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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, Petersburgh, Stockholm, Turin, Edinburgh, Copenhagen, Göttingen, Pavia, Modena, the Netherlands, Calcutta, & of the Linnaean Society of London, &c. &c.

WITH FIGURES DESIGNED AFTER NATURE:

the
Crustacei, 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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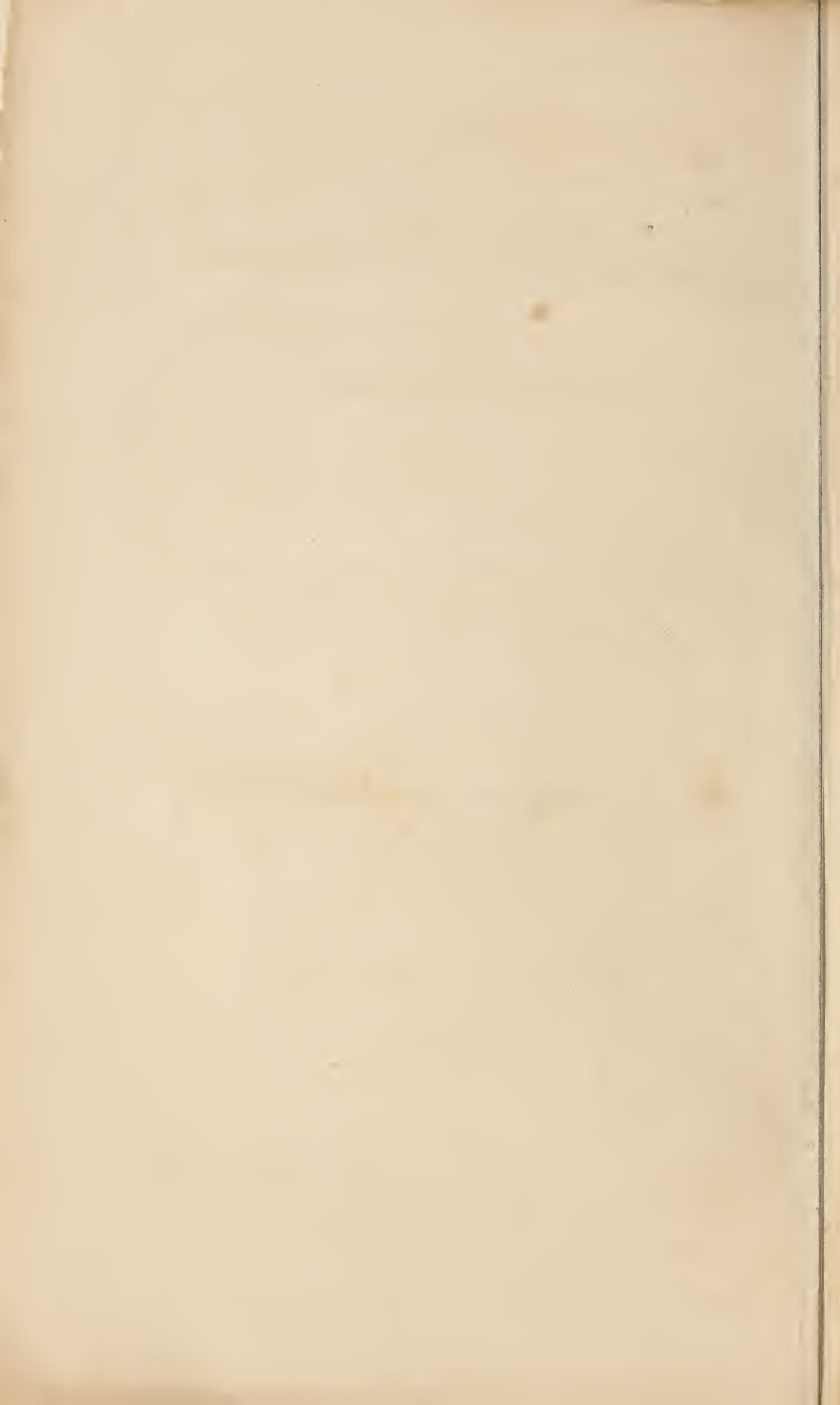


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* This curious species is not noticed by Cuvier, no doubt from its very recent discovery. It has been figured in the Transactions of the American Philosophical Society, and described very fully by Dr. Harlow in the same work. From several peculiarities in structure, this animal approaches very closely to the ourangs, 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 ourang-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 ourang, 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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manifest a reluctance to defend themselves, preferring to retreat into some corner rather than attack their enemy. They walk erect; and, when placed upon a floor or in an open field, balance themselves very prettily, by raising their hands over their head, and slightly bending their arm at the wrist and elbow, and then run tolerably fast, rocking from side to side; and if urged to greater speed, they let fall their hands to the ground, and assist themselves forward, rather jumping than running, still keeping the body, however, nearly erect; if they succeed in making their way to a grove of trees, they then swing with such astonishing rapidity from branch to branch, and from tree to tree, that they are soon lost in the jungle or forest.

“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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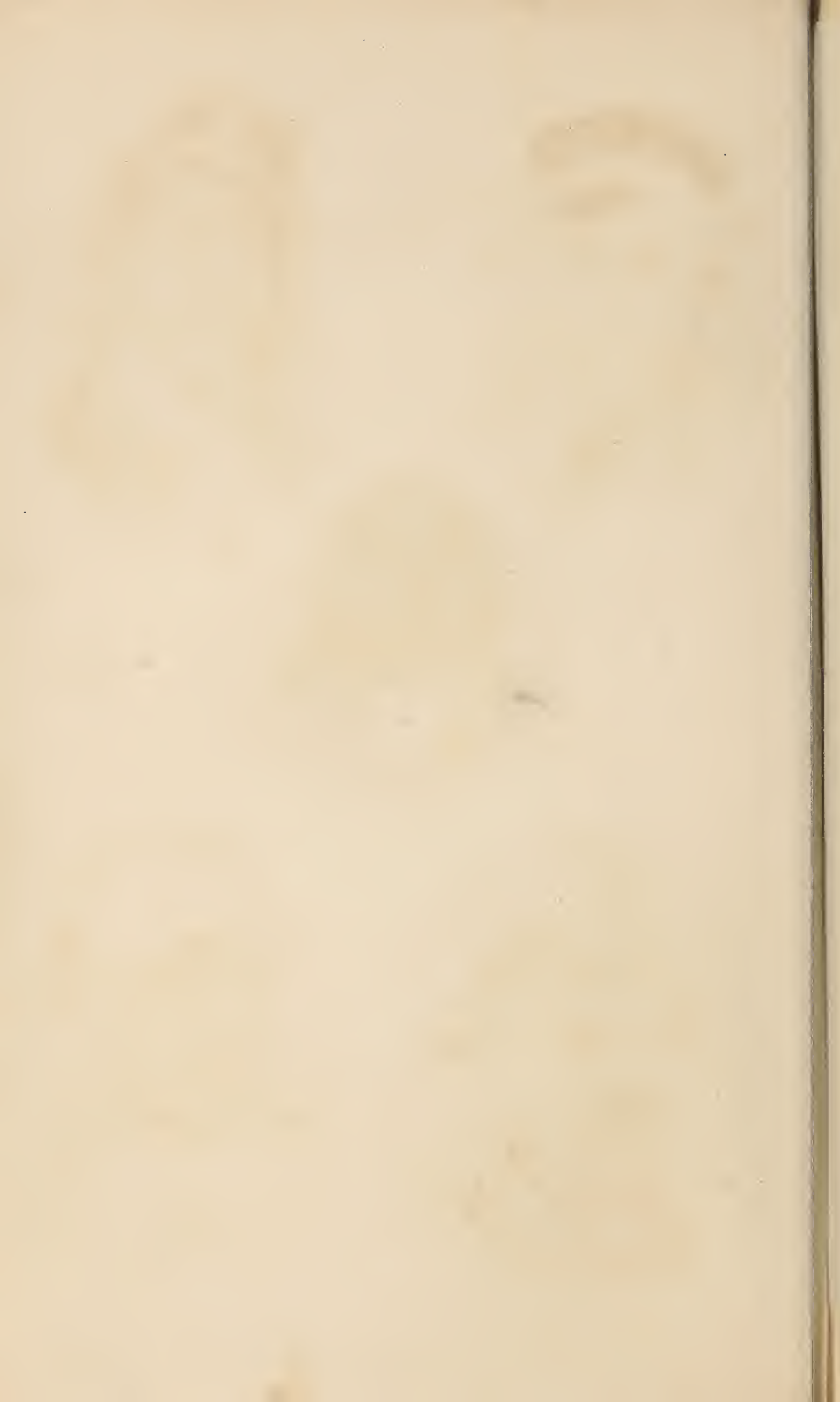


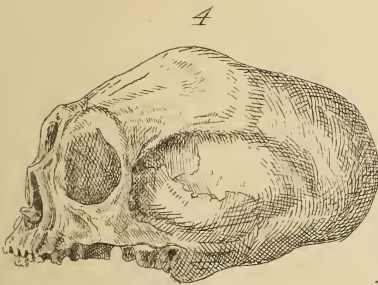
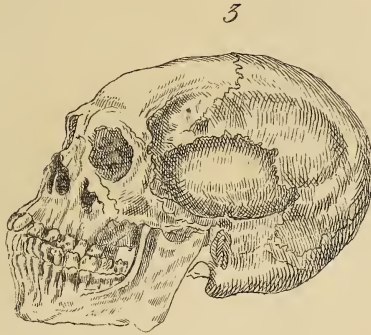
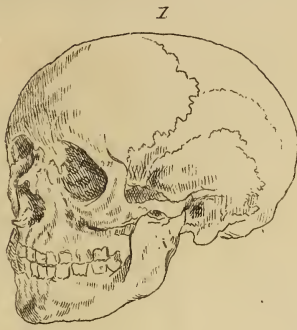
5

4

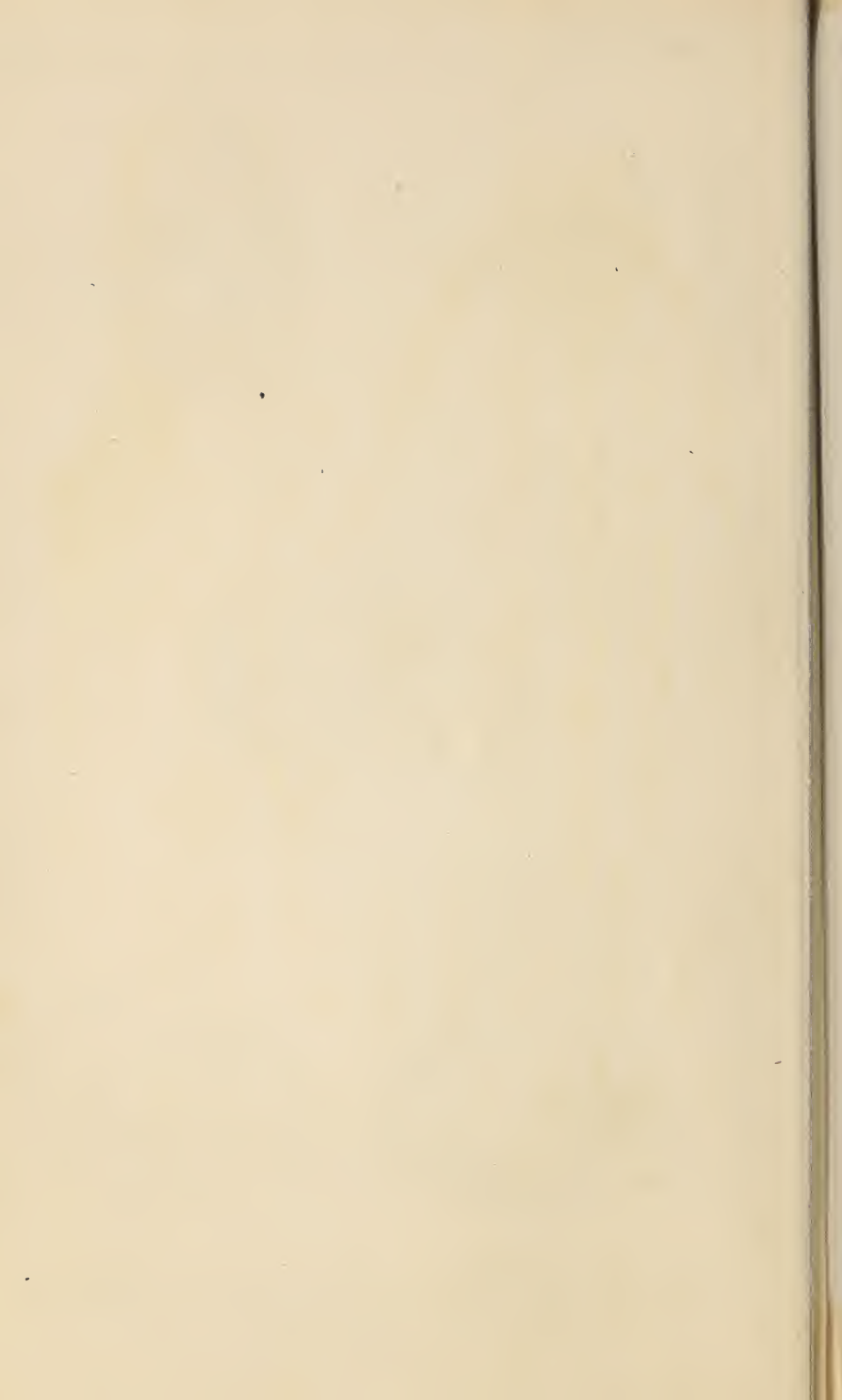


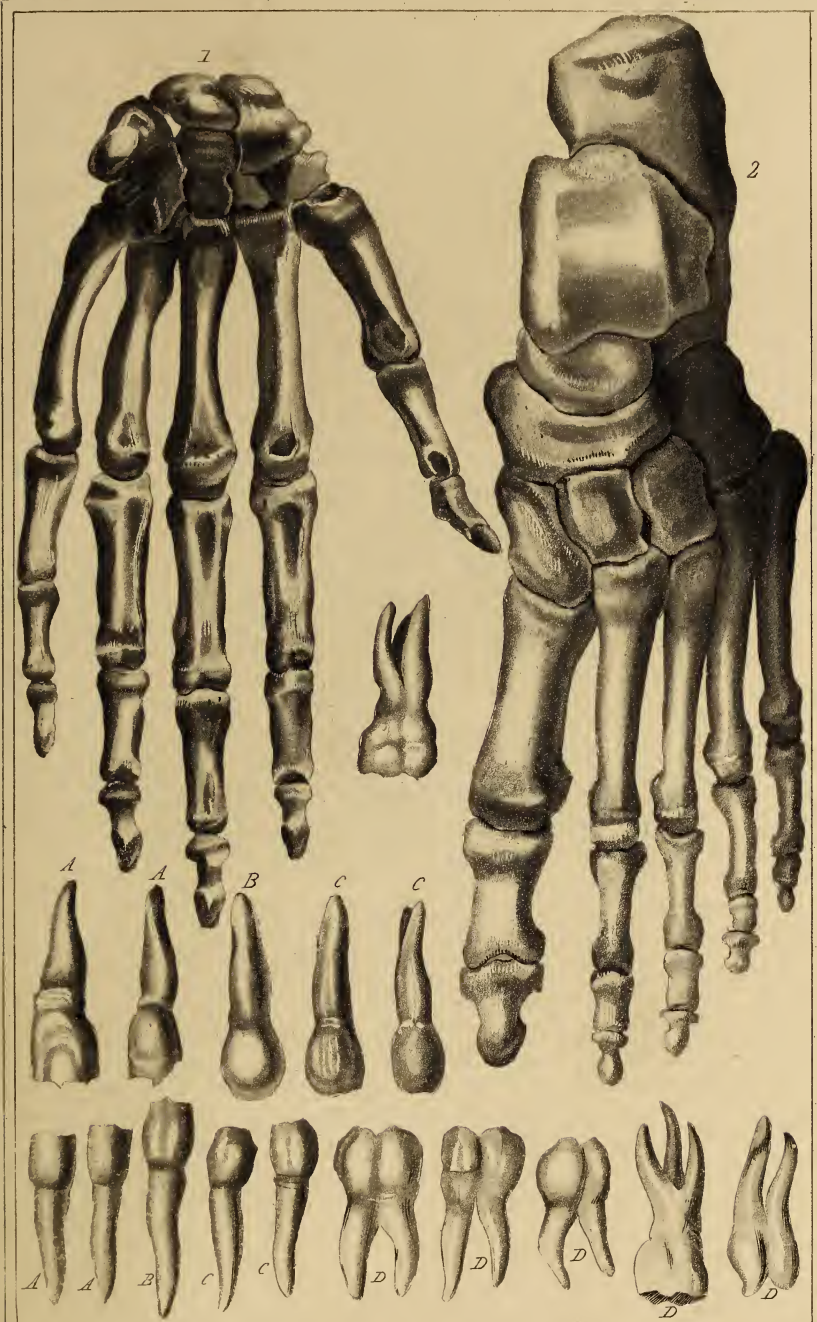
1. Caucasian Variety of the Human Species. 2. Mongolian Do. 3. Ethiopian Do. 4. American Do. 5. Malay Do.





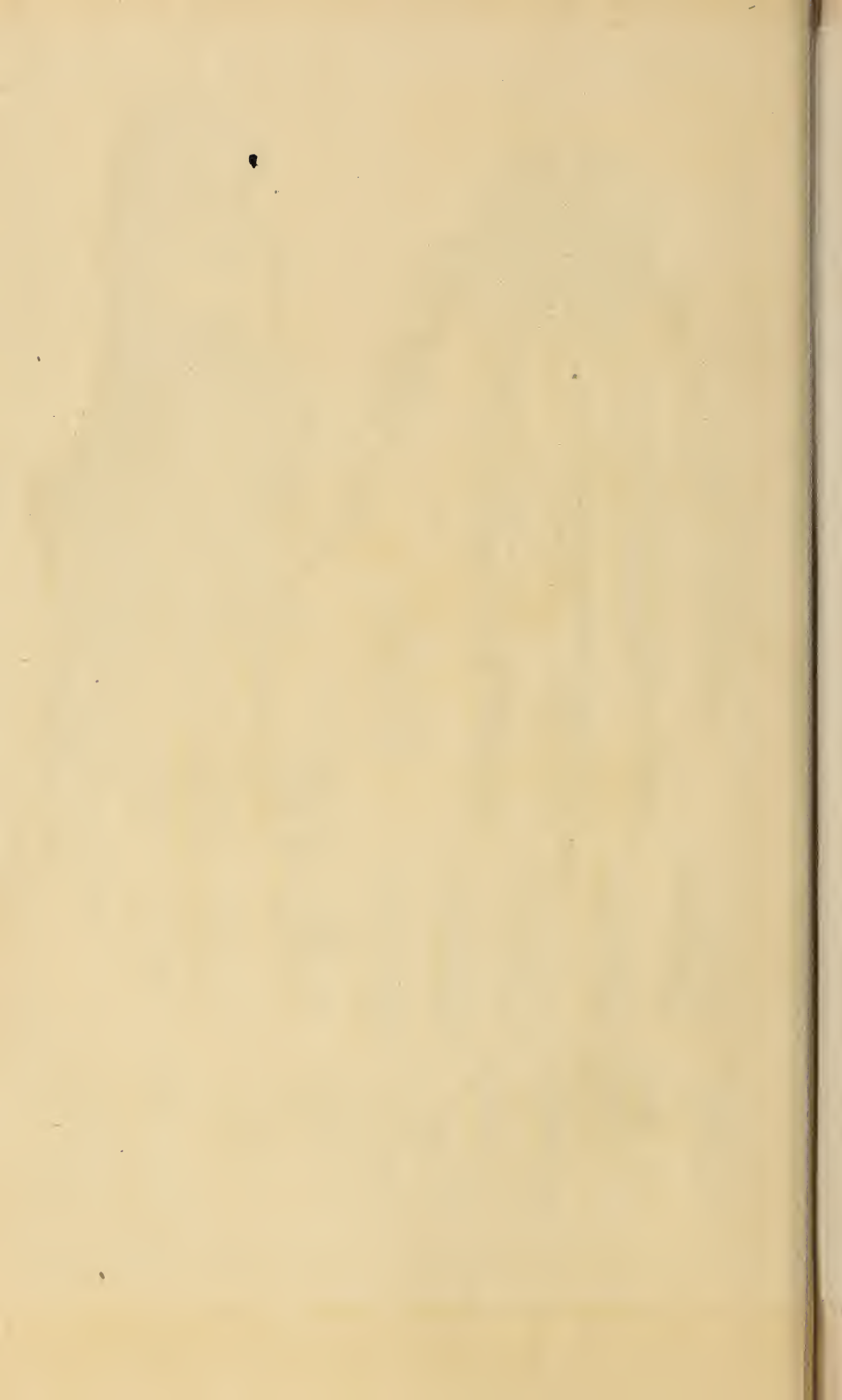
1. Skull of a Georgian female (Caucasian Variety) 2. Skull of a Calmuck (Mongolian Variety) 3. Skull of a Negro (Ethiopian Variety) 4. Skull of a Carib as flattened by pressure in Infancy (American Variety) 5. Skull of a Carib as formed naturally (American Variety)

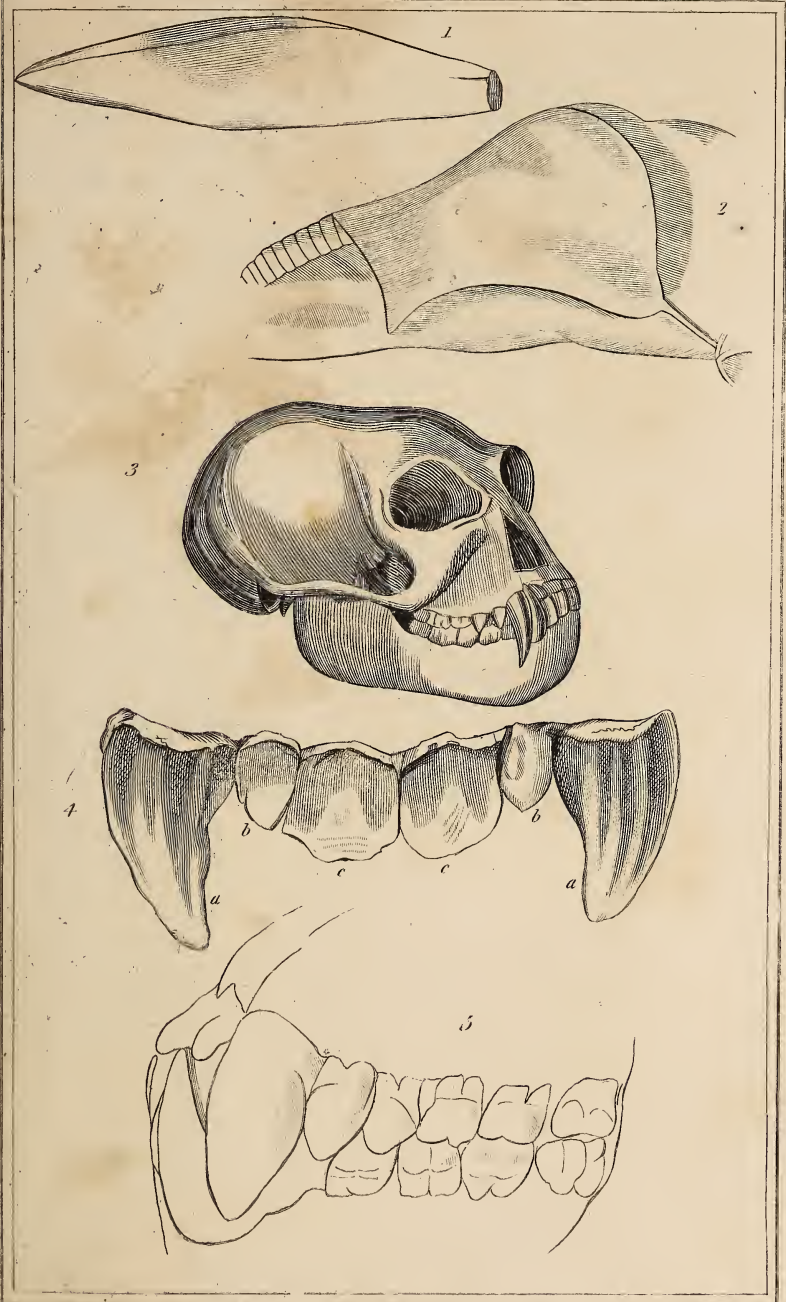




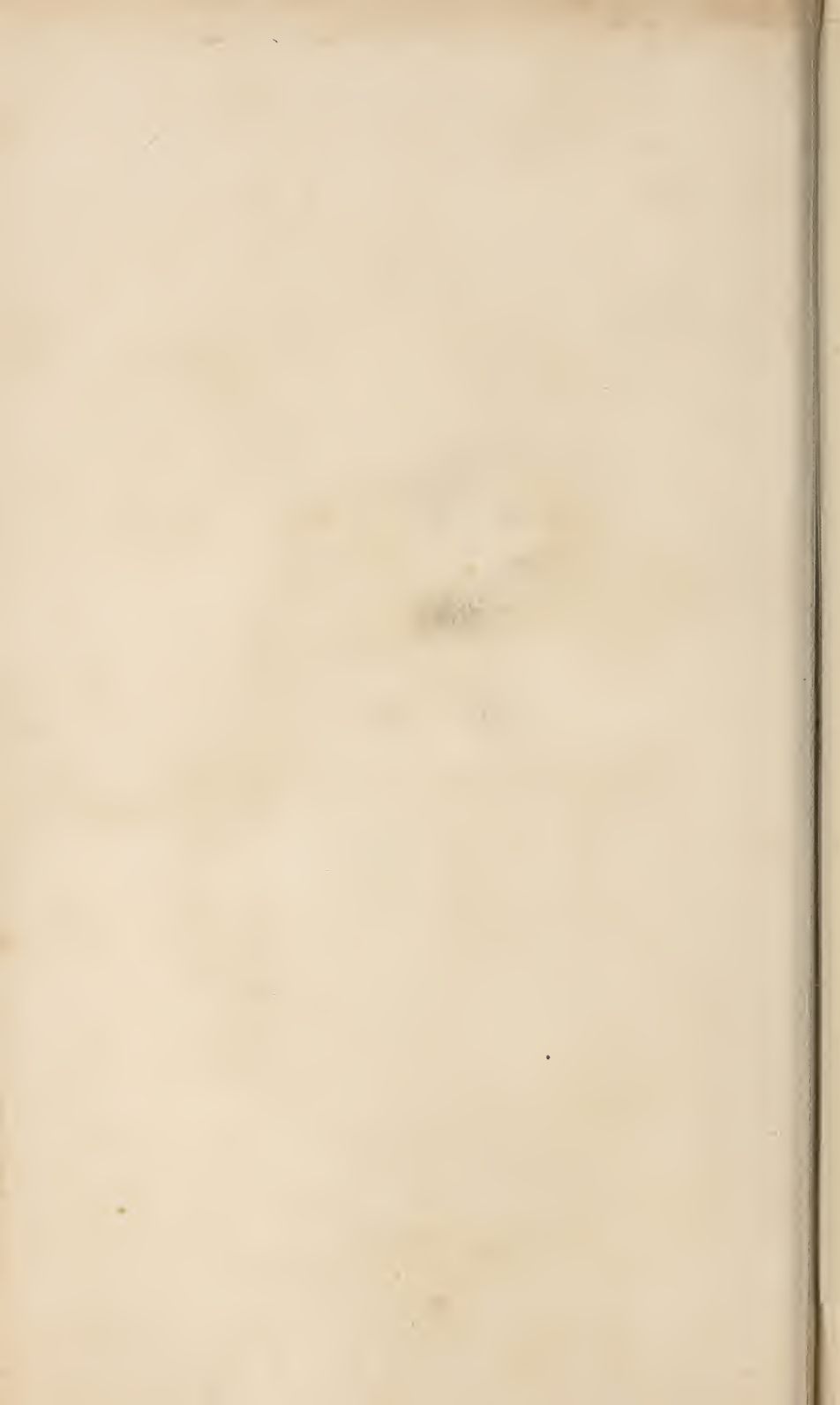
1. The left Hand of a Man with its Twenty seven bones. 2 The left foot of a Man with its 26 bones.
 A.A. the cutting teeth of a Man. B the canine teeth. C the grinding teeth, called the first or bicuspid. D.D. The other grinders or molars.

London G. Henderson. 2. Old Bailey.





1. Canine Tooth of the Asiatic Orang Outang. 2. Hyoid of the Howling Monkey.
 3. Head of the Howlock 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 Pongo.



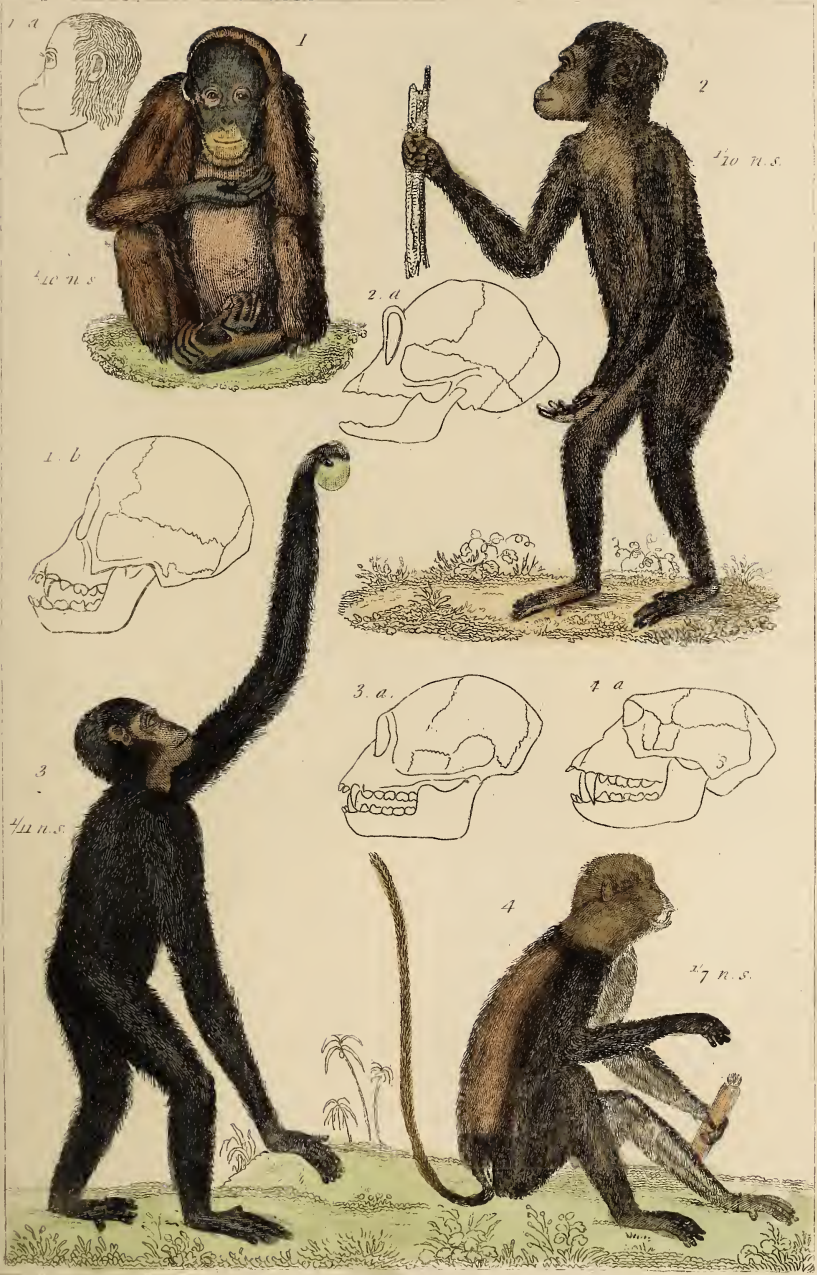
1/3 n.s.



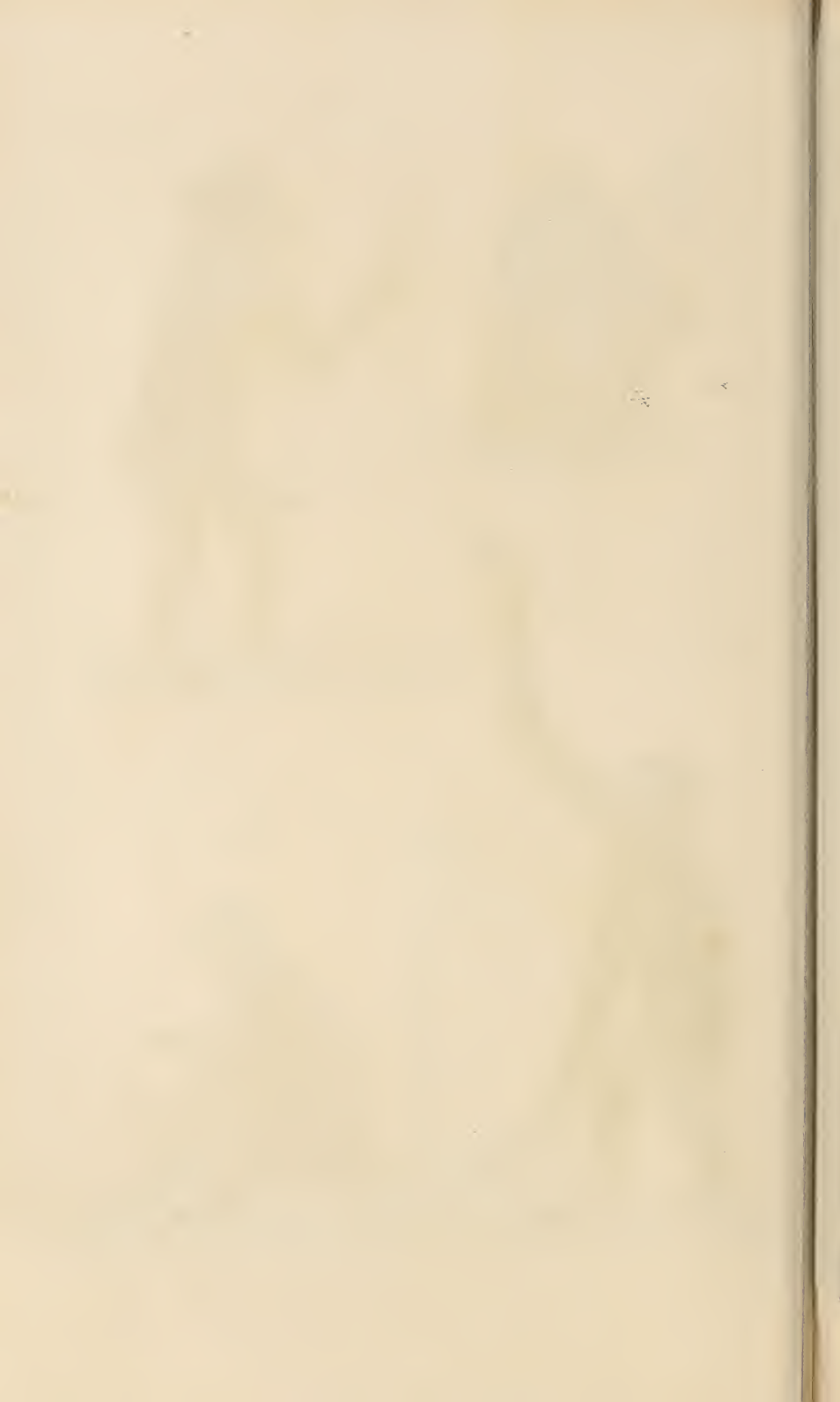
Front View of the
Orang Outang or Piquix of Tyson.

London, G. Henderson 2, Old Bailey





1. *Simia satyrus* [The Orang Outang] 2. *Simia troglodytes* [The Chimpanzee] 3. *Helobates syndactylus* [The Siamese] another View see Mammalia Pl 7. 4. *Cercopithecus rufa* [The Mona]



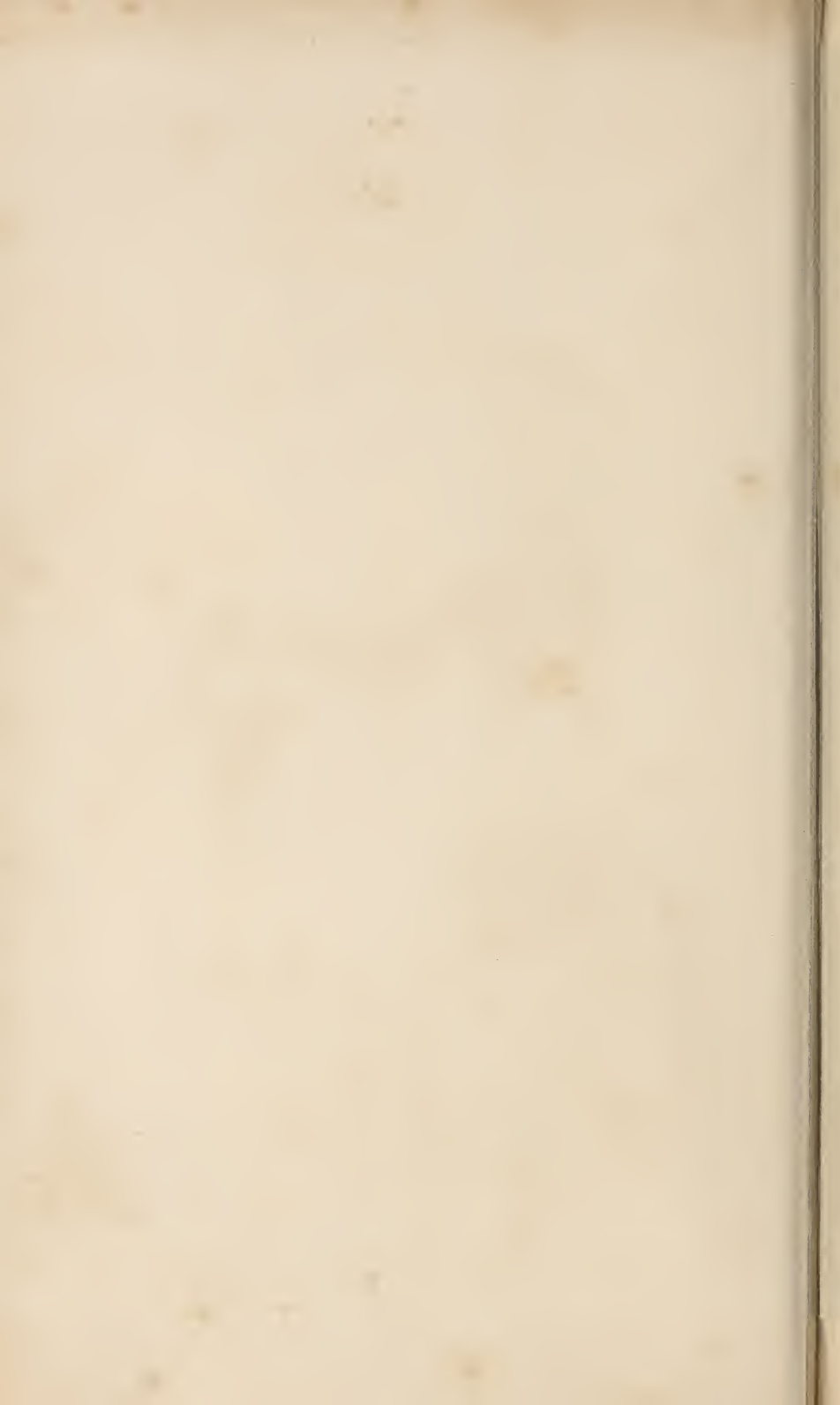


Back View of the
Orang Outang or Pigmy of Tyson.



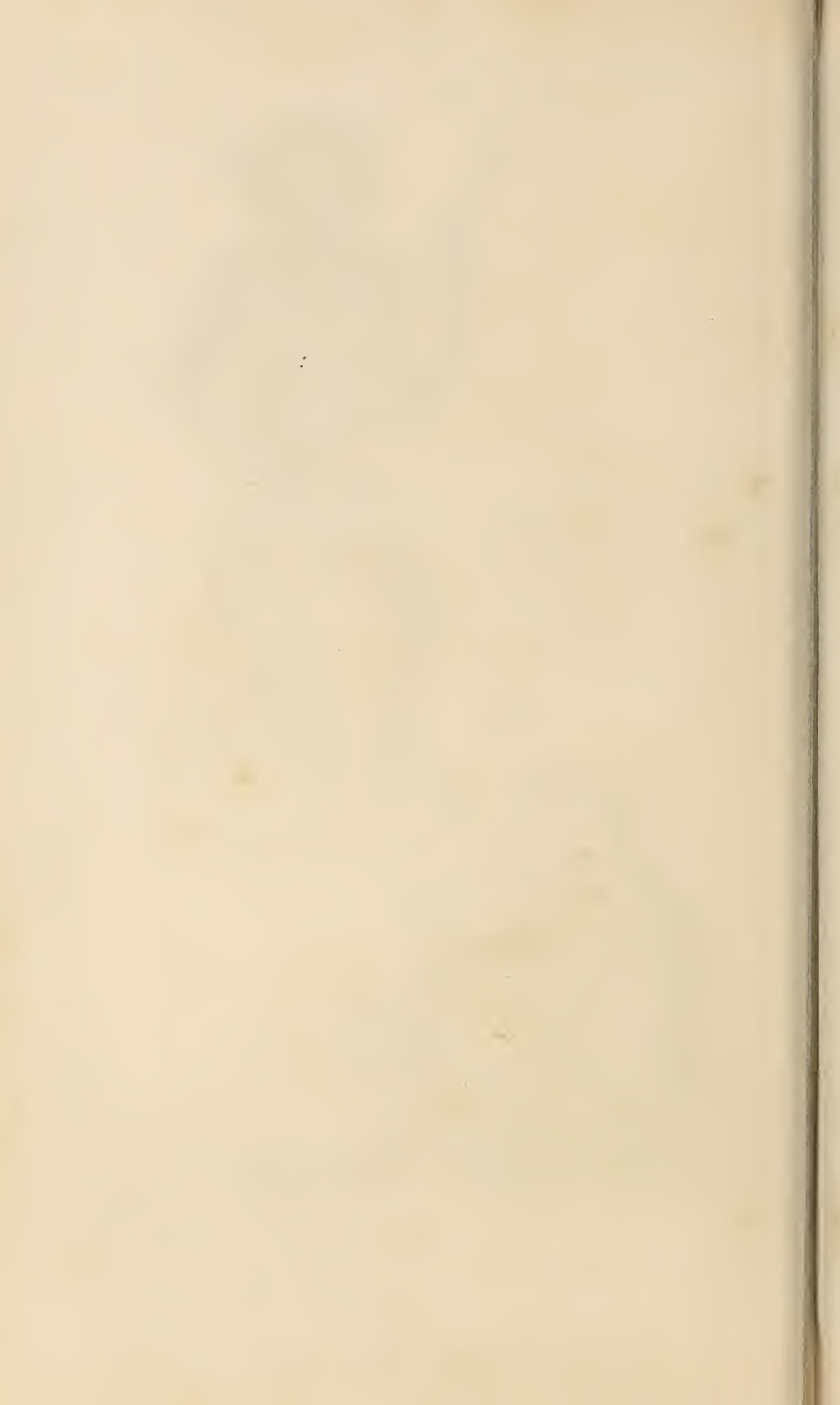


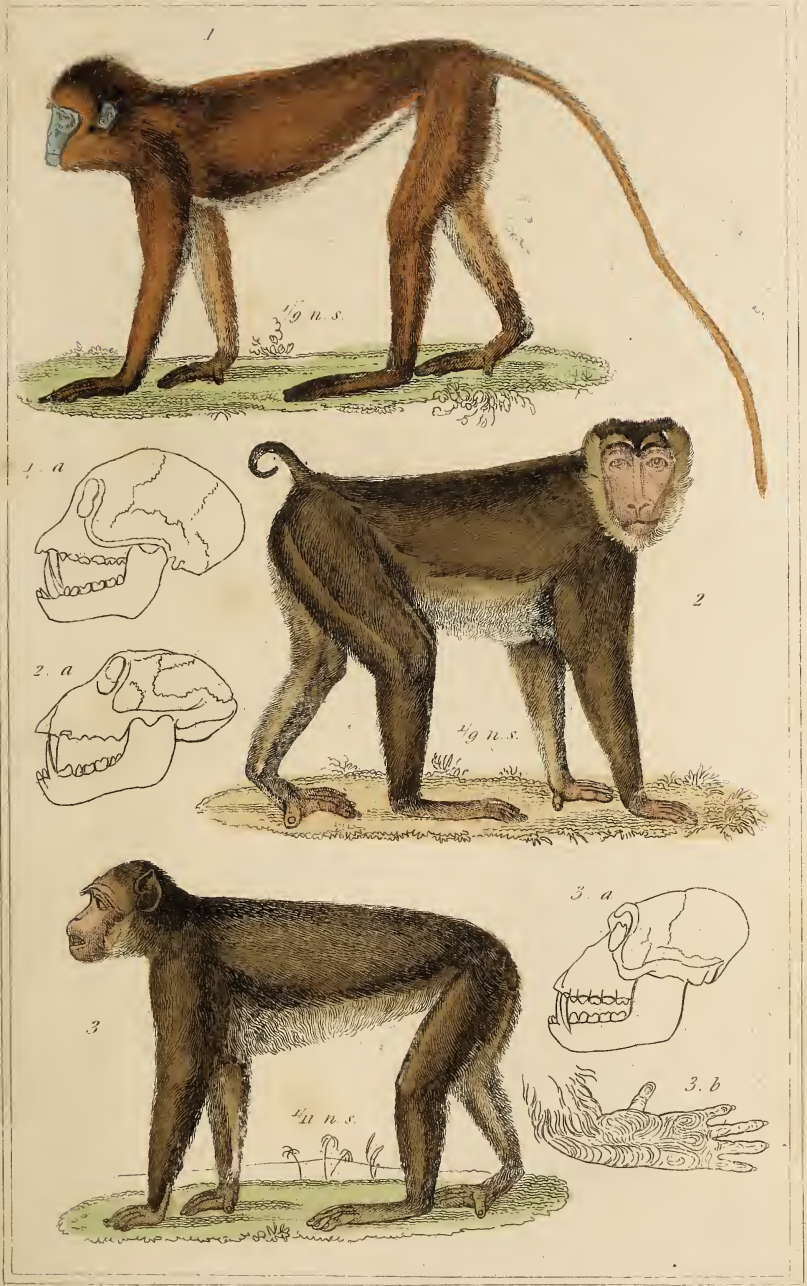
1. Dentition of the Howling Monkeys. 2. The Lower Jaw with the Teeth of the Asiatic Orang-Outang. 3. The Face of the Bouroucouli. 4. Dentition of the Guenon Monkeys



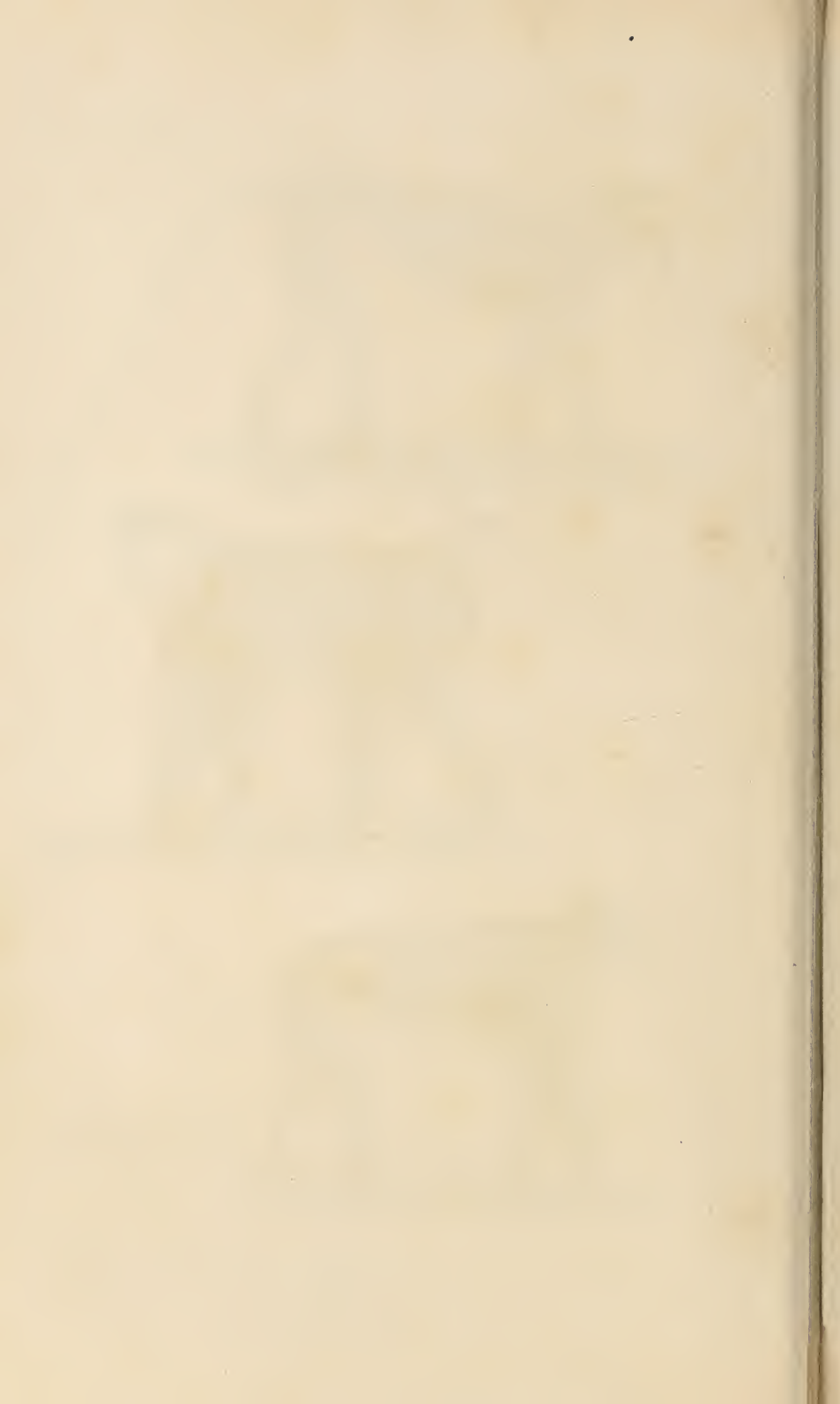


1. *Troglydytes Niger.* (*The Black Ourang*) 2. *Pithecus Satyrus.* (*The Red or Asiatic Ourang-Outang. (Side View)*)





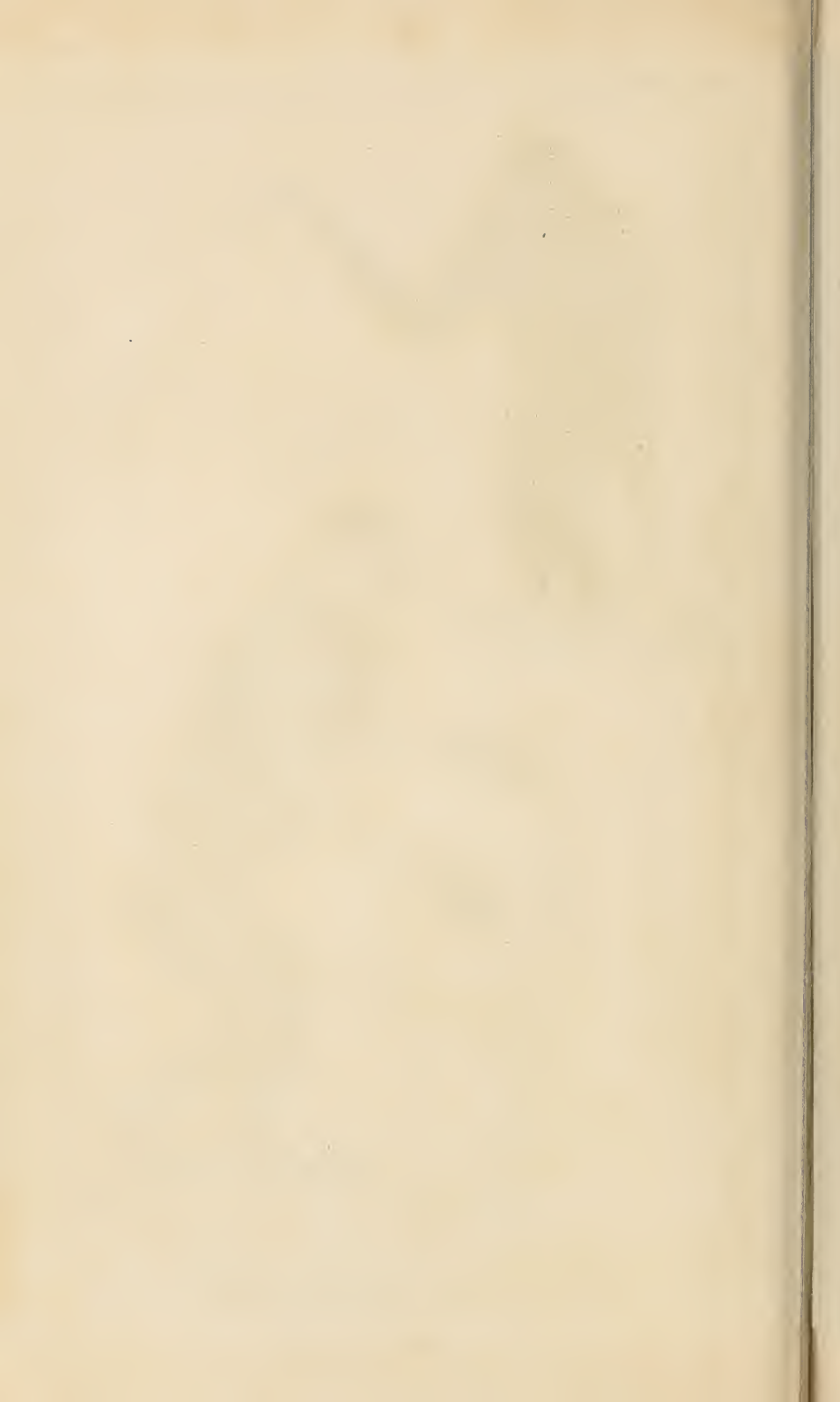
1. *Semnopithecus melalophos*. Raf. The Sinpai | 2. *Macacus nemestrinus* Fr. civ The Brown Baboon |
 3. *Luus silvanus*. (The Barbary Ape)





1 *Hyllobates syndactyla* (*The Siamang*) 2 *Lasiopyga nemea* (*The Cochin-China Monkey*)
3. *Teeth of the Cenopithecus. Geoff. St. Hil.*

London, G. Henderson, 2, Old Bailey.





