

**The naturalists' miscellany, or, Coloured figures of natural objects; drawn and described immediately from nature.**

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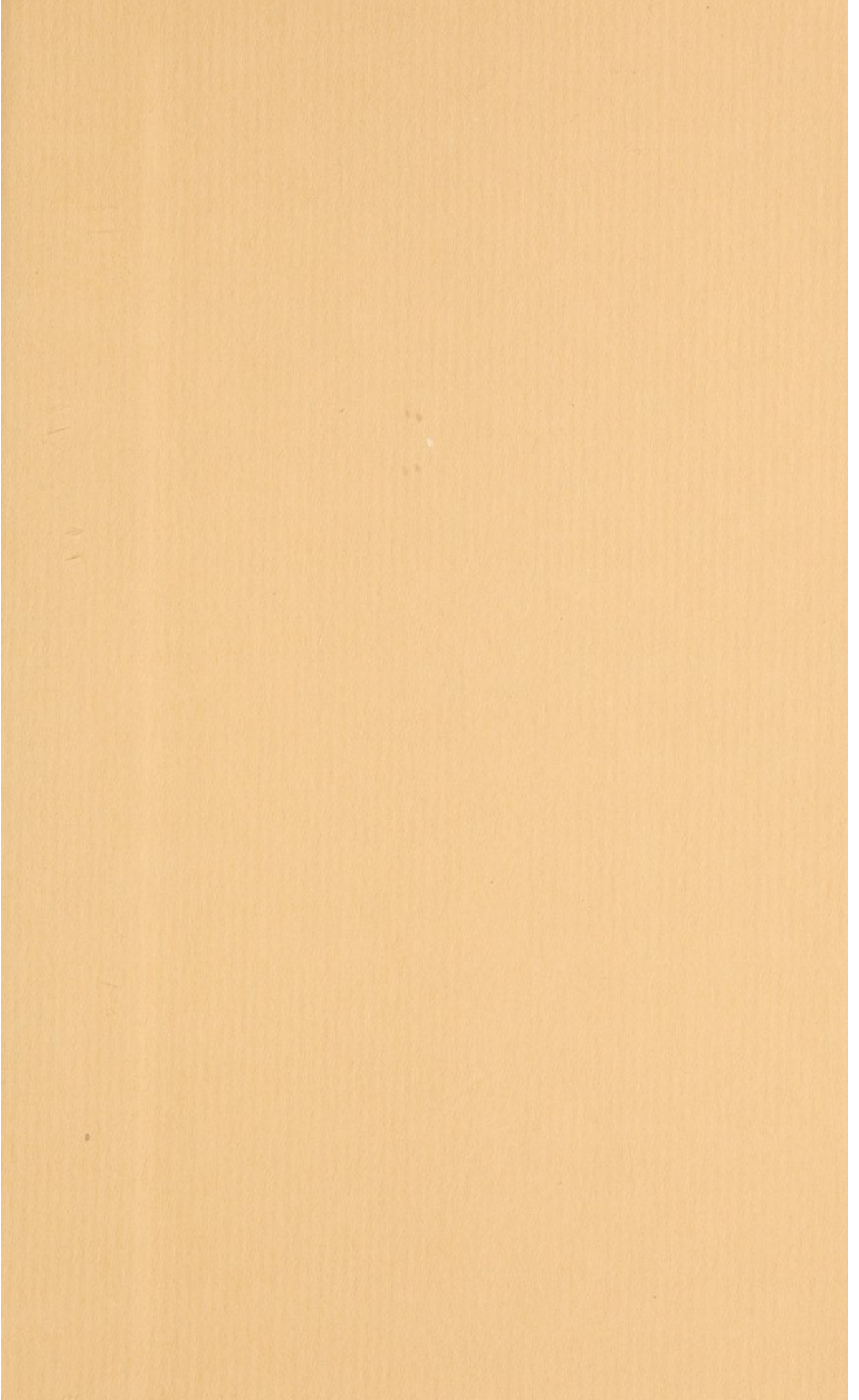


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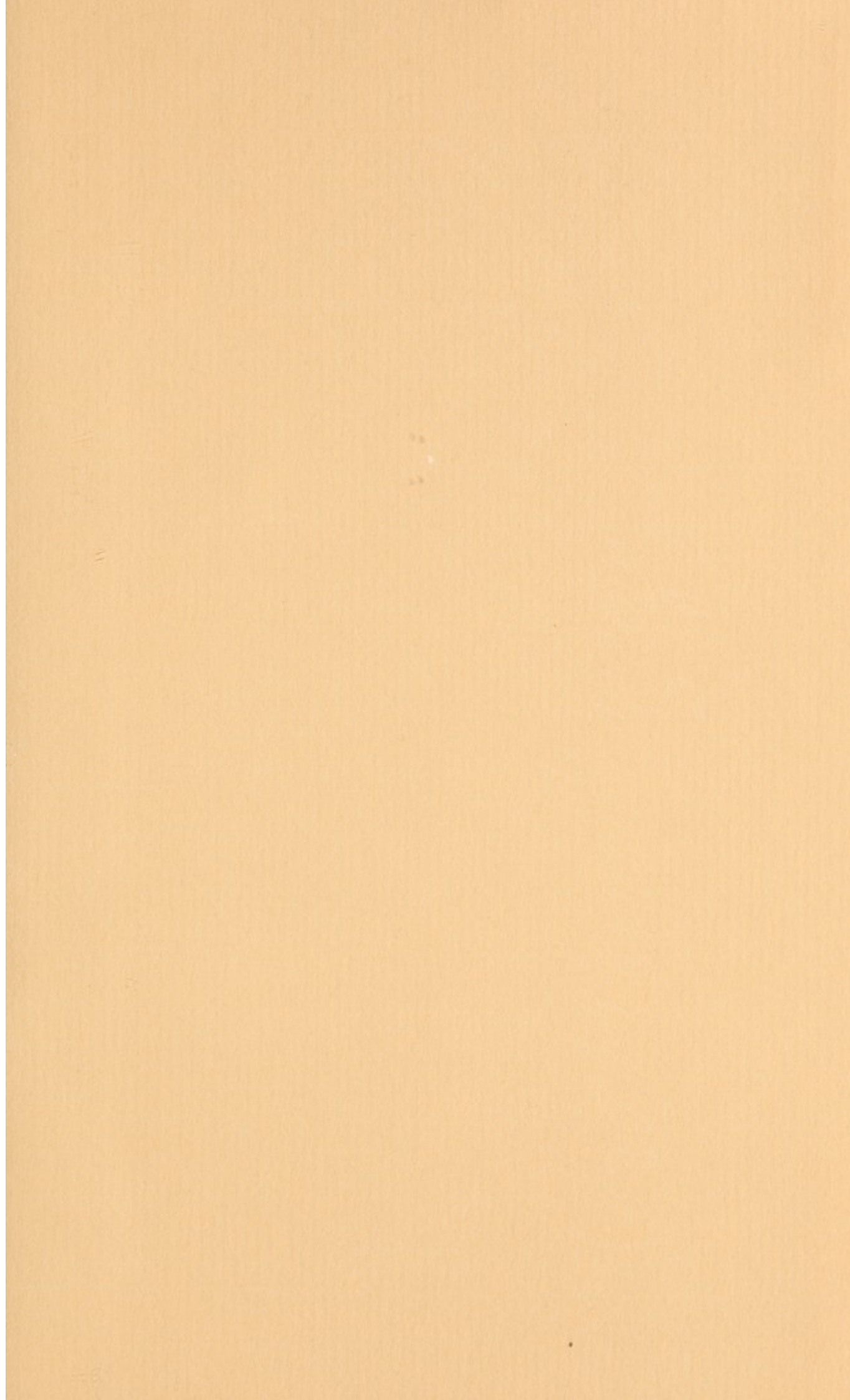




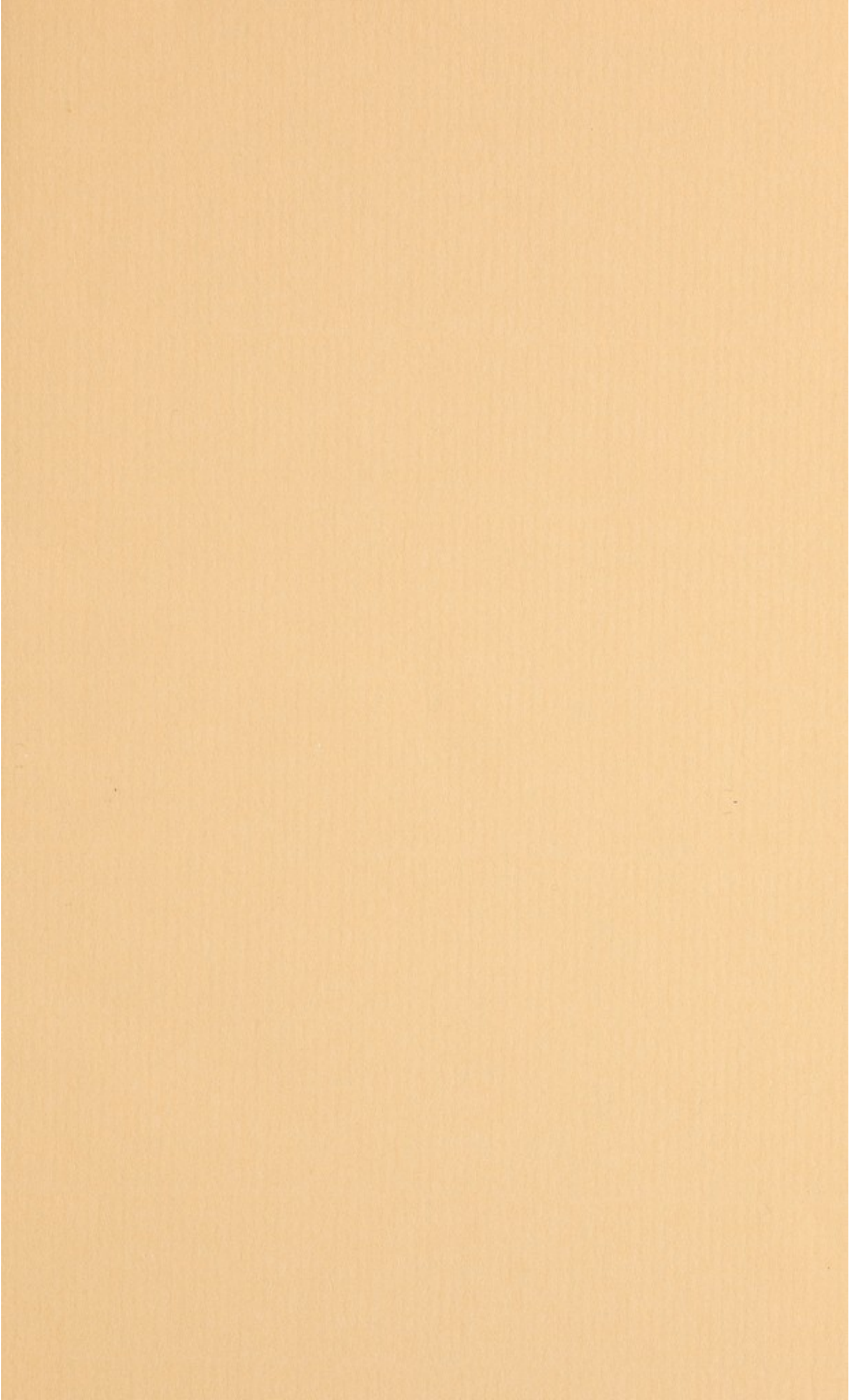




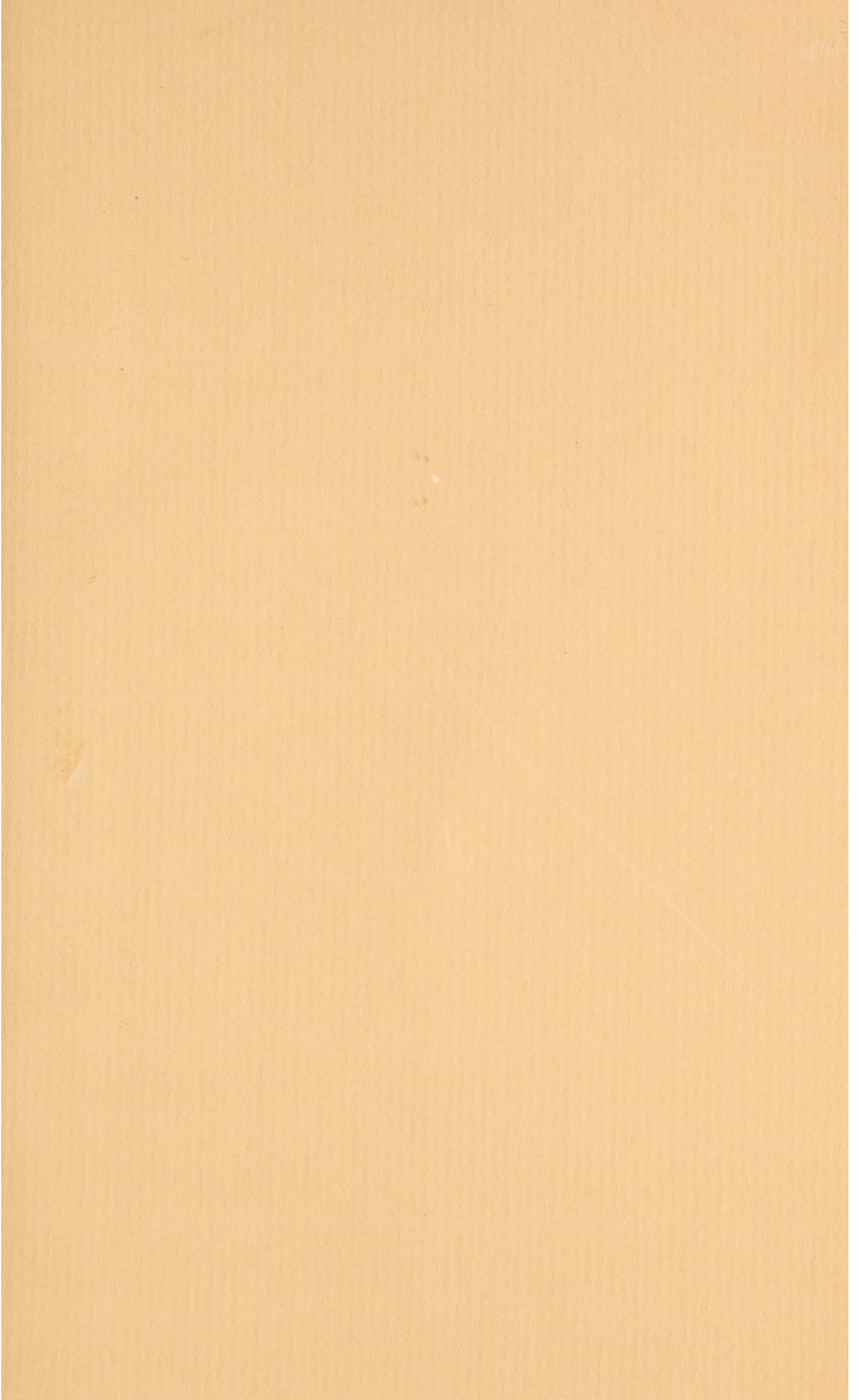


















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VIRIS ORNATISSIMIS  
MUSEI BRITANNICI  
CURATORIBUS

*DECIMUM QUARTUM*

HUNC

NATURÆ VIVARII

*FASCICULUM,*

SUMMA CUM OBSERVANTIA,

D. D. D.

GEORGIUS SHAW,

E. ET R. NODDER.

TO  
THE TRUSTEES  
OF THE  
BRITISH MUSEUM  
*THIS FOURTEENTH VOLUME*  
OF THE  
NATURALIST'S MISCELLANY  
IS,  
WITH THE HIGHEST RESPECT,  
INSCRIBED  
BY  
GEORGE SHAW,  
E. AND R. NODDER.



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# BUPHAGA AFRICANA.



## CHARACTER GENERICUS.

*Rostrum* rectum, subquadrangulare; mandibulis gibbis integris, extrorsum gibbosioribus.

*Pedes* ambulatorii.

*Lin. Syst. Nat.* p. 154.

## CHARACTER SPECIFICUS, &c.

BUPHAGA subfusca, subtus subflavescens, cauda cuneata.

## BUPHAGA AFRICANA.

*Lin. Syst. Nat.* p. 154.

## BUPHAGA.

*Briss.* 2. p. 437. t. 42. f. 2.

---

Constat ex unica specie genus Buphaga, cujus rostrum subquadrangulum ad modum quo victum sibi quærens utitur apprime est accommodatum; pecudibus enim solet insidere, et oestrorum larvas e cute excerpere. Depingitur in tabula Buphaga Africana magnitudine fere dimidiata. Senegaliæ incolit, primusque eam descripsit Adansonus.



THE  
AFRICAN BUPHAGA.

\*\*\*\*\*

GENERIC CHARACTER.

*Bill* strait, subquadrangular: Mandibles gibbous,  
entire, more gibbous on the outside.

*Feet* formed for walking.

SPECIFIC CHARACTER, &c.

Brownish BUPHAGA, yellowish beneath, with  
wedge-shaped tail.

Le Pic-Boeuf.

*Buf. ois.* 3. p. 175. pl. 14.

*Pl. Enl.* 293.

AFRICAN Beef-Eater.

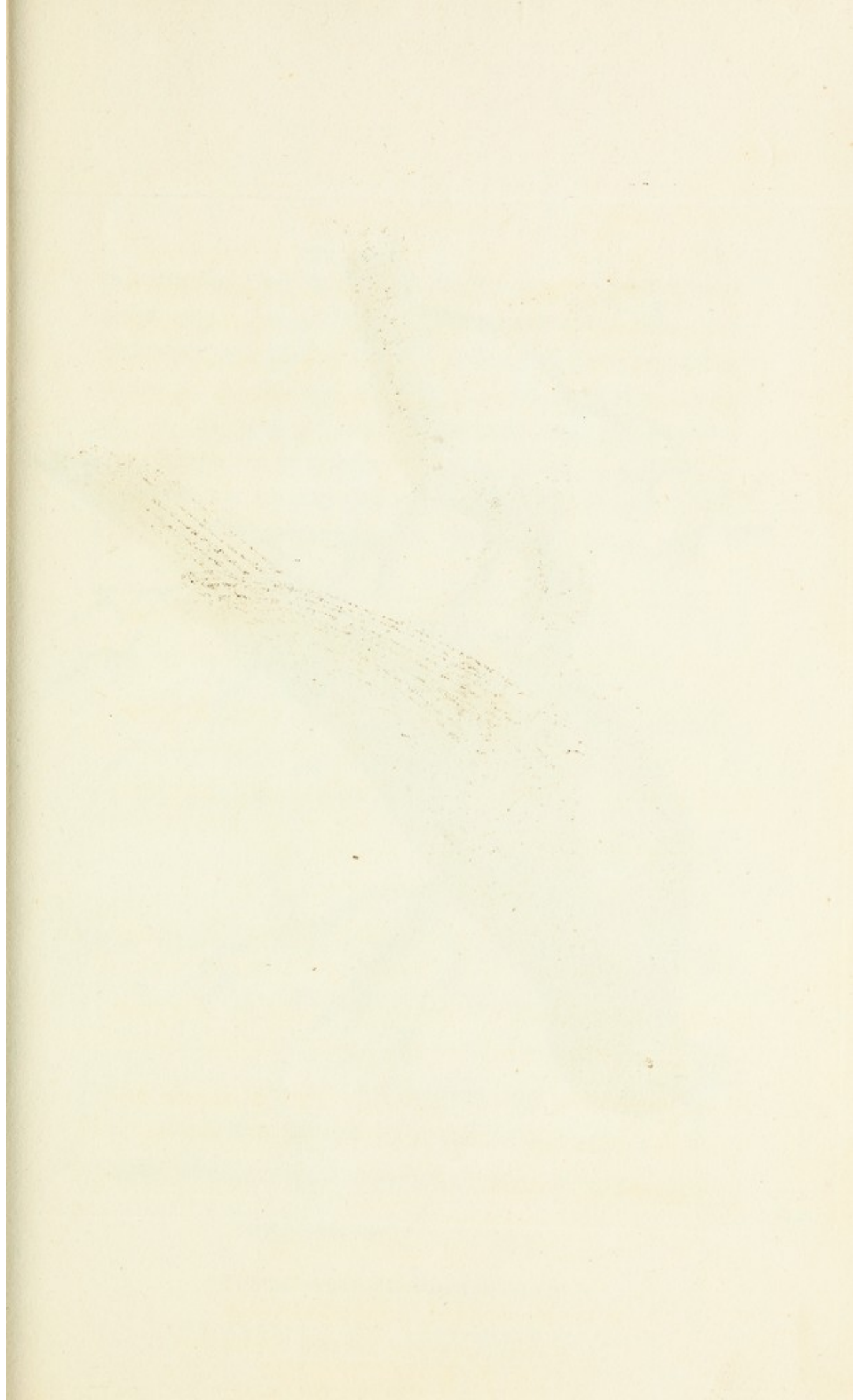
*Lath. Syn.* 1. p. 359.

---

The genus Buphaga, consisting at present of a single species only, is distinguished by the subquadrangular form of the beak, which is peculiarly calculated for the general manner of feeding in this bird: viz. that of picking out the larvæ of oestri from the backs of cattle. It is a native of Senegal, and was first discovered by Adanson. The plate represents it of somewhat more than half the natural size.











# NEPA LINEARIS.



## CHARACTER GENERICUS.

*Rostrum* inflexum.

*Antennæ* breves.

*Alæ* quatuor cruciato-complicatæ, antèrius coriaceæ.

*Pedes* anteriores cheliformes, reliqui quatuor ambulatorii.

*Lin. Syst. Nat.* Gmel. p. 2120.

## CHARACTER SPECIFICUS, &c.

NEPA linearis, manibus spina laterali pollicatis.

*Lin. Syst. Nat.* p. 714.

NEPA corpore lineari.

*Geoffr. ins. Par.* 1. p. 480. t. 10.

Locusta aquatica Mouffeti.

*Raj. ins.* 59.

---

In aquis majoribus stagnantibus innata Nepa linearis corpus quidem non bellum sortita est, sed certe inusitatius conformatum. Noctu præcipue volans iisdem fere insectis minoribus vescitur quibus Nepa vulgaris seu cinerea. Eadem, ut plurimum, est magnitudine quam ostendit tabula.









THE  
LINEAR NEPA.



GENERIC CHARACTER.

*Beak* inflected.

*Antennæ* short.

*Wings* four ; closing in a crossed direction ; coriaceous on their upper part.

*Feet* anterior cheliform ; the remaining four formed for walking.

SPECIFIC CHARACTER, &c.

Brown linear NEPA, with the fore legs marked by a lateral spine.

*Geoffr. ins. Par.* 1. p. 480. pl. 10. f. 1.

*Degeer. ins.* 3. p. 369. pl. 19. f. 1, 2.

*Swammerd. bibl. nat.* p. 233. t. 3. f. 9.

*Roes. ins.* 3. p. 141. t. 23.

---

The *Nepa linearis*, an insect of a singular rather than agreeable appearance, is a native of the larger kind of stagnant waters, and is generally of the size represented on the plate. Like the *Nepa cinerea* or common water-scorpion, it preys on the smaller aquatic insects, and, like that species, flies principally by night.



# LINEAR NIPA.

## GENERIC CHARACTER.

Head inflexed.  
Antennae short.  
Wings four; closing in a crossed direction; co-  
inciding on their upper part.  
Feet anterior chitiform; the remaining four  
formed for walking.

## STRUCTURAL CHARACTER.

Brown like NIPA, with the legs marked  
by a lateral spine.  
Length 1.5 mm. h. .45 mm. pl. 10. 1. 1.  
Pigment has a p. 100. pl. 10. 1. 1.  
Stomach 1.5 mm. h. .45 mm. pl. 10. 1. 1.  
Feet has a p. 100. pl. 10. 1. 1.

The linear nipa, or insect of a singular rather  
than a variable appearance, is a native of the paper  
kind of organic matter, and is generally of the  
size of a small fly. Like the other insects  
or animals which inhabit it, it feeds on the smaller  
parts of the paper, and like that species, the prin-

# BUCCINUM HARPA.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Animal* Limax.

*Testa* univalvis, spiralis, gibbosa.

*Apertura* ovata, desinens in canaliculum (s. retusam lacunam) dextrum, cauda retusum.

*Labium* interius explanatum.

*Lin. Syst. Nat.* p. 1196.

## CHARACTER SPECIFICUS, &c.

BUCCINUM testa varicibus æqualibus longitudinalibus distinctis mucronatis, columella lævigata.

*Lin. Syst. Nat.* p. 1201.

HARPA nobilis.

*Argenv. conch.* t. 17. f. D.

*List. conch.* t. 992. 993. 994. f. 55. 57.

*Gualt. test.* t. 29. f. C. D. E. G.

*Seb. mus.* 3. t. 70.

---

Inter pulcherrimas hujus generis merito numeratur species hic depicta, quæ maria Indica, ut plurimum incolit, et magnitudine vera in tabula exprimitur.



THE  
HARP BUCCINUM.



GENERIC CHARACTER.

*Animal* allied to a slug.

*Shell* univalve, spiral, gibbous.

*Aperture* ovate, ending in a channel pointing  
towards the right.

*Interior Lip* expanded.

SPECIFIC CHARACTER, &c.

Variegated BUCCINUM, with distinct, longitu-  
dinal, sharp-pointed ribs, and smooth pillar.

The HARP Shell.

HARPE de David.

*Knorr. vergn.* 1. t. 9. & 2. t. 19.

---

The present species of Buccinum may justly be considered as one of the most beautiful of the whole tribe: it is principally found in the Indian seas, and is represented on the plate in its natural size.









# BOHMAN'S PENTAGONAL

\*\*\*\*\*

CERTIFICATE OF ADOPTION

Given at the annual meeting of the Association of

Architects, held at

Chicago,

September 2, 1900.

Resolved, That the following be adopted:

BOHMAN'S PENTAGONAL SYSTEM.

Approved and adopted.

Witness my hand and seal this 2nd day of

September.

John Joseph Morgan, Secy.

As the purpose of this Association is to promote the interests of the architectural profession, and to secure the highest quality of architectural work, it is the duty of the Association to adopt and enforce such standards and regulations as may be necessary to the attainment of these ends. The following system of architecture, known as Bohman's Pentagonal System, is hereby adopted as the standard system of architecture for the Association, and it is the duty of the Association to enforce the same.



# BODIANUS PENTACANTHUS.



## CHARACTER GENERICUS.

*Opercula squamata armataque, margine lævi.*

*Bloch. ichth. 7. p. 22.*

*Thoracici.*

## CHARACTER SPECIFICUS, &c.

BODIANUS ruber, operculis quinque-spinosis.

BODIANUS PENTACANTHUS. B. aculeis  
quinque ad opercula.

*Bloch. ichth. 7. p. 29. t. 225.*

Jaguaraca.

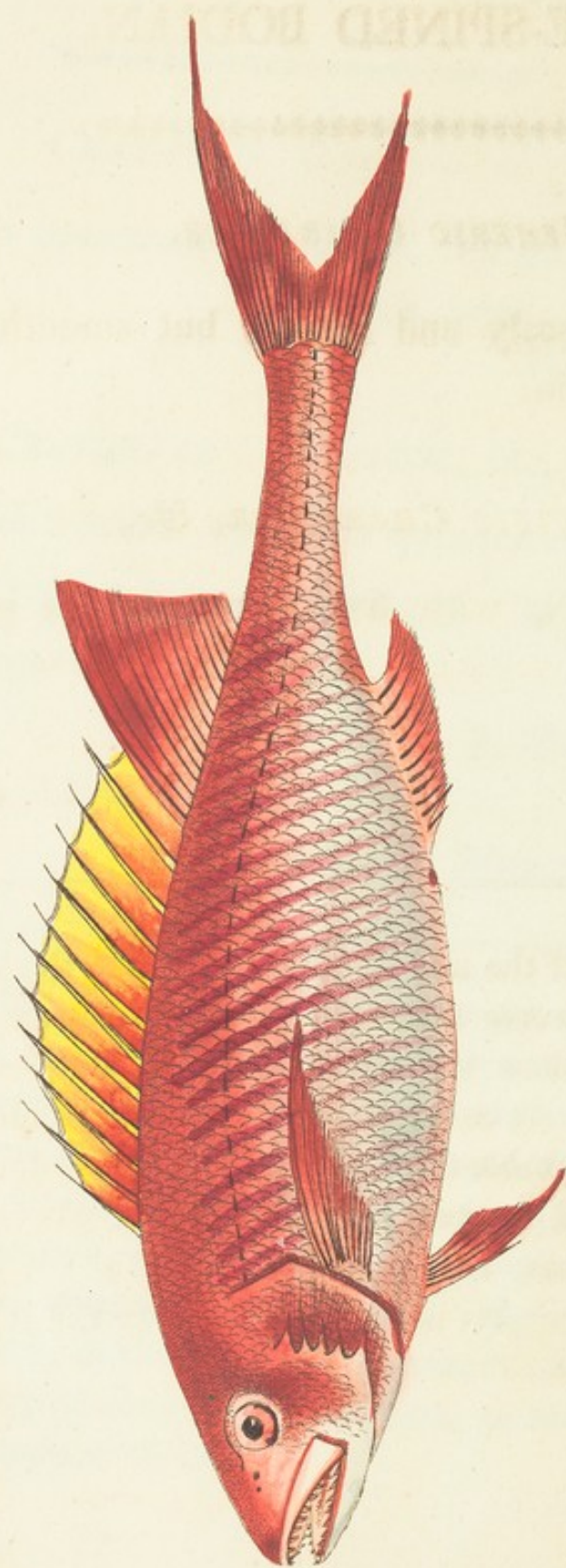
*Jonst. Ruysch. Marcgr. &c.*

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Aucta est hisce temporibus scientia naturalis miro incremento, visumque est physicis nova multa genera instituere; cumque piscium qui *thoracici* vocantur ingens sit numerus, inde fit ut quo major diversitas, eo latiori distributione opus sit. E novis igitur est generibus Bodianus, qui multas amplectitur species, nonnullas pulcherrimis coloribus obductas. Maria incolit Brasiliensia species quam depinximus magnitudine quasi dimidiata, ab indigenis vulgariter *Budiano* dicta.







RN

THE  
FIVE-SPINED BODIAN.



GENERIC CHARACTER.

*Gill-Covers* scaly and armed; but smooth at the margin.

SPECIFIC CHARACTER, &c.

Red BODIAN, with five spines on the gill-covers.

Jaguaraca.

*Piso. Ray. Willughb. &c.*

---

This is one of the new genera into which the vast number of *thoracic* fishes are, in consequence of the late accessions to natural history, at present distinguished. It contains several species, some of which are remarkable for the beauty of their colours: that represented on the present plate is a native of the Brazilian seas, and is represented of about half the natural size. Its native name among the Brasilians is *Budiano*.



# LOVELL E. HARRIS

## THE SPINNING WHEEL

BY LOVELL E. HARRIS

WITH ILLUSTRATIONS BY J. H. HARRIS

THE CENTRAL BOOK CONCERN, CHICAGO, ILL.

1904

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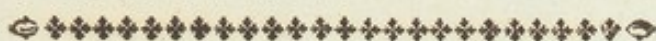
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# LOXIA CÆRULEA.



## CHARACTER GENERICUS.

*Rostrum* conico-gibbum, frontis basi rotundatum versus caput: Mandibula inferior margine laterali inflexa.

*Nares* in basi rostri.

*Lingua* integra.

*Lin. Syst. Nat.* p. 299.

## CHARACTER SPECIFICUS, &c.

LOXIA CÆRULEA, alis caudaque nigricantibus, tectricibus fascia rufa.

LOXIA CÆRULEA. L. alis fuscis, fascia bascos purpurea.

*Lin. Syst. Nat.* p. 306.

*Pyrrhula Carolinensis cærulea.*

*Briss. av. 3.* p. 323.

