *Vanellus cayennensis* Tem. (The Cayenne Lap-wing) 2. *Haematopus palliatus* Tem. (The Cloaked Oyster Catcher) 3. *Cursorius coromandelicus* Lath. (The Coremandel Swift-foot) 4. Bill of the Vanman common. (E. *Vanellus* Lin. (The European Lap-wing) 5. Bill of the *Tringa squatarola* Guv. (The Lap-wing Plover)



1. *Canceroma cochlearia* Lin. (The Booby) 2. *Ardea agami* Buff. (The European Crane)



1. *Microdactylus cristatus* Geoff. (The Short Finger) 2. *Psophia crepitans* (The Trumpet)
 3. *Grus carunculata* (The Crowned Crane)



1. *Genia naquari*, Vieill. (The Maguari, or American Stork) 2. Bill of the Jabiru Maguari, *seu galensis* Lath. (The Jabiru)
 3. *Scopus umbretta*, Vieill. (The Umber-coloured Stork)



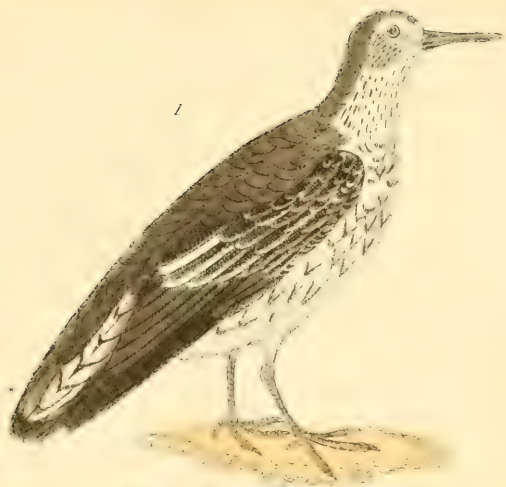
1. *Ardea ciconia*. Lin. / The White Stork / 2. *Nycticorax americana*. Lin. / The American Jabiru / 3. *Ardea major*. Lin. / The common Heron



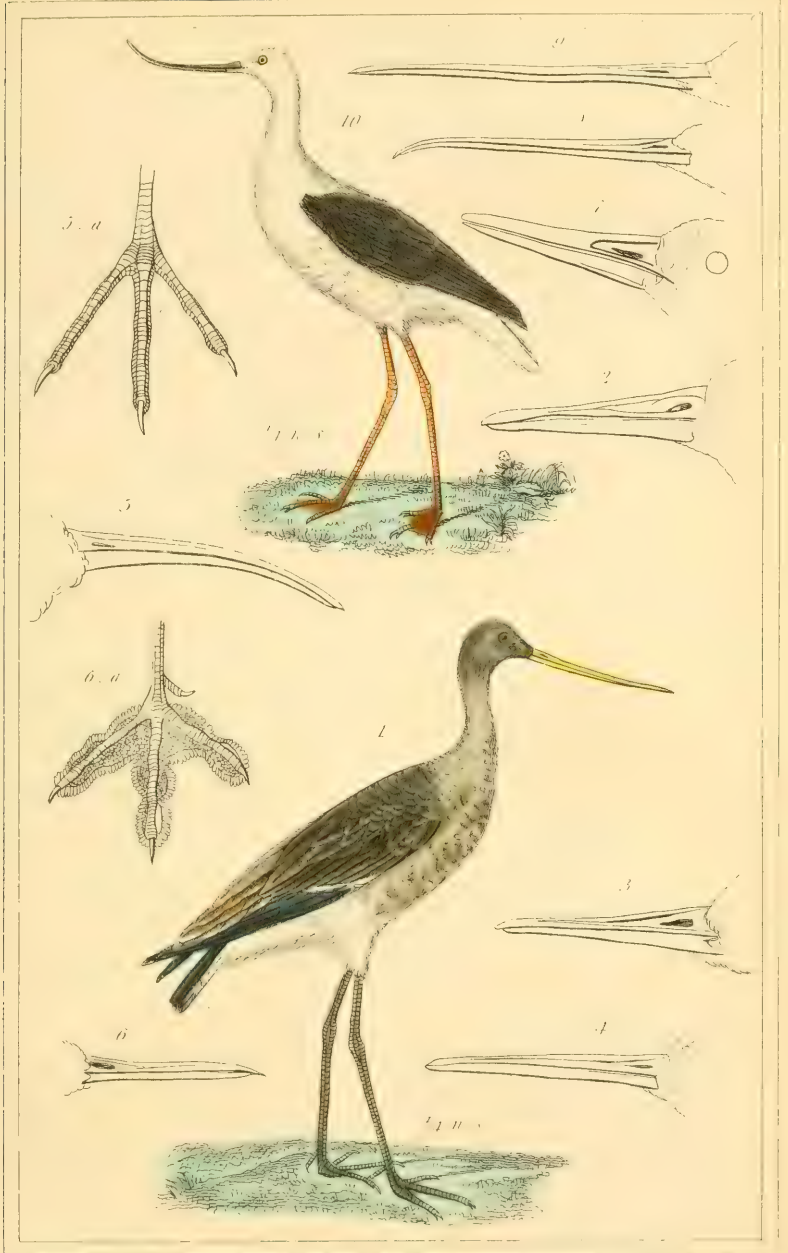
1. *Anastomus lamelliger*. Tem. (The Laminated Open Bill) / 2. *Tantalus ibis*. Lin. (The African Tantalus) / 3. *Platalea aiiaia*. Vieill. (The South American Spoon Bill)