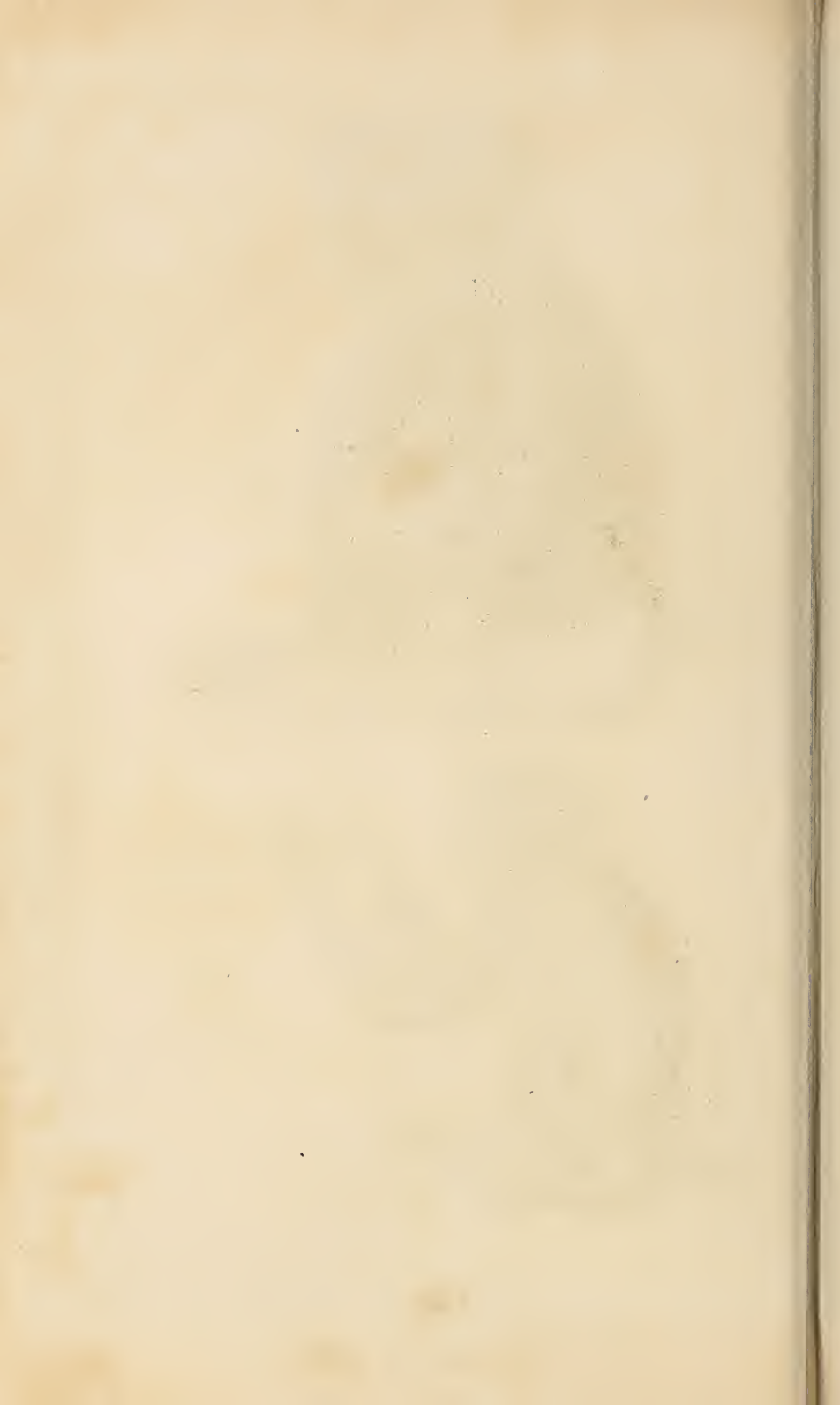
1. *Nasalis Larvatus.* (The Kahau or Proboscis Monkey.) 2. *Pithecius Satyrus.* (The Red or Asiatic Orang Outang. (Front View.) 3. Foot of the Siamang. 4 & 5. Dentition of the *Semnopithecus Maurus.*





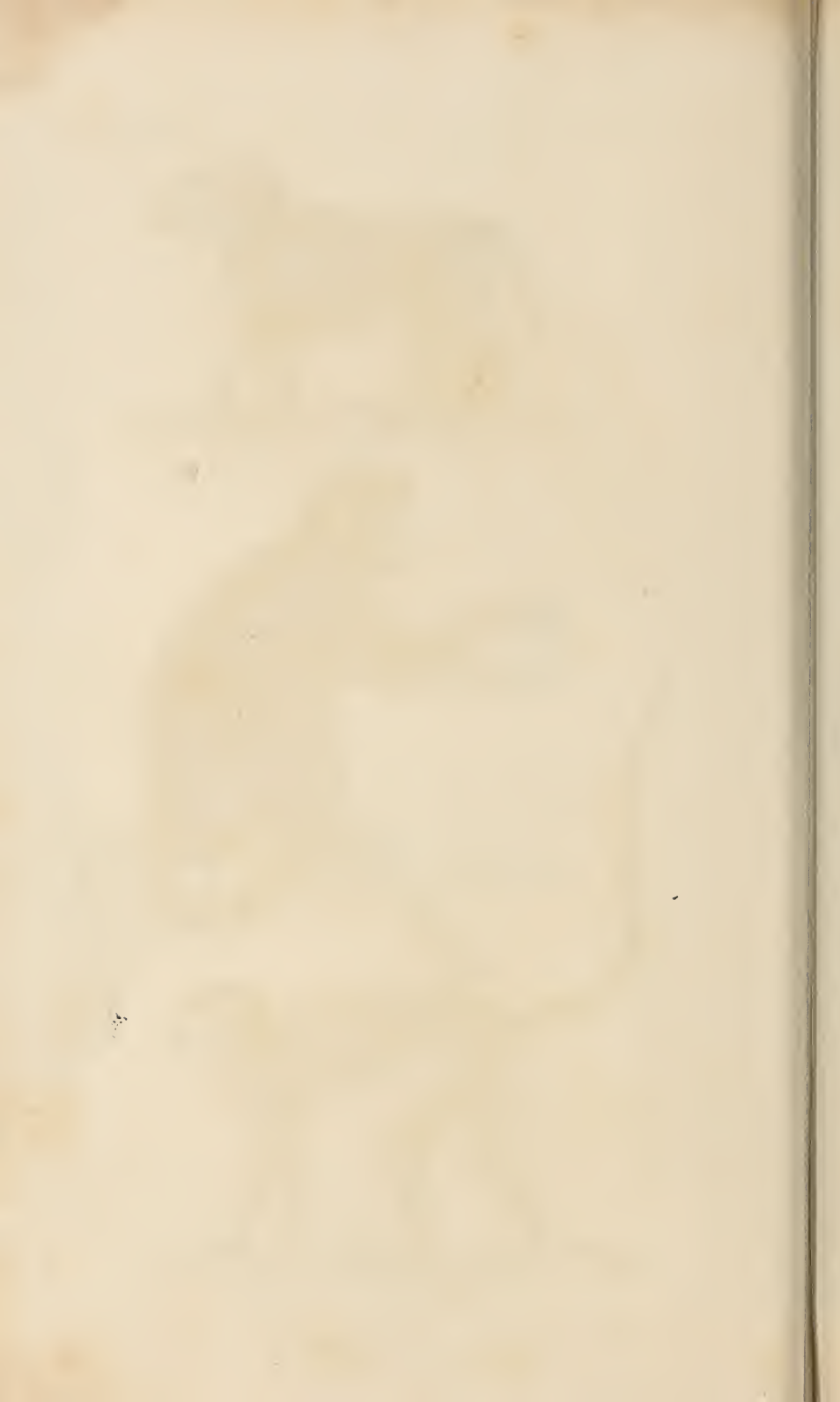
1. *Macacus silenus* (The Quanderow) 2. *Pithecia melanocephala* (The Cacajao)
 3 & 4. Teeth of the *Cenocobus*. Geoff. 5^e Hist. 5. Nose of the Kahau or Proboscis Monkey. (*Nasalis Larvatus*. Geoff. 5^e Hist.)

London, G. Henderson, 2. Old Bailey.





1. *Simia rubra*, Gm. / The Patas / 2. *Cynocephalus papio*, Desm. / The Guinea Baboon / 3. *Simia satellus*, Gm. / The Hooped Sajeu /



2

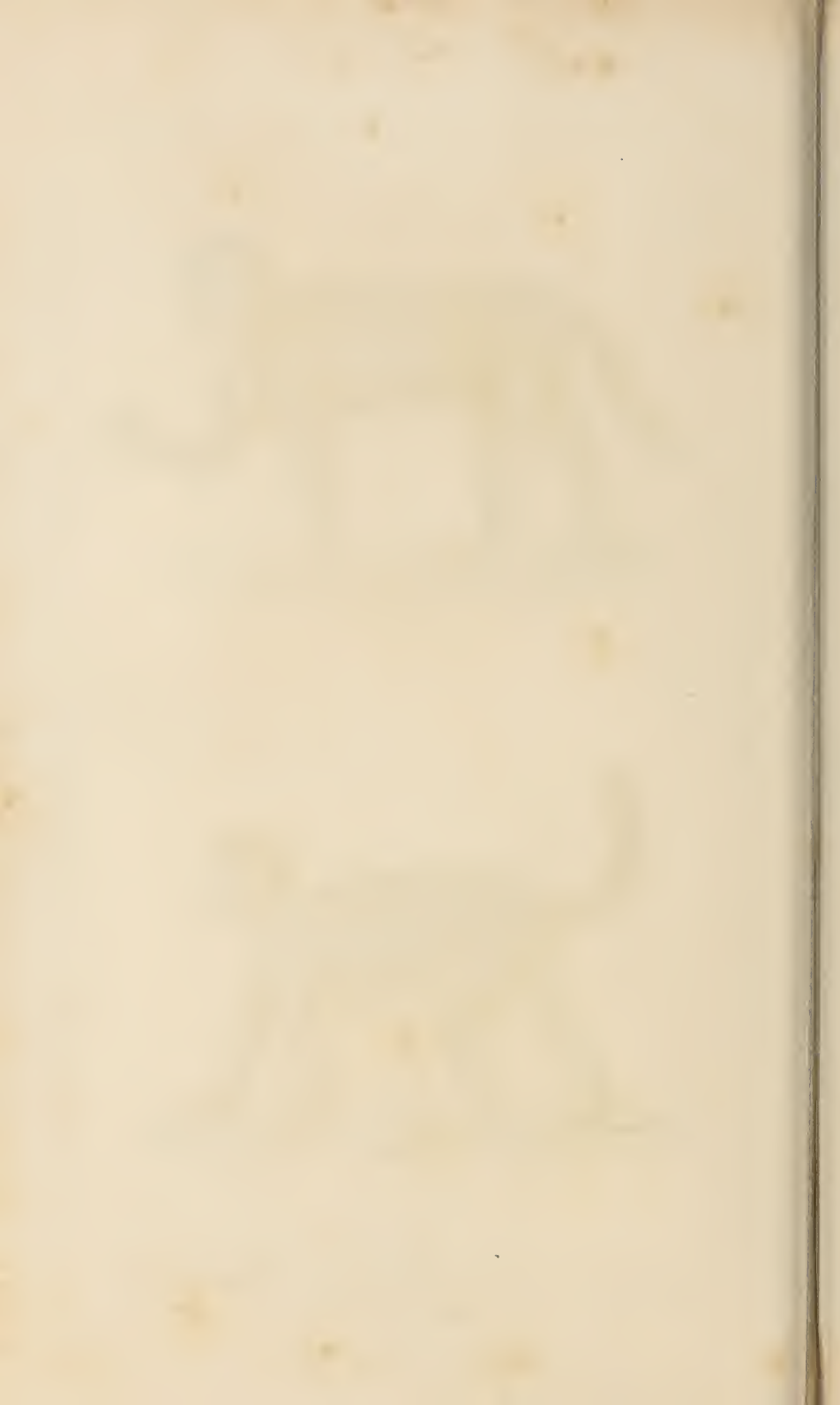


1



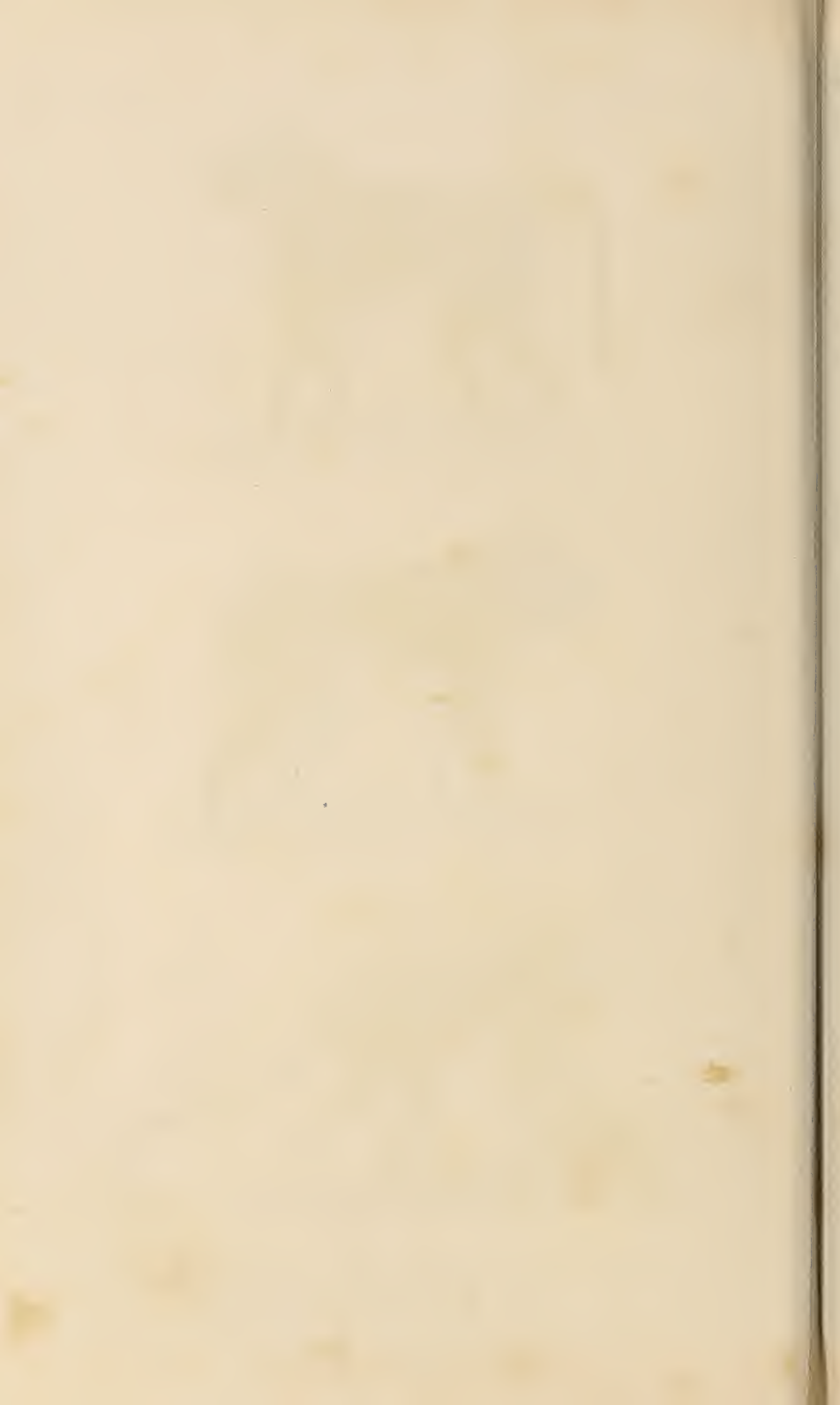
1. *Callithrix personata*. Geoff. The Masked Monkey / 2. *Callithrix hyems*. Geoff.
(The Mourning or Widow Monkey)

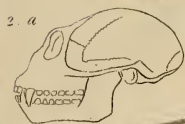
London, E. Henderson, 2, Old Bailey.



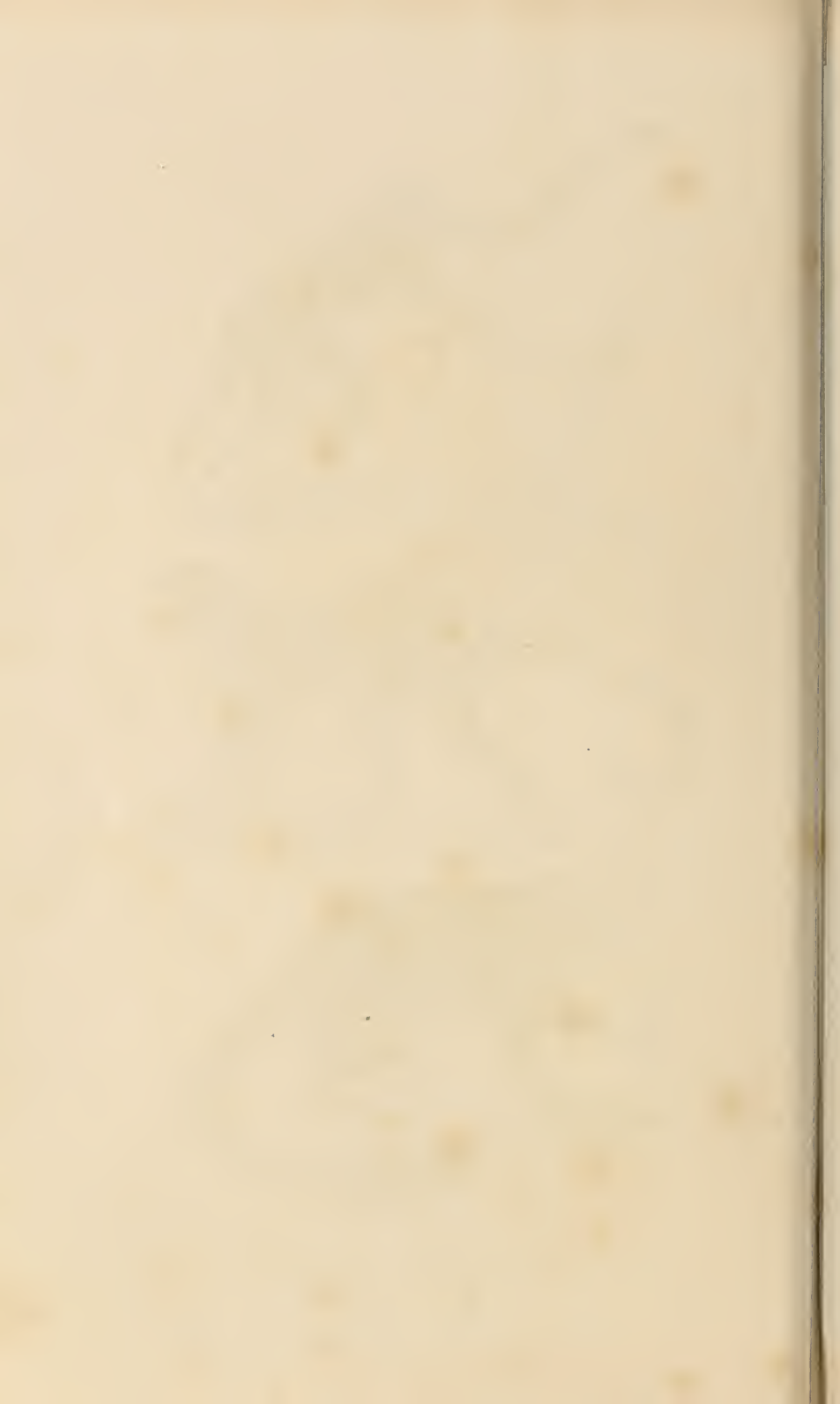


1. *Cynocephalus porvarius* (The Chaema) 2. *Papio naimon* Geoff. N° 161. (The Mandril)
 3. *Myecetes seneculus* (The Red Howling Monkey)



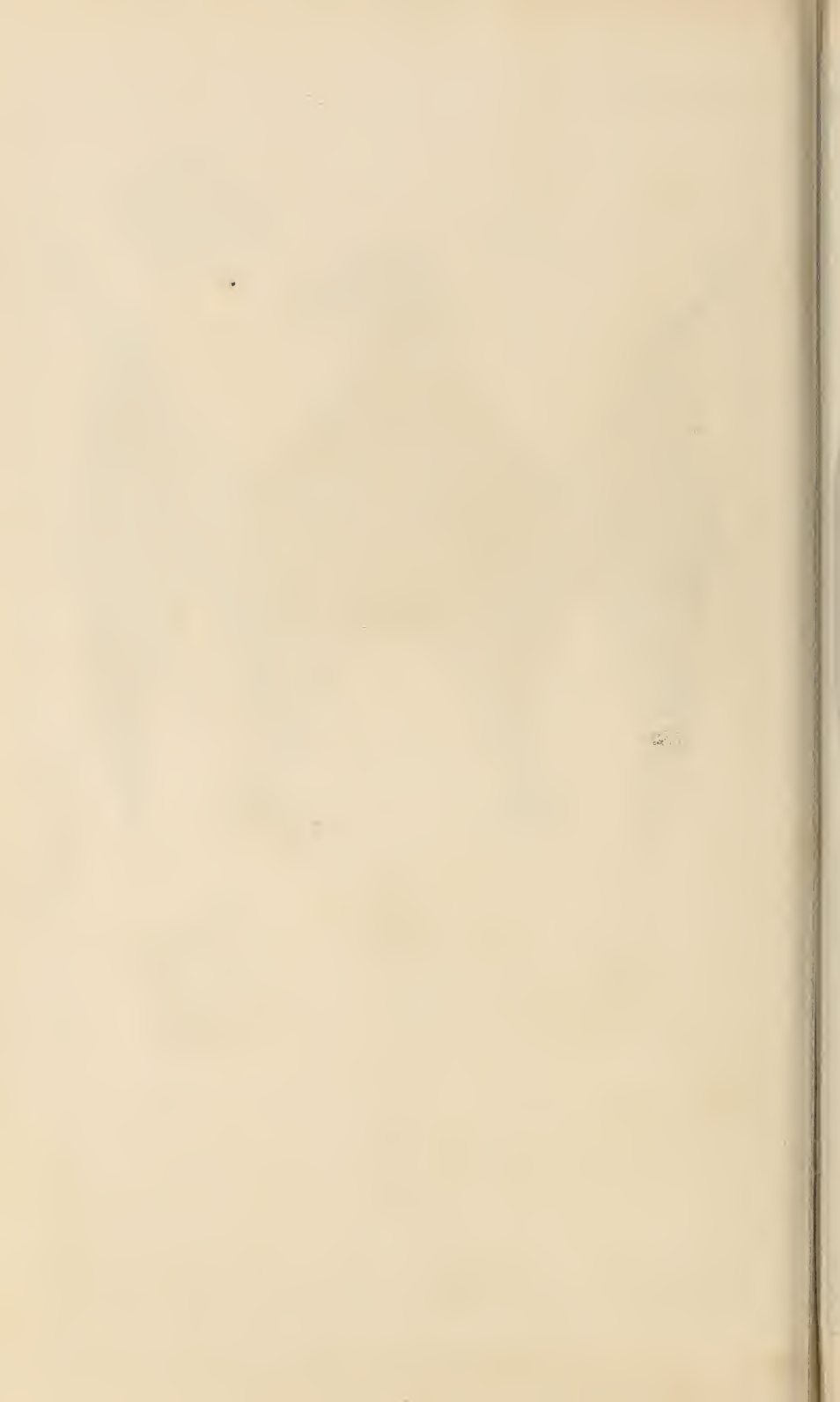


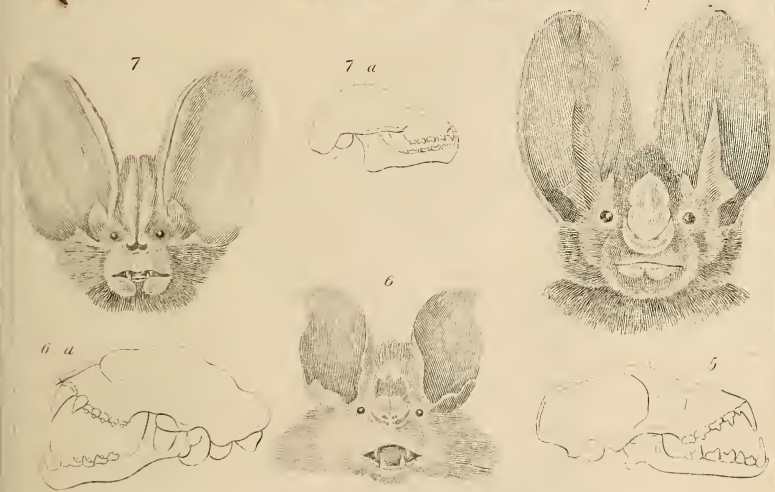
1. *Brachyteles hypsanthus*. (The Mikiri) 2. *Cebus apella*. (The Wrepper Sapajou)
 3. *Pithecia rufiventris*. (The Red-bellied Saki)





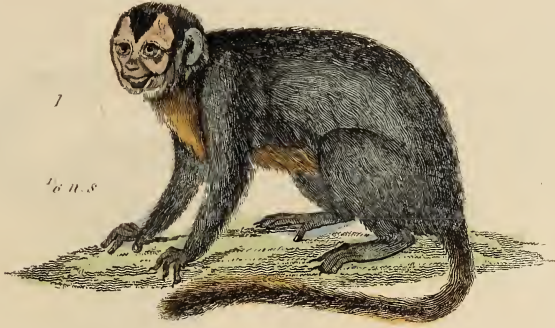
1. *Pteropus Dussanieri*, *isid. Geoff.* 8' Nil. (The Rousette of Dussanieri) 2. *Pteropus Kerandrensis* (The Rousette of Kerandren) 3. The Head of the *Cephalotes Pallasii* Geoff. (Cephalote of Pallas) 4. *Molossus obscurus* Geoff. (The Molossus Bat) 5. *Noctilio Leporinus*, *isid.* (The hare-tipped Bat)



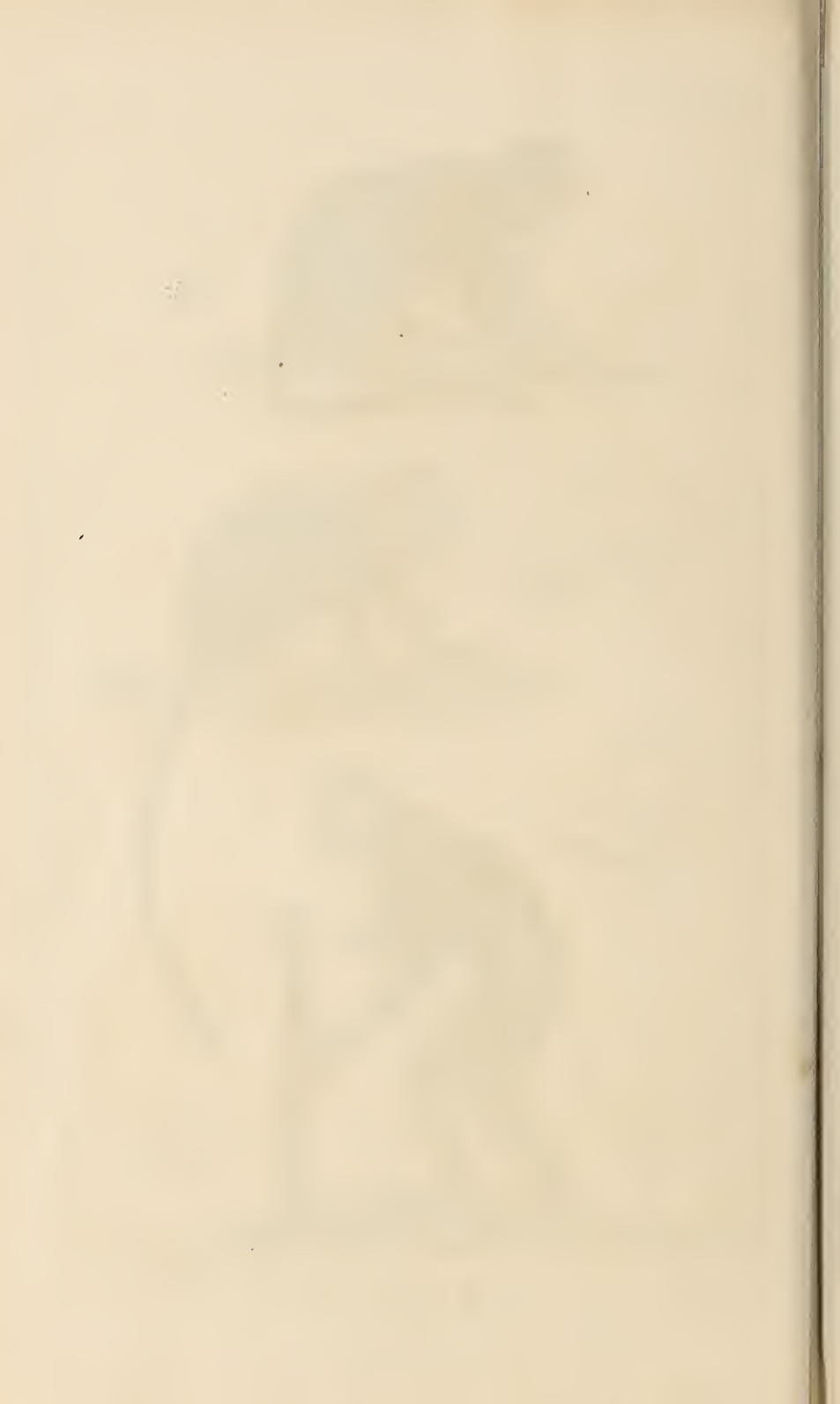


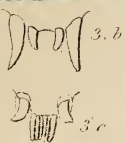
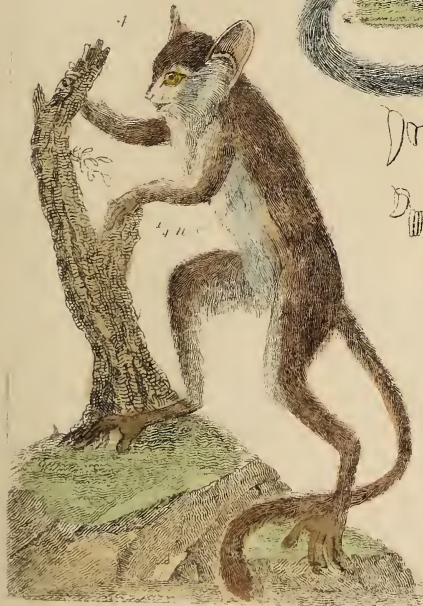
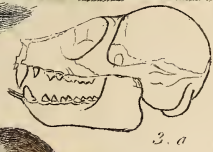
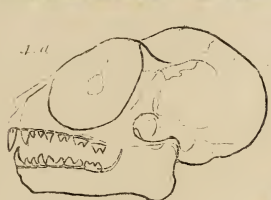
1 *Phyllostoma carolinianum* Geoff. The Indented Savanna Bat. 2 & 3 Teeth of *Phyllostoma specterum* et *hastatus* Vampire & Savanna Bat. 4 Head of the *Megaderma tridens* Geoff. Trefoil leaf Bat. 5 Head of the *Meg. prous* Geoff. Leaf Bat. 6 Head of the *Rhinolophus tridens* Geoff. Three toothed House Shear Bat. 7. *Nyctalus Geoffroyi*. The Bear-eared bat.



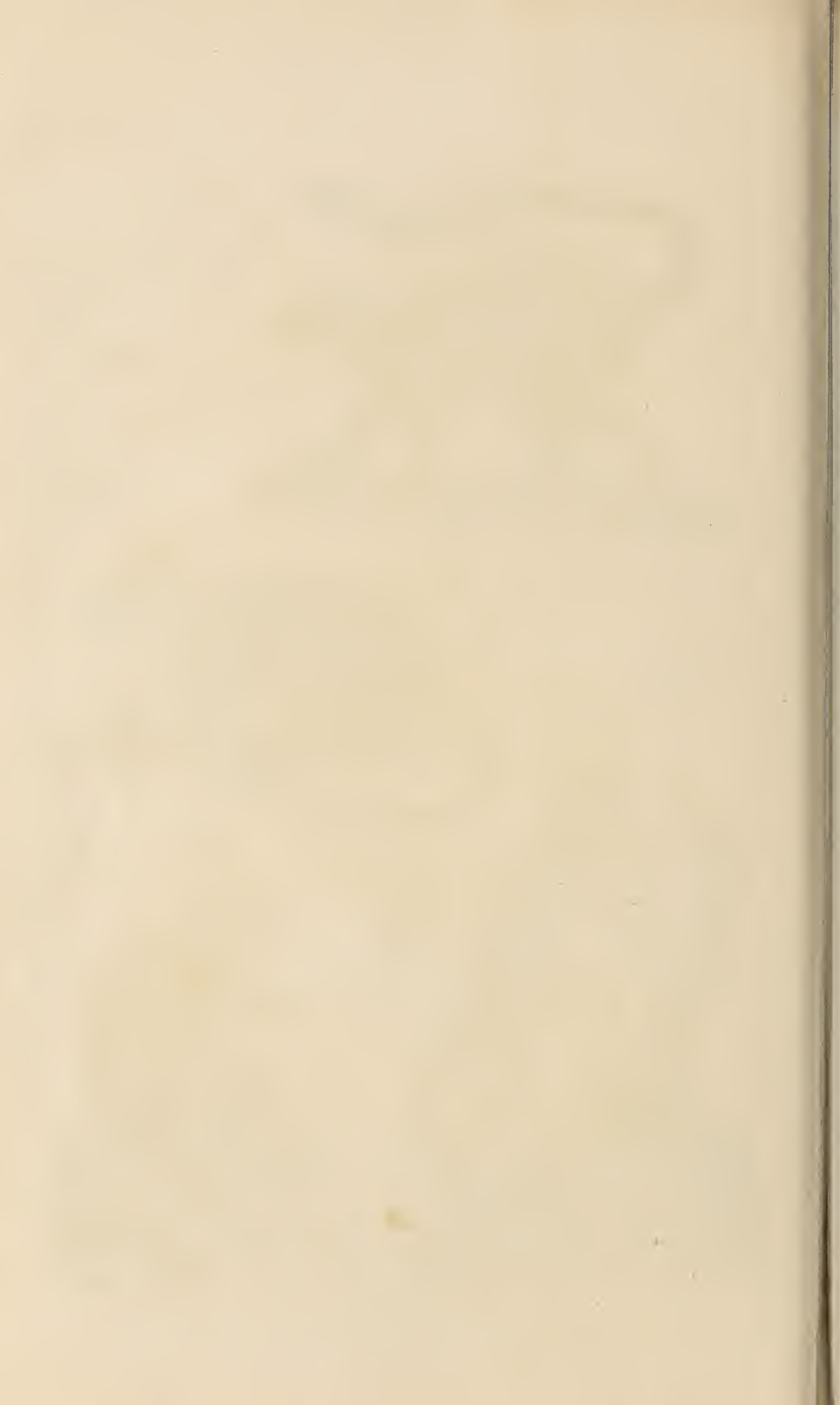


1. *Noelthores trivirgata*. The Douroucouli! 2. *Hapale chrysomelas*. The Black Marletou. *Lichanotus indri*. The Indri.





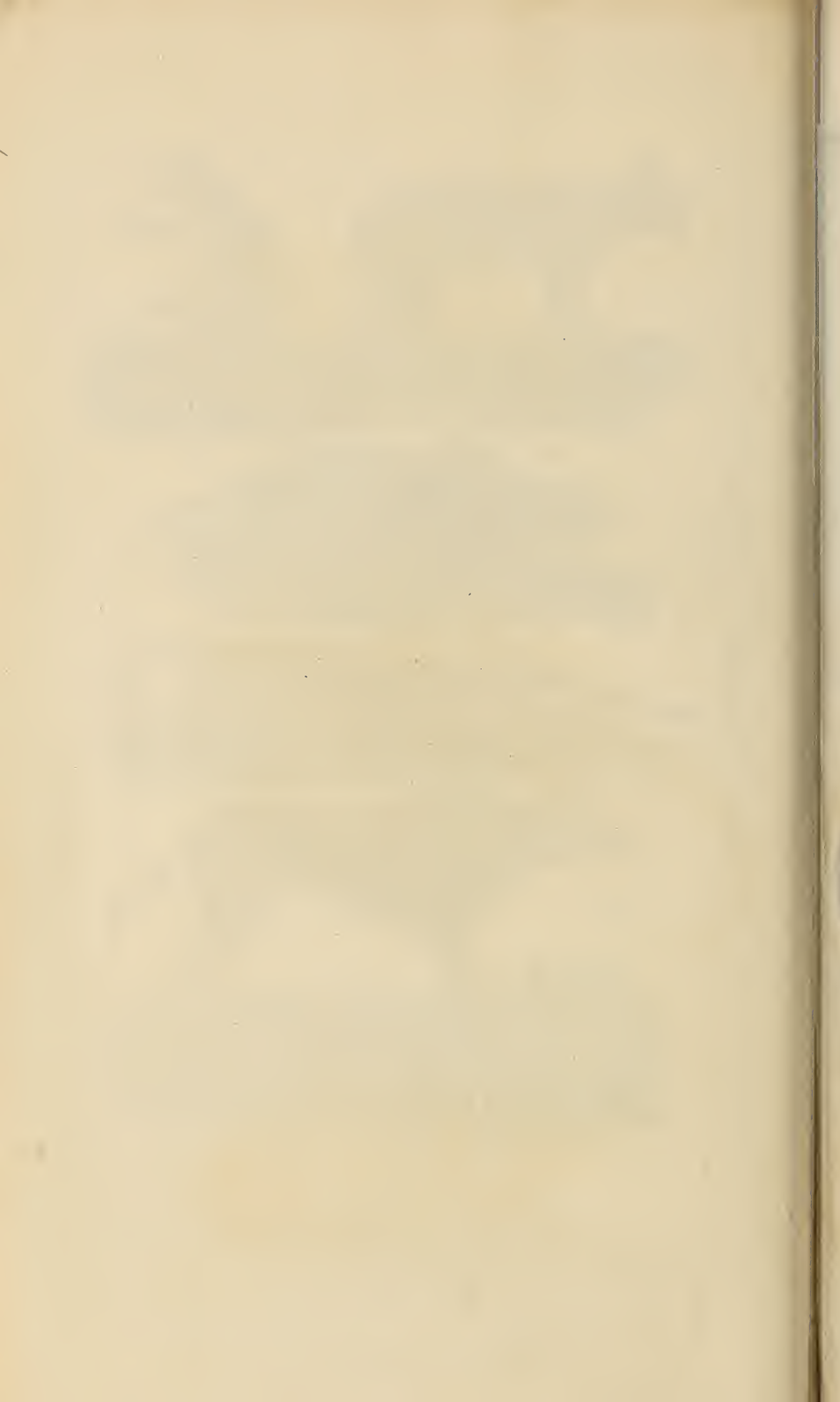
1. *Leontideus* (The Barbary Monkey). 2. *Callosciurus* (The Squirrel). 3. *Leontideus* (The Barbary Monkey). 1/2 n.s. 1/4 n.s.





1. Galago crassicaudatus the Civet 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. G. Henderson. 2 Old Bailey.





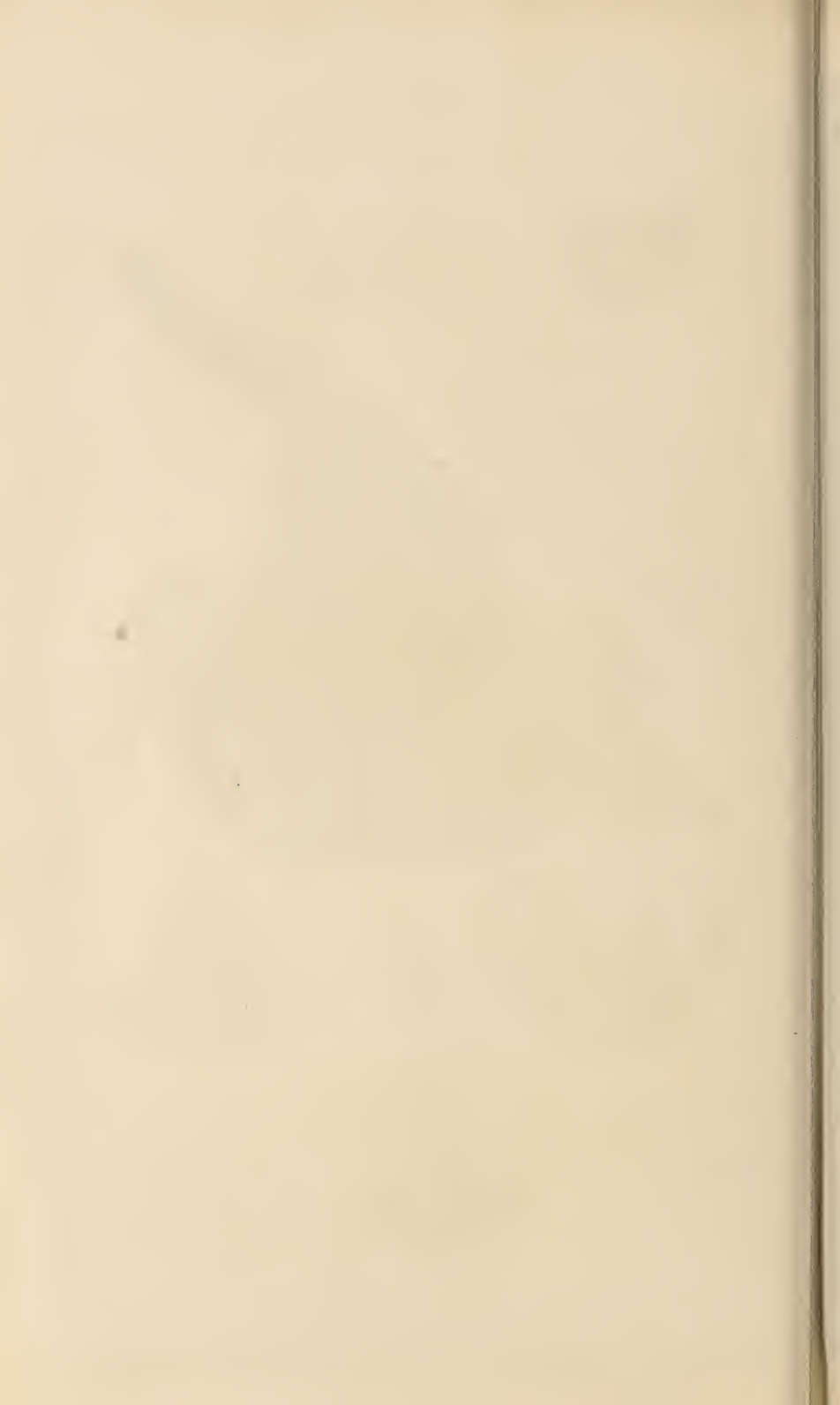
1. *Sorex araneus* Lin. (The Common Shrew.) 2. *Mygale moschatus* Lin. (The Russian Musk Bat.)
 3. *Chrysochloris asiatica* Lin. (The Golden Mole.)



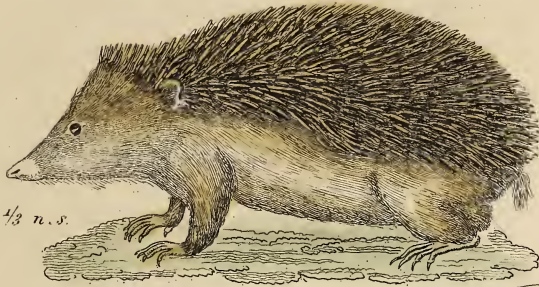


1/6 n. s.

1. *Taphozous mauritanicus* Geoff. *S^d Hil* / *The Mauritius Horse Shoe Bat* 2. *Nespertilio pipistrellus* Gm. / *The Pipistrelle*
 3. *Plecotus timoriensis* Geoff. / *The Timor Bat* 4. *Galeopithecus rufus* Geoff. / *The Red-flying Lemur Bat*



1

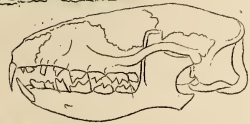


1/3 n.s.

2. a



1. a



2



1/2 n.s.

3



2. b



4. a

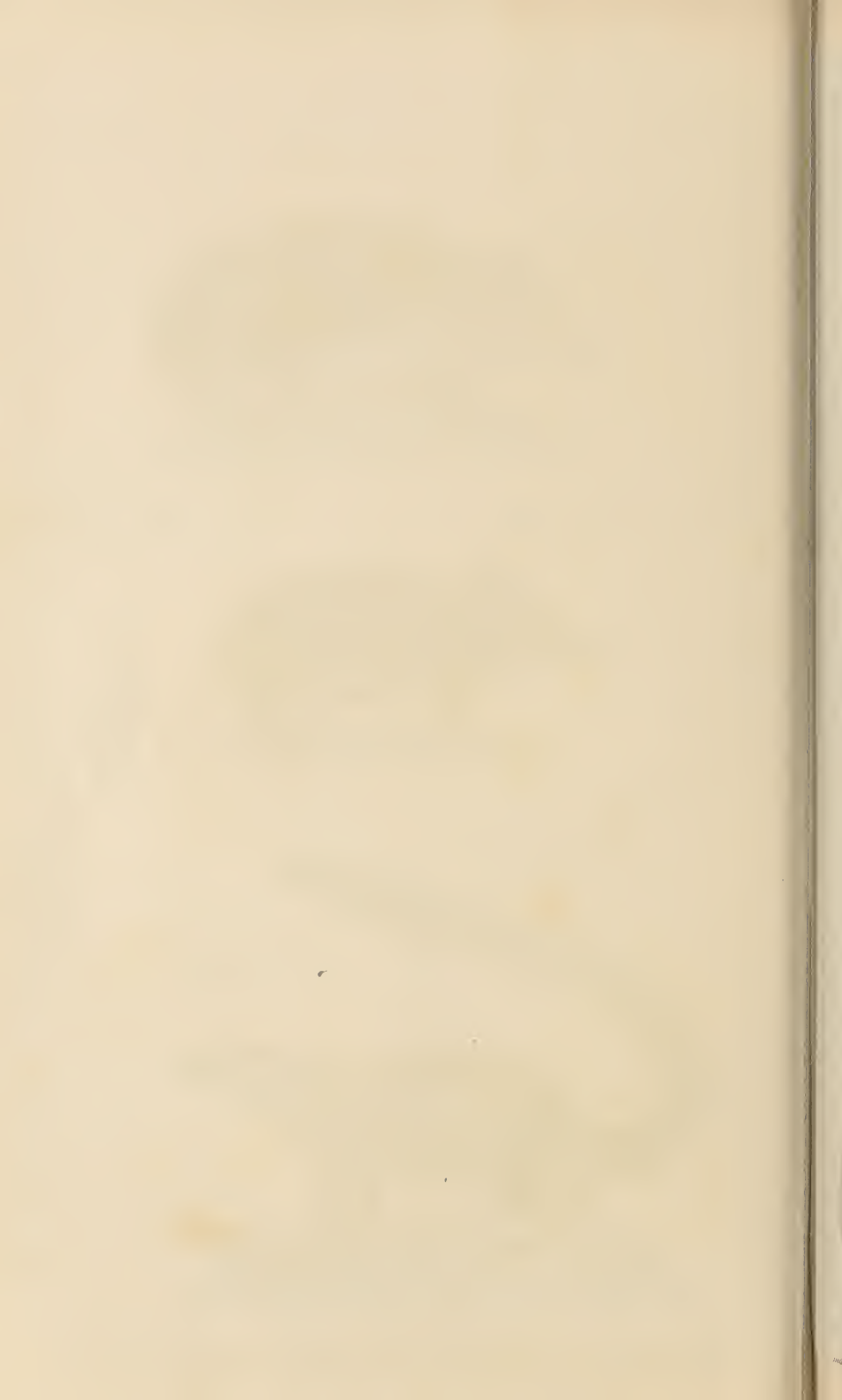


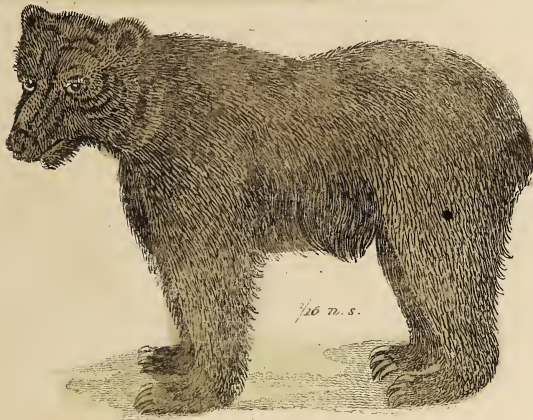
4



1/3 n.s.

1. *Erinaceus europaeus* Lin. (The Common Hedge Hog) 2. *Centetes semispinosus* (The Radiated Tenrec) 3. Head of the *Centetes setosus*. (The Tenrec) 4. *Cladobates ferruginea* (The Ferruginous Tupia)

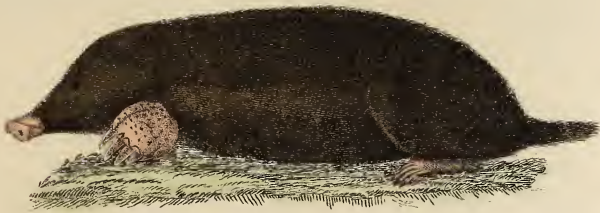




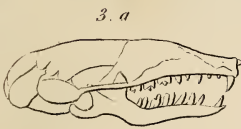
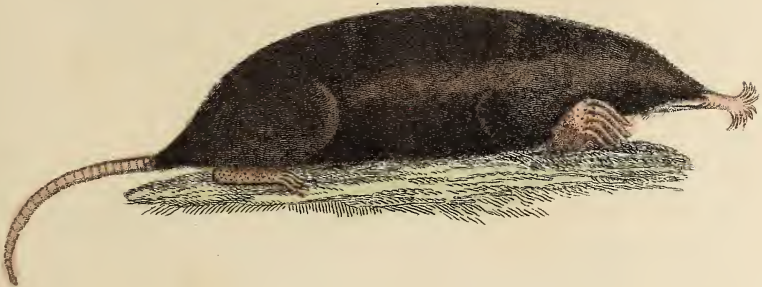
1. *Ursus labiata*. Blainv. (The Thick lipp'd Bear) 2 *Ursus arctos*. (The Brown or common Bear of Europe) 3. *Ursus malayanus*. Horsfield. (The Malay Bear)



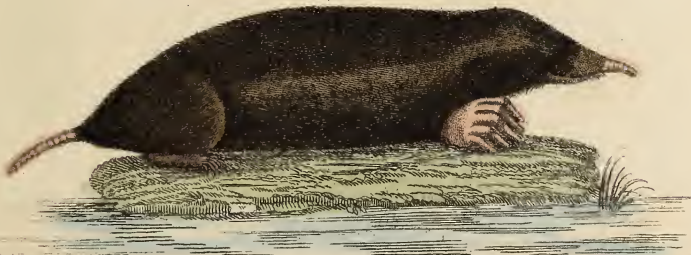
1



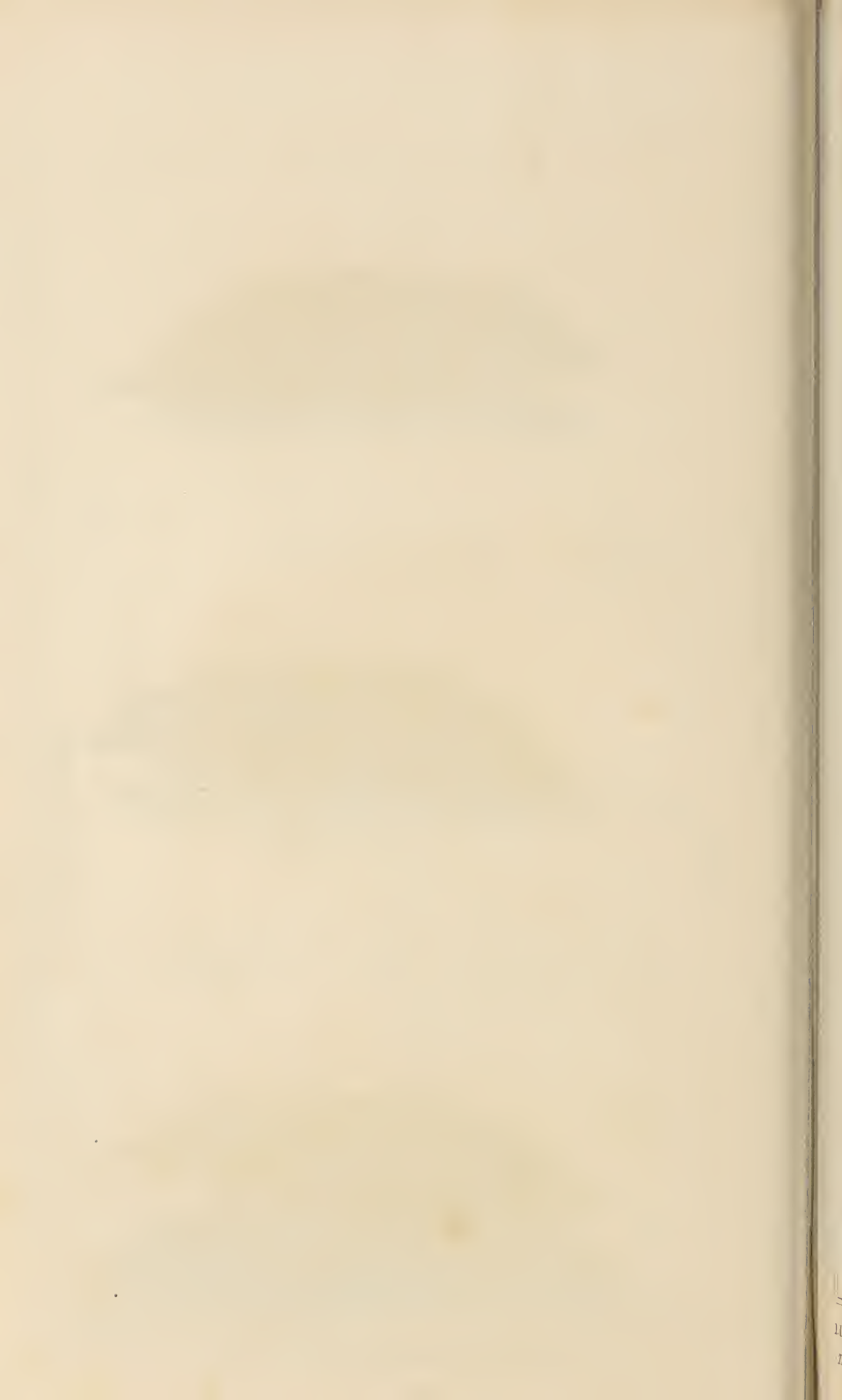
2



3



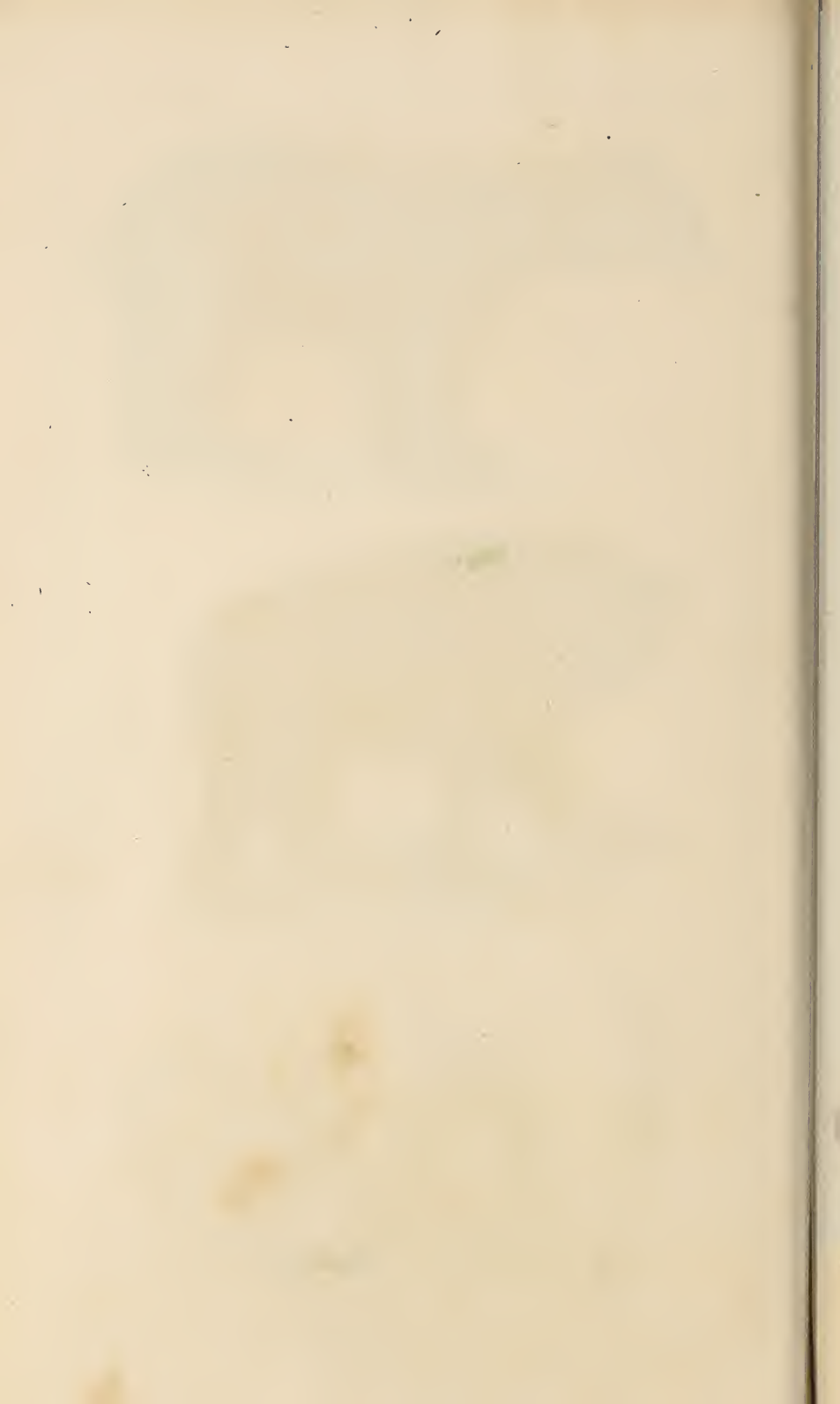
1. *Taipa europaea*. Lin. (The Common Mole.) 2. *Condylura cristata*. Lin. (The Radiated or American Mole.) 3. *Scalops aquaticus*. Lin. (The Canadian Scalops)

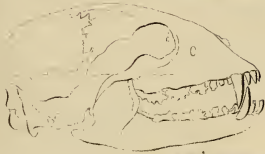




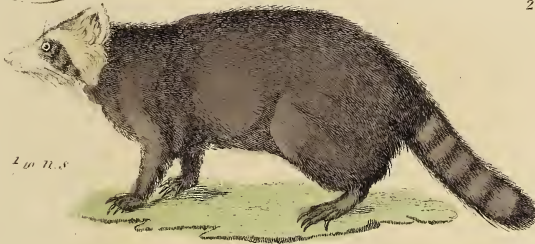
1. *Ursus americanus*. 6m. (The North American Black Bear) 2. *Ursus ferax*. Lewis & Clarke.
(The Grizzly Bear) 3. *Ursus maritimus*. (The Polar Bear)

London: G. Henderson. 2. Old Bailey.