---

Avem venustam depinximus in regionibus multis Americanis generatam, quæ magnitudine saltem æquat, si non paulo exsuperet *Loxiam Dominicanam* Linnæi. Specimen ipsissimum quod iconi nostræ inserviit, e solo natali in Angliam intulit Dominus Frazerus, plantarum Americanarum, quas commendaverit aut raritas aut pulchritudo, cultor laudabilis, et assiduus.











THE  
BLUE GROSSBEAK.



GENERIC CHARACTER.

*Bill* strong, thick, convex.

*Nostrils* small.

*Tongue* truncated.

SPECIFIC CHARACTER, &c.

Deep blue GROSSBEAK, with dusky wings  
and tail, and a rufous bar across the coverts.

BLUE GROSSBEAK.

*Catesb. Car.* 1. pl. 39.

---

— This elegant species is a native of many parts of America, and in size is at least equal, if not rather superior to the *Loxia Dominicana* of Linnæus, or Dominican Grosbeak. The specimen here represented was brought from its native regions by the ingenious Mr. Frazer, so well known for his assiduous cultivation of various rare and beautiful species of American plants.







# SEPIA TUNICATA.



## CHARACTER GENERICUS.

*Corpus* carnosum; vagina excipiente pectus, ad  
cujus basin tubus.

*Brachia* (præter bina tentacula pedunculata  
in plerisque) octo, interius adspersa cirris  
verrucosis.

*Os* inter brachia, terminale, corneum.

*Lin. Syst. Nat. Gmel. p. 3149.*

## CHARACTER SPECIFICUS, &c.

SEPIA corpore toto tunicæ nigræ pellucidæ in-  
cluso, posterius alis duabus semicircularibus.

*Lin. Syst. Nat. Gmel. p. 3151.*

## SEPIA TUNICATA.

*Molina. Hist. Chil. p. 174.*

---

Copiam dedimus lectoribus miram admodum Se-  
piæ speciem examinandi, a Molina, ut videtur, primo  
recte descriptam, in historia Chilensi. In maribus  
enutritur tum Indicis tum Americanis, et in mag-  
nam molem crescere dicitur; quingentas nempe li-  
bras pondere æquare, si non excedere. Longe tamen  
minora sunt quæ vulgo spectantur specimina. Hoc  
ei commune est cum reliquo genere, ut pisces præ-  
detur



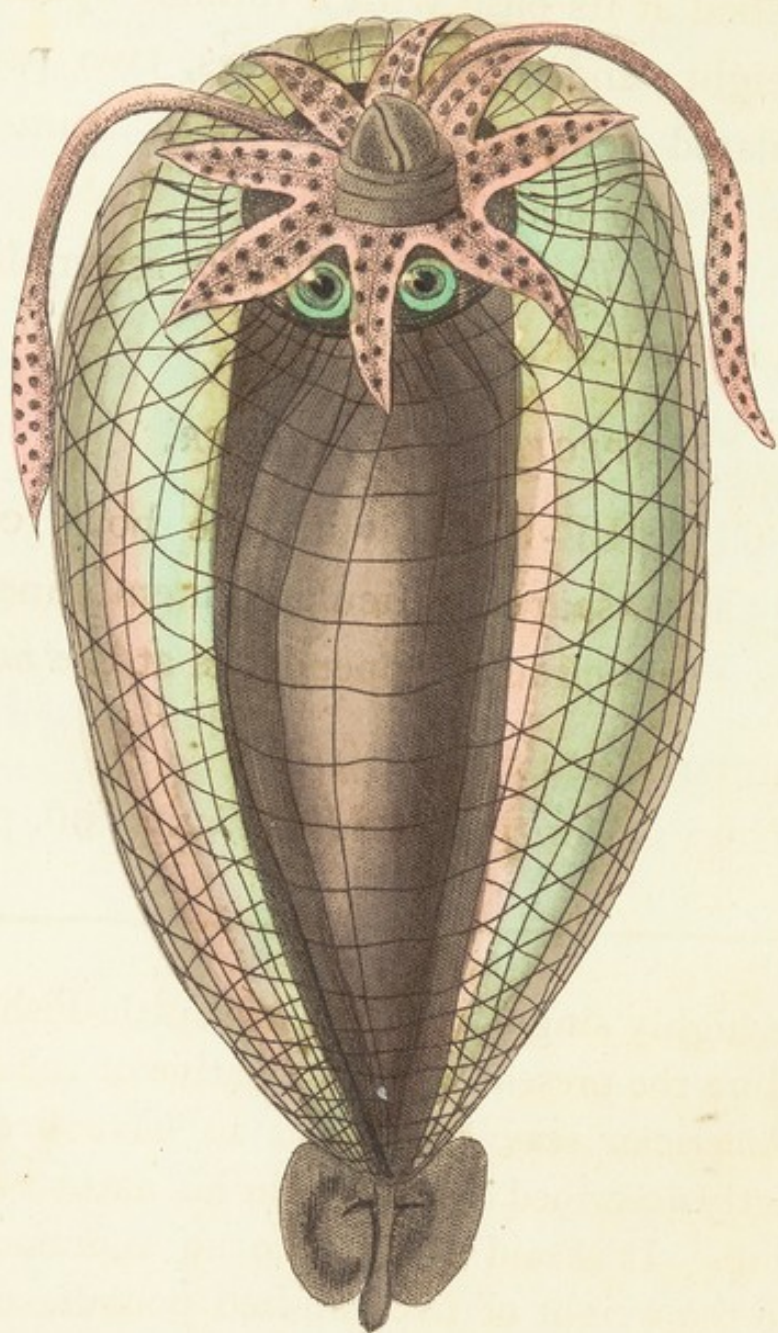
detur et alia marina animalia; ab aliis omnibus quas adhuc novimus sepiis in illo insigniter discrepanti, quod corpus contegat membrana ampla, inflata, pellucida, a parte superiore usque ad caudæ initium reflexa, fibris plurimis subnigris, certo intervallo hinc inde se mutuo decussantibus reticulata, extrinsecus iricolor, veluti est pellis *Sipunculi saccati*. Iconem mutuati sumus ab opere Montfortii, qui suspicatur, nec immerito, ab hac sepia quasi archetypa exortum esse imaginarium *piscem reticulatum* Aldrovandi; cujus corpus squamis, pinnis, et dentibus instruitur veri piscis. Huic conjecturæ liceat mihi et meam adjicere, non impossibile esse quin Sepia hæc indocte descripta, et minus affabre depicta, origo fuerit *piscis reversi* Aldrovandi, qui depingitur corpore anguillæ non absimili, saccoque vasto et inflato supra caput imposito, quo pisces propius natantes arripere, et ab Americanis in cymbis portari dicitur, ut ad certum spatium in mare demissus una cum præda recipiatur.

Depingitur ab Aldrovando phocam e mari attolens.





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THE  
BALLOON CUTTLE-FISH.



*GENERIC CHARACTER.*

*Body* fleshy, sheathing the breast, which is furnished at its base with a tubular opening.

*Arms* eight, and, in most species, two pedunculated tentacula, beset with numerous suckers or acetabula.

*Head* short: *Eyes* large: *Mouth* resembling a parrot's beak.

*SPECIFIC CHARACTER.*

Black CUTTLE-FISH, with the body coated by a transparent reticulated membrane, and two semicircular appendages at the tail.

Le Calmar réticulé.

*Denys-Montfort Mollusq.* 2. p. 96. pl. 21.

---

The highly singular species of Cuttle-Fish represented on the present plate is a native of the Indian and American seas, and seems to have been first distinctly described by Molina in his natural history of Chili. It is said to grow to an enormous size, and to the weight of five hundred pounds, or even more, though the specimens usually seen are of far inferior



inferior magnitude. Like the rest of its tribe, it is of a predacious nature, feeding on fishes and various other marine animals, and differs from every other species of *Sepia* yet discovered in the extraordinary envelopement of its body, which is covered by an ample, inflated, and transparent skin or membrane, reflected from the upper parts, and continued to the commencement of the tail or terminal part of the body. This membrane is reticulated or decussated by numerous dark-coloured fibres, crossing each other at certain distances, and is tinged externally with iridescent hues, like that of the *Sipunculus saccatus*.

The figure here given is taken from the work of the ingenious Mons. Denys-Montfort, who imagines this species to be the archetype of the imaginary *piscis reticulatus* of Aldrovandus, in which the body of the animal is represented like that of a real fish, with scales, fins, teeth, &c. I may venture to add, that it is not impossible but that some hasty and inaccurate drawing and description of this same species of *Sepia* may have also given rise to the *piscis reversus* of Aldrovandus, which is described as having a body not unlike that of an eel, with a vast inflated bag or pouch on the head, with which it is said to seize on such fishes as happen to swim near it, and to be employed by the South-American Indians for that purpose; being carried in a canoe and lowered to a certain depth into the sea, till it has taken its prize. Aldrovandus represents it in the act of drawing up a large seal.



# ACANTHURUS VELIFER.



## CHARACTER GENERICUS.

*Dentes* breves, plerisque sublobati.

*Spina* mobilis utrinque at basin caudæ.

*Corpus* compressum, latum.

## CHARACTER SPECIFICUS, &c.

ACANTHURUS albidus, fasciis plurimis transversis fuscis.

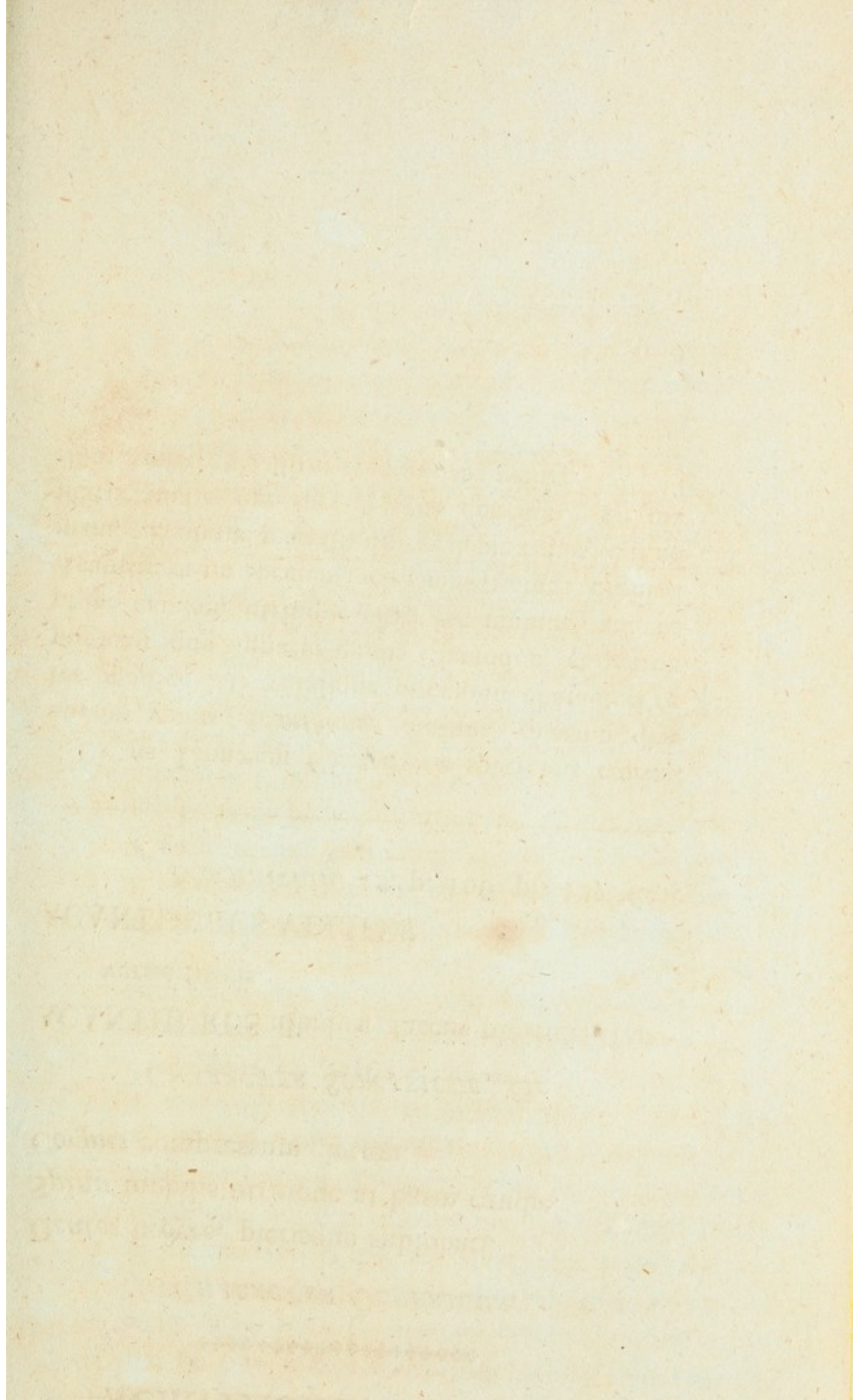
## ACANTHURUS VELIFER.

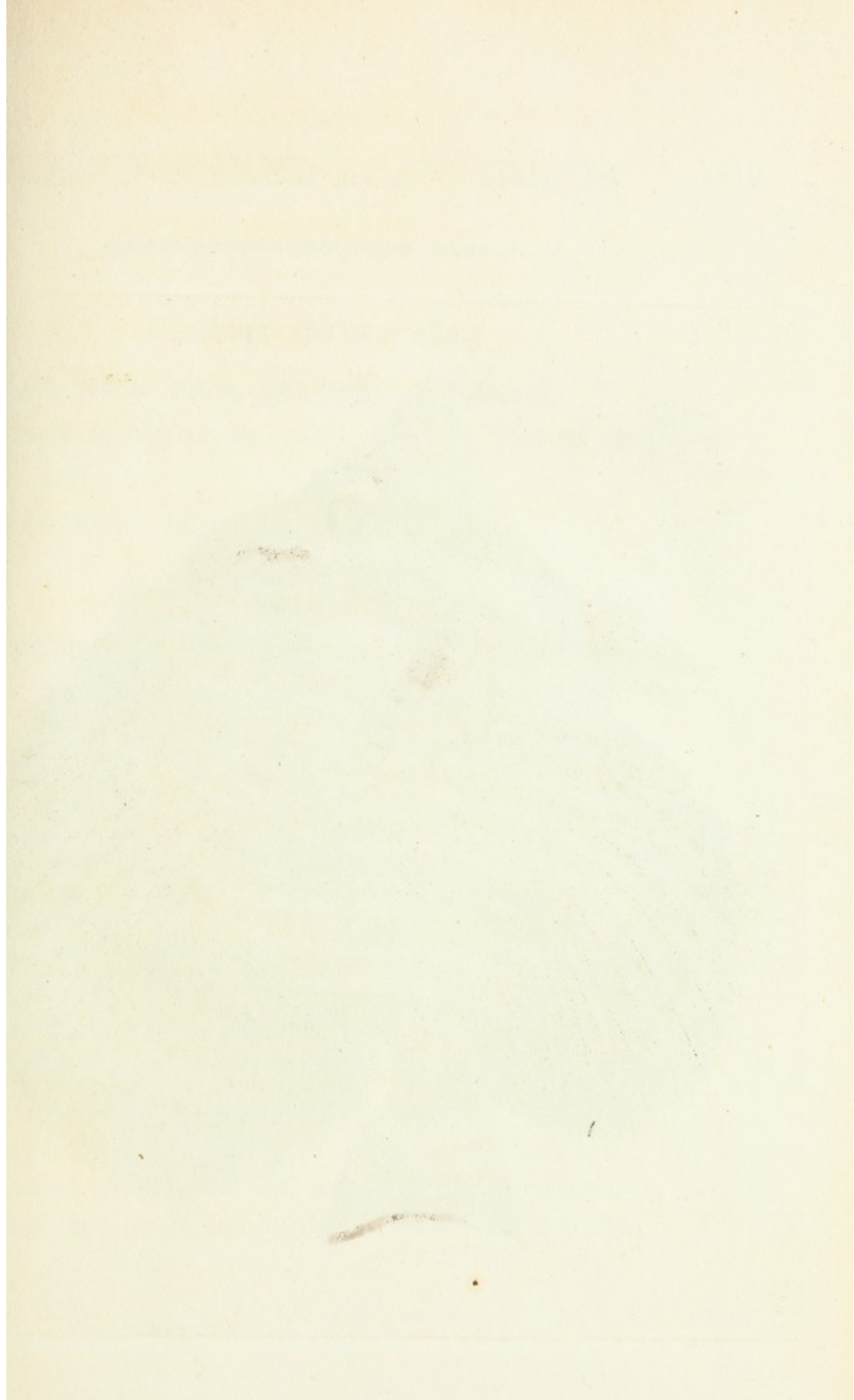
*Bloch. ichth.* 12. p. 106. pl. 427. f. 1.

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Ex iis Linnæani *Chætodontis* speciebus constat novum genus *Acanthurus* dictum, quarum dentes modice lati validique præcipuo characteri repugnant quo signatur genus *Chætodon*, et quarum prope caudam utrinque situs est mobilis aculeus. *Acanthurorum* speciem selegimus notatu dignissimam, veramque magnitudinem depinximus, cui adjicitur auctus ope speculi ordo dentium. In maribus Americanis alitur *Acanthurus velifer*.













THE  
BROAD-FINNED ACANTHURUS.



GENERIC CHARACTER.

*Teeth* rather short, generally sublobated.

*Moveable Spine* on each side the base of the tail.

*Body* broad, compressed.

SPECIFIC CHARACTER, &c.

Whitish ACANTHURUS, with numerous transverse brown bands.

The variegated ACANTHURUS.

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The new genus *Acanthurus* consists of such species of the Linnæan genus *Chatodon* as, in contradiction to the principal character of that genus, have moderately broad and strong teeth, and are also furnished on each side the tail with a moveable spine. Among the species of *Acanthurus* one of the most remarkable is that represented on the present plate, which is a native of the American seas. It is figured in its natural size, and is also accompanied by a magnified outline of some of the teeth.



THALASSIA HERB.

BROAD-LEAVED MANJISTREE

Thalassia herb.

Thalassia herb. a plant of the same genus as

Thalassia herb.

Thalassia herb. a plant of the same genus as

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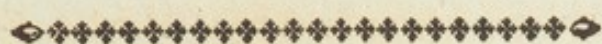
Thalassia herb. a plant of the same genus as

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Thalassia herb. a plant of the same genus as

## PHALÆNA HEBE.



### CHARACTER GENERICUS.

*Antennæ* setaceæ, a basi ad apicem sensim attenuatæ.

*Alæ* (sedentis) sæpius deflexæ. (Volatu nocturno.)

### CHARACTER SPECIFICUS, &c.

PHALÆNA (*Bombyx*) elinguis, alis deflexis atris, fasciis albis, inferioribus rubris, rioulis nigris.

*Lin. Syst. Nat.* p. 820.

*Bombyx* alis deflexis albis nigro fasciatis, posticis sanguineis nigro maculatis.

*Fab. spec. ins.* 2. p. 197.

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Germaniæ et aliarum Europearum regionum incolæ pulcherrima hæc species in insula Britannica nondum videtur fuisse conspecta. Larva est modice magna, valde hirsuta, fusca vel nigricans, subtus rufa; pupa quoque seu chrysalis nigricat.



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## HEBE.



### GENERIC CHARACTER.

*Antennæ* setaceous, decreasing in size from the base to the tip.

*Wings*, when at rest, generally deflected.

*Flight* generally nocturnal.

### SPECIFIC CHARACTER.

*Phalæna* with deflex wings, the upper ones white with black bars, the lower red with black spots.

*Mouff. ins.* p. 93. f. 4, 5.

*Roes. ins.* 4. t. 27.

*Schæff. elem.* t. 98. f. 1.

---

This highly beautiful species is a native of Germany and some other parts of Europe, but seems not to have been hitherto observed in our own country. The larva or caterpillar is moderately large, very hairy, and of a blackish or dusky colour, rufous beneath. The chrysalis is also of a blackish cast.







# CORVUS GLANDARIUS.



## CHARACTER GENERICUS.

*Rostrum* convexum, cultratum.

*Nares* pennis setaceis recumbentibus obtectæ.

*Lingua* cartilaginea, bifida.

*Pedes* ambulatorii.

*Lin. Syst. Nat.* p. 155.

## CHARACTER SPECIFICUS, &c.

CORVUS subferrugineus, cauda nigra, tectricibus alarum cæruleo nigroque transversim fasciatis.

CORVUS GLANDARIUS. C. tectricibus alarum cæruleis : lineis transversis albis nigrisque, corpore ferrugineo variegato.

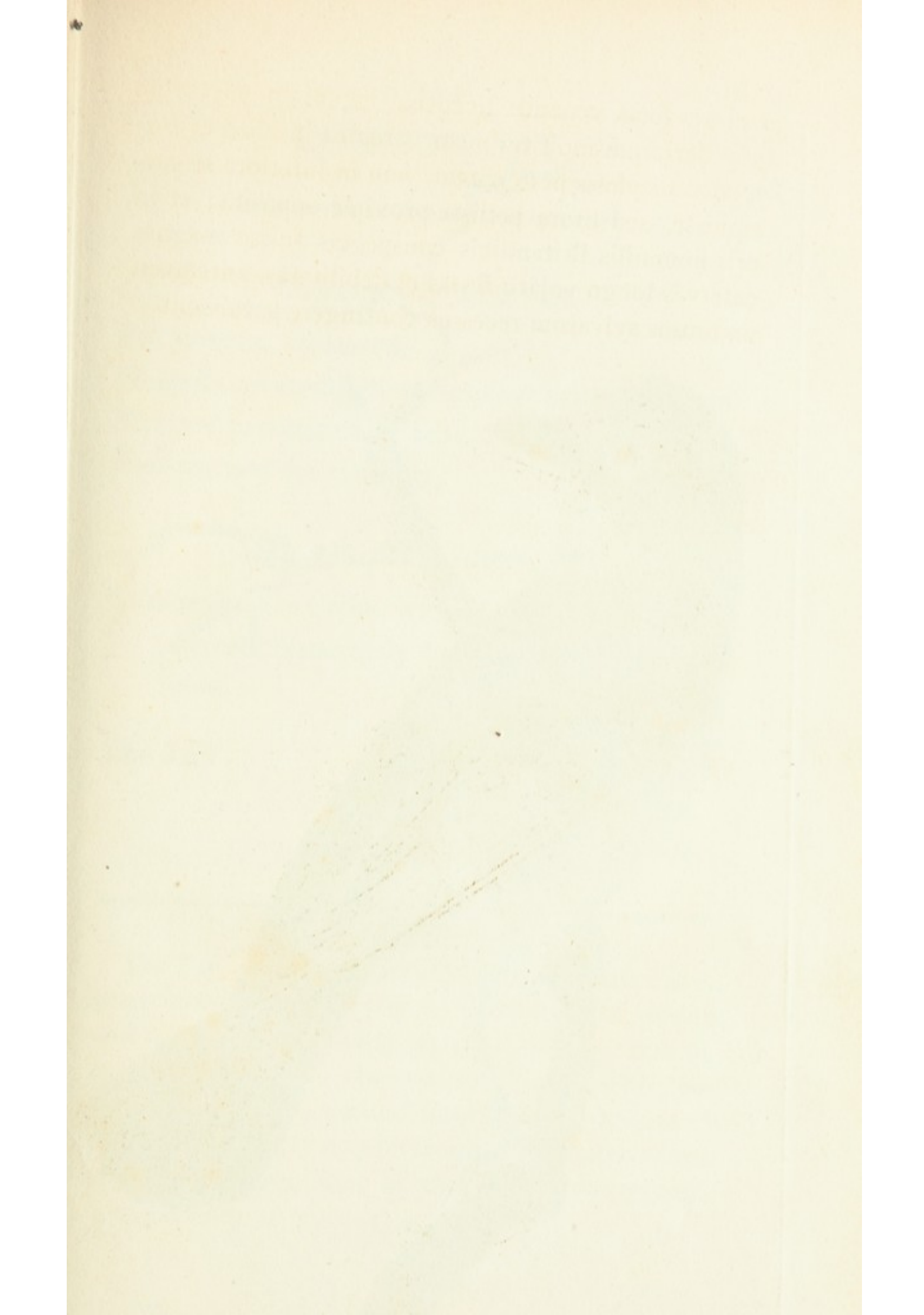
*Lin. Syst. Nat.* p. 156.

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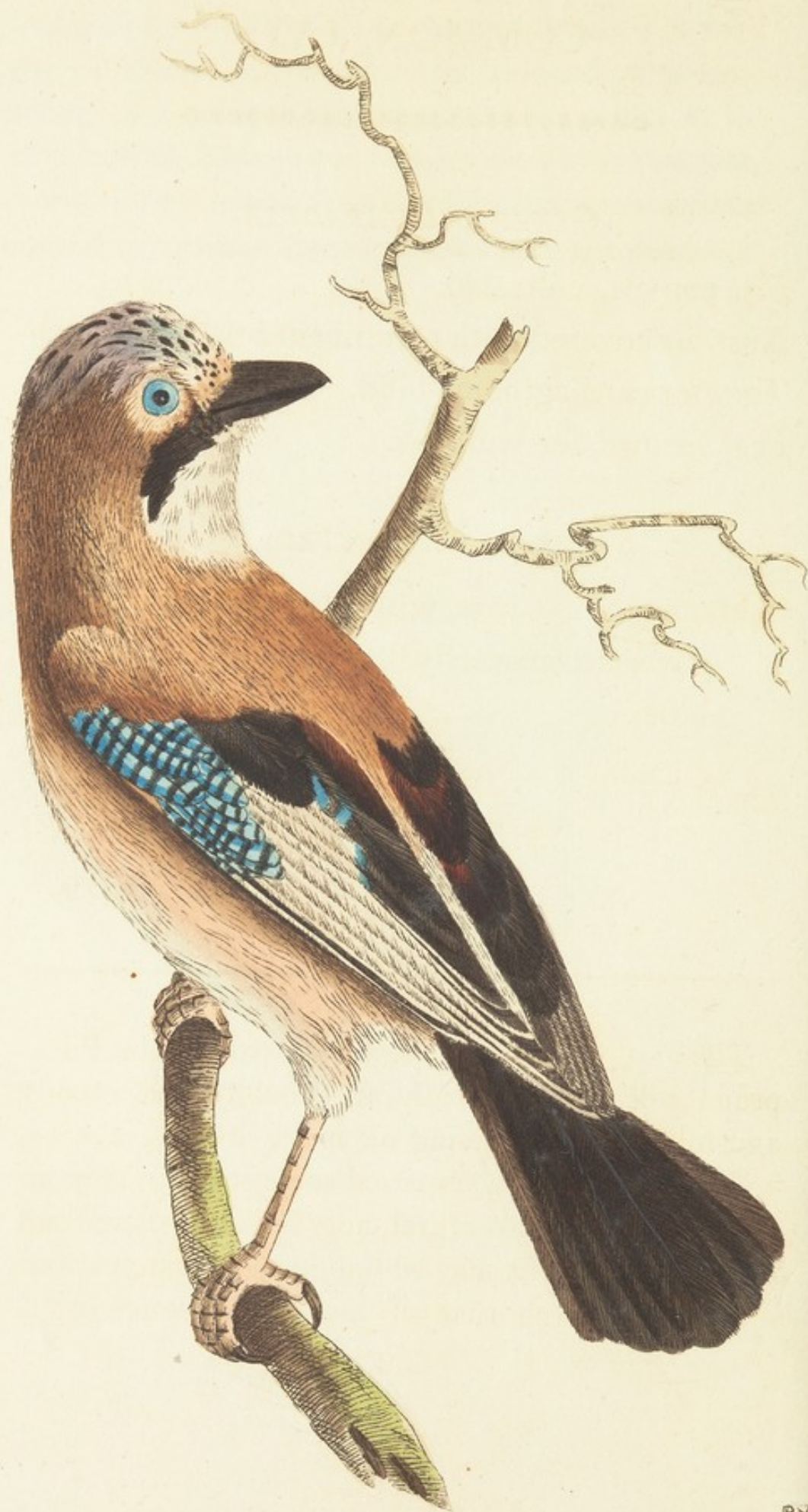
Corvo glandario conceditur locus in pulcherrimis avibus Europæis. Amat præcipue sylvas et colles arboribus obsitos ; vesciturque glande faginea et querna, nec non baccis et frugibus. Interdum etiam aviculas prædatur. Vocem emittit raucam, argutam, stridulam, injucundam ; docetur tamen varios sonos, et ipsam etiam vocem humanam imitari. Dicitur, perturbatis nuper et confusis rebus Gallicis, postquam restricta diu eruperat apud omnes



ordines feras venandi licentia, ingentem corvorum glandariorum multitudinem, strepitu insolito et tormentis displosis perterritam, non in interiora se surripuisse, sed litora petiisse proxime opposita; et in oris nonnullis Britannicis conspectas fuisse magnas catervas longo volatu fessas et debilitatas, antequam umbrosos sylvarum recessus contingere potuissent.









THE  
COMMON JAY.



GENERIC CHARACTER.

*Bill* convex, cultrated.

*Nostrils* covered with recumbent bristly feathers.

*Tongue* cartilaginous, bifid.

*Feet* formed for walking.

SPECIFIC CHARACTER, &c.

Subferruginous Crow, with black tail, and wing-coverts transversely barred with black and blue.

The JAY.

*Willugb. ornith.* p. 130.

*Penn. Brit. Zool.* 1. No. 19.

---

The Jay, one of the most beautiful of the European birds, is principally an inhabitant of woody and hilly regions; living on mast, berries, acorns, and fruit: it is also observed sometimes to prey on smaller birds. Its natural note is loud, sharp, and unpleasant; but it may be taught to imitate various sounds, and even that of the human voice itself.



It is said that, during the early period of the French Revolution, when persons of all ranks had suddenly obtained the unlimited power of ranging the woods and forests in quest of game, vast flocks of Jays, terrified by the unusual noise of the guns, flew over to the nearest opposite coasts of England, instead of endeavouring to escape by retreating into other parts of the country; and that on some of our own coasts these birds were observed in vast numbers, seemingly exhausted with fatigue, yet endeavouring to gain the nearest wooded retreats.



PAPILIO HELENUS,  
ET  
PAPILIO STENELES.

\*\*\*\*\*

CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (sedentis) erectæ sursumque conniventes, (volatu diurno.) *Lin. Syst. Nat.* p. 744.

CHARACTER SPECIFICUS, &c.

P. Helenus. P. alis caudatis nigris: posticis macula alba: subtus tribus albidis lunulisque septem ferrugineis.

*Lin. Syst. Nat.* p. 745. EQ. TR.

P. alis dentatis nigris, posticis macula alba lunulaque duplici purpurea.

*Fab. sp. ins.* 2. p. 3.

P. Steneles. P. alis subcaudatis supra fuscis, fascia virescente obtusa interrupta.

*Lin. Syst. Nat.* p. 750. EQ. ACH.