1. *Scolopax gigantea* Tem. (The Gigantic Woodcock) 2. *Blythava hilaria* Val. (The Brazilian Snipe)
3. *Ibis Religiosa*. (The Sacred Ibis)



1. *Tringa islandica*. Gmelin. [The Sand piper] 2. *Tringa pugnax*. Lin. [The Ruff],
3. *Scolopax arcuata*. Lin. [The European Curlew]



1. *Limosa melanura*, Leisler. (The Black-tailed God-wit) 2. Bill of the *Calidris rufa*, Wils. (The Red Sanderling)
 3. Bill of the *Arenaria calidris*, Gm. (The Common Sanderling) 4. Bill of the *Pelidna alpina*, Gm. (The Alpine
 Paldina) 5. Bill of the *Falcinella (Sc pygmaea* L. (The Pigmy Curlew) 6. Bill of the *Phalaropus lobatus*,
 (The Lobated Phalarope) 7. Bill of the *Strepsilas interpres*, L. (The *Strepsilae*) 8. Bill of the *Totanus*
fuscus, L. (The Fuscous Sand-piper) 9. Bill of the *Himantopus nigricollis*, Wils. (The American Long-shanks)
 10. *Recurvirostra orientalis*. (The Oriental Avocet)



1. *Fulica chloropus*. Lin. / *The Water Hen* / 2. *Fulica porphyryrus*. Lin.
3. *Fulica atra*. Gmelin. / *The Coot* /

London, G. Henderson, 2, Old Bailey



1. *Eulameidlea cornuta*. Lin. 2. *Charadrius himantopus*. Lin.

3. *Recurvirostra avocetta*. Lin.



1. *Tringa vanellus*. Lin. The European Lapwing | 2. *Hematopus ostralegus*. Lin. The Oyster Catcher

3. *Cursorius isabellinus*. Meyer.



1. *Parra albivitta* Loid Geoff' *magas de Zoologie* (The Bronzed Jacana) 2. Head of the *Falmeida cornuta* Lin' (The Kamichi or Horned Screamer) 3. *Chama chavaria* Lin' (The Chaita of Paraguay) 4. *Megapodius Duperreyi* Garnot & Lesson (The Taxyon of Duperrey)





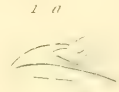
1. *Rallus galarius*. (The European Water Rail) 2 *Porphyrio smaragdus*. Tem. (The Emerald or Sillano Coot)
 3. Bill of the *Rallus aquaticus*. Lin. (The Water Rail) 4. Bill of the *Rallus vrex*. Lin. (The Rail) 5. Bill of the
Rallus porzana. Lin. (The Spotted Rail) 6. Bill & foot of the *Gallinula chloropus*. Lin. (The Water Hen) 7. Bill
 & foot of the *Falica ulra*. Gmel. (The Common Coot) 8. Head of the *Chionis neerophaga*. Vieill. (The Sheath Bill)



1. *Scolopax orepensis*. Gm. 2. *Scolopax helias*. Lath

3. *Phalaropus rufus*. Bechst

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1. *Glaucola laeta* Tem.

2. Phoenix

The ...