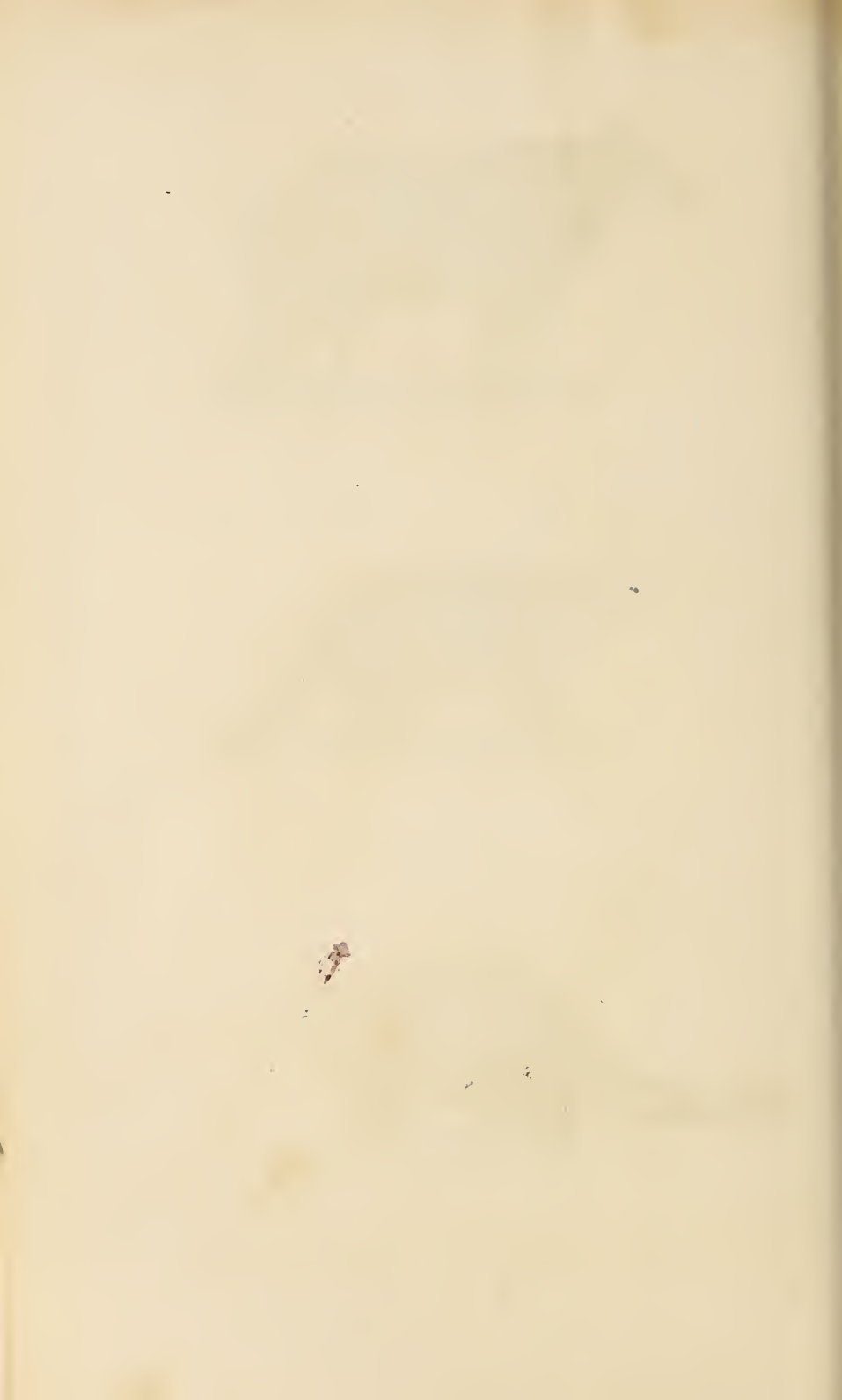
2



3



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





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

London G. Meadison 2. Old Bailey



1. Head of the White Bentwing.

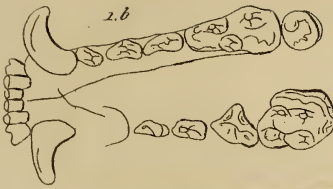
2. *Potos caudivolutus* (The prehensile tailed Pottu)

3. *Nasua rufus* (The Red Coati)

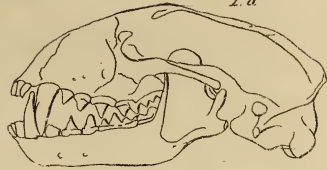


1

$\frac{1}{9}$ n.s.



2. b



1. a

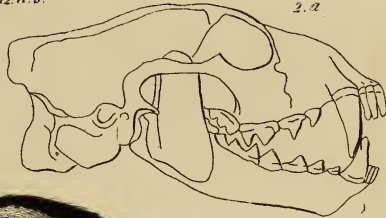


2

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



3. a



2. a



3

$\frac{1}{6}$ n.s.

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 American Skunk)
Lutra nair (The Pondicherry Otter) 4 Head of the Javanese Tredu

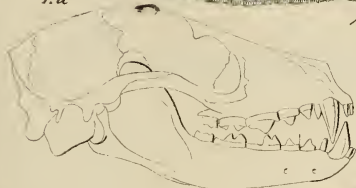


1



1.a

$\frac{1}{9}$ n.s



2.a



2

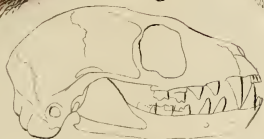


3

3.a

$\frac{1}{5}$ n.s

3.b



4.a



4

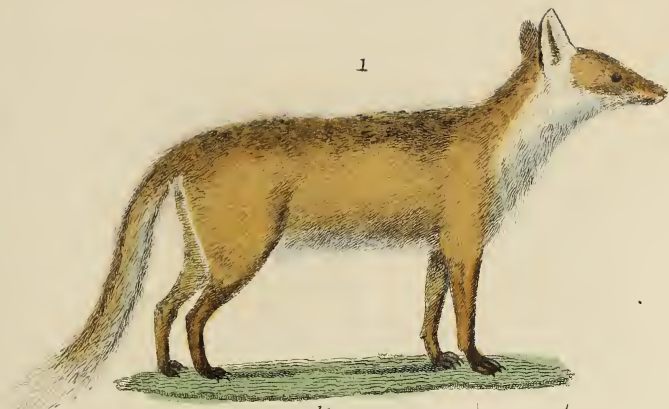


$\frac{1}{10}$ n.s

1 *Paradoxurus typus* (The Pougoune of India) 2. *Herpestes castra* (The Mangouste of India)
3. Cranium & Claws of (*Viverra Zibetha*) the Suricate. 4. *Proteles lalandii* (The Mangu of Laland)



1

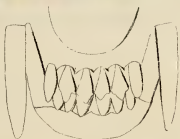


$\frac{1}{12}$ n.s.



1.a

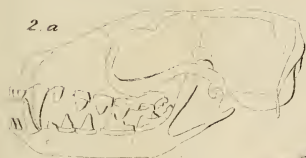
2



1.b



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



2.a



3.a



$\frac{1}{7}$ n.s.

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

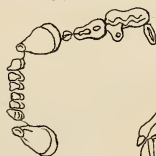
1



1. a



2. b



2. a

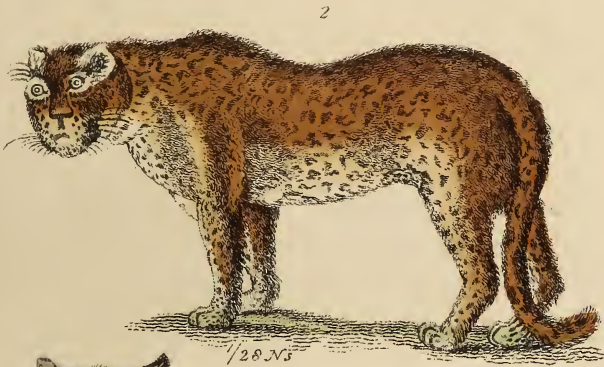
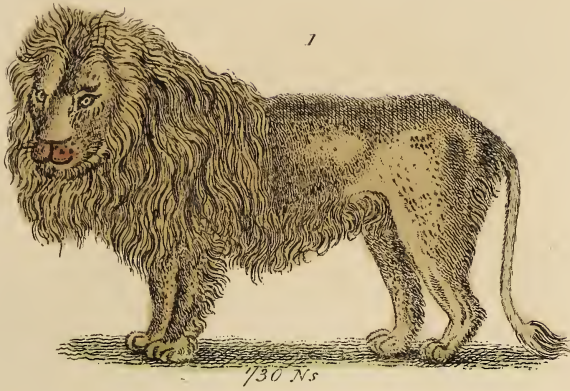


2



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

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



1. *Felis leo*. Lin. (The Lion) 2. *Felis leopardus*. Lin. (The Leopard)

3. *Felis catus*. Lin. (The Domestic Cat)



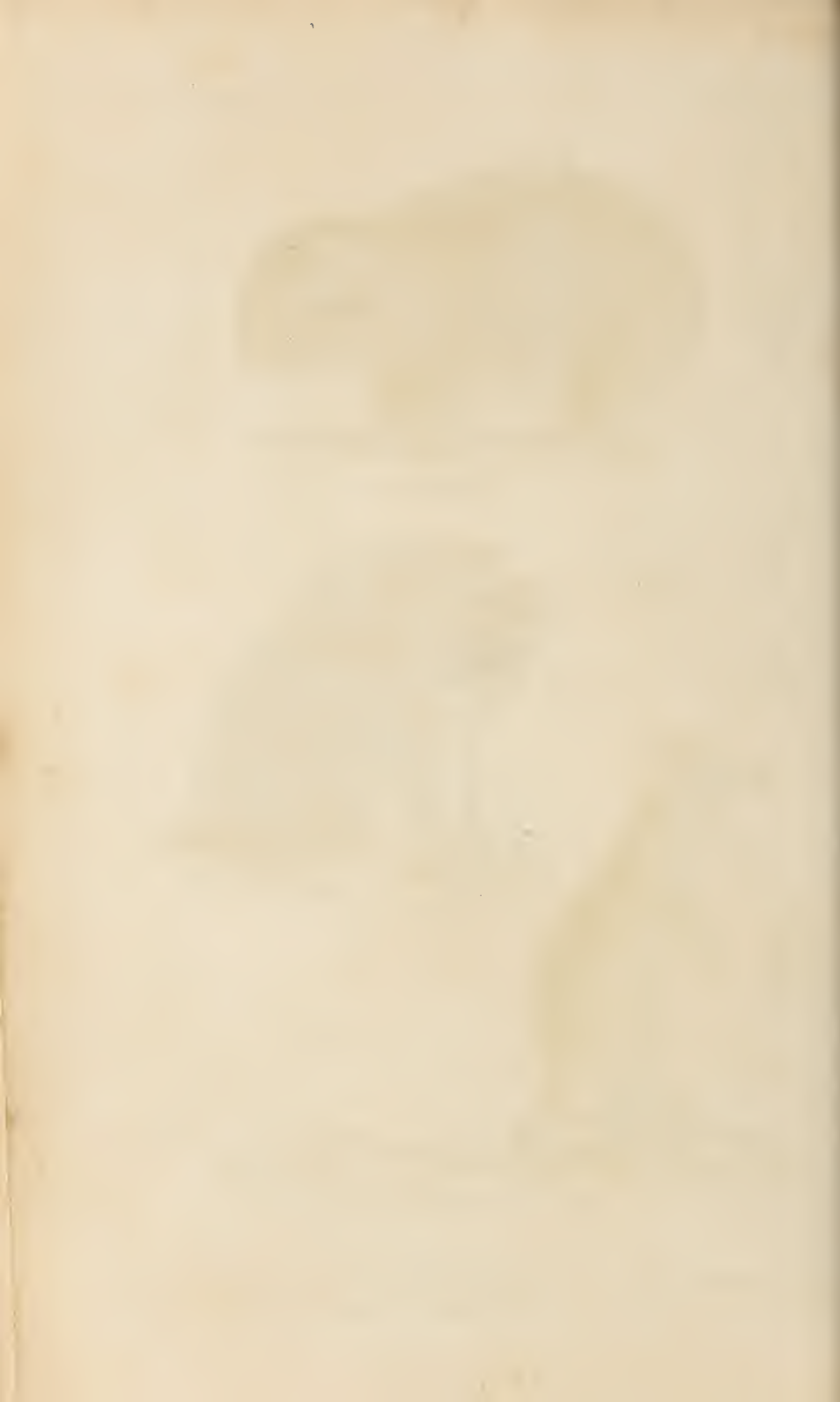
1 *Calcephalus vitulina* Linn. The Common Seal 2 *Macrorhinus proboscideus* Gray The Elephant Seal 3 *Odobus pachota* The Sea Lion of Steller Perotti S. 4 *Odobus rosmarus* The Walrus 5 A Cow of the Eastern Hemisphere



1 *Didelphis cancrivora* [The Grub eating Opossum] 2 *Dasyurus viverrinus*, White Dasyurus
 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. *Lipinus cinereus*, Gold. The Koala | 4. *Phascolomys Wombat*, Per. 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 *Sciuurus aureogaster*, Fr. Cav. / The Golden-bellied Squirrel / 2 Head of a Guerlinguet / A Sort of Squirrel / 3 *Pteromys volucella*, L. / The American Flying Squirrel / A. *Cheiromys madagascariensis* / Gmel. / The Aye Aye

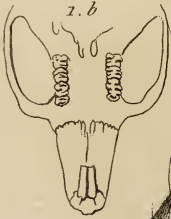


1 *Hydromys chrysogaster*, Geoff. (The Hydromys.) 2. *Capromys Poyvii*. The Houtia/
 3. *Mus Jacumanus*, Pall. (The Sarnobat or Common Norway Rat.)

1



$\frac{1}{6}$ n. s.



2. b



1. a

2



$\frac{1}{2}$ n. s.



4



2. a

3

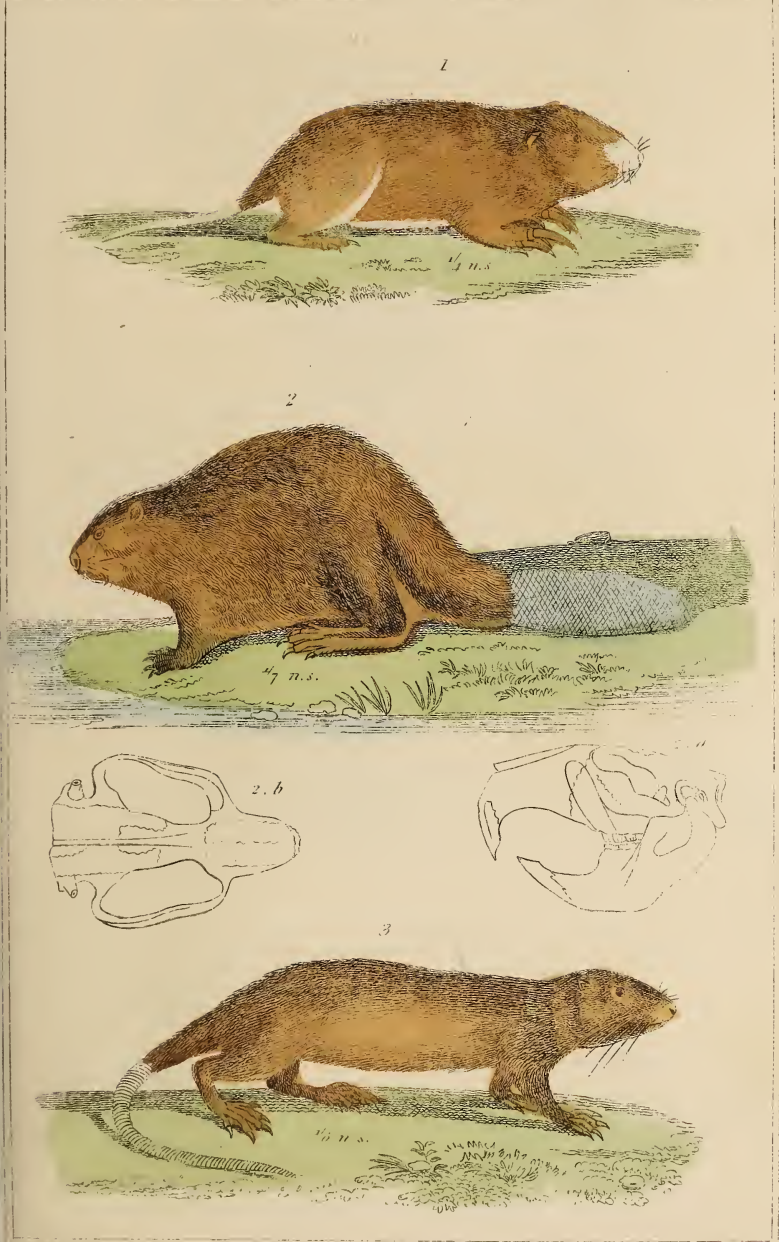


4. a



$\frac{1}{4}$ n. s.

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



1. *Geomys carolinus* Shaw (in *The Canadian Hamster*). 2. *Castor fiber*, Bell (in *The Beaver*).
3. *Myopotamus capus*, Albin. (in *The Guinea*)

L. 1840. G. B. Hensler. 2. 1841. Bates



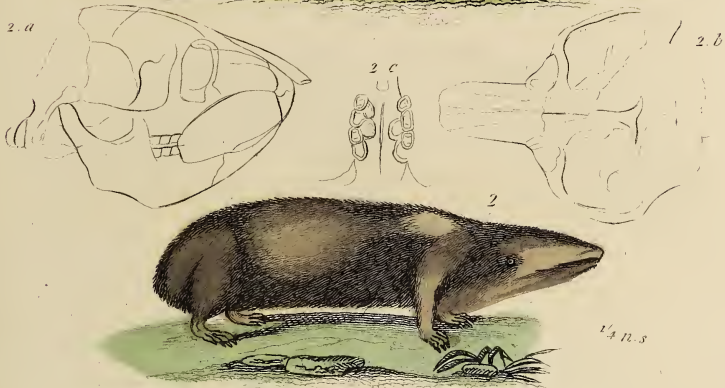


1. Gerbillus pyramidum, Loid. Geoff. / The Gerbil of the Pyramids / 2. Cricetus vulgaris, Desm. / The Common Hamster / 3. Arvicola arvensis, Desm. / The Meadow Vole



1. *Georchus lemmus*, L. (The Lemming) 2. *Otomys Capensis*, Fr. Cuv. (The Cape Otomys)
3. *Dipus hirtipes*, Lich. (The Hairy-footed Jerboa)



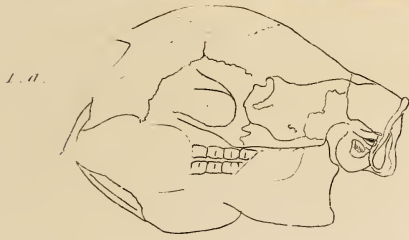


1. *Heteromys capperi*. (The Jumping Hare) 2. *Spalax typhlus*. (The Blind Rat Mole)
3. *Bathiergus maritimus*. (The Maritime Rat Mole)



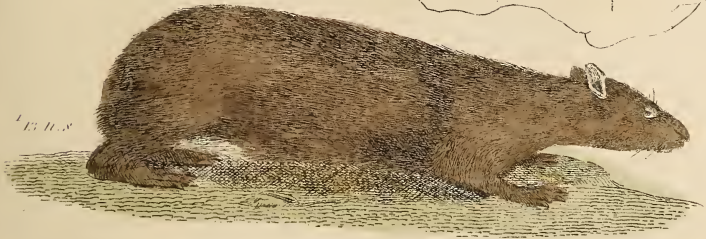
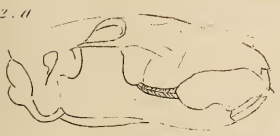
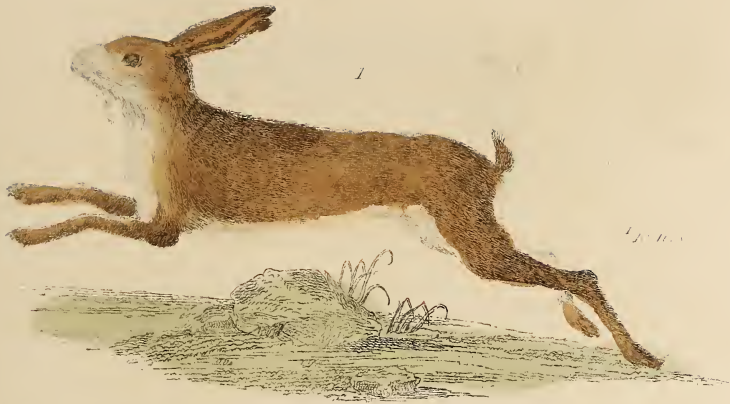


1 *Hystrix dorsata*. Lin. (The Urson) 2 *Hystrix prehensilis*. Lin. (The prehensile tailed Porcupine or Gourdan) 3 *Hystrix fasciculata*. Lin. (The pencil tailed Porcupine)



1 *Hystrix cristata*, Linn. The Common Porcupine
 2 *Syntheves castorina*, The Capy of Brazil





1. *Lepus timidus*, Lin. The Common Hare. 2. *Lagomys alpinus*, Pall. The *Lagomys piteu*, or Alpine Hare.
 3. *Hydrocharys capybara* The Capybara.



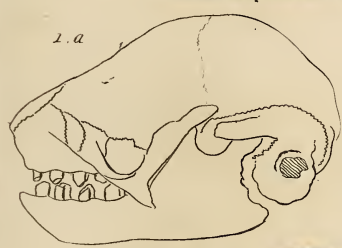
1. *Anema cobata* Apera. (The Guinea Pig) 2. *Chloromys acouchi* (The Acouchi)
 3. *Cecogenys paca*. (The White Spotted Paca)



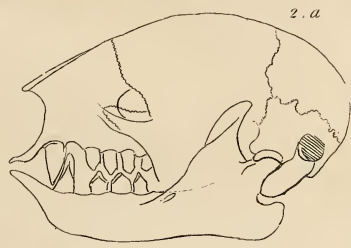


$\frac{1}{10}$ n.s.

1



1.a



2.a

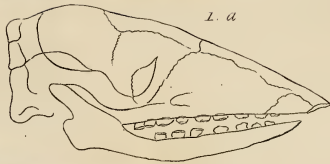
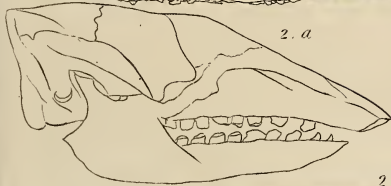
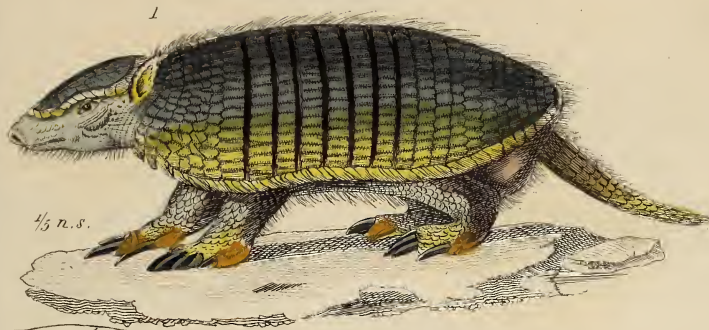


$\frac{1}{12}$ n.s.

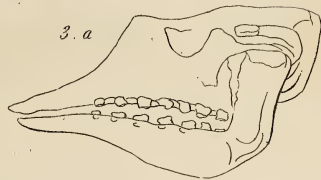
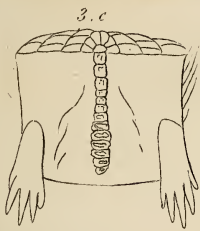
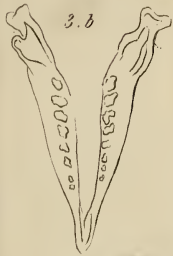
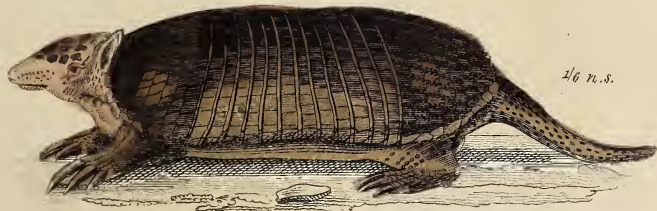
2

1. *Acheus torquatus*, Geoff. (The Black Collared Sloth)

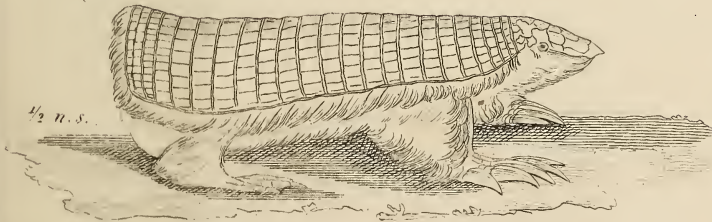
2. *Bradypus didactylus*. (The Unau)



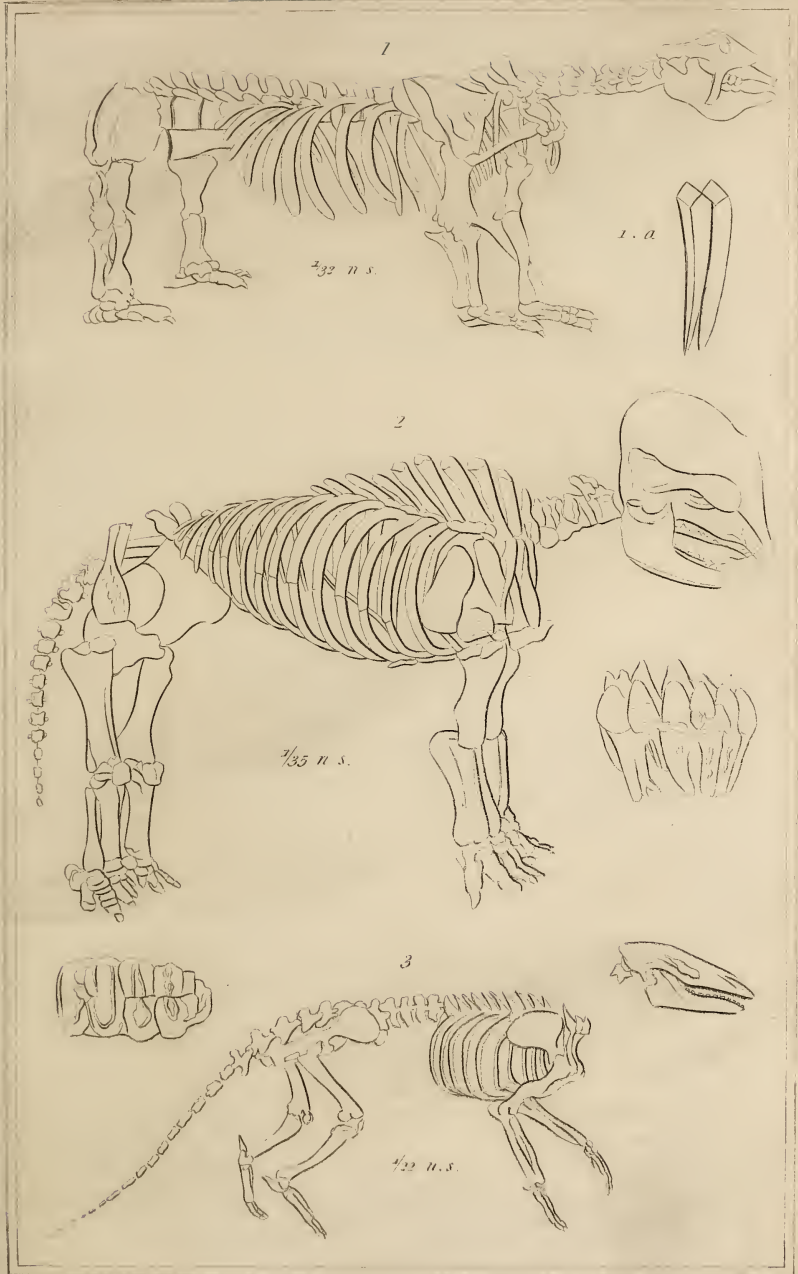
2



3



1. *Dasypus encoubert* Desm. (The Six-banded Armadillo) 2. *Dasypus uncinatus* L. (The Taitouay)
 3. *Chlamyphorus truncatus* Hartm. (The Truncated Chlamyphore of Chili)



1. *Megatherium Cuvieri*, Desm. 2. *Mastodon giganteum*, Cuv. (The Great Mastodon)
 3. *Anoplotherium commune*, Cuv.



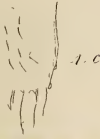
2. a



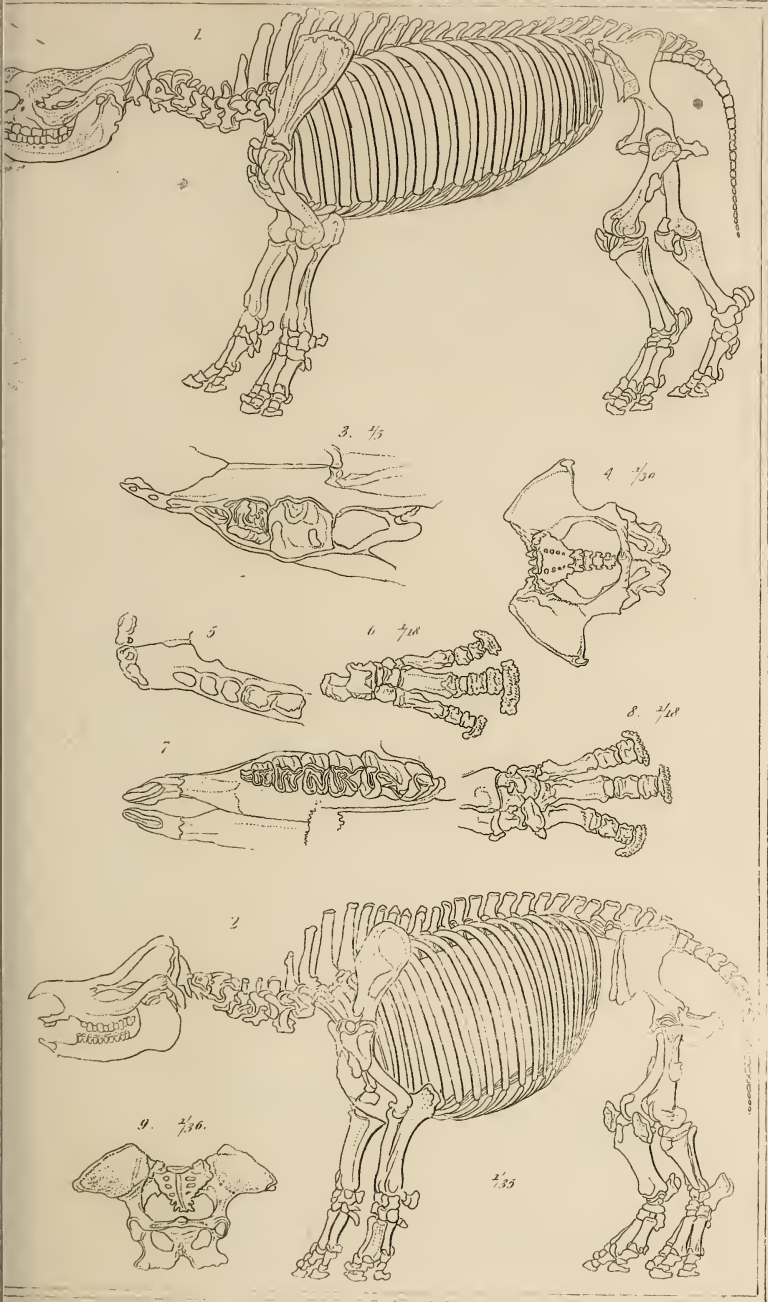
1. a



3



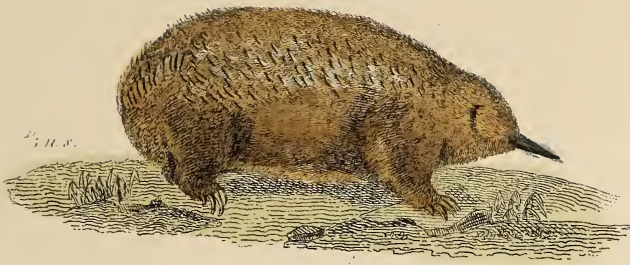
1. *Myiactopus capensis*. (The Cape Ground Hog) 2. *Myrmecophaga didactyla* (The Two-toed Ant-Eater)
 3. Head of the *Myrmecophaga jubata*. (Tanianoir) 4. *Manis tetradactyla*, Linn. (The Tamou Ina)



Skeleton of the Two horned Rhinoceros. 2. Skeleton of the skull of a Rhinoceros of Java.
 9. Anatomical details of the Rhinoceros (For further description see explanation of the plates of the
 1st of the Volume.)



1



L. H. S.

2. a



1. a



2. b



1. b



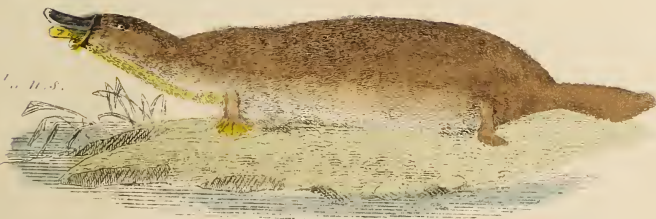
2. c



1. c



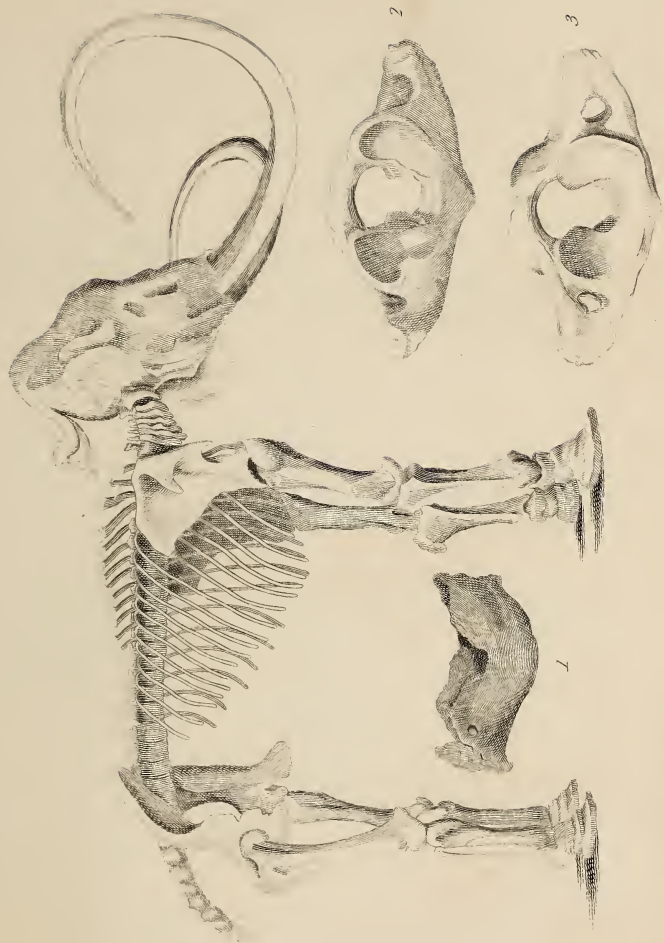
2



L. H. S.

1. *Reithrodon* (Linn.) *Das westliche Echinops*

2. *Onychomys leucogaster* (Linn.) *Das östliche Echinops*

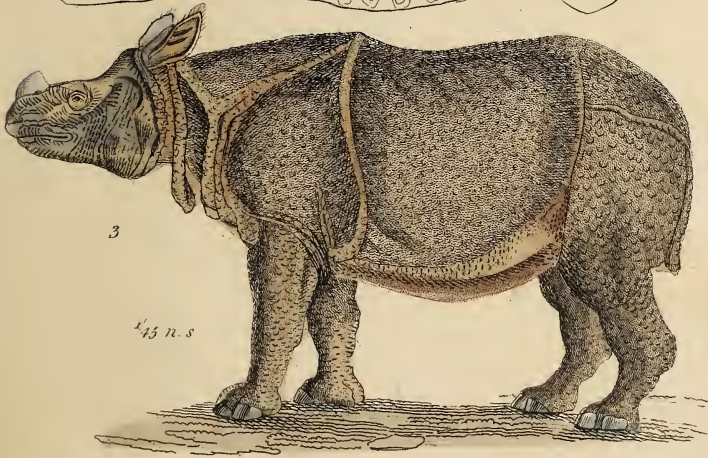
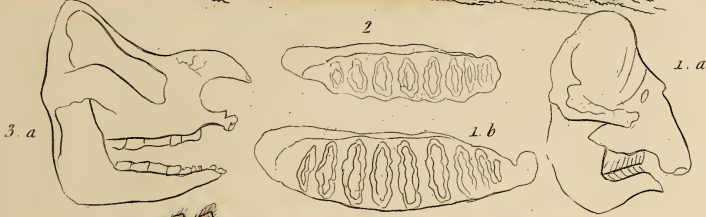
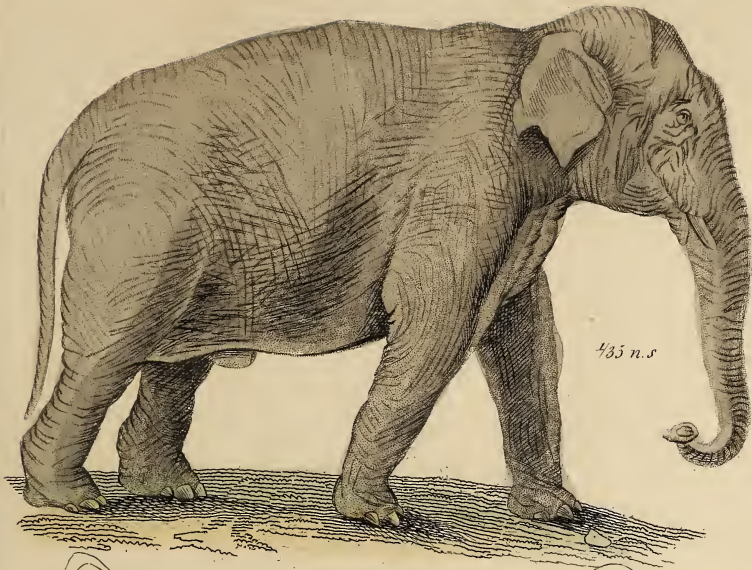


432 n. 5.

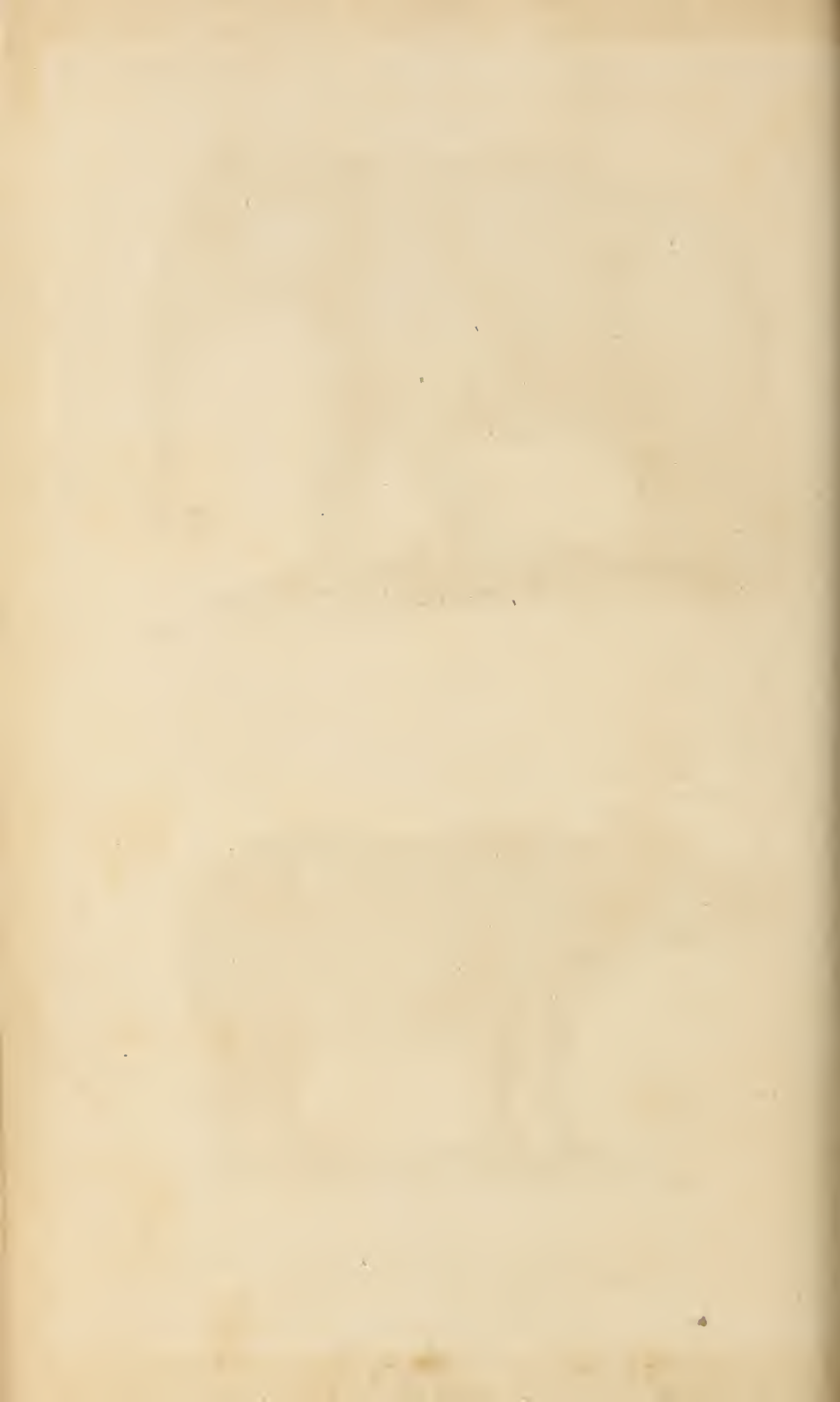
*Skeleton of the Indian Elephant,
or a nearly allied species in a fossil state, discovered in Siberia*

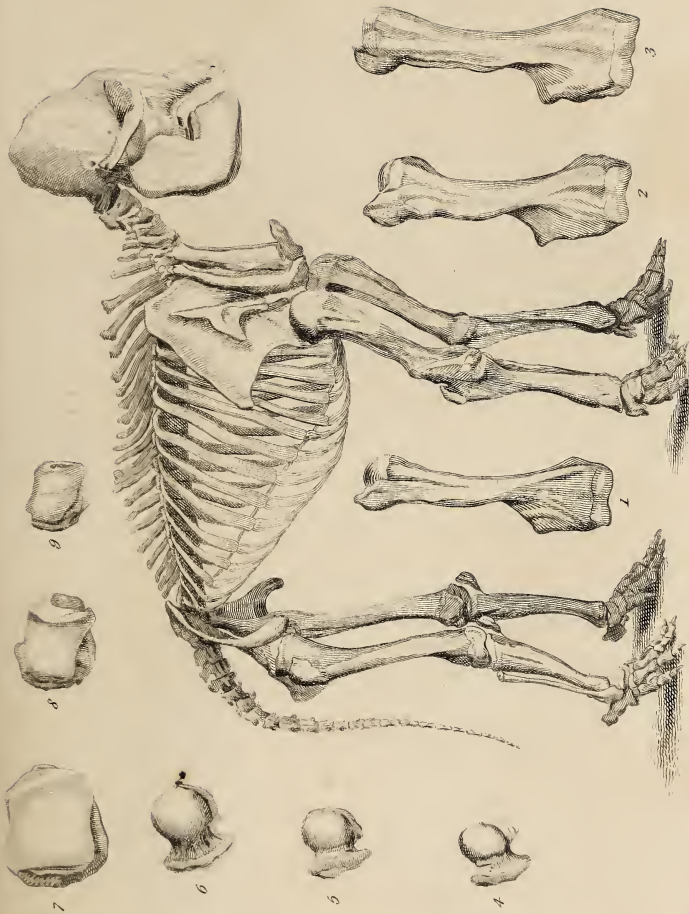
London: G. Henderson, 2, Old Bailey.

1



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





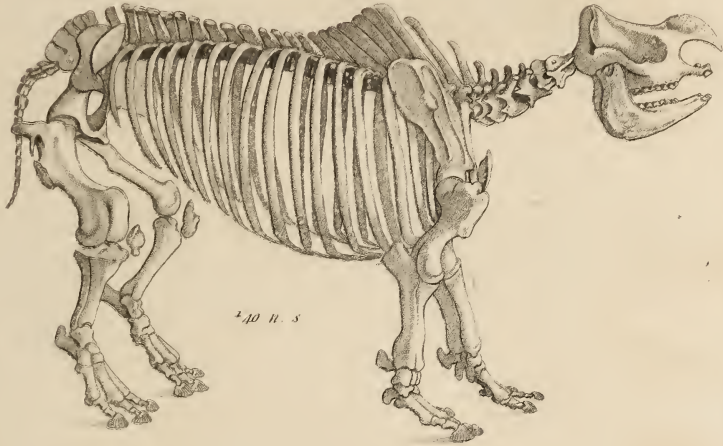
Skeleton of an extinct species of Elephant nearly allied to that of India. (For Description see Animal Kingdom, Vol. I. Page 132.)

London: G. Henderson. 2. Old Bailey.

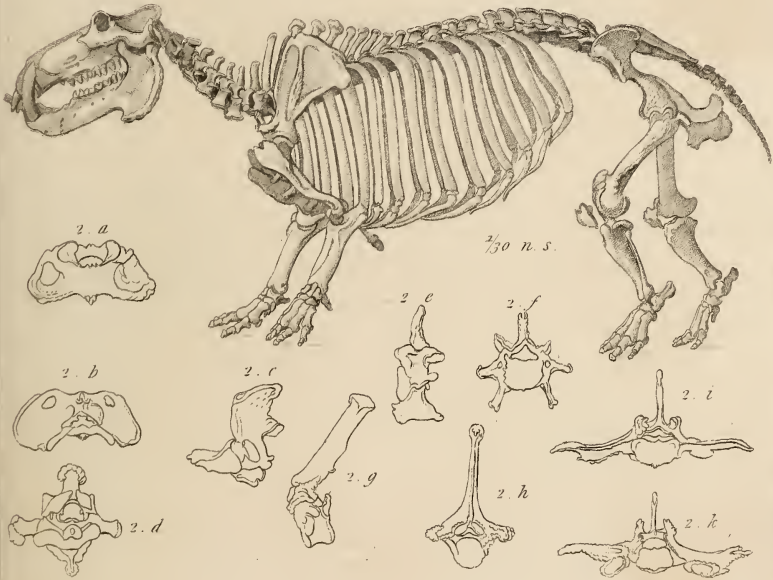


1. *Dicotyles labiatus* (The White lipped Peccary or Tajassou) 2. *Phacochæres Aethiopiæ* (The Hog of Ethiopia) 3. *Sus scrofa*. Var. of Siam. (The Wild Hog.)

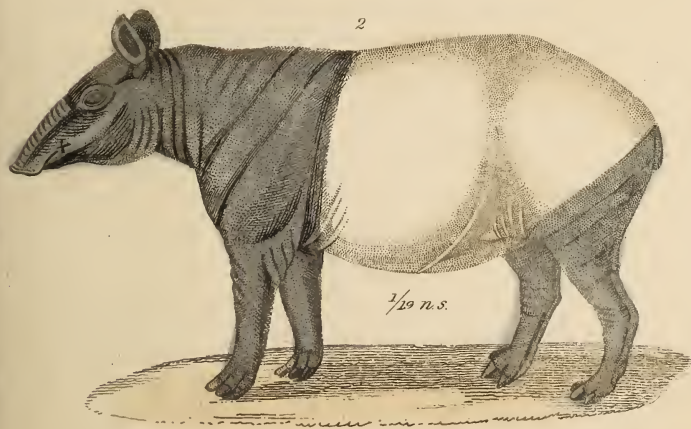
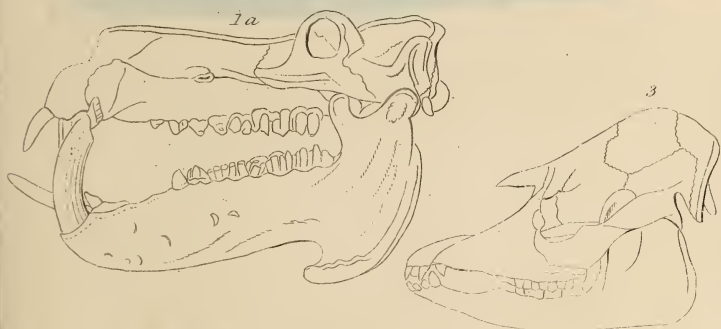
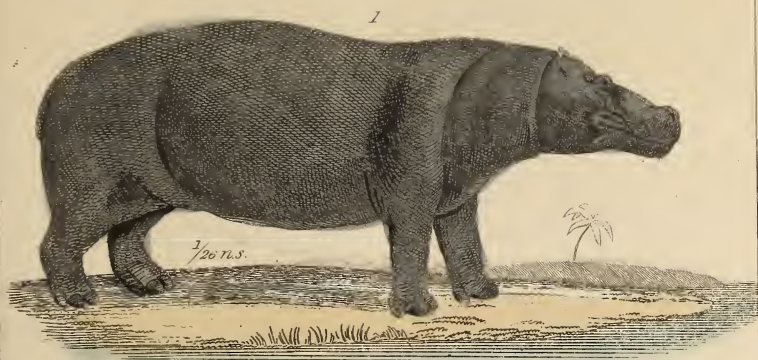
1



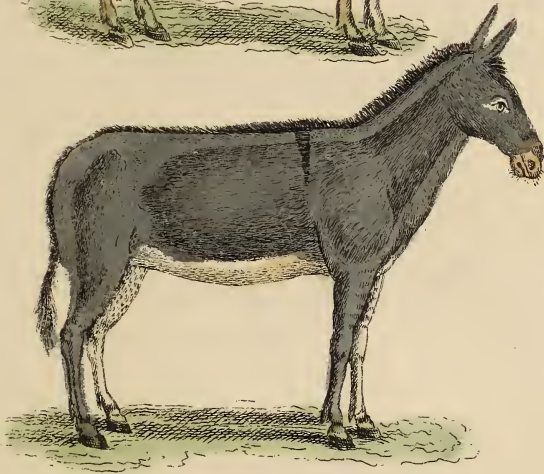
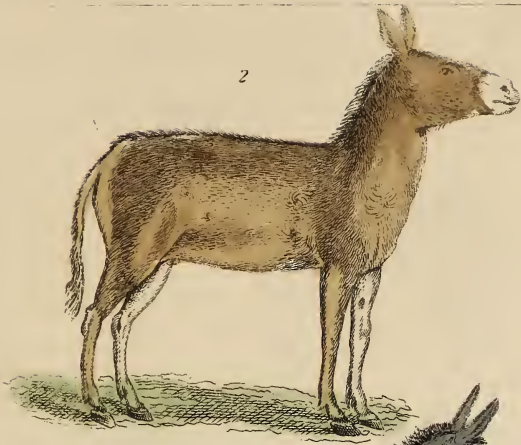
2



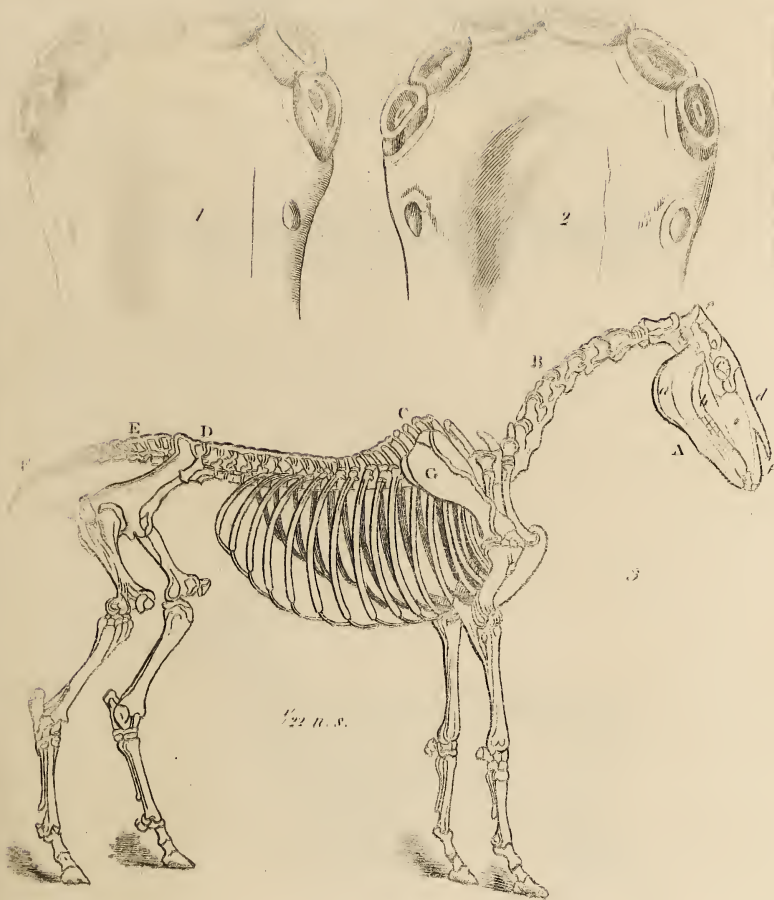
1. Skeleton of the *Rhinoceros unicornus*. (One horned or Indian Rhinoceros)
2. Skeleton of the *Hippopotamus amphibius* Lin. (The Hippopotamus)



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



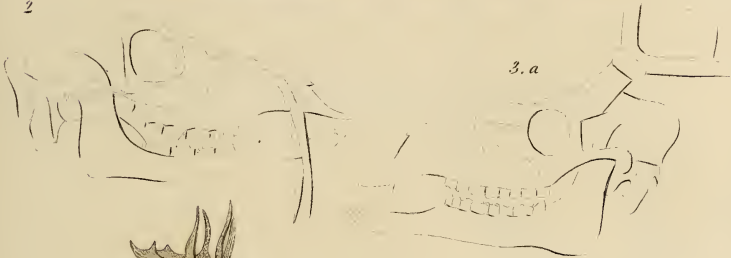
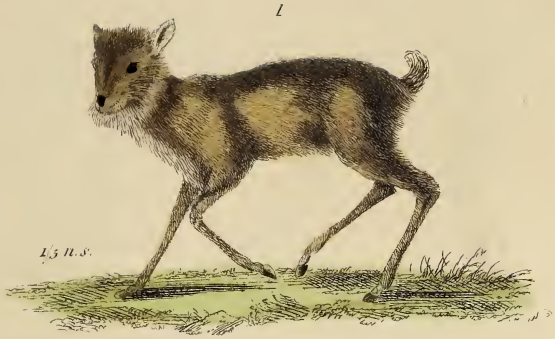
1. *Equus montanus* Burchell. (The Ouagga) 2. *Equus hebraicus* Pall. (The Dzigguetai)
3. *Equus zebra* Lin. (The Zebra)



1/22 n. s.