P. alis dentatis fuscis, fasciis duabus viridibus, altera posticarum integra.

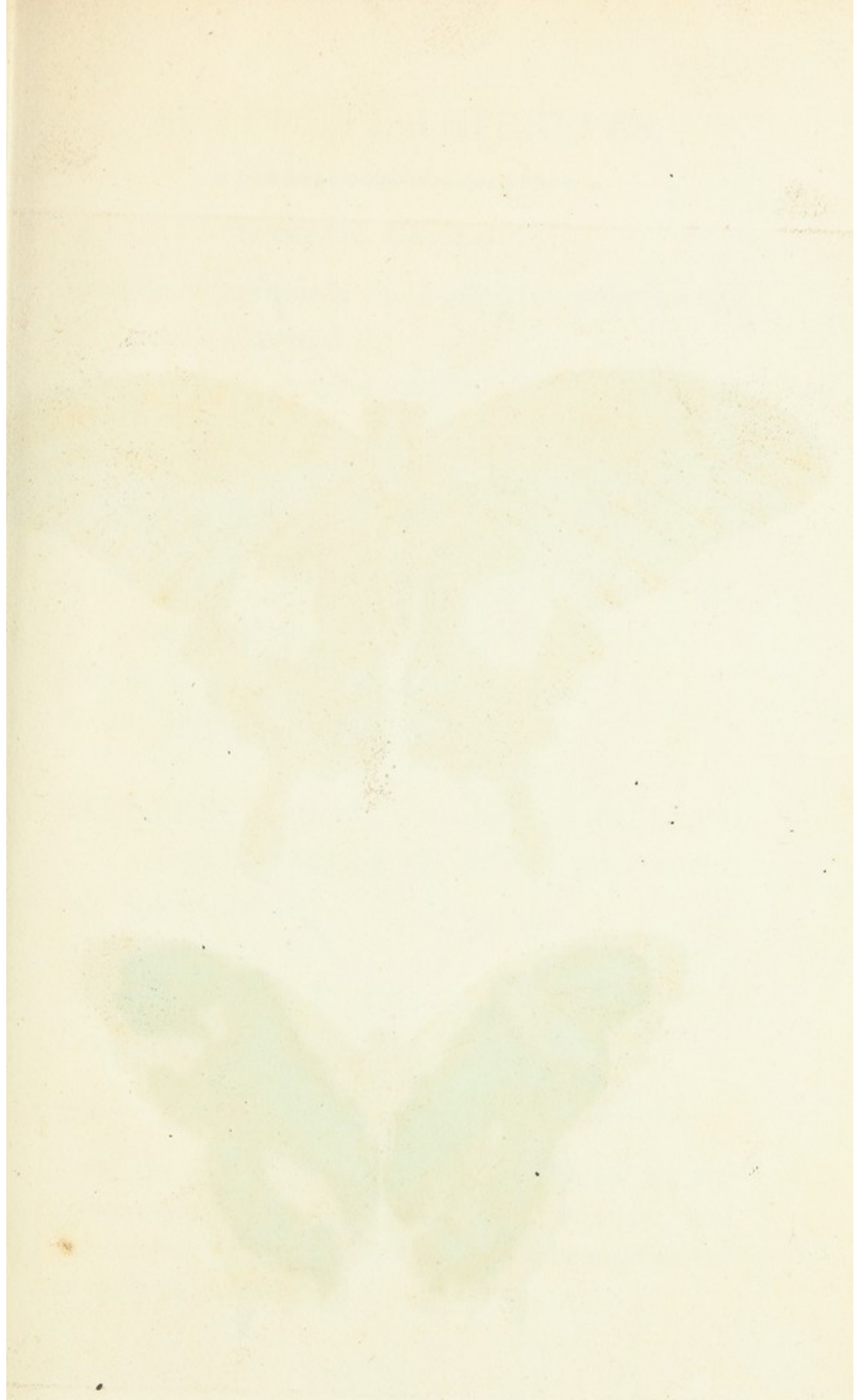
*Fab. sp. ins.* 2. p. 23.

---

Ostenditur in tabula papilionum duorum exoticorum vera magnitudo, quorum qui altius depingitur Indiam, qui inferius Americam meridionalem incolit.













## HELENUS and STENELES.



### GENERIC CHARACTER.

*Antennæ* commonly thickening towards the end into a clavated tip.

*Wings* (when at rest) meeting upwards. (Flight diurnal.)

### SPECIFIC CHARACTER, &c.

HELENUS. Butterfly with tailed black wings, the lower pair marked by a white spot.

*Clerk. ic. t. 13. f. 2.*

*Cram. pap. 13. t. 153. f. A. B.*

STENELES. Butterfly with denticulated brown wings, marked by an obtuse, interrupted, green band.

*Clerk ic. t. 35. f. 2.*

*Aubent. miscell. Pl. Enl. t. 95. f. 12.*

*Cram. pap. 7. t. 79. f. A. B.*

---

Of the two exotic Butterflies exhibited on the present plate the superior is a native of India, and the inferior of South America. Both are represented in their natural size.



# THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

IN WHICH ARE CONTAINED THE

CAUSES AND CONSEQUENCES

OF THE

REBELLION AND CIVIL WARS

IN GREAT BRITAIN

FROM THE YEAR 1625

TO THE YEAR 1649

BY

JOHN BURNET

OF THE UNIVERSITY OF OXFORD

IN TWO VOLUMES

THE FIRST

OF THE

REIGN OF

CHARLES THE FIRST

IN WHICH ARE CONTAINED THE

CAUSES AND CONSEQUENCES

OF THE

REBELLION AND CIVIL WARS

IN GREAT BRITAIN

# CHÆTODON SETIFER.



## CHARACTER GENERICUS.

*Dentes* setacei.

*Corpus* pictum.

*Bloch. ichth.* 6. p. 35.

## CHARACTER SPECIFICUS, &c.

CHÆTODON flavescens, rubro striatus, ocello  
setaque ad pinnam dorsi.

CHÆTODON setifer. C. seta ocelloque ad pin-  
nam dorsi.

*Bloch.* 12. p. 99. t. 446. f. 1.

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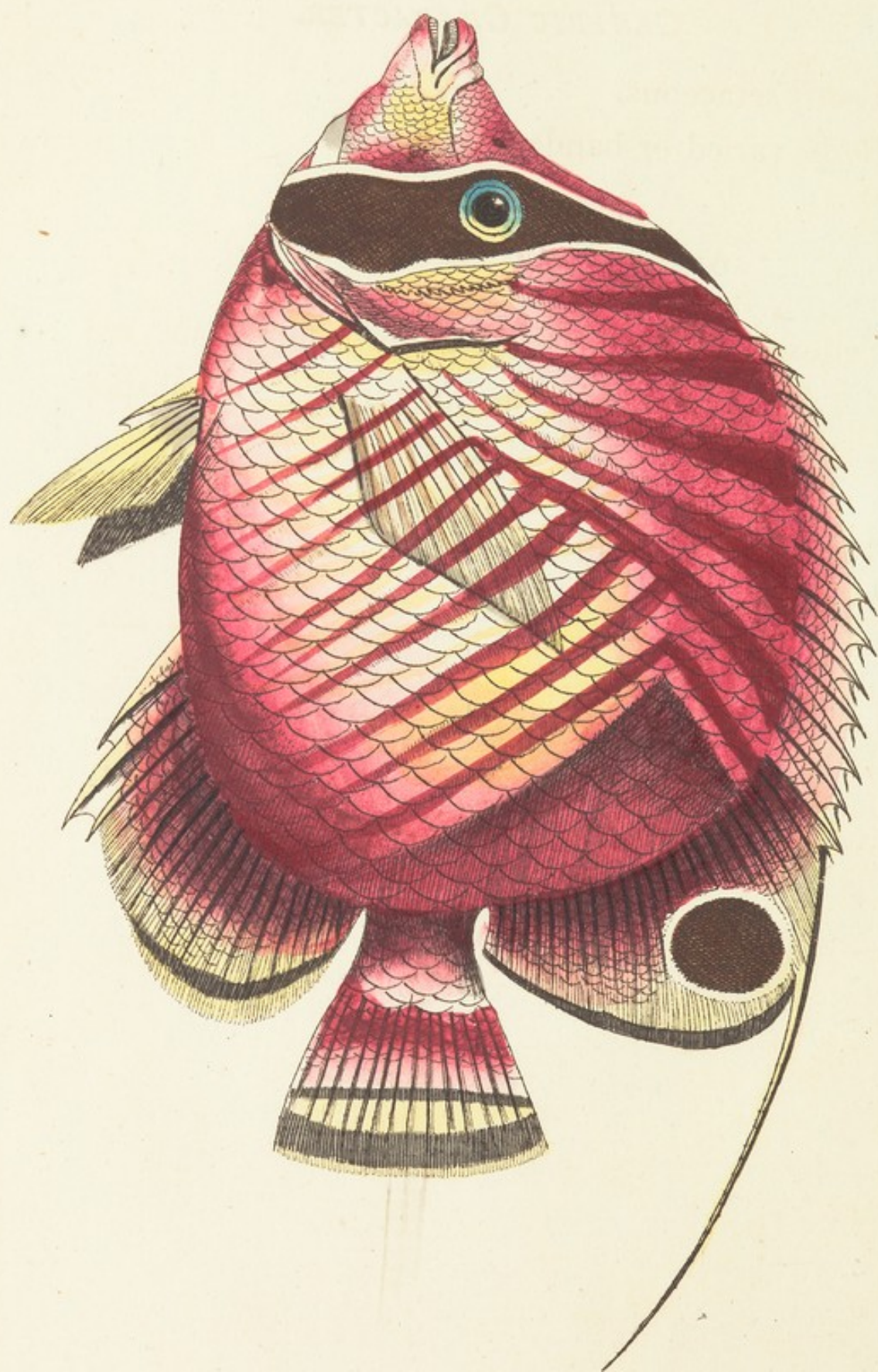
Maria incolit Indica Chætodon setifer, cujus  
veram magnitudinem cernere est in tabula.





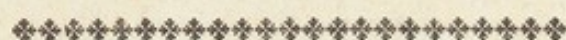








THE  
RED-STRIPED CHÆTODON.



*GENERIC CHARACTER.*

*Teeth* setaceous.

*Body* varied or banded.

*SPECIFIC CHARACTER, &c.*

Yellowish CHÆTODON, with numerous red stripes on the body, and an eye-shaped spot and bristle on the dorsal fin.

The RED-STRIPED CHÆTODON.

---

、 The red-striped Chætodon is an inhabitant of the Indian seas, and is represented on the annexed plate in its natural size.



# THE HISTORY OF THE

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REIGN OF

# VOLUTA HEBRÆA.



## CHARACTER GENERICUS.

*Animal* Limax.

*Testa* unilocularis, spiralis.

*Apertura* ecaudata, subeffusa.

*Columella* plicata: Labio Umbilicove nullo.

*Lin. Syst. Nat.* p. 1186.

## CHARACTER SPECIFICUS, &c.

VOLUTA subferruginea, fusco reticulata, anfractibus spinis subacutis, columella plicis quinque validioribus tribusque obsoletis.

VOLUTA EBRÆA. V. testa emarginata fusiformi, anfractibus spinis subacutis, columella plicis quinque validioribus tribusque obsoletis.

*Lin. Syst. Nat.* p. 1194.

Lignum venosum. *Argevo.* 17. f. D.

---

E maribus extrahitur Indicis et Americanis rara hæc testa, in pulcherrimis sui generis merito habenda. Major interdum est quam in tabula ostenditur.



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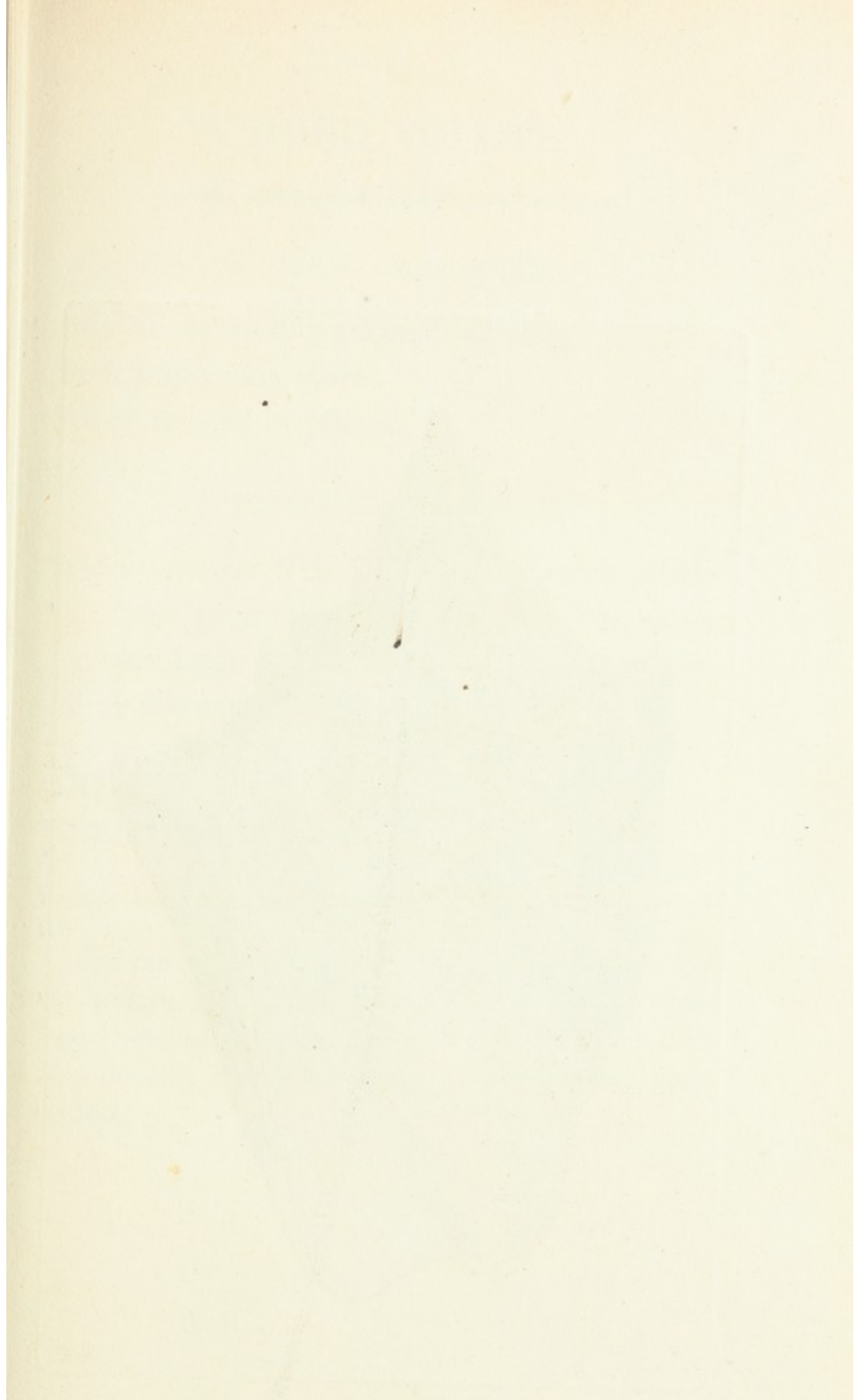
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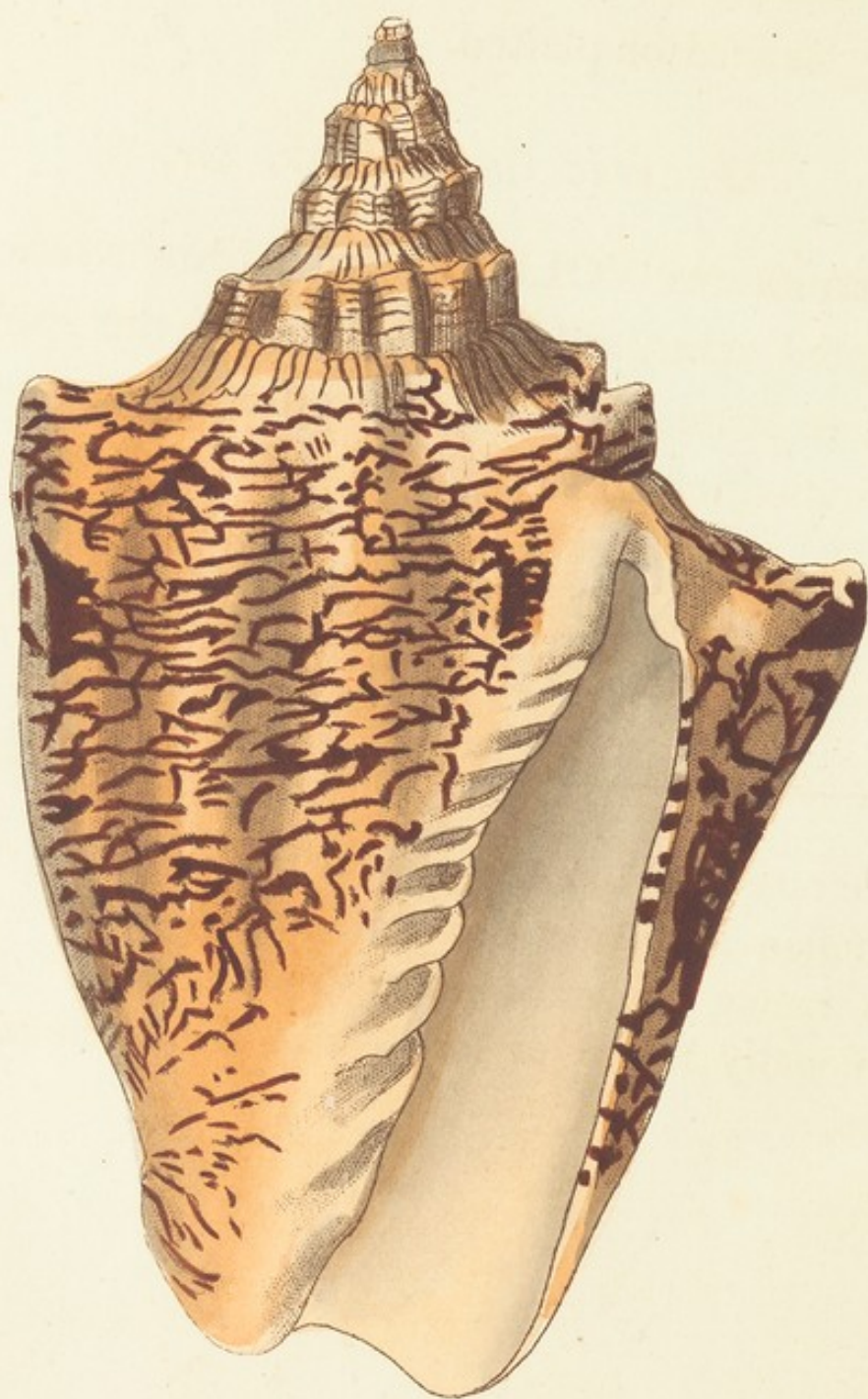
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R.V.

THE  
VEINED VOLUTE.



GENERIC CHARACTER.

*Animal* resembling a Limax or Slug.

*Shell* unilocular, spiral.

*Pillar* twisted or plaited.

SPECIFIC CHARACTER, &c.

Subferruginous VOLUTE, with brown reticulated veins, subacute spines on the spires, five large plaits on the pillar, with three indistinct ones.

GREAT VEINED VOLUTE.  
HEBREW VOLUTE.

---

The rare shell on the present plate is a native of the Indian and American seas, and is justly numbered among the most beautiful of its tribe. It is occasionally found of larger size than here represented.



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# CORVUS BRACHYURUS.



## CHARACTER GENERICUS.

*Rostrum* convexum, cultratum.

*Nares* pennis setaceis recumbentibus obtectæ.

*Lingua* cartilaginea, bifida.

*Pedes* ambulatorii.

*Lin. Syst. Nat.* p. 155.

## CHARACTER SPECIFICUS, &c.

CORVUS viridis, subtus lineisque capitis fulvescentibus, alis macula alba.

*Lin. Syst. Nat.* p. 152.

*Pica* cauda brevi.

*Edw. av. t.* 324.

*Pica* indica vulgaris.

*Raj. av. p.* 195.

---

Indiam insulasque indicas incolit *Corvus brachyurus*, magnitudine, ut plurimum, merulam vulgarem æquans; coloribus non raro variat.



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BY: [illegible]

CLASSIFICATION: [illegible]

DESCRIPTION: [illegible]

REMARKS: [illegible]

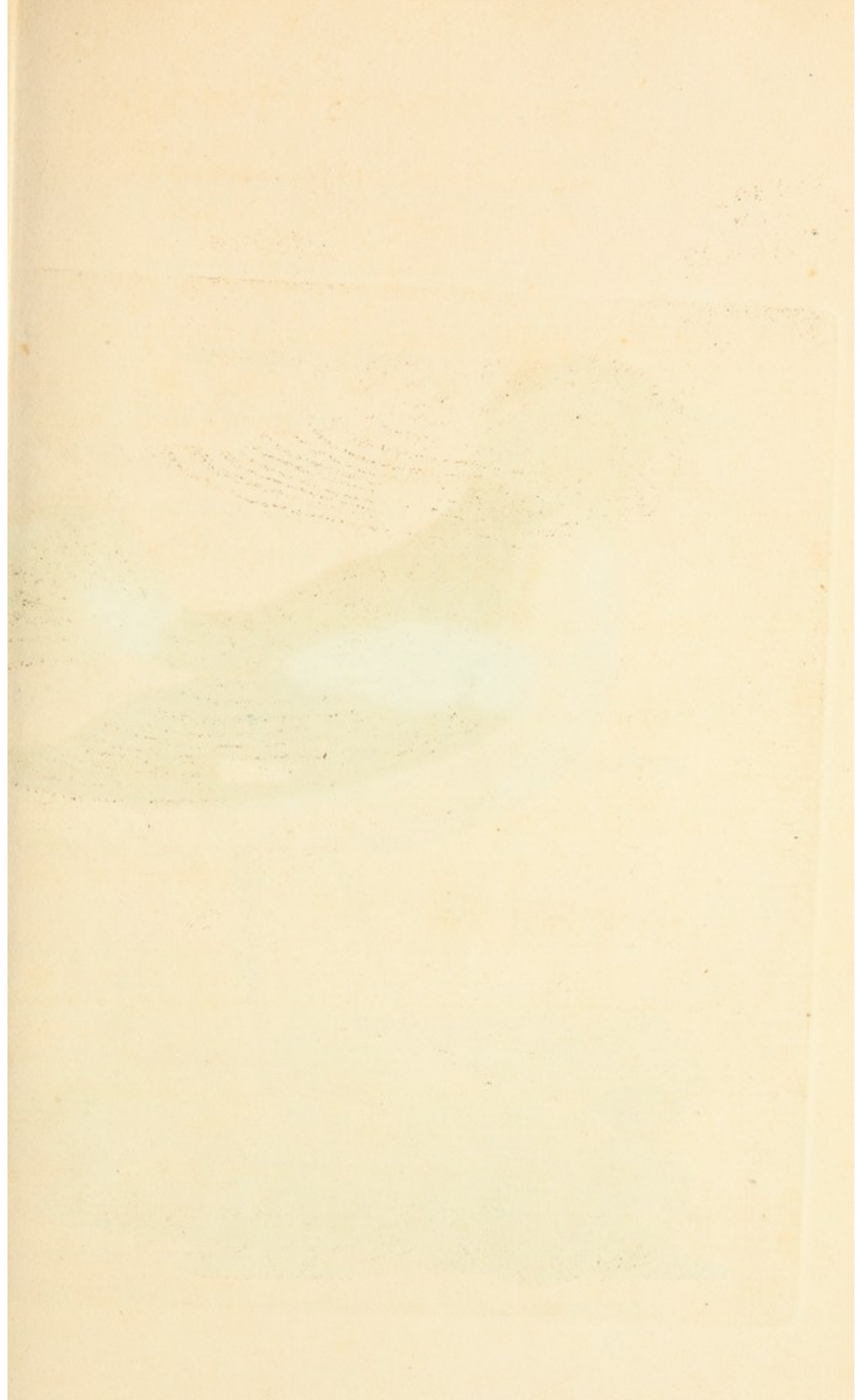
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CLASSIFICATION: [illegible]

DESCRIPTION: [illegible]

REMARKS: [illegible]









THE  
SHORT-TAILED CROW.



GENERIC CHARACTER.

*Bill* convex, cultrated.

*Nostrils* covered with recumbent bristly feathers.

*Tongue* cartilaginous, bifid.

*Feet* formed for walking.

SPECIFIC CHARACTER, &c.

Green crow, with fulvous abdomen, fulvous stripe on each side the head, blue shoulders, and white spot on the wings.

Breve de Bengale.

*Buff. ois.* 3. p. 414.

Merle de Bengale.

*Pl. Enl.* 258.

Short-tailed Pye.

*Edw. pl.* 324.

---

The Short-Tailed Crow is an inhabitant of India and the Indian islands, and is generally about the size of a blackbird: in colours it often varies considerably.





# LEPAS ANSERIFERA ?



## CHARACTER GENERICUS.

*Animal* Triton.

*Testa* multivalvis, inæquivalvis, basi affixa.

*Lin. Syst. Nat.* p. 1107.

## CHARACTER SPECIFICUS, &c.

LEPAS testa compressa quinquevalvi striata,  
intestino insidente.

*Lin. Syst. Nat.* p. 1109.

Concha anatifera, &c.

*Ellis act. angl.* 1758, t. 34. f. 5. 6.

---

Maria Americana incolit hæc species, lepadî anatiferae in hoc opere antea depictæ admodum affinis. Magnitudine vera in tabula exprimitur.











THE  
ANSERINE BARNACLE.



*GENERIC CHARACTER.*

*Animal* resembling a Triton.

*Shell* multivalve, with unequal valves, and fixed  
by its base.

*SPECIFIC CHARACTER, &c.*

BARNACLE with compressed, quinquevalvular,  
striated shell, seated on a moderately short  
tubular process.

Larger White BARNACLE.

Short-stalked BARNACLE.

---

The present species of Lepas, very nearly allied  
to the Lepas anatifera, before figured in the present  
work, is an inhabitant of the American seas, and is  
represented in its natural size.





# PAPILIO APOLLO.



## CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (sedentis) erectæ sursumque conniventes, (volatu diurno.)

*Lin. Syst. Nat.* p. 744.

## CHARACTER SPECIFICUS, &c.

PAPILIO alis albis nigro-maculatis ; posteribus supra ocellis quatuor, subtus sex basique rubris.

*Lin. Syst. Nat. Gmel.* p. 2256.

EQ. PARN.

PAPILIO Rhea.

*Poda ins.* p. 66.

---

In Italia, Germania, Gallia, aliisque Europæ regionibus invenitur Papilio Apollo, in insulis Britannicis nunquam conspectus: larva atra, rubropunctata, telephii folia præcipue depascitur, et in chrysalidem fuscam pulvere quasi glauco seu potius violaceo conspersam convertitur.



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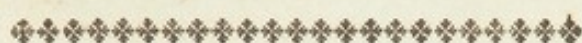
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# APOLLO.



## GENERIC CHARACTER.

*Antennæ* commonly thickening towards the end into a clavated tip.

*Wings* (when at rest) meeting upwards. (Flight diurnal.)

## SPECIFIC CHARACTER, &c.

Butterfly with white rounded wings, spotted with black; the lower pair marked with annular red spots.

L'Alpicola.

*Pl. Enl. 68.*

The Red-ring BUTTERFLY.

---

This elegant insect is a native of Italy, Germany, France, and some other parts of Europe, but is not found in the British dominions: the caterpillar is of a black colour, spotted with red, and changes into a brown chrysalis covered with a kind of glaucous or rather violet-coloured powder.



ABOLLO.  
CYPRINUS RONDELETTI.

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## CYPRINUS RONDELETII.



Hunc piscem primus, ut opinor, descripsit celeberrimus Rondeletius: liceat mihi igitur ipsius auctoris verba subungere.

“Nec potui nec debui studiose lector silentio præterire miram Cyprini speciem quæ Lugduni in foro piscatorio viva empta est, dum hæc commentaria mea prelo jamjam committenda essent. Nullus fuit qui non, demptis capite et rostro, Cyprinum esse judicaret hunc piscem; nam squamarum figura et colore, pinnis, earundem situ, cauda idem plane est cum Cyprino. Pinna dorsi initio aculeum incisum habet, ut in Cyprino. Eundem aculeum habet alia pinna quæ excrementorum meatum sequitur, quæ rubescit, item caudæ pars ei respondens. Tota cauda lata est ut in Cyprino. Duas alias pinnas habet ad branchias, similiter duas in ventre. Caput habet non protensum ut Cyprinus sed Delphini capiti simile, rostrum satis longum sed obtusum quale revera pictura repræsentat. Ex superiore rostri parte juxta oris scissuram appendix carnosa utrinque una dependet, ut in Cyprino, hac superior est alia brevis et vix apparens nisi propius inspicias utrinque etiam unica.”

*Rond. aquat. hist. 2. p. 155.*













THE  
RONDELETIAN CARP.



Spur-fish.

*Edw.* pl. 282.

---

This singular fish seems to have been first described by the celebrated Rondeletius, from a living specimen, brought into the fish-market at Lyons at the time his work was printing.

No one, says he, who saw the fish, (supposing the head taken away,) would imagine it to be any thing but a Carp, which it exactly resembles in the shape and colour of its scales, and situation of the fins and tail. The dorsal fin at its commencement has a strong serrated spine, as in the Carp, and a similar one at the commencement of the vent-fin, which latter, as well as the tail, is of a reddish colour, and shaped like that of a Carp: at the gills are two fins, and likewise two at the abdomen: the head is not stretched forwards as in the Carp, but resembles that of a Dolphin; having a longish but obtuse snout, as represented in the figure: from the upper part of the snout, on each side the opening of the mouth, hangs a fleshy appendix or beard, as in the Carp, and above this, on each side, is a much smaller one, scarce perceptible without close inspection.





# TURDUS COCHINCHINENSIS.



## CHARACTER GENERICUS.

*Rostrum* tereti-cultratum : mandibula superiore apice deflexo, emarginato.

*Nares* nudæ superne membranula semitectæ.

*Faux* ciliata.

*Lingua* lacero-emarginata.

*Lin. Syst. Nat.* p. 291.

## CHARACTER SPECIFICUS, &c.

TURDUS viridis, gula nigra arcu flavo cincta.

TURDUS COCHINCHINENSIS. T. viridis, maculis ad basin rostri utrinque cœruleis, facie mento et gula nigris, hac arcu flavo cincta.

*Lin. Syst. Nat. Gmel.* p. 825.

T. viridis loris gulaque nigris, sub gula lunula lata flava, ad basin rostri utrinque macula cœrulea.

*Lath. ind. orn.* p. 357.

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Cochinchinam incolit pulchra hæc species, et magnitudine vera in tabula exprimitur.



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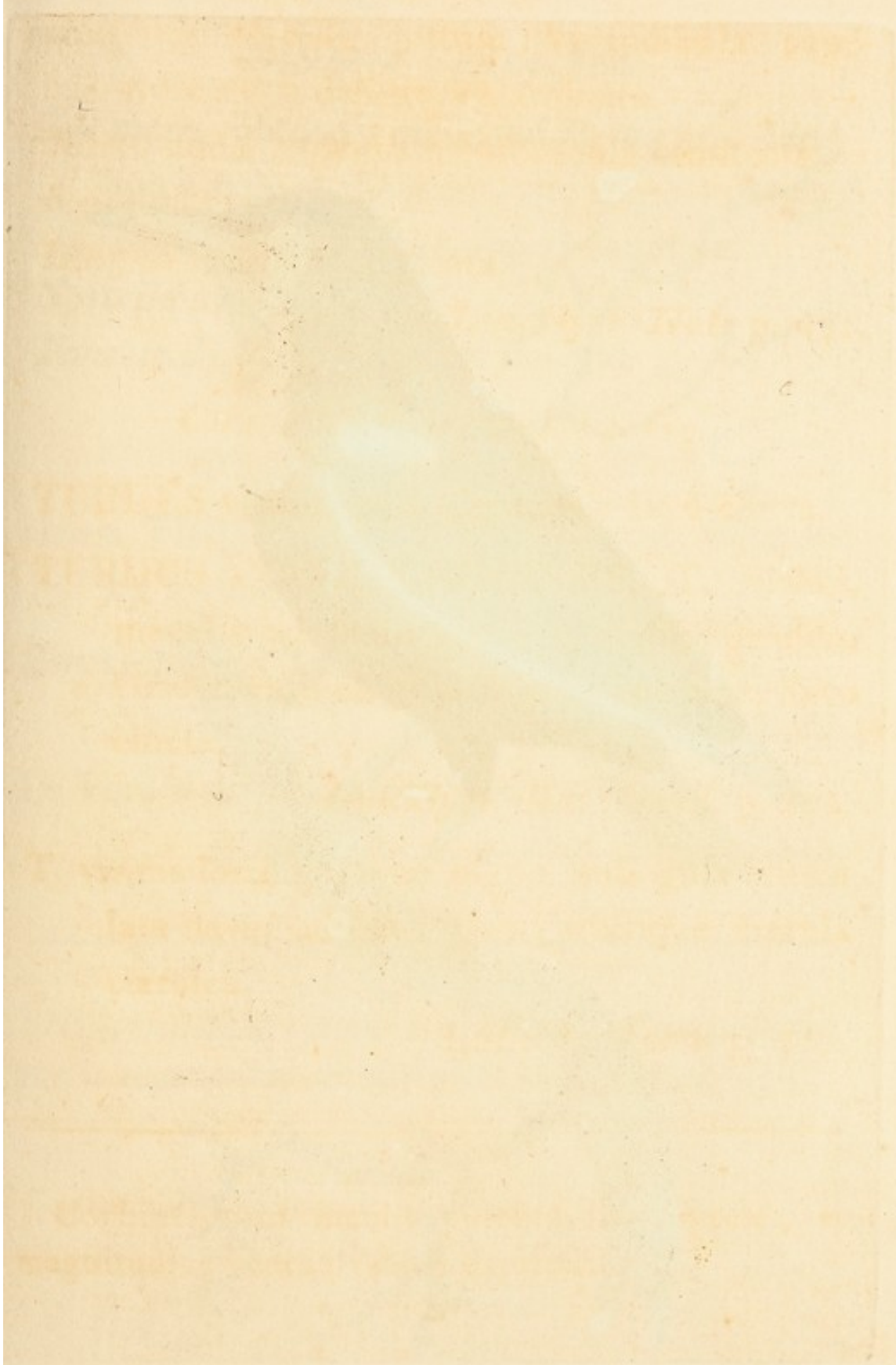
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THE  
COCHINCHINA THRUSH.