1. *Gareola austriaca*, Lul. The European Pintail or Sea Partridge / 2. *Phoenicopterus ruber*, Lul. The Red Flamingo / 3. *Vaginatus chionis*, Lath. The Shrew-bill



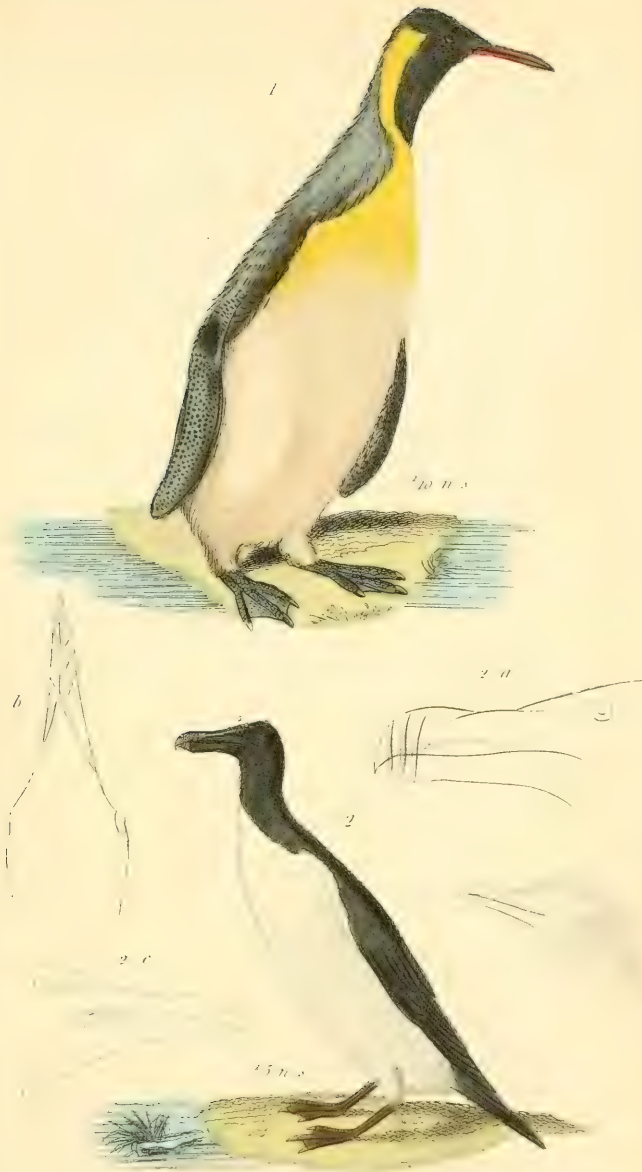
1. Podiceps cornutus Vieill. (The Dusky Grebe) 2. Merganser curinamensis. Gmel. (The Surinam Merganser) 3. Head & Foot of the Colymbus glacialis L. (The Great Northern Diver) 3a. A Bill of the Uria arctica. Vieill. (The Spotted Guillemot or Greenland Dove) 5. Ceptus minor. Gmel. (The Little Guillemot)



1. *Larus marinus*. L. (The Great black backed Gull) 2. *Sterna hirundo*. L. (The Common Tern or Sea Swallow) 3. Bill of the Noddy (*Sterna stolida* L. (The Noddy) 4. Bill of the *Rynchops nigra* L. (The Black Skimmer)



1. *Pelecanus onocrotalus* L. Var. *rufescens* Edw. (The briny or Common Pelican) 2. *Tachypetes* L. (The South Sea Frigate bird) 3. *Carbo bitophus*. The Crested Cormorant



1. *Aptenodytes patagonica*. Gmel. (The Great Penguin) 2. *Alca torda*. Gmel. (The Common Duck)