The teeth of a horse three years old. 2 The teeth of a horse four years old. 3 External structure of Equus (shall be called thus). A The Head. a The posterior maxillary or upper jaw. b The superior maxillary or upper jaw. c The lower jaw. d The setae descending the period. e is below from the coronal bone above. f The lower maxillary jaw. W The Seventh Cervical Vertebra. X The Eighth Cervical Vertebra. Y The Ninth Cervical Vertebra. Z The Tenth Cervical Vertebra. V The Eleventh Cervical Vertebra. G The Scapular or shoulder blade. 4 The teeth of a horse six years old.



1. *Moschus Eymarus*. Buff. (The Pigny Musk Ox) / 2. Head of *Moschus moschiferus*. (The Musk Ox) / 3. *Cervus virginianus*. (The Virginia Deer)



1

tarandus



2

elephas

1 Cervus tarandus L. The Reindeer 2 Cervus elephas L. The Red Deer

London G. Blandin del. Ch. Bishy sculp.



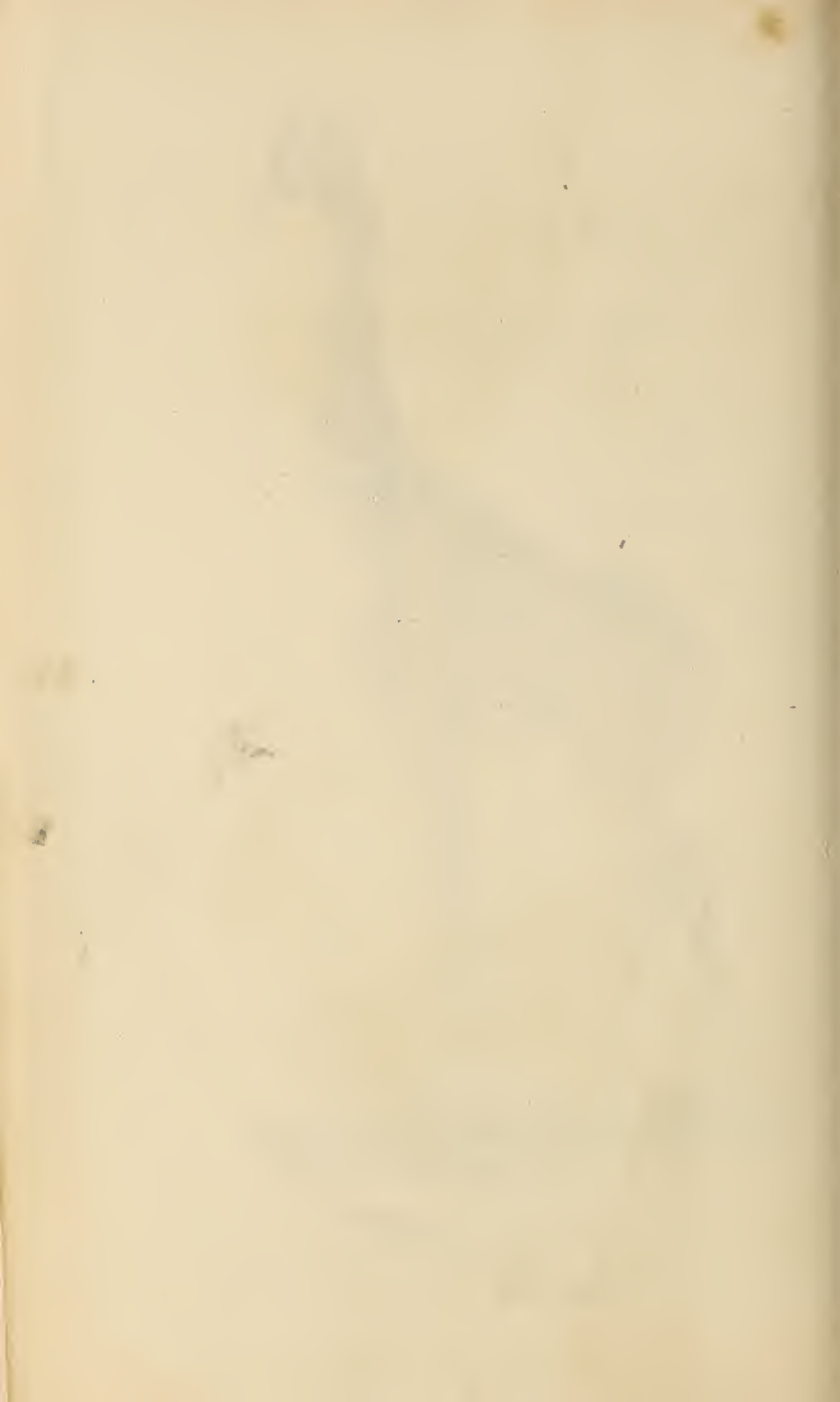
1/20 n.s.

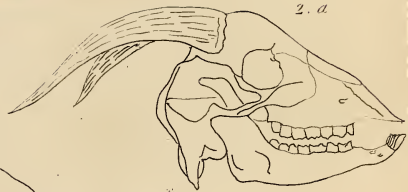
Cervus emuleus. (in The Elk)

London, G. Henderson, 2, Old Bailey

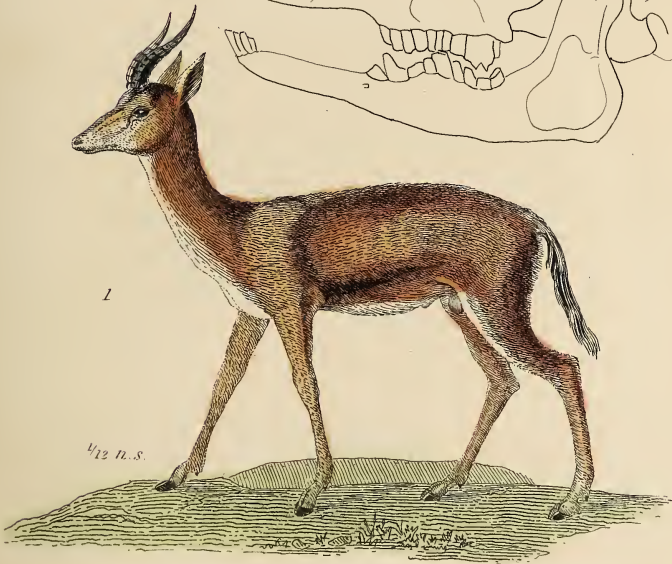
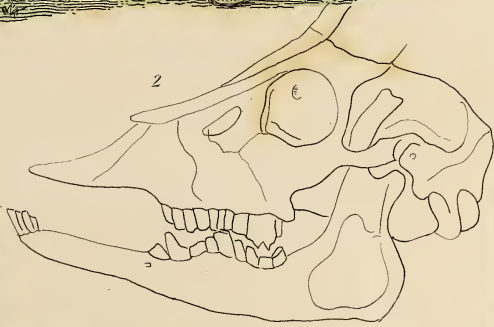
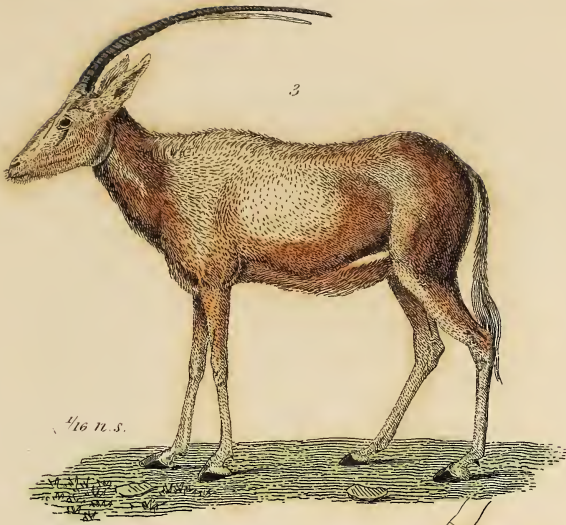


1. *Camelopardalis girafa.* (The Giraffe)





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



1 Antelope kevella, Gmel. *The Kevell Antelope*

2. Head of the Gazelle

3. Antelope gazelle, Lin. *(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

Engraved by G. H. Rindley

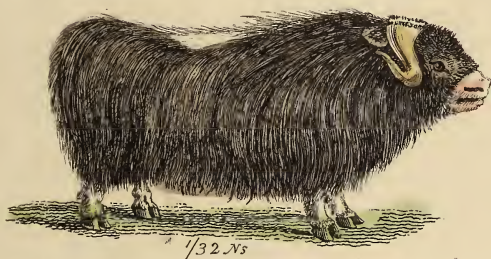


1. Head of the *Bos moschatus*. Male. for female figure see Mammalia Pl. 59. 2. *Ovis musimon*. Geoff. (The Mouflon of Sardinia) 3. *Ovis tragelaphus*. Lin. (The Mouflon of Africa) 4. *Bos urus*. Gm. (The Auroch)

1



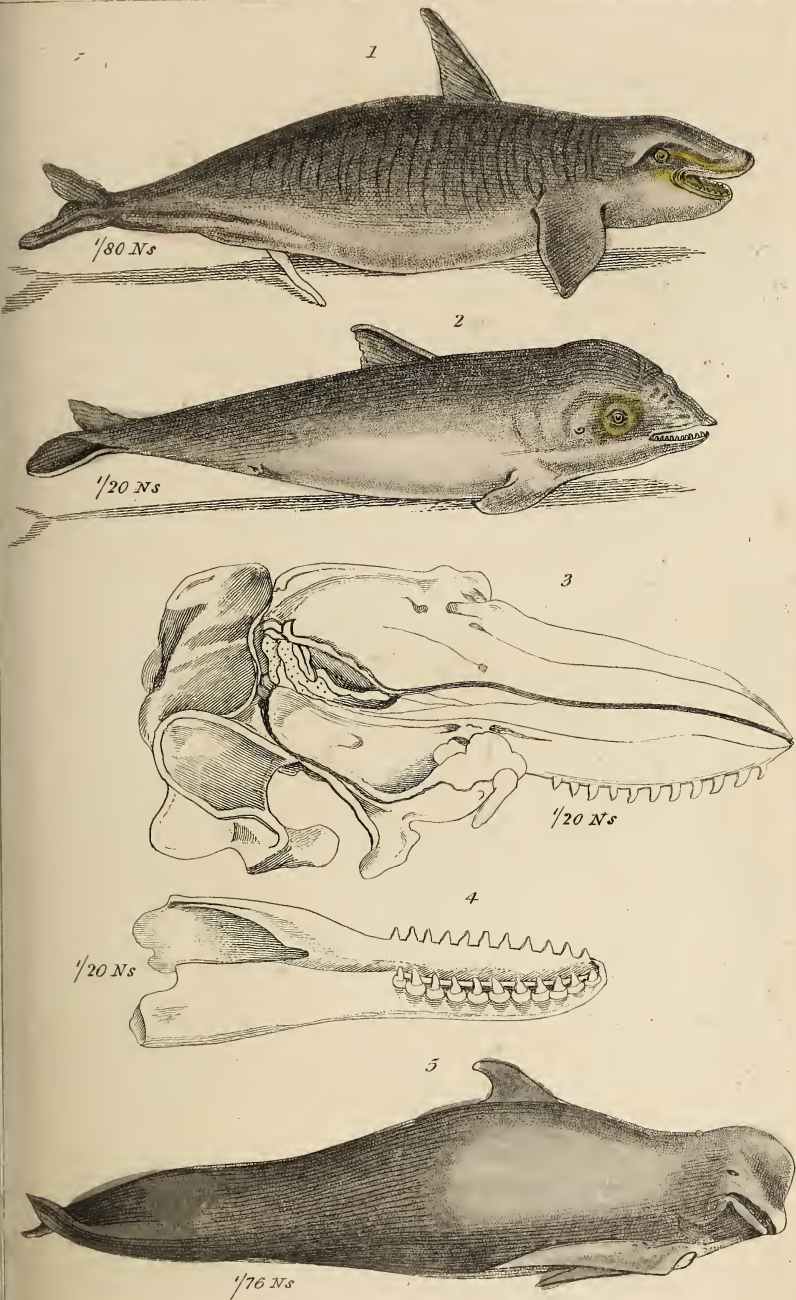
2



3

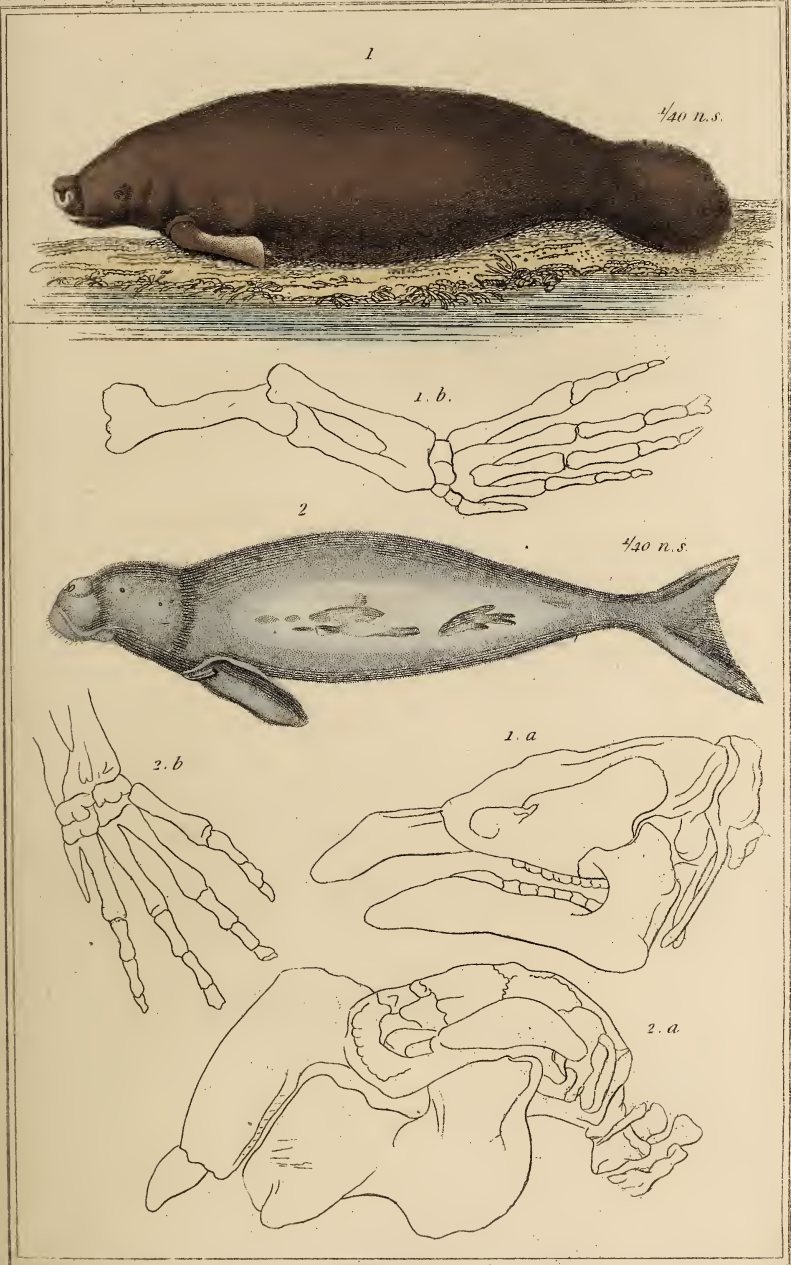


1. *Bos caprea*. Sparr. (The Cape Buffalo) 2. *Bos moschatus*. Sm. (The Musk Ox of America)
3. *Bos grunniens*. Pall. (The grunting cow of Tartary)



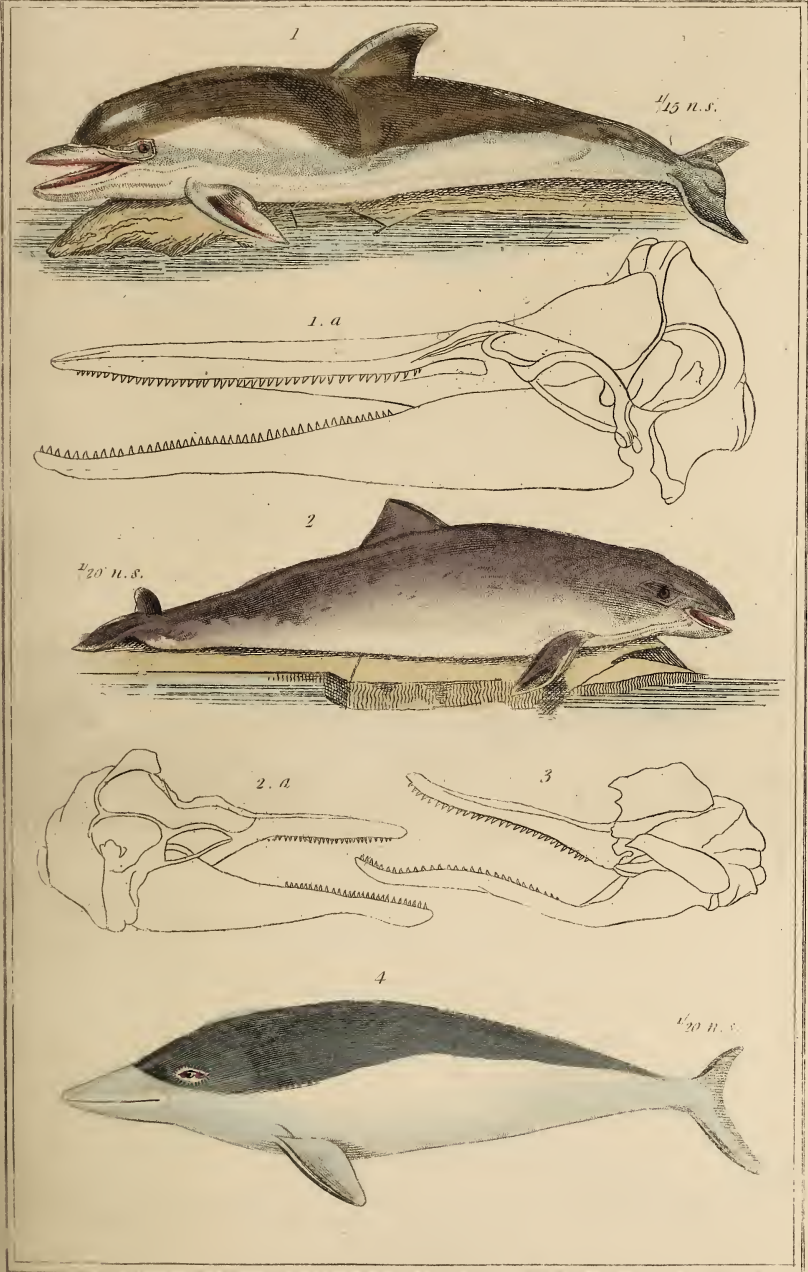
1. *Delphinus orca*. Laccp. (The Grampus) 2. *Delphinus capensis*. Duss. (The Cape Porpoise) 3. The brain & upper jaw of the *Delphinus orca*. 4. The lower jaw of the *Delphinus orca*. 5. *Delphinus globiceps*. Giv. (The round headed Grampus)

London, G. Henderson 2, Old Bailey.



1. *Manatus americanus*. Desm. (The American Lamantin or Sea Cow.)

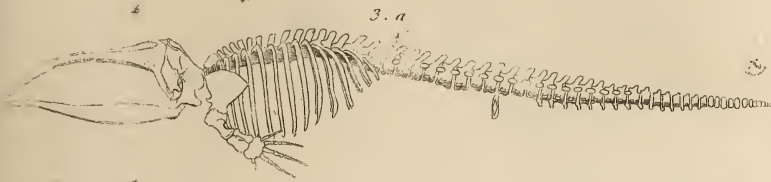
2. *Halicore dugong*. (The Dugong.)



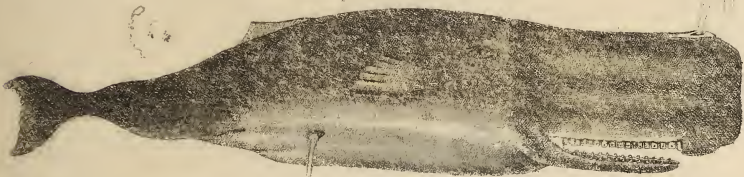
1. *Delphinus delphis*. L. (The Common Dolphin) 2. *Phocaena vulgaris*. (The Common Porpoise)
 3. Head of *Delphinorhynchus gangeticus*. Rox. (The Dolphin of the Ganges.) 4. *Delphinapterus leucoramphus*. Peron. (The South Sea Porpoise)



$\frac{1}{200}$ n.s.

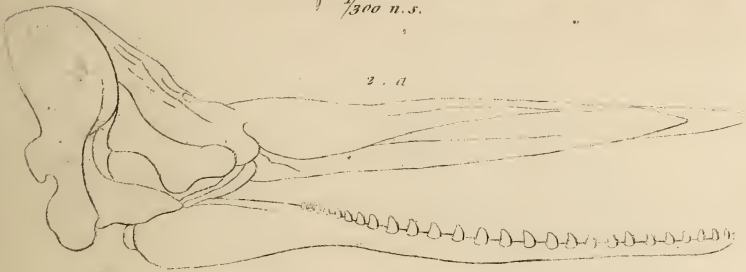


3. a



2

$\frac{1}{300}$ n.s.



2. a



1

$\frac{1}{66}$ n.s.

1. *Monodon monoceros*. L. Giv. (The Narwhal) 2. *Physeter macrocephalus*. Shaw. Giv. (The Cachalot or Spermaceti Whale) 3. *Balena mysticetus*. L. Giv. (The great Greenland or Common Whale)



1 *Vultur indicus*. *Sw.* (The Indian Vulture) 2 *Sarcocorax gryphus*. *Sw.* (The Gander or great Vulture of the Andes) 3 *Sarcocorax papa*. *Sw.* (The King of the Vulture's) 4 *Gypaetus barbatus*. *Sw.* (The Lamb's Vulture) 5. Head of the *Cathartes aura*. *Sw.* (The Turkey Buzzard)



1 Falco Fulvis Gm. (The Common Eagle.) 2 Neophala or Pernopteri Sav. 3 Falco Ossifragus Gm.
The Osseous Eagle.



1. *Falco communis* Gm. The Common Falcon. 2. *Falco novaehollandiae* White. The Goshawk of New Holland. 3. *Falco tinnunculus* Gm. The Gerfalcon.

London, G. Henderson 2, Old Bailey.



1. *Falco fementalis*. 2. *Aquila malaiensis*.
 3. *Astar xanthothorax*. 4. Head of the Gerfault.



1 Falco parisiensis, Lath. 2 Falco tinnunculus, Gm. 3 Falco tinnunculus, Daud.



1. *Nauis furcata* (The fork tailed Kite) 2. Head of the *Venus cristata* (The crested Honey buzzard of Java)
 3. *Buteo jaskul* (The Row noir or Jackal buzzard) 4. *Serpentarius cristatus* (The crested Secretary or snake eater)



1. *Buteo cristatus* Guvr. The Honey Buzzard of Java. 2. *Falco pennsylvanicus* Wils. The American Sparrowhawk. 3. *Buteo albicaudatus* Vigl. The White-tailed Buzzard.

London G. Henderson. 2. Old Bailey.



1 *Haliaeetus L.* The Osprey 2 *Harpyia Ferox* - The American Harpy 3 *Caracara Vulgaris* The Common Caracara.

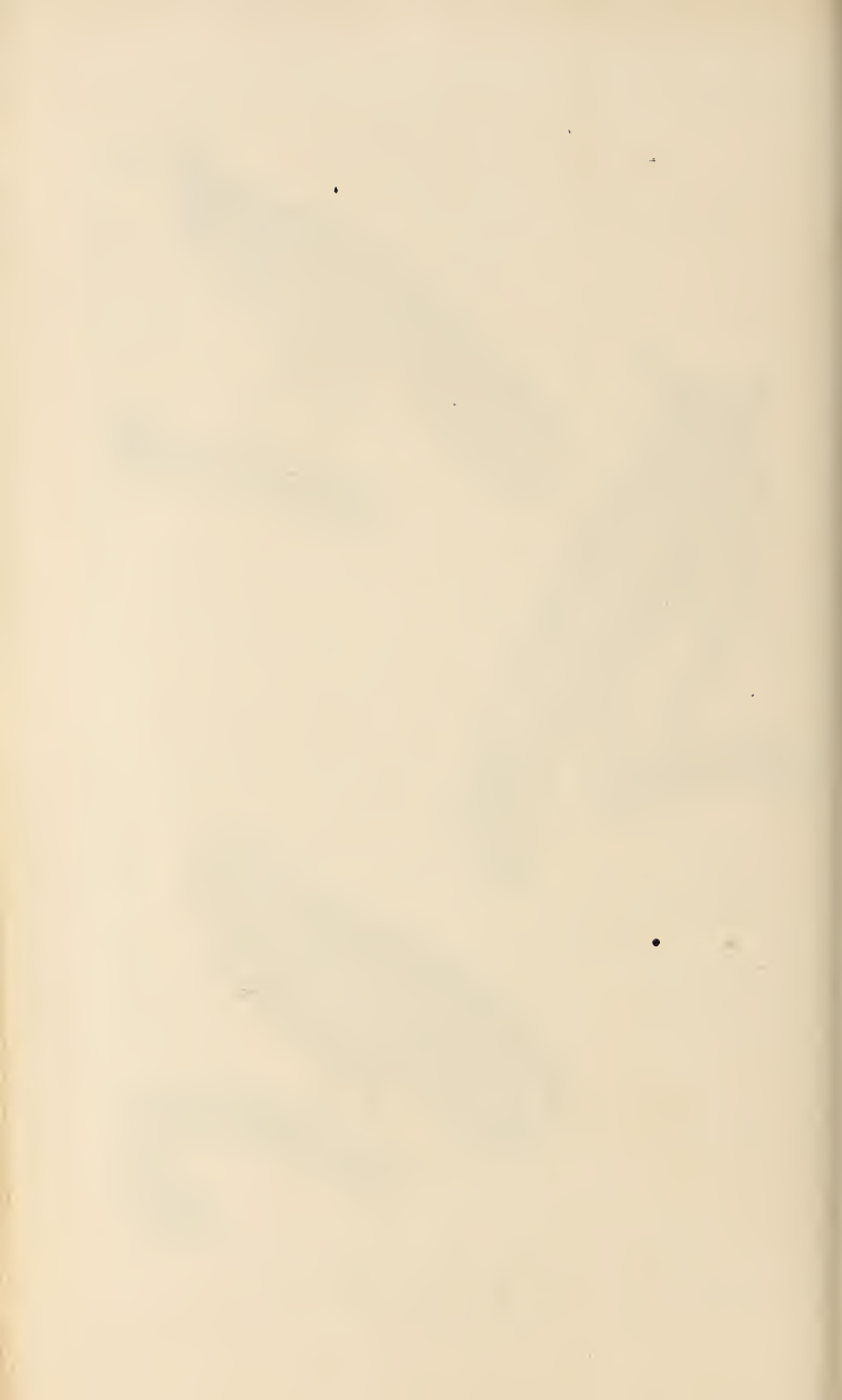


1 *Harpyia Maxim-a viellott*. The Great Harpy 2. View of the Head and Face of Fig. 1. 3. *Falco Guianensis Daud.* The Small Eagle of Guiana.



1. *Falco palmarum* (Sw. Pr. Mex.) 2. *Strix lubo.* Ed. The Great Owl

3. *Syrnium uluco* Lin





1 *Otus macrochelys* Tem. The large-eared Owl. 2 *Strix flammea* L. The flame-colored owl.
 3 *Scops asio* Tem. The Village Owl.



1. *Bubo Virginianus* (the Virginian Owl.)
2. *Noctua ululans* (the Screeching Owl.)
3. *Scops vulgaris* (the Common Scops eared Owl.)

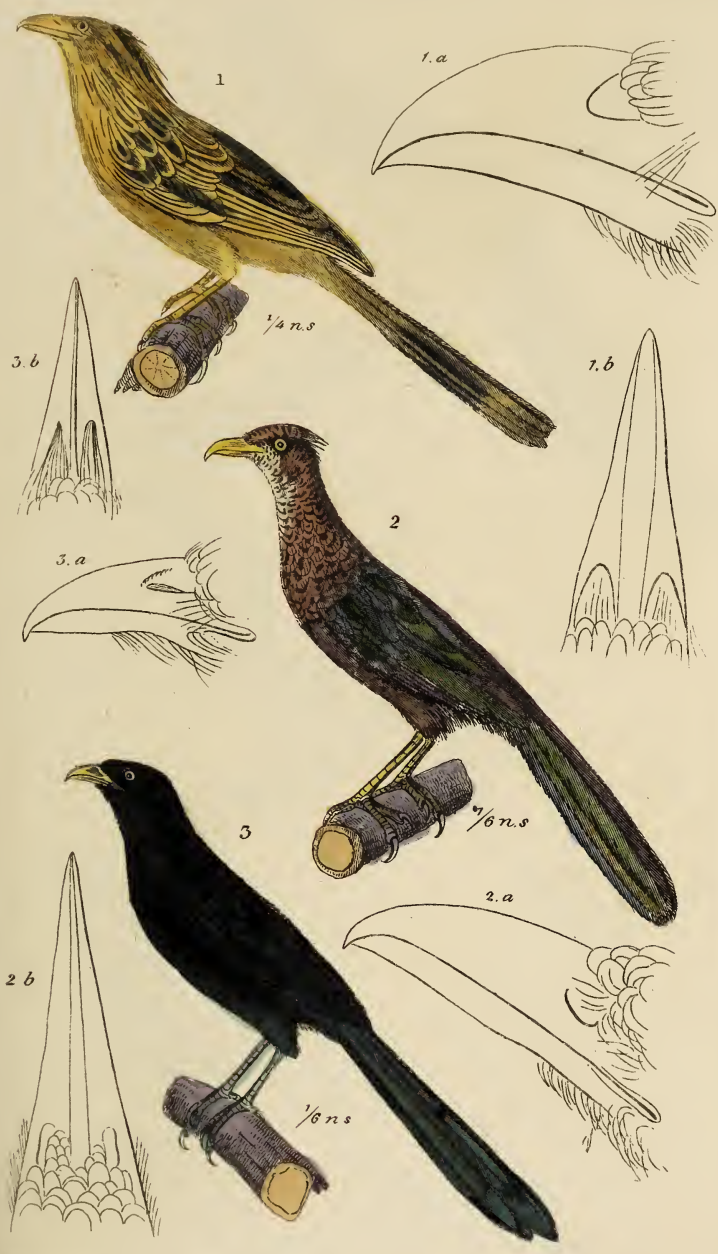
London. G. Henderson 2. Old Bailey.



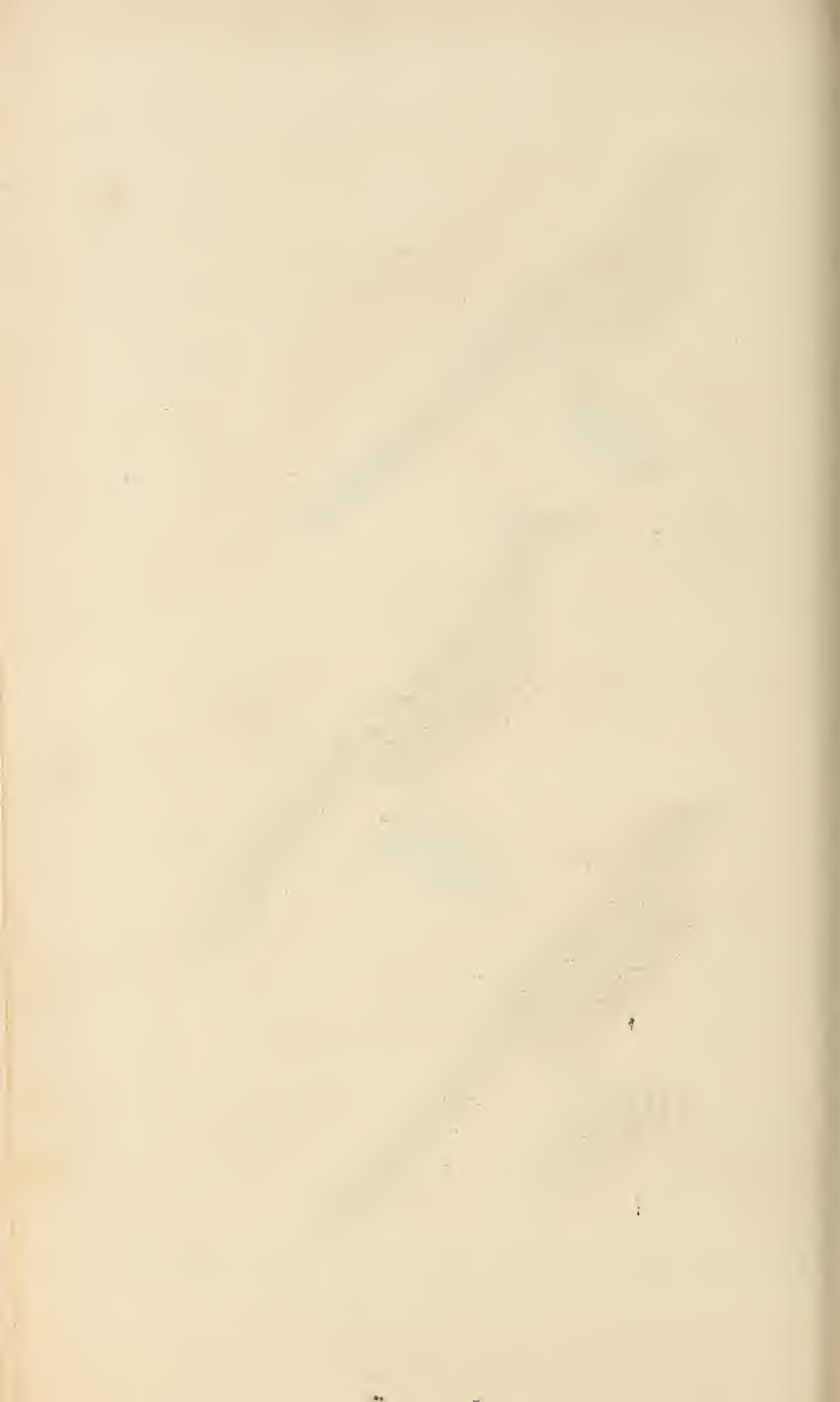
1 *Edolus rufus*. (Lanius Shaw) (The Malabar Shrike)
 2 *Phyalura flavirostris*. (The Brazilian Yellow Bill)

London G Henderson 2 Old Bailey



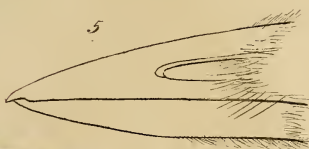
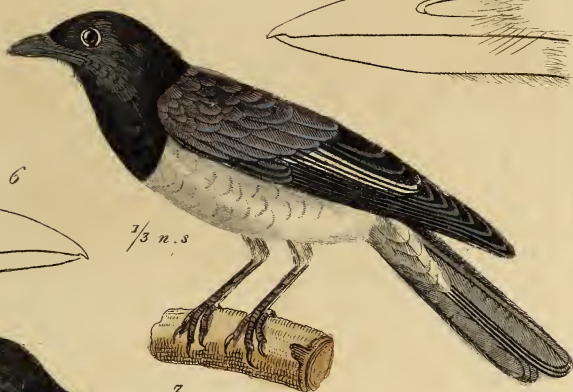


1. *Cuculus guina* (The spotted Cuckoo) 2. *Coccyzus Groffignyi* (The couas Cuckoo)
 3. *Centropus menebiki* (The lark-tailed Coucal)





1. *Coccyzus cristatus* Vieillot The Couas. 2. *Cuculus canorus* Lin. The Common Cuckoo.
3. The Bill of the *Sautothera vouldi* Vieillot. 4. *Indicator minor* Vieillot The Indicator



1. *Lanius collaris* (the collared Shrike) 2. *Graucalus melanops* (the dark eyed Choucari) 3. *Burina Strepera* (the Norfolk Island Waker) 4. Bill of the Yellow Plutcher bird 5. Bill of the Green Bird of Paradise 6. Bill of the Azure Butcher-bird 7. the Bill of the Swallow winged Shrike 8. Bill of the Magpie Shrike



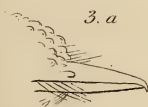
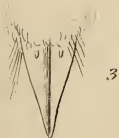
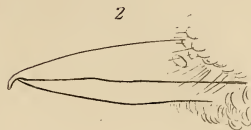
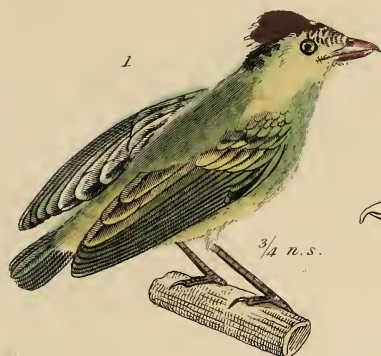
1 *Onychoprion fuscatus* Fall 2 *Sterna fuscata* Man 3 *Sterna fuscata* Temm



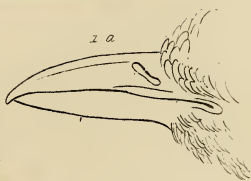
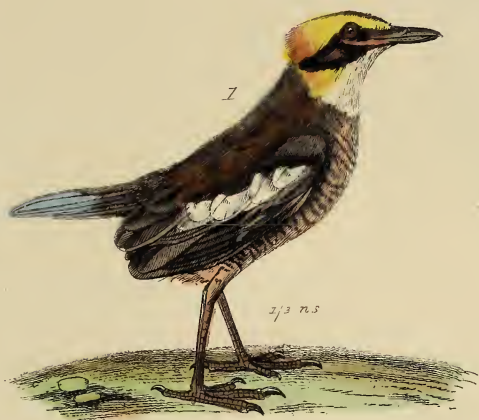
1 *Parus (Lagotis) caudatus* 2 *Hylocichla ustulata* 3 *Lanius Cayanus* (Aud.)



1. *Gymnocephalus capucinus*. L. 18. 2. *Ampelis cotinga*. L. 3. *Musciapa paridisi*. Gm.
The Flycatcher.



Pardalotus cristatus, Will. (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 *Cyanocephalus calvus*, Lin. (The Bald Tyrant) 6. Bill of the *Platyrhynchus cavernus*, Tem. (The hood-billed Fly catcher) 7. *Cephalopterus ornatus*, Geoff. S. 161 (The ornamented Cephalopterus)



- 1. *Myothera superciliosa* (the supercilious Ant catcher)
- 2. *Cinclos vulgaris* (the Common Water Thrush)
- 3. *Philedon carunculatus* (the carunculated African Thrush)

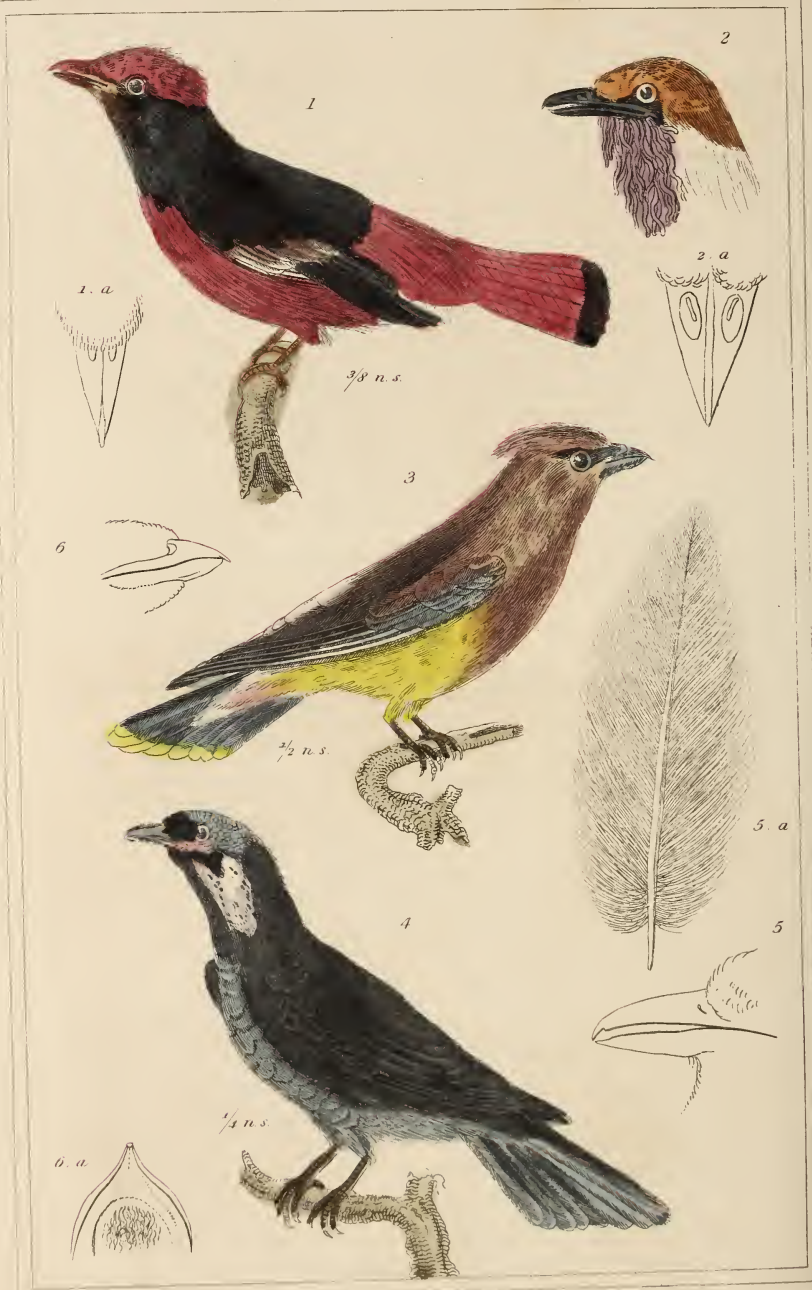
London C. Henderson del.

$\frac{2}{11}$ n. s.



Struthio camelus (Ostrich of the Eastern Continent.)

London G. Henderson 2. Ald. Bury.



1 *Amphispiza bilineata* (The Basher Chatterer) 2 Head of the *Procinus aeneus* (The variegated Chatterer)
 3 *Bombicilla cedrorum* (The Chatterer of the Cedars) 4 *Cyanodestes maculosa* (The bare-necked Chatterer)
 5 Spiny rump feather & bill of *Coccyzus erythrophthalmus* (The African Green-bird) 6. Bill of the *Troglodytes aedon*
 (The Swallow Crown-bird)



1. *Tanagra mexicana* Gm. 2. *Ampelis garrulus* L. The Bohemian Chat. 3. *Turdus palmarum* Gm.



Tanagra magna 1. The Crossbills Tanager. 2. Turdus merula. 1. The European Blackbird.
3. Tanagra jacapa. im.

Letting to the downy ? Old Birdy.



1



2



3

1. *Ornithopsis palmeri* G. 2. *Ornithopsis palmeri* G. 3. *Ornithopsis palmeri* G.

3. *Ornithopsis palmeri* G.

Ornithopsis palmeri G.



1.



2.



3.

Manacus corydon Temm. 2. *Pipra pectorata* Endl. The Manakin. 3. *Emberiza citrinella* Linn. The Yellow Bunting.



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



1 *Ficedula sialis*. (The American Stear-chut) 2. *Certhia subalpina*. (The *Certhia* of the lesser Alps) 3. *Regulus ignicapillus*. A. Bill of the *Accipiter alpinus* Bechst. (The *Accipiter* of the Alps) 5. Bill of the *Saxicola rubicola* Lin. (The Mill-clapper)



1. *Alda apata* Vieill. (The Bateleuse) 2. *Parns biarvicus*. (The Bearded Titmouse) 3. Head of the *Parns caruleus*. (The Blue Titmouse) 4. *Pyrgita ciris*. (The Lark Bunting) 5. Bill of the Lemiz. (The Pendulous Titmouse) 6. Bill of the *Alanda calandra*. (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 *Vidua longicauda* Gmel. (The long-tailed Widow) 2. Bill of the Common Gros-beak. 3. Bill of the *Pitylus canadensis*. (The Canadian Grosbeak) 4. *Pyrrhula vulgaris*. Briss. (The Common Bullfinch) 5. Bill of the *Loxia curvirostra* Lin. (The Cross-bill) 6. Bill of the *Corythus caudator*. 7. *Celina leucenotus* Lath. (The Coley) 8. Bill of the *Buphaga africana*. (The Beef-eater)



1 *Lulabes javanus* Vieill. The Javanese Grackle. 2 *Gracula pagodarum* Vieill. The Martin.
 3 *Pyrrhocorax alpinus* The Alpine Crow. 4 Bill of the *Manorhina varidis* The Green Bee Eater.



1 *Anahates superciliosus*. (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)

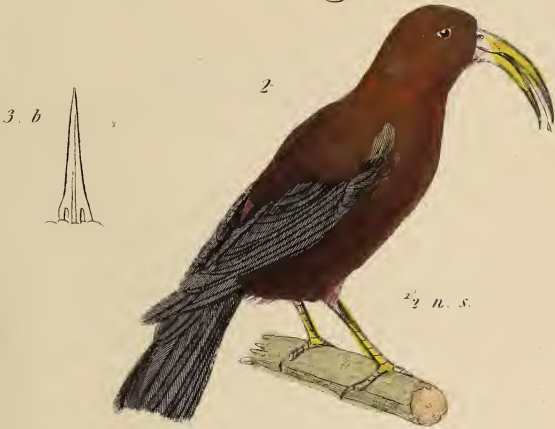


1. Oriolus coudougnan. Vaill. (The Coudougnan of India.)

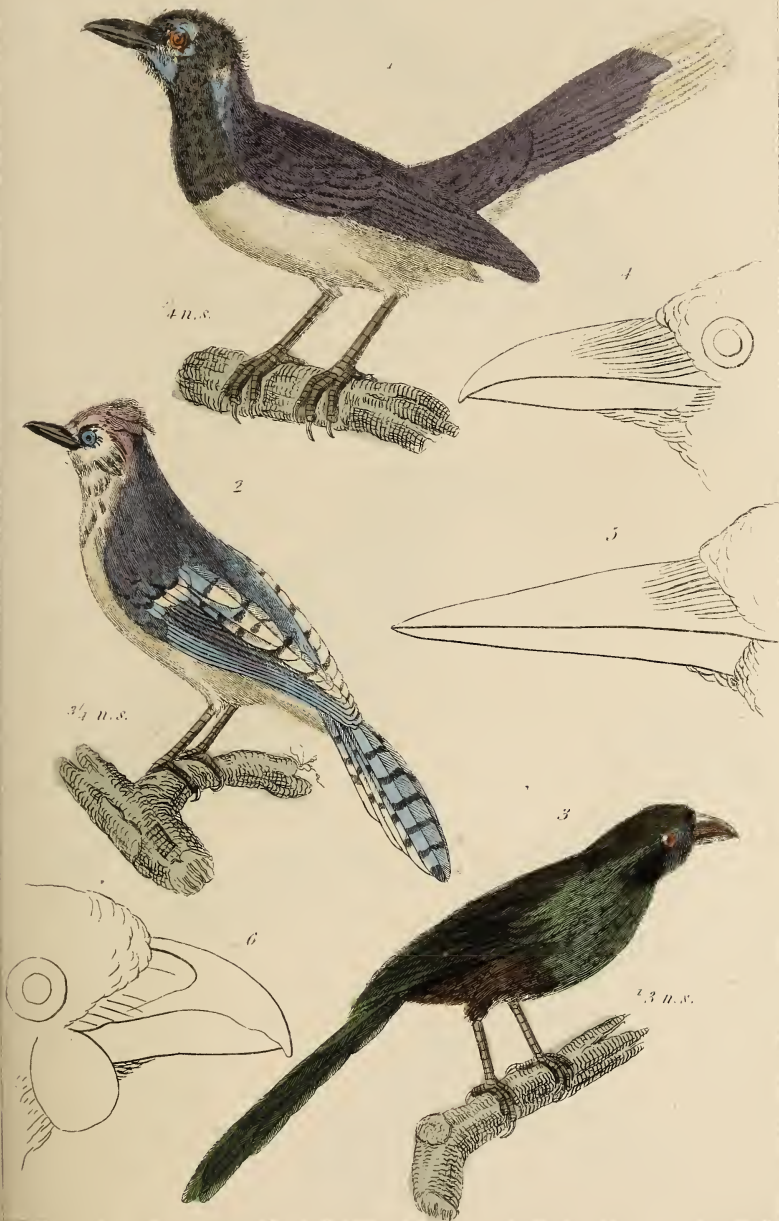
2. Memura lyra. Vieill. (The Lyra Bird or Superb Memura.)



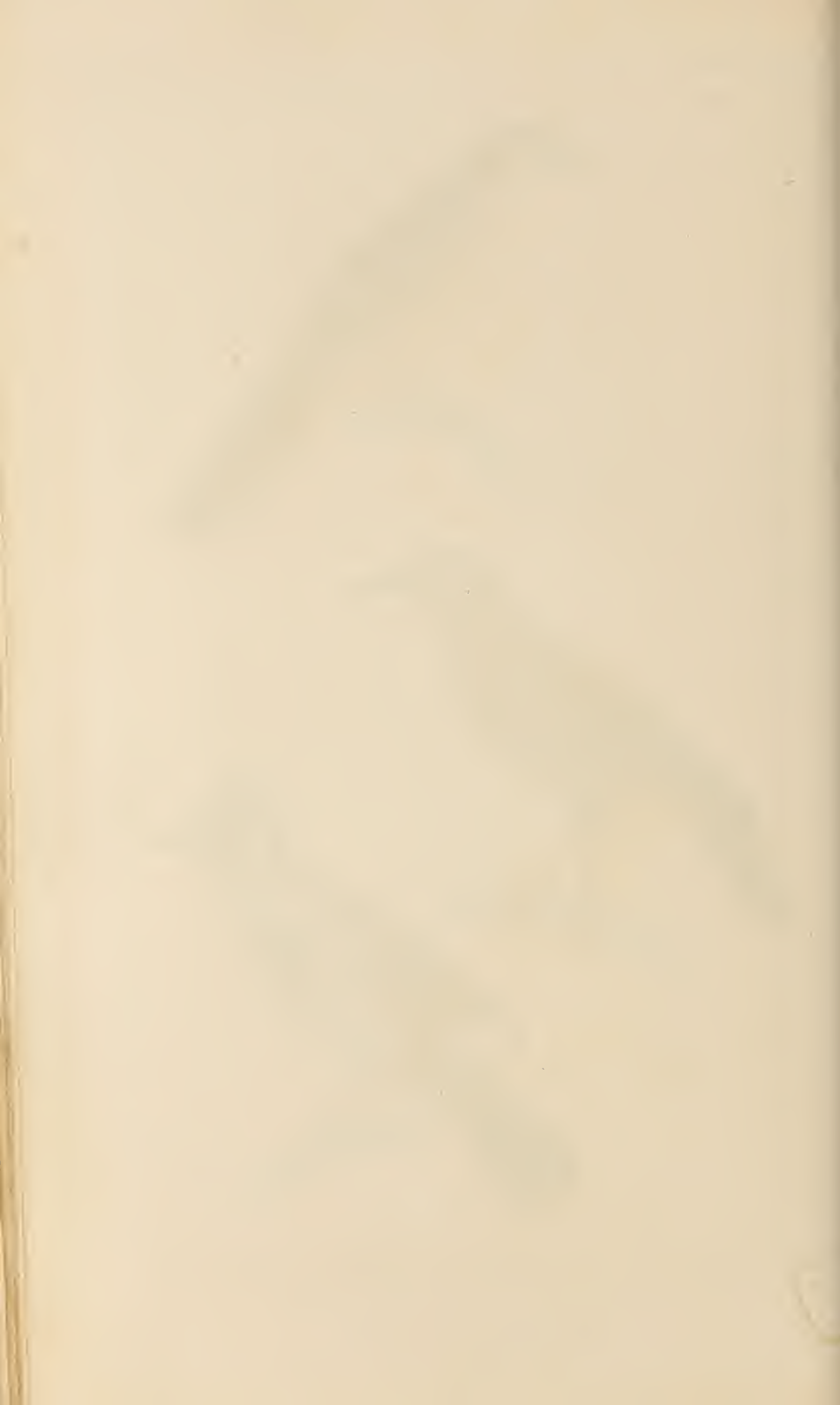
1. *Motacilla alba*. / *The Wheat-ear*. 2. *Motacilla lusciniæ*. / *The Nightingale*. 3. *Sylvia subalpina*. *Bonelli*.



1 *Dicaeum erythronotus* Vieill. (The Scarlet backed Creeper) 2 *Molothreptus vestiarinus*. (The Scarlet Feathered Creeper) 3 *Cinnyris solaris* Tem. (The Sun Creeper) 4 Bill of the *Arachnothea longirostris*. Tem. (The Long-billed Creeper)



1. *Pica chrysops* (The crested Jay) 2. *Garrulus cristatus*. The blue Jay of Catesby. 3. *Temia variabilis*. The variable Pie. 4. *Corvus splendens*. Bill of the splendid Jay. 5. *Caryocatactes nigrifrons*. 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 Cock of the Rock) 2. *Pipra erythrocephala*. (The Yellow headed Manakin)

3. *Erythrornis macrorhynchus*. (Linnaeus Todus.)



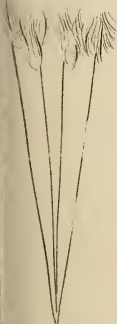
1. *Hirundo* *maritima* Temm. / The Swallow. / 2. *Caprimulgus* *europaeus*. / The European
 Martinet. / 3. *Hirundo* *urbica* Lin. / The Swallow.



2. a

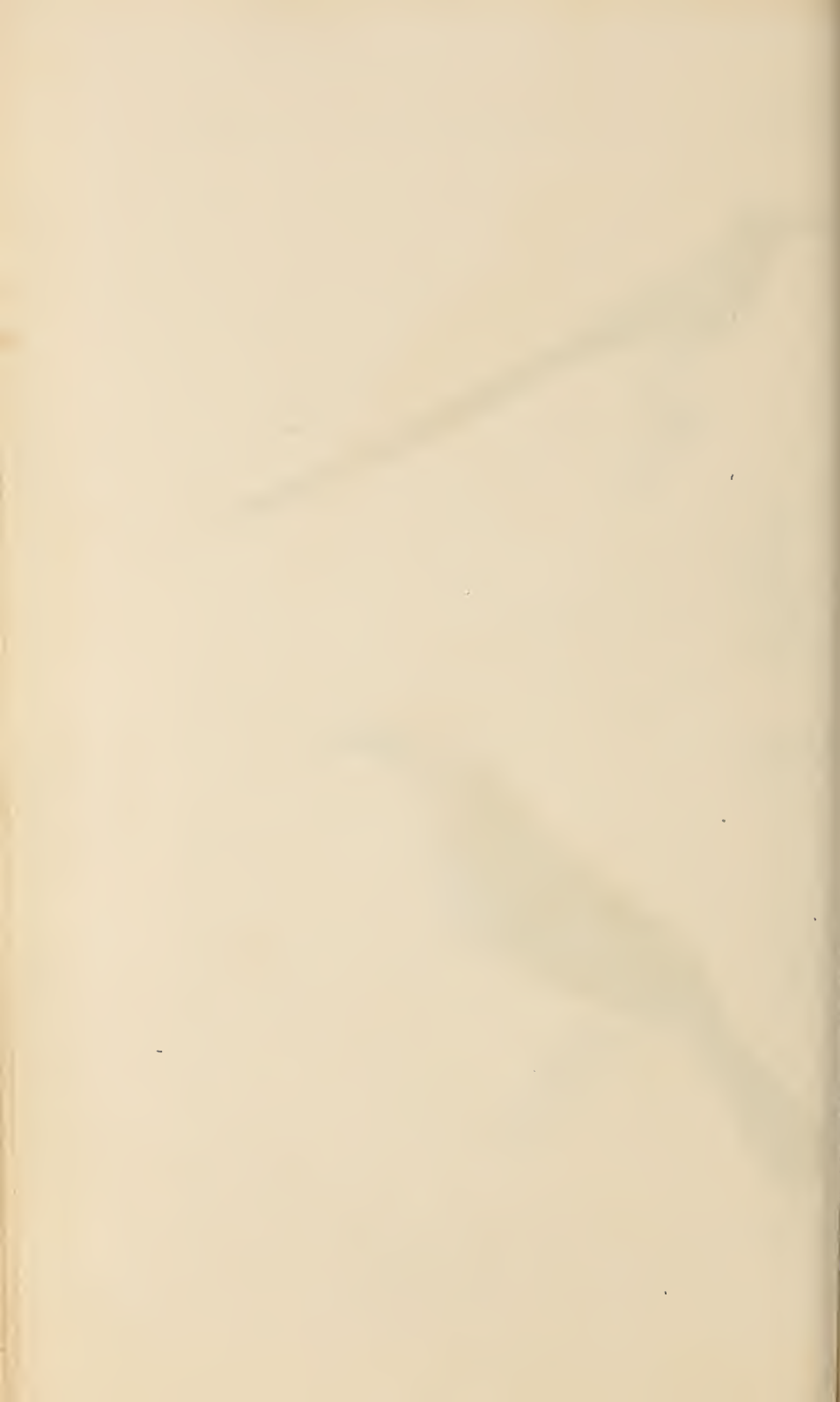


2. b



1. *Merops amictus*, Tem. (The Green Bee Eater)

2. *Priamites brasiliensis*, Illig. (The Brazilian Saw-bill)





- 1 *Coracias bengalensis* Gmel. The Bengal Roller
2 *Colaris garrula* Gmel. The Garrulous Roller



Loxia nucleator. Lin. (The Pine Grosbeak) / 2. *Loxia coccyzoides*. Lin. (The common Grosbeak)
3. *Loxia curvirostra*. Lin. The Crossbill!