GENERIC CHARACTER.

*Bill* strait, obtusely carinated at the top, bending a little at the point, and slightly notched near the end of the upper mandible.

*Nostrils* oval.

*Tongue* slightly jagged at the end.

SPECIFIC CHARACTER, &c.

Green THRUSH, with black throat, bounded by a yellow crescent.

Black-chinned THRUSH.

*Lath. syn.* 2. p. 79.

Le Verdin de la Cochinchine.

*Buff. ois.* 3. p. 409. *Pl. Enl.* 643.

---

This beautiful species is a native of Cochinchina, and is represented on the plate in its natural size.





# VOLUTA VESPERTILIO.



## CHARACTER GENERICUS.

*Animal* Limax.

*Testa* unilocularis, spiralis.

*Apertura* ecaudata, subeffusa.

*Columella* plicata; labio umbilicove nullo.

*Lin. Syst. Nat.* p. 1186.

## CHARACTER SPECIFICUS, &c.

VOLUTA subfulva, fusco variata, basi spinis  
cincta, columella quadriplicata.

VOLUTA VESPERTILIO. V. testa emarginata  
anfractibus spinis acutis, columella quadri-  
plicata, labio lævi.

*Lin. Syst. Nat. Gmel.* p. 3461.

---

Volutæ Hebrææ, quam antea descripsimus, affinis  
admodum Voluta Vespertilio maria incolit Indica,  
a seipsa non raro discrepans quo ad formam et pro-  
portionem testæ. Alia scilicet specimina ventriosa  
sunt, prominentiis circa basin conspicuis et mucro-  
natis; alia tenuiora sunt, prominentiis minoribus,  
vix et ne vix mucronatis. Color testæ generalis  
flavo-ferrugineo-pallet, subnigro vel rufo-fusco va-  
riatus.



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Published by the

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Foreign Affairs

of the

House of Representatives

in

1954

Volume I

Part I

Section I

Chapter I

Article I

Section I

Article I

Section I

Article I

Section I

Article I

Section I







THE  
BAT'S-WING VOLUTE.



GENERIC CHARACTER.

*Animal* resembling a Limax or Slug.

*Shell* unilocular, spiral.

*Pillar* twisted or plaited.

SPECIFIC CHARACTER, &c.

Subfulvous VOLUTE, with brown variegations,  
base surrounded by spines, and four-plaited  
pillar.

*Seb. mus.* 3. t. 67.

*Rumph. mus.* t. 32. f. H.

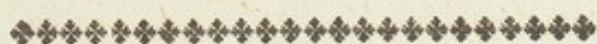
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The present species, considerably allied to the *Voluta Hebræa*, figured in a former number of the present work, is a native of the Indian seas, and is subject to considerable variety as to the form and proportions of the shell, some specimens being very ventricose, and furnished with greatly prominent and pointed processes round the base, while others are of a more slender form, with very slightly projecting processes. Its general colour is pale or yellow-feruginous, with dusky or rufous-brown variegations.





# PLATYSTACUS ANGUILLARIS.



## CHARACTER GENERICUS.

*Truncus* brevis, depressus. Cauda longa, compressa.

*Bloch. ichth. 11. p. 42.*

*Abdominales.*

## CHARACTER SPECIFICUS, &c.

PLATISTACUS fuscus, striis longitudinalibus albis, pinna ani, caudæ dorsique secundo connatis.

PLATYSTACUS ANGUILLARIS. P. pinna ani, caudæ dorsique secundo connatis.

*Bloch. ichth. 11. p. 49. t. 373.*

---

Platystacum cotylephorum in opere nostro non ita pridem descripsimus. Ab hoc differt species de qua jam agitur capite magis elongato, spinis thoracicis minoribus, præcipue vero acetabulis nullis sub abdomine sitis. Eadem incolit maria quæ Platystacus cotylephorus.





# THE HISTORY OF THE CITY OF BOSTON

FROM THE FIRST SETTLEMENT  
TO THE PRESENT TIME  
BY  
JOHN H. COLEMAN  
OF THE CITY OF BOSTON  
IN TWO VOLUMES  
VOL. I.  
BOSTON: PUBLISHED BY  
J. B. LEECH, 15 N. MARKET ST.  
1855.





THE  
EEL-SHAPED PLATYSTACUS.



GENERIC CHARACTER.

*Body* short, depressed. *Tail* long, compressed.

*SPECIFIC CHARACTER, &c.*

Brown PLATYSTACUS, with longitudinal white stripes, and the second dorsal, anal, and caudal fin united.

### The striped PLATYSTACUS.

The *Platystacus cotylephorus* has before been represented in the present publication: the species now figured is a native of the same seas, and differs in the more lengthened form of the head, the smaller size of the thoracic aculei, and particularly in the want of those numerous acetabular processes situated beneath the abdomen.



# THE SHAPED PLATYSTACUS

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# SCARABÆUS DICHOTOMUS.



## CHARACTER GENERICUS.

*Antennæ* clavatæ capitulo fissili.

*Tibiæ* anticæ sæpius dentatæ.

*Lin. Syst. Nat.* p. 541.

## CHARACTER SPECIFICUS, &c.

SCARABÆUS thoracis cornu bidentato, capit-  
tis dichotomo, elytris rufis.

*Lin. Syst. Nat. Gmel.* p. 1528.

*Voet. coleopt.* t. 14. f. 107.

*Aubent. Pl. Enl.* t. 40. f. 5.

*Sultz. hist. ins.* t. 1. f. 1.

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In America meridionali invenitur Scarabæus di-  
chotomus, cujus veram magnitudinem ostendit ta-  
bula.



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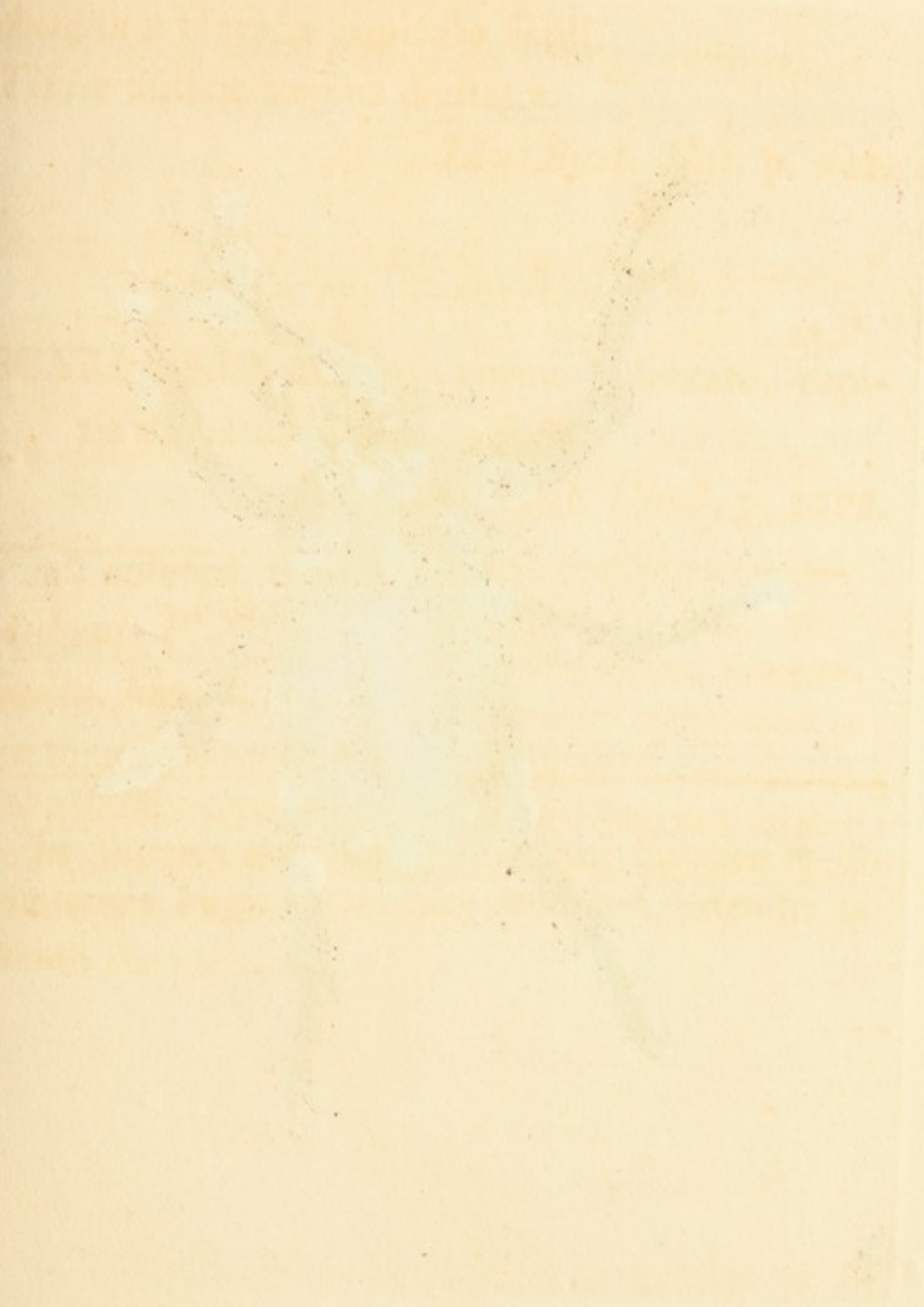
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# SCARABEUS DICHOTOMUS

Scarabaeidae: Scarabaeinae  
Dichotomus

Chrysomelidae







THE  
FORK-HORNED BEETLE.



*GENERIC CHARACTER.*

*Antennæ* divided at the tip into lamellæ.

*Tibiæ*, or second joints of the fore-legs generally toothed.

*SPECIFIC CHARACTER, &c.*

BEETLE with the horn of the thorax bidentated, that of the head dichotomous, and rufous wing-sheaths.

The Dichotomous BEETLE.

The FORK-HORNED BEETLE.

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This remarkable insect is a native of South America. The plate represents it in its natural size.



# THE FORK HORNED BEETLE

By J. H. COOPER

General Description

and was divided at the tip into lamellae.

Twice as second joints of the fore-legs generally

looked

Section Description

BEETLE with the rest of the thorax did not

touch that of the head, pronotum and

thorax were also

The dimensions of the

THE FORK HORNED BEETLE

This remarkable beetle is a native of North America

where it is quite plentiful in its native range

# CORVUS CAUDATUS.



## CHARACTER GENERICUS.

*Rostrum* convexum, cultratum.

*Nares* pennis setaceis recumbentibus obtectæ.

*Lingua* cartilaginea, bifida.

*Pedes* ambulatorii.

*Lin. Syst. Nat.* p. 155.

## CHARACTER SPECIFICUS.

**CORVUS** nigro-virescens, capistro plumoso nigro, cauda longa cuneata.

---

Avis elegantis nondum forsitan descriptæ, in Africæ, ut vulgo creditur, generatæ dimidiatam magnitudinem depinximus. Si plumas erectas et quasi sericeas quibus rostri basis circumdatur respicimus, cognatio quædam videtur esse illi cum genere quod *Paradisea* dicitur: cætera autem corvo simillima est; cui generi fas sit ut annumeretur veluti species quædam anomala.

De modo vivendi nihil pro certo compertum est.





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THE  
LONG-TAILED CROW.



GENERIC CHARACTER.

*Bill* convex, cultrated.

*Nostrils* covered by setaceous recumbent feathers.

*Tongue* cartilaginous, bifid.

*Feet* formed for walking.

SPECIFIC CHARACTER.

Greenish-black CROW, with downy, black frontlet, and long, cuneated tail.

---

This elegant bird, hitherto perhaps undescribed, is supposed to be a native of Africa, and is represented on the plate of half the natural size. In the erect downy or velvet-like feathers surrounding the base of the beak it is in some degree allied to the genus *Paradisea*, but in other respects is closely approximated to that of *Corvus*, under which genus it may be allowed to stand as a kind of anomalous species. Nothing particular is known of its history or manners.



# LONG-TAILED CROW.

## GENERIC CHARACTER.

Bill convex, culminated.  
Ivories covered by setaceous pectamentum  
there.  
Tongue cartilaginous, bidd.  
Feet formed for walking.

## SPECIFIC CHARACTER.

Greenish-black CROW, with brown, black  
frontlet, and long, connected tail.

This elegant bird, hitherto perhaps undescribed,  
is supposed to be a native of Africa, and is repre-  
sented on the plate of half the natural size. In the  
erect downy or velvet-like feathers surrounding the  
base of the beak it is in some degree allied to the  
genus *Parus*, but in other respects is closely ap-  
proximated to that of *Corvus*, which genus it  
may be allowed to stand as a kind of anomalous  
species. Nothing particular is known of its history  
or manners.

# TURBO PICA.



## CHARACTER GENERICUS.

*Animal* Limax.

*Testa* univalvis, spiralis, solida.

*Apertura* coarctata, orbiculata, integra.

*Lin. Syst. Nat.* p. 1232.

## CHARACTER SPECIFICUS, &c.

**TURBO** testa conico-rotundata, lævi, alba, nigro variata, denticulo umbilicali.

**TURBO PICA.** T. testa umbilicata, conico-rotundata, lævi, denticulo umbilicali.

*Lin. Syst. Nat.* p. 1235.

**PICA.**

*Argenv. conch.* t. 8. f. G.

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Elegantia saltem si non raritate commendata non cedit congeneribus species quam depinximus. Maria incolit Indica et Americana, sæpius major specimine quod in tabula monstratur.



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THE  
MAGPIE TURBO.



GENERIC CHARACTER.

*Animal* snail-shaped.

*Shell* univalve, spiral, solid.

*Aperture* orbicular.

SPECIFIC CHARACTER, &c.

Conic-rounded, smooth, white TURBO, with  
black streaks and umbilical tooth.

The MAGPIE TURBO, or Magpie-Shell.

---

In elegance, tho' not in rarity, the present species may perhaps be allowed to equal most of its congeners. It is a native of the Indian and American seas, and is frequently larger than the specimen here exhibited.



THE  
MAGPHE TURBO

GENERIC CHARACTER

Animal snail-shaped.  
Shell univalve, spiral, solid.  
Aperture orbicular.

SPECIFIC CHARACTER

Conic-rounded, smooth, white TURBO, with  
black streaks and umbilical tooth.  
The MAGPHE TURBO, or Magpie-Shell.

---

In elegance, tho' not in rarity, the present species may perhaps be allowed to equal most of its congeners. It is a native of the Indian and American seas, and is frequently larger than the specimens here exhibited.

# SYNBRANCHUS MARMORATUS.



## CHARACTER GENERICUS.

*Spiraculum* sub collo.

*Bloch.* 12. p. 74.

*Apodes.*

## CHARACTER SPECIFICUS.

SYNBRANCHUS olivaceo-flavescens, maculis  
violaceis variatus.

SYNBRANCHUS corpore Marmorato.

*Bloch.* 12. p. 75. t. 418.

---

A Blochio institutum genus *Synbranchus* piscium species continet qui juxta Linnæanam dispositionem apte satis ordinarentur in genere *Murænæ*; a quo præcipue differunt, quod spiraculum habeant solitarium sub collo situm.

Maria incolit Indica? species quam depinximus, crescitque in magnitudinem veluti anguillæ vulgaris.



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THE  
MARBLED SYNBRANCHUS.



*GENERIC CHARACTER.*

*A Spiracle* situated beneath the neck.

*SPECIFIC CHARACTER.*

Olivaceous-yellow SYNBRANCHUS, with violet variegations.

---

The genus Synbranchus, instituted by Dr. Bloch, consists of species which, in the Linnæan arrangement, might be not improperly placed in the genus *Muræna*; differing chiefly in the circumstance of having a single spiracle beneath the neck. The species here represented grows to the size of the common eel, and is a native of the Indian? seas.



THE  
MARBLED SYMBRANCHUS.

\*\*\*\*\*

GENERIC CHARACTER.

A Spinacle situated beneath the neck.

SPECIFIC CHARACTER.

Olivaceous-yellow SYMBRANCHUS, with violet  
variegations.

---

The genus *Symbanchus*, instituted by Dr. Bloch, consists of species which, in the Indian arrangement, might be not improperly placed in the genus *Muraena*; differing chiefly in the circumstance of having a single spinacle beneath the neck. The species here represented grows to the size of the common eel, and is a native of the Indian seas.

# PAPILIO LAERTES.



## CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (sedentis) erectæ sursumque conniventes, (volatu diurno.)

*Lin. Syst. Nat.* p. 744.

*Eq. Achiv.*

## CHARACTER SPECIFICUS, &c.

PAPILIO alis subdentatis concoloribus glaucis, primoribus macula marginali nigra.

## PAPILIO LAERTES.

*Drur. ins.* 3. t. 15. f. 1.

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Americam australem incolit rarissimus hic papilio, in elegantissimo opere Domini Drury primum fortasse depictus. Magnitudine vera in tabula annexa exprimitur.



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въ сѣверномъ обществѣ Россіи была выдана  
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Данъ въ 1794 году

БУЫГО СЪВѣДѢНІЯ

выданаго въ 1794 году

БУЫГО въ сѣверномъ обществѣ Россіи

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СНѢСЛѢНІЯ

въ 1794 году

ST. PATRICK'S CATHEDRAL

CHURCH OF THE HOLY TRINITY

CHURCH OF THE HOLY TRINITY









# LAERTES.



## GENERIC CHARACTER.

*Antennæ* commonly thickening towards the end into a clavated tip.

*Wings* (when at rest) meeting upwards. (Flight diurnal.)

## SPECIFIC CHARACTER.

Butterfly with slightly denticulated glaucous wings, of similar colour on both surfaces; the upper pair marked on the edge by a black spot.

---

This extremely rare Butterfly is a native of South America, and seems to have been first figured in the elegant work of Mr. Drury. The plate represents it in its natural size.



# TABLET

\*\*\*\*\*

## GENERIC CHARACTER.

Antennae commonly thickening towards the  
end into a clavated tip.  
Wings (when at rest) meeting upwards. (Flight  
diurnal.)

## SYNCRIC CHARACTER.

Butterfly with slightly denticulated glaucous  
wings, of similar colour on both surfaces;  
the upper pair marked on the edge by a  
black spot.

---

This extremely rare Butterfly is a native of South  
America, and seems to have been first figured in  
the elegant work of Mr. Drury. The plate repre-  
sents it in its natural size.

# PALAMEDEA CORNUTA.



## CHARACTER GENERICUS.

*Rostrum* conicum, mandibula superiore adunca.

*Nares* ovatae.

*Pedes* tetradactyli, fissi.

## CHARACTER SPECIFICUS, &c.

PALAMEDEA nigra, subtus alba, alulis bispinosis, fronte cornuta.

PALAMEDEA cornuta. P. alulis bispinosis fronteque cornuta.

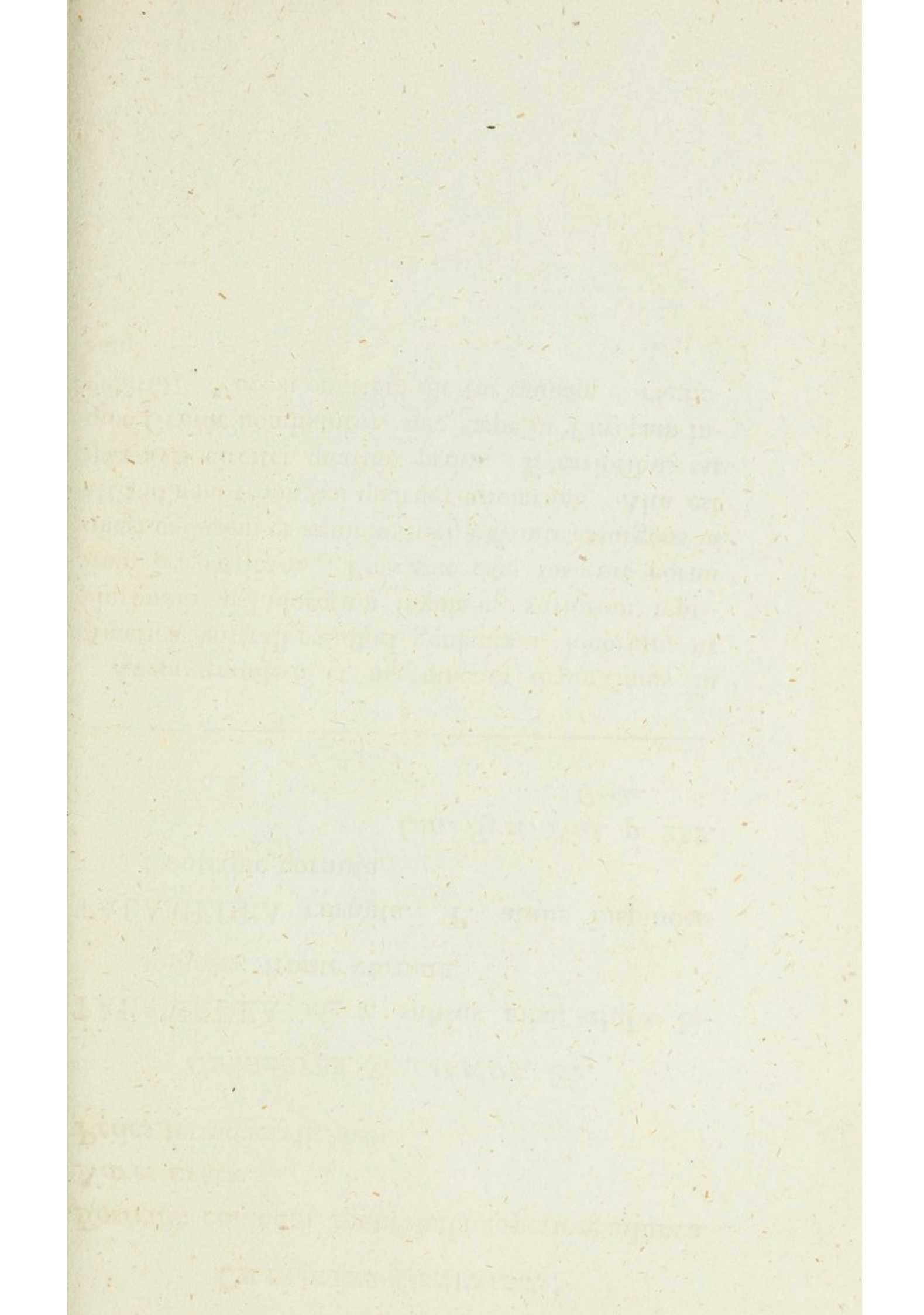
*Lin. Syst. Nat.* p. 232.

*Grallæ.*

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Avem grandem et magnificam depinximus in America Australi calidiori generatam, locorum, ut plurimum, paludosorum incolam, variorum reptilium prædatricem. Præcipue eam insignit cornu quasi callosum et acuminatum, e fronte assurgens in altitudinem trium seu quatuor unciarum. Alta est ipsa avis circiter quatuor pedes. E rarioribus est quæ *Grallæ* nominantur, nec sæpe in Europam invehitur. Vocem emittere dicitur raucam et clamor sam.





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ASTOR LENOX AND TILDEN FOUNDATIONS

1897

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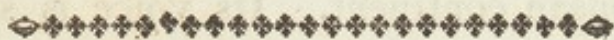
ASTOR LENOX AND TILDEN FOUNDATIONS







THE  
HORNED SCREAMER.



GENERIC CHARACTER.

*Bill* conic, bending down at the point.

*Nostrils* ovate.

*Feet* tetradactyle, divided.

SPECIFIC CHARACTER, &c.

Black SCREAMER, white beneath, with two  
spines at each shoulder, and slender frontal  
horn.

Anhima.

*Will. orn.* p. 276. pl. 47.

Le Kamichy.

*Buff. ois.* 7. p. 335. pl. 18.

*Pl. Enl.* 451.

---

The large and stately bird here represented is a native of the hotter parts of South America, residing in marshy places, and feeding principally on various kinds of reptiles: its most striking external character is the upright callous process or pointed horn on the top of the head, which rises to the



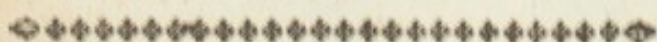
height of three or four inches. The general height of the bird is about four feet. It is one of the rarest of the *Grallæ*, and is but seldom imported into the European continent. Its voice is said to resemble a harsh scream.

height of three or four feet. The general height  
of the land is about two feet. It is  
covered of the ground, and is not  
into the large open country. The  
remains a hard ground.





## SPHINX ANNONÆ.



### CHARACTER GENERICUS.

*Antennæ* subprismaticæ, utroque fine attenuatæ.

*Lingua* (plerisque) exserta.

*Palpi* duo reflexi.

*Alæ* deflexæ.

### CHARACTER SPECIFICUS, &c.

SPHINX griseo fuscoque varia, dorso albido.

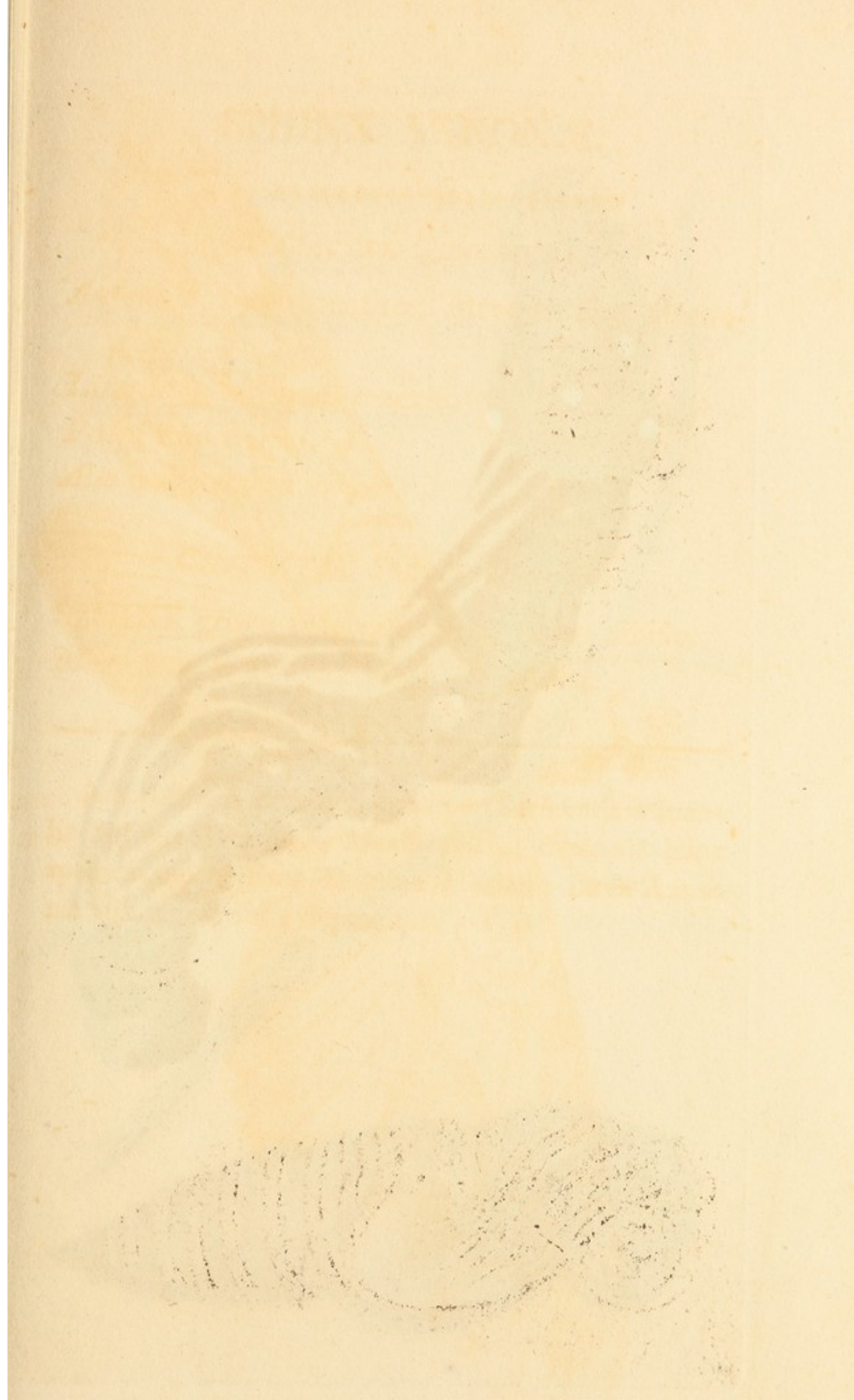
*Mer. Sur. t. 3.*

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Americam Australem, præcipue Surinamiam incolit Sphinx Annonæ. Memoravit et depinxit hanc speciem celeberrima Domina Merian: larva Annonæ squamosæ folia depascitur.













THE  
ANNONA SPHINX.



GENERIC CHARACTER.

*Antennæ* subprismatic, attenuated at each extremity.

*Tongue* generally exerted.

*Feelers* two, reflex.

*Wings* deflected.

SPECIFIC CHARACTER.

Grey SPHINX with dark variegations and whitish back.

---

The present species is a native of South America, and particularly of Surinam. It is described and figured by the celebrated Madam Merian. The Caterpillar feeds on the leaves of the *Annona Squamosa*.



THE  
ANNONA SPHINX

\*\*\*\*\*

GENERIC CHARACTER

Antennae bipinnate, attenuated at ends of

segments.

Tongue generally erect.

Palpi two, reflex.

Wings collected.

Specific Character

Color SPHINX with dark segments and white

on back.

The present species is a native of North America and particularly of Florida. It is described and figured on the collected specimen. The description is on the fly of the Annals.

# CORNUCOPIA HELICINA.



## CHARACTER GENERICUS.

*Animal* Limax ?

*Testa* spiralis, fragilis, anfractibus a se invicem remotis.

*Apertura* orbiculata, integra.

## CHARACTER SPECIFICUS, &c.

CORNUCOPIA fusco-flavescens, fasciis longitudinalibus fuscis.

CORNU COPLÆ. C. testa conica, turrita, anfractibus duobus liberis, apertura orbiculata.

*Born. Test. M. Vind. p. 362.*

*Serpula* Cornu coplæ.

*Lin. Syst. Nat. Gmel. p. 3745.*

*Seb. 3. t. 40. f. 27 ?*

*Argenv. zoomorph. t. 9. f. 8. 2.*

---

Cochleam hanc rarissimam, cujus vera magnitudo in tabula exprimitur, descripsit celeberrimus Born, in opere quod conscripsit de Testaceis Musei Vindobonensis. Habitu generali quam proxime affinis videtur



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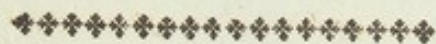
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videtur generibus *Helicis* et *Turbinis*; illi nempe facie similis; huic forma et apertura oris. Ab utrisque tamen in hoc differt, quod spiræ minime connectantur. De patria ambigitur.





THE  
HELICINE CORNUCOPIA.



GENERIC CHARACTER.

*Animal* allied to a *Limax*?

*Shell* spiral, brittle, with the spires remote  
from each other.

