

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

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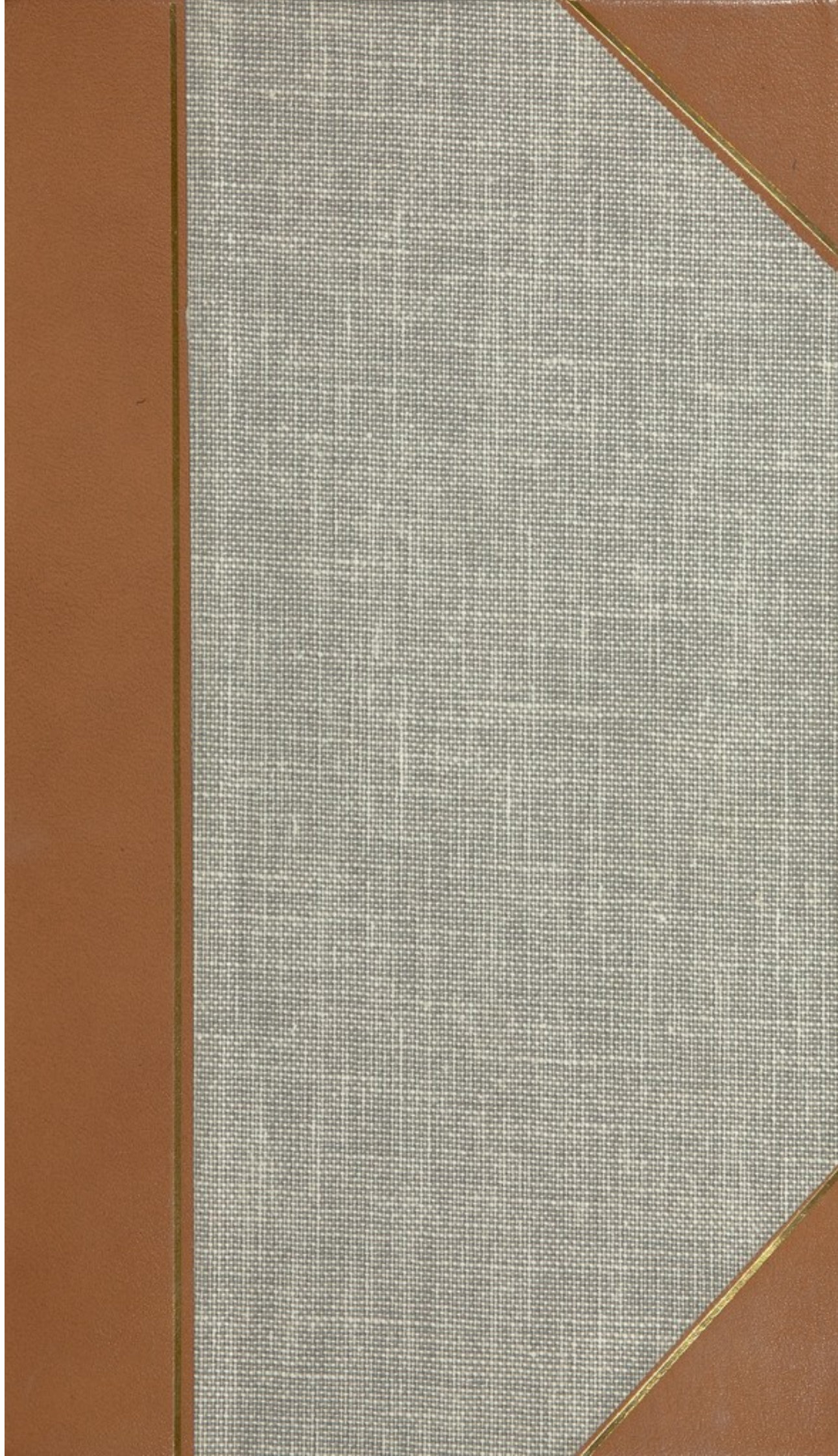
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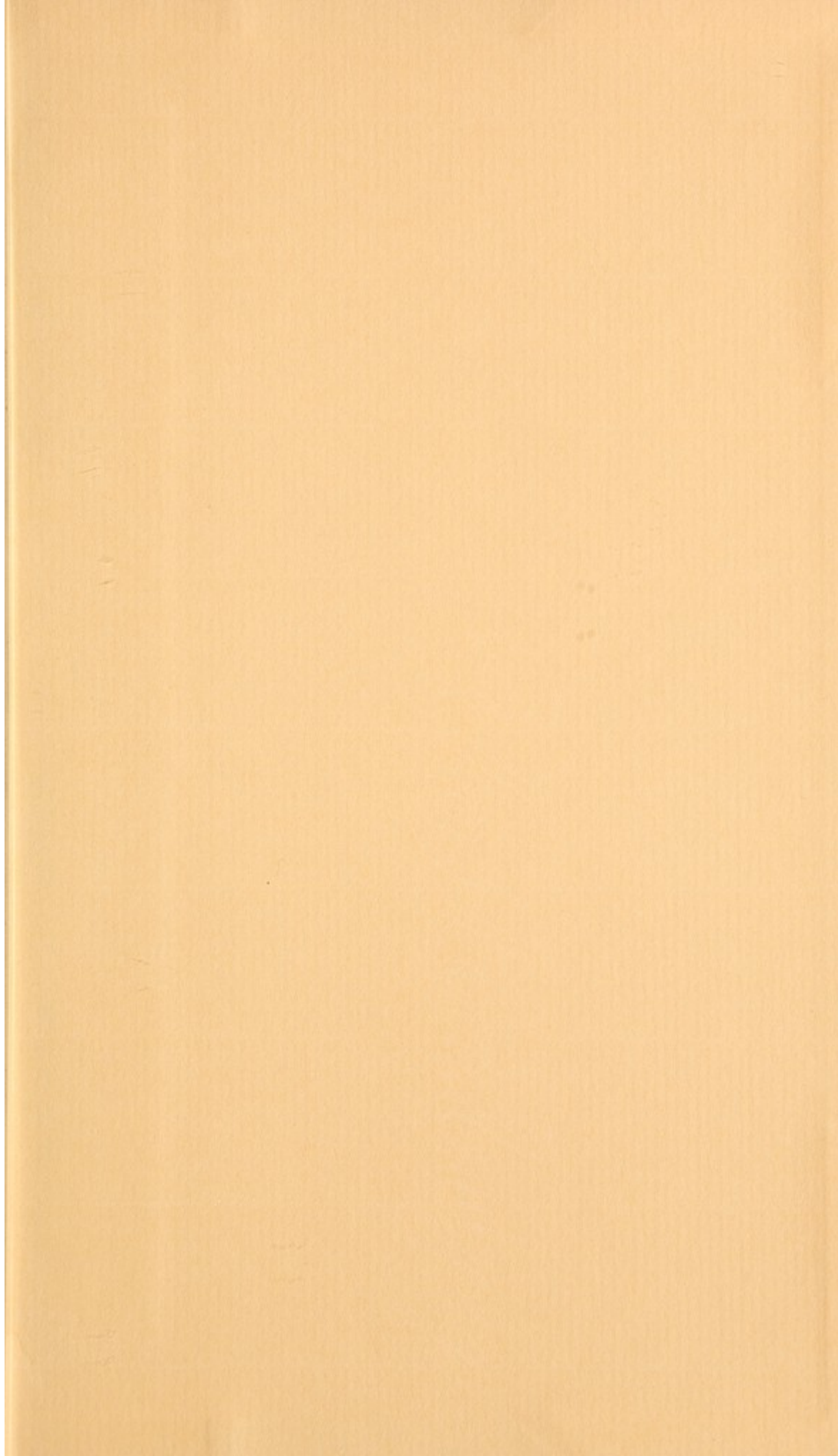
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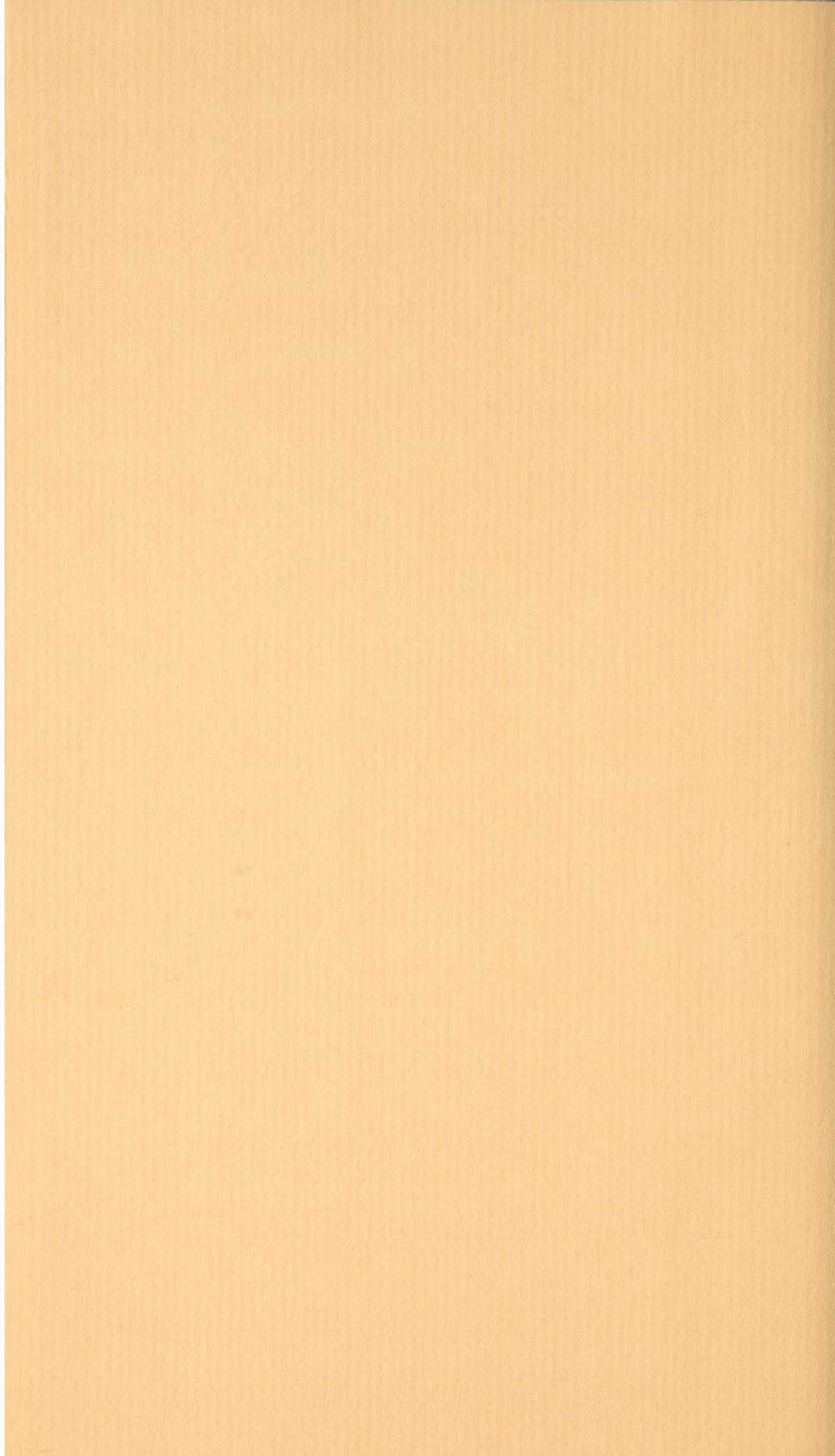


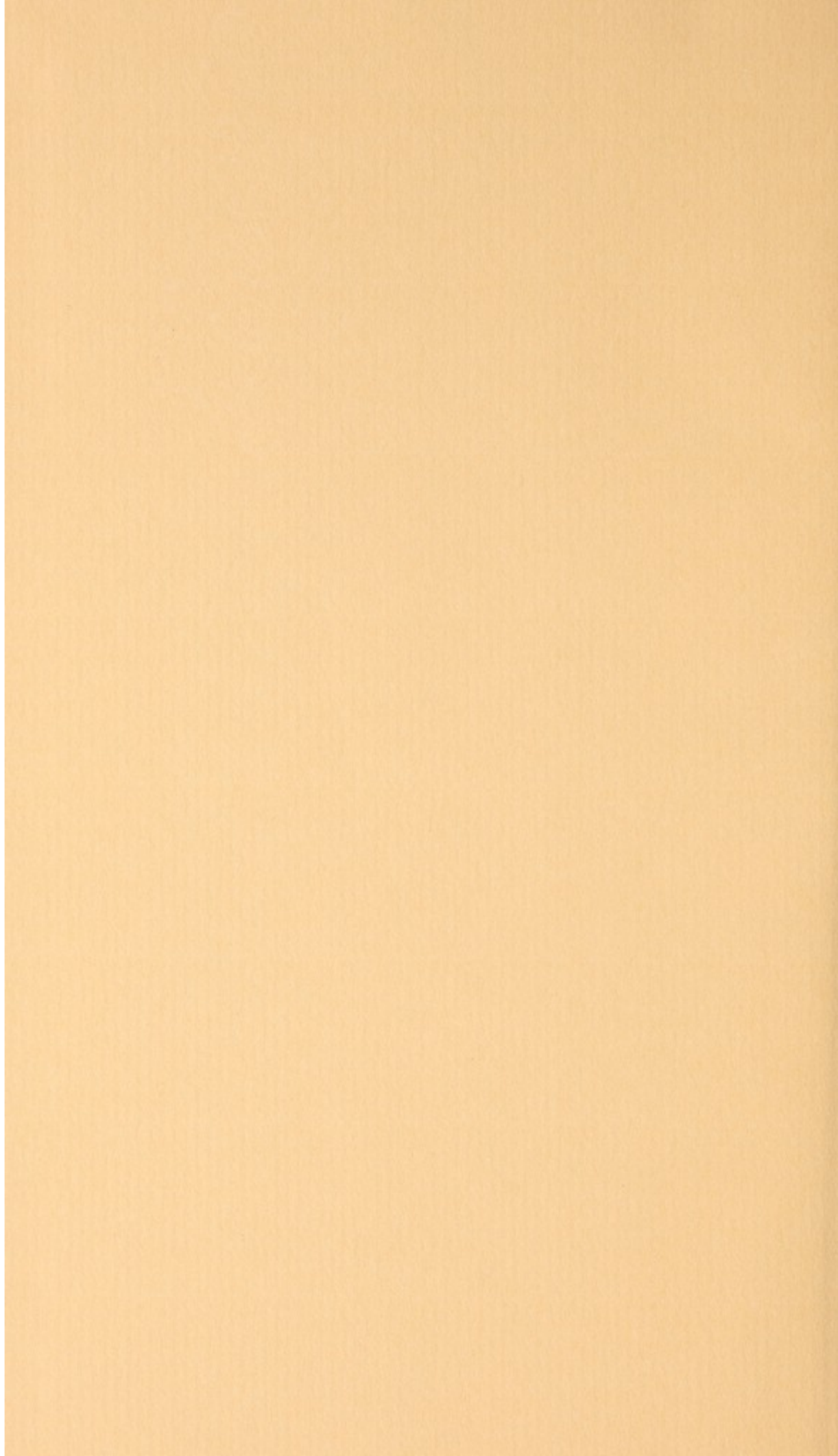
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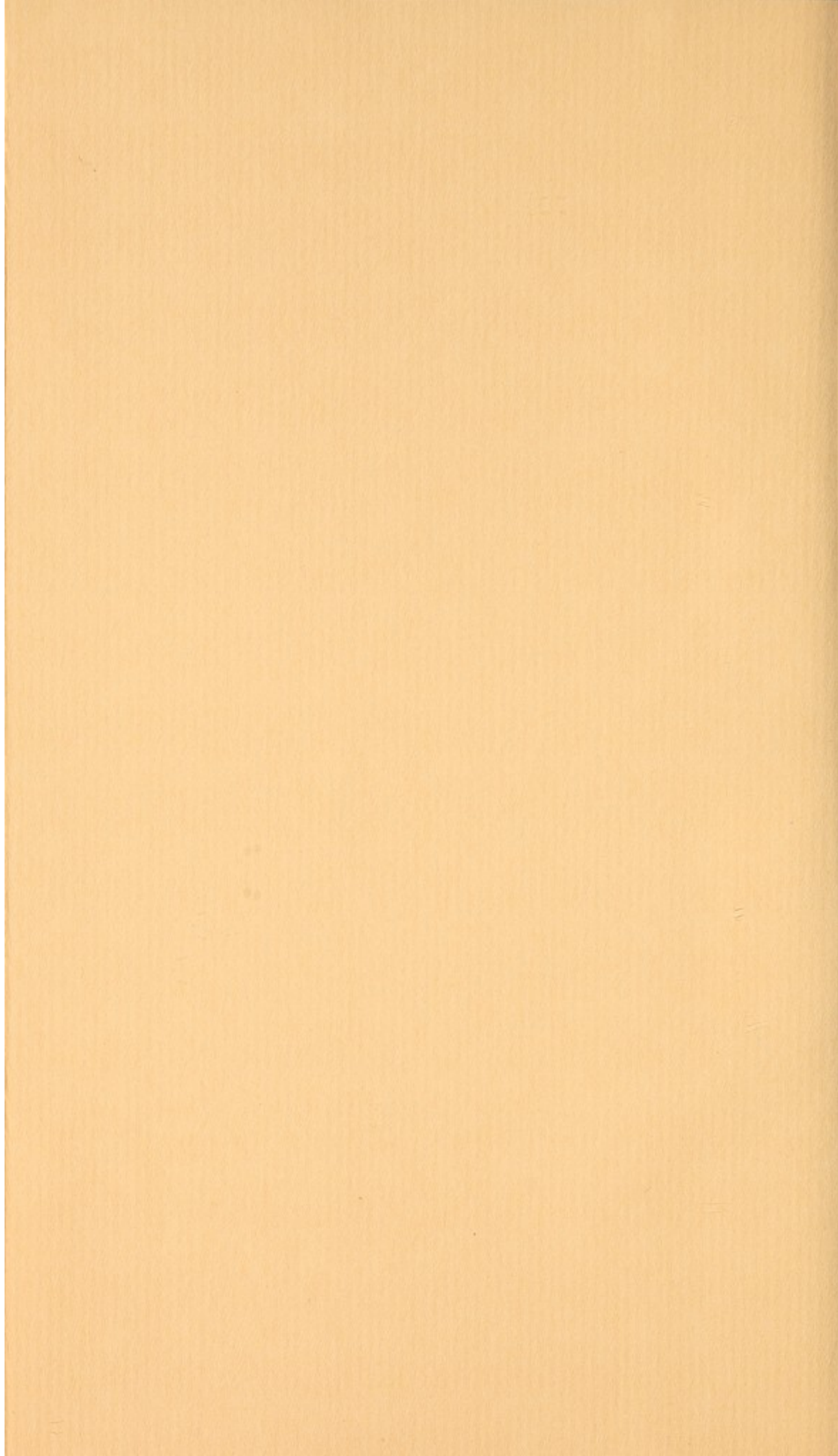