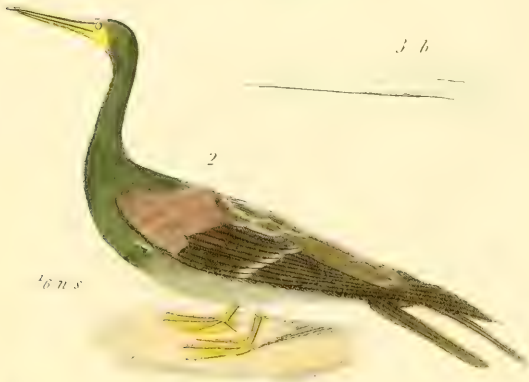
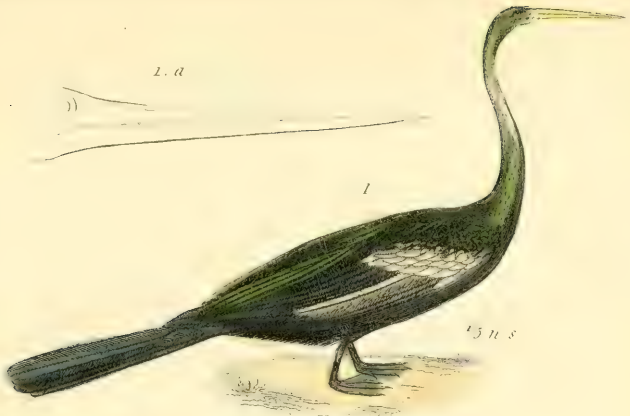
1. *Procellaria pelagica*. Lin. (Mother Carey's Chicken) 2. Bill of the *Proc. glacialis*. Gmel. (The Fulmar)
 3. Bill of the *Puffinus equinoctialis*. Edw. (The Equinoctial Puffin) A. Bill of the *Pachyptila vittata*.
 Forst. (The Lined Petrel) 5. *Diomedea melanophris*. (The Albatross)



1. *Diomedea exulans*. Lin. (The common Albatross) 2. *Procellaria capensis*. (The Cape Petrel or Cape Petrel) 3. *Larus cre. itatus*. Gm. (The Arctic Gull)



1. *Telecanus Bassanus L.* (The Booby Abult) 2. *Anas Atrata Lath.* (the black swan)
 3. *Rhynchops Nigra*



1. *Fulvus leucollenti* Bochst. The Black-bellied Diver. 2. *Fulvus glacialis* Linn. The Common Loon. 3. *Phalaropus lobatus* Linn. The Phalarope.



1. *Cygnus olor*. Gmel. (The Red billed or Domestic Swan) 2. *Anser (Bernacle) erythropus*. Gmel. (The Bernacle Goose) 3. *Anas (Garrot) Albicollis*. Gmel. (The Golden Eye)



1

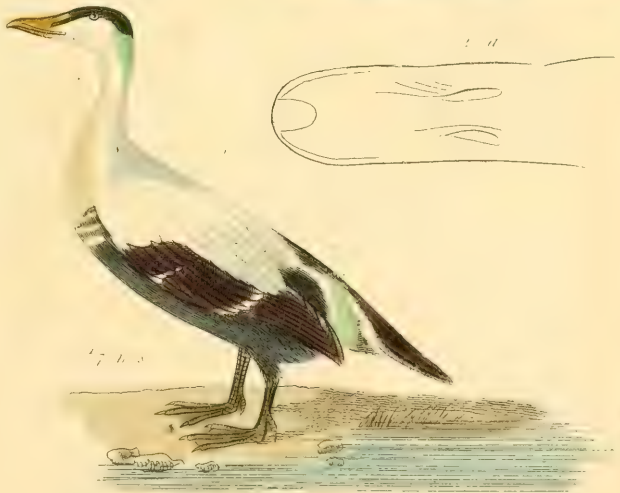
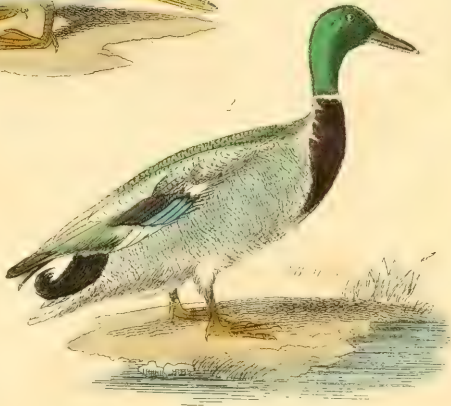
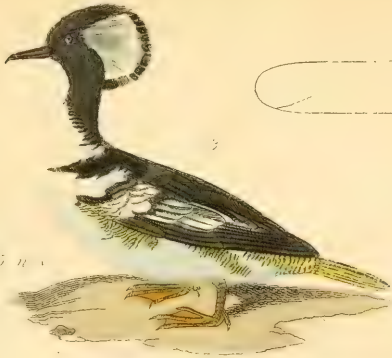