*Aperture* round, entire.

SPECIFIC CHARACTER, &c.

Yellowish-brown CORNUCOPIA, with longi-  
tudinal brown bands.

Snail CORNUCOPIA.

---

The very rare shell exhibited in its natural size on the present plate is described and figured by Baron Born in his work on the Testacea of the Imperial Museum at Vienna. In its general appearance it makes an extremely near approach to the genera of *Helix* and *Turbo*; agreeing most in habit with the former, and in the shape of its mouth or opening with the latter; but differs from both in the produced and unconnected disposition of its spires. Its native country is unknown.



# THE LITTLE CORNUCOPIA

BY JAMES H. HARRIS

THE CORNUCOPIA

Nothing is so common as to find a man who is a failure in one thing, but a success in another.

It is not the man who is a failure in one thing, but the man who is a failure in all things.

It is not the man who is a failure in one thing, but the man who is a failure in all things.

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It is not the man who is a failure in one thing, but the man who is a failure in all things.

# MUSCICAPA CORONATA.



## CHARACTER GENERICUS.

*Rostrum* subtrigonum, utrinque emarginatum,  
apice incurvo; *vibrissæ* patentès versus  
fauces.

*Nares* subrotundæ.

*Lin. Syst. Nat.* p. 324.

## CHARACTER SPECIFICUS, &c.

MUSCICAPA fusca, crista capitis rotundata  
temporibus corporeque subtus rubris.

*Lin. Syst. Nat. Gmel.* p. 932.

## MUSCICAPA CORONATA.

*Lath. ind. orn.* p. 487.

---

Avis pulcherrimæ in America australi generatæ  
veram magnitudinem ostendit tabula. A mari  
differt femina coloribus longe obscurioribus, et  
capite nulla crista insignito.



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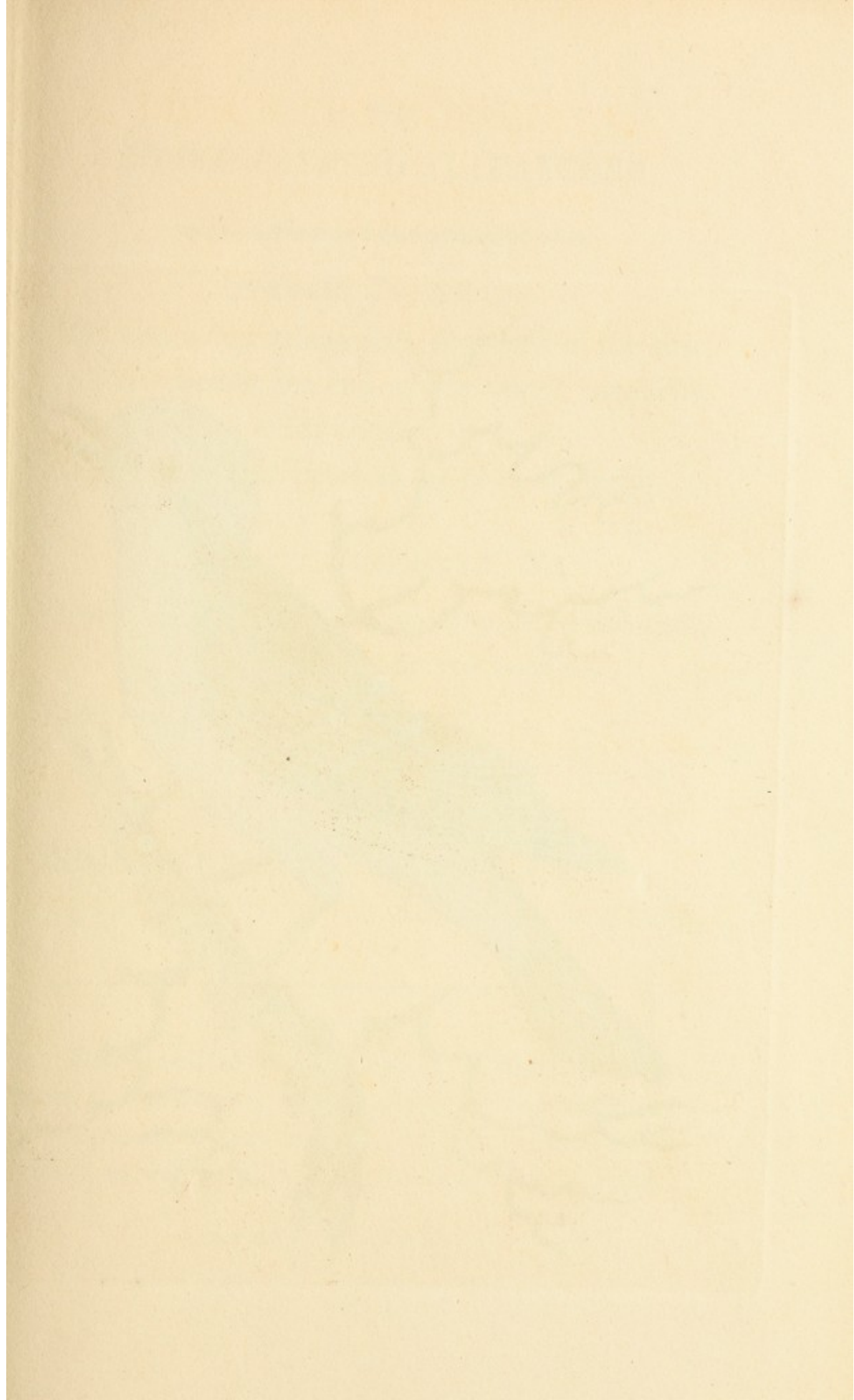
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THE  
ROUND-CRESTED FLYCATCHER.



GENERIC CHARACTER.

*Bill* somewhat triangular, flattened at the base,  
notched at the end of the upper mandible,  
and beset with bristles.

*Toes* generally divided as far as their origin.

SPECIFIC CHARACTER, &c.

Brown FLYCATCHER, with rounded red crest,  
red temples, and body red beneath.

Rubin ou Gobe-mouche huppé.

*Buff. ois.* 4. p. 547.

*Pl. Enl.* 675. f. 1.

ROUND-CRESTED FLYCATCHER.

*Lath. Syn.* 2. p. 362.

---

This beautiful bird is a native of South America,  
and is represented on the plate in its natural size:  
the female differs in being far less brilliant in colour,  
as well as in wanting the crest on the head.



# LEMMING

FOURTH DECEMBER 1894

\*\*\*\*\*

## CHARACTERISTICS

1. This is a species of Lemming.

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# LEMUR MINUTUS.

VAR. LEM. MURIN.?



## CHARACTER GENERICUS.

*Dentes Primores* superiores quatuor : intermediiis remotis.

*Inferiores* sex : longiores, porrecti, compressi, paralleli, approximati.

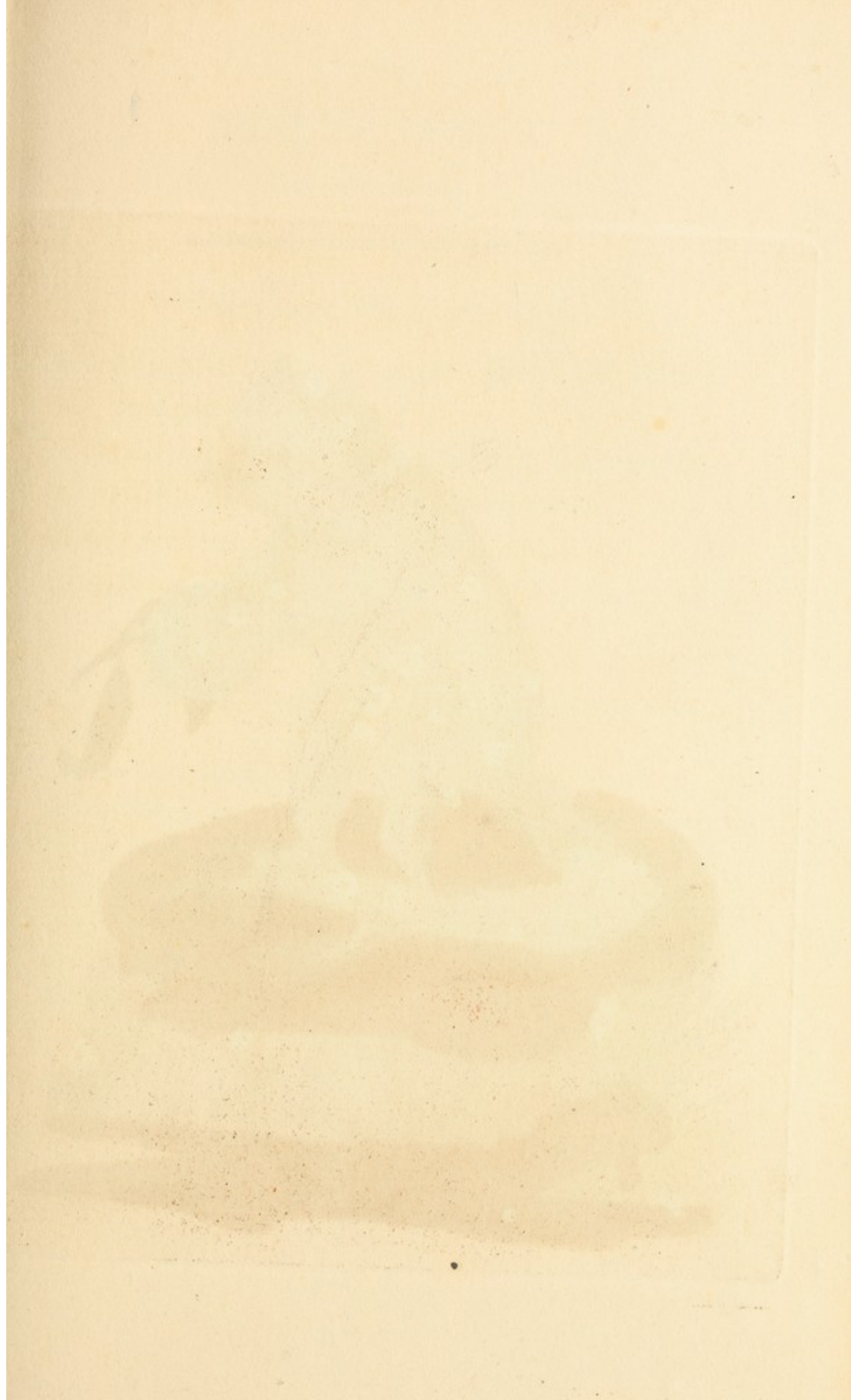
*Laniarii* solitarii, approximati.

*Molares* plures, sublobati : antici longiores, acutiores.

---

Perpusilli hujus Lemuris imago juxta veram magnitudinem depingitur. Quod ut fieret, pulchrum specimen, communicavit nobiscum Dominus Lathamus, ob amplam rerum naturalium supellectilem merito insignis. De historia et modo vivendi nihil compertum est.











R. P. N. Del.



THE  
MINUTE LEMUR.

VAR. LEM. MURIN.?



GENERIC CHARACTER.

*Front-Teeth* in the upper jaw four: the intermediate ones remote.

In the lower jaw six, longer, stretched forwards, compressed, parallel, approximated.

*Canine-Teeth* solitary, approximated.

*Grinders* several, sublobated: the foremost somewhat longer and sharper.

---

The very small Lemur here represented in its natural size is accurately copied from an elegant specimen in the possession of Mr. Latham, well known for his ample assortment of the curiosities of Nature. Mr. Latham received the specimen unaccompanied by any particulars relative to its history or manners.



# ARTICLE XXV

## CHAPTER IV

### Section I

And it is hereby enacted, That the

Commissioners of the

Land Office be and they are

authorized to do all such things

as may be necessary to carry

into effect the purposes of this

act, and to make such

regulations as may be

proper for the

execution of the

provisions of this

act, and to

publish the

same in the

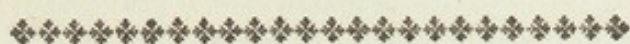
official

gazette, and

to cause the

same to be

# SERPULA ANGUINA.



## CHARACTER GENERICUS.

*Animal* Terebella.

*Testa* univalvis, tubulosa, adhærens, (sæpe isthmis integris passim intercepta.)

*Lin. Syst. Nat.* p. 1264.

## CHARACTER SPECIFICUS, &c.

SERPULA testa teretiuscula subspirali, fissura longitudinali subarticulata.

*Lin. Syst. Nat.* p. 1267.

*List. conch.* t. 548. f. 2.

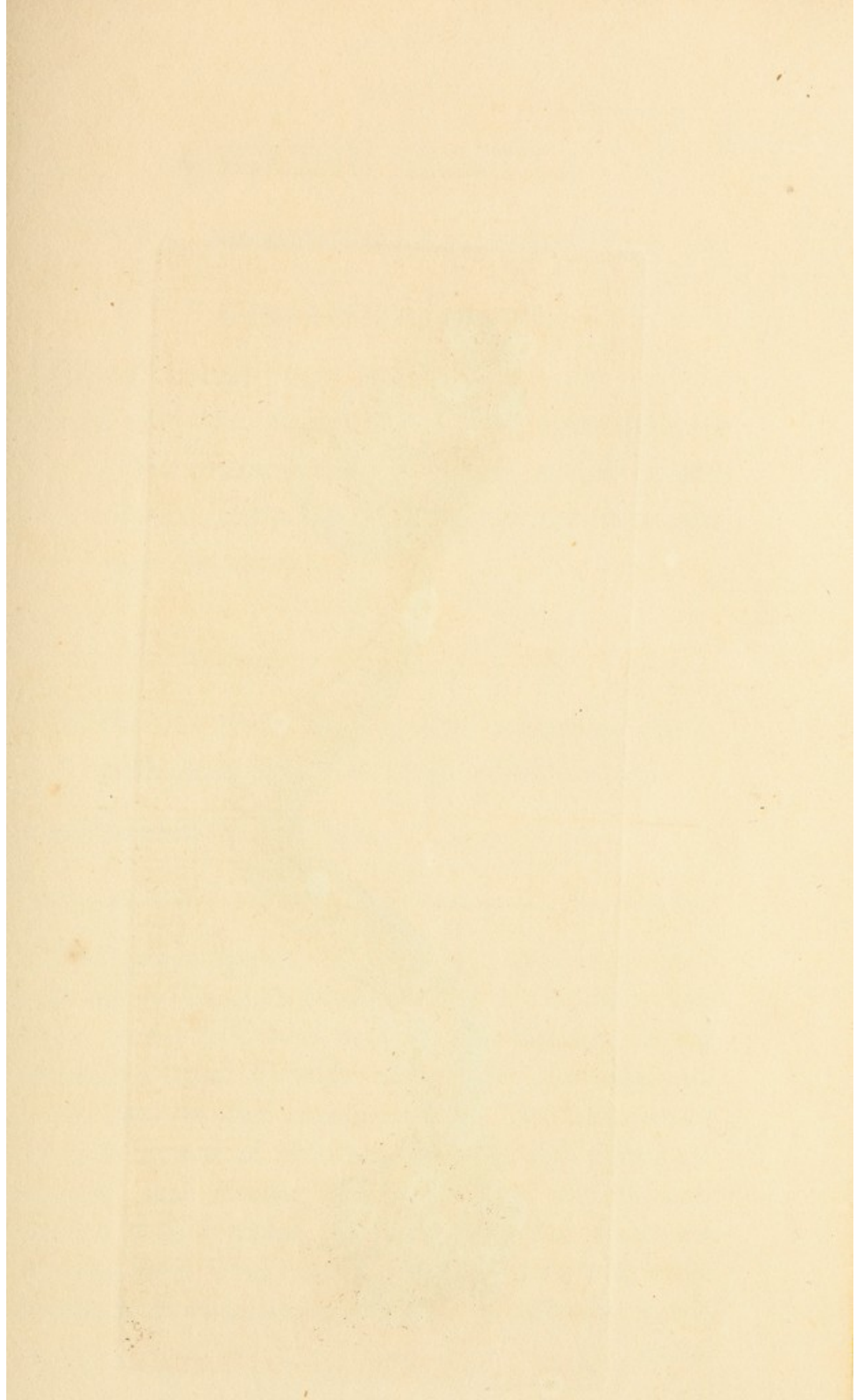
*Gualt. test.* t. 10. f. z.

---

Genus quod *Serpula* dicitur incolunt animalia a reliquis testaceis longe diversa, et quibus nonnulla esse videtur affinitas cum *Aphroditis* et *Nereidibus* apud *Mollusca*; et *Scolopendris* apud *Insecta*. Plurimorum tamen manca et incerta est notitia; nec adhuc descripsit aliquis incolam speciei de qua jam loquimur. Ipsius testæ mira omnino est conformatio. Tubus nempe e quo constat, quique in diversis speciminibus varias subit coloris et inflexionis vices, insignitur per totam longitudinem rima seu fissura, quæ continuam exhibet parvorum et oblongorum foraminum. E maribus extrahitur Indicis *Serpula* anguina.











THE  
ANGUINE SERPULA.



GENERIC CHARACTER.

*Animal* resembling a Terebella.

*Shell* univalve, tubular, adhering commonly to other substances, (in many species intercepted internally by dissepiments at uncertain distances.)

SPECIFIC CHARACTER, &c.

SERPULA with subcylindric subspiral shell, with an articulated longitudinal fissure.

Chain-Sided SERPULA.

---

The genus *Serpula* is inhabited by a very different race of animals from the rest of the testaceous tribe, and which seem to bear some analogy to the *Amphitritæ* and *Nereides* among the *Mollusca*, and to the *Scolopendræ* among *Insects*. Few however of the inhabitants of the *Serpulæ* are very distinctly known, and among others that of the present species still remains undescribed. The structure of the shell itself is highly singular; the tube of which it consists, and which in different specimens



mens exhibits considerable diversities of flexure and colour, being marked throughout its whole length by a fissure formed of a continued series of oblong perforations. It is a native of the Indian seas.

# PAPILIO ANTIMACHUS.



## CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (sedentis) erectæ sursumque conniventes, (volatu diurno.)

*Lin. Syst. Nat.* p. 744.

## CHARACTER SPECIFICUS, &c.

PAPILIO alis subconcoloribus nigricantibus fulvo-maculatis, superioribus elongatis.

PAPILIO ANTIMACHUS.

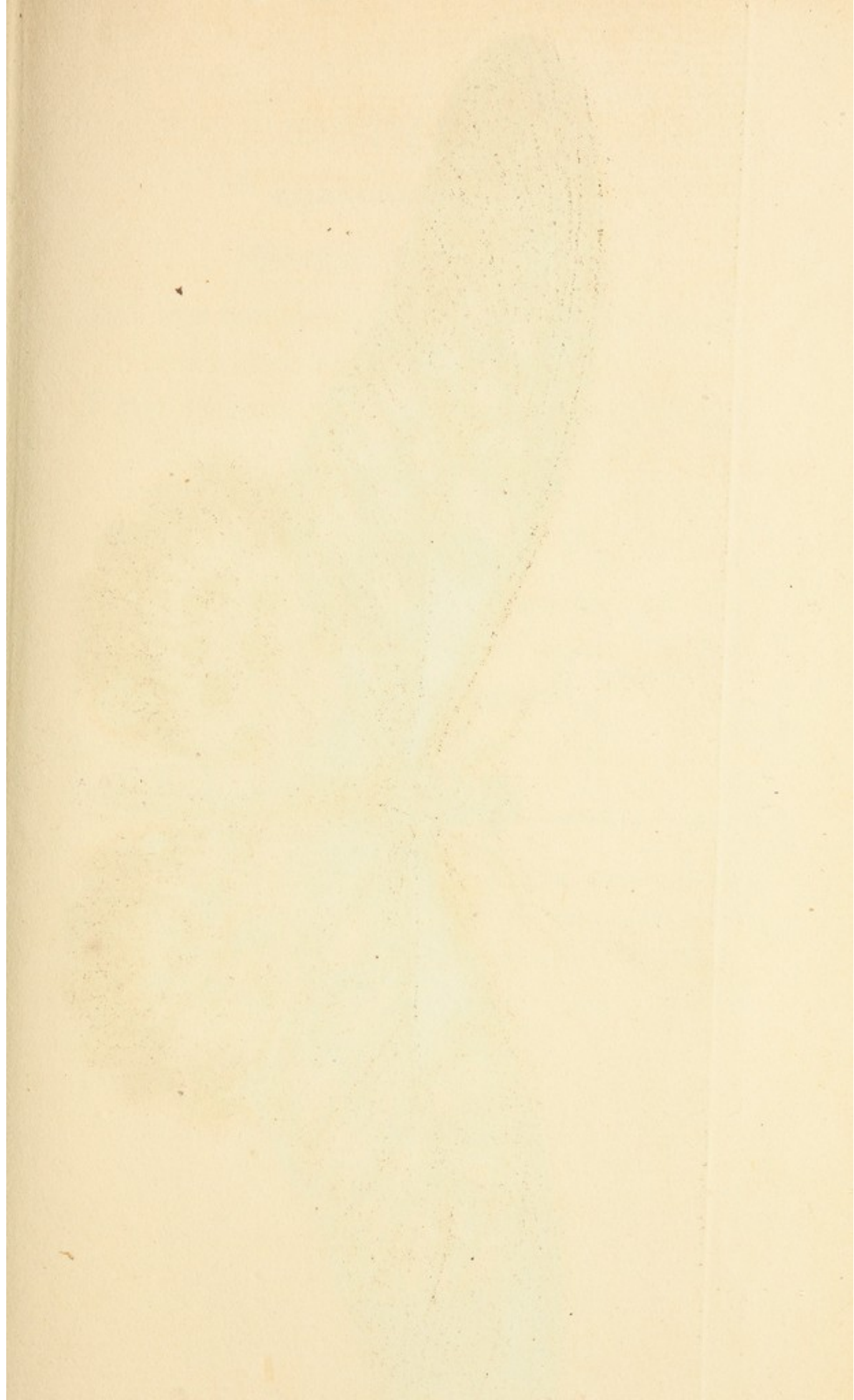
*Drury.* 3. t. 1.

*Eq. Tr.*

---

Magnitudine vera in tabula exprimitur Papilio Antimachus, in Sierra Leona præcipue conspectus, & in elegantissimo opere Domini Drury primum fortasse depictus.





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## ANTIMACHUS.



### GENERIC CHARACTER.

*Antennæ* commonly thickening towards the end into a clavated tip.

*Wings* (when at rest) meeting upwards. (Flight diurnal.)

### SPECIFIC CHARACTER, &c.

Butterfly with blackish wings marked by fulvous spots, both surfaces nearly similar, and the upper wings elongated.

Long-winged Leona Butterfly.

---

The *Papilio Antimachus* is chiefly observed in Sierra Leona, and is represented on the plate in its natural size. It seems to have been first figured in the elegant work of Mr. Drury.



# THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

BY

JOHN BURNET

OF THE UNIVERSITY OF OXFORD

IN TWO VOLUMES

THE FIRST

OF THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

BY

JOHN BURNET

OF THE UNIVERSITY OF OXFORD

IN TWO VOLUMES

THE SECOND

OF THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

BY

JOHN BURNET

OF THE UNIVERSITY OF OXFORD

# OTIS TETRAX.



## CHARACTER GENERICUS.

*Rostrum* subconvexum.

*Nares* ovatae, perviae.

*Lingua* bifida.

*Pedes* cursorii, tridactyli, alti, supra femora  
nudi.

*Lin. Syst. Nat.* Gmel. p. 722.

## CHARACTER SPECIFICUS, &c.

OTIS rufescens, fusco variata, collo (maris)  
nigro torque albo.

OTIS capite juguloque laevi.

*Lin. Syst. Nat.* p. 264.

---

E rarissimis est avium Britannicarum Otis Tetrax.  
Pulchrum tamen specimen non ita pridem scloppeto  
in Anglia confectum communicavit Dominus  
Thompsonus, avium, quas jactat Museum Britan-  
nicum et Leverianum, exsiccator ingeniosus. Mag-  
nitude est quasi Fulicae Porphyronis Linnæi.





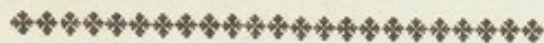








THE  
LITTLE BUSTARD.



GENERIC CHARACTER.

*Bill* subconvex.

*Nostrils* ovate, pervious.

*Tongue* bifid.

*Feet* tridactyle, cursorial.

SPECIFIC CHARACTER, &c.

RUFESCENT BUSTARD, with the neck (of  
the male) black with a white collar.

LITTLE BUSTARD.

*Edw.* pl. 251.

Petite Outarde, ou Canne-petiere.

*Buff. ois.* 2. p. 40.

*Pl. Enl.* 10. 25.

---

The Otis Tetrax, or Little Bustard, may be numbered among the rarest of the British birds. The elegant specimen represented on the present plate, and which was lately shot in our own country, was communicated by Mr. Thompson, preparer of birds, &c. to the British and Leverian Museums.



THE LITTLE CYCLOPEDIA

THE

LITTLE BOSTON

OF THE LITTLE BOSTON

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# PAPILIO CYPARISSIAS.



## CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (sedentis) erectæ sursumque conniventes, (volatu diurno.)

*Lin. Syst. Nat.* p. 744.

## CHARACTER SPECIFICUS, &c.

PAPILIO alis integerrimis nigris, fasciis duabus albis, anteriorum obliquis, posteriorum punctatis.

*Lin. Gmel.* p. 2273.

*Danai festivi.*

PAPILIO Dædalus.

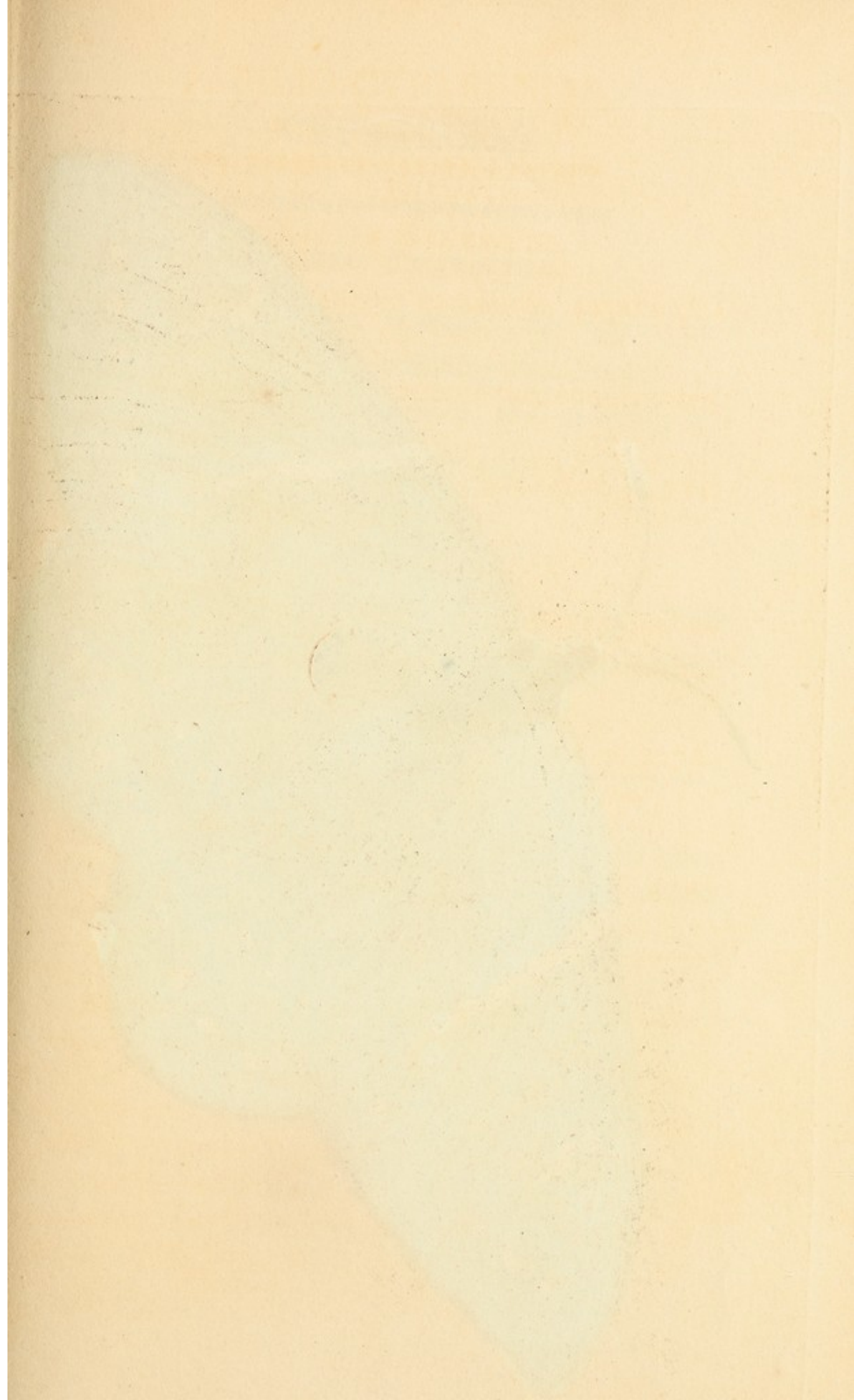
*Cram. pap.* 1. t. 1. f. A. B.

---

Americam Australem incolit Papilio Cyparissias, cujus veram magnitudinem ostendit tabula.











## CYPARISSIAS.



### GENERIC CHARACTER.

*Antennæ* thickening towards the upper part  
and generally terminating in a knob.

*Wings* (when sitting) erect, and meeting upwards. (Flight diurnal.)

### SPECIFIC CHARACTER.

BUTTERFLY with entire, black wings, with  
two white bands; those of the upper wings  
oblique; of the lower spotted.

---

The *Papilio Cyparissias* is a native of South America, and is represented on the plate in its natural size.



# SEPT. 17. 1877. CYPRUS.

Sept. 17. 1877. Cyprus.

Sept. 17. 1877. Cyprus.

Sept. 17. 1877. Cyprus. The weather was very hot and the wind was from the south. The sea was very calm and the water was very clear. The sky was very blue and the sun was very bright. The land was very green and the trees were very tall. The people were very friendly and the food was very good. The trip was very pleasant and the scenery was very beautiful.

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# SERPULA MURICATA.



## CHARACTER GENERICUS.

*Animal* Terebella.

*Testa* univalvis, tubulosa, adhærens, (sæpe isthmis integris passim intercepta.)

*Lin. Syst. Nat.* p. 1264.

## CHARACTER SPECIFICUS, &c.

SERPULA testa angulato-muricata, rima longitudinali subarticulata.

*Born test. mus. cæs. Vindob.* p. 440.

t. 18. f. 16.

SERPULA anguina  $\gamma$ .