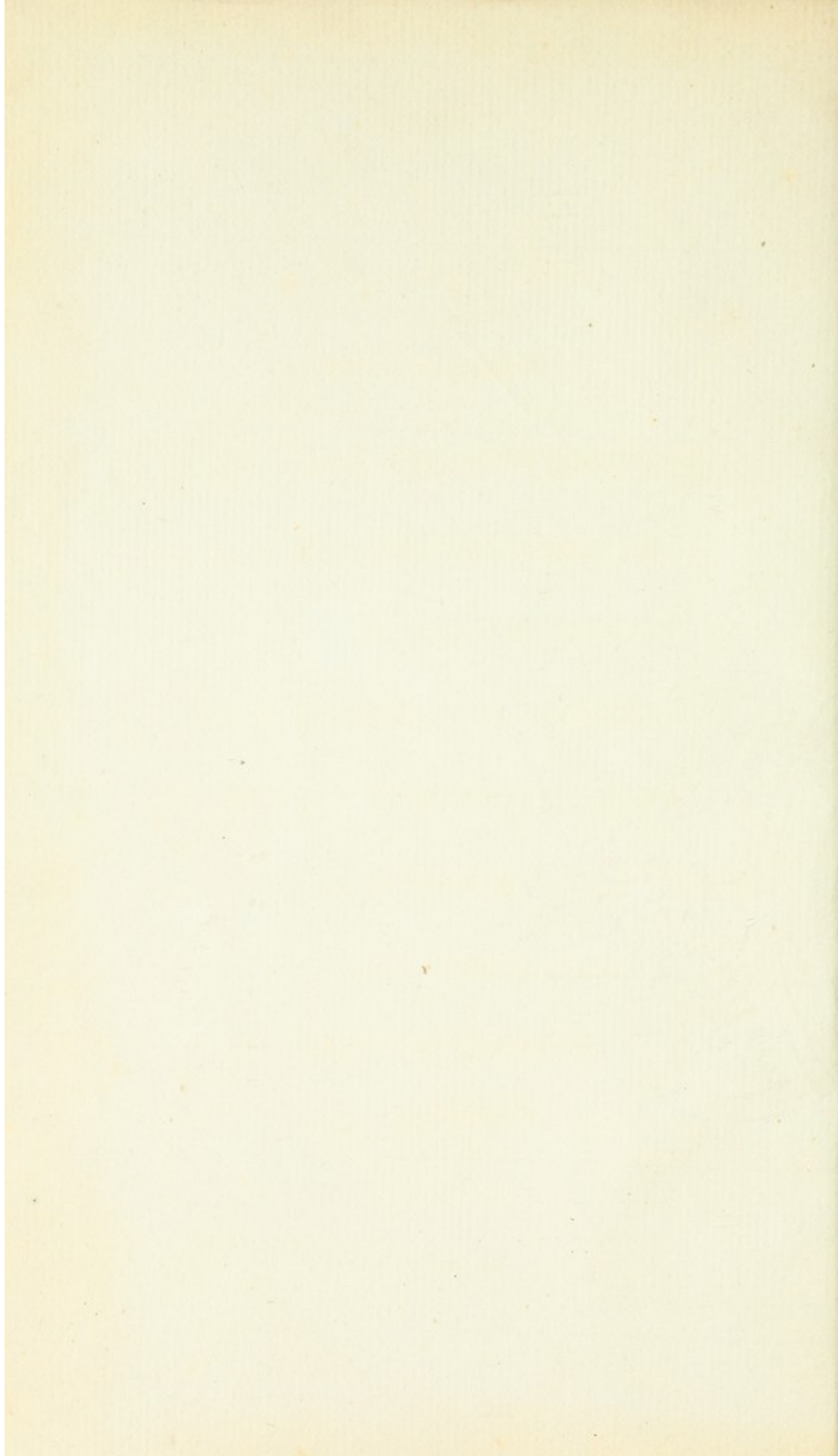












VIRO ORNATISSIMO

SAMUELI GOODENOUGH,

EPISCOPO Carliolensi.,

HUNC

VICECIMUM QUARTUM

NATURÆ VIVARII

FASCICULUM

D. D. D.

GEORGIUS SHAW,

E. NODDER.

TO
THE RIGHT REVEREND
SAMUEL GOODENOUGH,
LORD BISHOP OF CARLISLE,
THIS TWENTY-FOURTH VOLUME
OF THE
NATURALIST'S MISCELLANY

IS RESPECTFULLY INSCRIBED

BY
GEORGE SHAW,
E. NODDER.

PARALLEL THESES

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PARADISEA SUPERBA.

CHARACTER GENERICUS.

Rostrum capistri plumis tomentosis tectum.

Pennæ hypochondriorum plerisque longiores.

Pedes validi, ambulatorii.

CHARACTER SPECIFICUS, &c.

Paradisea nigra, corpore utrinque fasciculo aliformi, pennis pectoralibus splendide virentibus, utrinque elongato-divergentibus.

Gen. Zool. 7. p. 494.

Paradisea superba. P. fronte cristata, capite cervice abdomineque viridibus, gula violacea sericea, cauda mediocri cærulescenti-atra.

Lath. ind. orn.

Insulas Moluccenses incolit *Paradisea superba*. Elegantissimam hujus avis iconem publicavit Dominus Levaillant, in splendido suo opere de *Paradiseis*. Juxta illam effigiem fideliter delineata est hæc nostra similitudo. Vera avis magnitudo est quasi turdi vulgaris sive musici.

THE
SUPERB PARADISE-BIRD.

GENERIC CHARACTER.

Bill covered at the base by velvet-like plumes.

Side-Feathers beneath the wings, in most species, extending far beyond the rest of the plumage.

Legs strong ; feet formed for walking.

SPECIFIC CHARACTER, &c.

Black Paradise-Bird, with a wing-like set of feathers on each side of the body, and bright-green pectoral plumes diverging and lengthened on each side.

Gen. Zool. 7. p. 494.

Le Manucode dit le Superbe.

Sonner. voy. p. 157. pl. 96.

Le Manucode noir de la Nouvelle Guinée dit le Superbe.

Buff. ois. Pl. Eul. 632.

Le Superbe.

Viellot Parad. Levaill. Parad.

The Superb Paradise-Bird is a native of the Molucca islands. It has been figured with peculiar elegance in the splendid publication of Mons. Levaillant on the genus *Paradisea* ; and the representation here given is a faithful copy. The size of the bird equals that of a common Thrush.



Rich^d P. Nodder Sculp.

MUREX TULIPA.

CHARACTER GENERICUS.

Animal Limax.

Testa univalvis, spiralis, exasperata suturis membranaceis.

Apertura desinens in canalem integrum, rectum, seu subascendentem.

Lin. Syst. Nat. p. 1213.

CHARACTER SPECIFICUS, &c.

Murex testa ventricosa oblonga lævi albida, fasciis longitudinalibus fulvis, anfractibus rotundatis, sutura geminata.

Murex Tulipa. M. testa ventricosa oblonga lævi, anfractibus rotundatis sutura geminata, apertura uniplicata, cauda patula striata.

Lin. Syst. Nat. p. 1223.

Maria Indica et Americana incolit Murex Tulipa, sæpius major specimine quod in tabula monstratur.

THE
TULIP MUREX.

GENERIC CHARACTER.

Animal allied to a Limax or Slug.

Shell univalve, roughened by membranaceous sutures.

Aperture ending in a strait or subascending channel.

SPECIFIC CHARACTER, &c.

Murex with ventricose oblong smooth whitish shell, with longitudinal fulvous bands, rounded whirls, and double suture.

The Tulip Murex.

La Tulipe.

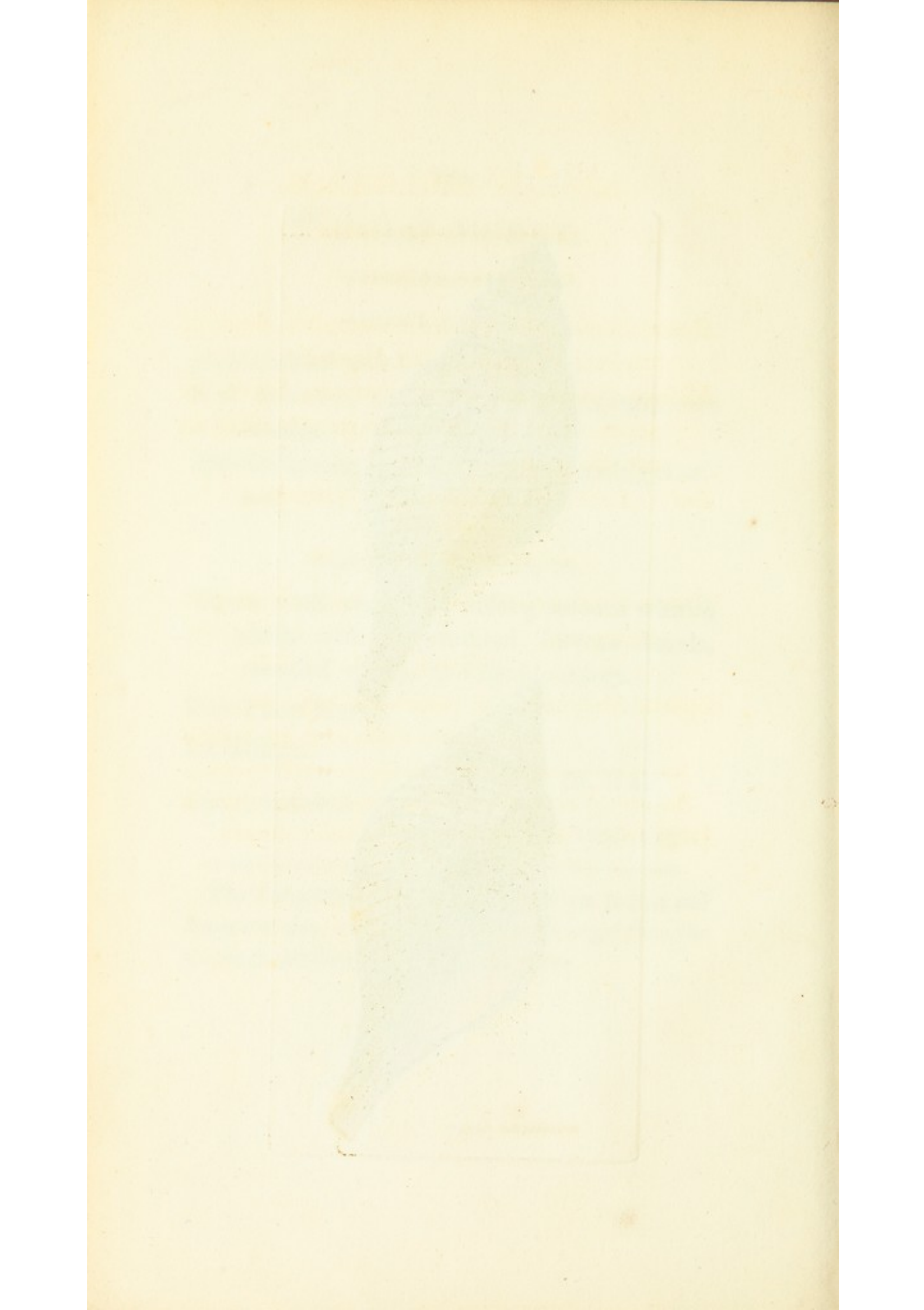
Argenv. pl. 10. f. κ.

Die Achatbirne.

Martini 4. f. 1286-1291.

The Tulip Murex is an inhabitant of the Indian and American seas, and is frequently much larger than the specimen exhibited on the present plate.





SPARUS ABILGARDI.

CHARACTER GENERICUS.

Dentes validi: *primores* ordine simplici, duplici, triplici, vel quadruplici dispositi.

Molares (plerisque) validi, convexi, læves, in series dispositi, et quasi pavimentum in ore efformantes.

Labia crassa; *opercula* mutica, squamosa.

CHARACTER SPECIFICUS, &c.

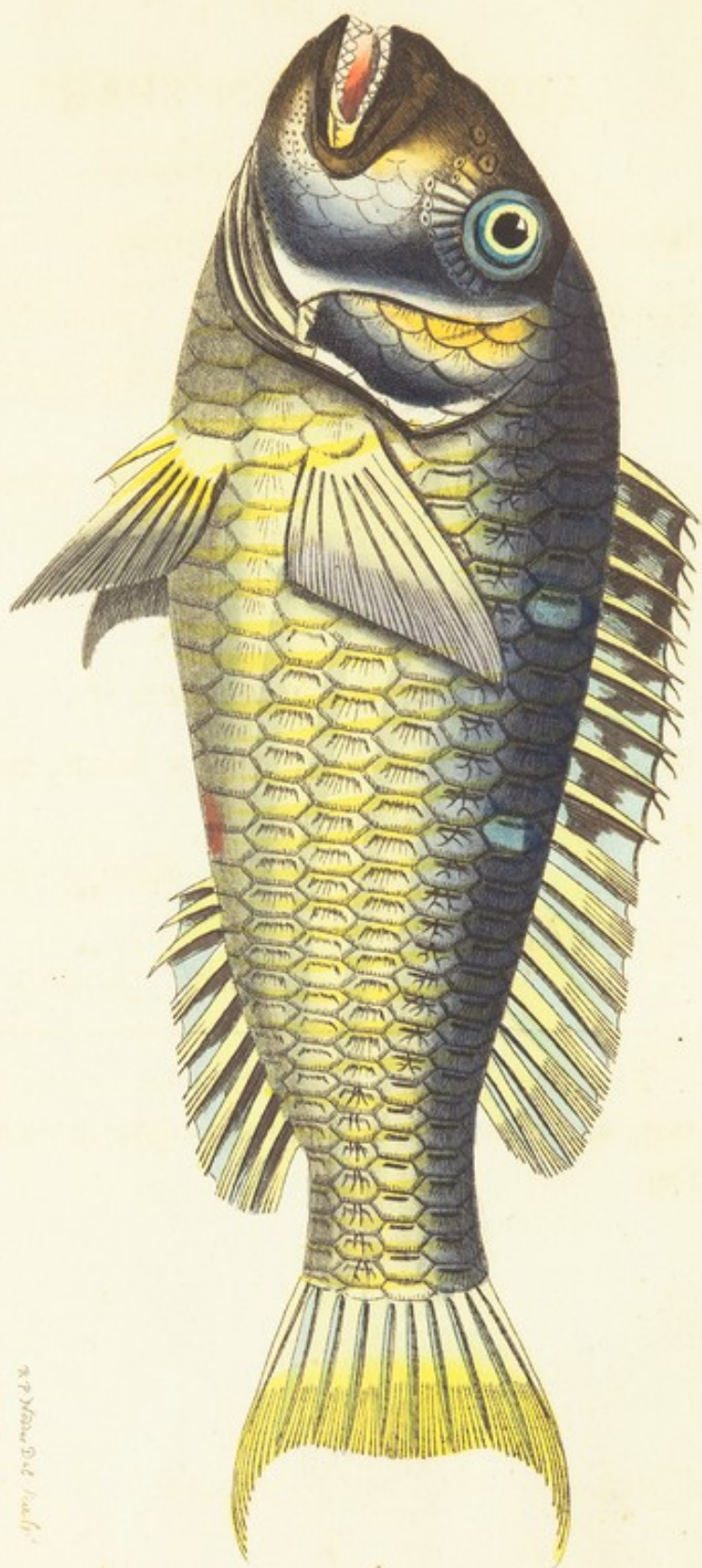
Sparus albidus dorso subfusco, squamis magnis hexagonis.

Gen. Zool. 4. p. 412.

Sparus Abilgardi. S. squamis hexagonis.

Bloch. ichth. 8. p. 19. t. 259.

In mari Americano præcipue repertus hic piscis in longitudinem sesquipedalem vel bipedalem crescit.



THE
ABILGARDIAN SPARUS.

GENERIC CHARACTER.

Teeth strong: *front-teeth* in some species disposed in a single row, in others in a double, treble, or quadruple row.

Grinders (in most species) convex, smooth, and forming a kind of pavement in the mouth.

Lips thick: *gill-covers* unarmed, scaly.

SPECIFIC CHARACTER, &c.

Whitish Sparus, with dusky back, and large hexagonal scales.

Gen. Zool. 4. p. 412.

Sparus Abilgardi.

Bloch. pl. 259.

This fish is principally observed in the American seas, and grows to the length of eighteen inches or two feet.

THE
ALPHABETICALLY ARRANGED
LIST OF THE
SPECIES OF THE
GENUS *CHROMOLA*

This genus is named in honor of the
late Mr. J. C. Smith, who was the first
to describe it. It is a very common
plant in the mountains of the
Andes, and is also found in the
tropics of America. The leaves are
large and deeply lobed, and the
flowers are small and white. The
fruit is a small, round, red berry.
The plant is very hardy and
will grow in a variety of soils.
It is a very useful plant, and
is often used for medicinal
purposes. The leaves are used
to treat fevers, and the fruit
is used to treat stomach
aches. The plant is also used
for the treatment of
rheumatism.

PAPILIO AJAX.

CHARACTER GENERICUS.

Antennæ apicem versus crassiores, sæpius clavato-capitatae.

Alæ (sedentis) erectæ sursumque conniventes.
(Volatu diurno.)

Lin. Syst. Nat.

CHARACTER SPECIFICUS, &c.

Papilio alis caudatis concoloribus flavescentibus, fasciis nigris geminatis; posticis subtus striga diffracta anguloque ani sanguineis.

Smith. Abbot Ins. Amer. t. 4.

Papilio Ajax. *P.* alis obtuse caudatis concoloribus fuscis; fasciis flavescentibus, angulo ani fulvo.

Lin. Syst. Nat. p. 750.

Georgiam et Virginiam incolit *Papilio* Ajax, cujus larva *Annonæ* palustris folia præcipue depascitur.

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Th. P. Loddon 2nd. July 1844

AJAX.

GENERIC CHARACTER.

Antennæ thickening towards the end, and generally terminating in a clavated tip.

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

SPECIFIC CHARACTER, &c.

Butterfly with yellowish-white tailed wings, marked in a similar manner on both surfaces with double black bands; the lower pair marked beneath and at the inner tips by a broken red stripe.

The Black-Barred Swallow-Tail Butterfly.

Abbot's N. American Insects, pl. 4.

P. Marcellus. Cramer Pap. pl. 89. f. G. H.

Edwards, pl. 34.

This insect is an inhabitant of Georgia and Virginia; the caterpillar feeding principally on the leaves of the *Annona palustris* of Linnæus, or Swamp Papaw.

ALAX

GENERAL CHARACTER

General description of the bird, including its size, shape, and color. The bird is a small, slender, and elegant creature, with a long, pointed beak and a slender neck. Its plumage is a mix of brown and white, with a distinctive white patch on the throat. The bird is found in the mountains of the Alps, where it is known for its melodious song.

Particular description of the bird's plumage, including the color of the head, neck, and body. The head is brown with a white patch on the throat. The neck is slender and white. The body is covered in brown and white plumage, with a distinctive white patch on the throat. The wings are long and pointed, and the tail is also long and pointed.

The Black-Bellied Plover-Tail (Luscinia sibilatrix) is a small, slender, and elegant creature, with a long, pointed beak and a slender neck. Its plumage is a mix of brown and white, with a distinctive white patch on the throat. The bird is found in the mountains of the Alps, where it is known for its melodious song.

This species is a small, slender, and elegant creature, with a long, pointed beak and a slender neck. Its plumage is a mix of brown and white, with a distinctive white patch on the throat. The bird is found in the mountains of the Alps, where it is known for its melodious song.

PARADISEA VAILLANTII.

CHARACTER GENERICUS.

Rostrum capistri plumis tomentosis tectum.

Pennæ hyochondriorum plerisque longiores.

Pedes validi, ambulatorii.