1 *Certhia familiaris*. L. (The Common Creeper) 2. *Dendrocolaptes fulcirostris*. (The Hook-billed Woodpecker)
 3. Bill of the *Dendrocolaptes nasican*. Vieill. (The Nasican Woodpecker) 4. Bill of the *Dendrocolaptes procurus*.
 Tem. (The Red billed Woodpecker) 5. Bill of the *Tychodroma muroria*. L. (The Wall Creeper) 6. *Nectarinia borboni*
 ca. (The Guitquit)



1. *Upupa superba*, Lath. / *The Splendid Puff* 1. 2. *Dendrocolaptes communis*, Gm. / *The Woodpecker* 1

3. *Dendrocolaptes procurvus*, Temm.



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

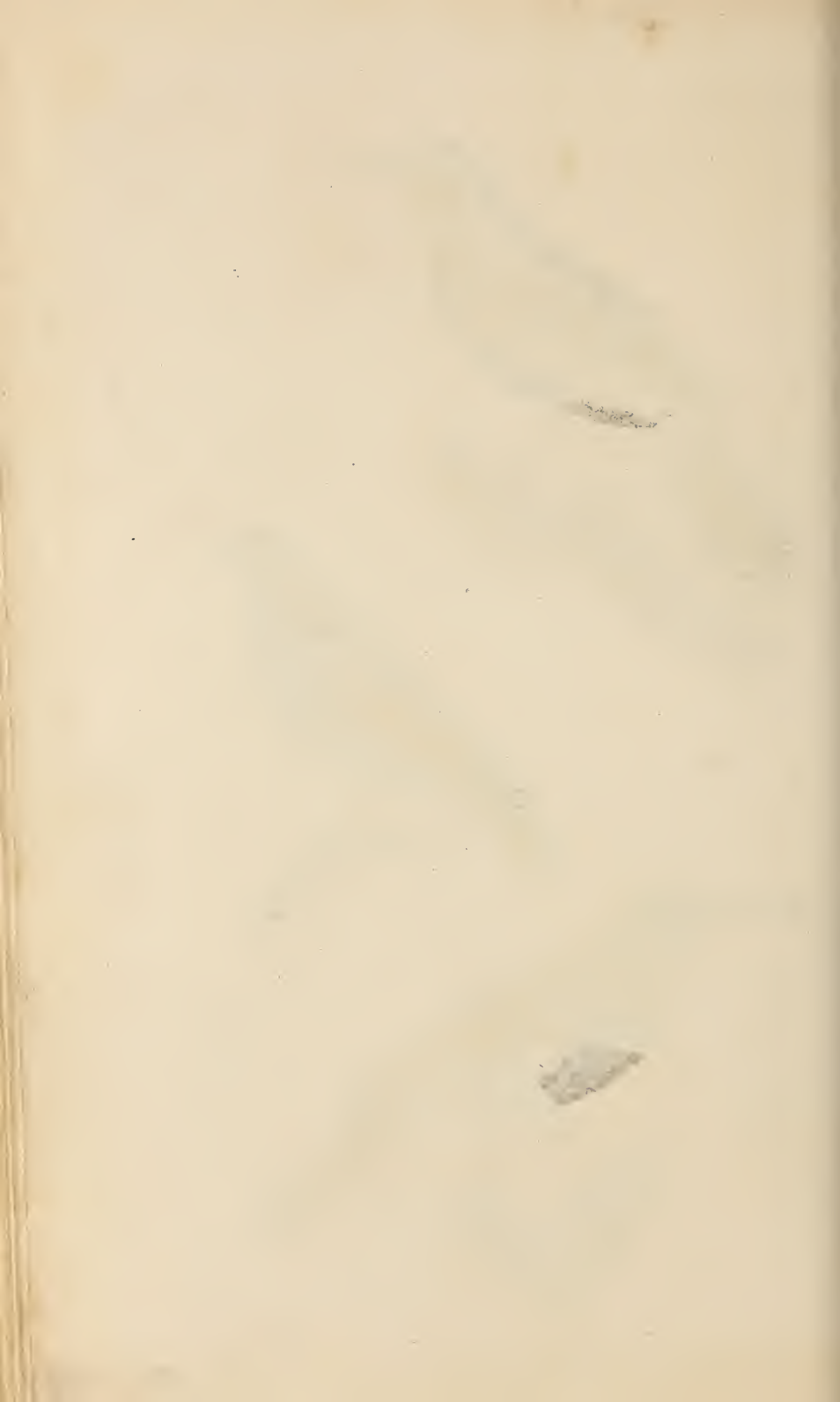
London, G. Henderson, 2, Old Bailey.



1 *Sturnus vulgaris* L. The Common Starling. 2. *Colinus Madagascariensis* The Madagascar Roller. 3. *Oriolus cristatus* Gmel. The Cassique.



Oriolus Sacamarcii Gmel 1. *Motacilla Cayana* Gmel The Lupt. 3. *Cinnerys Senagalensis*

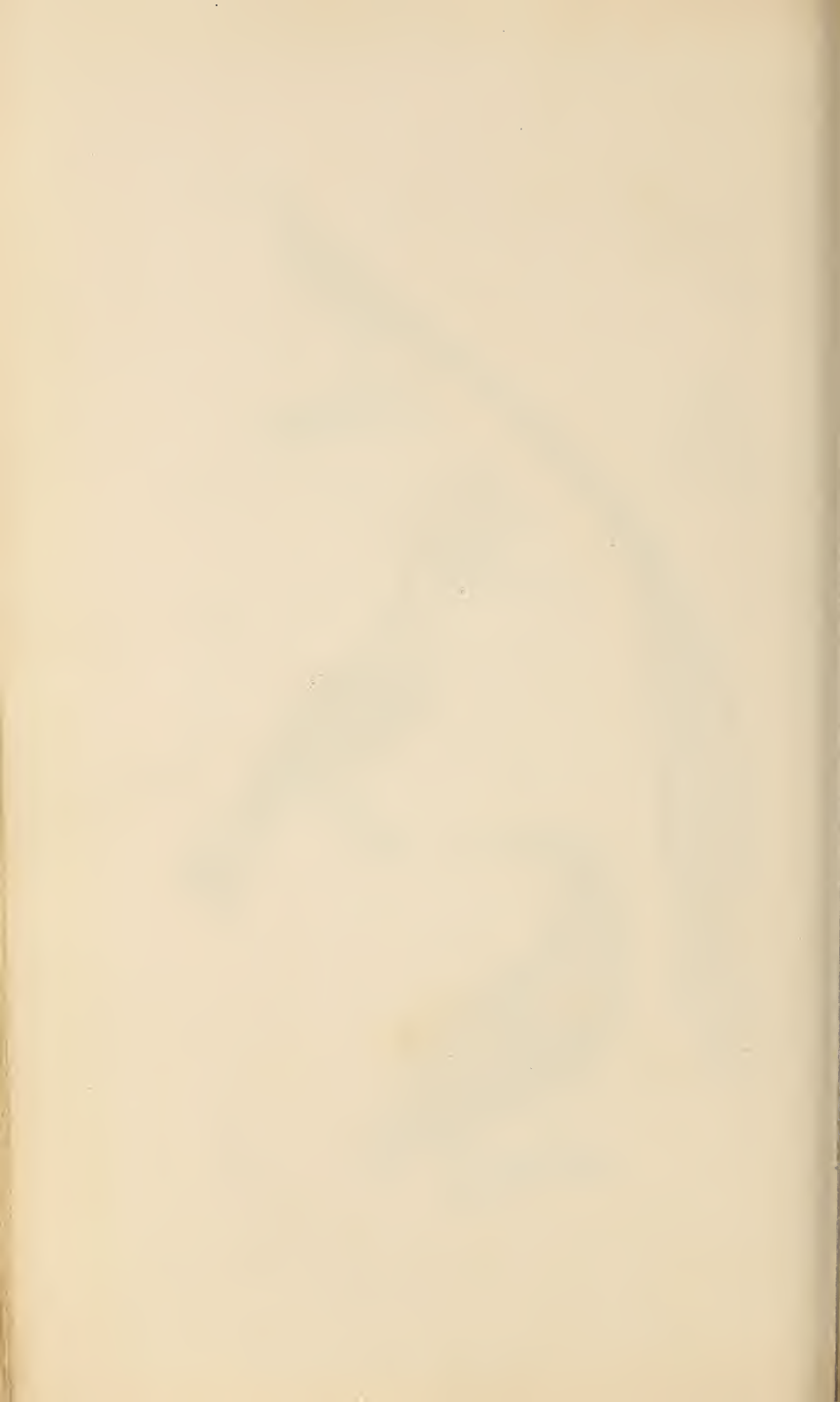




1 *Xanthornus parvirostris*. Gmelin. 2 *Oxyrhynchus flammeiceps*. 3. *Sturnus ruber*. Gmelin.
 4. Bill of the *Cassicus hamorrhous*. 5. Bill of the *Icterus niger*. (The Black Icterus)
 6. Bill of the *Dacnis cayana*. (The Cayenne Dacnis)



1. *Upupa episcopus* (The Hoopoe) 2. *Promerops cafer* Ent. The Zeylanica Hoopoe.
 3. *Epimachus saugata* (The Splendid Epimachus)



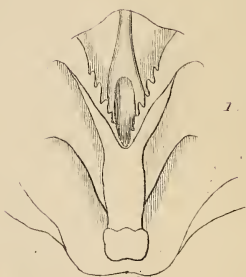
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26 n. s.

1. b



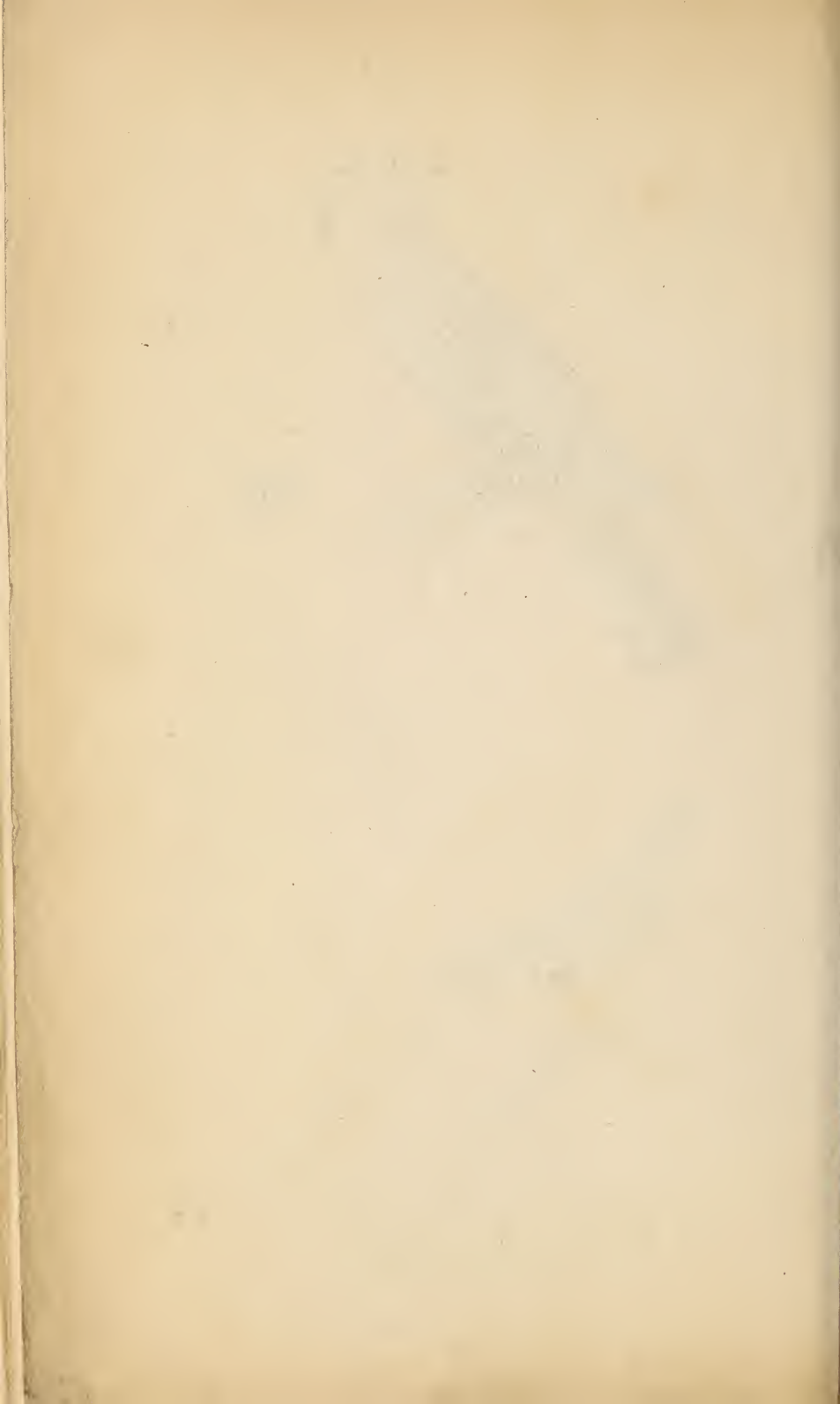
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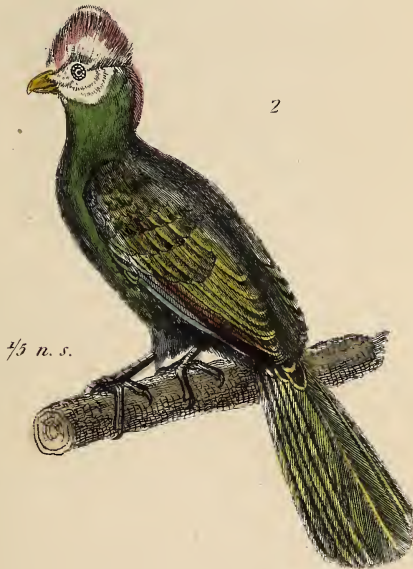


41 n. s.

1. *Microglossus aterrimus*. Geoff. (The Black-horned Paroquet)

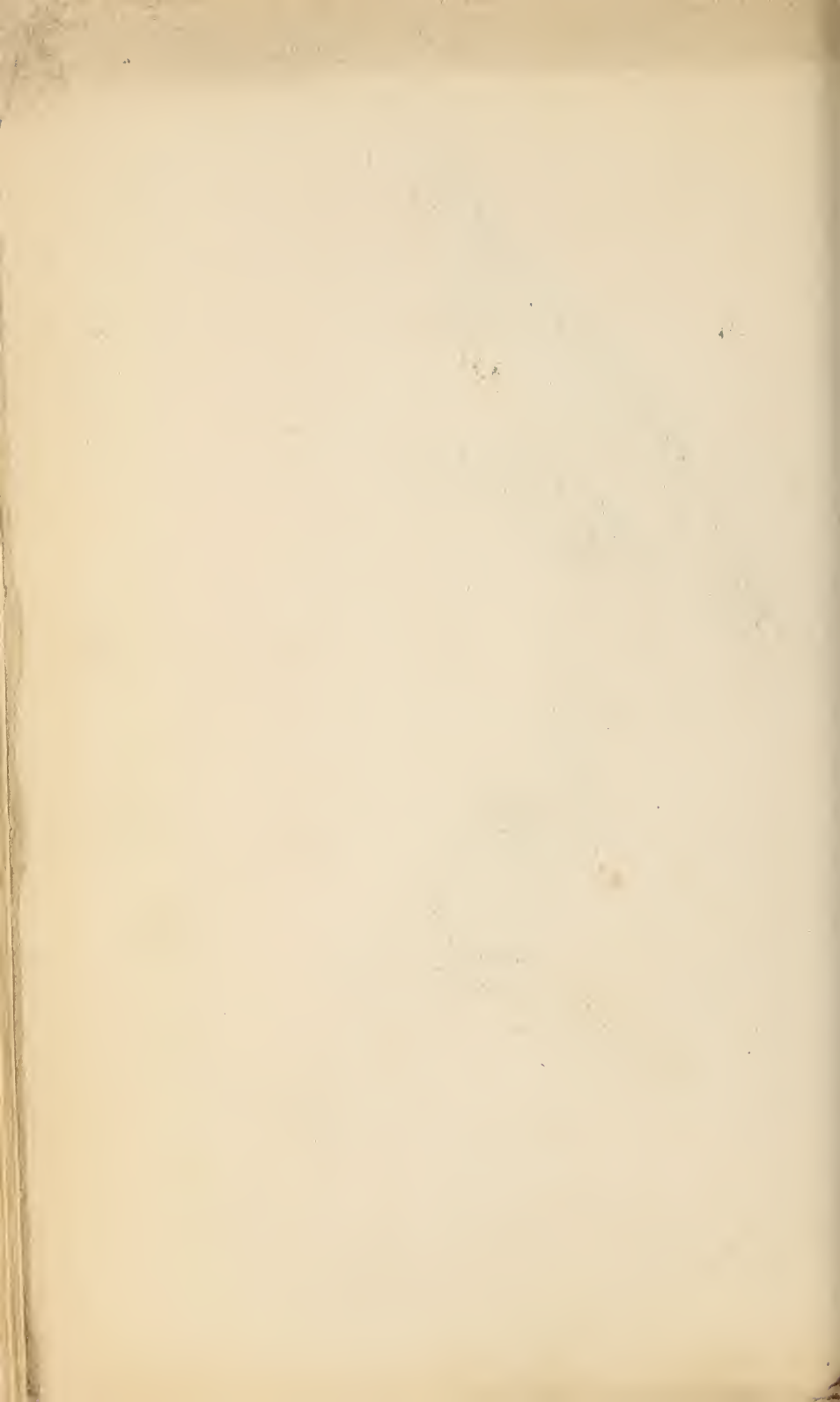
2. *Pezoporus formosus*. Vail. (The Beautiful nimble Paroquet)





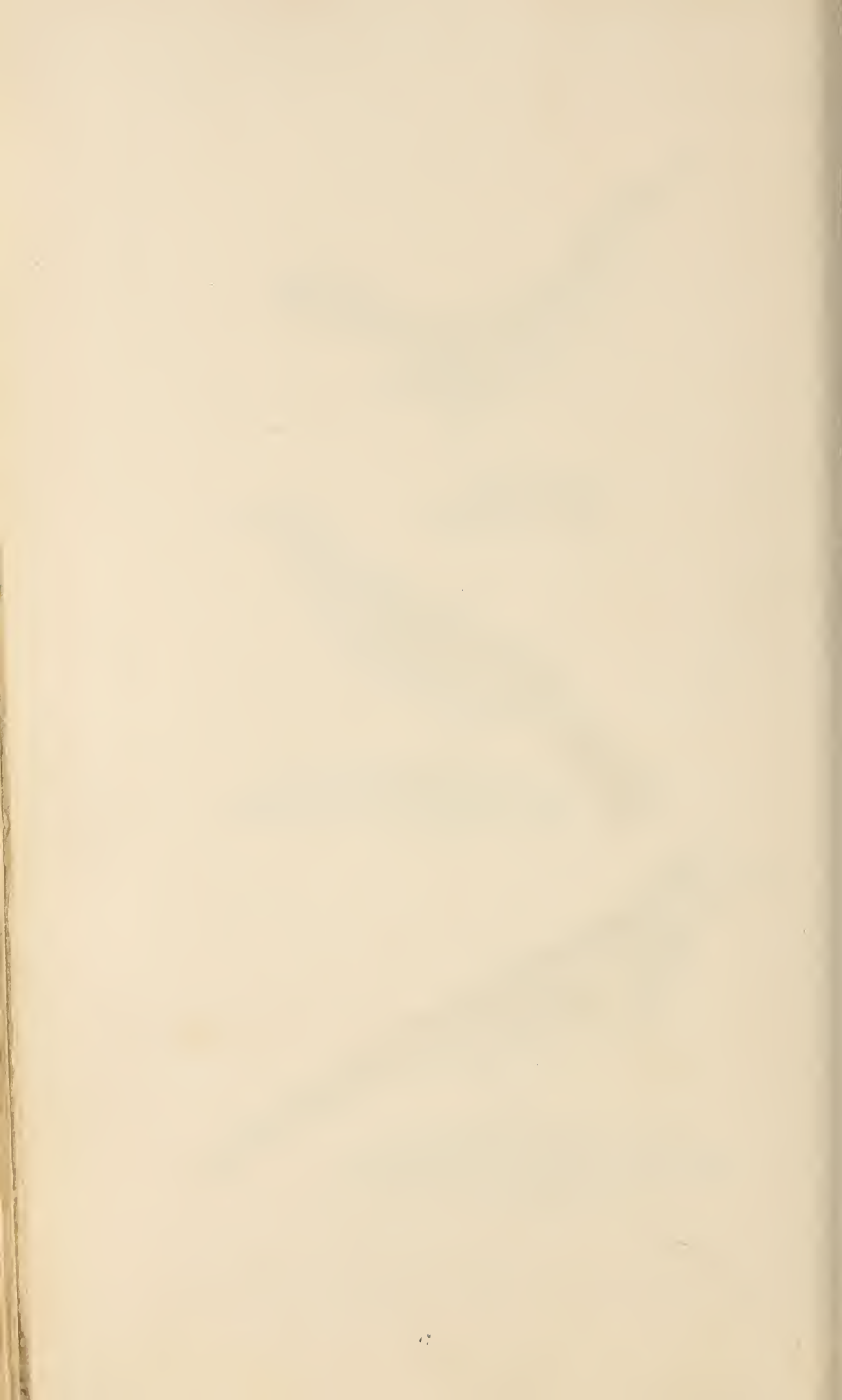
1. *Musophaga gigantea*. Vieill. (*The Gigantic Touraco, or Violet-coloured Plantain eater*)

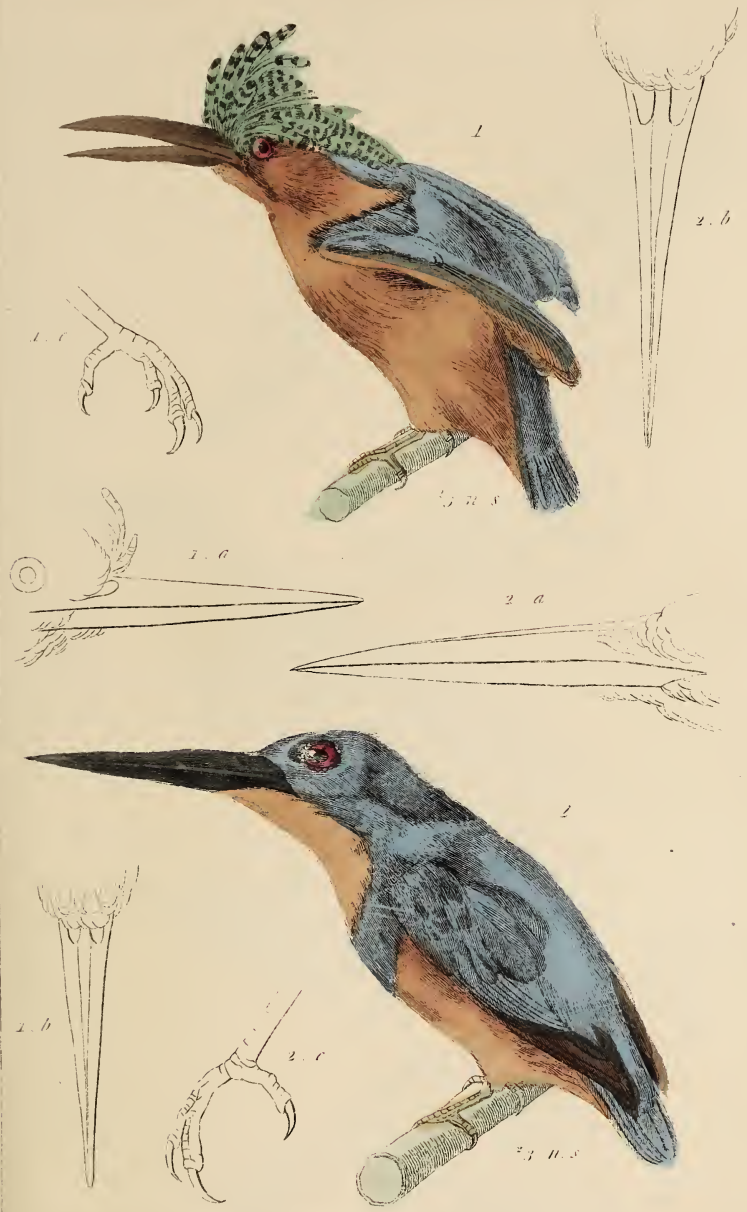
2. *Corythaix Paulina*. Temm. (*The Touraco of Pauline*)



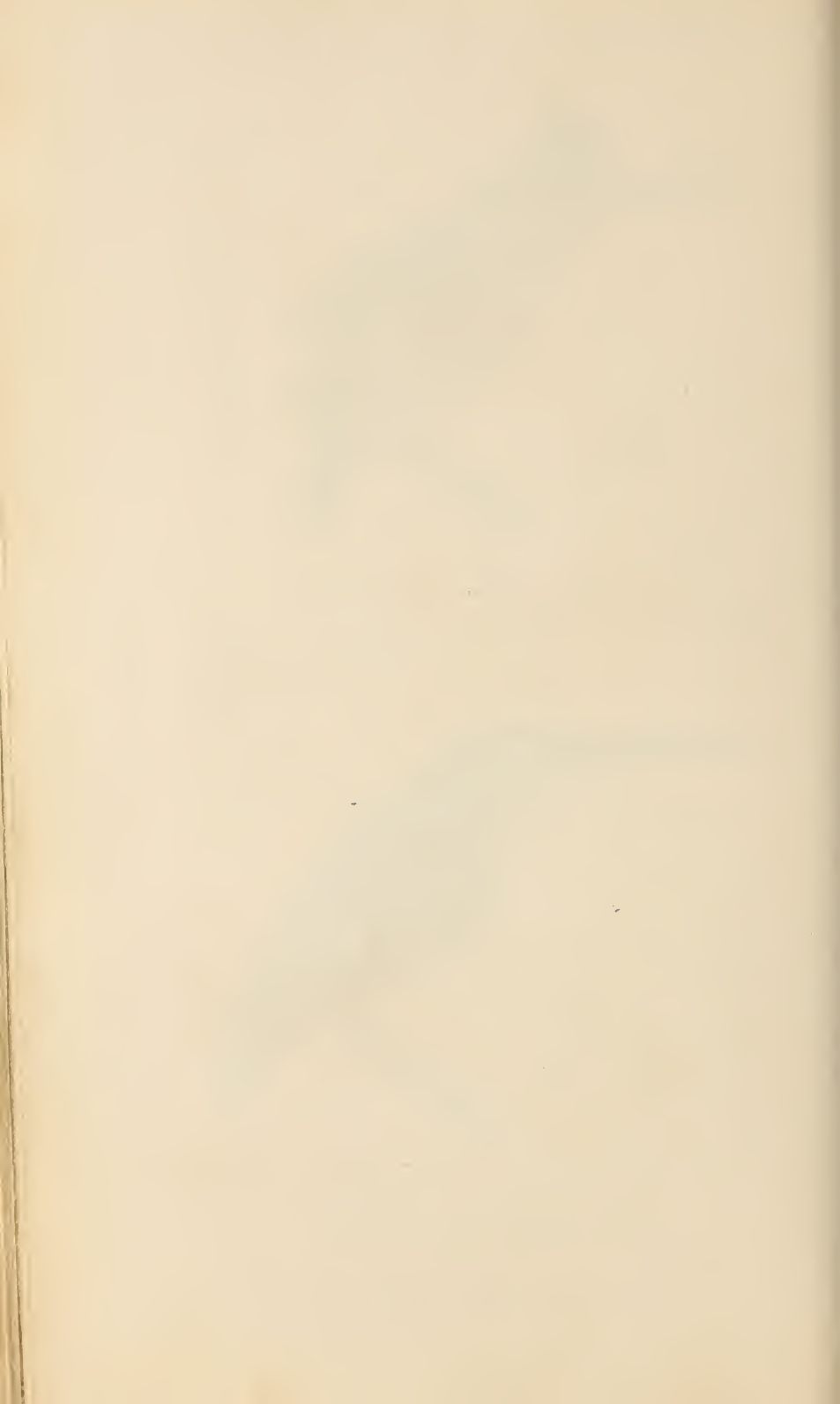


1. *Troglodytes longirostris*. (The European Wren) 2. Bill of *Troglodytes communis*. (The Common Wren)
 3. *Monticola lugubris*. (The lugubrious Wagtail) 4. Foot of *Budytes flava*. (The Yellow Wagtail) 5. *Anthus arboreus*. (The Tree Pipit)





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





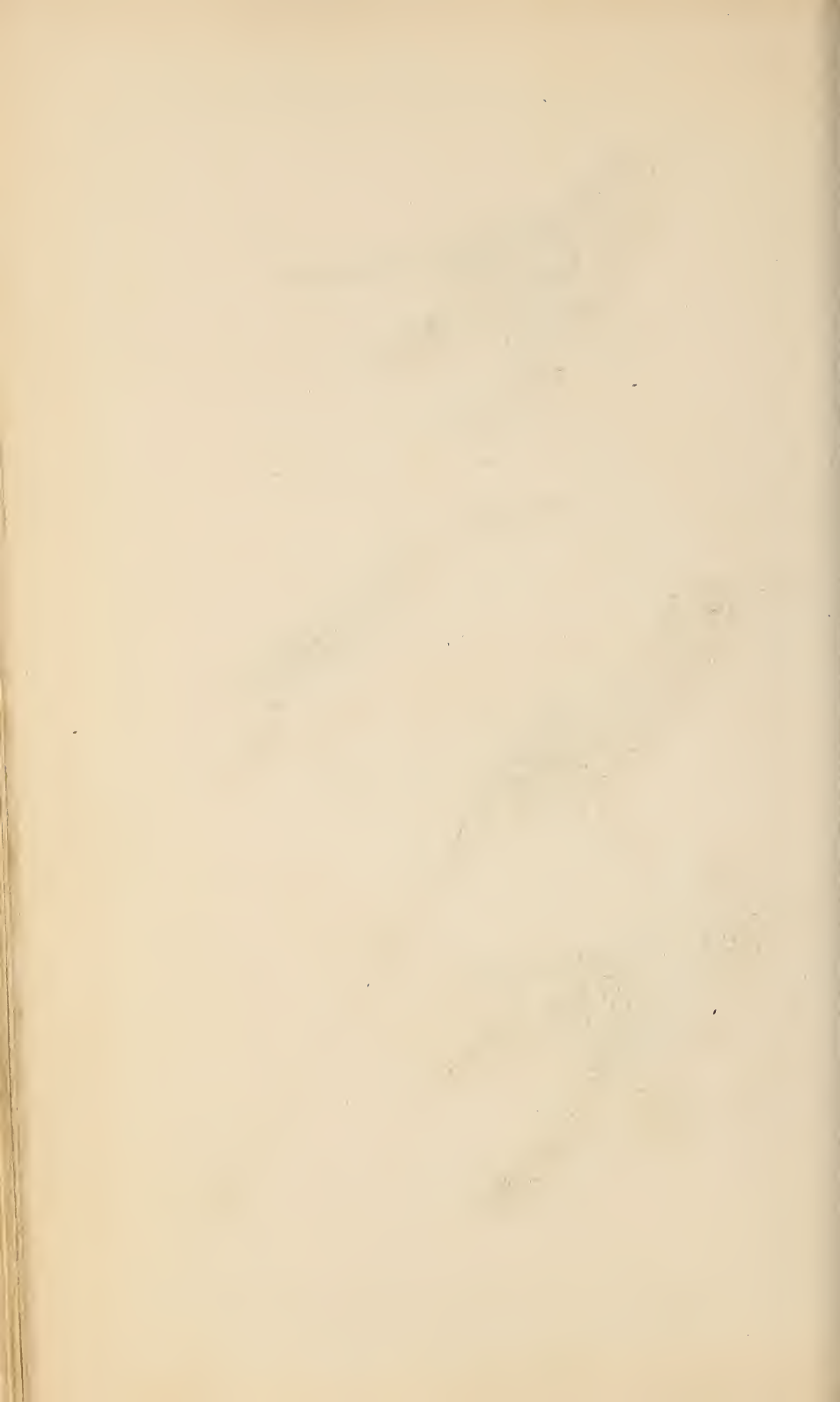
1. *Motacilla regulus*. Linn. (The Roitelet) 2. *Motacilla alpina*. Gm. The Alpine Fauvette

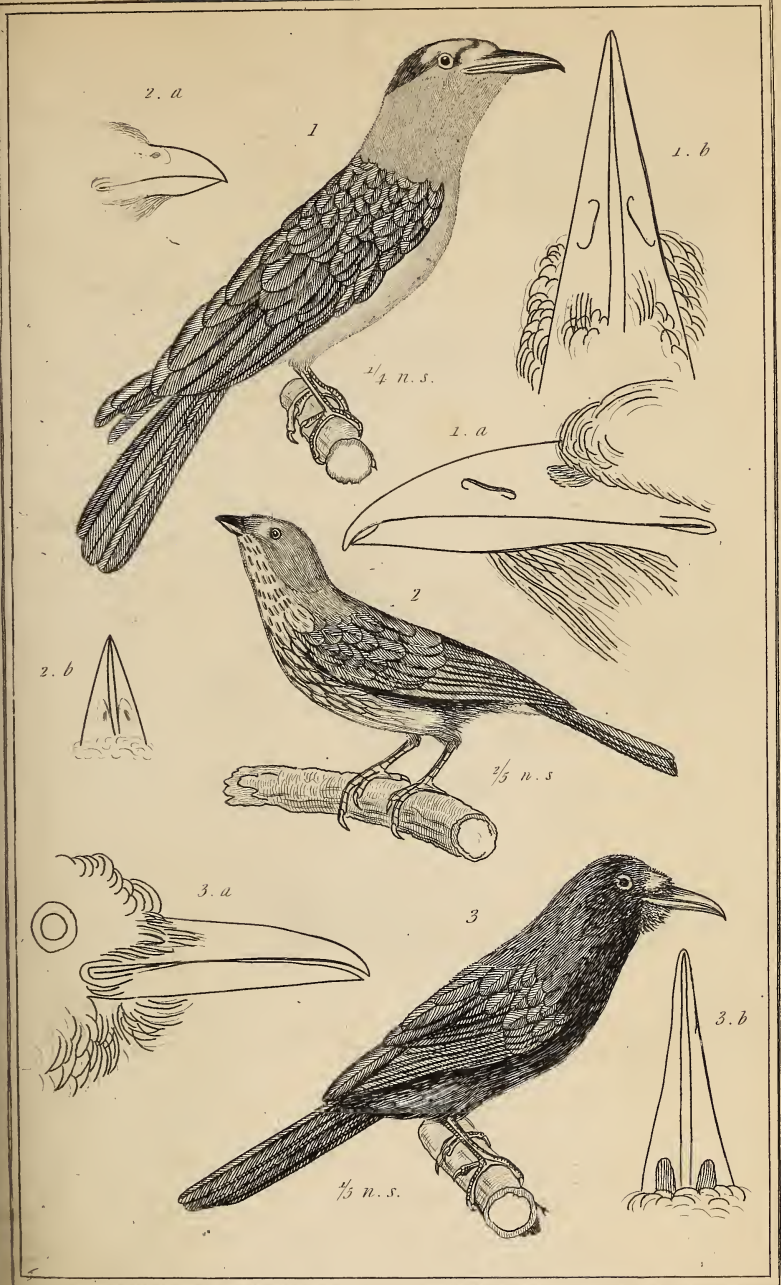
3. *Anthus pratensis*. Bechst



1 *Trochilus granatarius* (the garnet throated Humming Bird) 2 *T. brasiliensis* (the Brazilian Humming Bird)
 3 *Orthorhynchus cora* (the straight billed Humming Bird)
 4 *Ortho. Magnificus* (the gigantic Humming Bird)

London. G. Henderson. 2 Old Bailey.





1. *Leptosomus viridis* Vaill. 2 *Indicator variegatus* Lesson. (The Variegated Indicator)
 3. *Monasa leucops* Illiger.



1. *Todus viridis*. (The Tody) 2. *Buceros hydrocorax* Gmel. (The Horn-bill of Gmelin)





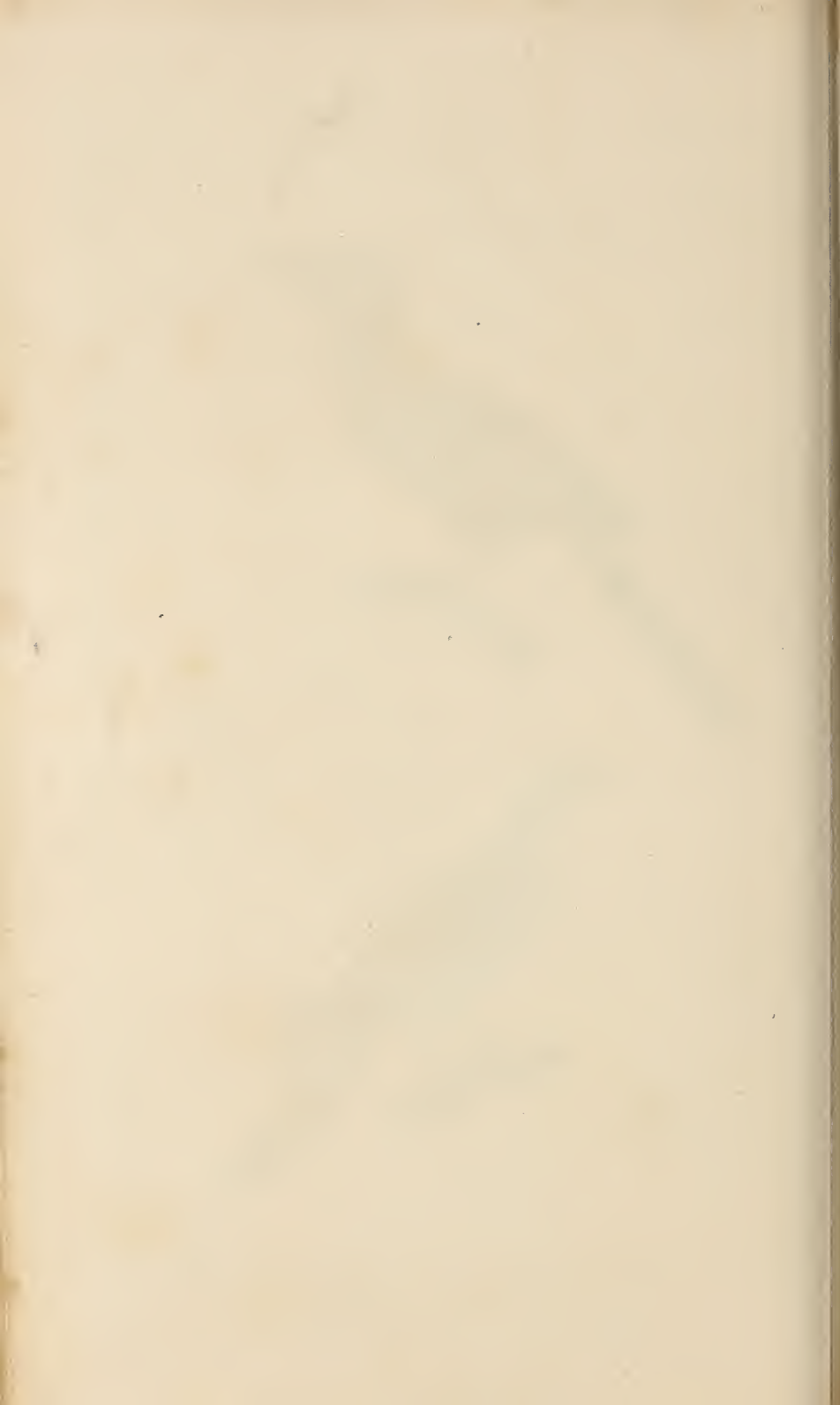
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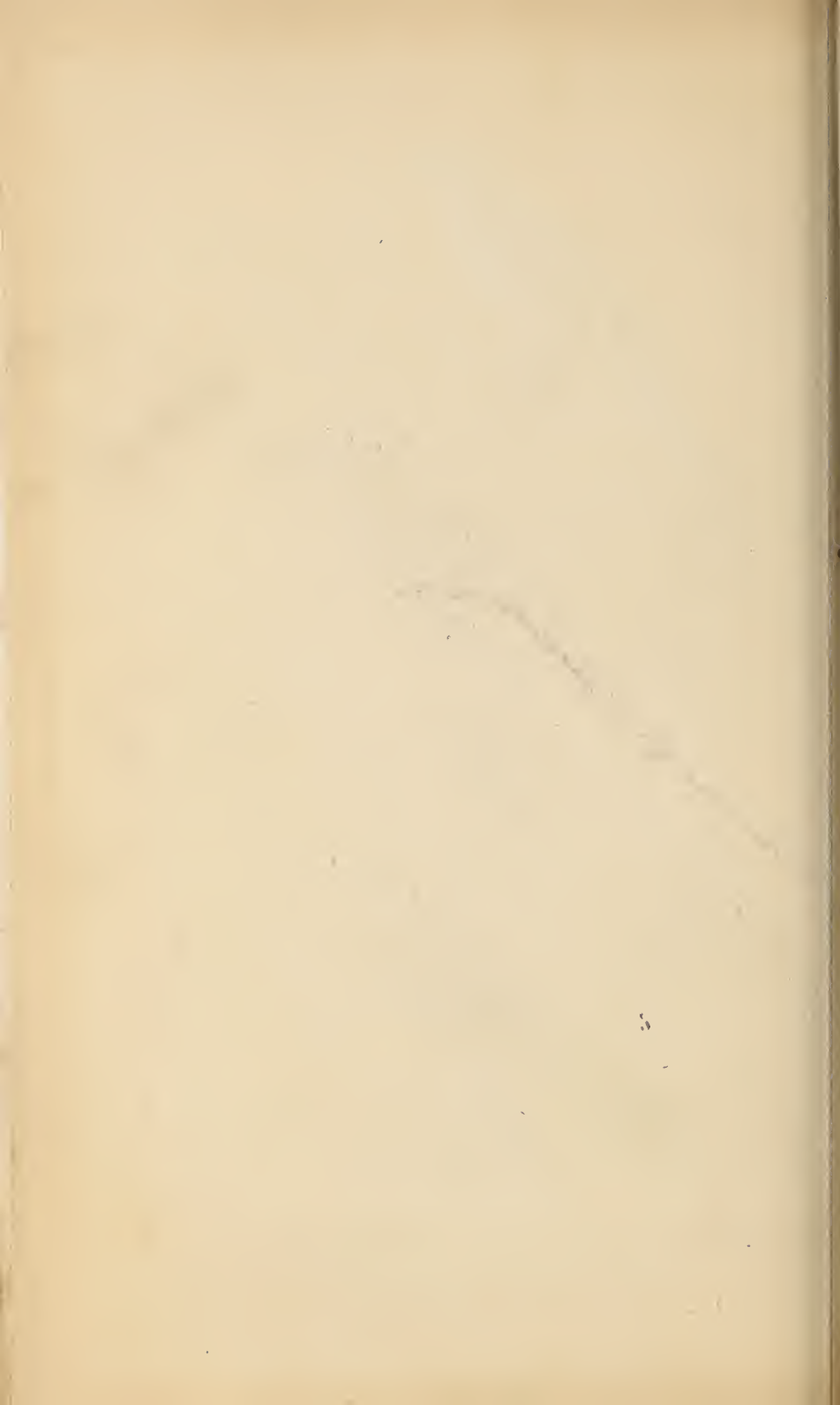


1. *Malcoha superciliosa* (The Common Maleoche)
2. *Scythrops australasia* (The Australian Scythrops)



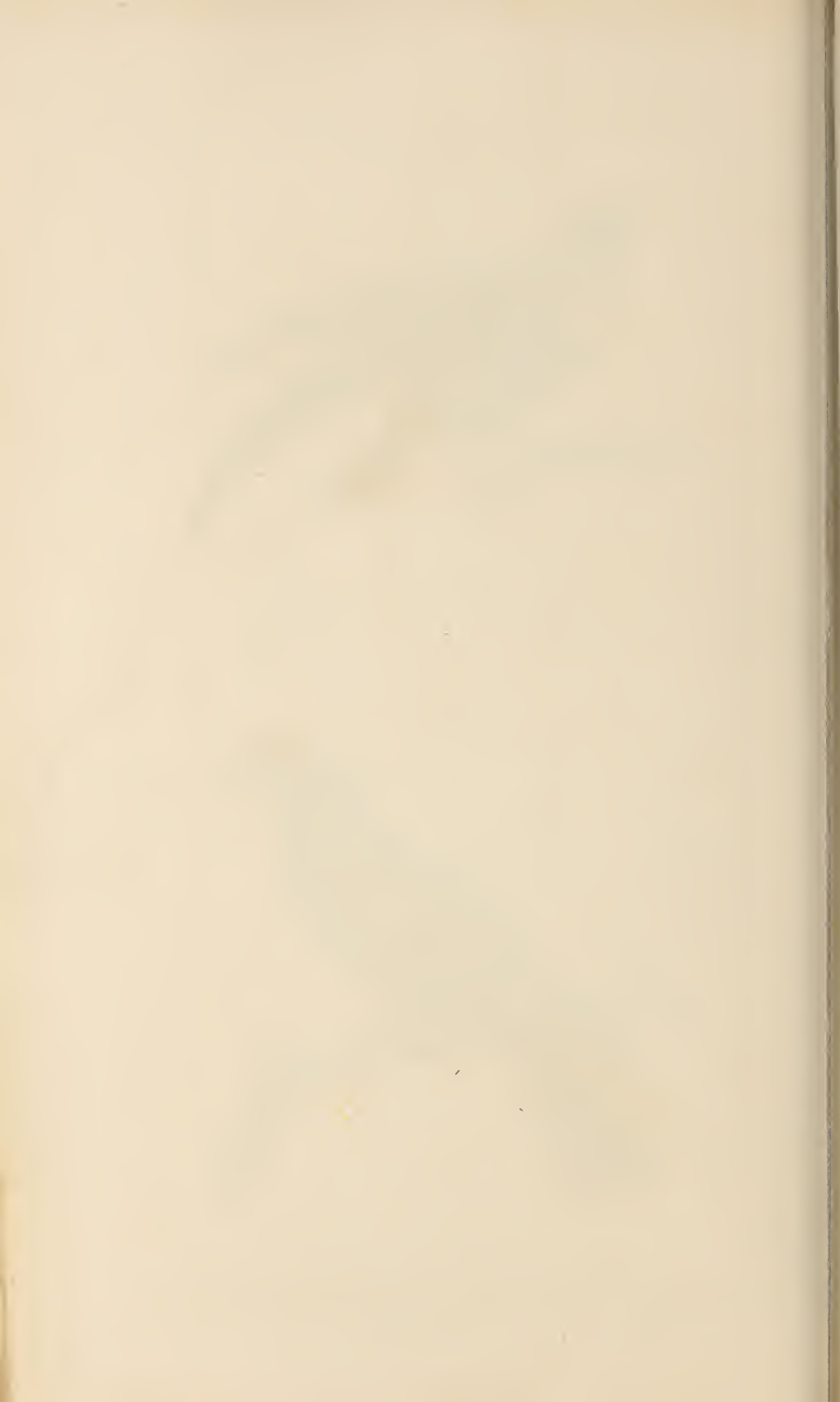


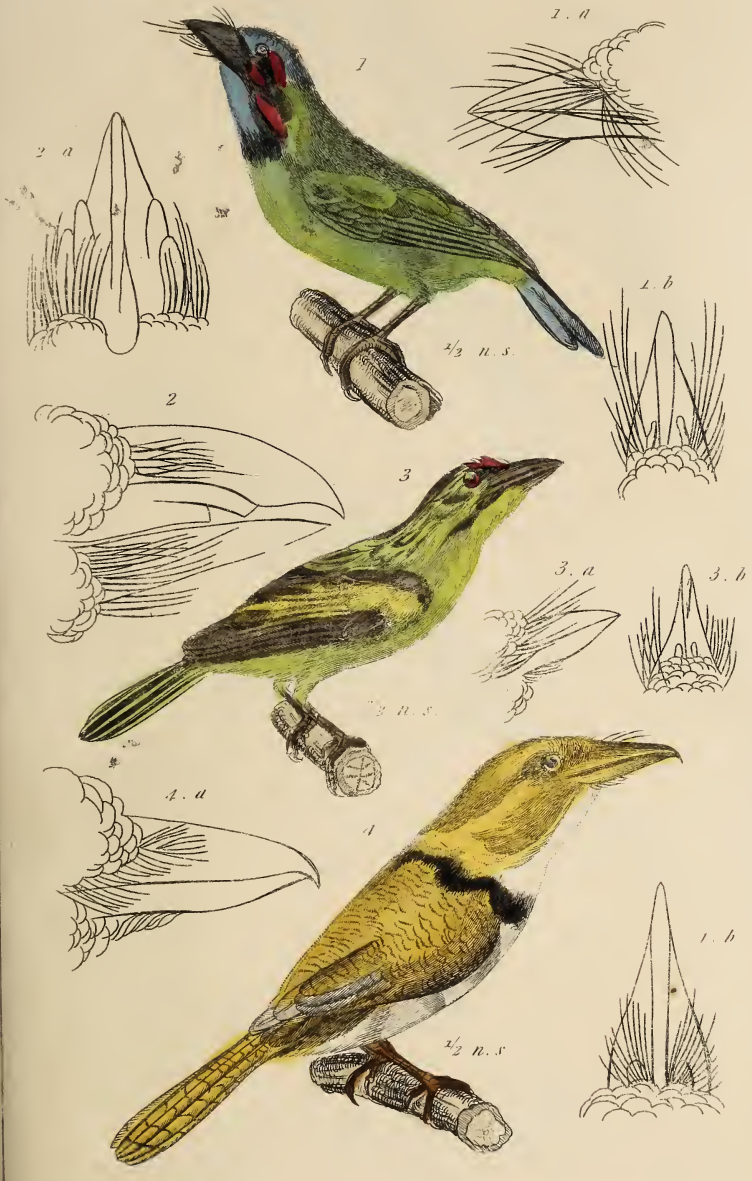
1. *Gallula albirostris* Vaucl. 2. Ball of the Jacamaraleon 3. *Picus Iheronimieri*, Lesson. The Woodpecker of Lesson! 4. Foot of the *Picus tridactylus* (The Picoid Woodpecker) 5. *Yungipicus torquilla*, Lin. The Green-winged Wrenneck!



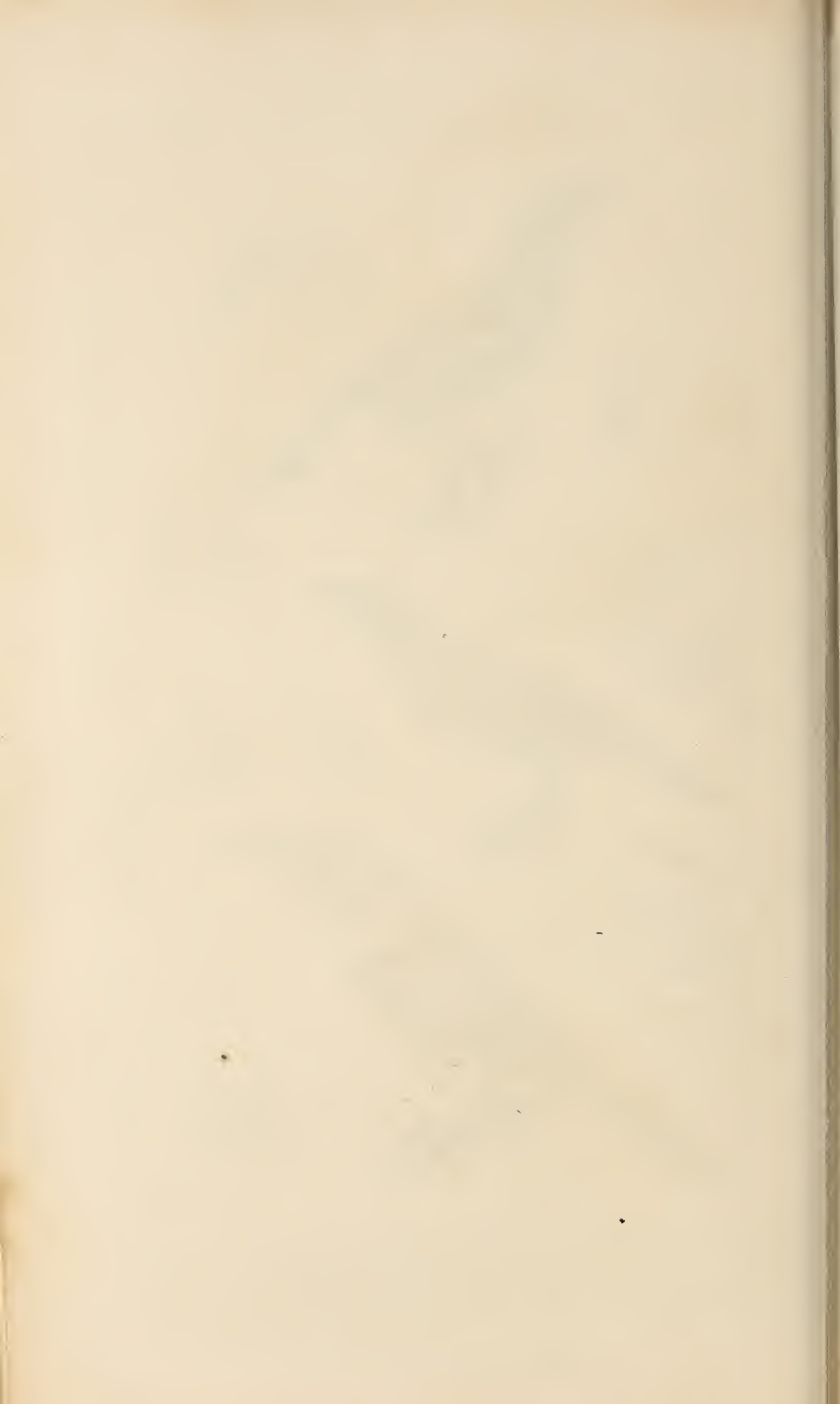


1. *Hirundo collaris*. (The Collared Swallow) 2. Toes of the Martin. 3. Head and Toes of the Goatsucker. 4. *Podiceps cuculi*. (The Goatsucker of Cuvier.)