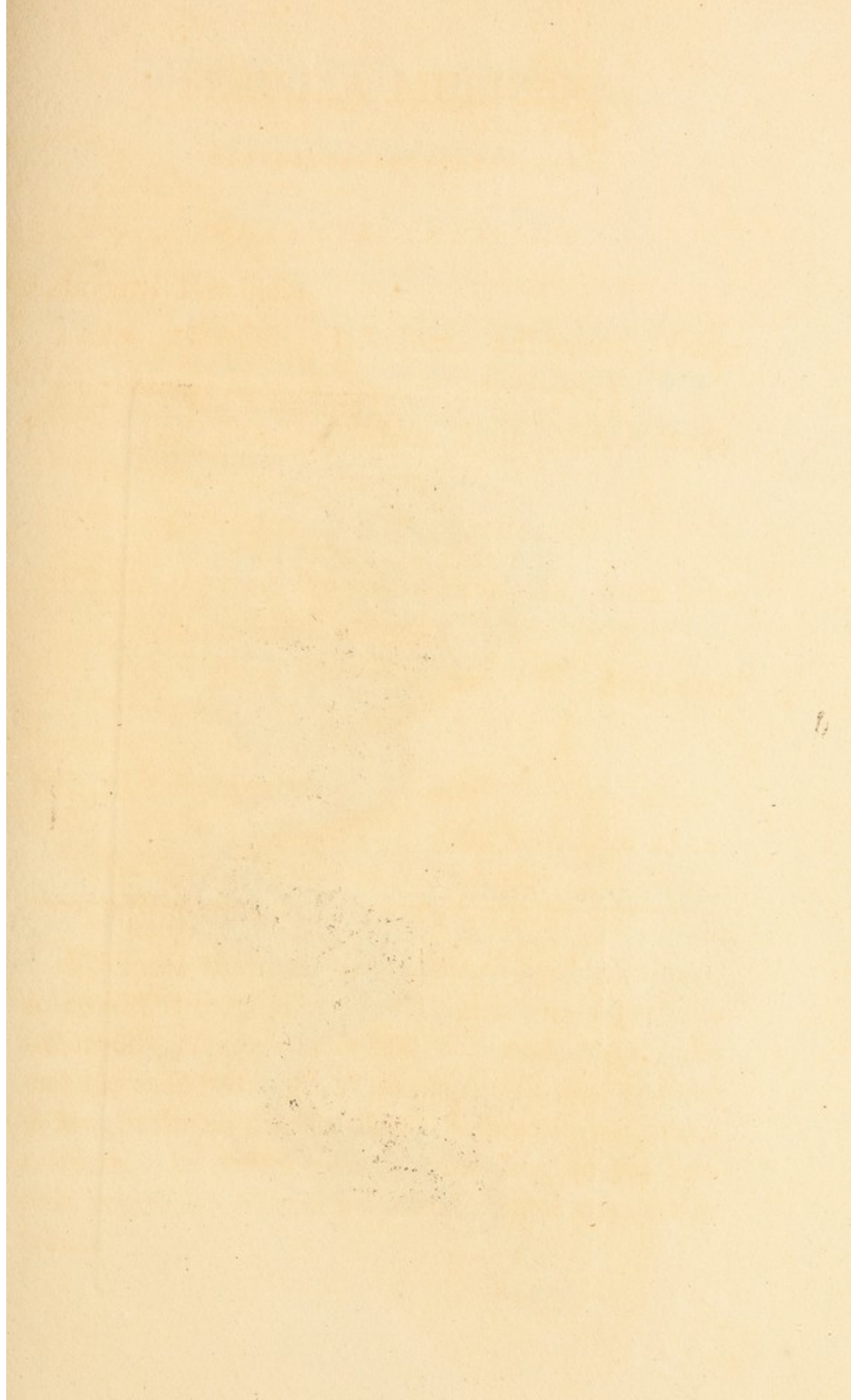
*Lin. Gmel.* p. 3743.

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A *Serpula anguina*, quam nuperrime depinximus, in eo differt *Serpula muricata*, quod tota superficies tuberculis brevibus acuminatis sit exasperata. Ad cætera, eadem fere est generalis similitudo, quæque in longitudinem ducitur fissura, e foraminibus ovatis conflata. In iisdem generatur maribus quibus *Serpula anguina*. Veram magnitudinem cernere est in tabula.









MURICATED SERRATA

575



R. Hodder Del.

# MURICATED SERPULA.



## GENERIC CHARACTER.

*Animal* resembling a Terebella.

*Shell* univalve, tubular, adhering commonly to other substances, (in many species intercepted internally by dissepiments at uncertain distances.)

## SPECIFIC CHARACTER, &c.

SERPULA with angular-muricated shell, with subarticulated longitudinal fissure.

Rough Snake-Serpula.

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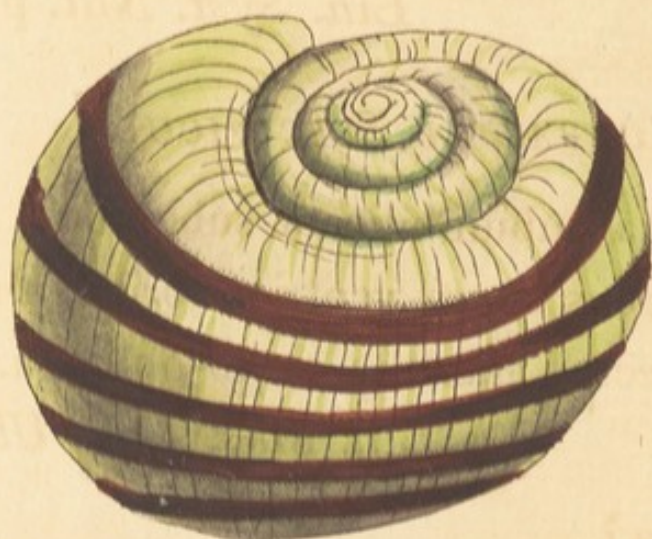
This shell, in its general shape, as well as in the longitudinal figure, composed of oval perforations, agrees with the *Serpula anguina*, represented in the preceding number of the present work; but differs in being strongly roughened or muricated with short, pointed protuberances. It is a native of the same seas with the *Serpula anguina*, and is represented in its natural size.











# HELIX AMPULLACEA?



## CHARACTER GENERICUS.

*Animal* Limax.

*Testa* univalvis, spiralis, subdiaphana, fragilis.

*Apertura* coarctata, intus lunata s. subrotunda:  
segmento circulo dempto.

*Lin. Syst. Nat.* p. 1241.

## CHARACTER SPECIFICUS.

HELIX testa subumbilicata subglobosa glabra,  
anfractibus supra ventricosioribus umbilico  
subobtecto, apertura ovato-oblonga.

*Lin. Mus. Lud. Ulr.* 666.

Nerita effusa?

*Mull. Hist. Verm.* 2. No. 361.

*Seb. mus.* 3. t. 4. f. 3. 4. 5.

---

In India præcipue conspicitur Helix ampullacea,  
loca, ut plurimum, paludosa amans. Magnitudine  
vera in tabula exprimitur:





THE  
DILATED SNAIL.



GENERIC CHARACTER.

*Animal* resembling a Slug.

*Shell* spiral, sub-pellucid.

*Aperture* semilunar.

SPECIFIC CHARACTER.

SUBGLOBOSE smooth subumbilicated Snail,  
with the spires enlarging at the upper part,  
and with ovate-oblong aperture.

---

The *Helix ampullacea* is a native of India, and is said principally to be found in marshy situations: it is represented in its natural size on the annexed plate.



DIAPYCNUS

.....

GENERIC CHARACTER.

Animal resembling a slug.  
Shell spiral, sub-pellucid.

Aperture subobovate, slightly notched at the apex.

.....

GENERIC CHARACTER.

STYLOBOUS - smooth subunilobed snail.

with the spines enlarging at the upper part.

and with ovate-oblong aperture.

.....

The *Stylodonta* is a genus of snails, and is

characterized by its being in nearly all instances

a reniform in its outline, and the aperture

is subobovate, and the spines are

enlarging at the upper part.

.....

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.....

# PARADISEA PARKINSONIANA.



## CHARACTER GENERICUS.

*Rostrum* capistri plumis tomentosis tectum.

*Pennæ* (plerisque) hypochondriorum longiores.

*Rectrices* duæ superiores singulares denudatæ.

## CHARACTER SPECIFICUS, &c.

PARADISEA fusca, rectricibus decompositis,  
pennis duabus lunato-dilatatis.

Menura superba.

*Lin. Trans.* vol. 6. p. 207. pl. 22.

Le Parkinson.

*Viellot & Dezray. Oiseaux Dorées.*

---

Paradiseam Parkinsonianam novæ Hollandiæ incolam insignit peculiaris quidam habitus et aspectus; nullus autem colorum splendor. Sordide infuscatur, interspersa hinc inde levior albedinis mistura. Crura pedesque maxima et validissima. Insolitum et rarissimum est, a pennarum caudæ longissimarum latere latiori abscissa videri quasi multa fragmenta; quod si penitus inspiciatur, monstrabitur oriri a fibris hac in parte tenuissimis, et adeo delicatulis, ut falsam vacui spatii imaginem præ se ferant. Cedit paululum magnitudine hæc species phasiano communi,

K



muni, longa ab apice rostri ad extremitates pennarum, quas supra memoravimus, quatuor fere pedes.

De hac avi notandum est quod primo mane canere incipit, (vocem enim emittere dicitur suaviter canoram,) ascensoque gradatim rupestri quodam et eminenti loco, phasianorum nonnullorum more terram scalpit, caudam simul erigens, et certis intervallis aves omnes quas circum undique cantantes audiverit, imitatur; hoc modo se exercens per spatium quasi horarum duarum; quando in valles agrosque iterum descendit.

Elegantissimam hujus avis iconem nuperrime publicavit Dominus Viellot, in splendido suo opere de *Paradiseis*, &c. Avem nominavit ille *Paradiseam Parkinson*. A filio nempe Domini Parkinsoni, quem penes est Museum Leverianum, figuram archetypam manu ingeniosi Domini Sydenhami Edwardi effictam receperat. Juxta illam effigiem fideliter delineata est hæc nostra similitudo.







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THE  
PARKINSONIAN PARADISE-BIRD.



GENERIC CHARACTER.

*Bill* covered at the base by downy feathers.

*Hypochondrial Feathers* (in most species elongated.

*Middle tail feathers* nearly naked or unwebbed.

SPECIFIC CHARACTER, &c.

Brown PARADISE-BIRD, with loose-webbed tail-feathers, the two exterior ones broad and lunated.

Superb Menura.

*Lath. syn. append. 2. p. 271.*

Le Parkinson.

*Desray and Viellot. Oiseaux Doreés.*

---

This highly singular bird is a native of Australasia or New Holland, and is more remarkable for the peculiarity of its aspect than for any beauty of colour, the general cast being a dusky brown, with



a few paler variegations. The legs and feet in this species are uncommonly large and strong, and the two principal or longest tail-feathers exhibit a very unusual appearance, seeming as if notched into several segments or divisions on the wider part of the web; which appearance, when accurately surveyed, is found to be merely owing to the extreme delicacy of the fibres, which is so great as to cause a deceptive transparency in that part of the feather. The size of this species is nearly equal to that of a common pheasant, and the length, from the tip of the beak to the ends of the long tail-feathers above-mentioned is nearly four feet.

The manners of this bird are singular. At the early part of the morning it begins singing, having (as is reported,) a very fine natural note; and, gradually ascending some rocky eminence, scratches up the ground in the manner of some of the Pheasant tribe, elevating its tail, and at intervals imitating the notes of every other bird within hearing; and after having continued this exercise for about two hours, again descends into the vallies or lower grounds.

A very beautiful figure of this bird has been lately published by Mons. Viellot, in his splendid work on the *Paradisæ*, &c. under the name of *Le Parkinson*, in honour of John Parkinson, esq. of the Leverian Museum, through whose means Mons. Viellot received a most elegant drawing of the bird, by the  
accurate



accurate hand of that ingenious artist Mr. Sydenham Edwards. From the above figure the present representation is faithfully copied.





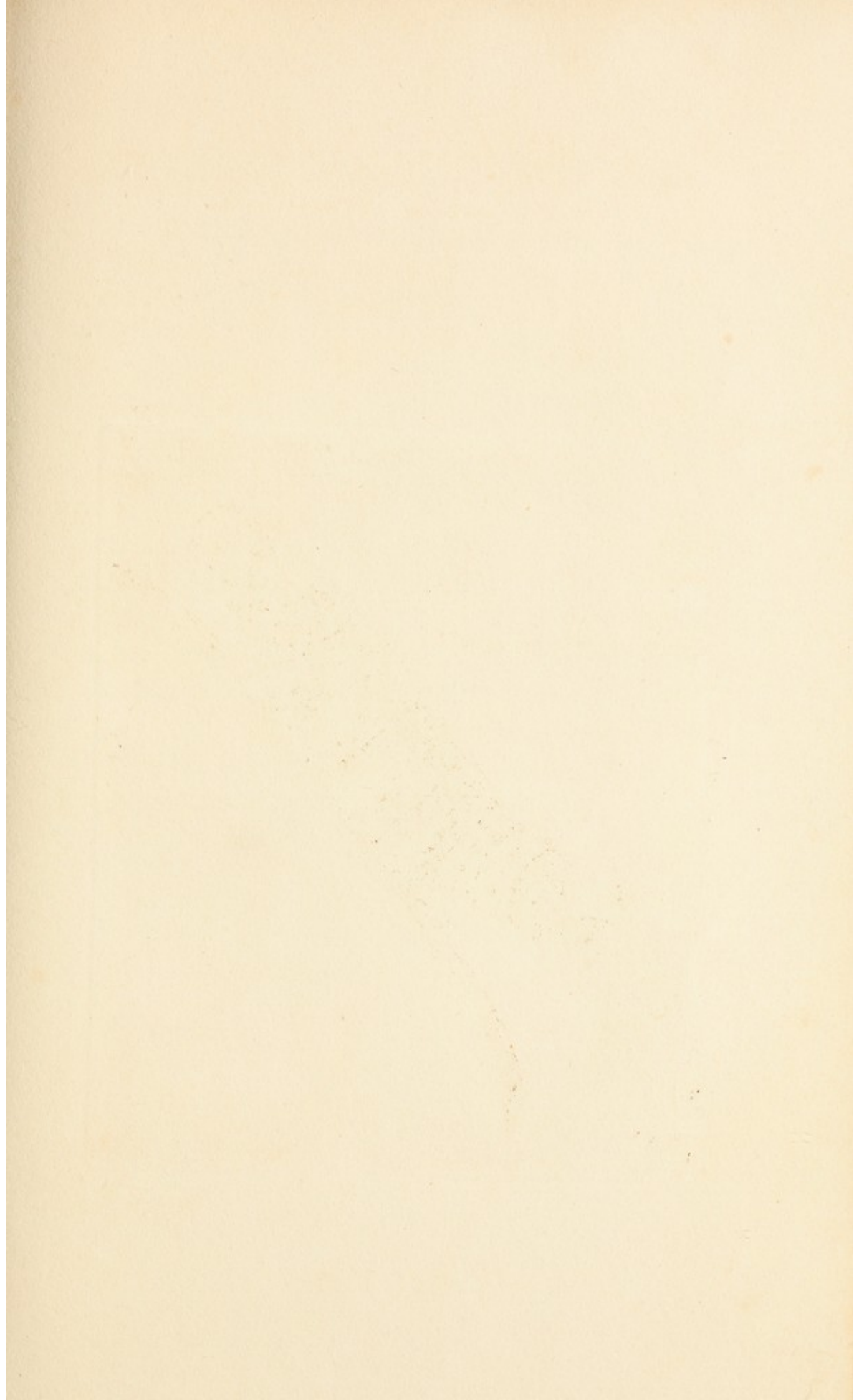
## LARVA AUSTRALASIÆ.



Si quid ab externa facie colligendum sit, e Sphingum familia esse dicamus larvam quam depinximus, notabilem admodum cauda seu extremo corporis articulo, capiti feroci simillimo, cui os latum, oculi nigri, magni, et minaces, benigne forsan a natura dato ad absterrendos hostes. Cum hujusce nec non aliorum plurimorum animalium Australiacorum manca adhuc nec satis explorata sit historia, nihil pro certo affirmare ausim nisi quod habitu seu forma generali larvæ *Sphingis populi* affinis esse videatur larva Australasiæ. Ostendit tabula naturalem magnitudinem.









# AUSTRIALASIAN CATERPILLAR

\*\*\*\*\*

The caterpillar here represented, which, so far as  
can be judged from its general appearance, is the  
larva of some species of Sphinx, is remarkable for  
the singular appearance of the tail or terminal joint  
of the body which is so broad as to bear a striking  
resemblance to a formidable head, with wide mouth,  
and black prominent eyes. This peculiarity is per-  
haps a kind of Nature for the security of the  
larva against its enemies, which may thus  
be deceived into thinking it during its larval state  
is a formidable enemy, like that of many  
other Australian insects, as yet unknown, and  
it is only by the general habit it is  
allied to the larva of the Poplar. It is re-  
presented on the plant

578



W. P.

AN  
AUSTRALASIAN CATERPILLAR.



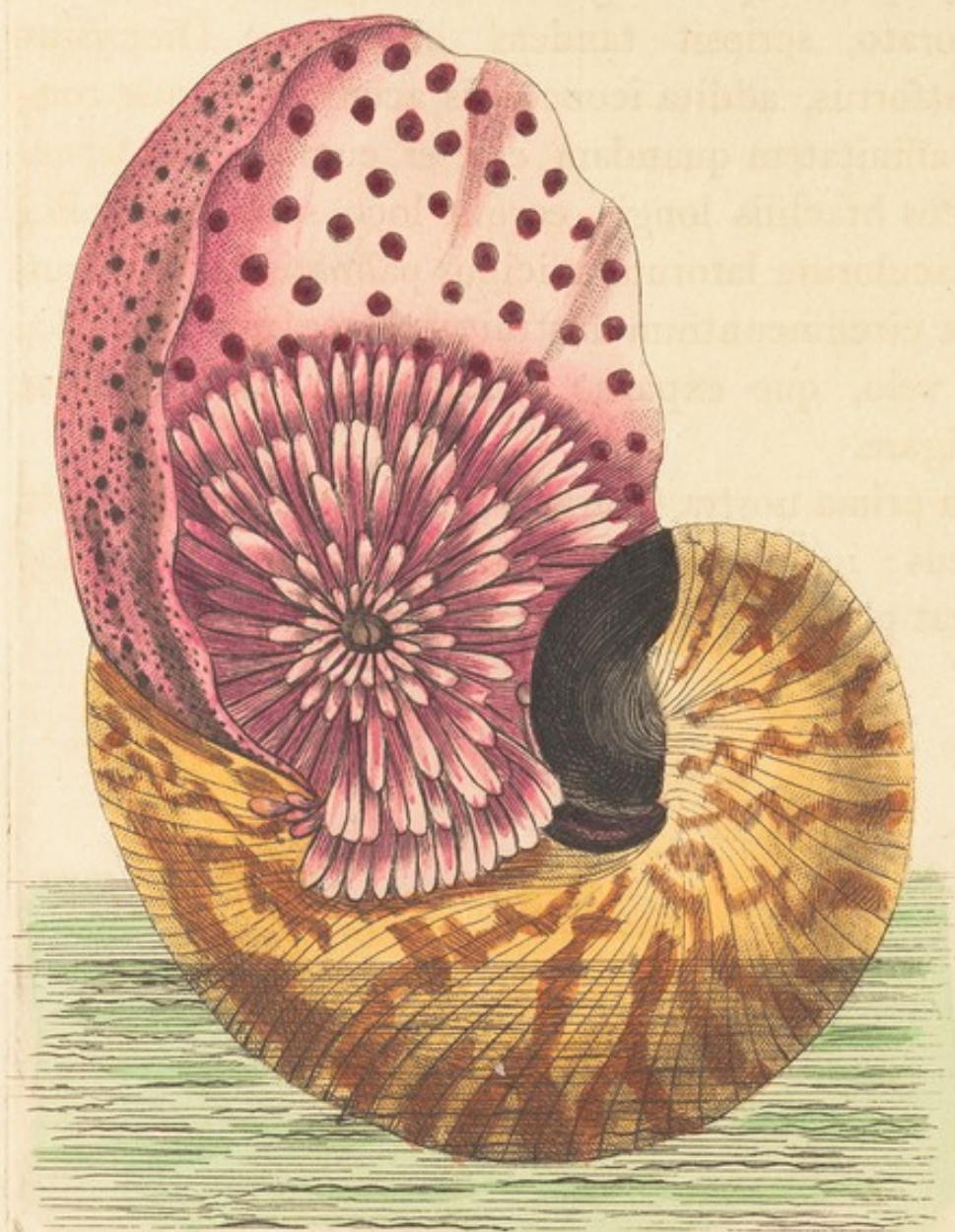
The caterpillar here represented, which, so far as can be judged from its general appearance, is the larva of some species of Sphinx, is remarkable for the singular appearance of the tail or terminal joint of the body, which is so formed as to bear a striking resemblance to a formidable head, with wide mouth, and black prominent eyes. This particularity is perhaps a provision of Nature for the security of the insect against some of its enemies, which may thus be deterred from attacking it during its larva state. Its particular history, however, like that of many other Australasian animals, is as yet unknown, and it can only be added, that in its general habit it is allied to the larva of the Sphinx Populi. It is represented on the plate in its natural size,













## ANIMAL INCOLA NAUTILI POMPILII.

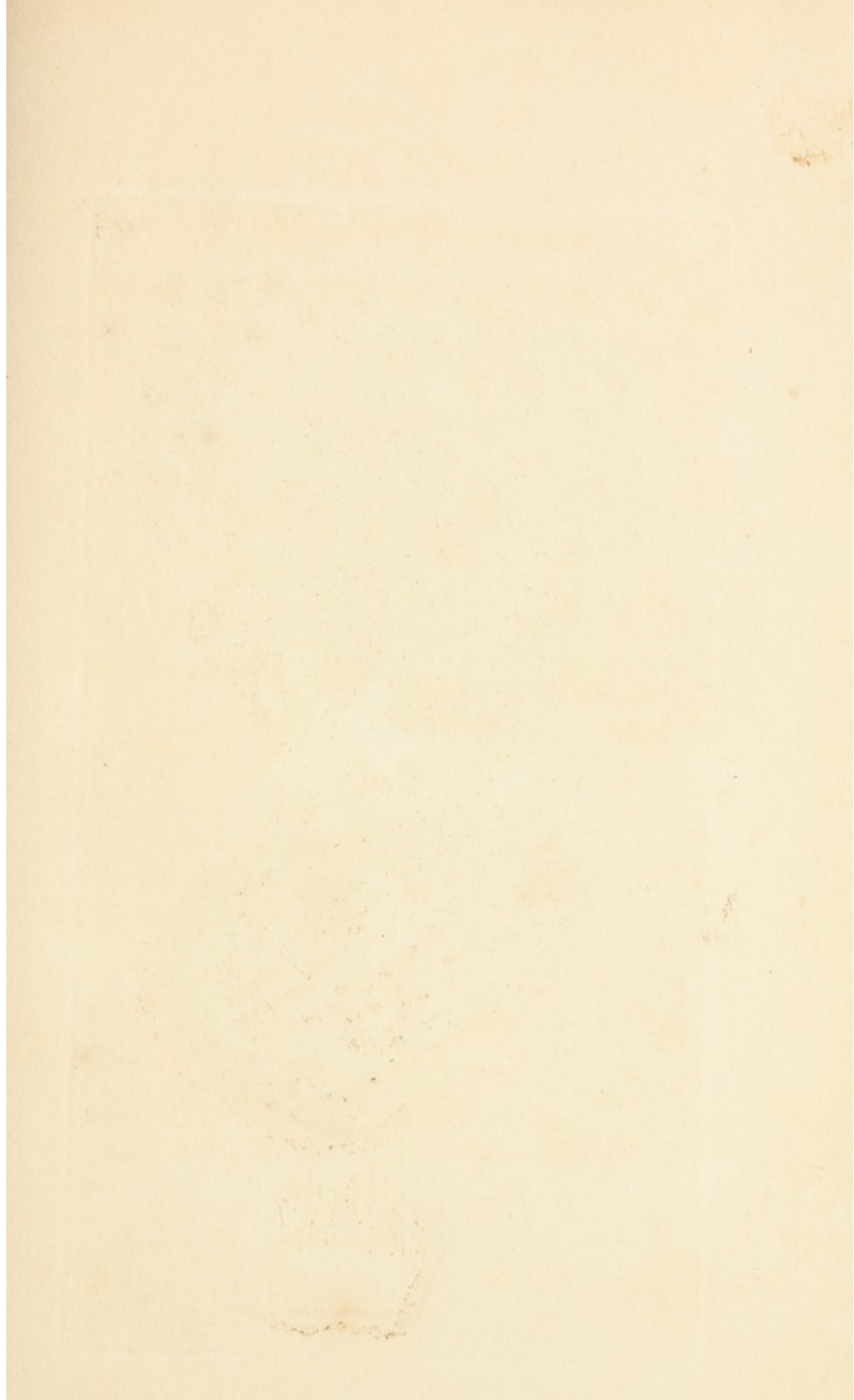


De animali Nautilum Pompilium incolente, ad hoc usque tempus magna ex parte parum cognito et explorato, scripsit tandem ingeniosus Dionysius Montfortus, addita icone satis accurata: unde constat affinitatem quandam esse ei cum genere *Sepie*. Carens brachiis longis, eorum loco serie multiplici tentaculorum latorum apicibus palmatis os radiorum more circumeuntium instruitur; nec non cucullo, seu velo, quo expanso creditur ad libitum posse navigare.

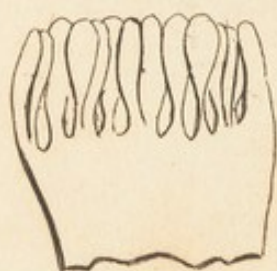
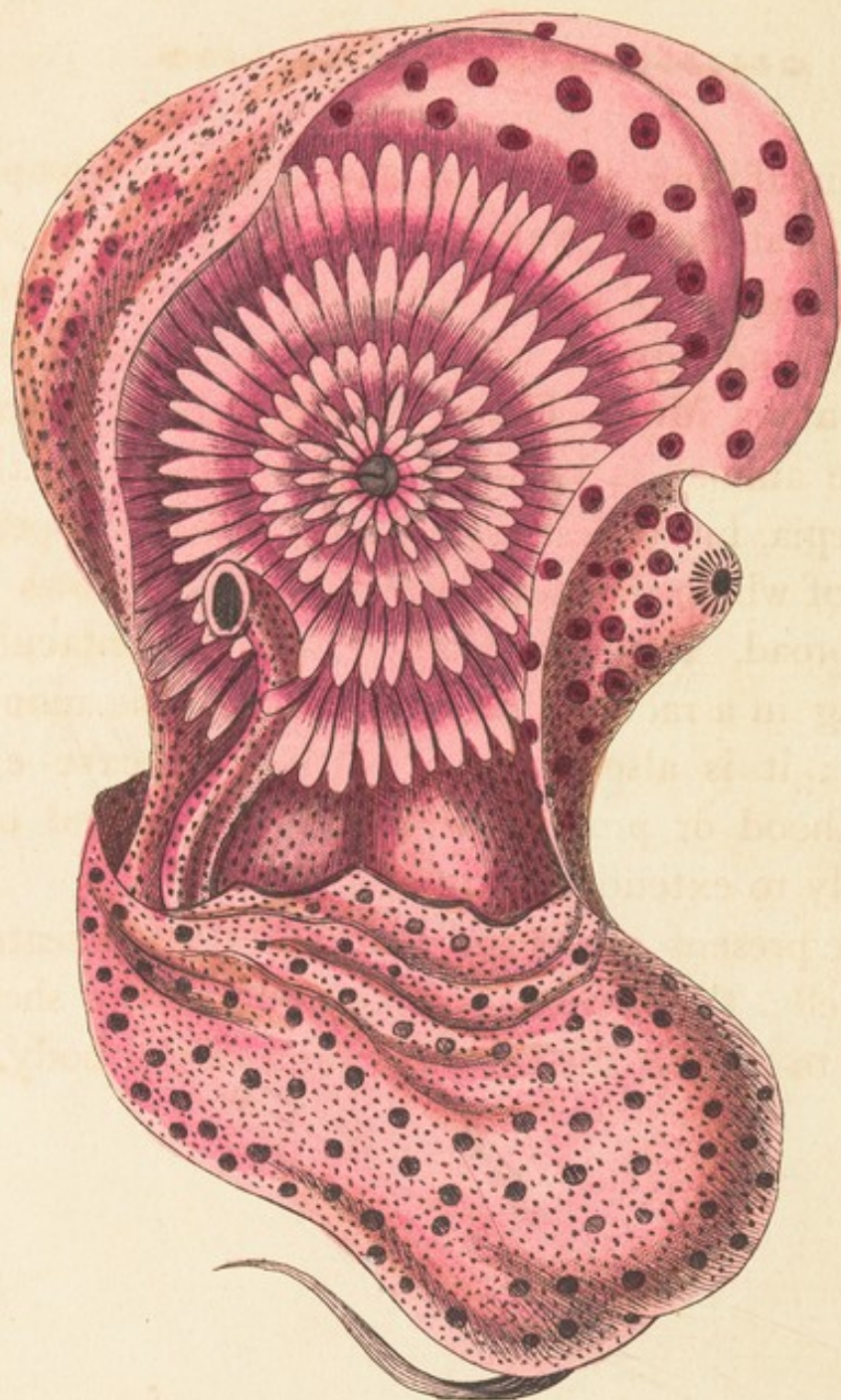
In prima nostra figura ostenditur animal in testa sedens; in secunda, e testa exemptum, ut probe pateat plena et perfecta corporis conformatio.













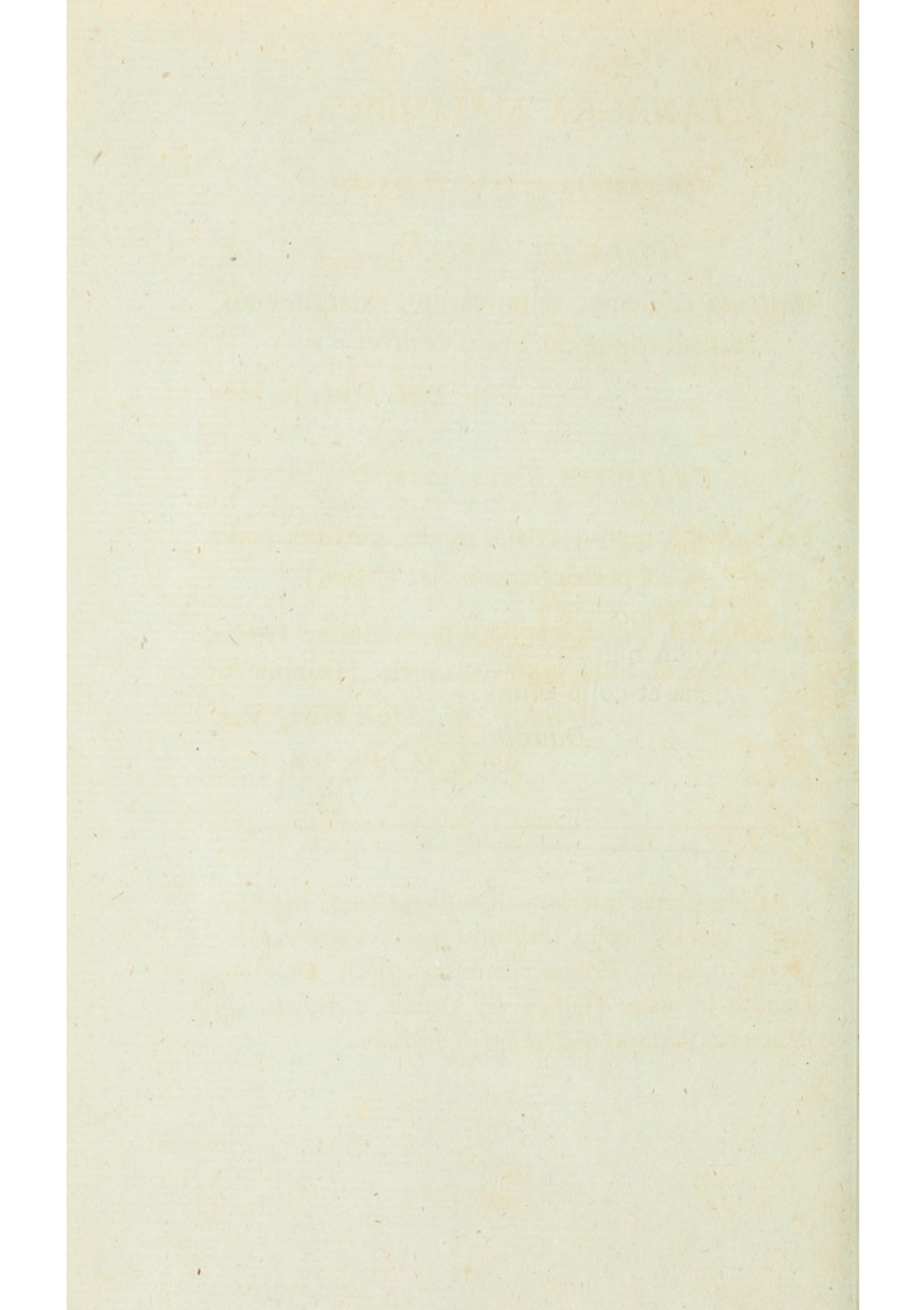
ANIMAL  
OF THE  
NAUTILUS POMPILIUS.