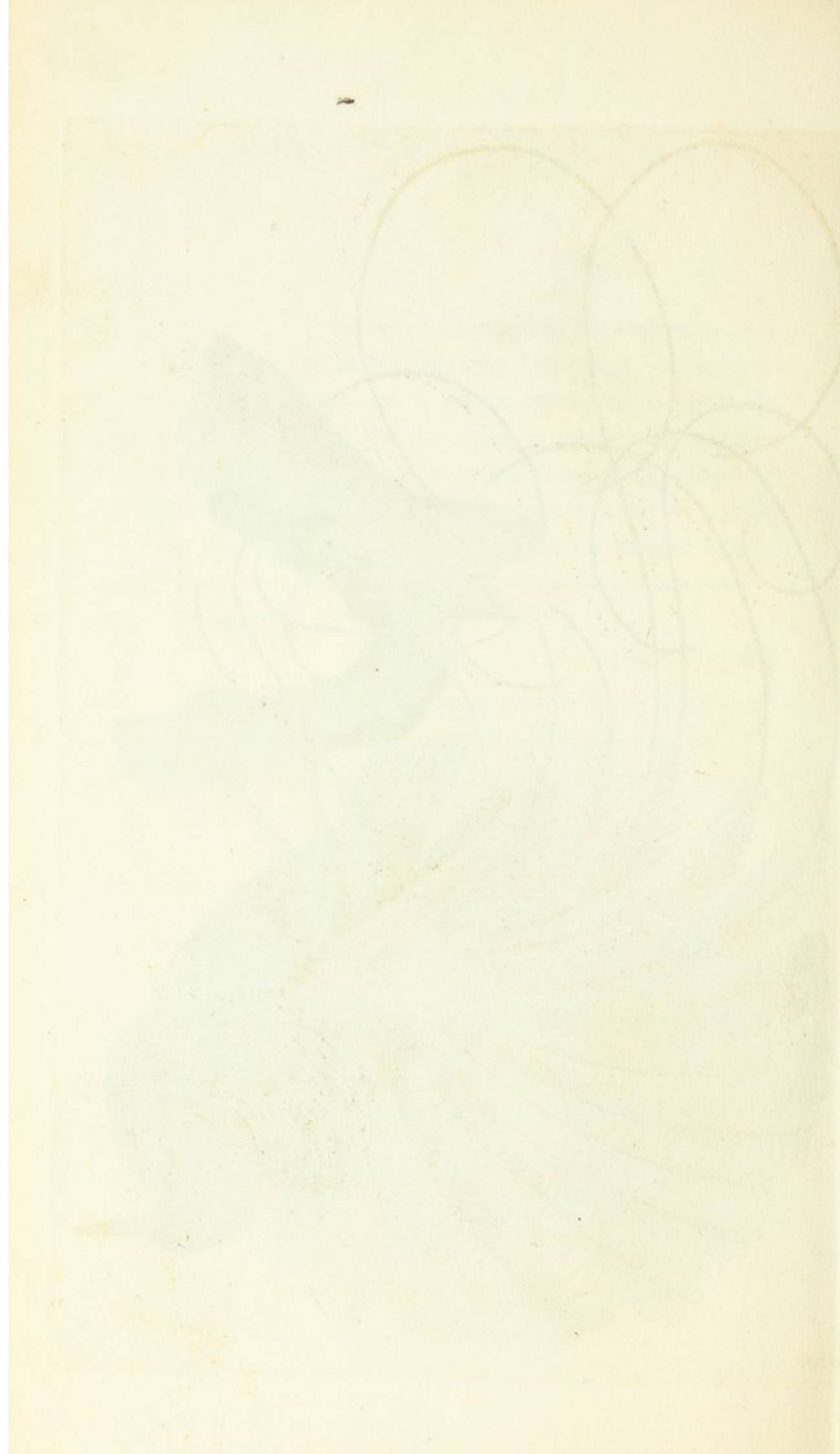
CHARACTER SPECIFICUS, &c.

Paradisea nigro-violacea, pennis lateralibus decompositis niveis apice filiformibus longissimis nudis.

Le Nebuleux.

Levaill. Parad.

Pulchre depicta est perelegans hæc avis in splendido opere quod conscripsit Levaillantus: quem tamen in specimen incidisse crediderim cujus rostrum, casu aliquo leviter recurvum, naturæ minus convenerit; idque in tabula nostra emendavimus. In insulis Moluccis generatur.





THE
VAILLANTIAN PARADISE-BIRD.

GENERIC CHARACTER.

Bill covered at the base by velvet-like plumes.

Side-Feathers beneath the wings, in most species, extending far beyond the rest of the plumage.

Legs strong : feet formed for walking.

SPECIFIC CHARACTER, &c.

Violet-Black Paradise-Bird, with loose-webbed snow-white side-feathers terminating in very long naked filiform shafts.

Le Nebuleux.

Levaill. Parad.

The present species of Paradise-Bird is beautifully figured in the splendid work on that genus published by Mons. Levaillant, whose specimen however seems to have had the bill a little injured by being warped upwards ; a particular which is corrected in the present plate. This bird, like the rest of its congeners, is an inhabitant of the Molucca islands.

THE HISTORY OF THE
CITY OF LONDON

From the Foundation of the City to the Present Time
By JOHN STOW
1618

The City of London, the most famous and ancient of Cities, is situated on the River of Thames, about five Miles from the Mouth of the same, and is bounded on the North by the River of St. Mary, on the East by the River of St. Dunstons, on the South by the River of St. Andrew, and on the West by the River of St. Martin. The City is divided into four Parts, the first of which is the Old London, the second is the New London, the third is the Middle London, and the fourth is the Suburbs. The Old London is the most ancient Part of the City, and is situated on the North Bank of the River of Thames. The New London is the most modern Part of the City, and is situated on the South Bank of the River of Thames. The Middle London is the most populous Part of the City, and is situated in the middle of the River of Thames. The Suburbs are the most extensive Part of the City, and are situated on the North and South Banks of the River of Thames.

CERAMBYX VIRENS.

CHARACTER GENERICUS.

Antennæ attenuatæ.

Thorax spinosus aut gibbus.

Elytra linearia.

Lin. Syst. Nat.

CHARACTER SPECIFICUS, &c.

Cerambyx viridis, thorace utrinque unispinoso,
femoribus subferrugineis unidentatis.

Cerambyx virens. C. thorace spinoso, elytris
obtusis, corpore viridi, antennis longiori-
bus, femoribus unidentatis.

Lin. Syst. Nat.

In insula Jamaica generatur *Cerambyx virens*, et
habitu corporis ad similitudinem proxime accedit *Ce-
rambycis moschatæ Britannicæ*. Tabula monstrat
veram magnitudinem.

CERAMBYX VIRIDIS

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CERAMBYX VIRIDIS

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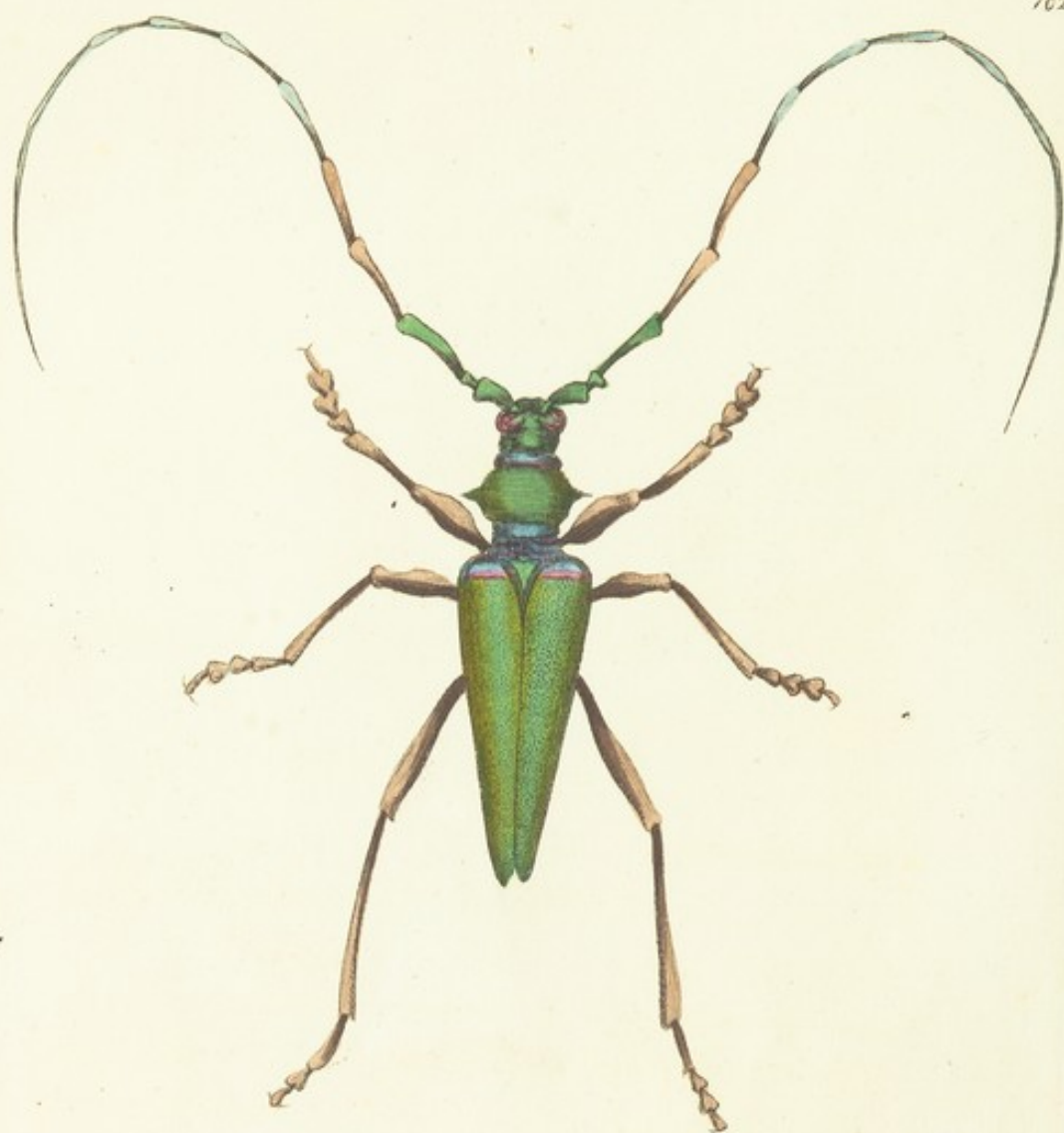
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P. PUGGIO. del. &c.

THE
GREEN JAMAICA GOATCHAFFER.

GENERIC CHARACTER.

Antennæ attenuated.

Thorax either spinous or gibbous.

Elytra linear.

SPECIFIC CHARACTER.

Green *Cerambyx*, with a single spine on each side the thorax, and subferruginous single-spined thighs.

Cerambyx virens.

Oliv. Ins. Ceramb. pl. 11. f. 78.

Cerambyx virens.

Drury Ins. 1. p. 89. pl. 40. f. 1.

The Lady Capricorn.

Browne's Jamaica, p. 430. pl. 43.
f. 8.

This insect is a native of Jamaica, and is very nearly allied to the British species known by the name of the Musk Goatchaffer. The plate represents it in its natural size.

THE JAMAICA GOAT-CHIEF
GREEN JAMAICA GOAT-CHIEF

GOAT-CHIEF
GOAT-CHIEF

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POLYPTERUS NILOTICUS.

CHARACTER GENERICUS.

Membr. branch. uniradiata.

Pinnæ dorsales numerosæ.

Gen. Zool. 5. p. 122.

CHARACTER SPECIFICUS, &c.

Polypterus viridis, abdomine nigro maculato.

Gen. Zool. 5. p. 122.

Polyptere Bichir.

Geoffroy Ann. Mus. Hist. Nat.
vol. i. p. 57. pl. 5.

Polypterus Niloticus primus technice et accurate descripsit Dominus Geoffroy ; qui auctor est, medium quoddam esse vinculum inter pisces osseos et cartilagineos. Si faciem universam spectes, ad genus *Esox* videtur accedere ; ad illas præcipue species quæ squamis præduris et veluti osseis instruuntur. Forma longa est et quasi serpentina, capite longis laminis munito, corpore fere cylindrico, squamis duris cooperto. Longus est piscis circiter octodecim uncias. Color thalassinus, abdomine pallidiore. In flumine Nilo generatur, ibique molli sub limo latere solet. In optimis habetur piscibus Niloticis ; caro quippe sapida est et tenera. Cutem ægre cultro penetrabilem mos est totam evertere, pisce prius cocto.

POLYMERUS-ALLOTROPUS

RESEARCHES IN POLYMERUS-ALLOTROPUS

BY J. H. VAN DER WOUDE

Ph.D. Thesis, University of Amsterdam

Amsterdam, 1925

Vol. I, p. 1-122

CHARACTERISTICS OF

Polymerus-Allotropus, Chapter I, p. 1-122

Vol. I, p. 1-122

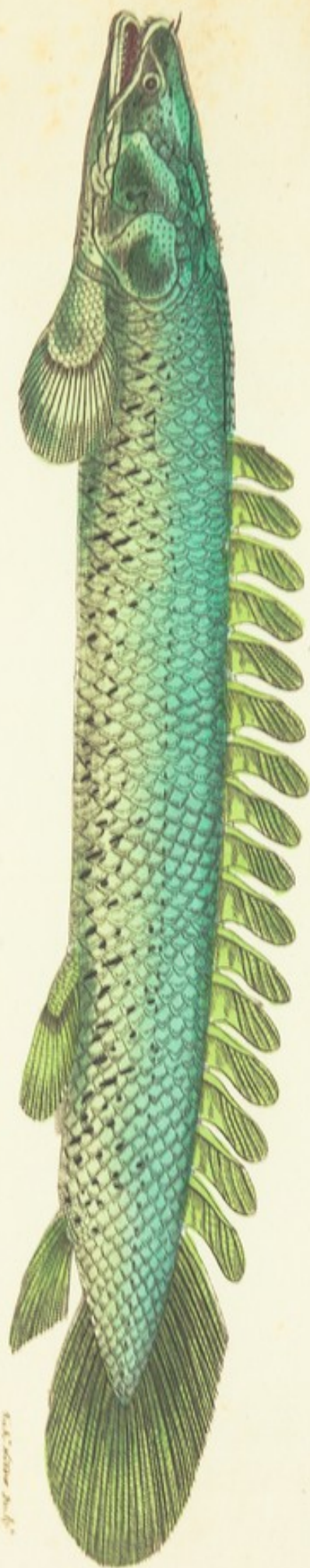
Chapter II, p. 123-244

Chapter III, p. 245-366

Vol. I, p. 1-122

The following is a summary of the main results of the researches in Polymerus-Allotropus, Chapter I, p. 1-122. The results are divided into three parts: (1) General characteristics of Polymerus-Allotropus, (2) Characteristics of the different allotropes, and (3) Characteristics of the different polymers. The results are given in a tabular form, and are accompanied by a number of figures and tables. The results are as follows:

Characteristics of Polymerus-Allotropus	Characteristics of the different allotropes	Characteristics of the different polymers
1. General characteristics of Polymerus-Allotropus	2. Characteristics of the different allotropes	3. Characteristics of the different polymers



Channa argus

THE
NILOTIC POLYPTERUS.

GENERIC CHARACTER.

Gill-membrane single-rayed.

Dorsal fins numerous.

SPECIFIC CHARACTER, &c.

Green Polypterus, with the abdomen spotted
with black.

Polyptere Bichir.

Geoffroy. Ann. Mus. Hist. Nat.
vol. 1. p. 57. pl. 5.

This remarkable fish seems to have been first scientifically described by Mons. Geoffroy, who considers it as forming a kind of connecting link between the osseous and cartilaginous fishes. In point of general affinity, it seems most allied to the genus *Esox* or Pike, and especially to such species as are furnished with strong or bony scales. Its shape is long and serpentiform, the body nearly cylindrical, the head defended by lengthened bony plates, and the body covered with large and strong scales. Its usual length is about eighteen inches, and its colour sea-green, paler, or whitish on the abdomen. It is an inhabitant of the river Nile, where it is observed to reside in the soft mud, and is considered as one of the best of the Nilotic fishes, having a tender and savoury flesh; and as it is difficult to open the skin with a knife, it is usual to boil the fish first, and afterwards draw off the skin whole.

THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

IN WHICH ARE CONTAINED

THE MOST IMPORTANT

EVENTS OF HIS

REIGN, FROM THE BEGINNING OF HIS

REIGN

UNTIL HIS DEATH

IN THE YEAR 1649

BY

JOHN BURNET, BISHOP OF SALISBURY

AND

JOHN BURNET, BISHOP OF SALISBURY

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AND

JOHN BURNET, BISHOP OF SALISBURY

DELPHINUS VENTRICOSUS.

CHARACTER GENERICUS.

Dentes in maxilla utraque.

Fistula in capite.

CHARACTER SPECIFICUS, &c.

Delphinus nigricans, subtus albus, rostro rotundato, corpore ventricosus.

Epaillard ventru.

Bonaterre, pl. de l'Encycl. Meth.

Le Dauphin ventru.

Cepede cétacées, p. 311.

Speciem hanc primus descripsit Joannes Hunterus in Actis Anglicis. Crescit interdum in longitudinem octodecim pedum; habitu generali Orcæ quam alii alicui Delphini similior.

COLLEGIUM VENTRICOSUS

ANATOMIA

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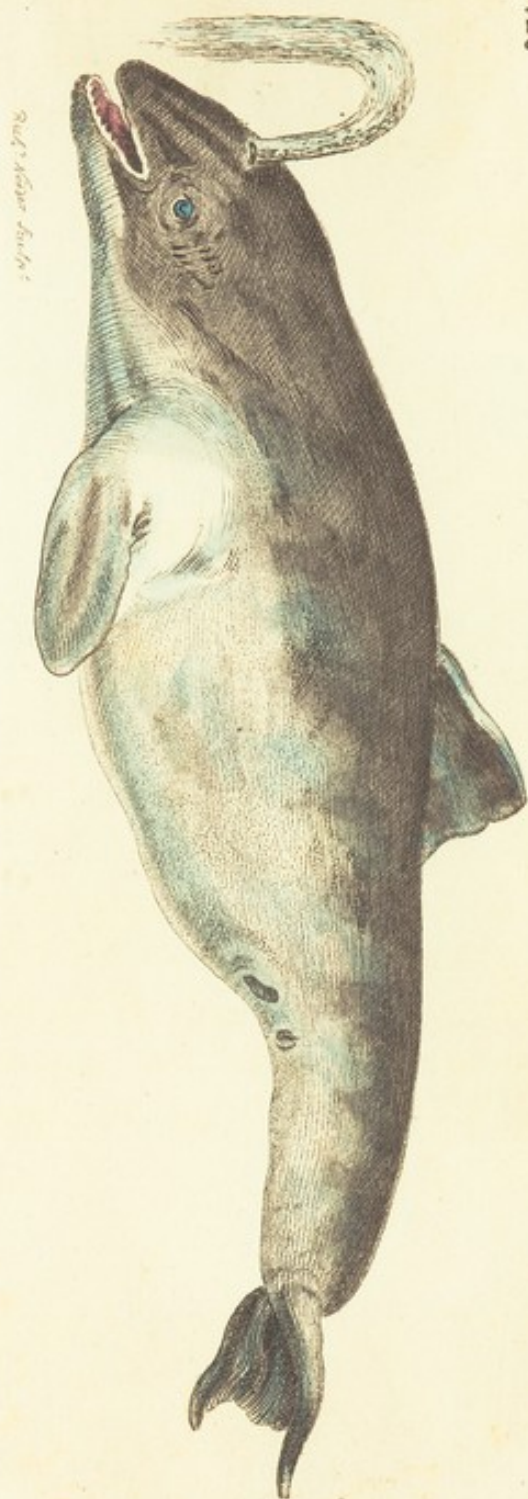
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Gadus rosmarus

THE
VENTRICOSE DOLPHIN.

GENERIC CHARACTER.

Teeth in both jaws.

Spiracle on the head.

SPECIFIC CHARACTER, &c.

Blackish Dolphin, white beneath, with rounded snout and very large abdomen.

A species of Grampus.

Hunter Phil. Trans. vol. 77. pl. 17.

Le Dauphin ventru.

Cepede cétacées, p. 311. pl. 15.
f. 3.

This species was first described by Mr. Hunter in the Philosophical Transactions. It has been observed of the length of eighteen feet, and in general appearance is more nearly allied to the Grampus than to any other kind of Dolphin.

WHITEHOSE DOLPHIN.

Lagenorhynchus alba

For the description

See in both parts
of the work.