2



3

1 Anser Cinereus Me (The Wild Goose.) 2 Mergus Serrator L. (The Red Breasted Merganser) 3 Anas boschas L. (The Wild Mallard)



1 Eider *anas mollissima* L. (The Eider or St. Cuthbert's Duck) 2 Mallard *anas boschas* L. (The Mallard)
 3 *Mergus cucullatus* Ent. (The Goosander)



1. *Struthio camelus* (The Ostrich)

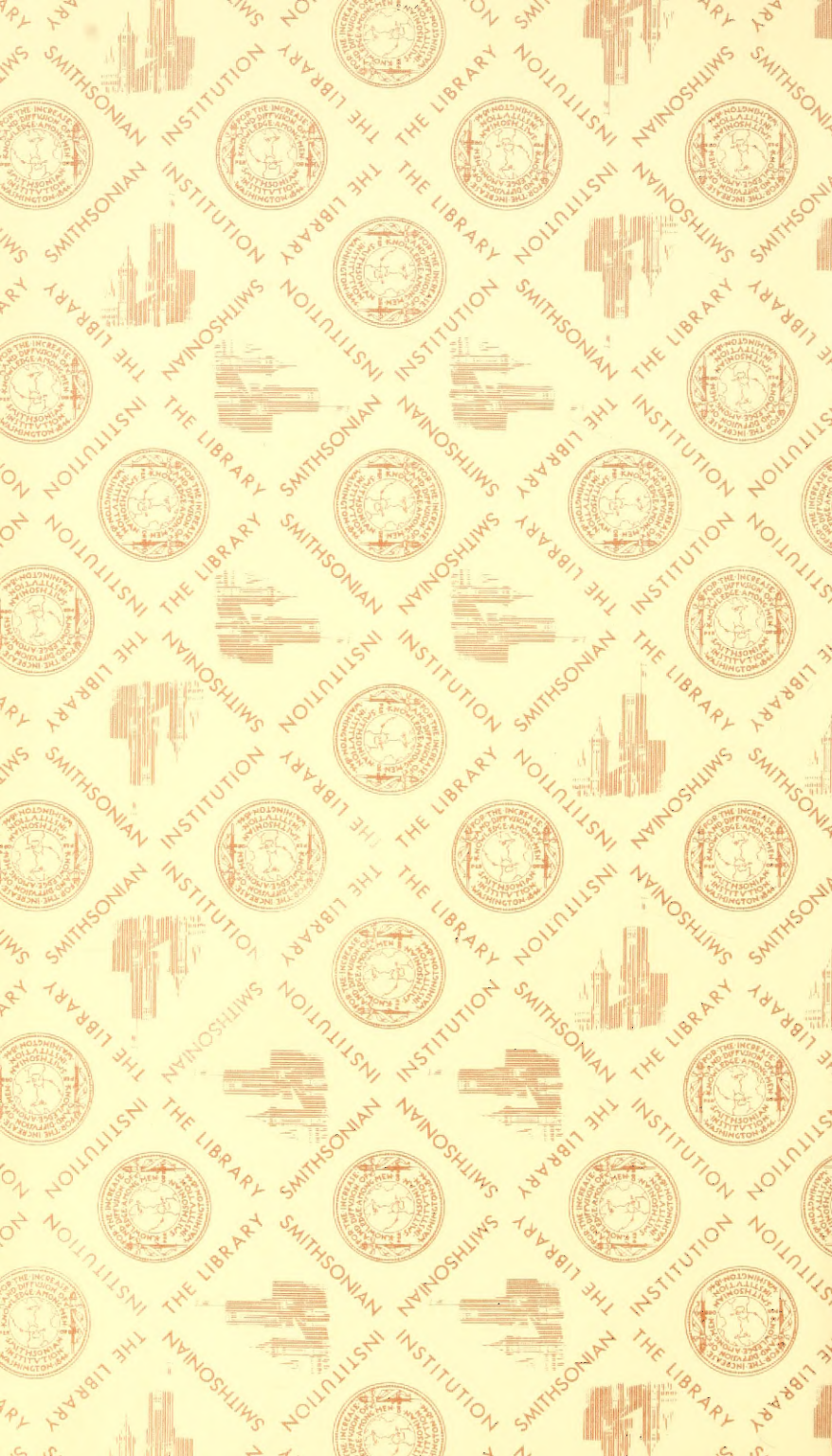
2. *Casuarus oledatus* (The oiledated Cassowary)