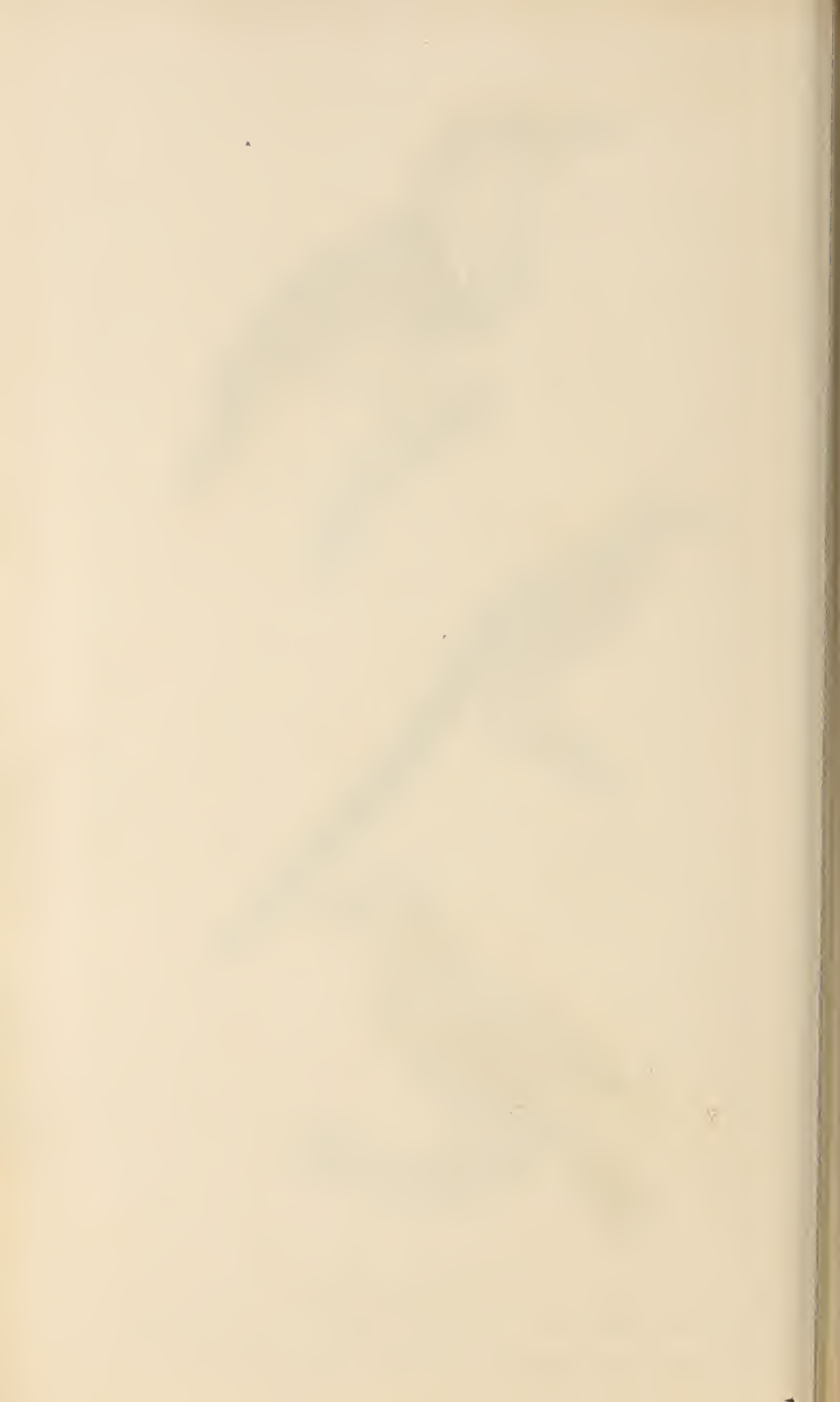
1. *Bucco Duvaucellii* Less. (*Duvaucellii's Barbet*) 2. Bill of the *Pogonias major* (*sulcirostris* Leach) (*The Great Pogon*) 3. *Bucco parvus*. (*Barbion*) Vail. (*The Barbican*) 4. *Tamatia collaris*. (*The Banded Tamatia*)





1. *Tamatia melanoleucos*, Gm. / The *Tamatia* / 2. *Malcoha rouverdius*, Vaill. / The *Malcoha* of Vaillant / 3. *Bucconiger*, Gm. / The *Black Throated Barbet*.

London, G. Wunderson & Co. del.





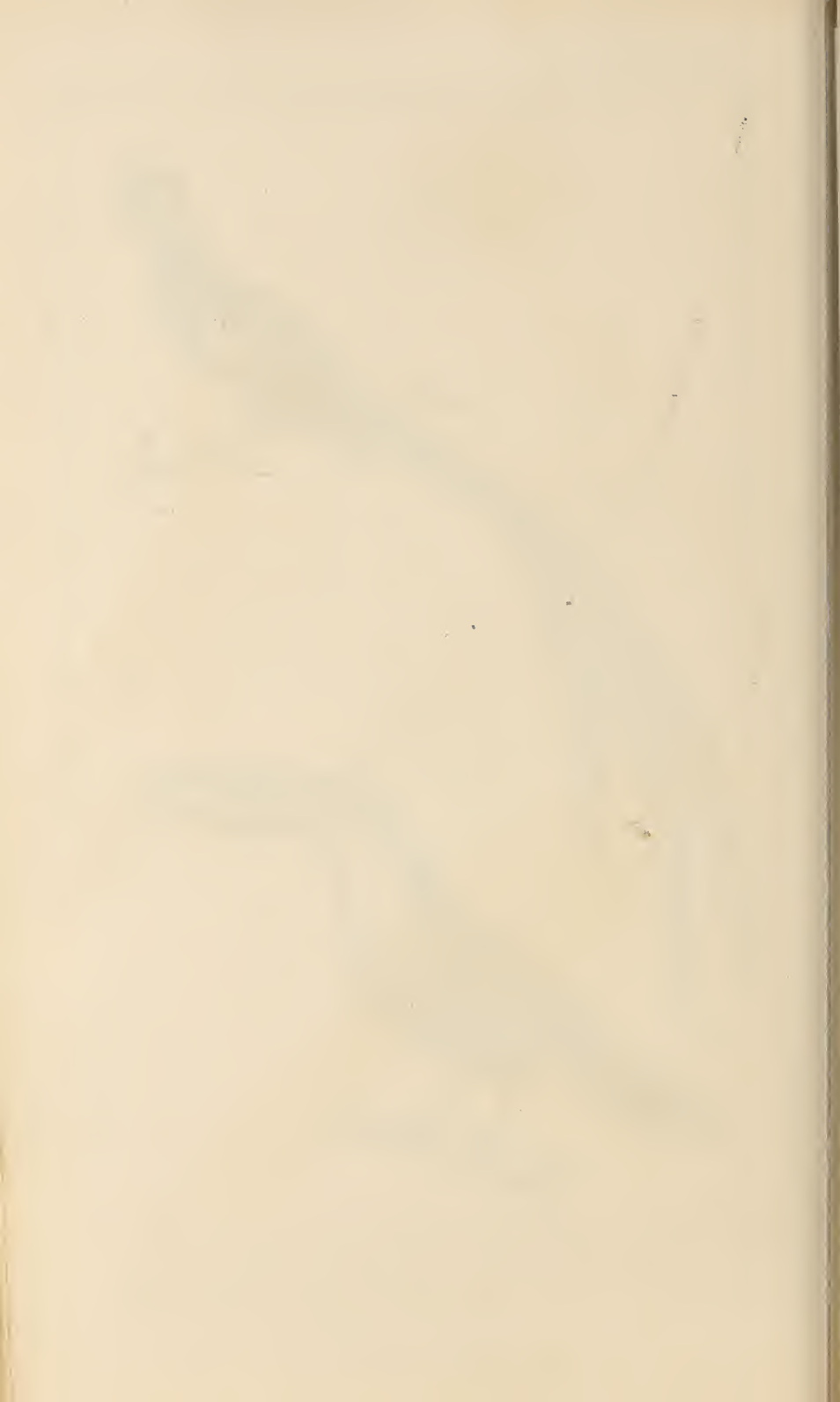
1. *Jacamerops grandis* Will. The Grand Jacamar. 2. *Galbula cuculcaudata* Less. The Red-tail Jacamar. 3. *Todus platyrhynchos* Gm.

Engraved by P. S. Lea. Col. by R. S. Peck.



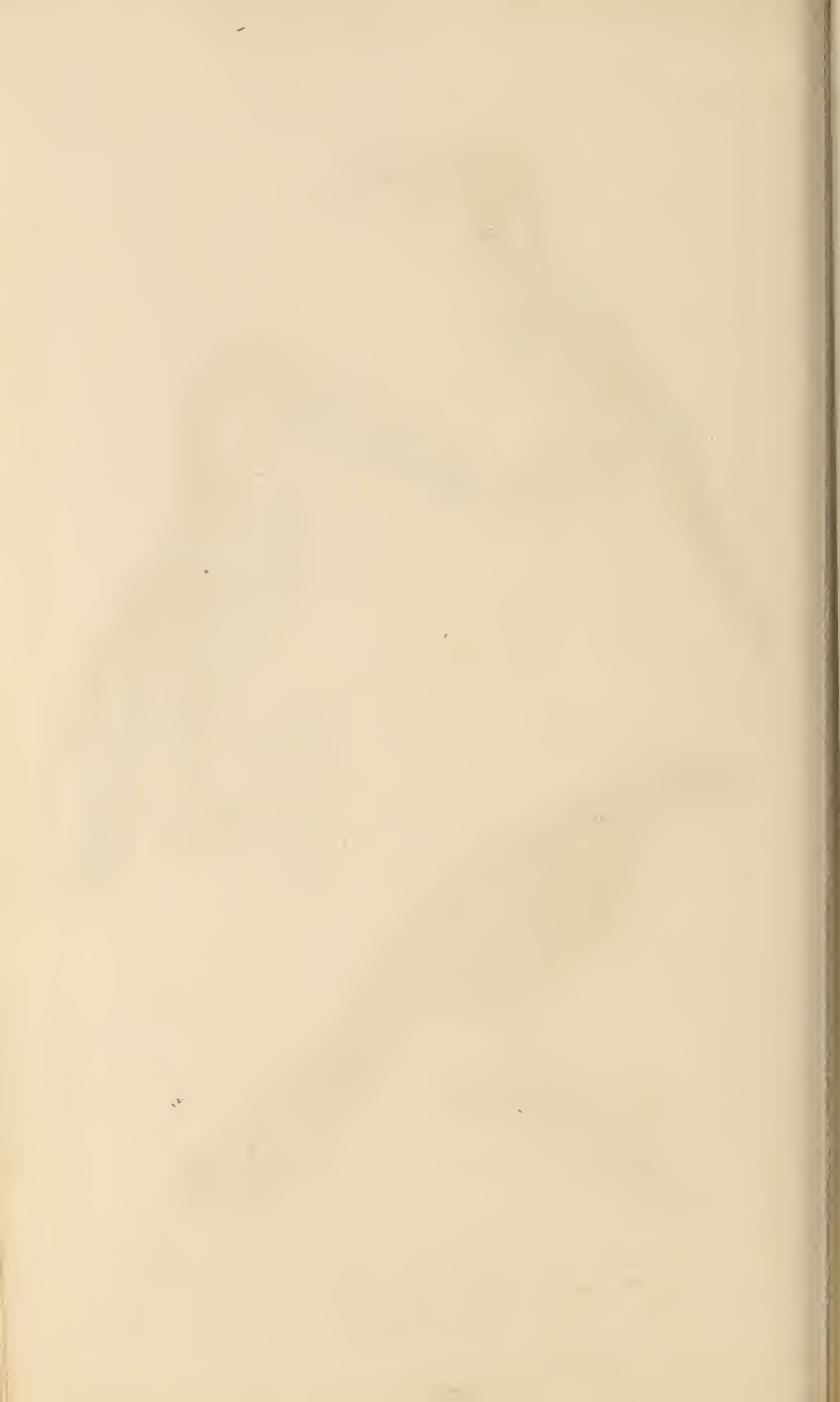


1 Trogon payoninus Tem. The Paroquet (Gouroucou) 2 Bill of the Trogon Duvacellii Tem. Duvacellii (Gouroucou) 3 Ramphastos maximus. Greatest Billed Toucan 4 Bill of the Crotophaga major. The Greater Ani





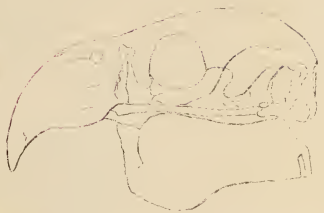
1. *Ramphastos aracari* Gm. 2. *Ramphastos toco*. *Vaillants, Birds of Paradise. Pl. 2. J. 5.* 3. *Crotophaga ani* Gm.





16 n. s.

1. a



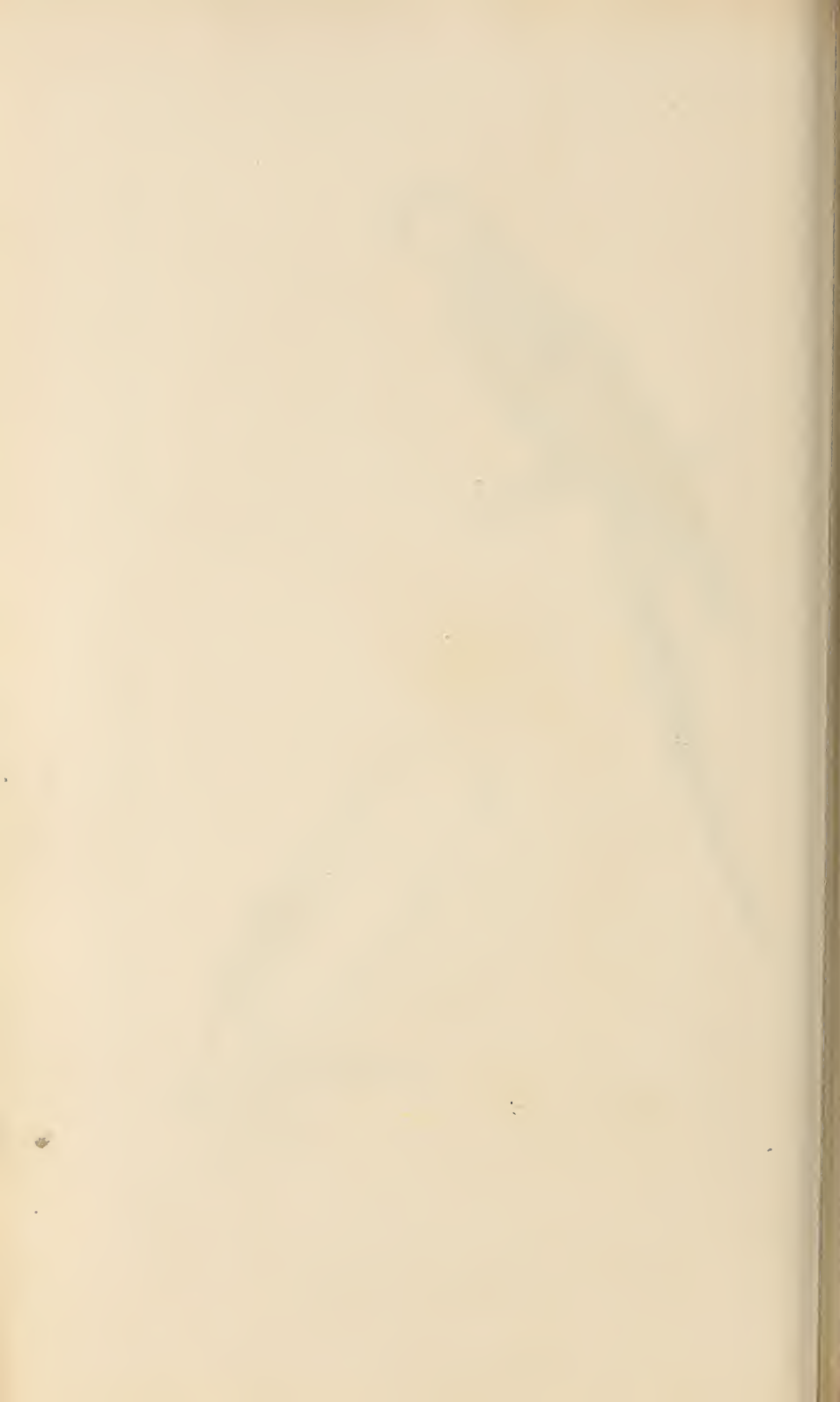
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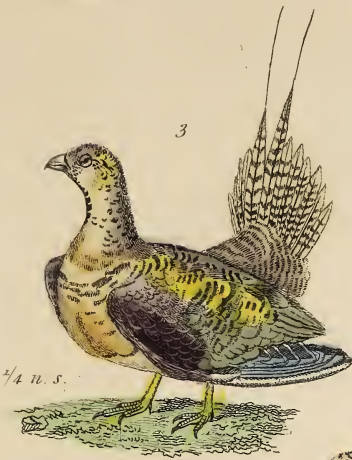
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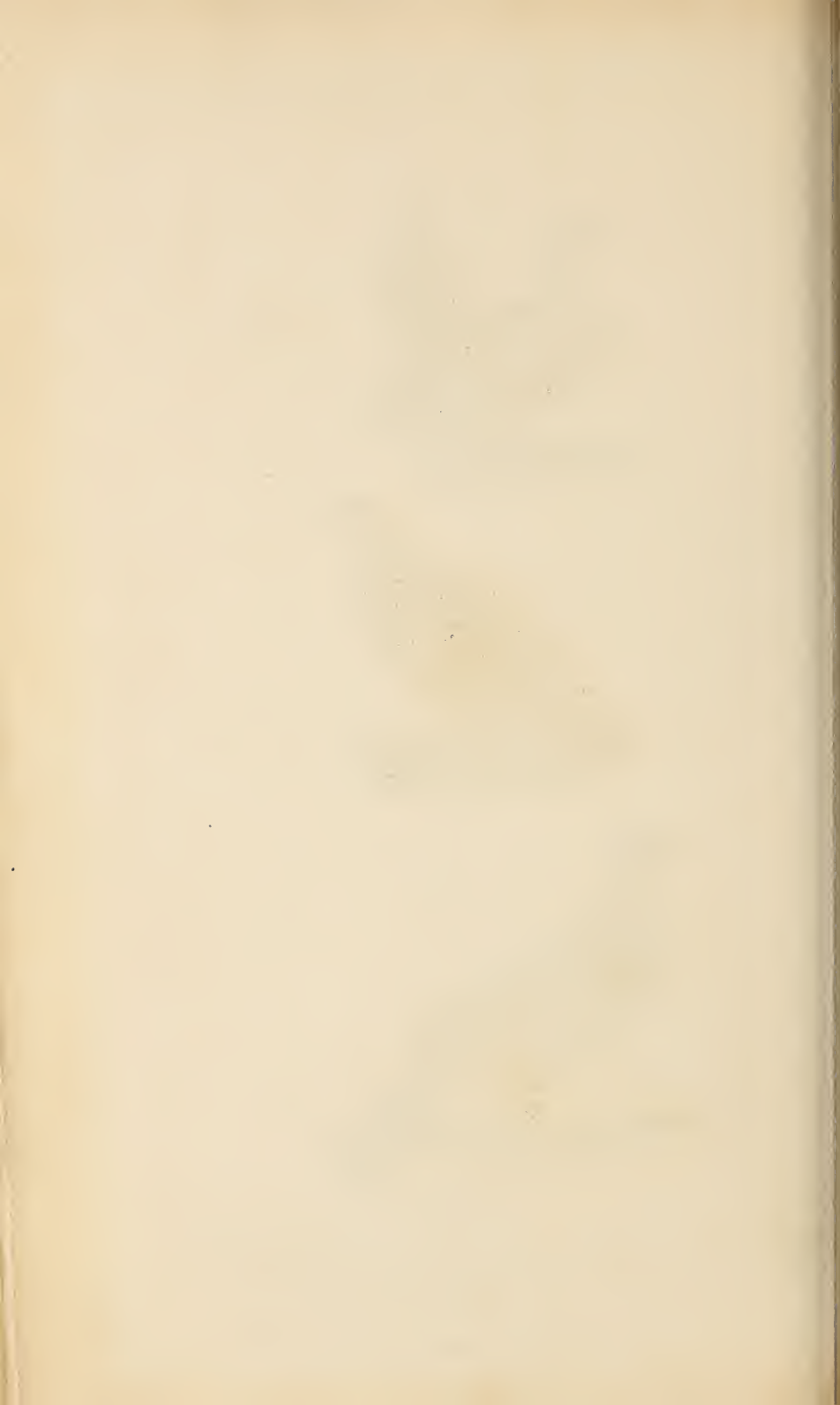
2. a

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





Tetrao umbellus. Gmel (The ruffed heath Cock) 2. *Tetr. lagopus*. L. (The Ptarmigan, White Grouse, or Partridge of the Pyraenees) 3. *Pterocles arenarius*. Pall. (The Partridge of Aragon)





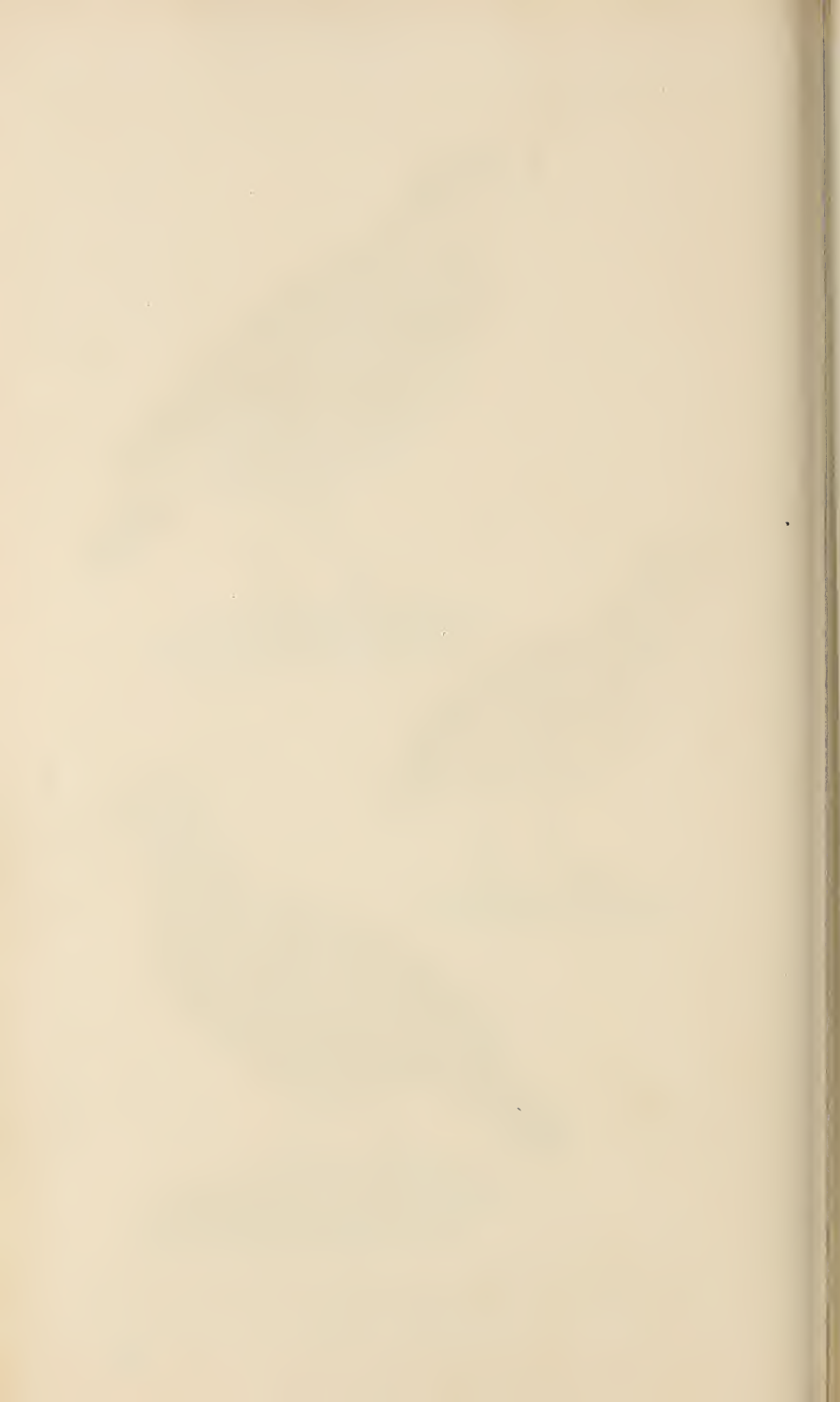
1. *Francoelinus ocellus*. Tem. (The All-eyed Francolin) 2. *Perdix petrosa* Gmel. (The Rock Partridge)

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





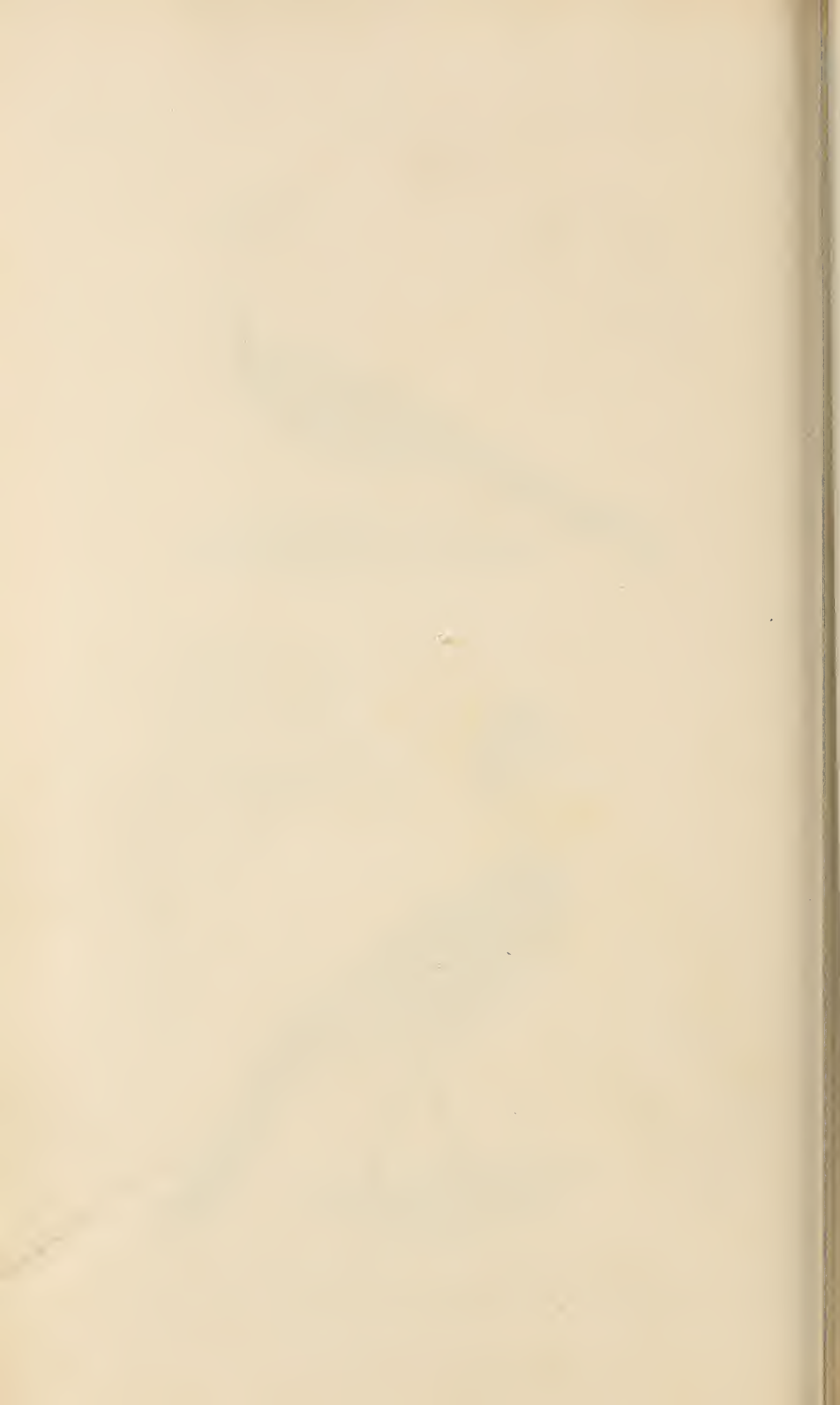
1. *Tetrao rufus*. L. (*The Red Partridge*) 2. *Perdix textilis*. Temm.
3. *Francolinus clamosus*. Temm.





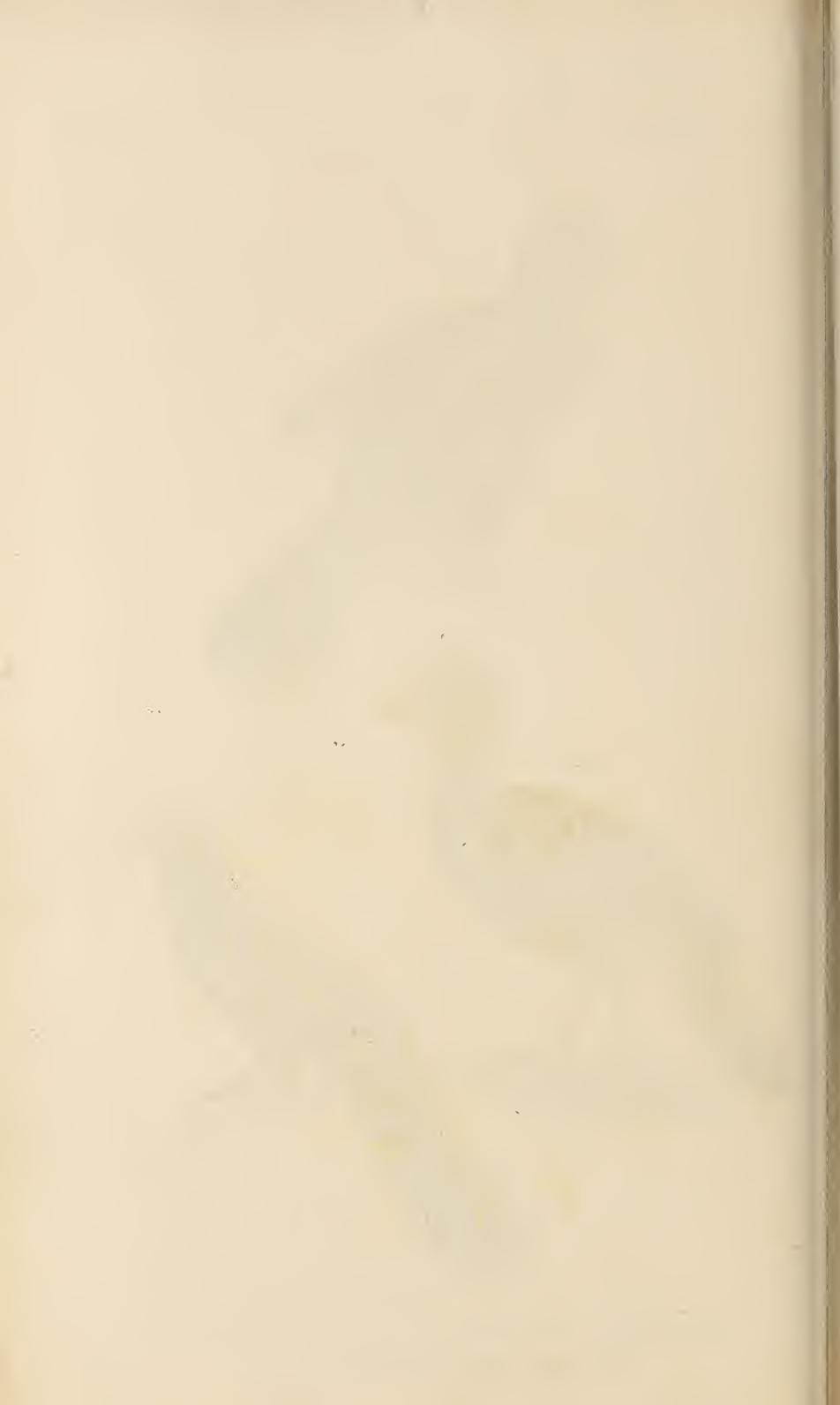
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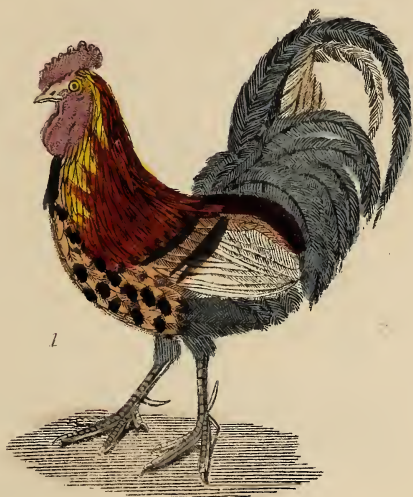
1. *Oposthocomus cristatus* L. The Hoazin 2. *Crax rubra* L. The Red Hocco 3. Head of the Pouter *guayanaensis* Edw. The Guay 4. Head of the *Oryzolobus paragua* L. The Parraqua 5. Head of the *Pouter guayanaensis* L. The Stone Bird





1. *Cuculus persa. Lin.* The *Foucaze*. 2. *Cuc. alb. tur. Lin.* The *Alb.*
3. *Micropodaga violacea. G. B.* The *Portia cat.*



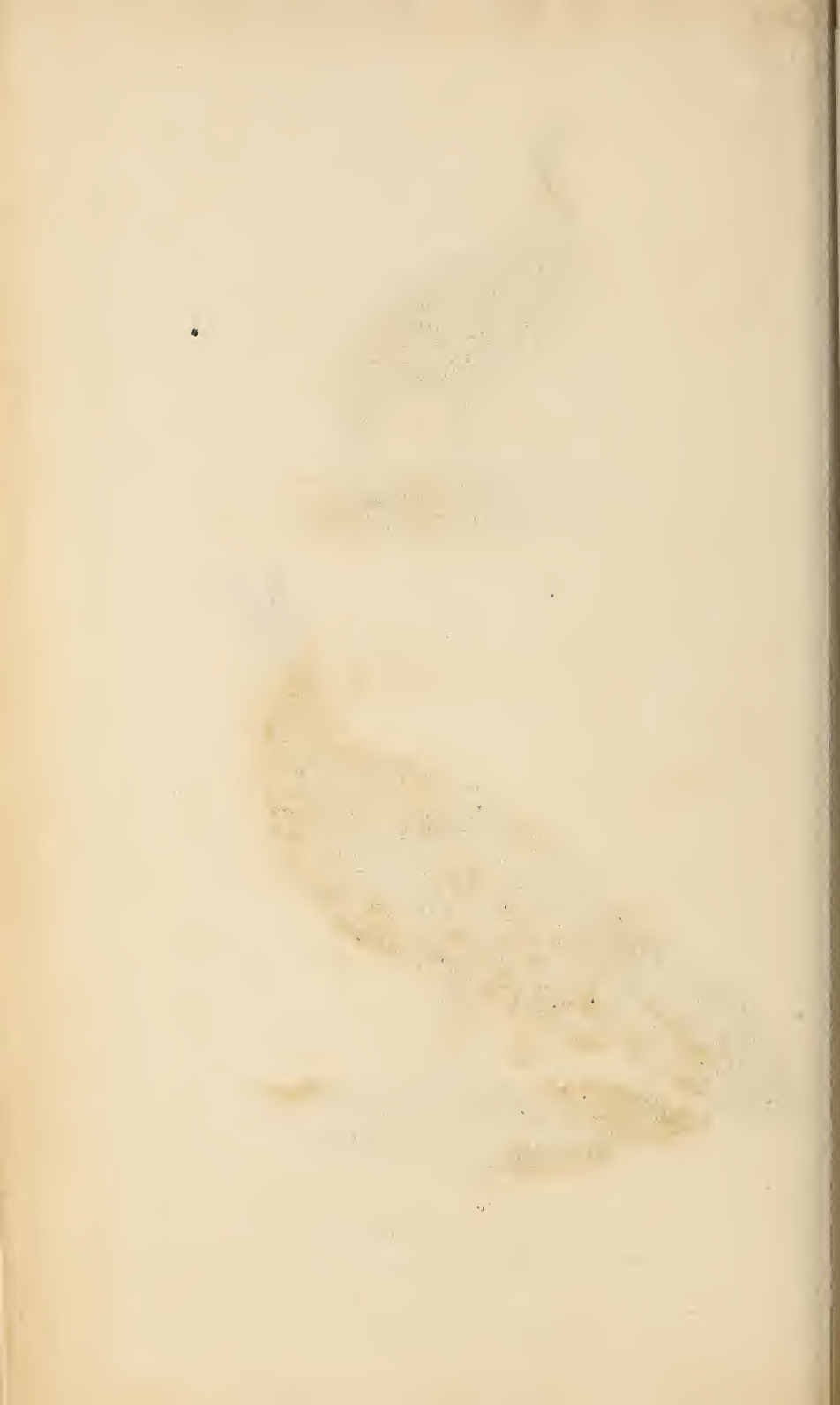


Gallus gallus. L. The Domestic Cocker. 1. 2. *Numida meleagris*. L. The Common Turkey. 3. *Meleagris gallopavo*. L. The Common Turkey.



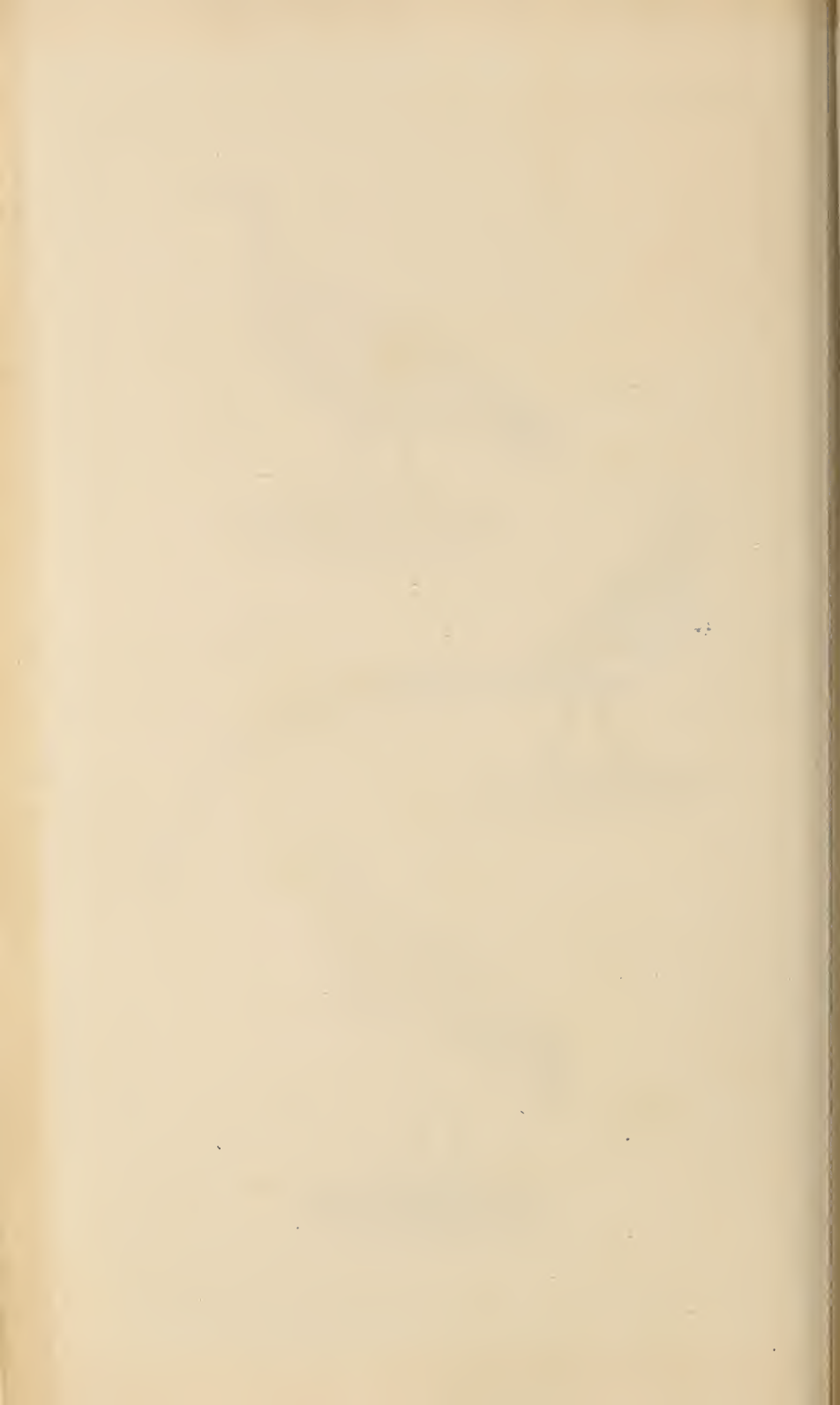


1. *Numida ptilorhynchos*, Licht. (The Crested-billed-Guinea Hen)
2. *Meleagris ocellata*. (The Golden Green-necked Turkey)





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





1. *Pavo Cristatus* (the Common Peacock)
2. *Lophophorus Cuvieri* (Cuvier's Pheasant)

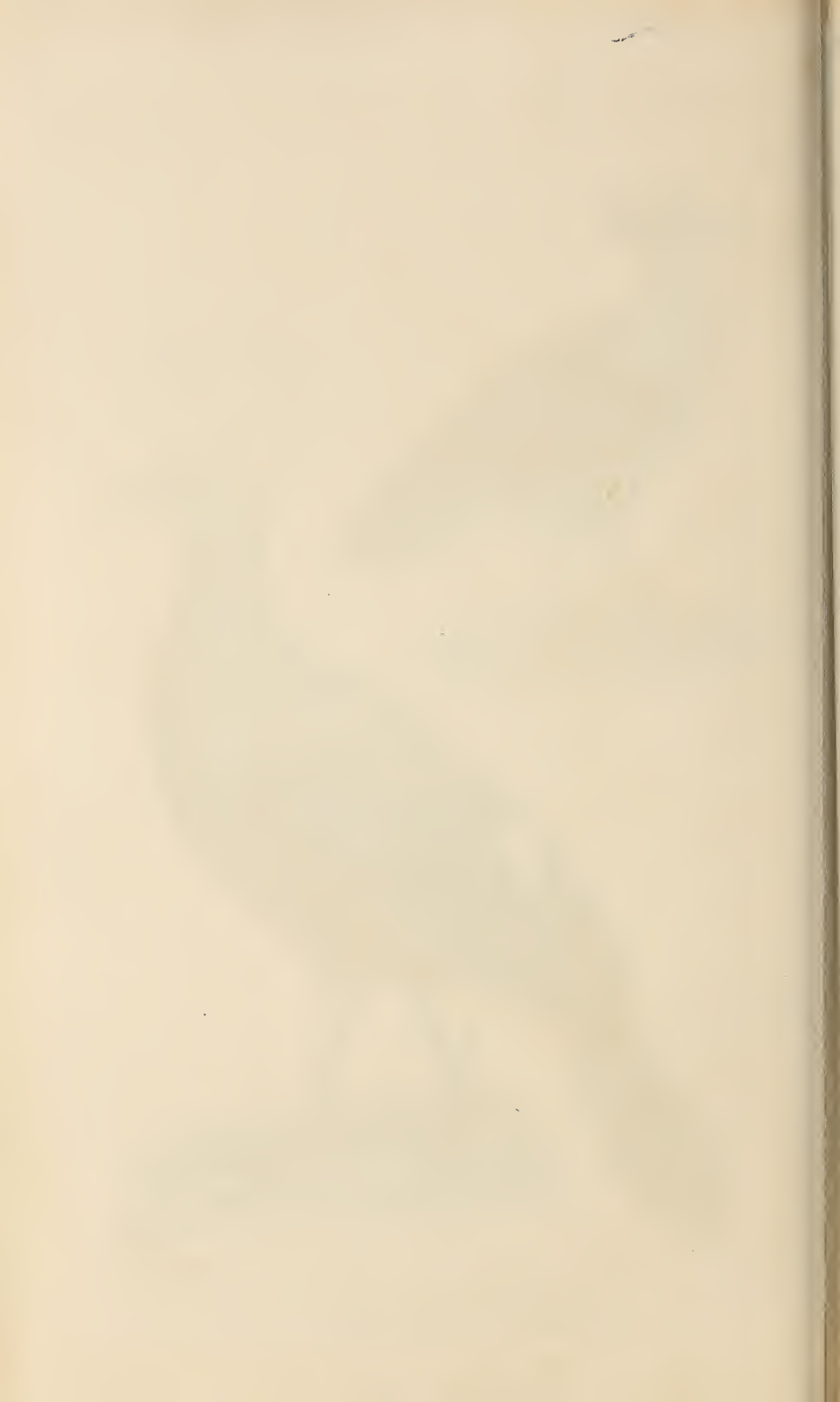
London G. Henderson 2 Old Bailey





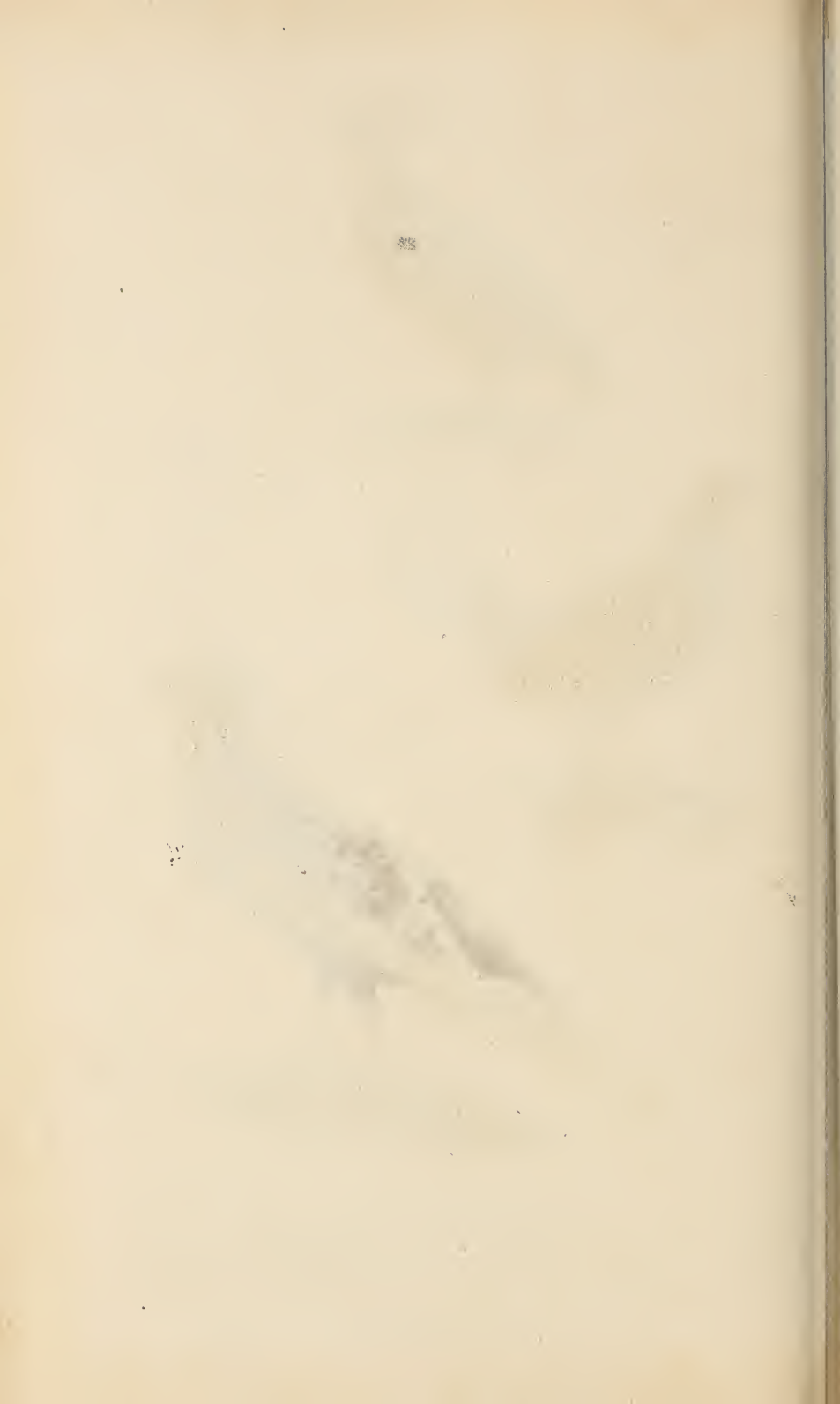
1. *Megapodius Duperreyi*. Less.
2. *Lophophorus rufulgens*. Temm.

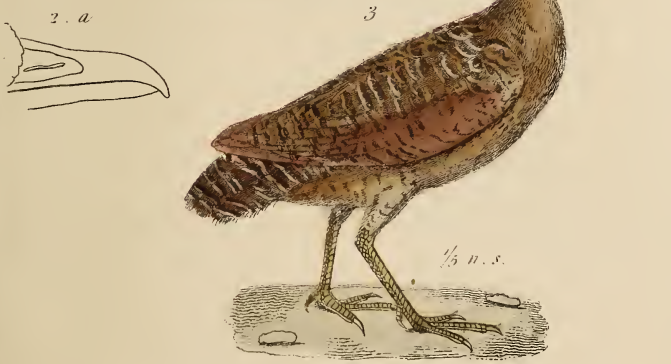
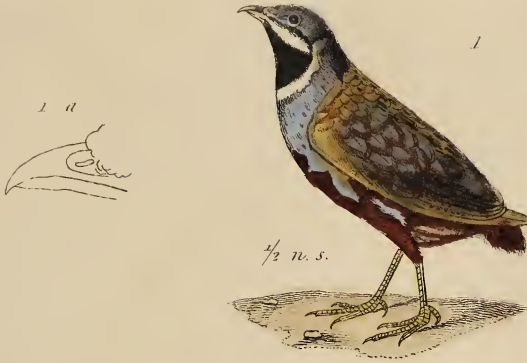
London, G. Henderson, 2, Old Bailey.