See also in the

Blackish Dolphin, which is not
mentioned in the

A species of

See also in the

The Dolphin

See also in the

See

of the species and that it is not the same as the
one described in the work. It has been observed
in the mouth of the Atlantic Ocean, and in several other
places. It is now nearly extinct in the Atlantic Ocean.
Other kinds of the same.

CUCULUS AURATUS.

CHARACTER GENERICUS.

Rostrum teretiusculum.

Nares margine prominulæ.

Lingua sagittata, plana, integra.

Pedes scansorii.

Lin. Syst. Nat.

CHARACTER SPECIFICUS, &c.

Cuculus viridi-aureus, subtus albus, capite albo striato, remigibus rectricibusque exterioribus albo maculatis.

Cuculus auratus. C. cauda cuneiformi, corpore supra viridi-aureo subtus albo, capite striis quinque albis, rectricibus duabus extimis latere exteriori omnibus apice albis.

Lath. ind. orn.

Cuculus auratus magnitudine fere alaudæ communis, in Africa generatur interiori. Nomen habet a splendore plumarum : qui tamen plus minusve aureus.

THE
GILDED CUCKOW.

GENERIC CHARACTER.

Bill somewhat bending.
Nostrils bounded by a small rim.
Tongue short, sagittated.
Feet scansorial.

SPECIFIC CHARACTER, &c.

Gold-green Cuckow, white beneath ; with the
head striped and the exterior quill and
tail-feathers spotted with white.

Coucou vert doré et blanc.

Buff. ois. 6. p. 385.

Coucou verd du Cap de bonne-Esperance.

Pl. Enl. 657.

Gilded Cuckow.

Lath. syn.

This beautiful bird is about the size of a Lark, and is an inhabitant of the lower parts of Africa. In its colours it occasionally varies, exhibiting more or less of the golden brilliancy of plumage from which it derives its name.

SCARABÆUS TORQUATUS.

CHARACTER GENERICUS.

Antennæ clavatæ, capitulo fissili.

Tibiæ anticæ sæpius dentatæ.

Lin. Syst. Nat.

CHARACTER SPECIFICUS, &c.

Scarabæus scutellatus lævis viridis, thorace antice fulvo-ferrugineo, abdomine postice macula duplici argentea.

Scarabæus torquatus.

Drury ins. 3. t. 44. f. 1.

Scarabæum torquatum, in Africa superiori generatum, primus, ni fallor, descripsit Dominus Drury. Tabula monstrat veram magnitudinem.

SCARABAEUS TORQUATUS

CHARACTERES

CHARACTERES

Abdomen clavatum, capitulo basali.

Tibiae anteriores apicibus dentatis.

Long. 3.5-4.5 mm.

CHARACTERES

Scutellum scutellum latius vixit, thorace an-

ticis inflexis, antennis, ad pedes, pedibus

antennis dupli-
catum.

Scutellum torquatus.

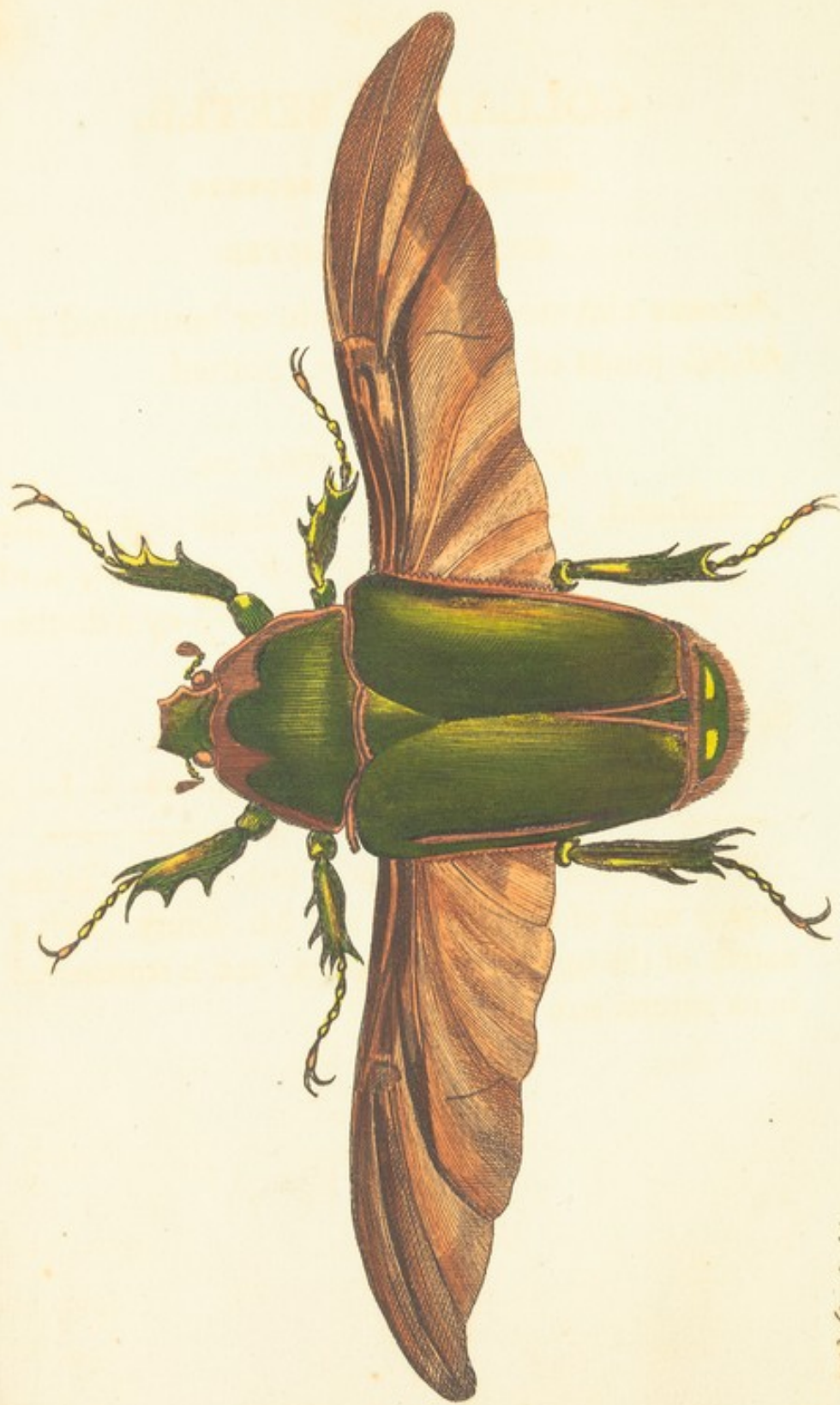
Long. 3.5-4.5 mm.

Scutellum torquatus, in Africa septentrionali

tum, parvus, in Italia, descriptus, Linn.

Tabula monum. in adnotandum.

1030



Rich. Storer Sculp.

THE
COLLARED BEETLE.

GENERIC CHARACTER.

Antennæ clavated with a fissile or laminated tip.
Middle joints of the fore-legs toothed.

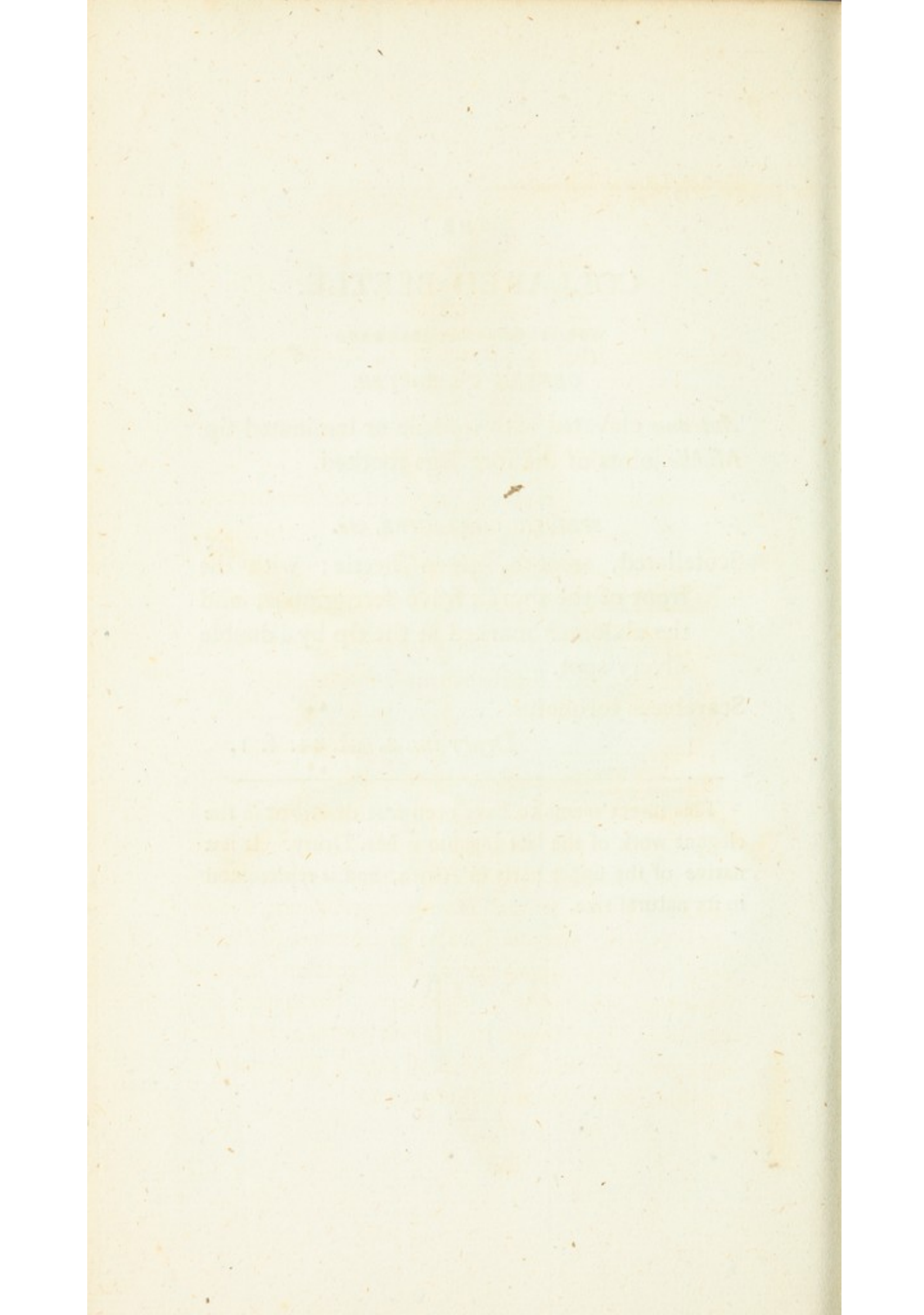
SPECIFIC CHARACTER, &c.

Scutellated, smooth, green Beetle; with the front of the thorax fulvo-ferruginous, and the abdomen marked at the tip by a double silvery spot.

Scarabæus torquatus.

Drury ins. 3. pl. 44. f. 1.

This insect seems to have been first described in the elegant work of the late ingenious Mr. Drury. It is a native of the upper parts of Africa, and is represented in its natural size.



THE
OFFICINAL SCINK.

GENERIC CHARACTER.

Body elongated, four-footed, tailed; without any secondary integument.

SPECIFIC CHARACTER, &c.

Yellowish-brown Lizard, with transverse brown bands on the upper part, short tail with compressed tip, and upper jaw longer than the lower.

The Common or Officinal Scink.

The Common or Officinal Scink is a native of many of the Eastern parts of the world, and is common in Egypt, Arabia, Lybia, and Syria. It is usually found in dry sandy soils, and grows to the length of seven, eight, or even ten inches: the whole animal is of a pale yellowish-brown colour, marked by several broad, distant, transverse dusky stripes or bands, and is covered with middle-sized fish-like scales of a smooth and glossy surface. It is an animal of a harmless nature, and supports itself on the various insects which wander about the regions it inhabits. The Scink was once celebrated for its medicinal powers in various disorders; but the more illuminated cast of modern practice seems to have utterly exploded these imaginary virtues.

CORYPHÆNA PENTADACTYLA.

CHARACTER GENERICUS.

Caput maxime truncato-declive.

Membr. branch. radiis quinque.

Pinna dorsalis longitudine dorsi.

CHARACTER SPECIFICUS, &c.

Coryphæna quinque-maculata. *C.* subfusca,
subtus argentea, maculis utrinque versus
caput quinque nigris.

Gen. Zool. 4. p. 218.

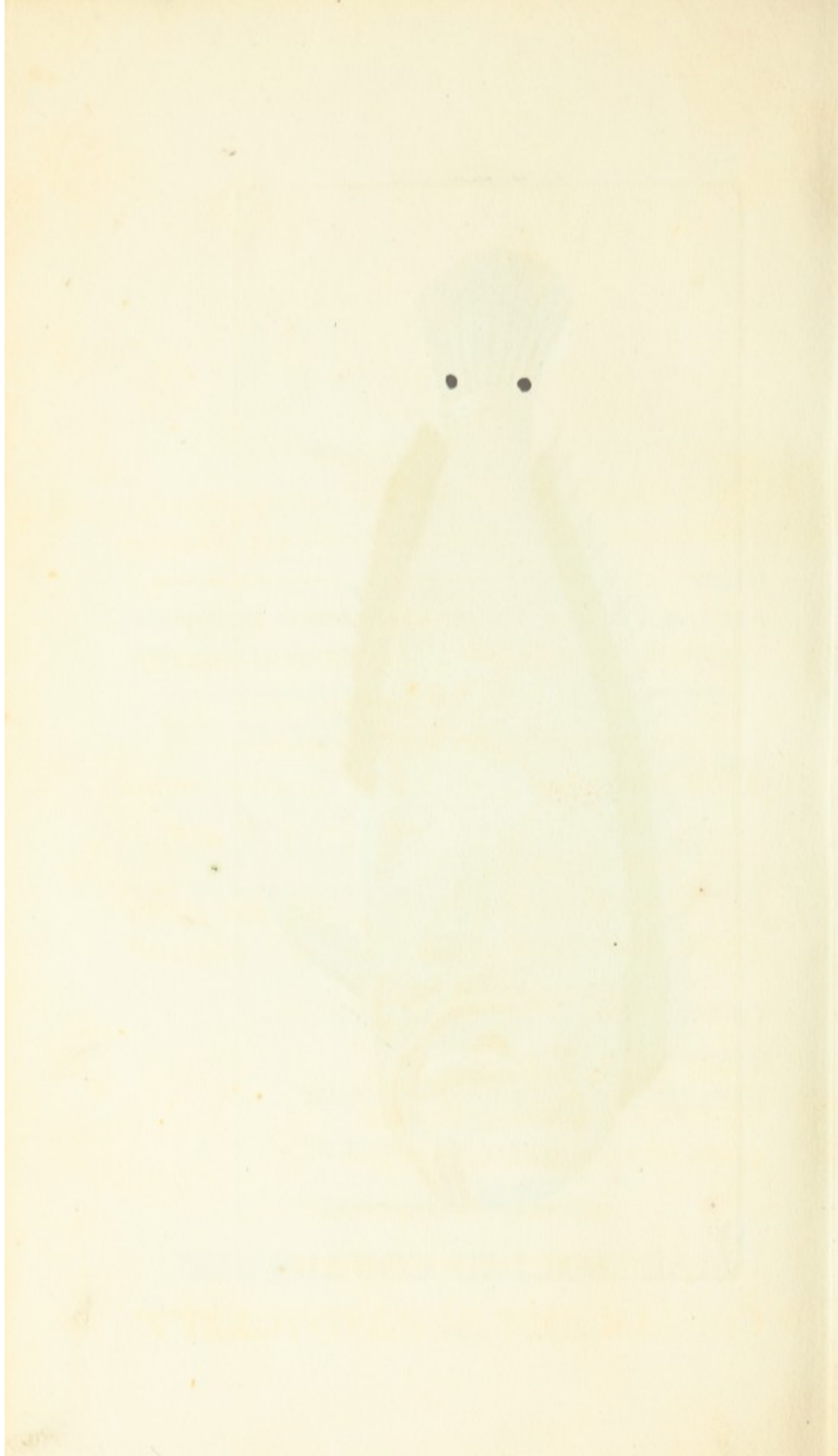
Coryphæna pentadactyla. *C.* maculis quinque
nigris versus caput longitudinalibus.

Lyn. Syst. Nat.

Coryphæna cauda æquali, pinnæ dorsi radiis 21.

Bloch. ichth. t. 173.

In maribus Indicis innascitur *Coryphæna* pentadactyla, in pedalem vel sesquipedalem crescens longitudinem.



THE
FIVE-SPOTTED CORYPHENE.

GENERIC CHARACTER.

Head sloping suddenly downwards.

Gill-membrane five-rayed.

Dorsal fin the length of the back.

SPECIFIC CHARACTER, &c.

Brownish Coryphene, silvery beneath, with five
black spots on each side towards the head.

Gen. Zool. 4. p. 218.

Das Sechsauge.

Bloch. ichth. pl. 173.

This species is an inhabitant of the Indian seas,
where it grows to the length of twelve or eighteen
inches.

THE

FIVE-SPOTTED CORYPHÆNE

SYNOPSIS

CHARACTERISTICS

Head sloping suddenly downwards.

Gill openings five-spotted.

Dorsal fin the length of the body.

Relative measurements are

Body length 1.5, depth 0.5, head 0.5, eye 0.5, p. 218.

Black spots on each side towards the head.

Gill rays 4, p. 218.

Dorsal fin 1.5

Anal fin 1.5

This species is so abundant in the Indian seas

that it grows to the length of twelve or fifteen

inches.

APPENDIX

(continued from page 100)

PLANTAS DE LA ZONA

Encontramos en esta zona las siguientes plantas:

1. *Quercus agrifolia* (Quercus)

2. *Pinus ponderosa* (Pino)

3. *Juniperus communis* (Juncos)

4. *Salix lasiolepis* (Sauce)

ANIMALES DE LA ZONA

Encontramos en esta zona los siguientes animales:

1. *Canis latrans* (Lobo)

2. *Urocyon v. baileyi* (Lobo)

3. *Procyon lotor* (Mapache)

4. *Neotoma lepida* (Mapache)

5. *Sciurus h. arizonae*

6. *Peromyscus truei*

7. *Thomomys talpae*

8. *Onychomys leucogaster*

Encontramos en esta zona los siguientes animales:

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4. *Neotoma lepida* (Mapache)

5. *Sciurus h. arizonae*

6. *Peromyscus truei*

7. *Thomomys talpae*

8. *Onychomys leucogaster*



THE
RED PARTRIDGE.

GENERIC CHARACTER.

Bill convex, moderately stout.

Nostrils surrounded by a rising margin.

Orbits papillose.

Legs naked, and generally spurred.

SPECIFIC CHARACTER, &c.

Ash-grey Partridge, with white throat bounded by a black crescent; the sides of the body barred with black crescents, and red bill and legs.

Greek or red Partridge.

Lath. syn.

Red-legged Partridge.

This elegant bird, which is somewhat larger than the common or grey Partridge, is a pretty general inhabitant of the Old Continent, and is principally observed in dry, rocky, woody, and mountainous regions. It is particularly common in Greece and the Grecian islands; and occurs, with some variations, in many of the more northern parts of Europe, but is not a native of our own island. It is of a gregarious nature, and is often seen in vast numbers on the same spot.

SPARUS PAVO

CHARACTER GENERIS

CHARACTER SPECIES

Dentes validi: Eminentia in alba ordine sinistrali,
in alio ordine, triplici, vel quadruplici
dispositi.

Males (pharynx) validi, convexi, lateres, in
serie dispositi, et quasi pavimento in
se alternantes.

Lobus ciliaris: Operculi nuda, squamosa.

CHARACTER SPECIES

Sparus albidus, dorso sublimato, oculo triplici
nigro ad internos et ad caudae basin.