The inhabiting animal of the Nautilus Pompilius or Great Pearly Nautilus, hitherto but very obscurely known to naturalists, has at length been described and figured with sufficient accuracy by the ingenious Mons. Denys Montfort. It appears that the animal is in some degree allied to the genus Sepia, but is destitute of long arms or claspers, instead of which it is furnished with several rows of short, broad, subdivided or palmated tentacula, spreading in a radiated direction round the mouth or beak: it is also provided with a concave expansile hood or process, which it is supposed occasionally to extend by way of a sail.

Of the present plates the first represents it seated in its shell; the second as taken out of the shell, in order to exhibit the complete form of the body.





# TANAGRA MALIMBICA.



## CHARACTER GENERICUS.

*Rostrum* conicum, acuminatum, emarginatum,  
basi subtrigonum, apice declive.

*Lin. Syst. Nat.* p. 313.

## CHARACTER SPECIFICUS, &c.

TANAGRA nigra; crista, genis, gutture, collo  
antice, et pectore coccineis. (Mari.)

TANAGRA nigra; capite non cristato, vertice,  
nucha et collo supra coccineis. (Feminæ.)

*Daudin Ann. Mus. Hist. Nat.*

No. 2. p. 148. t. x.

---

Africæ partes inferiores incolit rarissima hæc Tanagræ species, cujus magnitudinem veram cernere est in tabula. Primus illam descripsit Dominus Daudin in opere Gallico cui titulus “*Annales du Museum National d'Histoire Naturelle.*”

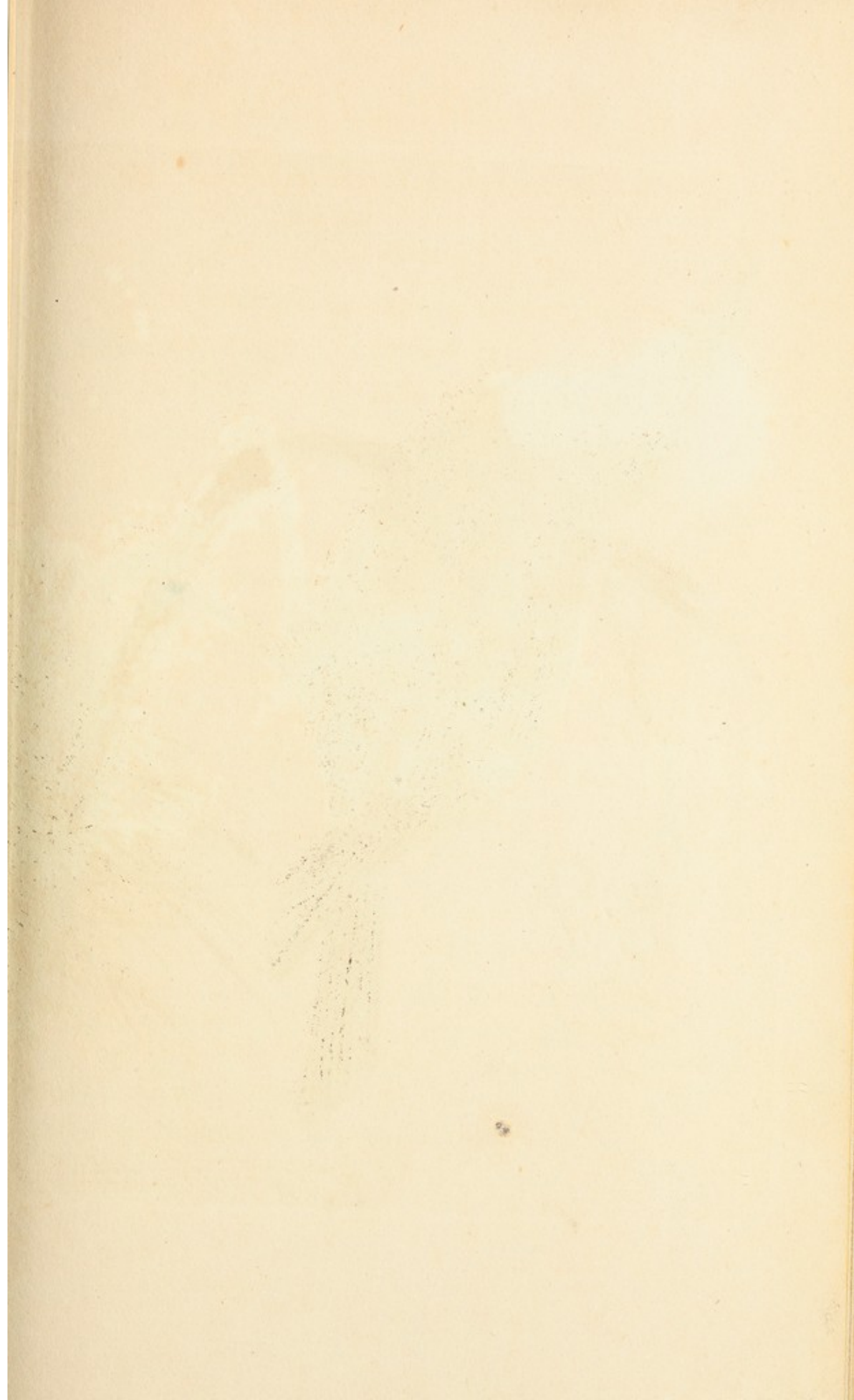


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THE  
MALIMBIC TANAGER.



GENERIC CHARACTER.

*Bill* conic, acuminated, a little inclining towards the point : the upper mandible slightly ridged, and notched near the end.

SPECIFIC CHARACTER, ♂c.

Black TANAGER, with the crest, cheeks, throat, fore-part of the neck, and breast scarlet. *Male*.

Black TANAGER without crest, with the crown, and back part of the neck scarlet. *Female*.

Le TANGARA de MALIMBE.

*Daud. Mus. Hist. Nat. 2. p. 148.*

---

The very rare species here exhibited is an inhabitant of the lower parts of Africa, and is represented on the plate in its natural size. It was first described by Mons. Daudin in the French publication entitled *Annales du Museum National d'Histoire Naturelle*.





## PHALÆNA BOREAS.



### CHARACTER GENERICUS.

*Antennæ* setaceæ, a basi ad apicem sensim attenuatæ.

*Alæ* (sedentis) sæpius deflexæ. (Volatu nocturno.)

*Lin. Syst. Nat.* p. 808.

### CHARACTER SPECIFICUS, &c.

PHALÆNA alis caudatis cinereis fusco variis, primoribus punctis duobus, posterioribus unico fenestratis.

*Lin. Syst. Nat. Gmel.* p. 2404.

## PHALÆNA BOREAS.

*Cram. t. 70. f. B.*

## PHALÆNA BOREAS.

*Fabr. spec. ins. 2. p. 170.*

---

In America Australi reperta sedem sibi jure vindicat hæc Phalæna inter rarissimas sui generis. Magnitudinem naturalem ostendit tabula.



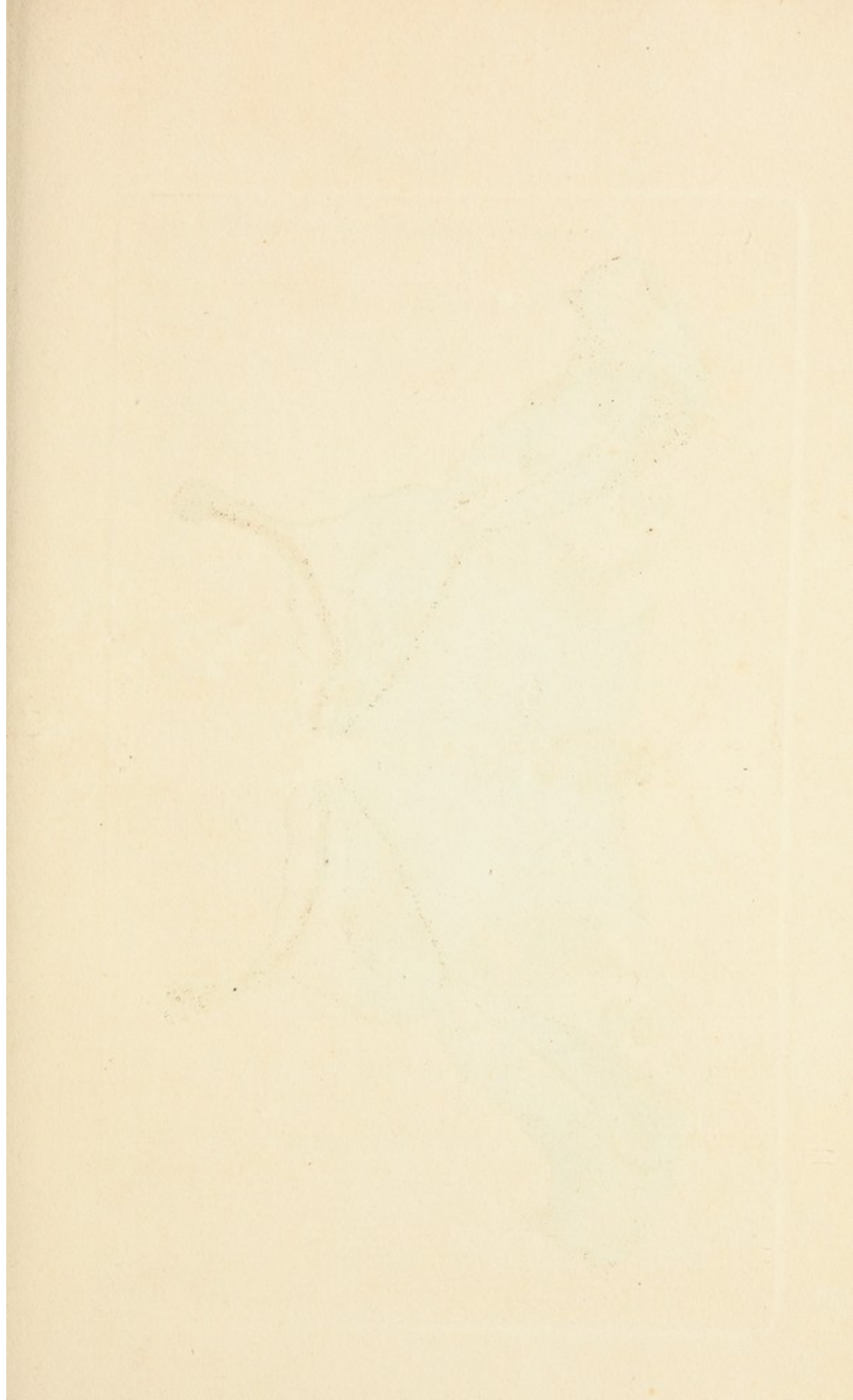
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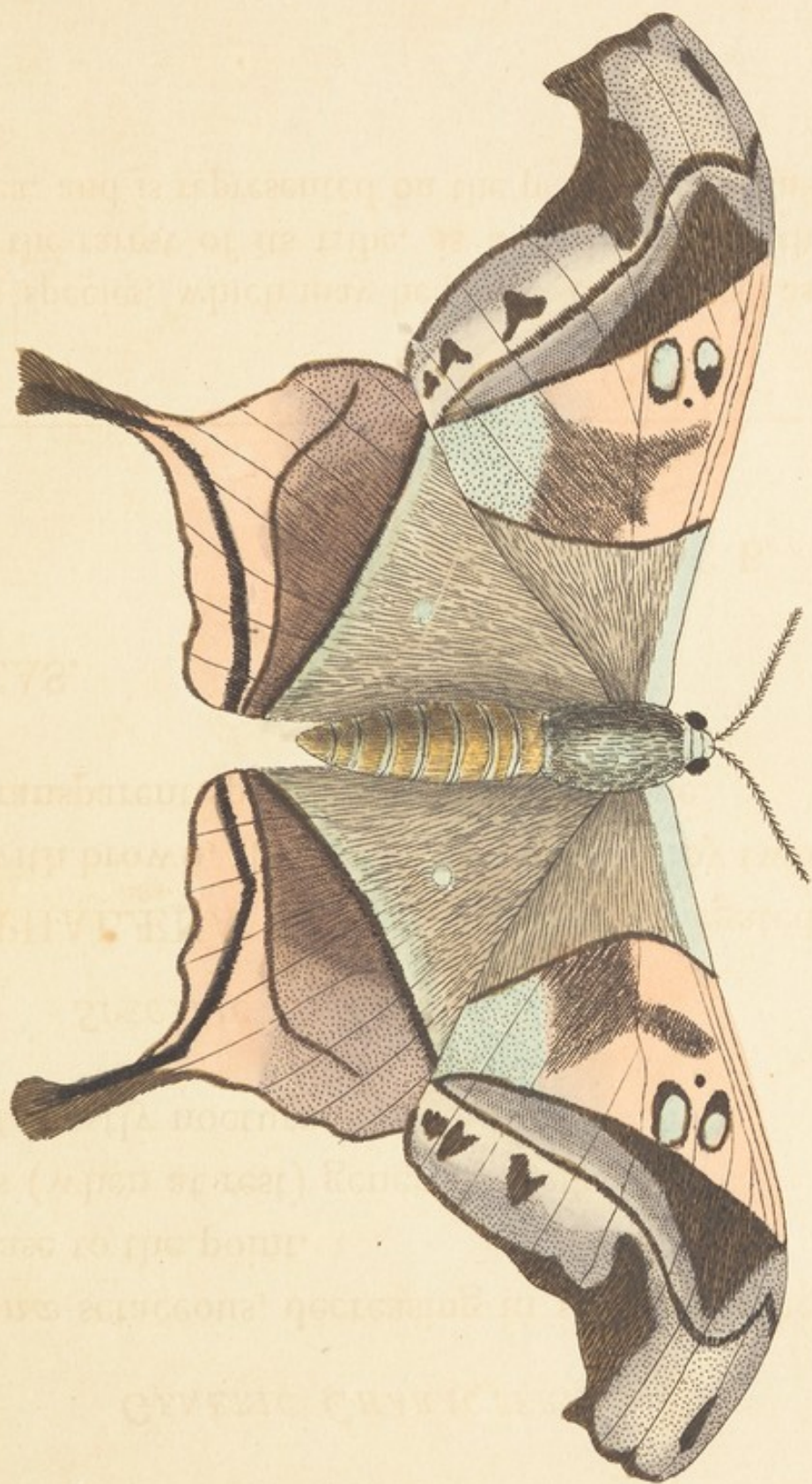
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## BOREAS.



### GENERIC CHARACTER.

*Antennæ* setaceous, decreasing in size from the base to the point.

*Wings* (when at rest) generally deflected.

*Flight* mostly nocturnal.

### SPECIFIC CHARACTER, &c.

Grey PHALÆNA, with tailed wings variegated with brown, the upper pair marked by two transparent spots, the lower with one.

## BOREAS.

*Lin. Gmel.*

*Cram. ins.* pl. 70. f. B.

---

This species, which may be justly considered as one of the rarest of its tribe, is a native of South America, and is represented on the plate in its natural size.





# CYPRÆA ZEBRA.



## CHARACTER GENERICUS.

*Animal* Limax.

*Testa* univalvis, involuta, subovata, obtusa, lævis.

*Apertum* utrinque effusa, linearis, utrinque dentata, longitudinalis.

*Lin. Syst. Nat. Gmel.* p. 3397.

## CHARACTER SPECIFICUS, &c.

CYPRÆA turbinata cinerea, fasciis latis violaceo-fuscis.

CYPRÆA ZEBRA. C. testa turbinata cinerea, fasciis fuscis.

*Lin. Syst. Nat.* p. 1174.

CYPRÆA testa turbinata cinerea, fasciis latis griseis, aperturæ denticulis fuscis.

*Born Test. Mus. Cæs. Vind.* p. 176.

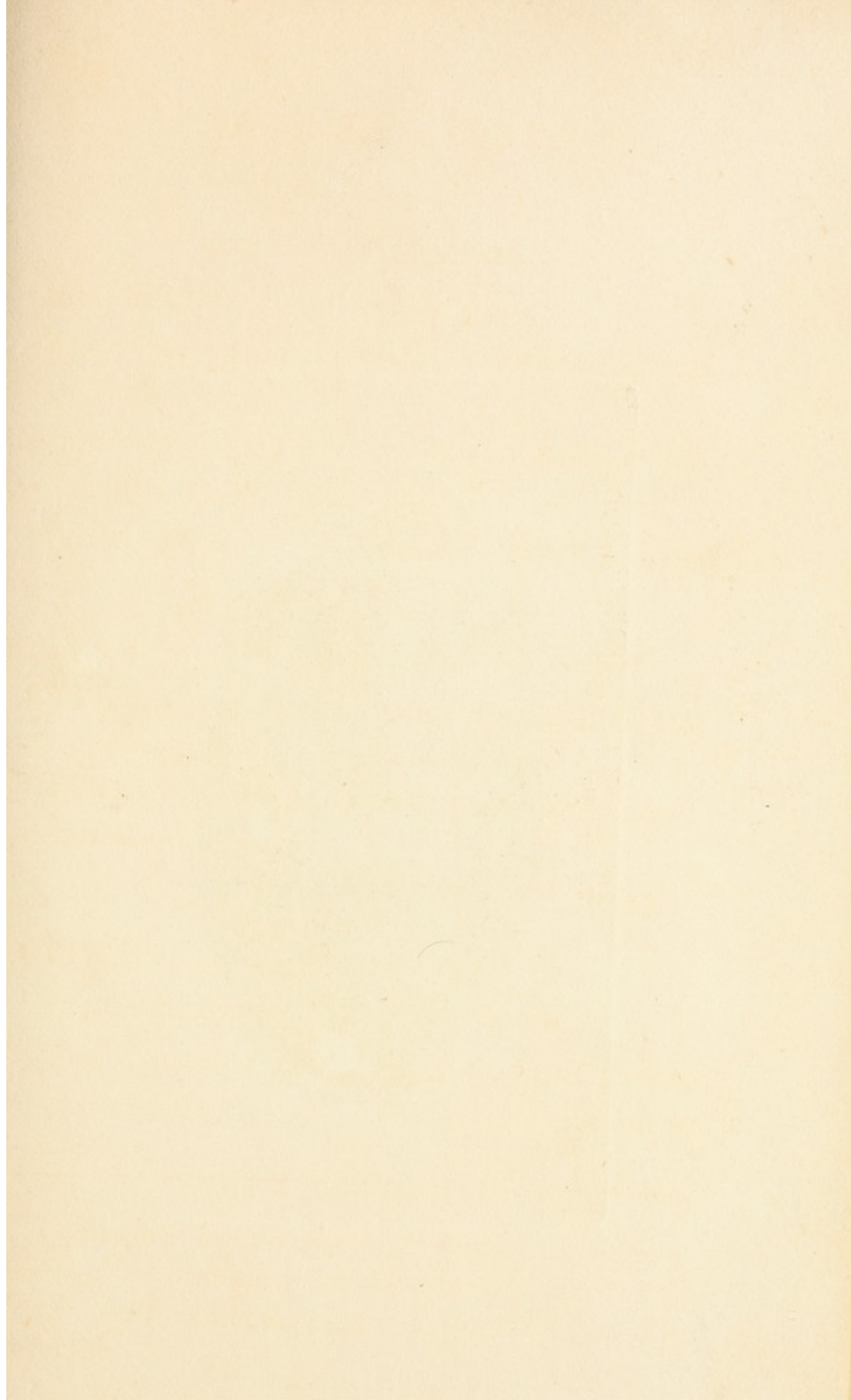
t. 8. f. 3.

---

In maribus Indicis præcipue conspicitur elegantissima hæc cochlea, coloribus interdum varians: in opere Bornii exhibetur pulchrum specimen in tabula depictum.











THE  
ZEBRA COWRY.



GENERIC CHARACTER.

*Animal* resembling a Limax.

*Shell* univalve, involute, obtuse, ovate.

*Aperture* linear, longitudinal, toothed on both sides.

SPECIFIC CHARACTER, &c.

Cinereous turbinated Cypræa, with broad violaceo-fuscous bands.

The larger ZEBRA COWRY.

---

This highly elegant shell is principally found in the Indian seas: the beautiful specimen here represented is figured in Baron Born's work, entitled *Testacea Musei Cæsarei Vindobonensis*.



Възвѣстѣ

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СВЯТЫЙ СЛОВО

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# CENTRISCUS SCOLOPAX.



## CHARACTER GENERICUS.

*Caput* productum in rostrum angustissimum :

Os edentulum, maxilla inferiore longiore.

*Branchiarum* apertura repanda.

*Corpus* compressum, abdomine carinato.

*Pinnæ ventrales* unitæ.

*Lin. Syst. Nat. Gmel. p. 1460.*

## CHARACTER SPECIFICUS, &c.

CENTRISCUS rubescens, corpore squamoso  
scabro, cauda recta extensa.

CENTRISCUS SCOLOPAX. C. corpore squa-  
moso scabro, cauda recta extensa.

*Lin. Syst. Nat. p. 415.*

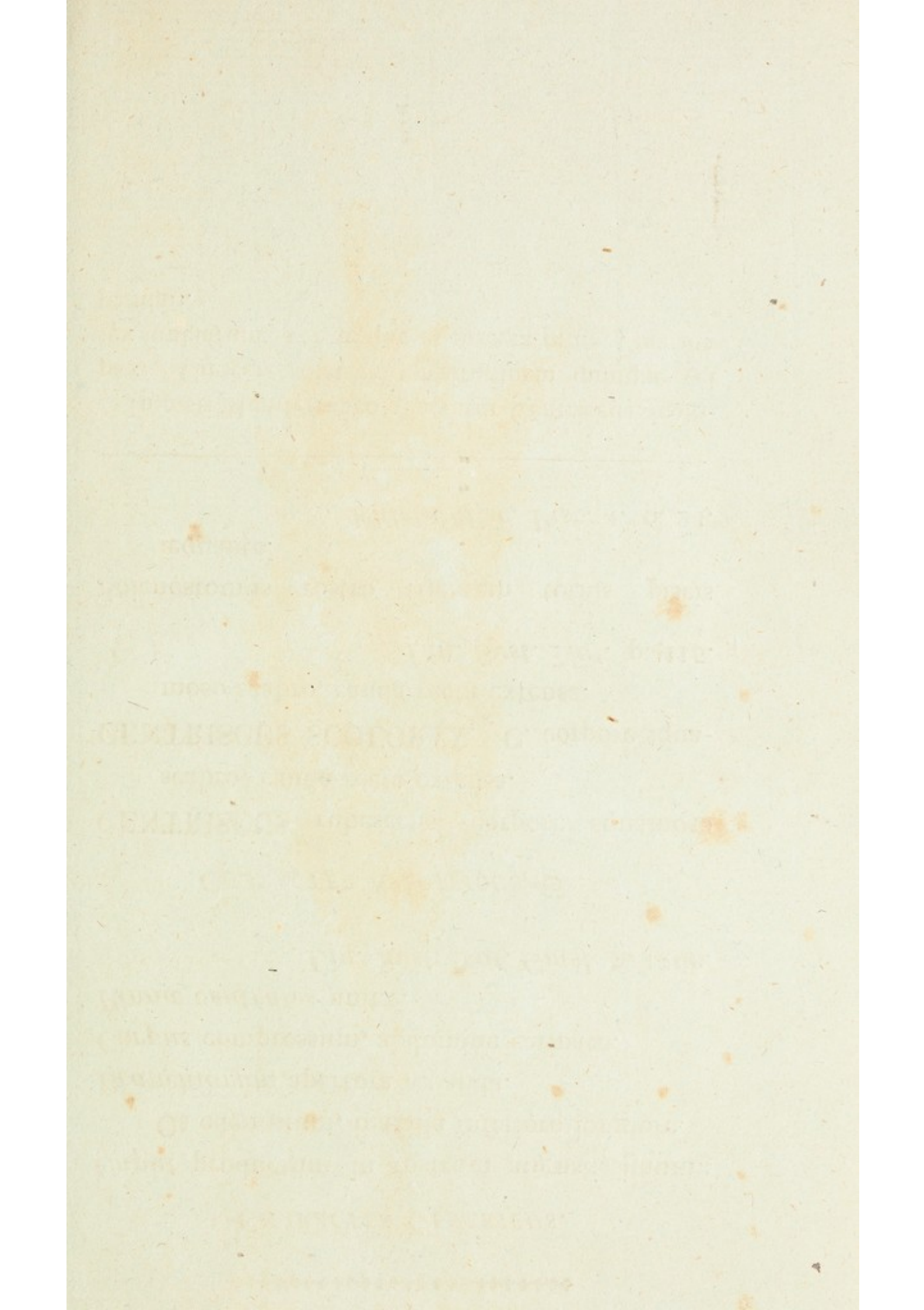
Solenostomus rostro trientem totius piscis  
æquante.

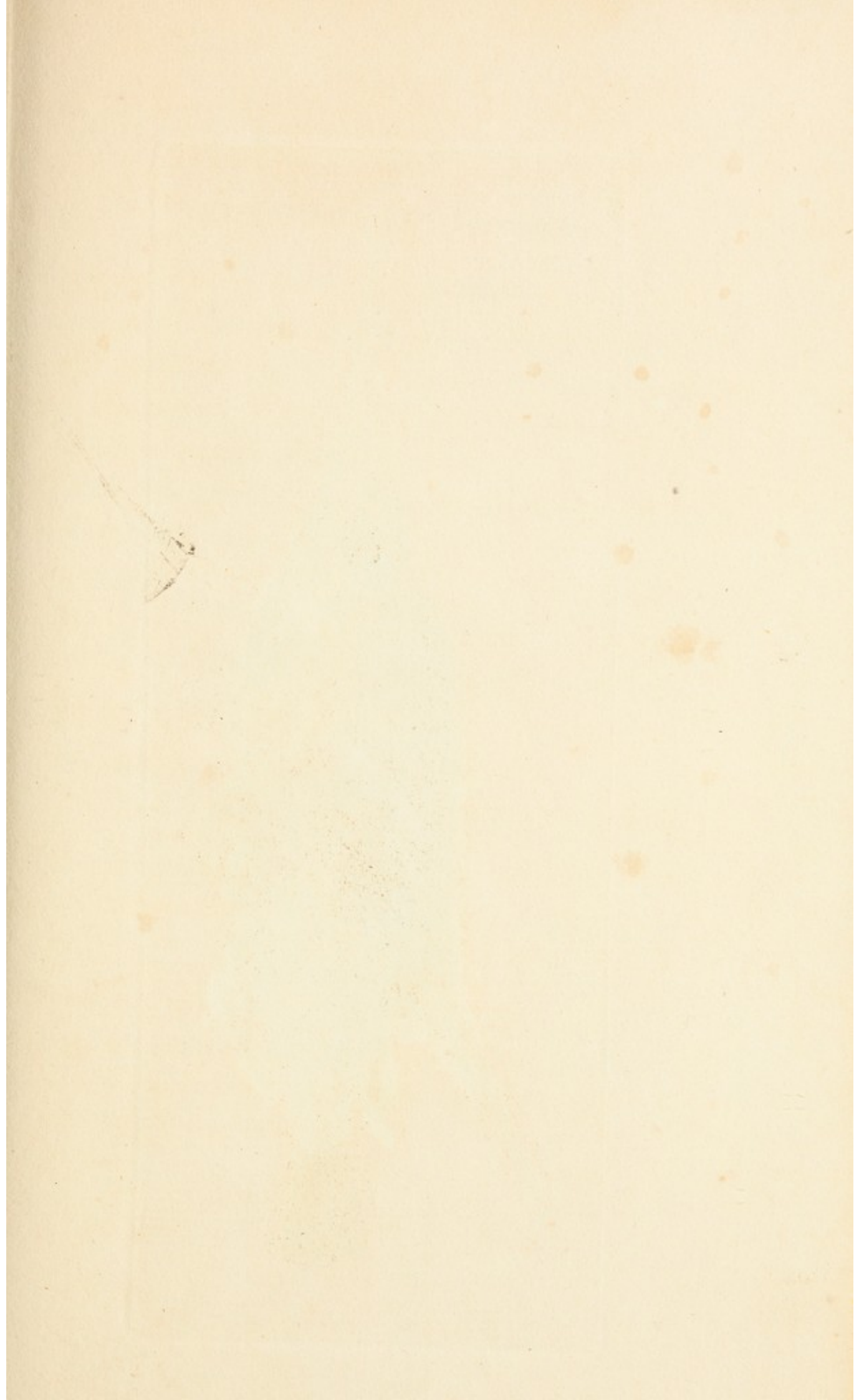
*Khlein Misc. Pisc. 4. p. 24.*

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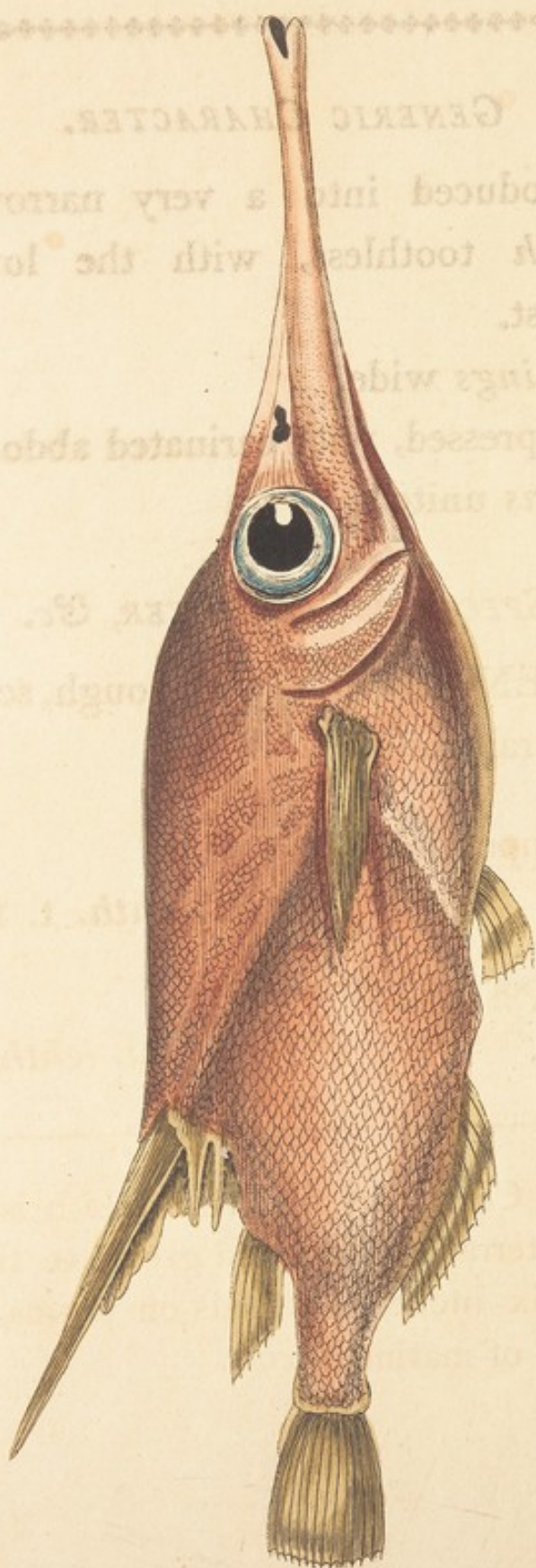
In mari Mediterraneo generatur Centriscus Scolo-  
pax. Crescere solet in longitudinem quinque vel  
sex unciarum, vermesque et insecta minora marina  
prædari.



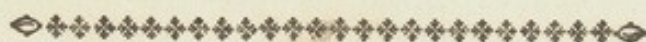








THE  
SCALY CENTRISCUS.



GENERIC CHARACTER.

*Head* produced into a very narrow snout.

*Mouth* toothless, with the lower jaw longest.

*Gill-Openings* wide.

*Body* compressed, with carinated abdomen.

*Ventral fins* united.

SPECIFIC CHARACTER, &c.

Reddish CENTRISCUS, with rough, scaly body, and strait tail.

Der Schneppenfisch.

*Bloch. ichth. t. 123. f. 1.*

The Trumpet or Bellows-Fish.

*Will. ichth. p. 160.*

---

The scaly Centriscus or Bellows-Fish is a native of the Mediterranean sea, and grows to the length of five or six inches: it feeds on worms, and the smaller kind of marine insects.