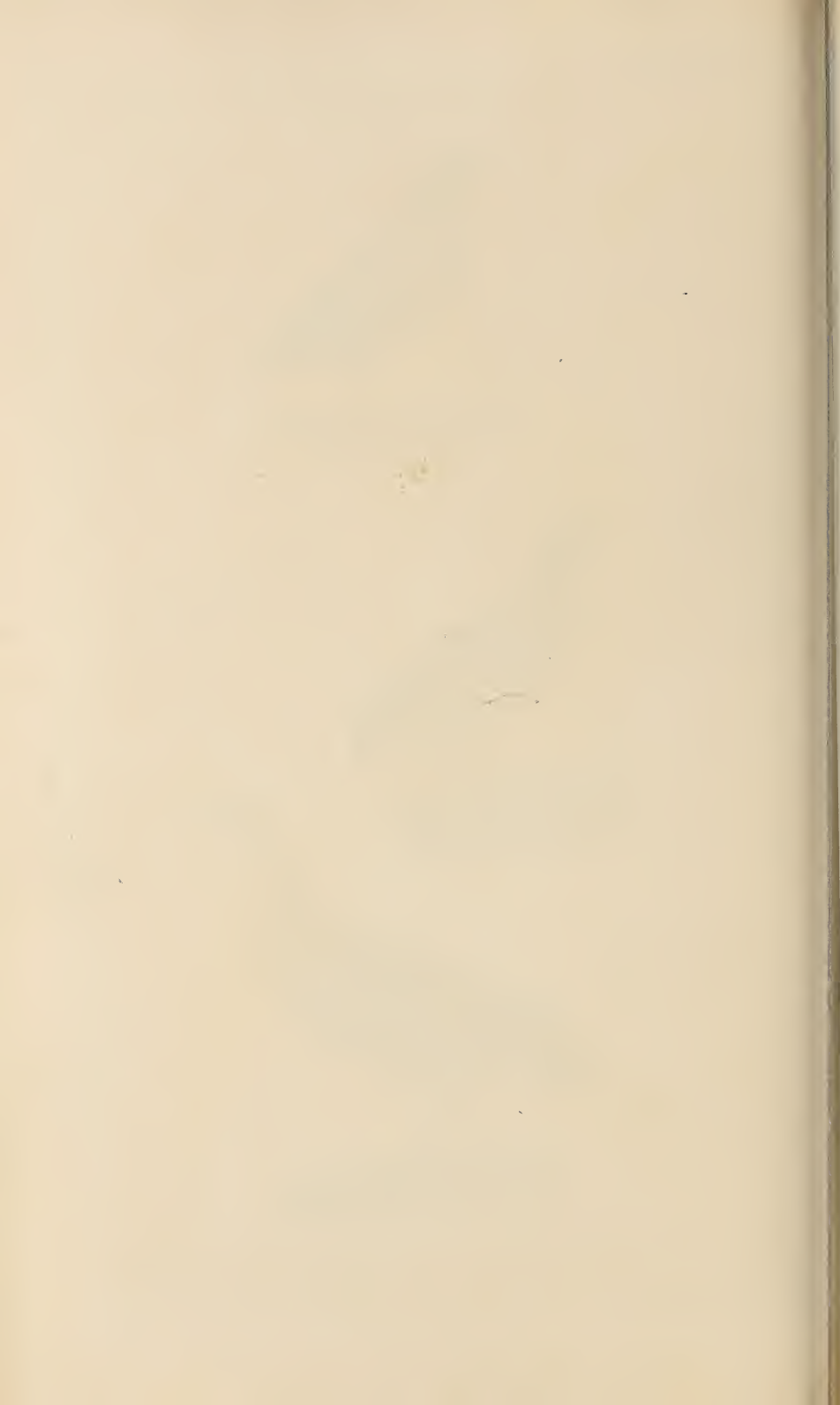


1. *Cryptonyx coronatus*, Tem. (The Sumatra Pheasant Bird) 2. *Houppiter Diardi*, Gai. du Mus. Diardis' Pheasant) 3. Head of the *Houppiter ignitus*, Sch. (The Sunda Pheasant) 4. *Tragopon erythrus*, Gm. (The Horned Pheasant of Nepal)





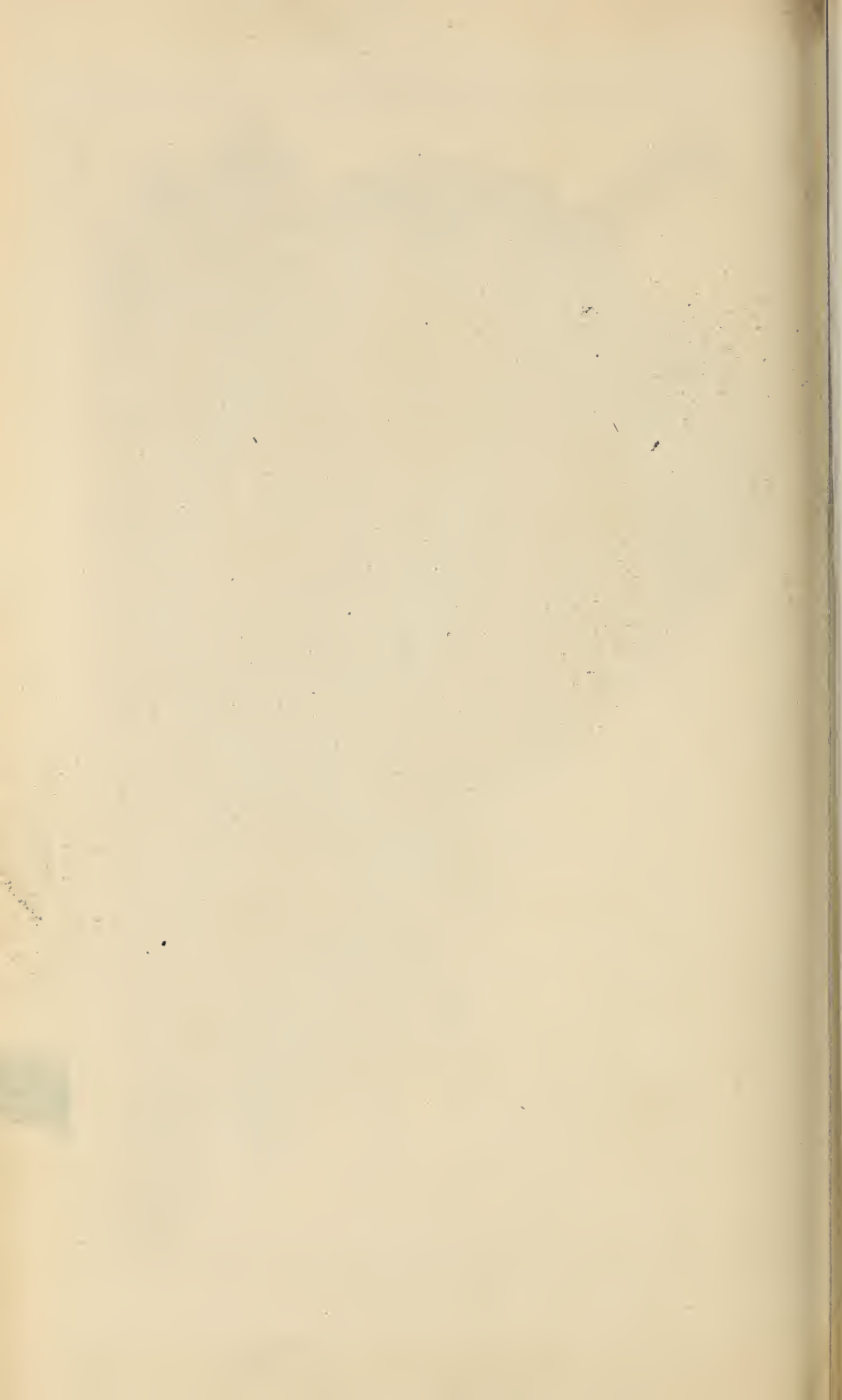
1. *Coturnix chinensis*. Liu. (The Chinese Grouse.) 2. *Ortyx pugnax*. Tem. (The Fighting Grouse of Java.)
 3. *Tinamus rufescens*. Tem. (The Rufescent Tinamoo) 4. Bill of the *Tinamus brasiliensis* Linn.
 (The Brazilian Tinamoo)





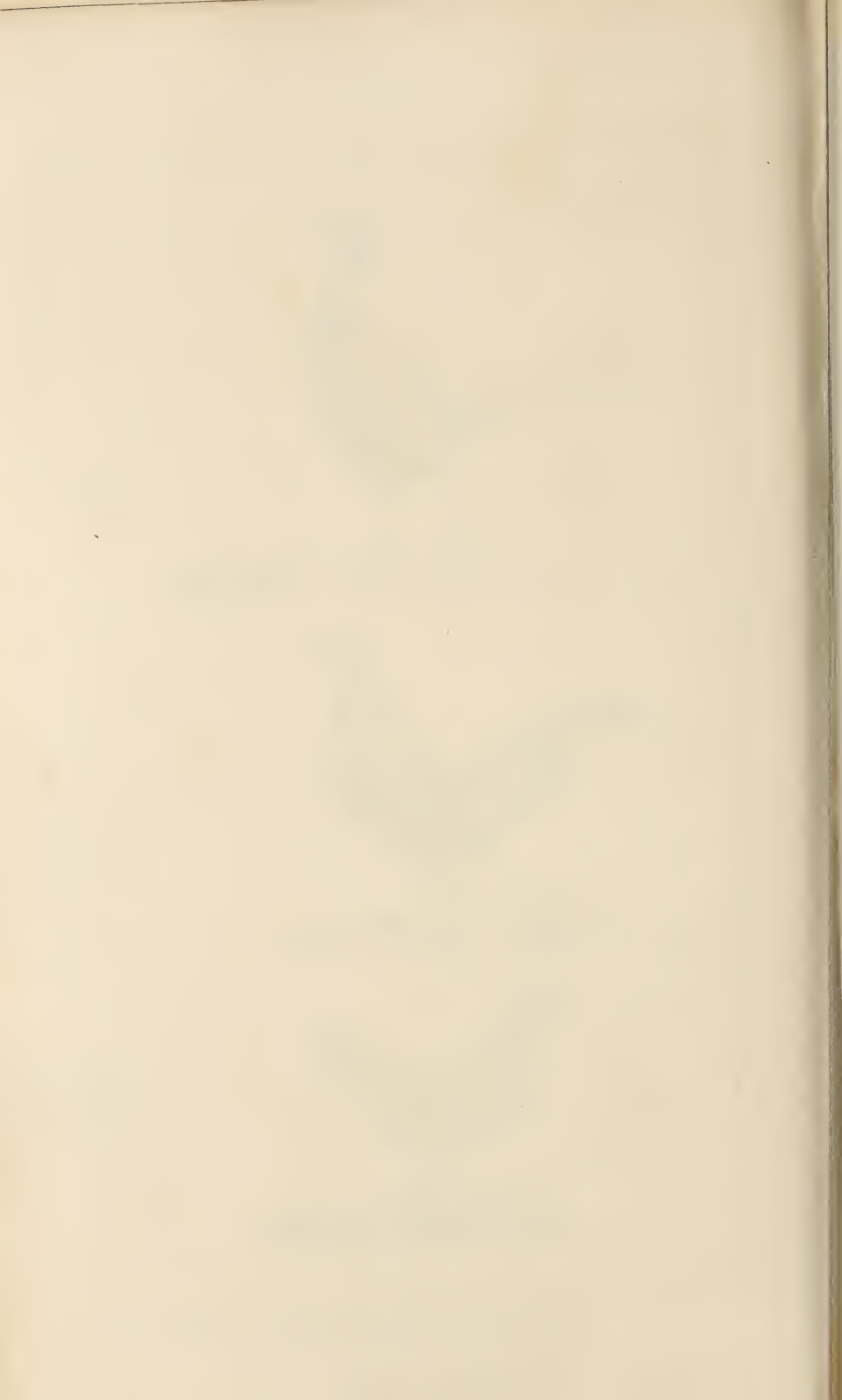
Phasianus Argus, (The Argus Pheasant)

London G Henderson & Old Bailey





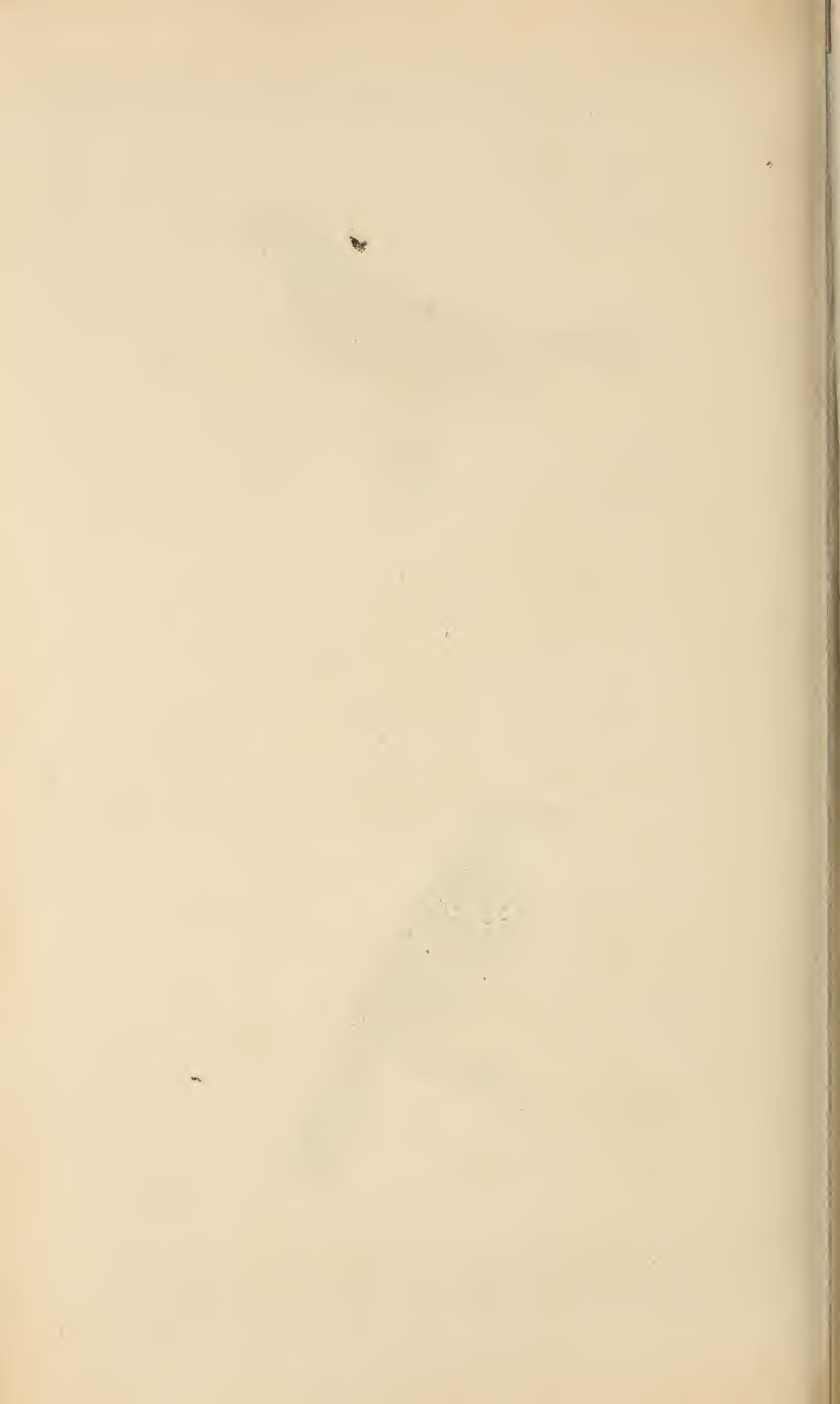
1. *Phasianus torquatus* (the collared Pheasant)
2. *Gallus bankiva tem* (the wild Cock of Java)
2.a. The wild Hen of Java
London, G. Blanderson & W. M. Bailey.





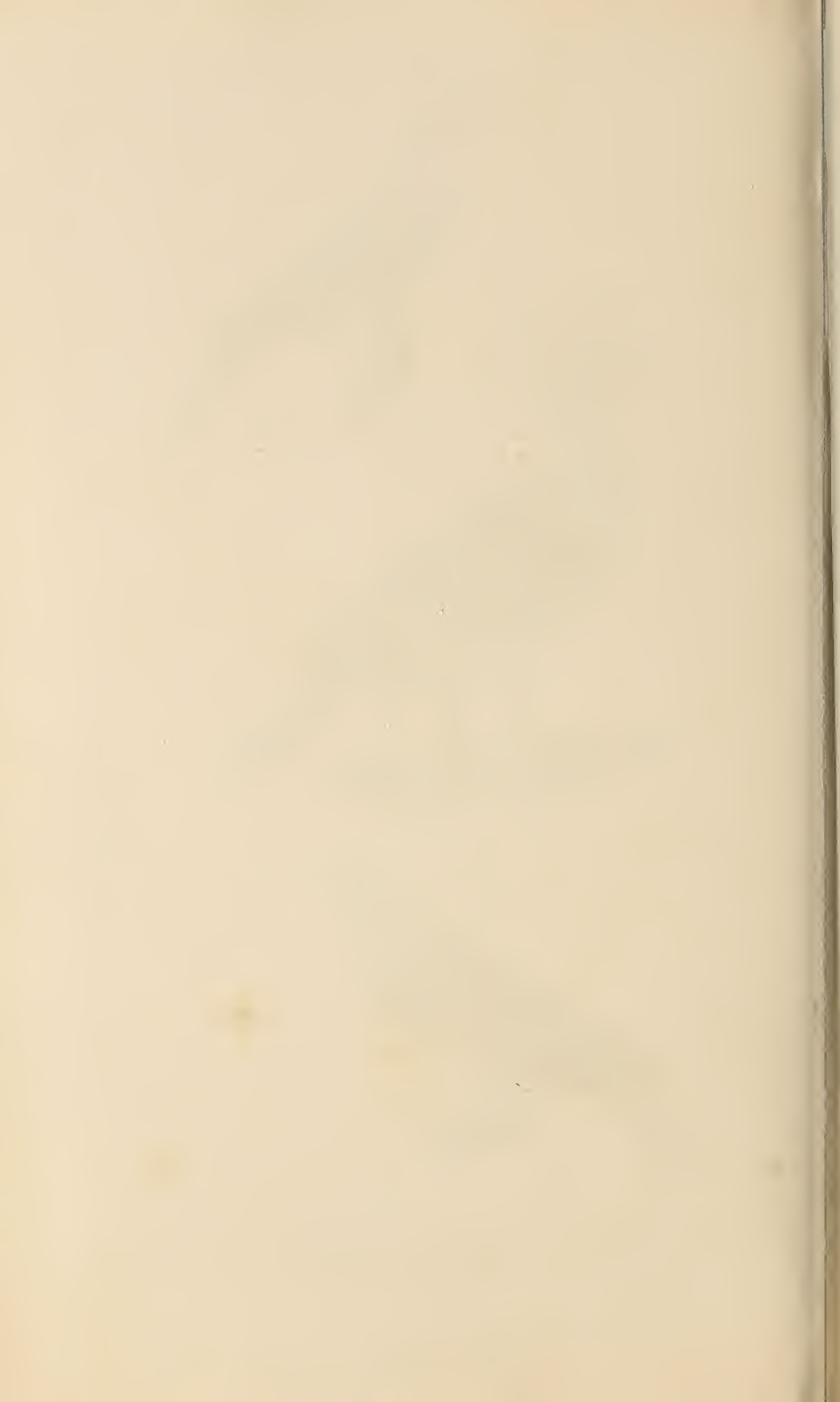
4

1 *Tanagra cyanocephalus* (The Blue headed Tanager) 4 Bill of the *Tanagra speculifera* (Orbit Tanager)
 2 Bill of the *Tanagra cayennensis* (Hulinch Tanager) 5 Bill of the *Tanagra nigerrima* (Cardinal Tanager)
 3 Bill of the *Tanagra Magna* (Great Grosbeak Tanager) 6 Bill of the *Tanagra bmselii* (Rhamphocoma Tanager)
 7 *Turdus Attagularis* (The White necked Thrush)



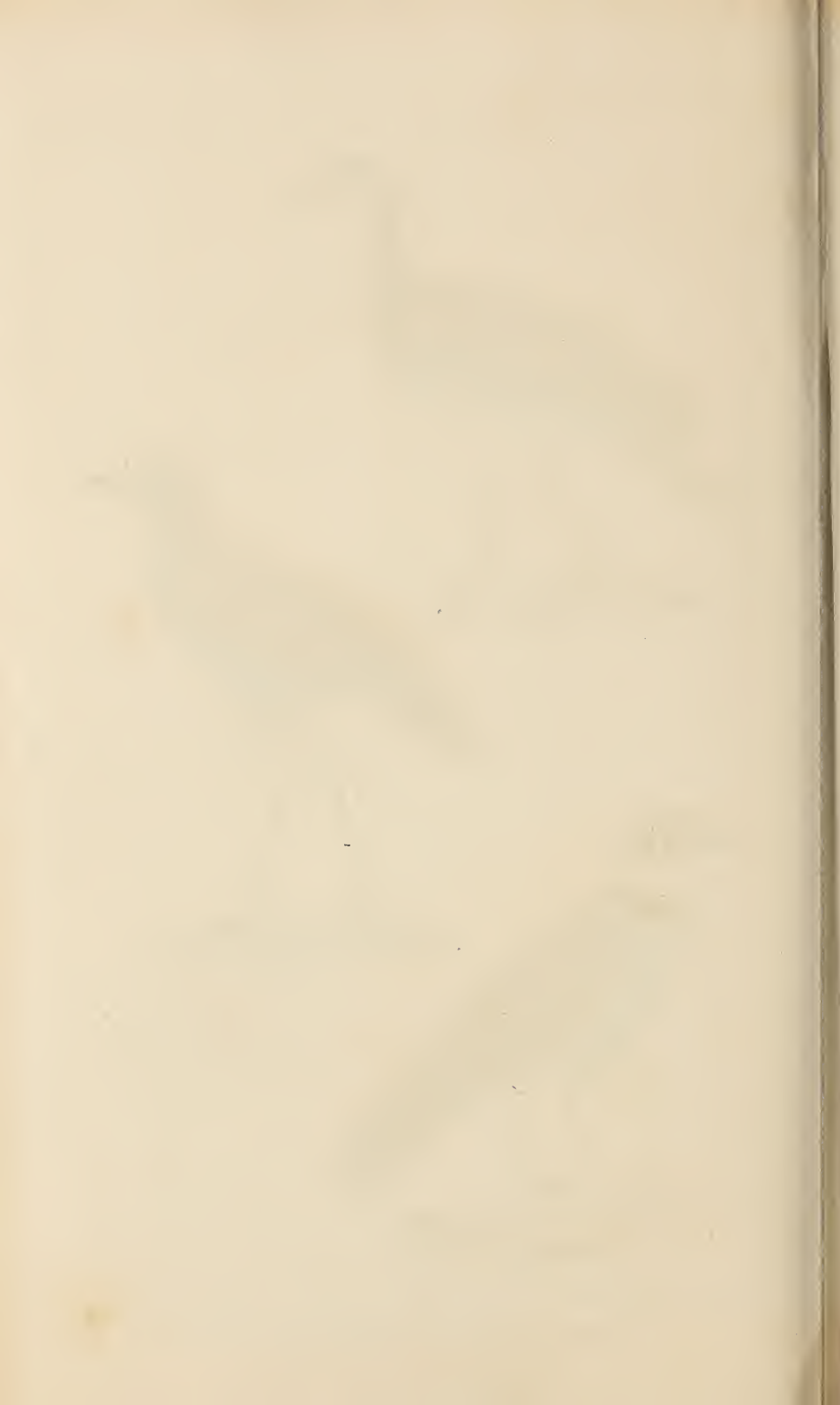


1. *Goura coronata* (The Crowned Pigeon) 2. *Columba porphyreca* Tem. (The Porphyry Pigeon)
3. *Vinago aromatica* (The Spix's Vinago)



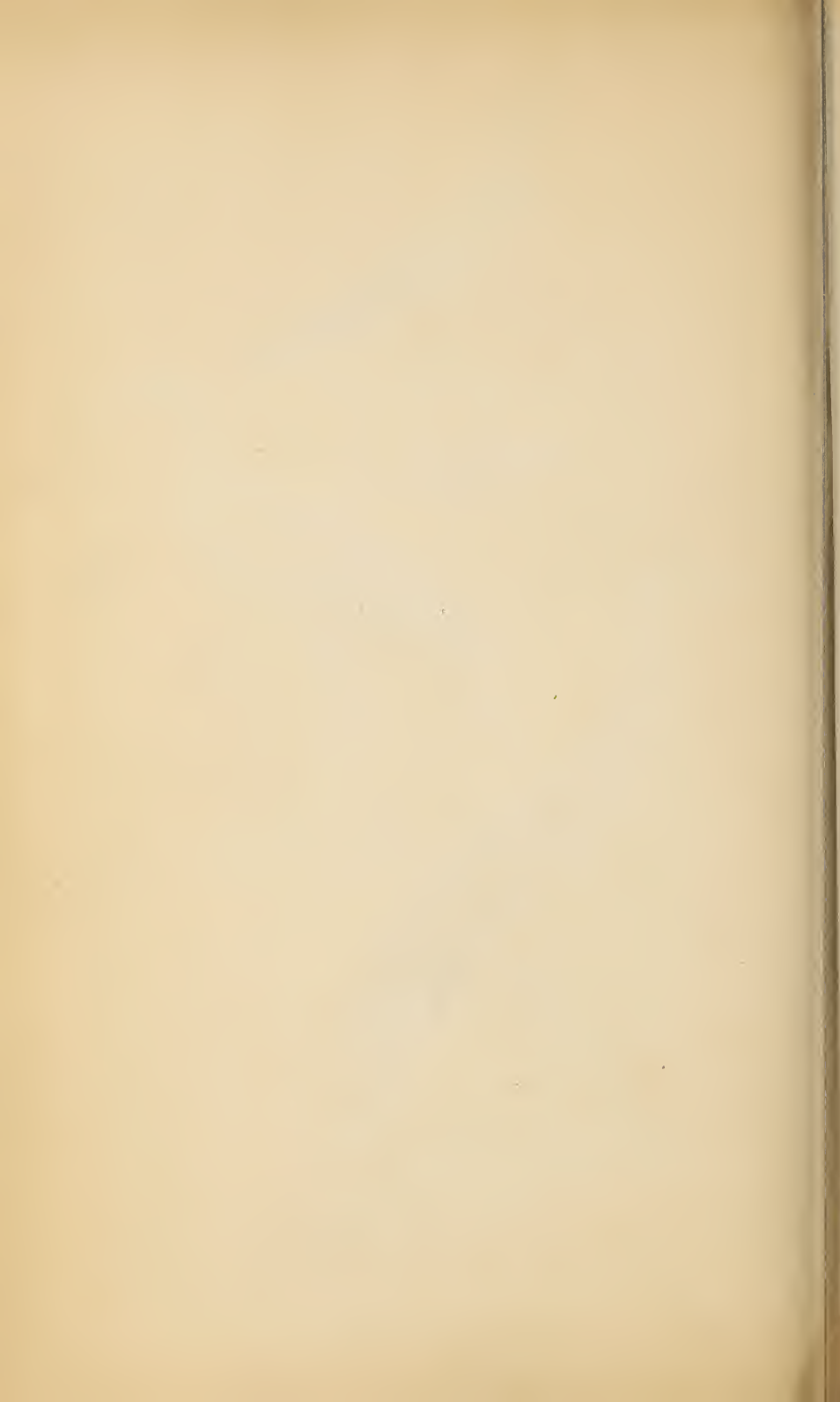


1. *Otis tetras*. Lin. / The little Bustard / 2. *Edicnemus longipes*. Geoff. S. Hill.
3. *Charadrius hiaticula*. Lin. / The Ring Plover /



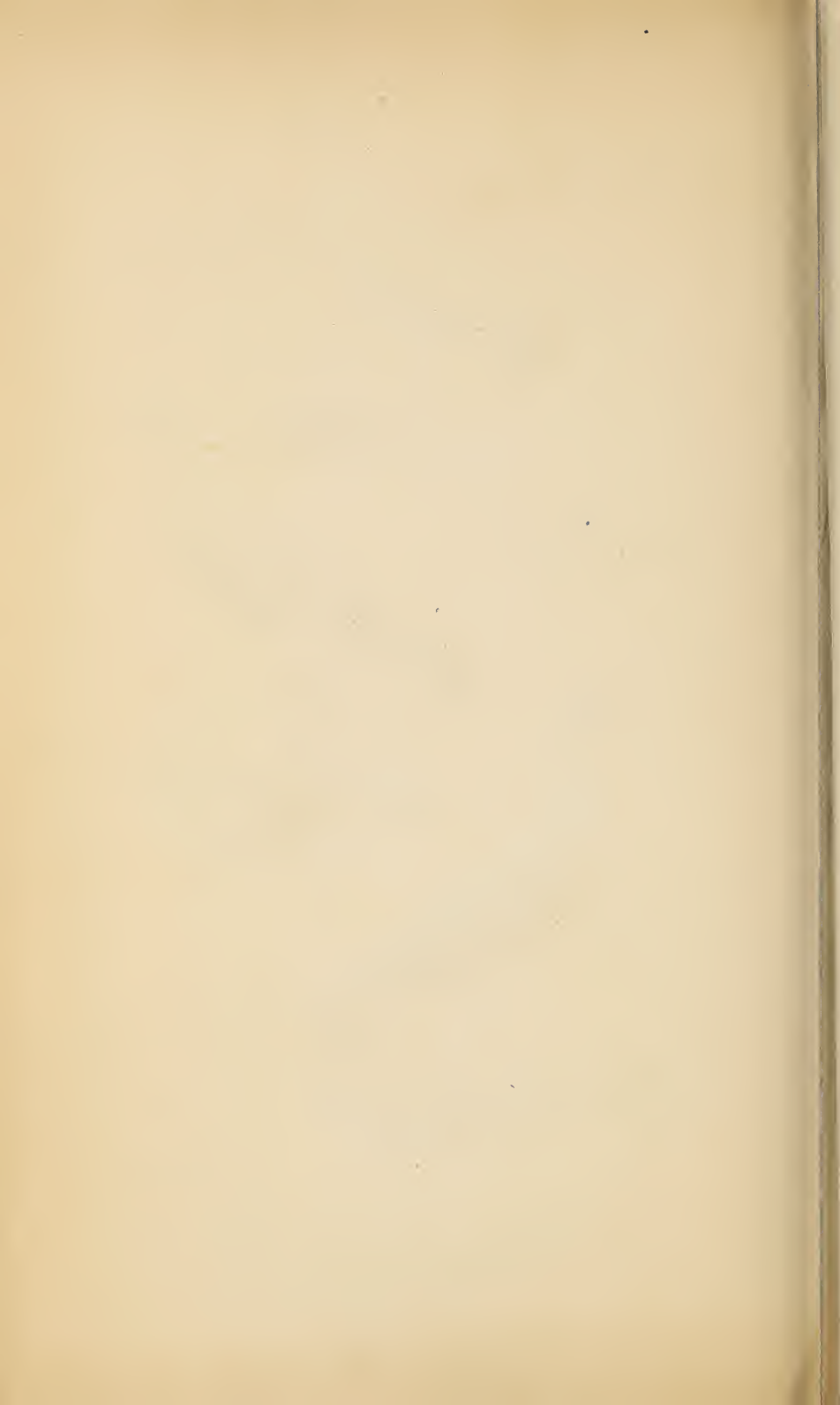


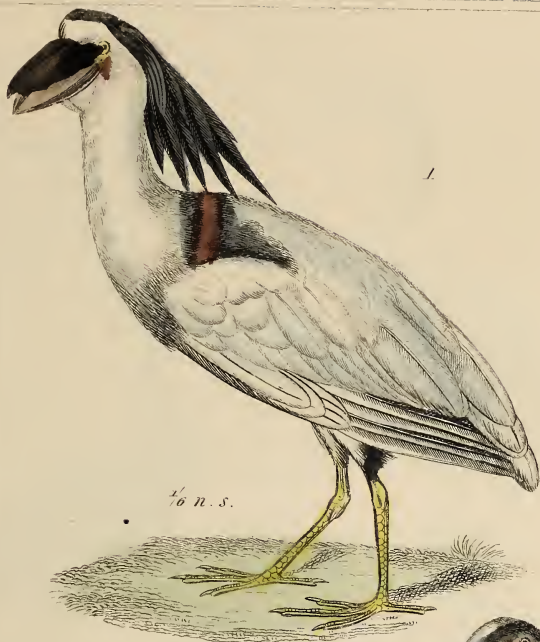
1. *Otus rusticolus*. Guv. (The Great Bustard) 2. Bill of the *Otus tetrax*. L. (The Little Bustard) 3. Bill of the *Otus asia*. Lath. (The Honbard) 4. *Gallinopus maculosus* Guv. (The Speckled Thick Knee) 5. Bill of the *Ed. vulgaris*. Guv. Lin. (The Common Thick Knee) 6. *Charadrius bilobus*. L. (The Bilobate Plover)



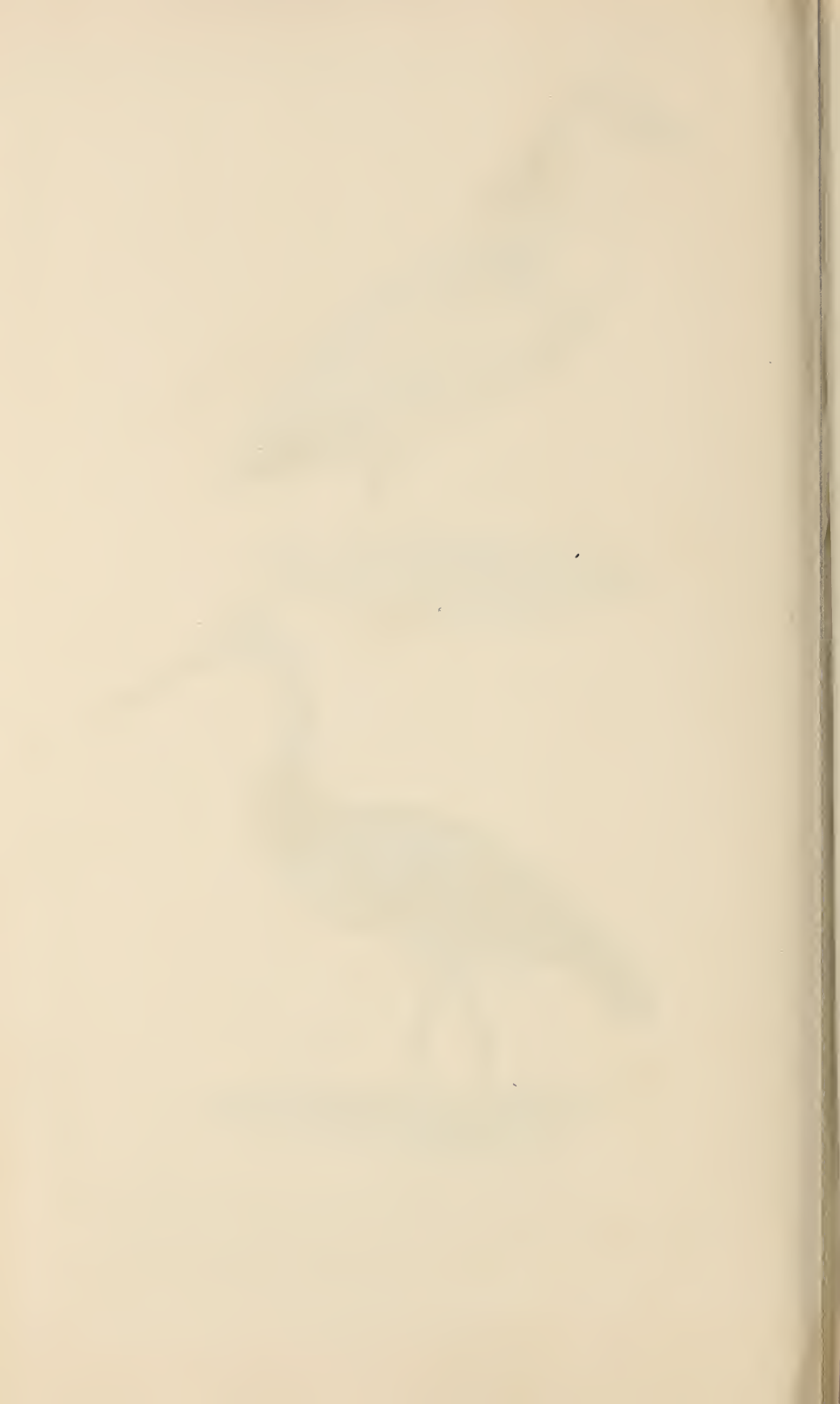


1. *Vanellus cayennensis*. Tem. (The Cayenne Lap-wing) 2. *Hæmatopus palliatus*. Tem. (The Cloaked Oyster-Katcher) 3. *Cursorius coromandelicus*. Lath. (The Coromandel Swift-foot) 4. Bill of the Vanneau commun. / *V. Vanellus* Lin. (The European Lap-wing) 5. Bill of the *Tringa squatarola*. Guv. (The Lap-wing Plover)



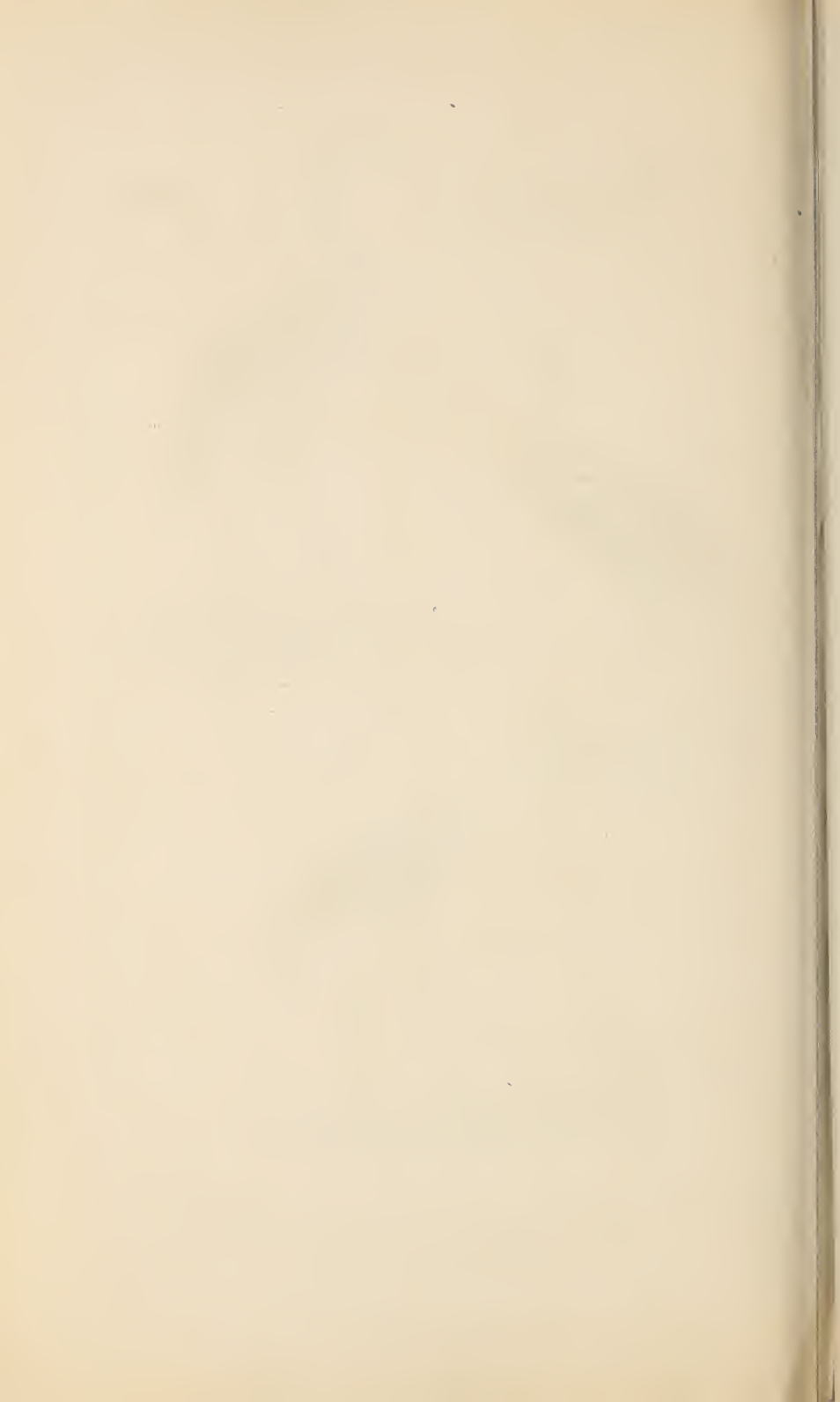


1. *Coccyzus cochlearia* Lin. (The Boat Bill) 2. *Ardea agami* Buff. (The European Crane)





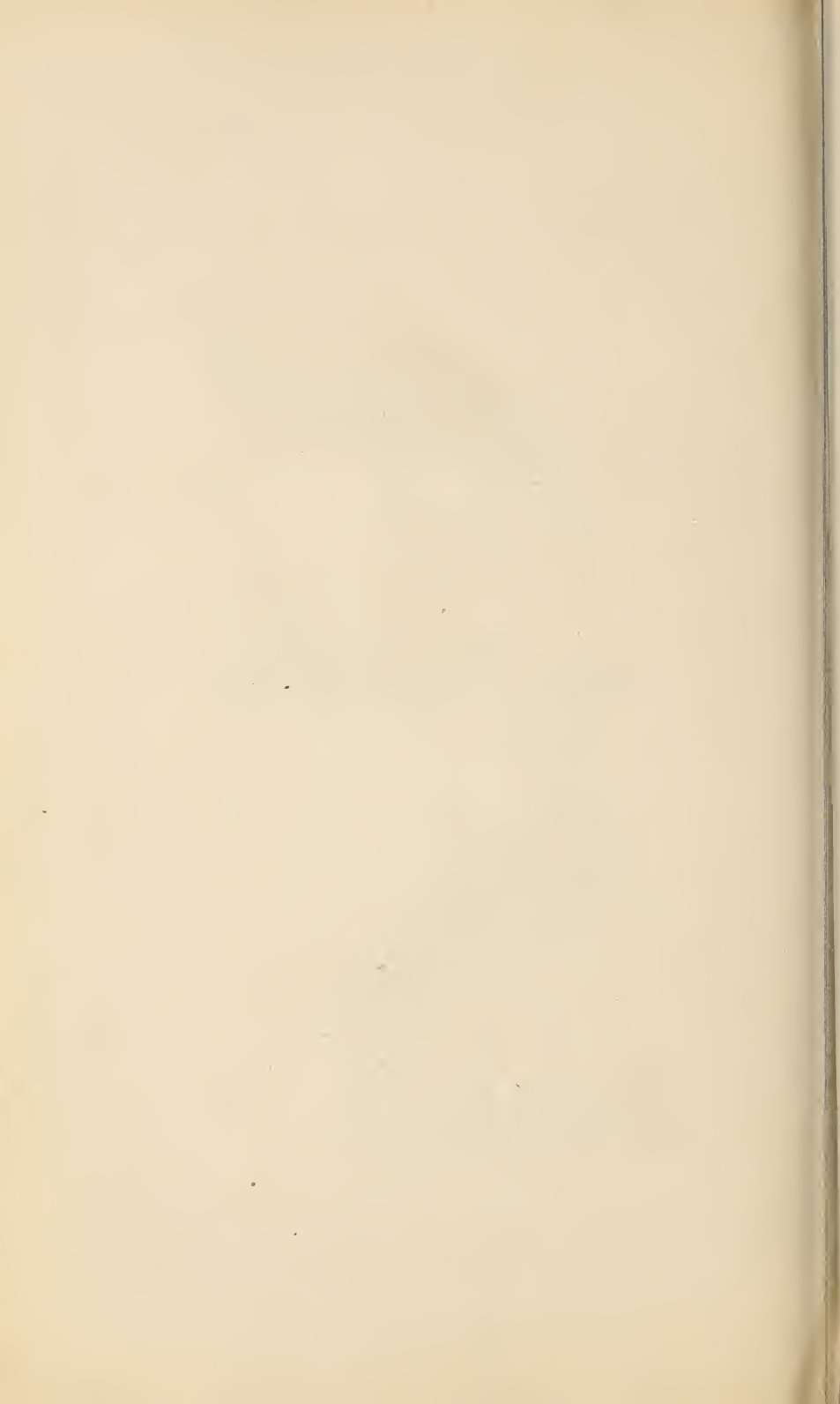
1 *Microdactylus cristatus*. Geoff. (The Short Finger) 2 *Psophia crepitans*. (The Trumpeter)
 3 *Grus carunculata*. (The Crowned Crane)





1. *Ciconia maguari* Vieill. (The Maguari, or American Stork) 2. Bill of the Yabitu Maguari, *senegolensis* Lath. (The Jabutu)

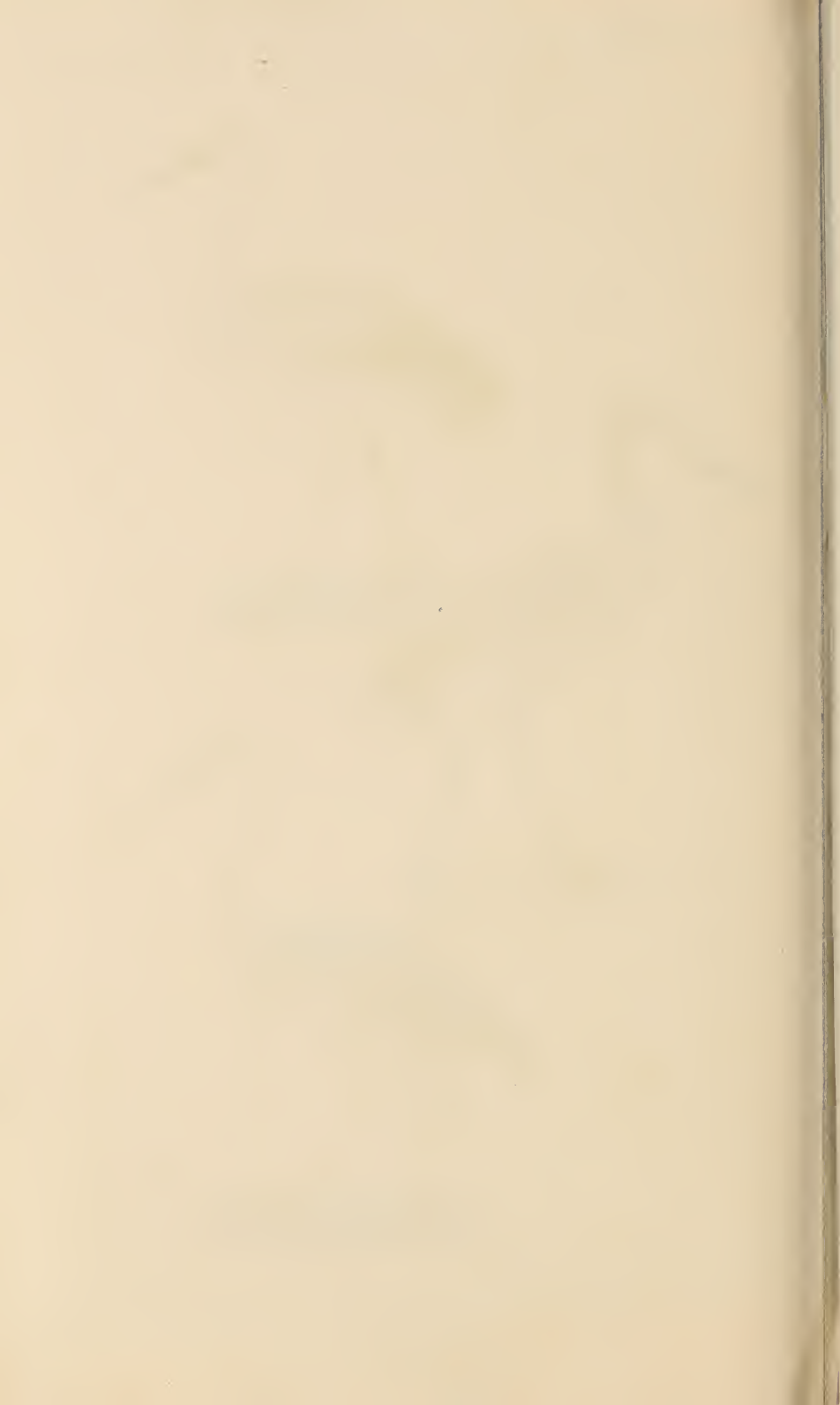
3. *Scopus umbretta* Vieill. (The Umber-coloured Stork)

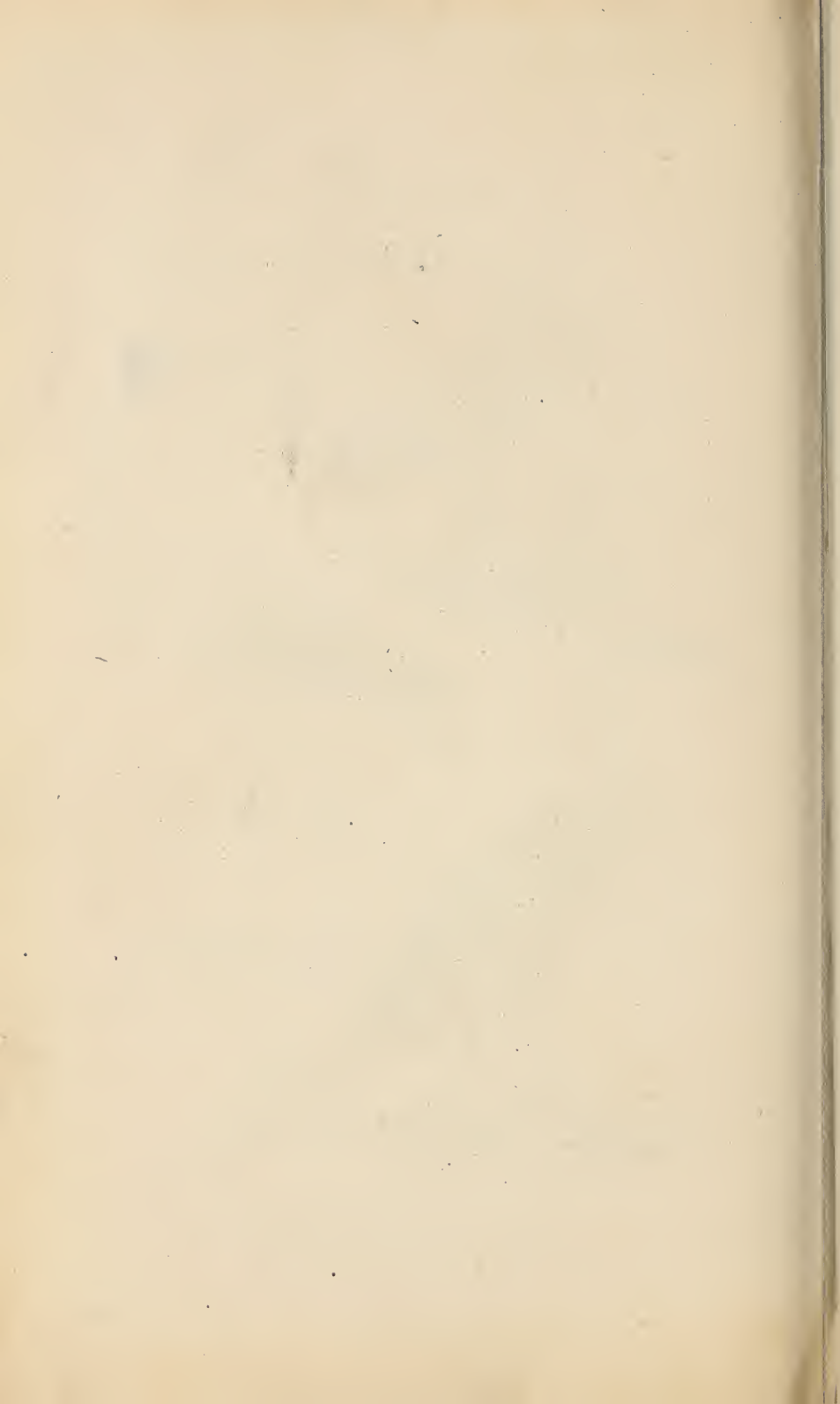




1. *Ardea ciconia* Lin. The White Stork 2. *Mycteria americana* Lin. The American Jabiru 3. *Ardea herodias* Lin. The common Heron

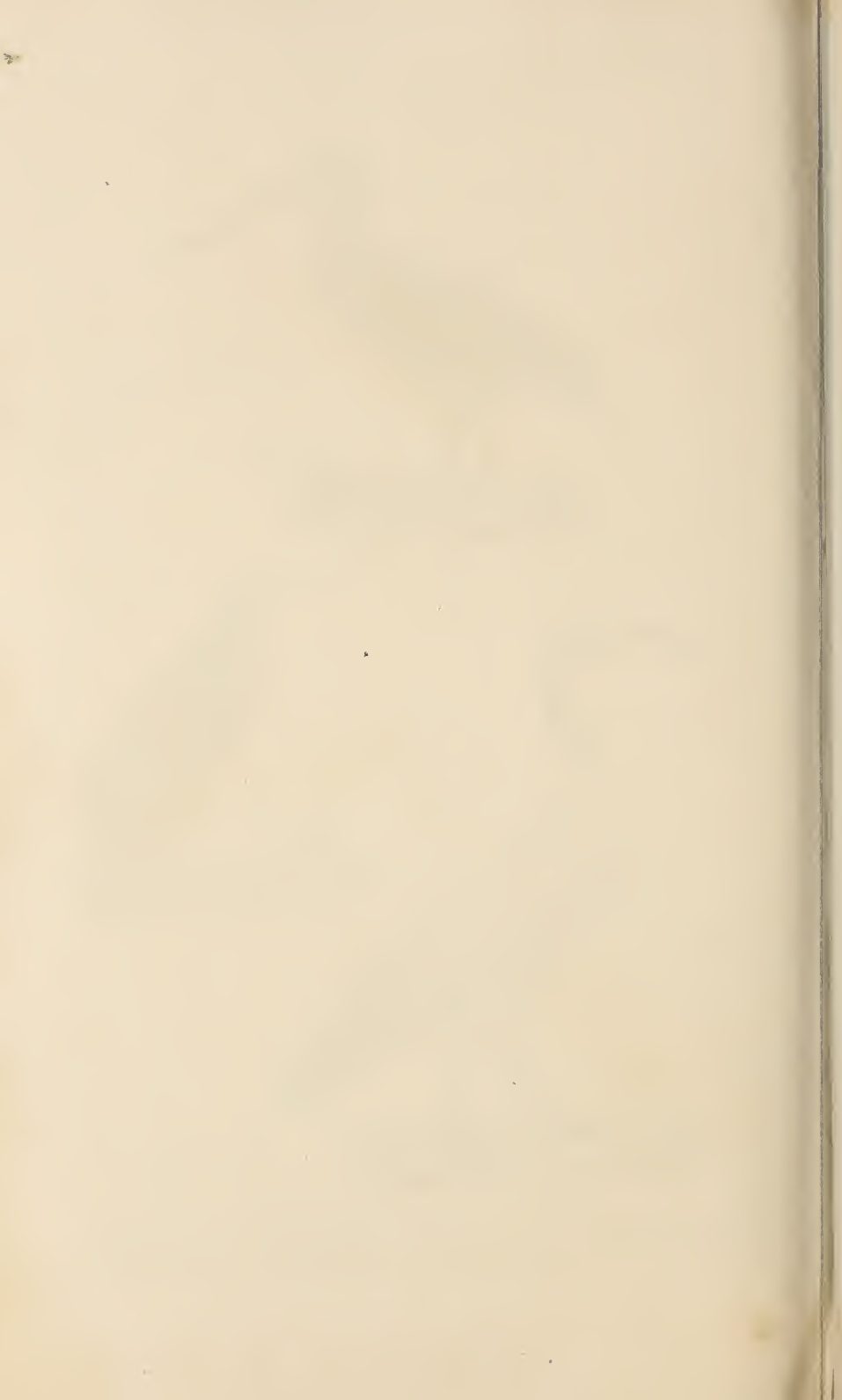
London, G. Andersson. Col. 1848.







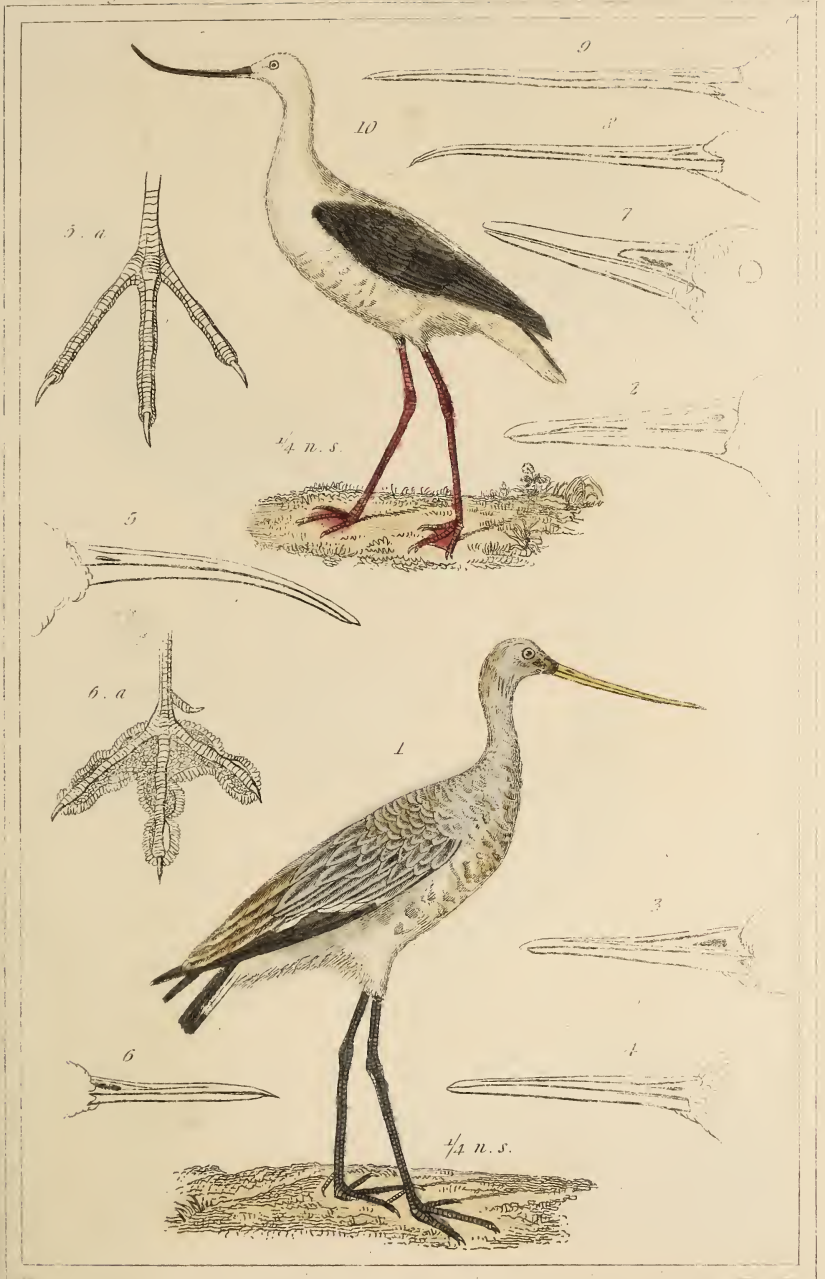
1. *Scolopax gigantea* Tem. (The Gigantic Woodcock) 2. *Blythaea hircana* Val. (The Brazilian Stupa)
 3. *Ibis Religiosa*. (The Sacred Ibis)



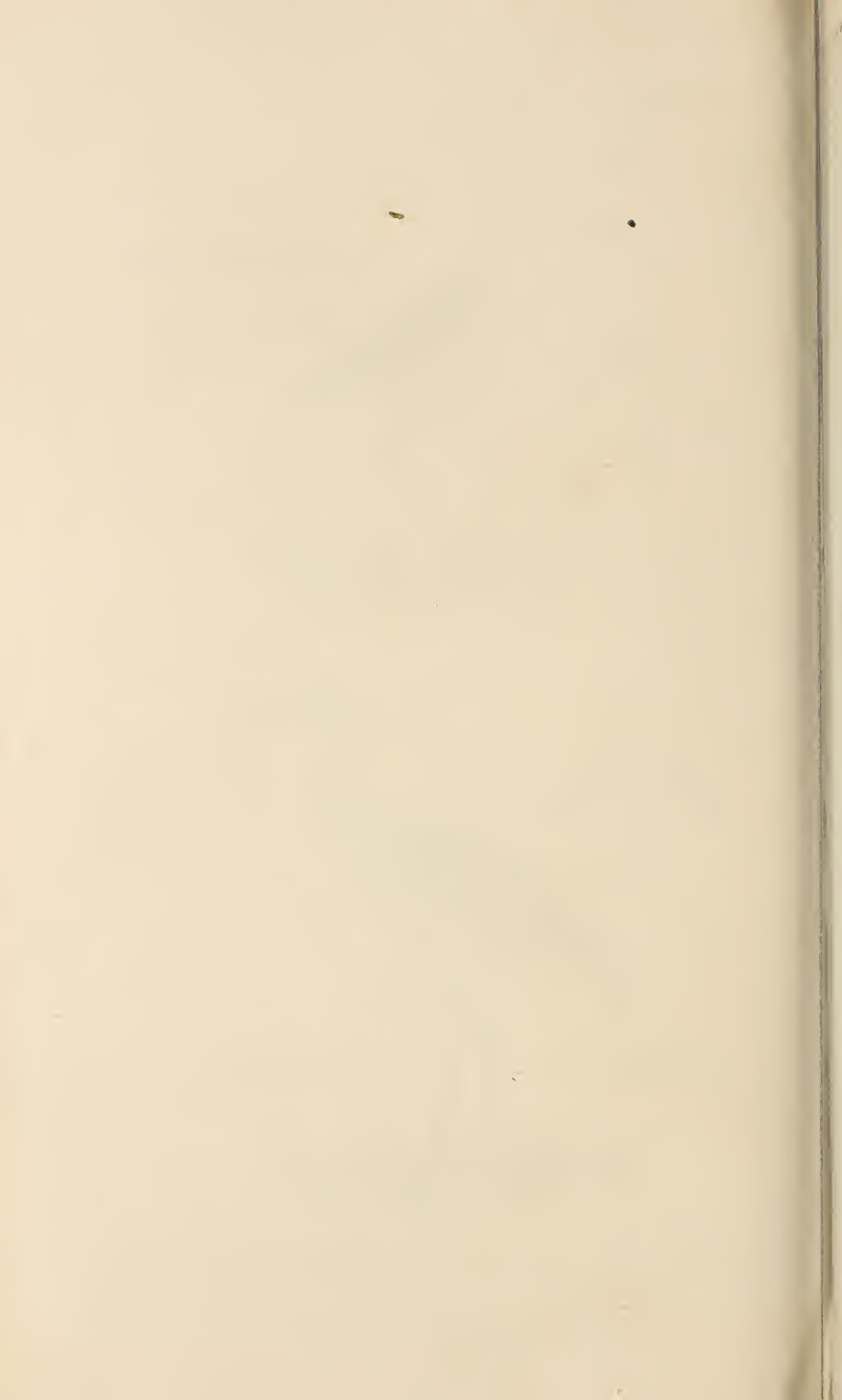


1. *Tringa islandica*, Gmelin. The Sandpiper. 2. *Tringa pugnax*, Lin. The Ruff.
3. *Scolopax arcuata*, Lin. The European Curlew.