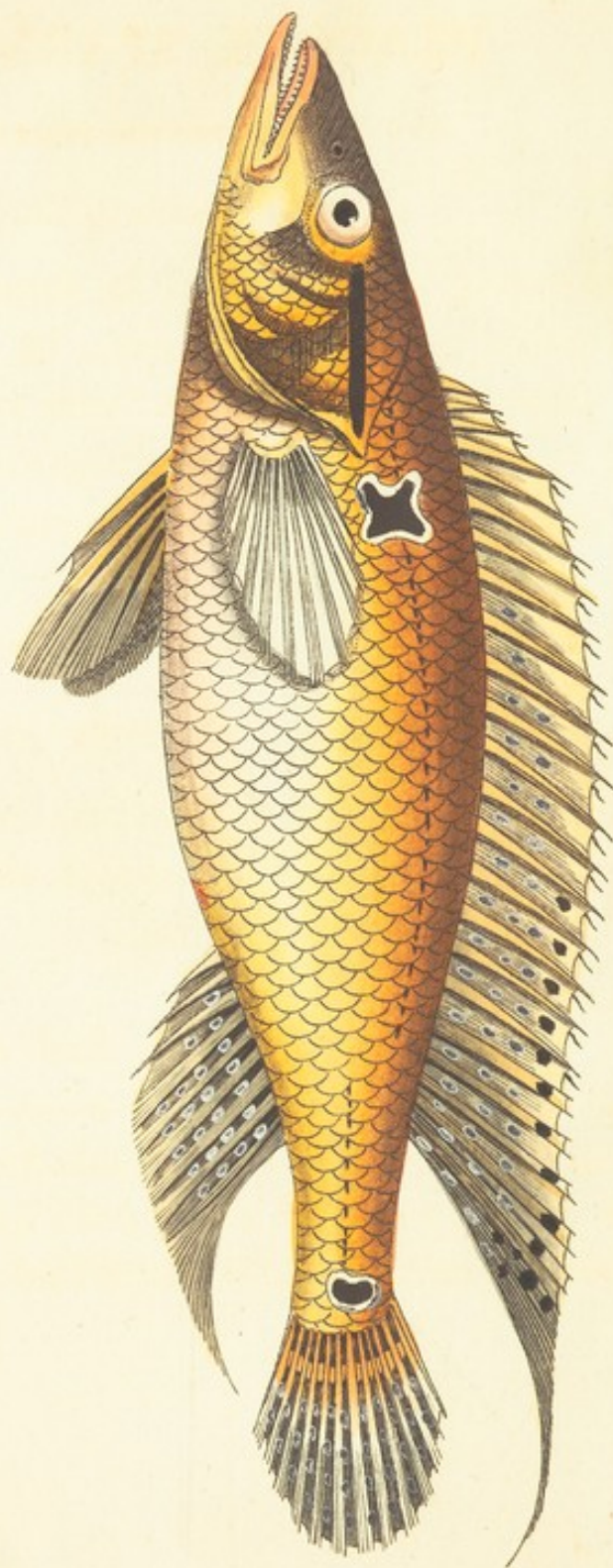
Sparus Pavo.

Gm. Nool. t. p. 499.

Petes saxatilis.

Black. Nool. t. 500.

Thunberg incolle, Aucto Americano Sparus Pavo,
longitudine quasi pedali. In cibo habetur lachrymans.



THE
PEACOCK SPARUS.

GENERIC CHARACTER.

Teeth strong : Front-teeth in some species disposed in a single row, in others in a double, treble, or quadruple row.

Grinders (in most species) convex, smooth, and disposed in ranges, forming a kind of pavement in the mouth.

Lips thick : *Gill-covers* unarmed, smooth, scaly.

SPECIFIC CHARACTER, &c.

Whitish Sparus, with brownish back, and an ocellated black spot on each side the shoulders and base of the tail.

Peacock Sparus.

Gen. Zool. 4. p. 449.

This fish is a native of the South-American rivers, arriving at the length of about twelve inches. It is in considerable esteem as an article of food.

PEACOCK SPARROW

Ammodramus coronatus

(Linn.) *Ammodramus*

Two strong: first, in some species of

peach in some parts of the country in a

double, in some parts of the country

and in some parts of the country, in some

parts of the country, in some parts of the

country, in some parts of the country

the country, in some parts of the country

the country, in some parts of the country

the country, in some parts of the country

the country, in some parts of the country

the country, in some parts of the country

the country, in some parts of the country

the country, in some parts of the country

This is a species of the South American

country, in some parts of the country

considerable extent in some parts of the

PAPILIO IDALIA.

CHARACTER GENERICUS.

Antennæ apicem versus crassiores, sæpius clavato-capitatae.

Alæ (sedentis) erectæ sursumque conniventes.
(Volatu diurno.)

Lin. Syst. Nat.

CHARACTER SPECIFICUS, &c.

Papilio alis primoribus aurantiis nigro maculatis, posterioribus atro-cæruleis gilvo maculatis, subtus maculis argenteis.

Papilio Idalia. P. alis dentatis fulvis nigro maculatis, subtus maculis 37 argenteis, posticis supra cæruleis albo punctatis.

Fabr. sp. ins. 2. p. 109.

Nymph. phaler.

Papilio Idalia.

Drury ins. 1. t. 13. f. 1. 2. 3.

Americæ septentrionalis varias regiones incolit Papilio Idalia, et magnitudine vera in tabula depingitur.

PATILLO IDALIA.

CHARACTER SPECIFICUS.

CHARACTER SPECIFICUS.

Antennae apicem versus cristatos; scapus clava-
to-capitatus.
Alae (sedentis) erectae submarginatae conniventes.
(Volanti diverg.)
Tarsus spinulosus.

CHARACTER SPECIFICUS.

Patillo alis primariis aurantio nigro macula-
tis, posterioribus atro-castaneis fulvo macu-
latis, coloris maculae nigrae.
Patillo Idalia. P. alis demum fulvis nigro
maculatis, notis maculae v. argenteae
notis superciliaribus albis punctatis.
Idalia p. n. 2. p. 100.
Museum Paris.

Patillo Idalia.

Drury in. p. 1. p. 1. 2. 3.

Americae septentrionalis varias regiones incolit. Pa-
tillo Idalia, et nebulosius vixit in insula depingunt.

1035



IDALIA.

GENERIC CHARACTER.

Antennæ generally thickening towards the extremities, and terminating in a clavated tip.

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

SPECIFIC CHARACTER, &c.

Butterfly with orange upper-wings spotted with black, and blackish-blue under-wings spotted with cream-colour, with silvery spots beneath.

Papilio Idalia.

Fabr. sp. ins. 2. p. 109.

Papilio Idalia.

Drury ins. 1. pl. 13. f. 1. 2. 3.

This insect is a native of many parts of North America, and is represented on the plate in its natural size.

THE
LEONINE MONKEY.

GENERIC CHARACTER.

Front-Teeth in each jaw four, placed near together.

Canine-Teeth solitary, longer than the others, distant from the grinders.

Grinders obtuse.

SPECIFIC CHARACTER, &c.

Brownish-olive Monkey, with whitish undulations, with long-haired shoulders, black face, ears and feet, and white nose.

Le Leoncito.

Humb. et Bonpl. Voy. Obs. Zool. &c.

This very small species of Monkey, which measures about seven inches from the tip of the nose to the beginning of the tail, is an inhabitant of the lower and hotter parts of South America, and was first described by the celebrated traveller Mons. Humdoldt. In its manners it resembles the rest of the smaller Monkies. Its colour is a brownish-olive, slightly waved or varied with whitish streaks on the upper parts; and the tail is of equal length with the rest of the animal.

ANAS SPONSA.

CHARACTER GENERICUS.

Rostrum lamelloso-dentatum, convexum, obtusum.

Linguae ciliata, obtusa.

Lin. Syst. Nat.

CHARACTER SPECIFICUS, &c.

Anas crista variegata dependente, pectore castaneo albo-maculato, hypochondriis albo nigroque lunulatis.

Anas Sponsa. *A.* crista dependente duplici viridi cæruleo alboque varia.

Lin. Syst. Nat.

In America tam septentrionali quam australi generatur formosissima hæc species; nec non in insulis nonnullis Indiæ occidentalis. Migrat huc illuc, mutata coeli temperie. Femina mare minor, fusca, subtus albida, nullo plumarum splendore superbit.



THE
SUMMER DUCK.

GENERIC CHARACTER.

Bill broad and flattened; the edges marked with sharp lamellæ.

Tongue broad, and ciliated at the edges.

SPECIFIC CHARACTER, &c.

Duck with pendent variegated crest, chesnut breast spotted with white, and side-feathers lunulated with black and white.

The Summer Duck of Catesby.

Edw. pl. 101.

This most beautiful species is an inhabitant of many parts both of North and South America, migrating, according to the diversity of seasons, from one region to another. It is also found in some of the West Indian islands. The female is smaller, of a brown colour, and without any of that gaiety of plumage which so elegantly distinguishes the male.

LABRUS ANNULATUS.

CHARACTER GENERICUS.

Dentes robusti, subacuti : molares interdum, ut in *Sparis*, conferti, convexi: *labia* crassa, duplicata: *pinnæ dorsalis* radii in certis speciebus ramento elongati.

Opercula mutica, squamosa.

CHARACTER SPECIFICUS, &c.

Labrus annulatus. *L. pallidus*, squamis minutis, fasciis utrinque novendecim fuscis, cauda subtriloba.

Gen. Zool. 4. p. 497.

Labre anele.

Cepede.

Maria incolit Indica *Labrus annulatus*, longitudine quasi pedali.

LABRUS ANNULATUS.

DESCRIPTION.

CHARACTER GENERALIS.

Dentis robustis, subaequalibus: molares interdum, ut
in *Sparis*, confecti, convexi: *Labris* crassis,
duplicata: *maxilla* rari in *ceris* spe-
cies *ruminis* elongati.

Opercula unica, *adumbrata*.

CHARACTER SPECIFICUS, &c.

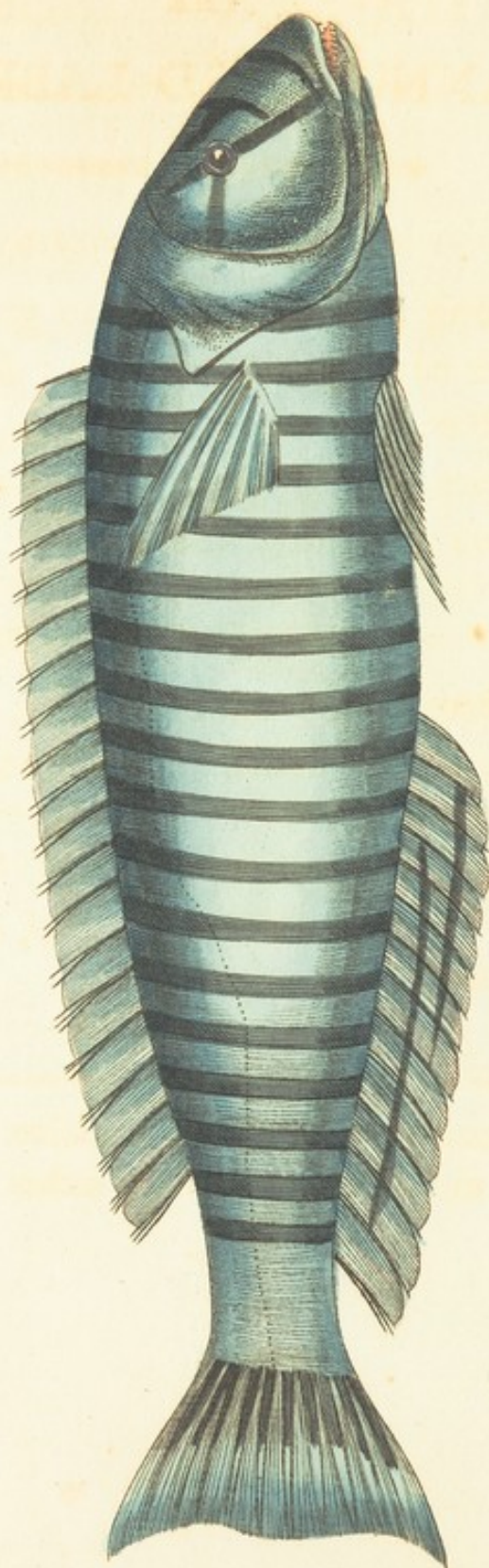
Labrus annulatus. L. pallidus, *adumbratus* rari-
tis, fasciis utrinque novendecim fasciis,
cauda subtriloba.

Gen. Zool. 4. p. 107.

Labrus annulus.

Cope.

Maria incolit *India* *Labrus annulatus*, *longirostris*
quasi *pedalis*.



W. A. S. P.

SPHINX PANDION.

CHARACTER GENERICUS.

Antennæ subprismaticæ, utroque fine attenuatæ.

Lingua exserta (plerisque).

Palpi duo reflexi.

Alæ deflexæ.

CHARACTER SPECIFICUS, &c.

Sphinx alis integris, superioribus olivaceis cano
lineatis, inferioribus luteis nigro maculatis.

Sphinx Pandion.

Cram. t. 321. f. A.

Surinamiam incolit Sphinx Pandion, et magnitudine vera in tabula depingitur.

SPHINX PANDION.

CHARACTERES SPECIFICI.

CHARACTERES GENERALES.

Alae submarginatae, nigras has attenuatas.
Ligula exserta (breviter).
Palpi duo reflexi.
Alae deflexae.

CHARACTERES SPECIFICI, &c.

Sphinx alis integris, superioribus olivaceis cano
lineatis; inferioribus luteis nigro maculatis.
Sphinx Pandion.

Gram. t. 321. f. A.

Summum incole Pandion, et magni-
tudine veni in tabula designatur.

SPHINX PANDION

SPHINX PANDION

GENERAL CHARACTER

Antennae subpinnate, attenuated at apex.
Tarsus (generally) extended.
Wings deflexed.

SPHINX PANDION

Sphinx with entire wings, the upper part
olive-green, lined with grey; the lower
yellow, spotted with black.

SPHINX PANDION

This insect is a large, robust, and is re-
sented on the plate in its natural state.

ASTERIAS SCOLOPENDROIDES.

CHARACTER GENERICUS.

Corpus depressum ; crusta subcoriacea, tentaculis muricata.

Os subtus, centrale, quinquevalve.

CHARACTER SPECIFICUS, &c.

Asterias ferruginea, corpore orbiculari, radiis quinque gracilibus spinosis, spinis asperis diametro radii longioribus.

Asterias ciliaris ? *A. radiata imbricata*, radiis utrinque ciliatis.

Lin. Syst. Nat.

Link t. 34. f. 56. &
t. 37. f. 65. 66.

Magna est *Asteriæ scolopendroidis* copia in variis litoribus septentrionalis Europæ ; nullibi major quam in oris Britannicis. In numero est minorum specierum. Color generalis fusco-ruber seu ferrugineus, interdum, quod et aliis congeneribus accidit, in fuscum, violaceum, seu virescentem convertitur. *Asteriæ aculeatæ* conjunctior videtur quam alii alicui ; ab hac tamen facile dignosci possit spinis longioribus et asperis.

THE
SCOLOPENDROID STAR-FISH.

GENERIC CHARACTER.

Body depressed, covered with a sub-coriaceous
crust muricated with tentacula.

Mouth beneath, central, five-valved.

SPECIFIC CHARACTER, &c.

Ferruginous Star-Fish, with orbicular body
and five slender spiny rays; the spines
rough, and longer than the diameter of
the ray.

Slender-Limbed Spiny Star-Fish.

This, which is among the smaller species of the
genus *Asterias*, is by no means uncommon about the
coasts of the northern parts of Europe, and of our own
island in particular. Its general colour is dusky red or
ferruginous, but, like most others of the genus, it va-
ries; being sometimes brown, violet-coloured, or
greenish. It seems most allied to the *Asterias acu-
leata*, from which it may easily be distinguished by
the length and roughness of its spines.

BOLOPHENDROID STAR-FISH.

BOLOPHENDROID

GEN. AND CHARACTER.

Body depressed, covered with a sub-coriaceous

grain marked with tentacles.

Almost perfectly circular, five-angled.

SPECIES DESCRIBED.

Bolo-phendroid star-fish, with orbicular body

and five slender rays from the angles

of a rough, and longer than the diameter of

the ray.

Stomach 1-inch long, 1/2 inch wide.

This species is one of the most common of the

genus, and is found in the most common of the

coasts of the British Isles, and of all the

coasts of the British Isles, and of all the

coasts of the British Isles, and of all the

coasts of the British Isles, and of all the

coasts of the British Isles, and of all the

coasts of the British Isles, and of all the

coasts of the British Isles, and of all the

ARDEA VIRGO.

CHARACTER GENERICUS.

Rostrum rectum, longum, acutum.

Nares lineares.

Lingua acuminata.

Pedes tetradactyli.

CHARACTER SPECIFICUS, &c.

Ardea cinereo-cærulescens, capite collo pectoreque nigris, crista utrinque postoculari recurvata nivea.

Ardea Virgo. A. superciliis albis postice retrorsumque longe cristatis.

Lin. Syst. Nat.

Asiana et Africana est species de qua jam loquimur, ciconia paulo gracilior, nec tamen multo minor. In Britanniam non raro defertur: cito mansuescit, et cum custodibus init familiaritatem et amicitiam. Eleganter incedit, mire variatis gestibus. Merito numeranda est *Ardea Virgo* in pulcherrimis congenere.

ARDEA VIRGO.

Ardea virgo, Linn.

Ardea virgo, Linn.

Ardea virgo, Linn.

Ardea virgo, Linn.

Ardea virgo, Linn.

Ardea virgo, Linn.

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Ardea virgo, Linn.

Ardea virgo, Linn.

Ardea virgo, Linn.



THE
NUMIDIAN CRANE.

GENERIC CHARACTER.

Bill strait, long, sharp-pointed.

Nostrils linear.

Tongue pointed.

Feet tetradactylous.

SPECIFIC CHARACTER, &c.

Blueish-grey Heron, with black head, neck,
and breast, and a snow-white recurved
crest behind each eye.

Demoiselle Heron.

Lath. syn.

The Demoiselle of Numidia.

Edw. pl. 134.

Dancing, or Numidian Crane.

The present species of Heron is a native of many parts of Asia and Africa, and is about the size of a Crane, but of a somewhat more slender shape: it is not unfrequently brought into this country, where it is easily tamed, and exhibits a considerable degree of attachment to its possessor. It is remarkable for the variety and singular elegance of its attitudes, and may be justly considered as one of the most beautiful birds of the genus to which it belongs.

SCIÆNA MACROLEPIDOTA.

CHARACTER GENERICUS.

Caput squamosum.

Pinnæ dorsales duæ, in fossula recondendæ.

Membr. branch. radiis sex.

CHARACTER SPECIFICUS, &c.

*Sciæna flava, fasciis transversis fusco-violaceis,
pinnis maculatis.*

Gen. Zool. 4. p. 543.

Sciæna macrolepidota. S. squamis magnis.

Bloch. ichth. 9. p. 35. t. 298.

Maria incolit Indica Sciæna macrolepidota, magnitudine quasi Percæ communis fluviatilis.