# TURDUS LUNULATUS.



## CHARACTER GENERICUS.

*Rostrum* tereti-cultratum : mandibula superiore  
apice deflexo, emarginato.

*Nares* nudæ, superne membranula semitectæ.

*Faux* ciliata.

*Lingua* lacero-emarginata.

*Lin. Syst. Nat.* p. 291.

## CHARACTER SPECIFICUS, &c.

TURDUS totus niger, pennis margine flavis, genis  
gulaque holosericeis.

*Lin. Syst. Nat. Gmel.* p. 821.

*Merula Madagascariensis* aurea.

*Briss. av. 2.* p. 247.

TURDUS Sauvaja.

*Lath. ind. orn.* p. 356.

---

Inter aves quas plurimas alit insula Cerne haud facile elegantiores reperies Turdo lunulato, cui pennæ fere omnes nigerrimæ margine luteo seu velut aureo decoratæ : magnitudinem veram ostendit tabula.













THE  
LUNULATED THRUSH.



GENERIC CHARACTER.

*Bill* strait, obtusely carinated at top, bending a little at the point, and slightly notched near the end of the upper mandible.

*Nostrils* oval, naked.

*Tongue* slightly jagged at the end.

SPECIFIC CHARACTER, &c.

Black THRUSH with the feathers edged with yellow; the cheeks and throat velvet black.

Black-Cheeked THRUSH.

*Lath. syn.* 1. p. 75.

Merle doré de Madagascar.

*Buff. ois.* 3. p. 398. *Pl. Enl.* 359. f. 2.

---

Among the most elegant of the Madagascar birds may be numbered the species of Thrush exhibited on the present plate: the general colour is a deep velvet black, almost all the feathers being edged with bright yellow or gold-colour. The figure represents it in its natural size.





# GYMNOTUS ROSTRATUS.



## CHARACTER GENERICUS.

*Caput* operculis lateralibus.

*Tentacula* duo ad labium superius.

*Oculi* cute communi tecti.

*Membrana branchiostega* radiis quinque.

*Corpus* compressum, subtus pinna carinatum.

*Lin. Syst. Nat.* p. 144.

## CHARACTER SPECIFICUS, &c.

GYMNOTUS rostro subulato, pinna ani cauda brevior.

*Lin. Syst. Nat.* p. 428.

GYMNOTUS varius rostro productione.

*Seb. mus.* 3. t. 32. f. 5.

GYMNOTUS maxillis elongatis, &c.

*Gronov. zooph.* 167. *mus.* 73.

---

Maria Indica et Americana incolit Gymnotus rostratus, longitudine duos fere pedes æquans: color ejus rufo-flavet, maculis parvis fuscis variatus.



One of the most important of the  
various things which have been  
done in the past few years is

the establishment of a

new system of

the various things which have been

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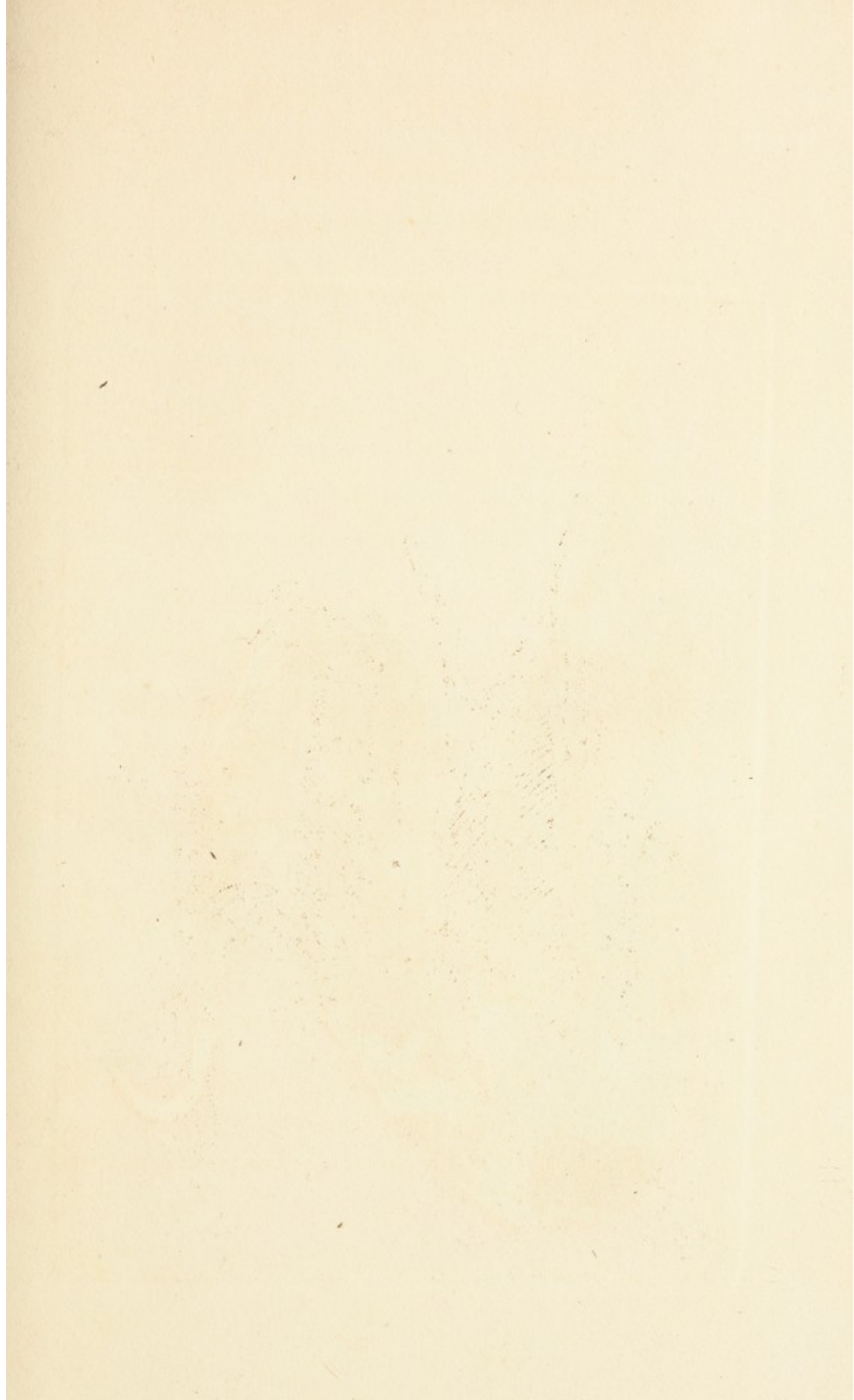
done in the past few years is

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the various things which have been

done in the past few years is







THE  
ROSTRATED GYMNOTUS.



*GENERIC CHARACTER.*

*Head* furnished with lateral opercula.

*Two Tentacula* at the upper lip.

*Eyes* covered by the common skin.

*Branchiostegous* membrane five-rayed.

*Body* compressed, and carinated by a fin beneath.

*SPECIFIC CHARACTER, &c.*

GYMNOTUS with subulate snout, and anal fin  
shorter than the caudal.

Long-snouted GYMNOTUS.

---

The *Gymnotus rostratus* is an inhabitant of the Indian and American seas, and is nearly two feet in length : its usual colour is a pale rufous yellow, variegated with small brown spots.





# PAPILIO AURELIUS.

\*\*\*\*\*

## CHARACTER GENERICUS.

*Antennæ* apicem versus crassiores, sæpius clavato-capitatae.

*Alæ* (sedentis) erectæ, sursumque conniventes, (volatu diurno.)

*Lin. Syst. Nat.* p. 744.

## CHARACTER SPECIFICUS, &c.

PAPILIO alis fuscis apice atris albo maculatis ; posterioribus ocellis duobus.

*Lin. Syst. Nat. Gmel.* p. 2243.

*Eq. Archiv.*

## PAPILIO AURELIUS.

*Fabr. sp. ins.* 2. p. 21.

## PAPILIO AURELIUS.

*Cram. t.* 168. f. A. B.

---

Indiam incolit rarissimus hic Papilio, et magnitudine vera in tabula depingitur.













# AURELIUS.



## GENERIC CHARACTER.

*Antennæ* thickening towards the upper part,  
and generally terminating in a knob.

*Wings* (when sitting) erect, and meeting upwards. (Flight diurnal.)

## SPECIFIC CHARACTER, &c.

Brown Butterfly, with the tips of the wings black, spotted with white, and the lower wings marked beneath by two eye-shaped spots.

*Eq. Achiv.*

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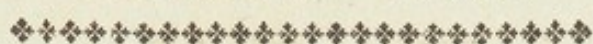
This very rare Butterfly is a native of India, and is represented on the plate in its natural size.







## CANCER UKA.



### CHARACTER GENERICUS.

*Pedes* octo (rarius sex aut decem;) insuper manus duæ chelatæ.

*Oculi* duo, distantes, plurimis pedunculati; elongati, mobiles.

*Cauda* articulata, inermis.

### CHARACTER SPECIFICUS, &c.

CANCER subquadratus luteus chela dextra maxima.

CANCER UKA una.      *Seb. mus.* 3. t. 18. f. 8.

CANCER UKA?      *Lin. Syst. Nat.*

---

Hujus speciei descriptionem a celeberrimo Sebæ thesauro in opus nostrum transferre non dubitavimus. “Cancer *Uka ura* Brasiliæ incolis sic vocatur, quia in paludibus et rivis vivit. Corpus ejus breve est, oblongo-latum, scutiforme, saturate flavescens. Pes anticus dextri lateris forcipes gerit quam vastissimos; perpusillos contra sinister: ut nimirum horum ope in os queat ingeri, quod majoribus illis arreptum est; siquidem hi adeo intorqueri nequeant. Pateat ergo rursus supremi conditoris sapientia creatis singulis quam benignissime prospiciens. Supra os binæ cernuntur vaginulæ longiusculæ, in quibus globuli, tanquam capitula acicularum, hærent, oculorum munere fungentes, qui hinc ad utrumque latus longum emitti possunt et undequaque dispicere, rursumque subito sub testa recondi, si quid occurrat periculi, ne ab allisu lædantur. Octo reliqui pedes e tribus singuli constant articulis, computatis simul unguibus; primoresque articuli tantum pilosi sunt. Cauda perparva est et angusta. Subtus dilute cinerea regnat flavedo.”



THE  
UKA CRAB.

\*\*\*\*\*

GENERIC CHARACTER.

*Legs* generally eight ; (in some species six or ten, besides two claspers or chelated arms.)

*Eyes* two, commonly distant ; footstalked, moveable.

*Tail* articulated.

SPECIFIC CHARACTER, &c.

Squarish yellow CRAB with the claw on the right side extremely large.

UKA CRAB.

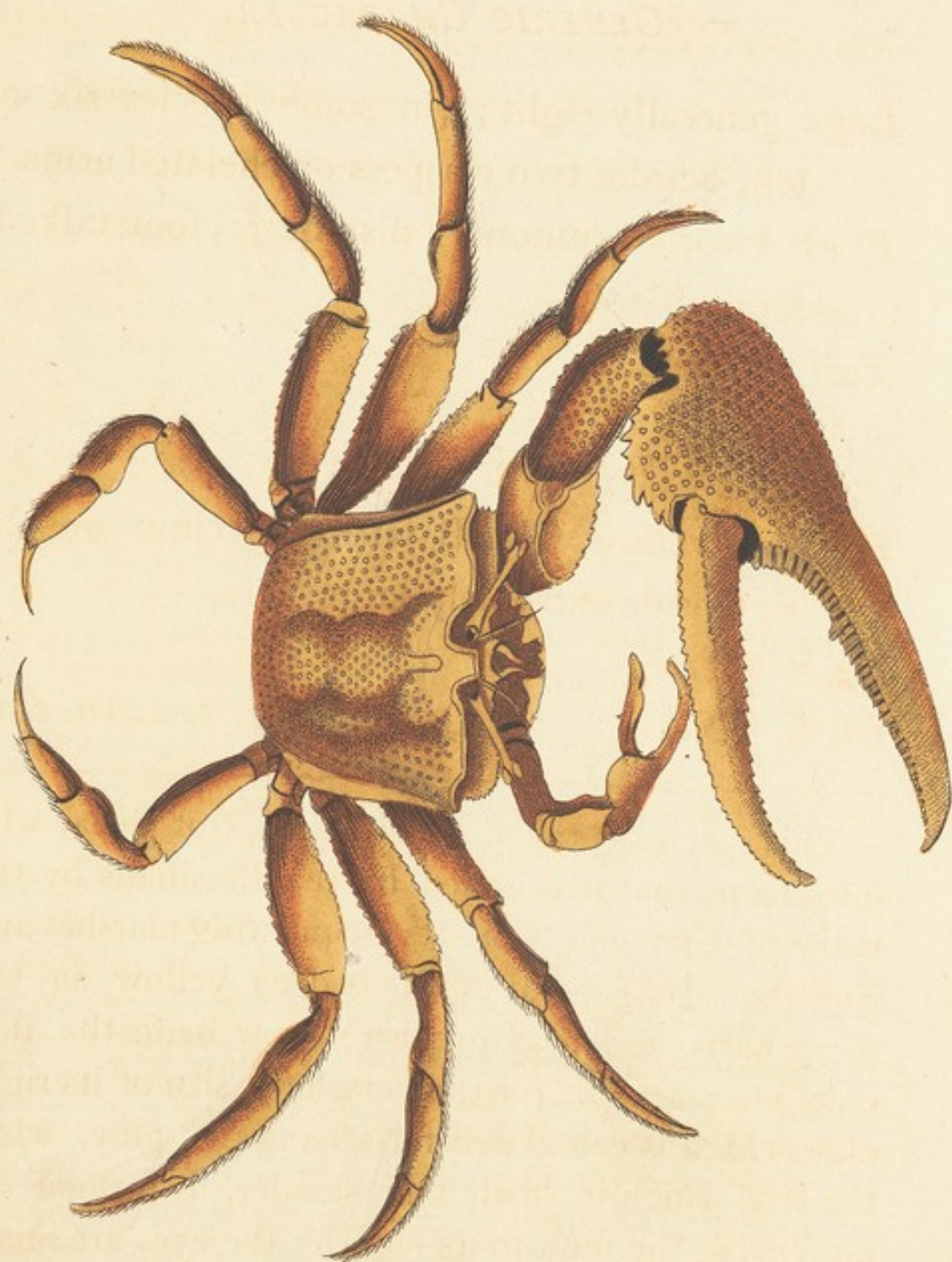
UKA UNA.

Seba. 3. t. 18. f. 8.

---

This species is taken from the work of Seba, who informs us that it is called by the Brasilians by the name of *Uka una*, from its frequenting marshes and rivulets. Its general colour is deep yellow on the upper parts, and pale greyish yellow beneath: it is chiefly remarkable for the very large size of its right claw which is calculated for seizing its prey, while the left, which is small and slender, is formed for conveying the food to its mouth: the eyes are small, and situated on long, moveable footstalks, and are capable of being occasionally retracted under the shell, the tail is very small and slender.

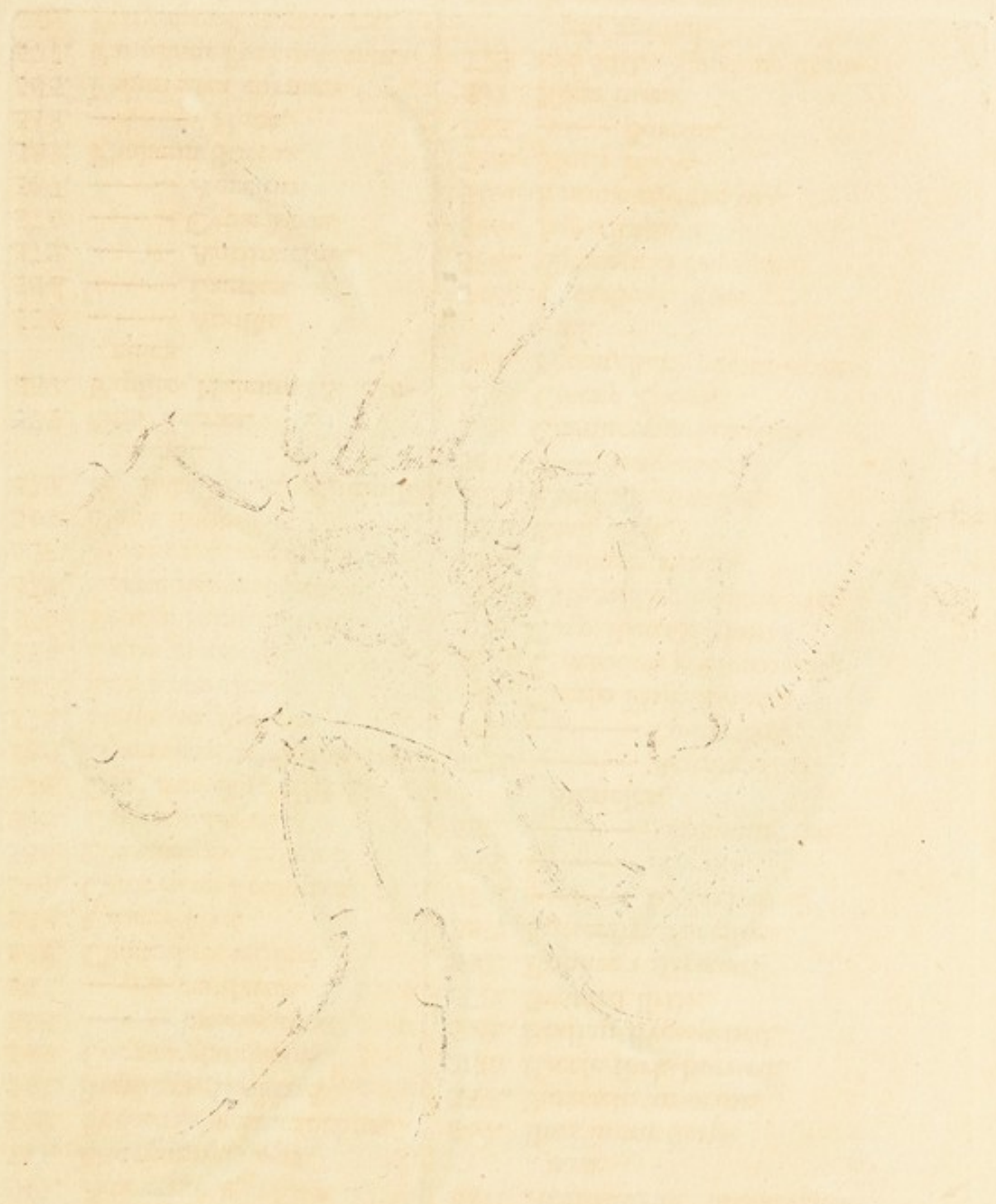




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| 569. Muscicapa coronata.      | 584. Centriscus scaly.         |
| 543. Nepa linearis.           | 588. Crab Uca.                 |
| 579. & 580. Naut. Pompil.     | 553. Crow short-tailed.        |
| animal.                       | 561. ——— long-tailed.          |
| 573. Otis Tetrax.             | 568. Cornucopia helicine.      |
| 552. Papilio Helenus & Ste-   | 583. Cowry Zebra.              |
| neles.                        | 569. Flycatcher round-crest-   |
| 555. ——— Apollo.              | ed.                            |
| 564. ——— Laertes.             | 545. Grossbeak blue.           |
| 572. ——— Antimachus.          | 586. Gymnotus rostrated.       |
| 574. ——— Cyparissias.         | 549. Jay common.               |
| 587. ——— Aurelius.            | 570. Lemur minute var.         |
| 582. Phalæna Boreas.          | 548. Moth Hebe.                |
| 548. ——— Hebe.                | 565. ——— Boreas.               |
| 565. Palamedea cornuta.       | 543. Nepa linear.              |
| 577. Paradisea Parkinsoniana. | 579. and 580. Nautilus Pom-    |
| 559. Platystacus anguillaris. | pil. animal.                   |
| 546. Sepia tunicata.          | 559. Platystacus eel-shaped.   |
| 560. Sca-                     | 557. Pa-                       |

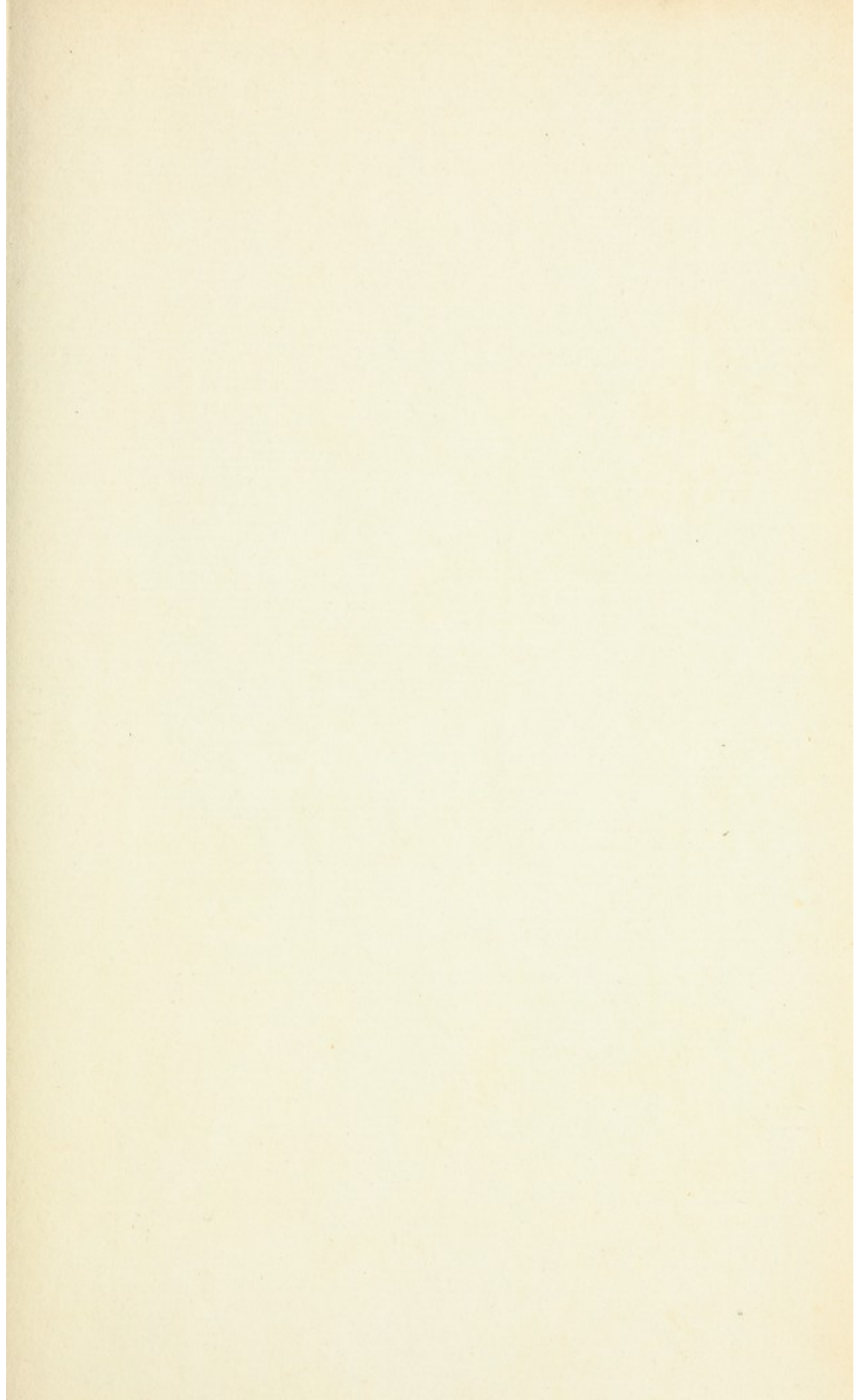


Pl.

560. Scarabæus dichotomus.  
563. Synbranchus marmoratus.  
571. Serpula anguina.  
575. ——— muricata.  
566. & 567. Sphinx Annonæ.  
557. Turdus Cochinchinensis.  
562. Turbo Pica.  
581. Tanagra Malimbica.  
485. Turdus lunulatus.  
550. Voluta Hebræa.  
558. ——— Vespertilio.

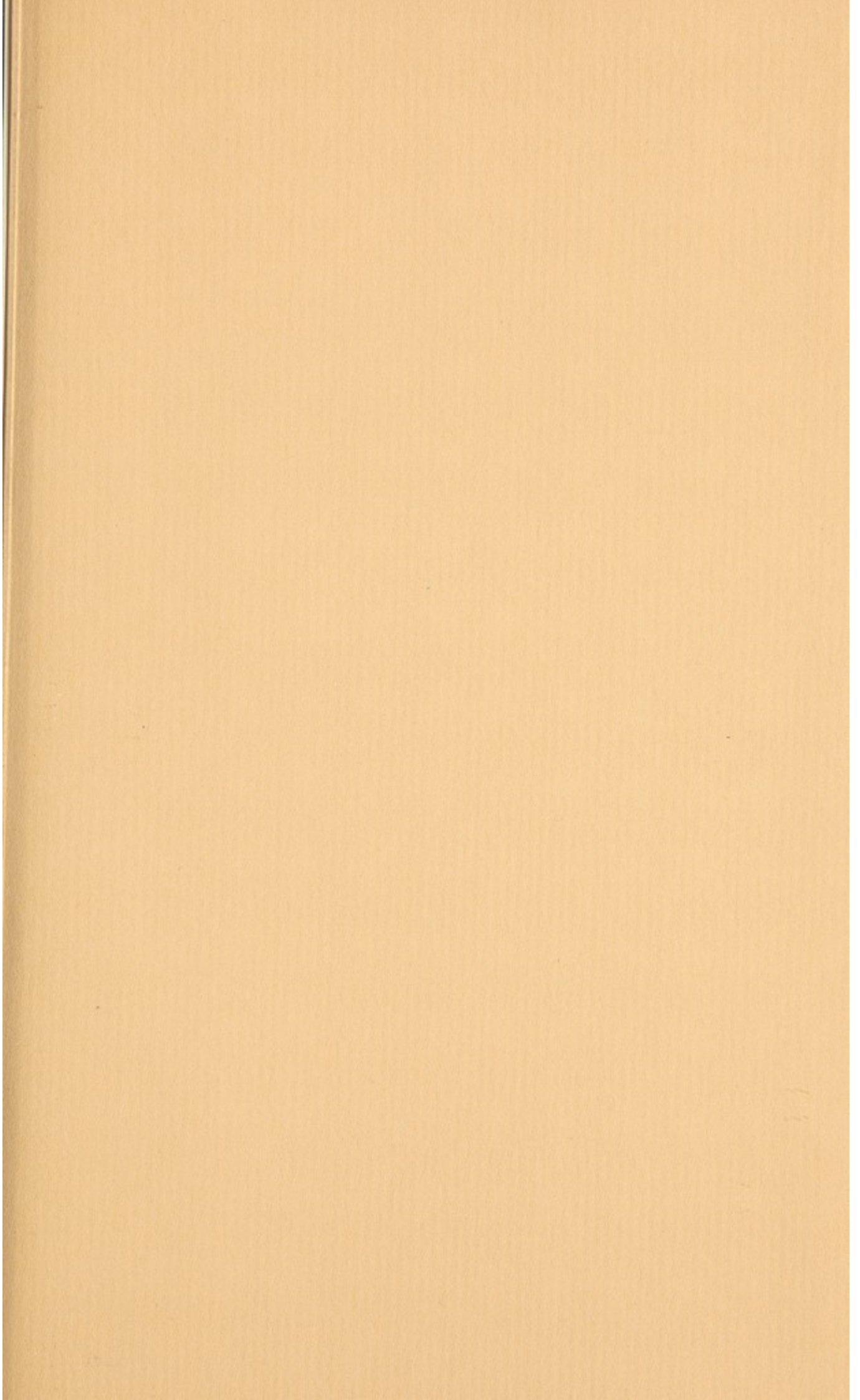
Pl.

57. Paradise-bird Parkinsonian.  
563. Synbranchus marbled.  
565. Screamer horned.  
566. and 567. Sphinx Annona.  
571. Serpula anguine.  
575. ——— muricated.  
576. Snail dilated.  
557. Thrush Cochinchina.  
485. ——— lunulated.  
581. Tanager Malimbic.  
562. Turbo Magpie.  
550. Volute veined.  
558. ——— Bat's-wing.

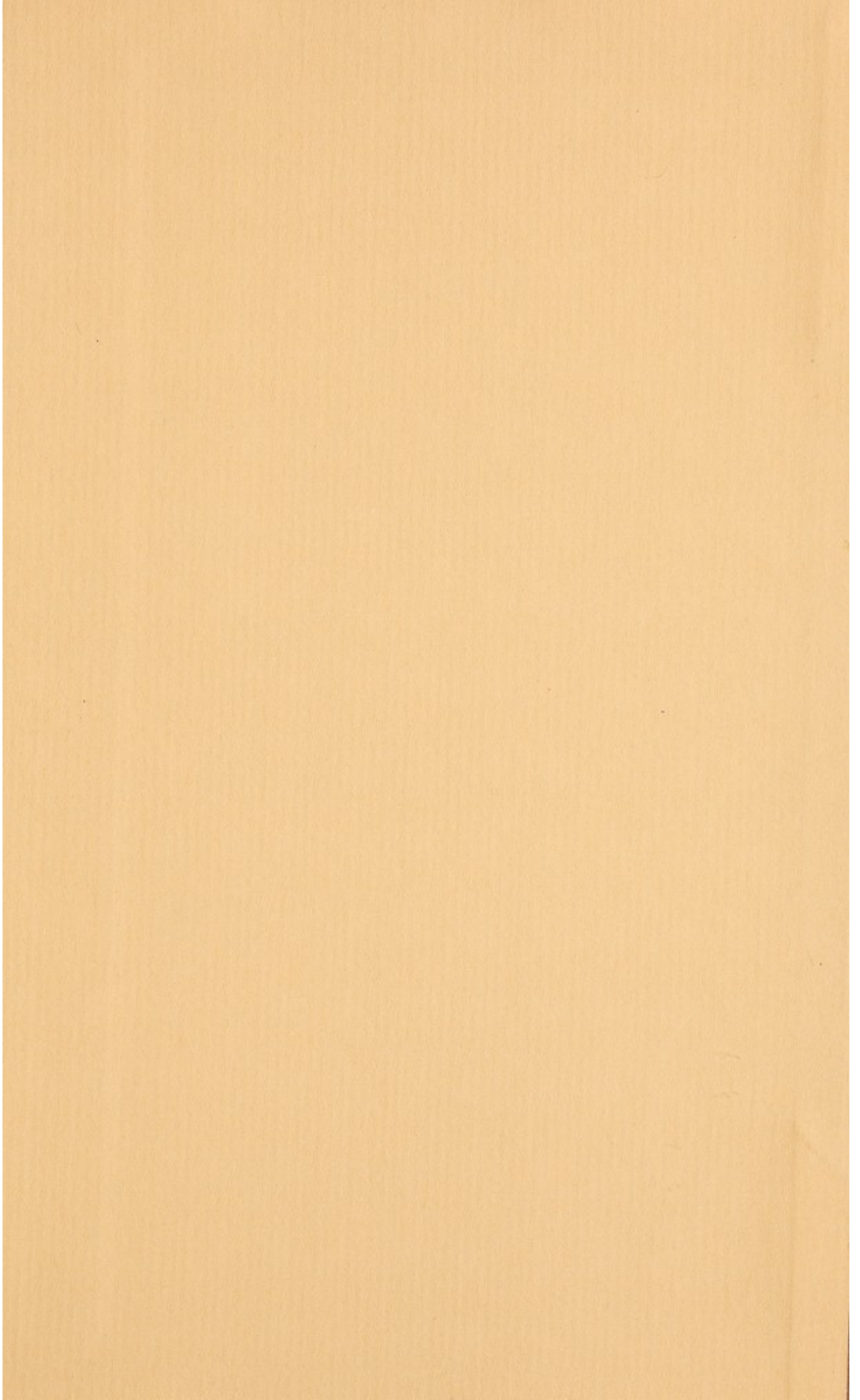




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