1. *Limosa melanura* Leister. (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 *Pedina alpina* Gm. (The Alpine
Falidna) 5. Bill of the *Falcinella (Se pyguwa* L. (The Pigmy Curlew) 6. Bill of the *Phalaropus lobatus*.
 (The Lobated Phalarope) 7. Bill of the *Strepsilas interpres* L. (The *Strepsilas*) 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 phorphyrus*. Lin.
3. *Fulica atra*. Gmelin. (The Coot)

London: G. Henderson, 2, Old Bailey.



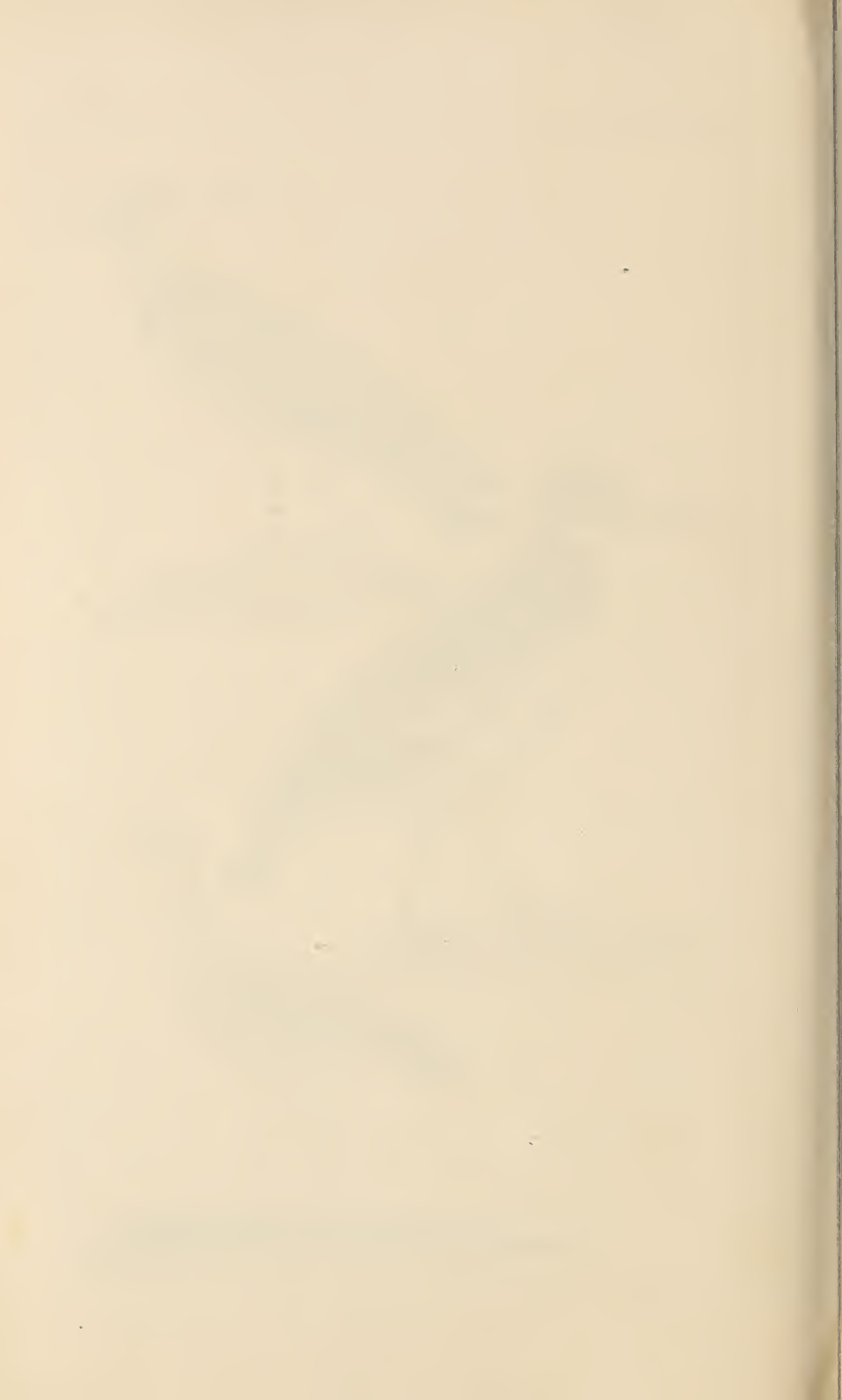
1. *Palamedea cornuta* Lin. 2. *Charadrius himantopus* Lin.

3. *Recurvirostra avicetta* Lin.



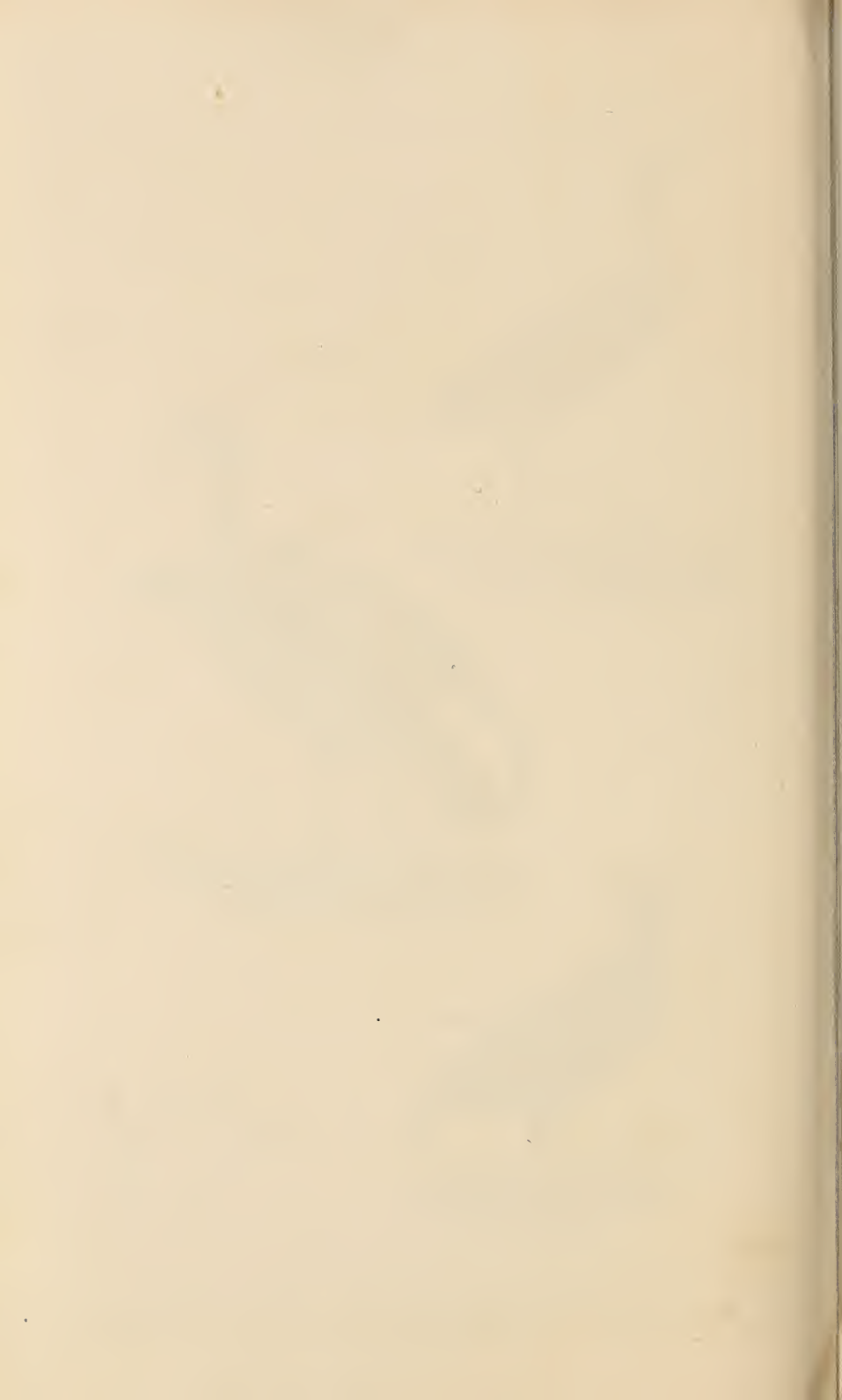
1. *Tringa vanellus*. Lin. The European Lapwing. 2. *Hematopus ostralegus*. Lin. The Oyster Catcher.

3. *Cursorius isabellinus*. Meyer.



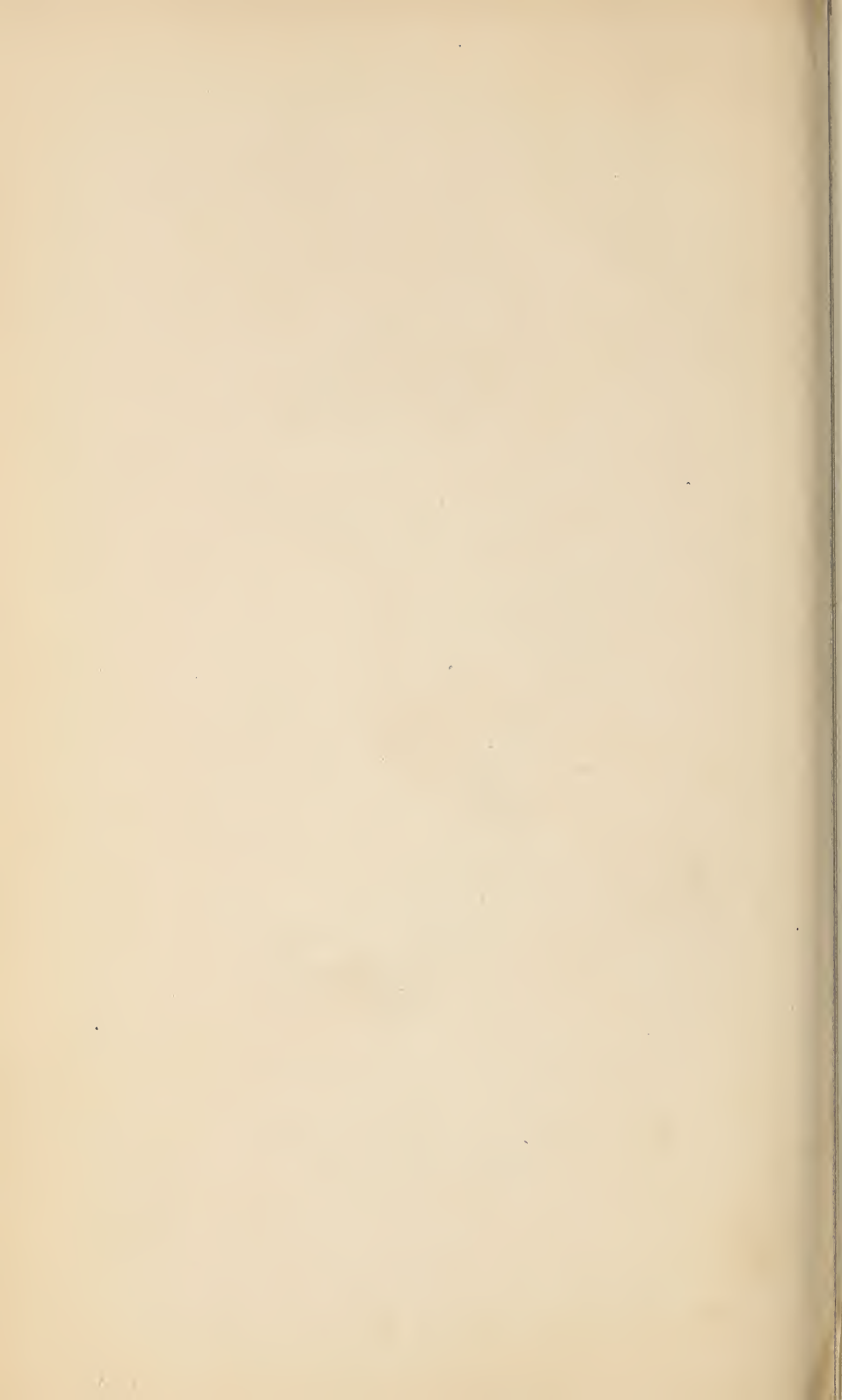


1. *Parva albicauda* Laid Geoff (*Magas de Zoologie* / *The Boonied Tucana*) / 2. Head of the *Palamedia cornuta* Lin. (*The Kūiuchi or Horned Screamer*) / 3. *Channa chavaria* Lin. (*The Chata of Paraguay*) / 4. *Megapodius Duperreyi* Gaimot & Lesson (*The Tavon of Duperrey*)





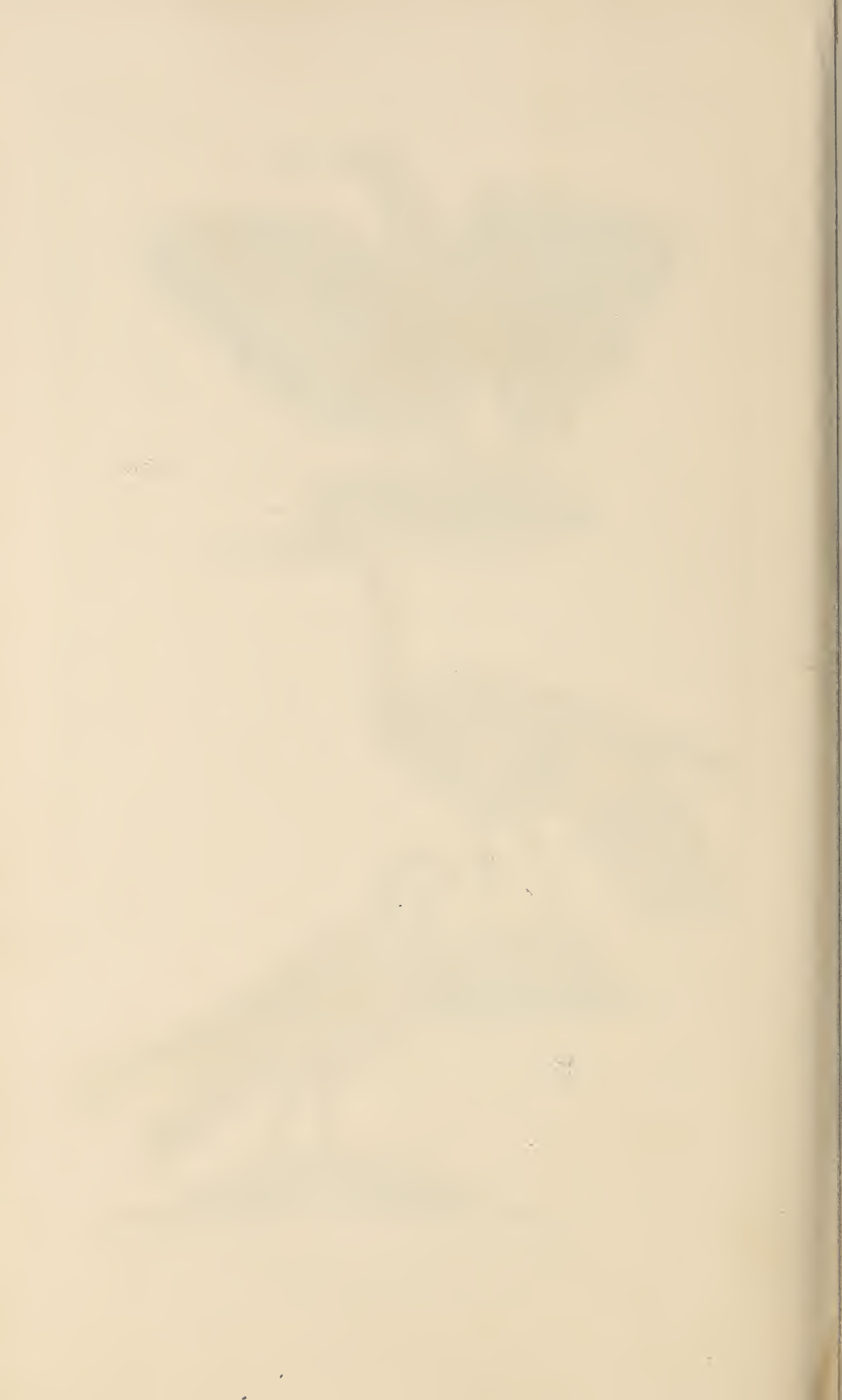
1. *Rallus galarius*. (The European Water Rail) 2. *Porphyrio smaragnotus*. Tem. (The Emerald or Sultana Coot)
 3. Bill of the *Rallus aquaticus*. Lin. (The Water Rail) 4. Bill of the *Rallus crex*. Lin. (The Rail) 5. Bill of the
Rallus porzana. Lin. (The Spotted Rail) 6. Bill & foot of the *Gallinula chloropus*. Lin. (The Water Hen) 7. Bill
 & foot of the *Fulica atra*. Linnel. (The Common Coot) 8. Head of the *Chonotis nicrophaga*. Vieill. (The Sheath Bill)

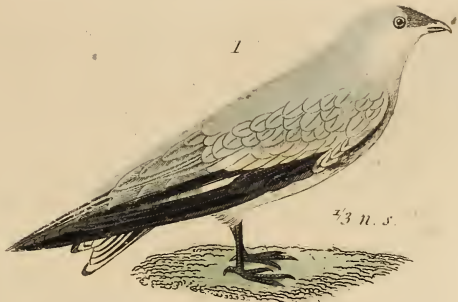




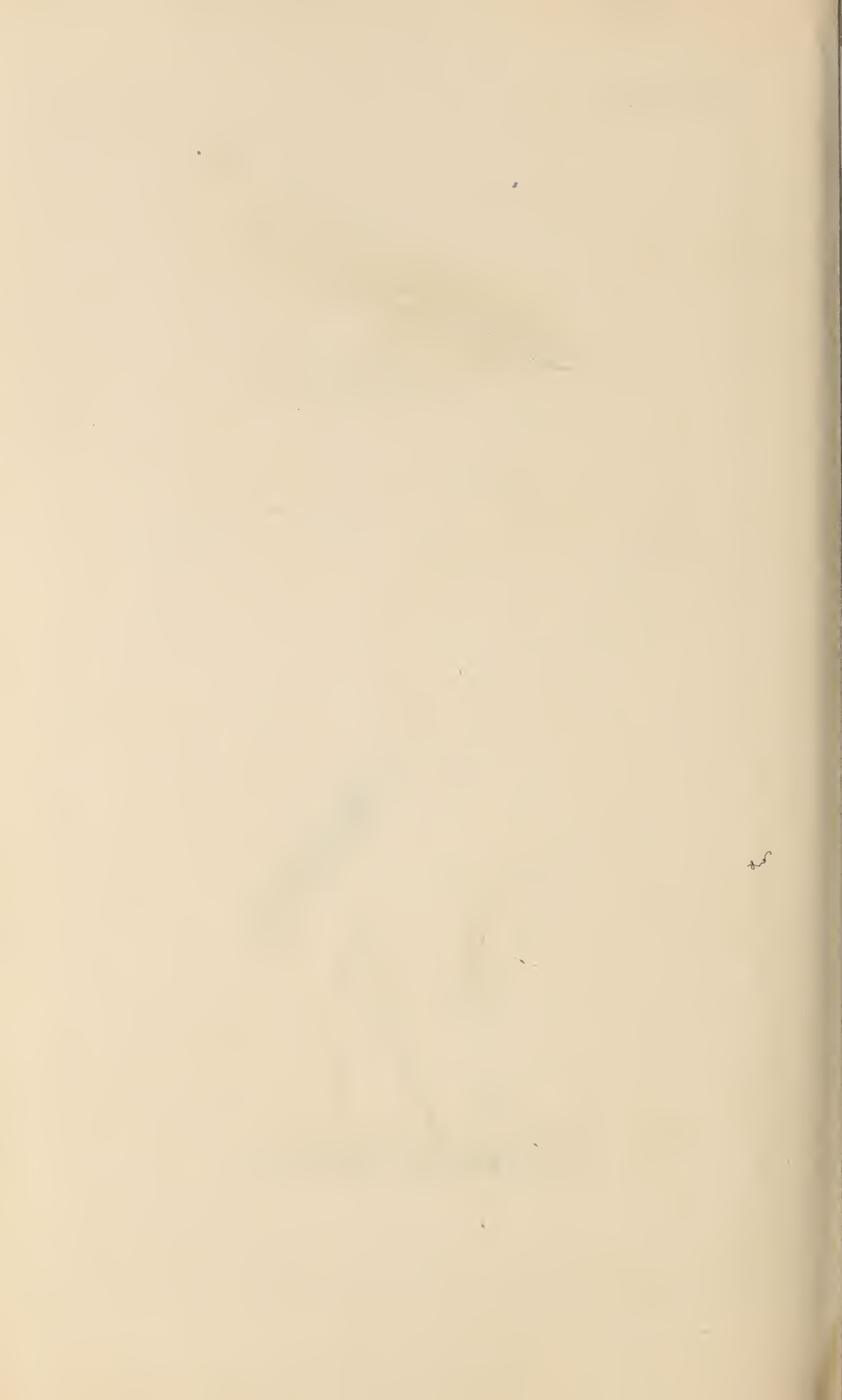
1. *Scolopax capensis*. *im.* 2. *Scolopax helius*. *Lath.*

3. *Phalaropus rufus*. *Bechst.*





1 *Colaptes lactea* Tem. (The Milky Frigate) 2 *Phaenicopterus ignipallatus* Isid. Geoff et d'Orb. (The Ivory Flamingo) 3 Bill of the *Phaeni ruber* Ent. (The Red Flamingo)

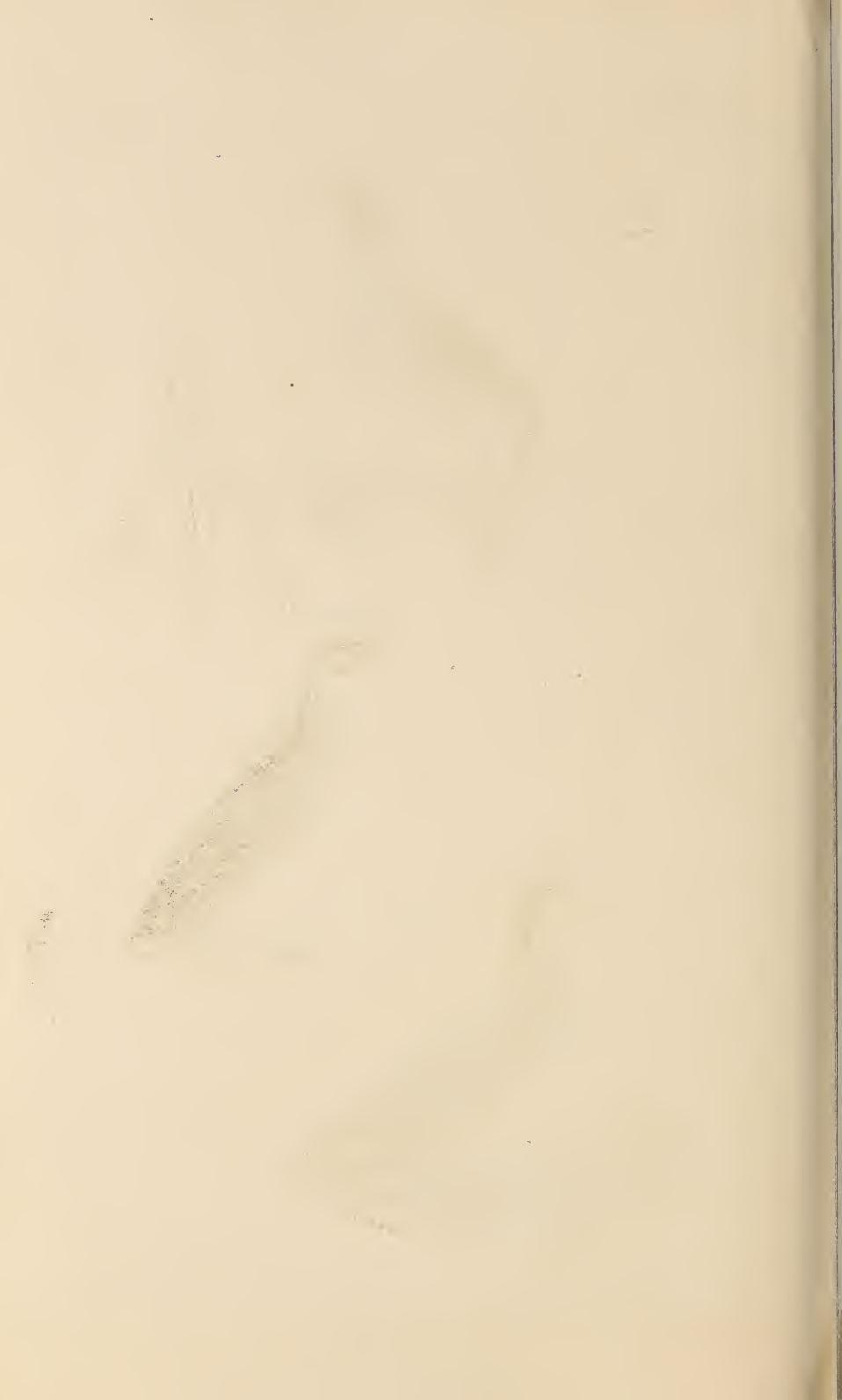




1. *Glaucola austriaca*. Ent. [The European Partridge or Sea Partridge] 2. *Phoenicopterus ruber*. Ent. [The Red Flamingo] 3. *Vidua chionis*. Lath. [The Shearwater]

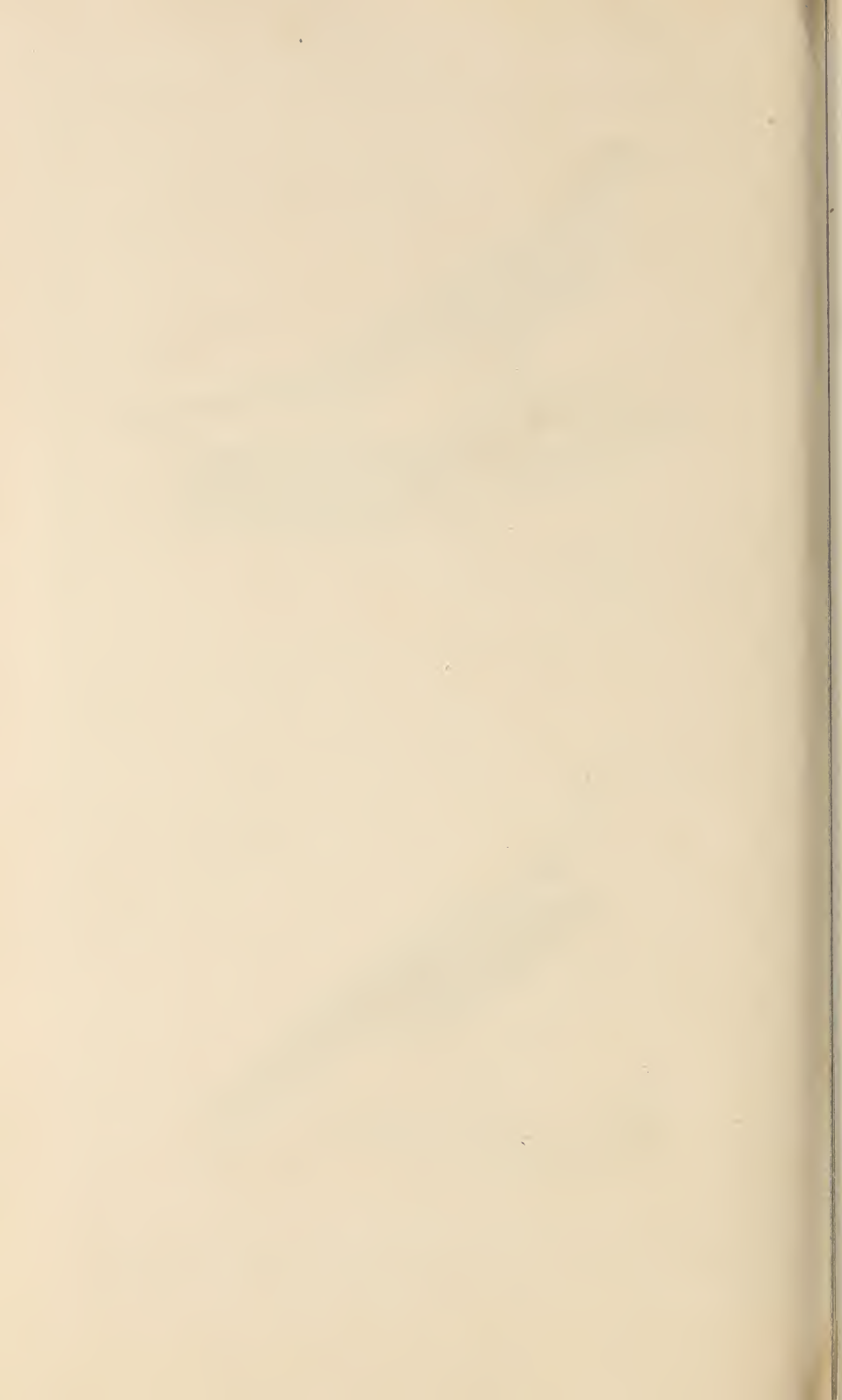


1. *Colaptes auratus* Vieill. The Golden-crow. 2. *Halobastur aurimaculatus* Sw. (The Surinam Heliochelis). Head & Foot of the *Columbus glaucus* L. (The Great Northern Diver). 3. Bill of the *Ceryle alcyon* Vieill. The Kinglet. 4. Bill of the *Colaptes auratus* Vieill. (The Golden-crow). 5. *Ceryle alcyon* Vieill. (The Kinglet).





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 stolidus*. L. The Noddy 4. Bill of the *Rhychops nigra* L. The Black skin





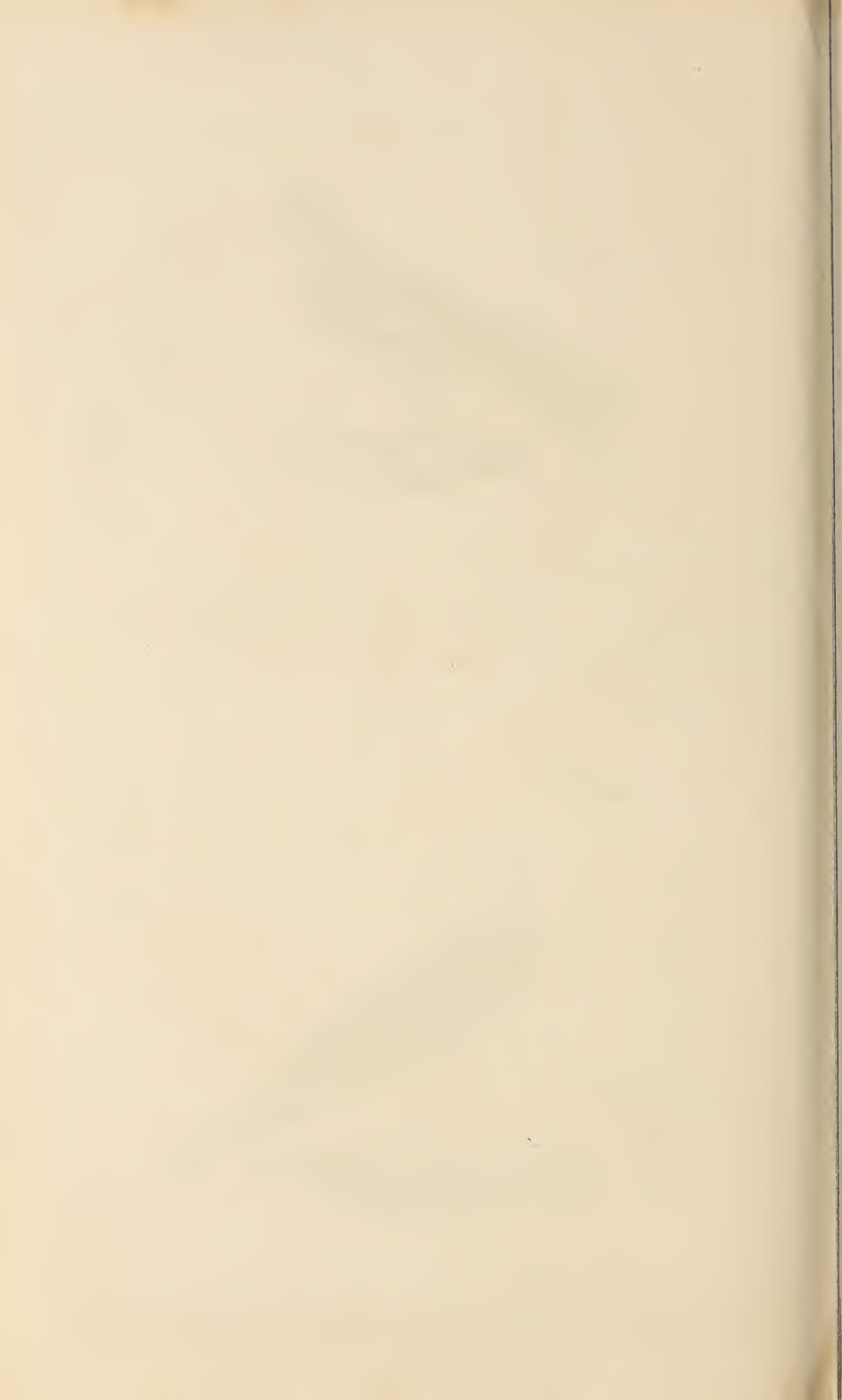
1. *Pelecanus onocrotalus*, L. (Var. *fuscus* Edw. (The braying or Common Pelican) 2. *Tachypetes aquilus*, L. (The South Sea Frigate bird) 3. *Carbo cristatus* (The Crested Cormorant)





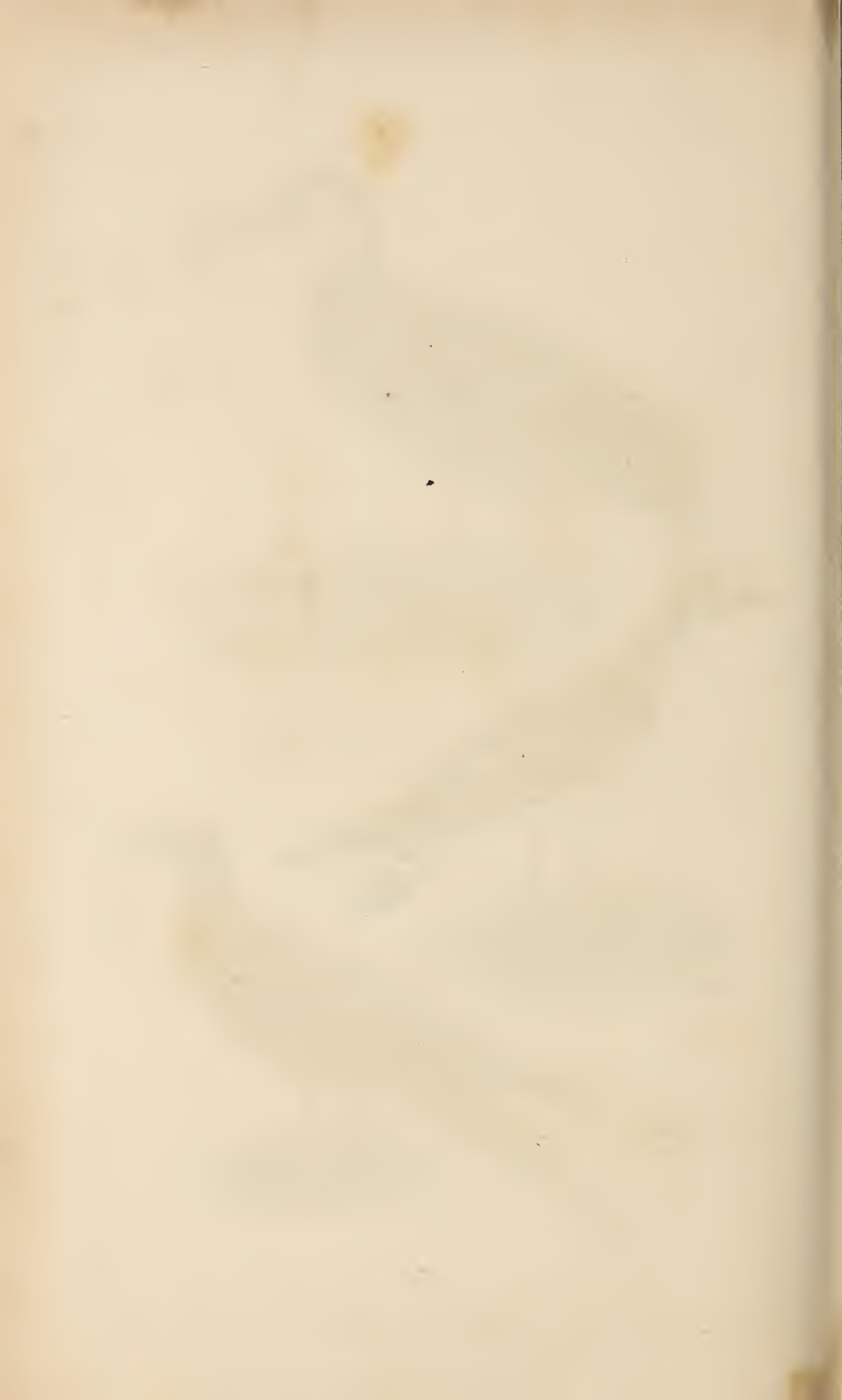


1. *Procellaria petropica* Lin. (Mother Carey's Chicken) 2. Bill of the *Foec. glacialis* Gmel. (The Fulmar)
 3. Bill of the *Puffinus equinoctialis* Edw. (The Equinoctial Puffin) 4. Bill of the *Pachyptila vittata* Forst. (The Leaned Petrel) 5. *Diomedea melanophrys*. (The Albatross)





1. *Diomedea exulans*. Lin. / The common Albatross / 2. *Procellaria capensis*. / The Cape Petrel or Cape Pigeon / 3. *Larus crepitans*. Gm. / The Arctic Gull /



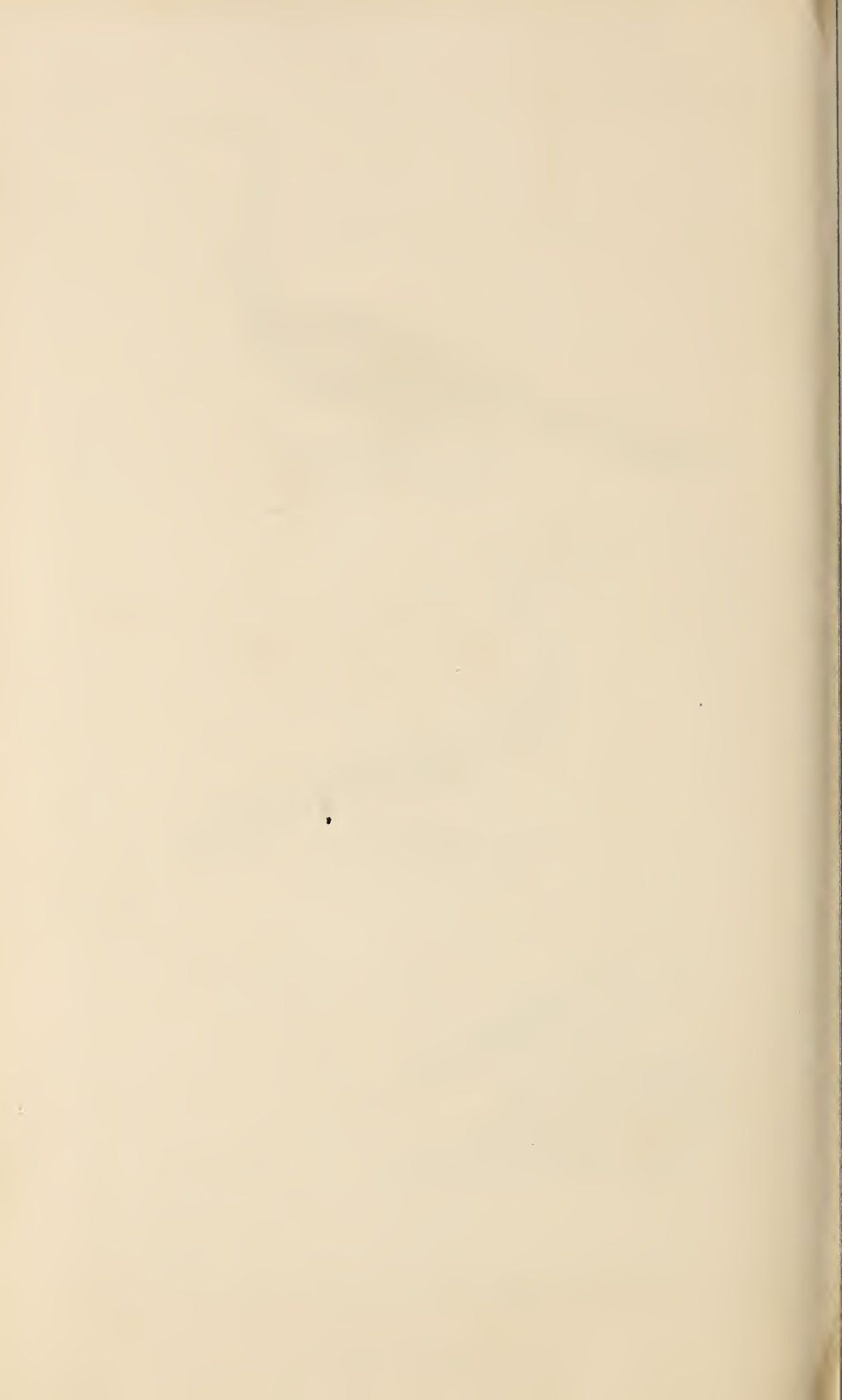


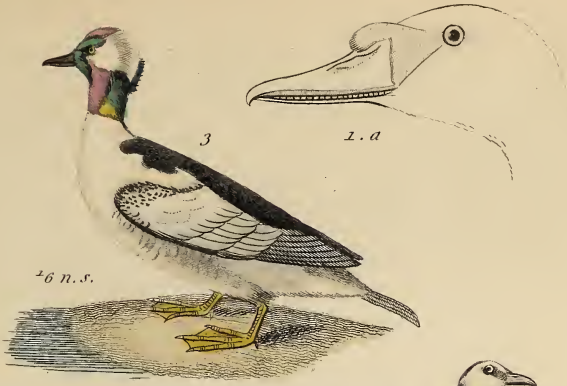
1. *Blecuus Bassanus* L. (The Booby Adult) 2. *Anas Atrata* Lath. (The Black Swan)
3. *Rhynchops Nigra* L. (The Black Skimmer)



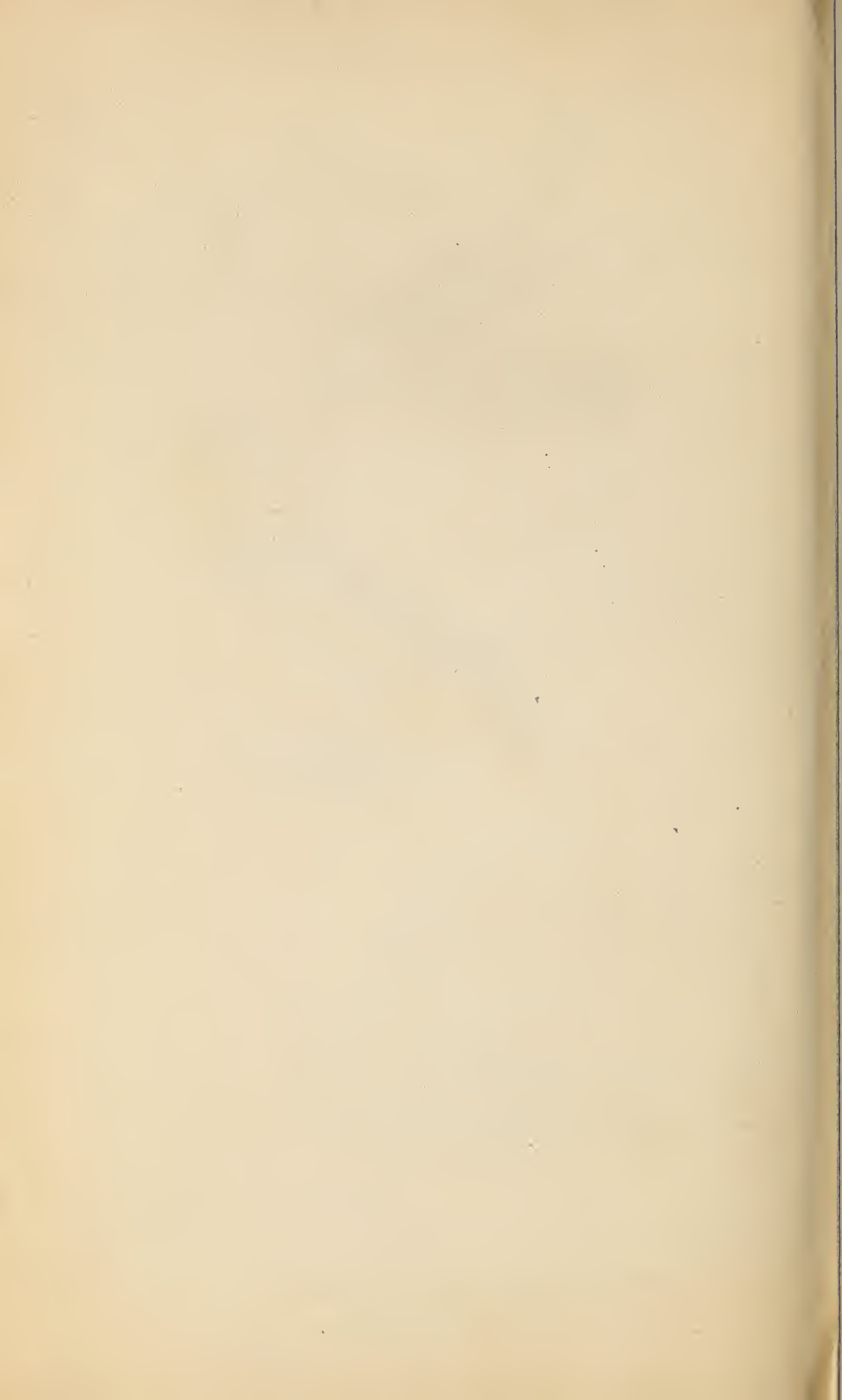


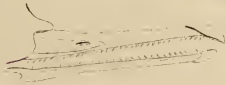
1. *Plotos Levaillanti* Bechst. (The Black-bellied Darter) 2. *Sula parva* Gmel. (The Bassan or Common Booby) 3. *Phaethon Phanicurus* Vieill. (The Common Tropic Bird)





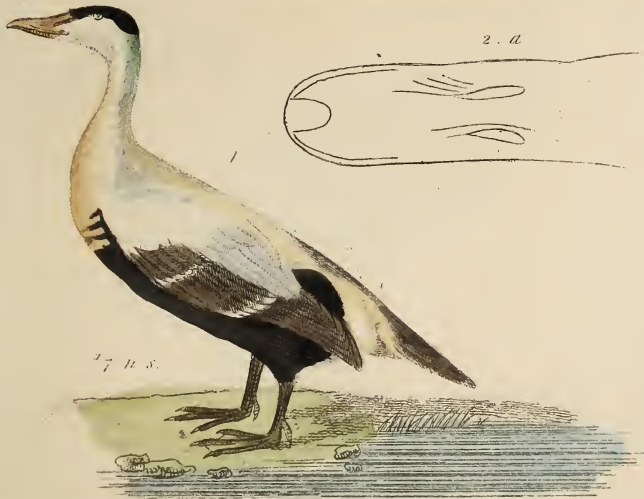
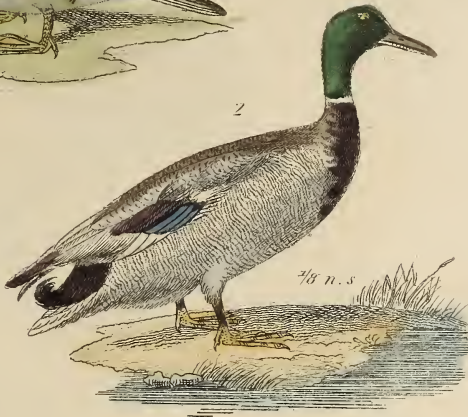
1. *Cygnus olor*. Gmel. (The Red billed or Domestic Swan) 2. *Anser (Bernache) erythropus*. Gmel. (The Bernacle Goose) 3. *Anas (Garrot) Albeola*. Gmel. (The Golden Eye)



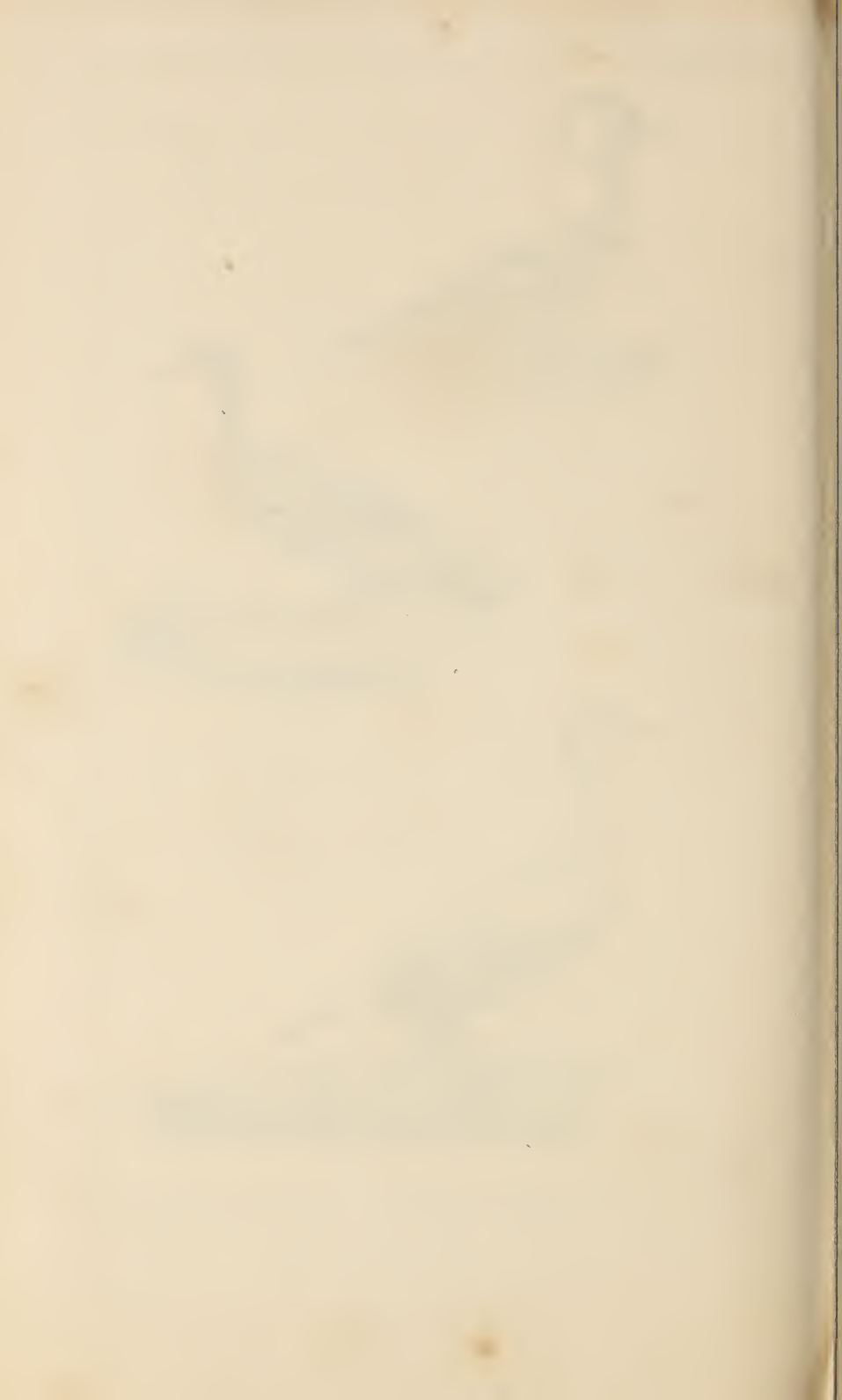


1 Anser cinereus Meyer (The Wild Goose) 2 Mergus serrator (The Red-breasted Merganser)
3 Anas boschas L. (The Wild Mallard)





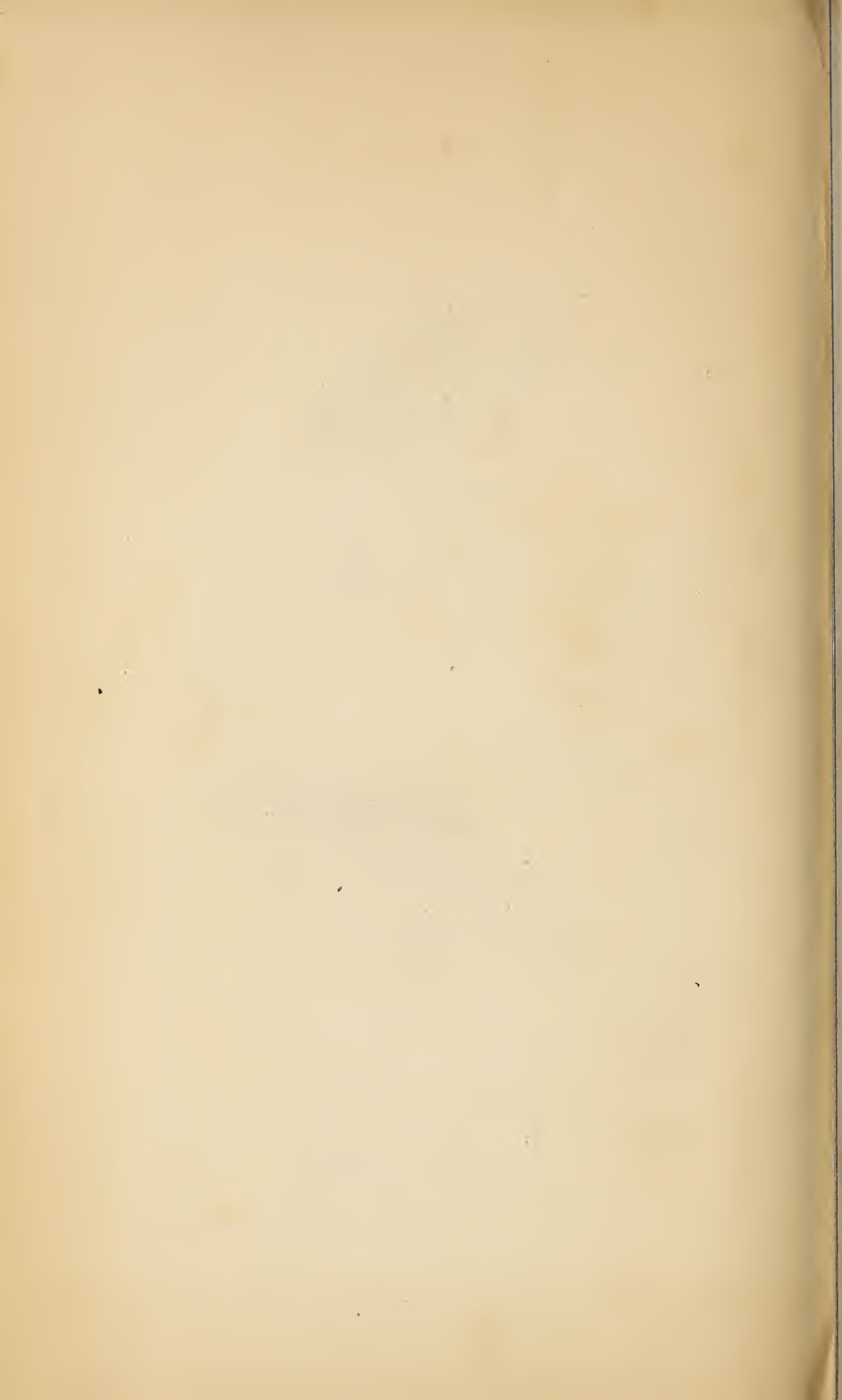
1. Eider (*Anas mollissima* L. (The Eider or St. Cathbert's Duck) 2. Tuftone (*Anas boschas* L. (The Mallard)
3. Mergus cucullatus End. (The Goosander)





1. *Stentho camelus*. Cav. (The Ostrich)

2. *Casuarius galeatus*. Vieill. (The galeated 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 M^r Olivier.





1. Numenius Ibis. (The true Ibis of the Egyptians.)