SCIENNA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

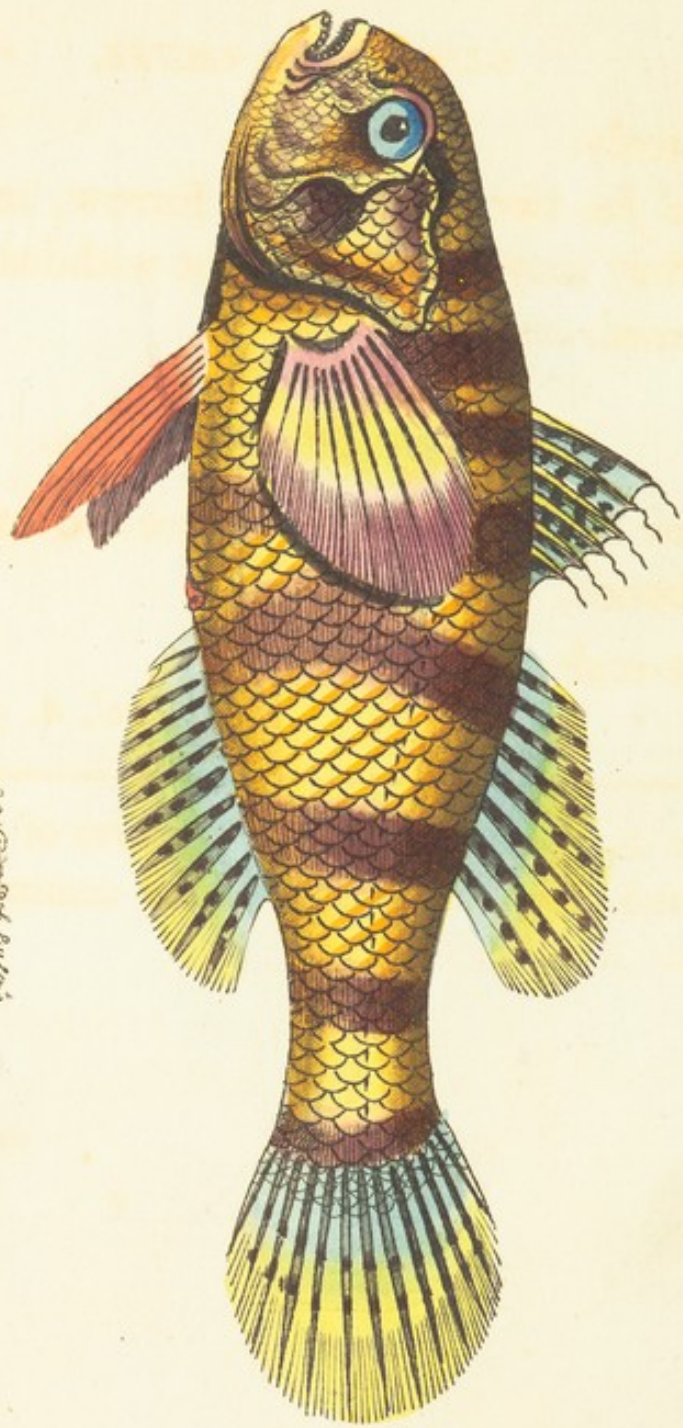
SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA

SCIENTIA MACROLEPIDOTA



Thalassoma kribia

THE
LARGE-SCALED SCIAENID

SCIAENIDAE

GENERIC CHARACTER

Head scaly.

Dorsal fin two, seated in a furrow, into which
they may occasionally be withdrawn.

Gill-membranes united.

GENERIC CHARACTER

Yellow Sciaenid, with transverse brownish-violet
bands, and spotted fins.

Large-scaled Sciaenid.

Gen. Zool. i. p. 242.

The large-scaled Sciaenid is a native of the Indian
seas, and grows to the size of the common or river
Perch.

PAPILIO POLYCHLOROS.

CHARACTER GENERICUS.

Antennæ apicem versus crassiores, sæpius clavato-capitatae.

Alæ (sedentis) erectæ sursumque conniventes.
(Volatu diurno.)

Lin. Syst. Nat.

CHARACTER SPECIFICUS, &c.

Papilio alis denticulatis aurantiis, primoribus maculis tribus punctisque quatuor nigris.

Papilio Polychloros. P. alis angulatis fulvis nigro maculatis, primoribus supra punctis quatuor nigris.

Lin. Syst. Nat.

Folia ulmi salicisque præcipue depascitur larva hujus papilionis, et in chrysalidem mense Junio convertitur, unde mense Julio erumpit insectum plene formatum.

PAPILLO FOI, YCHICROS

CHARACTERIS

CHARACTERIS

CHARACTERIS

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CHARACTERIS

1043



R. P. Moore Del. Sculp. S.

THE
GREAT TORTOISE-SHELL
BUTTERFLY.

GENERIC CHARACTER.

Antennæ thickening towards the end, and generally terminating in a clavated tip.

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

SPECIFIC CHARACTER, &c.

Butterfly with denticulated orange-coloured wings; the upper pair marked with three large and four small black spots.

Great Tortoise-shell Butterfly.

Alb. ins. pl. 55.

Roes. 1. pl. 2.

Merian ins. Eur. pl. 52.

The caterpillar of this insect feeds principally on the leaves of elm and willow, and changes to a chrysalis in the month of June, from which in July proceeds the Butterfly.

GREAT TORTOISE-SHELL BUTTERFLY.

SPERMATOPHYTES.

THE GREAT TORTOISE-SHELL.

Abundant throughout the island, and ge-
nerally remaining in a closed position.
Wings (when at rest) projecting forwards. Flight
diurnal.

SPECIFIC CHARACTER.

Butterfly with denuded orange-coloured
wings; the upper part marked with three
large and four small black spots.

Great Tortoise-shell Butterfly.

Length 1.5 in. Span 2.5 in.

Head 1.5 in.

Abundant in the island.

The caterpillar of this insect feeds principally on the
leaves of elm and willow, and changes to a chrysalis
in the month of June, from which in July issues
the Butterfly.

CONUS AMADIS.

Var.

CHARACTER GENERICUS.

Animal Limax.

Testa univalvis, convoluta, turbinata.

Apertura effusa, longitudinalis, linearis, edentula, basi integra.

Columella lævis.

Lyn. Syst. Nat. p. 1165.

CHARACTER SPECIFICUS, &c.

Conus testa pyramidata aurantio-fusca, fasciis latis saturatoribus albo variatis punctatisque.

Conus Amadis. C. testa dilute fusca, &c. &c.

Lin. Gmel.

Chemn. 10. t. 142. f. 1322.

1323.

Var. C. testa pyramidata lutea albo varia, fasciis duabus saturatoribus.

Pulcherrimum hoc conchylium, cujus imo colori albo superinjicitur saturator luteus, varietatem esse crediderim Coni Amadis. Verisimile est incolam esse maris Indici.

CONUS AMALDIS.

Nr.

oooooooooooo

CHARACTER GENERICO.

Testis linear.

Testis univalvis, convoluta, turbinata.

Apertura linear, longitudinalis, linearis, edent.

Testis, basi implexa.

Operculum linear.

Testis 3/4 lin. p. 1155.

CHARACTER SPECIFICUS.

Conus testis pyramidalis, cono-linear, linearis.

Testis univalvis, apertura linear, linearis, implexa.

Opercul.

Conus Amaldis, C. testis linear, testis 3/4 lin.

Lin. Gmel.

Conus testis 3/4 lin. p. 1155.

1755.

Testis C. testis pyramidalis, linear, testis 3/4 lin.

Testis linear, linearis.

Testamentum testis cono-linear, testis 3/4 lin.

Testis univalvis, linear, linearis, linearis.

Testamentum Conus Amaldis. Testamentum testis 3/4 lin.

Testis linear.

THE
AMADIS CONE.
Var.

GENERIC CHARACTER.

Animal resembling a Limax or Slug.

Shell more or less conic or pyramidal.

Aperture longitudinal, linear, without teeth,
entire at the base.

Pillar smooth.

SPECIFIC CHARACTER, &c.

Cone with pyramidal orange-brown shell, with
two broad deeper bands variegated and
speckled with white.

The Amadis Cone.

Conus, &c. &c.

Chemn. 10. t. 142. f. 1322. 1323.

Var. Cone with pyramidal gold-yellow shell
variegated with white, and with two
deeper coloured bands.

The Yellow Admiral.

L'Amadis jaune.

Knorr. 6. pl. 5. f. 3.

This beautiful shell seems to be a variety of the
Conus Amadis, and is distinguished by the peculiar
richness of its deep-yellow variegations on a white
ground. It is probably a native of the Indian seas.

CAPRIMULGUS CAYANUS.

CHARACTER GENERICUS.

Rostrum modice incurvum, minimum, subulatum, basi depressum.

Vibrissæ ad os serie ciliari.

Rictus amplissimus.

Lingua acuta, integerrima.

Lin. Syst. Nat. p. 118.

CHARACTER SPECIFICUS, &c.

Caprimulgus albido-ferrugineus nigro lineatus, gula alba, remigibus caudaque albo nigroque variis.

Caprimulgus Cayanus. C. rufo griseoque varius nigro undulato-lineatus, gula fasciaque alarum alba, temporibus rufis striis quinque nigris.

Lath. ind. orn.

Habenda est hæc avis in elegantioribus sui generis. In America australi generatur, sæpissime in Cayenna. Idem fere est ei ingenium quod caprimulgo Europæo. Vescitur variis insectis, et nocte sola ad volandum utitur.

CATIMULGUS GAYANUS

CHARACTERES

CHARACTERES

Adhuc nullus incertum, minimum, sedula

non, sed, sedula

Adhuc nullus incertum, minimum, sedula

Adhuc nullus incertum, minimum, sedula

Adhuc nullus incertum, minimum, sedula

Adhuc nullus incertum, minimum, sedula

CHARACTERES

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THE

WHITE-NECKED GOATSUCKER.

CHARACTERISTICS.

COLOURS AND MARKS.

Bill very small, slightly hooked, depressed at

the base, and lined with bristles.

Feet small, and sharp-pointed.

VOICE AND SOUNDS.

White-necked Goatsucker, with black

throat, white breast, and black neck

and tail.

Length 6.5 in. 6.5 in.

Wing 10.5 in. 10.5 in.

Tail 4.5 in. 4.5 in.

Weight 1.5 lb. 1.5 lb.

White-necked Goatsucker, with black

throat, white breast, and black neck

and tail.

Length 6.5 in. 6.5 in.

Wing 10.5 in. 10.5 in.

Tail 4.5 in. 4.5 in.

Weight 1.5 lb. 1.5 lb.

PAPILIO C-AUREUM.

CHARACTER GENERICUS.

Antennæ apicem versus crassiores, sæpius clavato-capitatae.

Alæ (sedentis) erectæ, sursumque conniventes.
(Volatu diurno.)

CHARACTER SPECIFICUS, &c.

Papilio alis angulato-dentatis subcaudatis fulvis nigro maculatis; posticis nigricantibus, subtus C aureo notatis.

Papilio C-aureum. P. alis angulatis fulvis nigro maculatis; posticis subtus C-aureo notatis.

Lin. Syst. Nat.

Papilio alis dentatis fulvis nigro maculatis; posticis subtus C-aureo notatis.

Smith. Ins. Amer. t. 11.

In Georgia et Virginia generatur Americana hæc species. Larva folia depascitur tiliæ albæ, et in chrysalidem Maio convertitur, unde insequente Junio erumpit ipse papilio.

PAPILIO C-AURUM

CHARACTER GENERIS

CHARACTER SPECIES

Antennae apice vix crassiores, apice clavo-capitate.
Alae (anterior) cretae, submarginibus connatis.
(Voluta dorsalis)

CHARACTER SPECIES

Papilio alis angulato-dentatis subcandatis fulvis
nigro maculatis; postica nigricantibus,
subtus C. aureo notatis.

Papilio C-aureum. P. alis angulatis fulvis
nigro maculatis; postica subtus C-aureo
notatis.

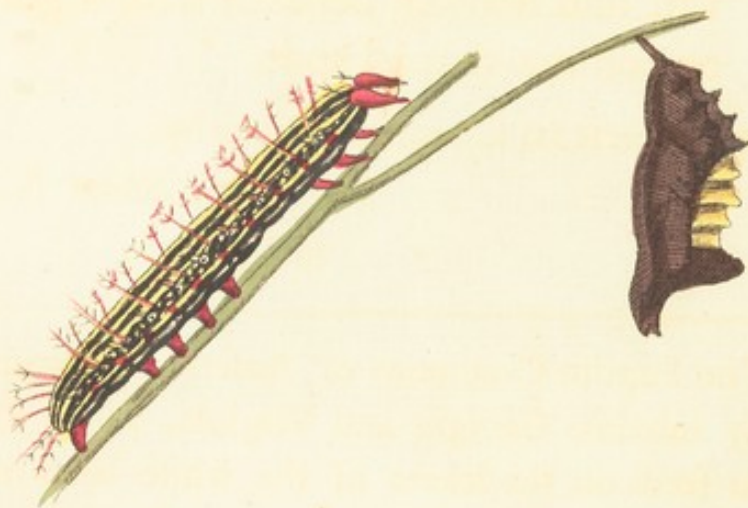
Lin. Sm. Nat.

Papilio alis decussatis fulvis nigro maculatis;
postica subtus C-aureo notatis.

Smith. Pan. Amer. t. 11.

In Georgia et Virginia generatur Americanae
species. Larva folia detrahitur alba, et in
subtus alba convertitur, unde insipiente larva
emittitque ipse papilio.

1046



THE
AMERICAN COMMA BUTTERFLY.

GENERIC CHARACTER.

Antennæ thickening towards the end, and terminating in a clavated tip.

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

SPECIFIC CHARACTER, &c.

Butterfly with angularly-indented fulvous wings spotted with black; the lower pair blackish, and marked beneath with a golden C, or comma-shaped spot.

The American Comma Butterfly.

Smith and Abbot N. Amer.

Ins. pl. 11.

The *Papilio C-aureum* or American Comma Butterfly inhabits Georgia and Virginia, where its caterpillar feeds on the leaves of the white lime-tree, and changes to a chrysalis in the month of May, from which in that of June emerges the complete insect.

SCIÆNA CORO.

CHARACTER GENERICUS.

Caput squamosum.

Pinnæ dorsales duæ, in fossula recondendæ.

Membr. branch. radiis sex.

CHARACTER SPECIFICUS, &c.

Sciæna argenteo-cærulescens, dorso subfusco, corpore utrinque striis octo transversis fuscis.

Gen. Zool. 4. p. 538.

Sciæna Coro. S. capite nudo, striis octo transversalibus.

Bloch ichth. 9. t. 307. f. 2.

Corocoro Brasiliensibus.

Marcgr. Bras. p. 177.

Will. ichth. p. 301. t. 18. f. 4.

Maria incolit Brasiliana Sciæna Coro, longa plerumque duodecim vel quindecim uncias.

SCIENTIA CORO.

CHARACTERES GENERALES.

Caput squamosum.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

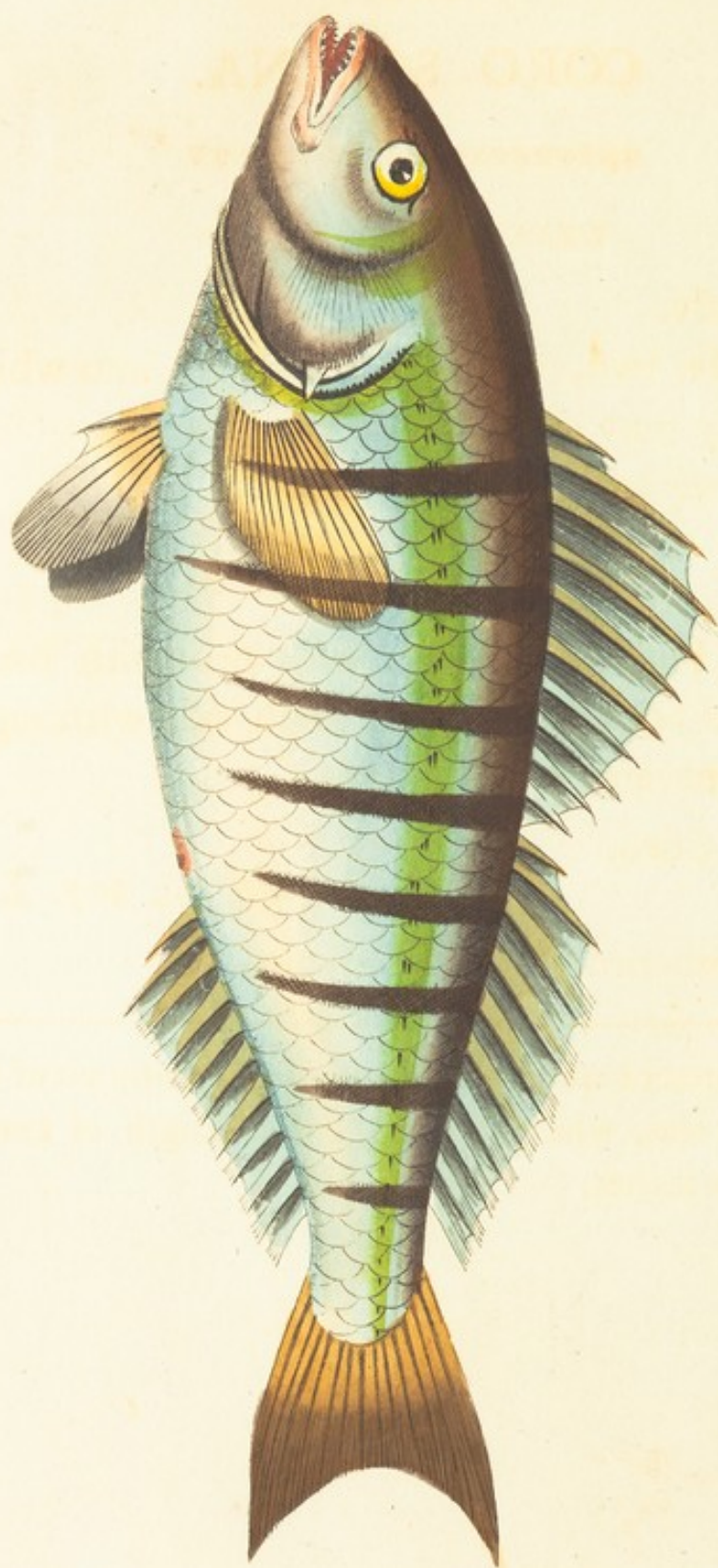
Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.

Pinnae dorsales duae, in foveola reconduntur.



SERTULARIA CEREOIDES.

CHARACTER GENERICUS.

Animal crescens plantæ habitu.

Stirps emittens e cellulis vel denticulis calyciformibus hydras.

Lin. Syst. Nat. Gmel. p. 3844.

CHARACTER SPECIFICUS, &c.

Sertularia ramosa prolifera, ramulis subcylindricis obtusiusculis.

Cellaria cereoides. *C. articulata* ramosa, articulis subcylindricis, osculis celiularum undique prominulis.

Soland. et Ellis Zooph. p. 26.

t. 5. f. b. B. &c.

Sertularia cereoides.

Lin. Gmel.

Circa litora Africana præcipue conspicitur *Sertularia cereoides*, altitudine tres vel quatuor uncias æquans.

ERTULIA CEREOIDES

CHARACTERES GENERALES

CHARACTERES SPECIFICI

Loc. nat. -

Formosae -

Formosae -

Formosae -

Formosae -

Formosae -

Formosae -

Formosae -

Formosae -

Formosae -

Formosae -

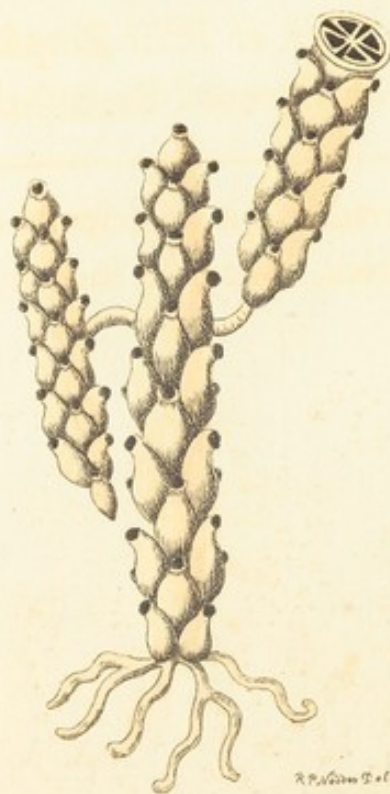
Formosae -

Formosae -

Formosae -

Formosae -

Formosae -



THE
CEREROID SERTULARIA.