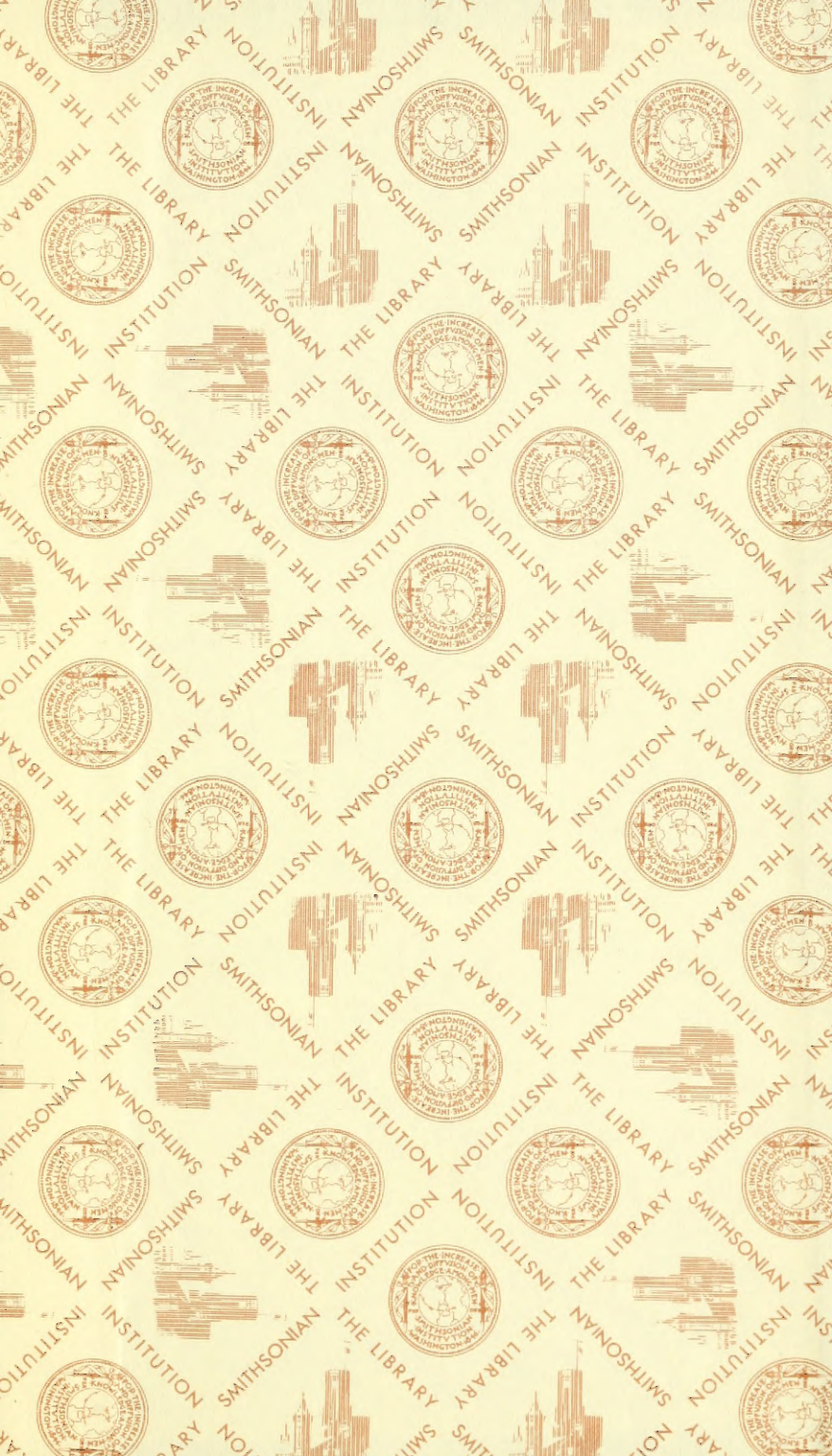


1. Skeleton of the Ibis from a Mummy found at Thebes in Egypt. 2. Figure of the Ibis copied from one of the Temples in Upper Egypt. 3. Bill drawn from the Mummy of an Ibis by Mr. Olivier.



I. Numenius Ibis. / The true Ibis of the Egyptians





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