GENERIC CHARACTER.

Animal growing with the appearance of a plant.
Stem emitting polypes from calycular cells or
denticles.

SPECIFIC CHARACTER, &c.

Ramified proliferous Sertularia, with subcylindrical subobtuse ramifications.

Torch-Thistle Cell-Coralline.

Sol. et Ellis Zooph. p. 26. pl. 5.

Torch-Thistle or Cereoid Sertularia.

The cereoid Sertularia is principally observed about the coasts of Africa, rising to the height of three or four inches.

COLYMBUS GLACIALIS.

CHARACTER GENERICUS.

Rostrum rectum, acutum, mandibulis lateribus
coarctatis.

Nares lineares.

Lingua longa, acuta, basi lateribus denticulata.

Crura compressa. Pedes tetradactyli, compe-
des, palmati, digito exteriori longiore,
postico parvo interiori membranula coa-
dunato.

Cauda brevis, viginti pennis constans.

Lath. ind. orn.

CHARACTER SPECIFICUS, &c.

Colymbus niger nitens, maculis quadratis albis;
subtus abus; collari albo nigro lineato.

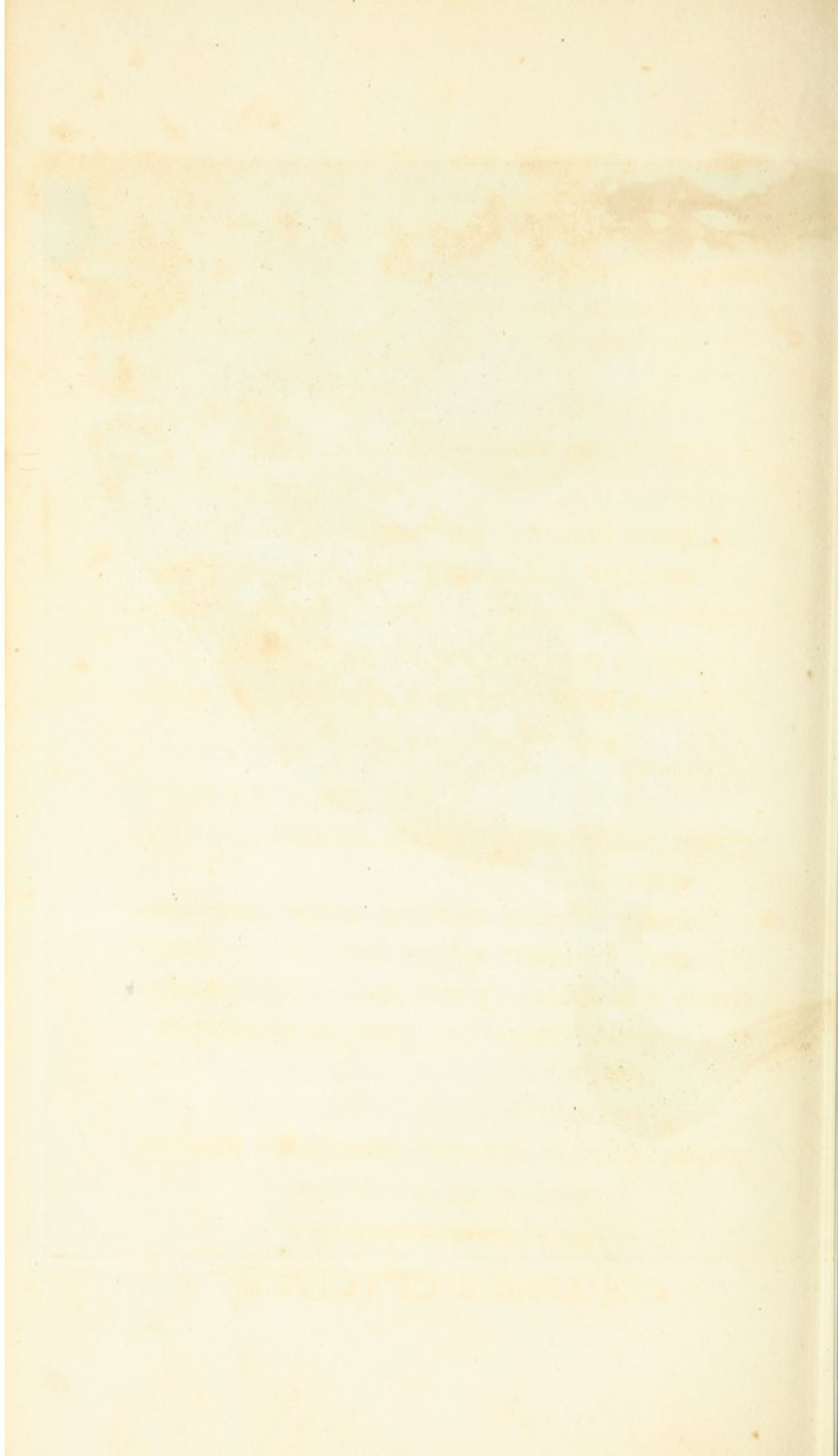
Colymbus glacialis. *C. pedibus palmatis tetra-*
dactylis, capite colloque nigro-violaceo,
fascia gulæ cervicisque alba interrupta.

Lin. Syst. Nat.

Colymbus maximus Ferroensis seu Arcticus.

Clus. exot. 102. *Worm.*
mus. 303.

Congenerum maximus *Colymbus glacialis* alitur
fere in omnibus Europæ septentrionalis partibus; bre-
vium, stagnorum majorum, et fluviorum incola. Ves-
citur piscibus et insectis aquaticis. Anserem superat
magnitudine, longus quasi tres pedes cum dimidio
pedis.





PAPILLO HUNTERA.

CHARACTERES GENERALES.

Animalis speciei versus clausura, angustia et
tubo-capitata.
Alia (sedens) erecta sursumque connata.
(Veniens diurna).
Lae. (V. N.).

CHARACTERES SPECIFICI.

Papilio Huntera. P. n. angustius folia alba
nigresque varia; pedibus subter albo-
culis occipite clausura.
Sunt alia in Huntera.

Papilio Huntera.

Lae. Huntera, angustia, etc.

Ob speciem quae ex latere pedum et alia
speciem istam versus clausura, angustia, etc.
speciem Huntera et alia phalaena, etc. etc.
que speciem praeparant. Alia tamen et alia
species; et speciem clausura, etc. etc.
speciem quae latere clausura, etc. etc.
alio speciem clausura, etc. etc.

In Georgia et Carolina praeparant Papilio Huntera.
Ista speciem tota praeparant clausura, etc. etc.
Clausura.



1050



Vanessa cardui L.

THE AMERICAN PAINTED LADY BUTTERFLY.

GENERIC CHARACTER.

Antennæ thickening at the end, and generally terminating in a clavated tip.

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

SPECIFIC CHARACTER, &c.

Butterfly with angulated fulvous wings, variegated with black and white; the lower pair reticulated with white beneath, and marked with two ocellated spots.

American Painted Lady Butterfly.

Smith. Abbot. N. Amer.

Ins. pl. 9.

So great is the general similarity between this and the European Butterfly, called *Papilio cardui*, or Painted Lady, that Linnæus and most other naturalists seem to have considered it as the same species. It has however been regarded as distinct by Fabricius, whose opinion is justified by an accurate collation of the European and American specimens; and, as a general or obvious mark of distinction, it may be observed, that the wings in the American insect are shorter and broader in proportion than in the European kind. It is found in the provinces of Georgia and Carolina, where its caterpillar feeds on different species of *Gnaphalium*.

THE AMERICAN PAINTED LADY BUTTERFLY.

GENERIC CHARACTER.

Antennae thickening at the end, and generally
terminating in a distinct ring.
Wings (fore and hind) marked with light
dorsal.

AMERICAN SPECIES.

Butterfly with irregularly spotted wings, vari-
gated with black and white; the lower
wing suffused with white beneath, and
marked with two or three spots.

American Painted Lady Butterfly.

Vanessa (Gonepteryx) io.
Linn. *io*.
Sw. *io*.
F. *io*.

The genus is the principal similarity between this and
the European *io*, which is called *io* in the
Painted Lady, *io* in the American and *io* in the European.
It has been so named in the American species.
It has however been called *io* by Fabricius and
whose opinion is followed by most of the collectors of
the European and American species; and as a
general or obvious mark of distinction, it may be ob-
served that the wings in the American insect are
shorter and broader in proportion than in the Euro-
pean kind. It is found in the mountains of Georgia
and Carolina, where its caterpillar feeds on different
species of Ceanothus.

CORALLINA INCRASSATA.

CHARACTER GENERICUS.

Animal? crescens habitu plantæ.

Stirps fixa. Rami articulati, ramulosi.

CHARACTER SPECIFICUS, &c.

Corallina incrassata. C. trichotoma articulata,
articulis compressis convexo-planis cunei-
formibus.

Lin. Syst. Nat. Gmel.

Corallina incrassata.

Soland. et Ellis Zooph. p. 111.

t. 20. f. d. d.

Ellis Corall. p. 53. t. 25.

f. a. b. c.

Circa litora insularum Americanarum non raro conspicitur Corallina incrassata, cujus veram magnitudinem cernere est in tabula.

THE
JOURNAL
OF
THE
AMERICAN
MEDICAL
ASSOCIATION
PUBLISHED WEEKLY
CHICAGO, ILL.
1914

THE
THICK-LEAVED CORALLINE.

GENERIC CHARACTER.

Animal? growing in the form of a Plant.

Stem fixed: branches jointed and subdivided.

SPECIFIC CHARACTER, &c.

Trichotomous jointed Coralline, with compressed, plano-convex cuneiform joints.

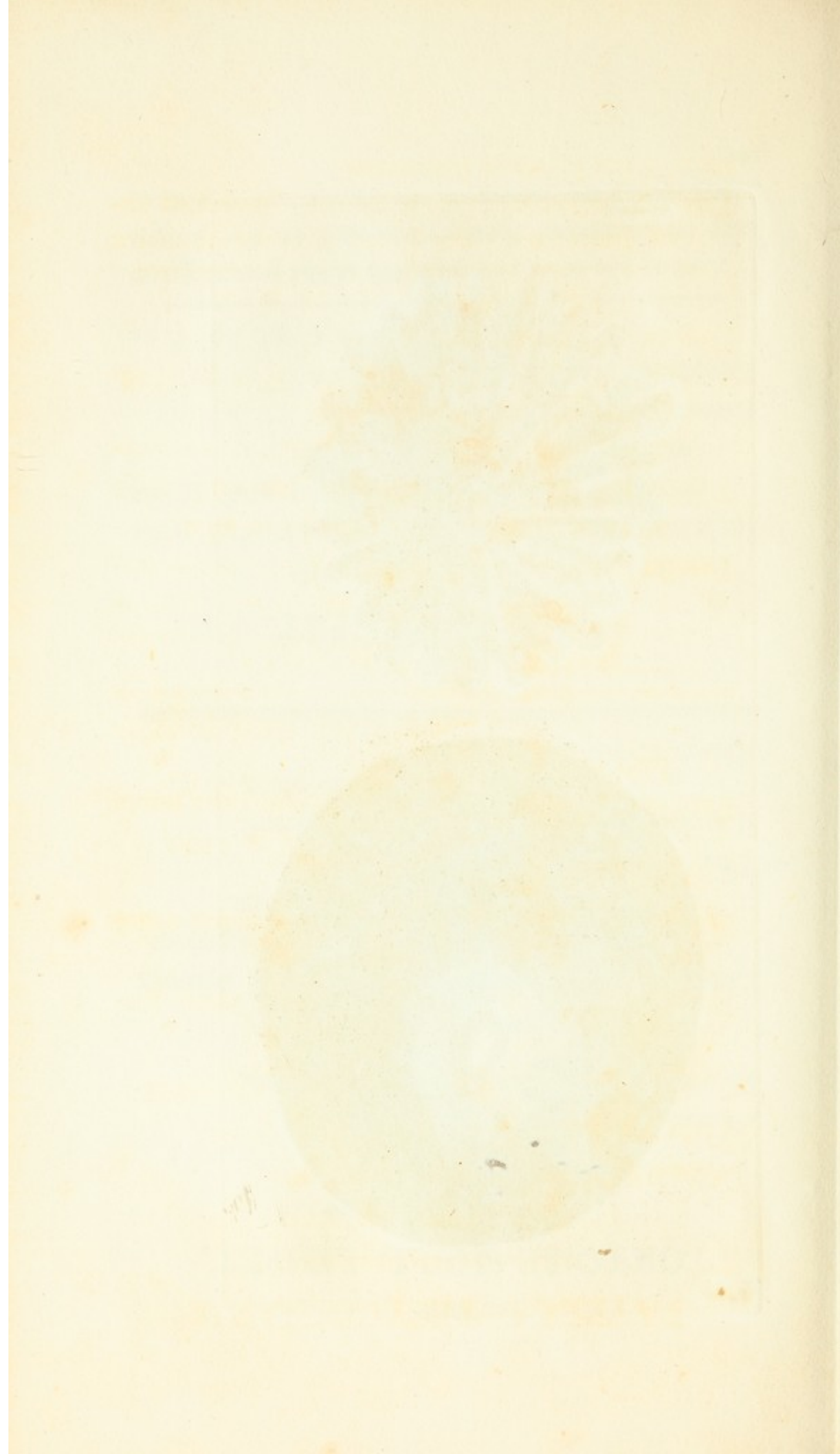
Fleshy Coralline.

Solander et Ellis Zooph. p. 111.

pl. 20. f. d. D.

Ellis Corall. p. 53. f. A. a.

This species of Coralline is by no means uncommon on the shores of the American islands, and is represented in its natural size.



CAPRIMULGUS VOCIFERANS.

CHARACTER GENERICUS.

Rostrum modice incurvum, minimum, subulatum, basi depressum.
Vibrissæ ad os serie ciliari.
Rictus amplissimus.
Lingua acuta integerrima.

CHARACTER SPECIFICUS, &c.

Caprimulgus vociferans. C. griseus, lunula gulari albida, subtus ochraceus fusco lineatus, alis ferrugineis nigro nebulosis.

Caprimulgus vociferus.

Wilson Amer. Orn. 5. pl. 4.

Americæ septentrionalis plerasque regiones æstivo tempore incolit Caprimulgus vociferans. Hunc cum specie diversa confudisse videntur ornithologi. Vocem emittit insigniter resonam, quam montibus et sylvis re-percussam si audierint novi advenæ, somnos adimere dicitur nimius et insolitus cantus. Speciem accurate descripsit ingeniosus Wilsonus, a quo discimus interdum rarissime et non nisi fortuito conspici, vescique, aliorum more congenerum, phalænis majoribus, gryllis, formicis, et insectis quæ plurima reperiuntur in putridis et effoetis arboribus. Admonet porro Wilsonus feminam mari esse minorem seu breviorē, coloribus paulo pallidioribus.



THE
VOCIFEROUS GOATSUCKER.

GENERIC CHARACTER.

Bill very small, slightly hooked, depressed at the base, and ciliated with bristles.

Gape very wide.

Tongue entire, and sharp-pointed.

SPECIFIC CHARACTER, &c.

Grey Goatsucker, with whitish gular crescent, beneath ochre-coloured with brown lineations, and ferruginous wings clouded with black.

Caprimulgus vociferus, or Whip-Poor-Will.

Wilson Amer. Zool. 5. pl. 4.

The present bird, hitherto confounded by ornithologists with a different species, is an inhabitant, during the summer months, of most of the United States of North America, and is remarkable for the loudness of its notes, which, echoing from the woods and mountains, are said to prevent those from sleeping who have not been accustomed to the sound. The ingenious Mr. Wilson, in his work entitled American Ornithology, has accurately described this species, and observes, that it is never seen in the day-time, except in particular circumstances; and that its food, like that of the rest of this genus, consists of large moths, grasshoppers and ants, as well as of other insects frequenting old and decaying trees. Mr. Wilson adds, that the female is rather smaller or shorter than the male, and of somewhat paler colours.

THE
FULLER BEETLE.

GENERIC CHARACTER.

Antennæ clavated with a fissile or laminated tip.

Middle joints of the fore-legs toothed.

SPECIFIC CHARACTER, &c.

Chesnut-brown Beetle, whitish beneath, with the wing-sheaths irregularly varied and speckled with white.

The Great Dor, or Fuller Beetle.

The Marbled Beetle.

This elegant insect is a native of many of the temperate parts of Europe, but is very rarely seen in our own island. The plate represents it in its natural size. The male is distinguished from the female by the far larger size of its laminated antennæ.

THE
FOREIGN
FULLER BEETLE.

GENERAL CHARACTER.

Antennae clavated with a beille or laminated

tip.

Middle joint of the legs beilled.

Length of antennae, &c.

Clavus brown, beilled, whitish beneath, with

the wing-stem, irregularly varied and

speckled with white.

The Great Dot, or Fuller Beetle.

The Marbled Beetle.

The elegant insect is a native of many of the warm

parts of Europe, but is very rarely seen in our

own kind. The plate represents it in its natural size.

The male is distinguished from the female by the far

larger size of its hindmost antennae.

GORGONIA LEPADIFERA.

CHARACTER GENERICUS.

Animal crescens plantæ facie.

Hydræ sparsæ e poris lateralibus.

Stirps radicata, cornea, continua, ramosa, basi explanata, cortice obducta.

CHARACTER SPECIFICUS, &c.

Gorgonia dichotoma, floribus confertis campanulatis squamosis albis.

Gorgonia dichotoma, floribus sparsis confertis reflexis companulatis imbricatis.

Lin. Syst. Nat. Gmel.

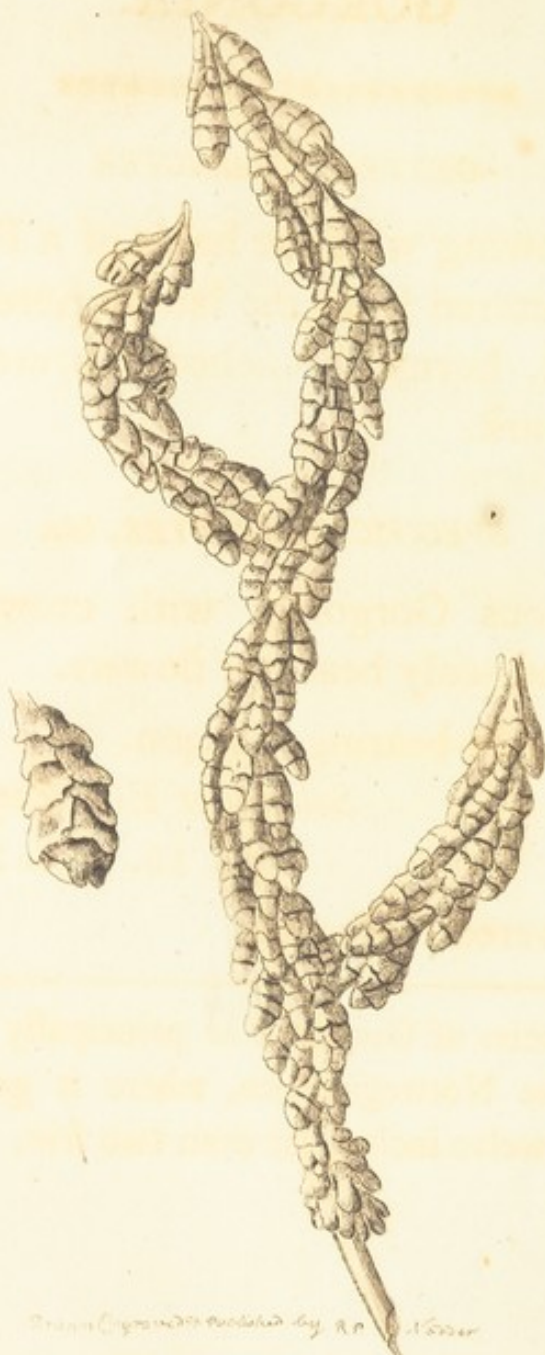
Müll. Zool. Dan.

Gorgonia dichotoma, osculis confertis reflexis campanulatis imbricatis, carne squamulis albis obducta, osse in ramulis majoribus testaceo, in minoribus corneo.

Soland. et Ellis Zooph. p. 84.

t. 13. f. 1. 2.

Super rupes maris Norvegici præcipue conspicitur *Gorgonia lepadifera*, altitudine interdum pedali vel etiam bipedali.



Drawn by J. G. Smith, colored by R. P. S. 1855

THE
BARNACLE-BEARING
GORGONIA.

.....

.....

Annual growing with the help of a plant.
Pores scattered from the lateral pores.
Stem fixed, horny, branched, covered with a
soft hair.

.....

Dichotomous Gorgonia, with crowded bell-
shaped scaly heads of flowers.

The Barnacle-bearing Gorgonia.

.....

Scaly-headed Gorgonia.

The species of Gorgonia is principally seen on the
rocks of the Norwegian sea, where it grows to the
height of twelve inches or even two feet.

KURTUS INDICUS.

CHARACTER GENERICUS.

Corpus latum, utrinque carinatum, dorso elevato.

Membr, branch. radiis duobus.

Gen. Zool. 4. p. 185.

CHARACTER SPECIFICUS, &c.

Kurtus Indicus. K. argenteus, dorso aureo.

Gen. Zool. 4. p. 185.

Kurtus Indicus.

Bloch. t. 169.

Maria incolit Indica piscis in tabula depictus, et in longitudinem pedalem vel sesquipedalem crescit.

KURTUS INDIUS.

CHARACTERES GENERALES.

Corpus latum, utrinque carinatum, dorso ele-

vato.

Alabastrum, lenticulae, radiis duobus.

Gen. Zool. 4. p. 181.

CHARACTERES SPECIFICI.

Kurtus Indicus. K. argenteus, dorso nudo.

Gen. Zool. 4. p. 181.

Kurtus Indicus.

Tab. 4. c. 109.

Notandum: Kurtus Indicus, qui in Tabula 4. c. 109. et in
Tabula 4. c. 110. est depictus, non est Kurtus Indicus.



1056

et tres quadrantes æquat : si ab initio frontis fiat mensura, quinque uncias et tres quadrantes. Habitu seu facie generali ad *Pinguinarias* quodammodo accedit, vestitu *Casuarium australem* magnopere refert. Caput parvum. Collum modicum. Crura, non aliter quam in *Pinguinariis* sita, brevia et valida, sex uncias a genu ad extremum unguis medii sunt longa. Pedes digitis tribus anticis instruuntur, unicoque brevissimo subinteriore postico ; quorum omnes ungue muniuntur valido et acuto, fere unciali illo qui digiti est medii. Tota pedum conformatio gallinacea est. Nullum est caudæ vestigium ; et alarum loco (si fraus absit, nullam enim detegere possum) parvulus utrinque est artichulus quasi uncialis, subtus plumis rarissimis marginatus, cujus apex unguem gerit parvulum et subacutum vix quadrante unciae longiorem. Tota avis ferrugineo-pallet, pennarum omnium marginibus obscurioribus, quo fit ut fusco commistæ videantur ; quæque elongatæ sunt et acuminatæ. Rostrum pedesque fusco-flavescent ; rostrum tamen pallidius.

In Nova Zelandia generatur hæc avis, cujus ab australi ora specimen quod depiximus in Angliam intulit Dominus Barclay, navis *Providentiæ* dux, et suadente amicissimo Domino Evans, mihi ipsi perhumaniter donavit.

In tabula secunda depinguntur rostrum, ala, pes, penna, juxta naturalem magnitudinem.

THE
SOUTHERN APTERYX.

GENERIC CHARACTER.

Bill long, slender, nearly strait, covered at the base by a cere, marked on each side by a tubular furrow, slightly swelled and bent at the tip.

Nostrils? linear, inconspicuous, near the tip of the bill, at the end of the tubular furrow.

Wings rudiments only, consisting of a single joint or finger, about an inch in length, and terminated by a small claw or spur.

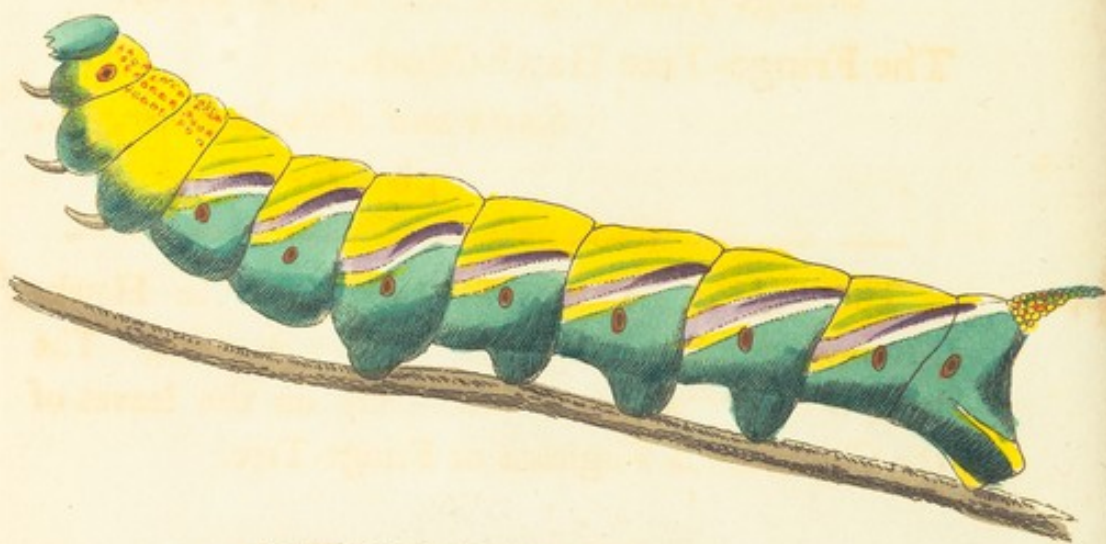
Feet comped, short, strong, gallinaceous, and tetradactyle; the hinder or subinterior toe very short.

Tail none.

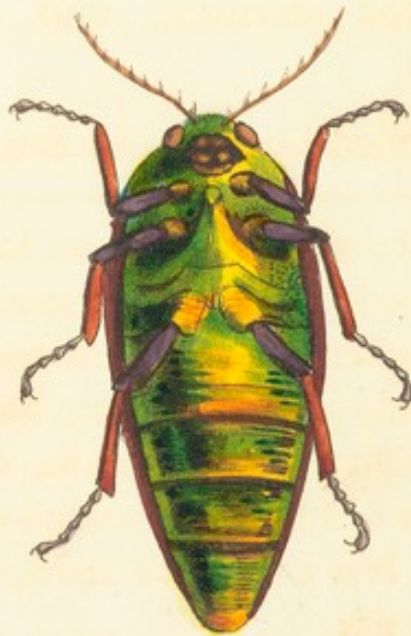
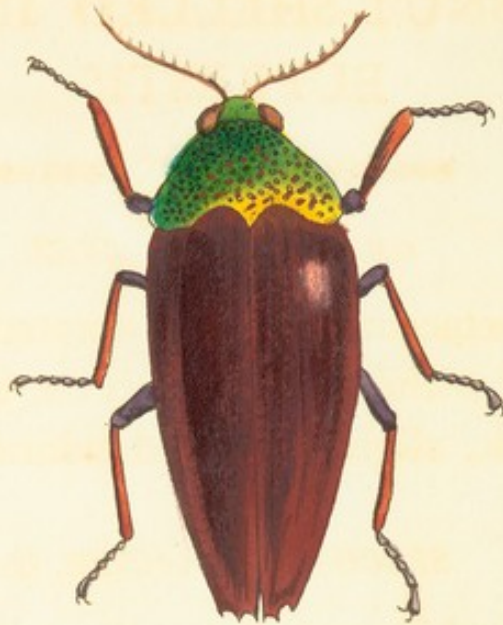
SPECIFIC CHARACTER.

Ferruginous - grey Apteryx, with yellowish brown bill and legs.

The bird represented on the present plate constitutes a perfectly new genus, which it is not easy to refer to any of the established ornithological orders. It seems however to approach more nearly to the Struthious and the Gallinaceous tribes than to any other, though the very different form of the beak implies a



1060



Drawn Engraved & Published by J. P. A. G. 1820

PSITTACUS SQUAMOSUS.

CHARACTER GENERICUS.

Rostrum aduncum, mandibula superiore mobili,
plerisque cera instructa.

Nares in rostri basi.

Lingua plerisque carnosae, obtusa, integra.

Pedes scansorii.

CHARACTER SPECIFICUS, &c.

Psittacus macrourus viridis, humeris coccineis,
abdomine uropygioque rubropurpureis,
pectore squamatim variato.

Psittacus squamosus. *P. macrourus viridis*,
capite collo pectoreque marginibus pen-
narum aurantiis, humeris coccineis, uropygio
abdomineque medio sanguineis.

Lath. ind. orn.

De Surinamia, (ibi enim generatur elegans hæc species) specimen quod depinximus in Britanniam intulit Dominus Sack, et nobiscum perhumaniter communicavit. Miro superbiebat plumarum nitore et varietate.



Drawn & Engraved & Coloured by J. A. Smith.

THE
SCALY-BREASTED PARRAKEET.

GENERIC CHARACTER.

Bill hooked, with the upper mandible moveable, and generally furnished with a cere.

Nostrils in the base of the bill.

Tongue, in most species, fleshy, obtuse, entire.

Feet scansorial.

SPECIFIC CHARACTER, &c.

Long-tailed green Parrakeet, with scarlet shoulders, purple-red belly and rump, and breast marked by scale-shaped variegations.

Wave-Breasted Parrakeet. *Var.*

Gen. Zool. 8. p. 405.

This elegant species is a native of Surinam: the specimen figured on the present plate, exhibited a greater richness and variety of plumage than is usually seen, and was brought from Surinam by Baron Sack, by whom it was politely communicated.

Cynodontia *Reptilia* *by* *M. J. Smith*



SNAIL TORTOISE

Testudo graeca

Testudo graeca

Body defended by a bony covering called by a

honey, and the bony covering is

divided into dorsal or upper plates, the

upper plates being called the

carapace, and the

Tortoise is an aquatic animal, living in

water, and is found in the Mediterranean

and the Black Sea, and is found in the

coastal regions of the Eastern coast of

Spain, France,

Italy, and the

Eastern coast of

the Black Sea, and the

The species is a native of many parts of North

and South America, inhabiting warm, dry, open

ing to the edge of the sandy prairie or desert, and pre-

ing on fish and various other aquatic animals. Its ge-

neral colour is a dull chestnut brown, lighter on the

ventral

LACERTA BICARINATA.

CHARACTER GENERICUS.

Corpus tetrapodum, elongatum, caudatum,
nudum.

CHARACTER SPECIFICUS, &c.

Lacerta bicarinata. *L.* cauda compressa, supra
bicarinata mediocri, dorso quadrifariam
carinato-striata.

Lin. Syst. Nat. p. 361.

Gen. Zool. 3. p. 212.

Lacertam bicarinatam primus accurate depinxisse
videtur Comes de Cepede in opere suo de Amphibiis;
qui tamen male eam retulit ad lacertam *Dracænam*
Linnæi. In America australi generatur, sesquipedalis,
seu bipedalis.

SCOMBER SCOMBER.

CHARACTER GENERICUS.

Corpus oblongum, læve, linea laterali interdum carinatum.

Pinnulæ sæpius supra infraque caudam.

CHARACTER SPECIFICUS, &c.

216

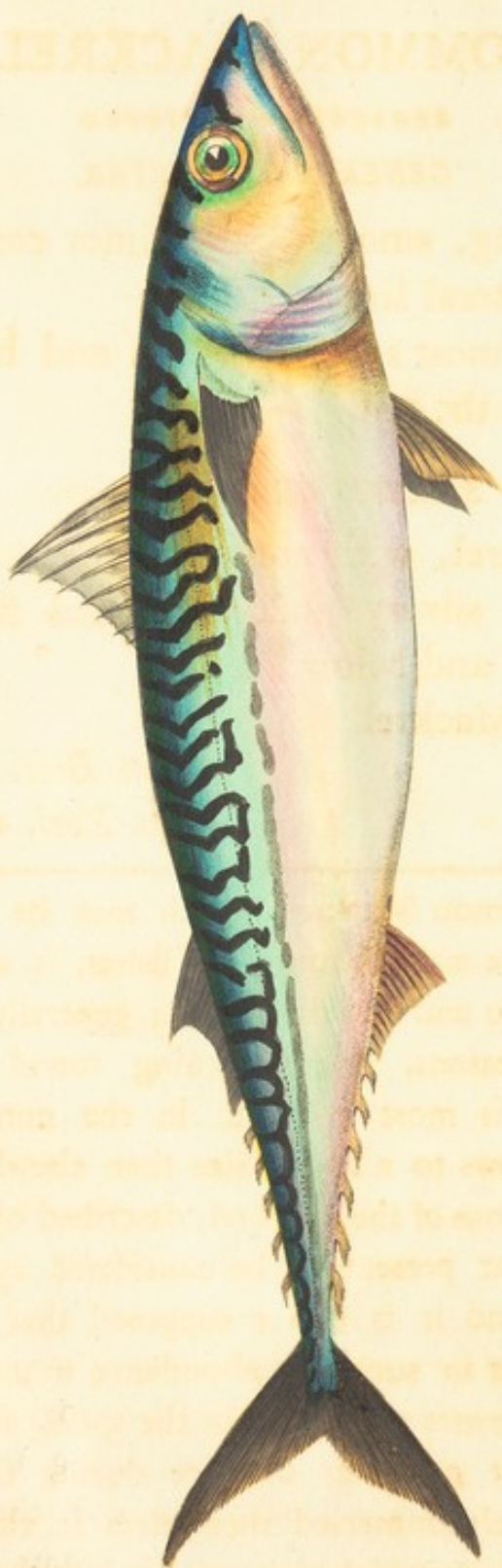
Scomber cæruleus, lineis numerosis transversis nigris, abdomine argenteo, pinnulis supra infraque quinque.

Gen. Zool. 4. p. 577.

Scomber Scomber.

Lin. Syst. Nat.

Scombrum Scombrum seu communem, in piscium pulcherrimorum numero habendum, generant maria Europæa et Americana. Certa, ut plurimum, observat reditus tempora, et circa certa catervatim glomeratur litora; arctica præcipue; major ibi quam alibi. De longis itineribus quæ peragere *Scombrum* narrant nonnulli auctores, dubitare saltem tutius est, si non in fabulis reponere; multoque verisimilius est immensa agmina, quæ verno tempore oras Europæas modice tepentes frequentant, per hiemem nunquam revera procul a litore aberrasse, sed in molli luto demersa latuisse, et exacto frigore, aperto se pelago iterum commississe.



GENERAL INDEX

IN LATIN AND ENGLISH

OF THE

SUBJECTS

CONTAINED IN THE

TWENTY-FOUR VOLUMES

OF THE

NATURALIST'S MISCELLANY

BY THE EDITOR

GEORGE SHAW, M.D. F.R.S.

AND

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GENERAL LATIN INDEX

OF THE

PLATES CONTAINED IN THE TWENTY-FOUR VOLUMES

OF

THE NATURALIST'S MISCELLANY,

ALPHABETICALLY ARRANGED.

A			VOL.	PL.	
VOL.	PL.				
19	802	Acanthurus Chirurgus	9	326	Alcyonium alboreum
14	547	———— velifer	8	272	———— arenosum
4	128	Acarus auratus	10	376	———— botryoides
2	42	———— autumnalis	9	326	———— digitatum
11	440	———— coleoptratus	22	940	———— exos
17	712	———— exulcerans	18	748	———— Schlosseri
6	187	———— lepidopterorum	19	817	Ampelis Cotinga
18	764	———— pectinatus	4	135	———— Garrulus
9	335	———— rhombeatus	18	765	———— Maynana
2	64	———— vegetans	22	945	———— phoenicea
5	148	Aerochordus Javanicus	19	813	———— Pompadora
1	26	Actinia Anemone	19	821	———— superba
1	27		21	897	———— umbellata
11	423	———— Cereus	3	86	Amphisbæna rosea
9	330	———— crassicornis	9	324	Amphitrite Ventila-
13	539	———— Dianthus			brum
11	417	Alca impennis	13	503	Anableps tetrophthal-
12	465	Alcedo atricapilla			mus
8	269	———— cærulea	15	598	Anarhichus pantheri-
13	525	———— chlorocephala			nus
1	13	———— cristata	15	605	Anas Ægyptiaca
9	317	———— Erithaca	17	697	———— fasciata
21	889	———— Inda	21	885	———— galericulata
4	129	———— Ispida	23	1005	———— histrionica
19	793	———— leucocephala	8	255	———— lobata
5	159	———— pusilla	11	421	———— melanotus
19	825	———— Smyrnensis	2	69	———— Merianæ
16	681	———— tribrachys	1	32	———— occidua
21	901	———— ultramarina	3	108	———— Plutonia
			24	1037	———— Sponsa

B

VOL.	PL.		VOL.	PL.	
1	5	Anguis Scytale	18	778	Bodianus Apua
10	355	Anthias Argus	19	826	—— Aya
11	402	—— Diagramma	14	542	—— pentacanthus
12	487	—— formosus	19	796	Brachionus aculeatus
10	371	—— sacer	18	775	—— galeatus
9	320	Antipathes Cupressus	10	394	—— urceolatus
10	352	—— myriophylla	1	6	Bradypus tridactylus
6	205	Aphrodita aculeata	2	{ 58 } 59	—— ursinus
19	792	—— cirrhosa	19	809	Buceros albirostris
12	454	Apis lapidaria	2	41	—— Rhinoceros
21	902	Aplysia Camelus	14	544	Buccinum Harpa
13	507	—— depilans	22	959	—— inflatum
16	638	—— punctata	15	596	—— Rumphii
17	706	—— Peroniana	19	799	—— subulatum
24	{ 1057 } 1058	Apteryx Australis	12	467	—— tuberosum
1	12	Aranea avicularia	10	392	Bucco bidentatus
9	308	—— Diadema	12	461	—— Maynanensis
9	336	—— nobilis	7	248	Bulla achatina
23	983	—— Occidua	12	438	——
15	614	—— venatoria	8	294	Bulla ? Occidua
15	602	—— Tarantula	8	268	—— virginea
24	1041	Ardea Virgo	14	541	Buphaga Africana
15	621	—— tigrina	24	1060	Buprestis Chrysis
3	101	Argonauta Argo	8	256	—— gigantea.
23	995	—— tuberculatus			C
13	532	Ascidia Aurantium	18	742	Caligus piscinus
5	154	—— clavata	9	302	Cancer Bernardus
6	{ 214 } 215	—— fasciculata	8	282	—— brachiatus
7	239	—— pedunculata	13	524	—— cristatus
3	103	Asterias Caput Medusæ	5	160	—— Diogenes
17	{ 695 } 696	—— echinites	17	694	—— Grapsus
15	620	—— oligactes	15	627	—— linearis
11	418	—— papposa	11	408	—— longimanus
24	1040	—— scolopendroides	16	642	—— Mantis
12	475	—— Toreuma	12	464	—— Norvegicus
		B	13	496	—— Phalangium
4	133	Balana Mysticetus	16	655	—— Scyllarus
17	720	—— musculus	15	591	—— Sebanus
9	304	—— rostrata	9	314	—— strigosus
13	535	Boa antarctica	14	588	—— Uca
1	24	—— canina	17	713	Cancroma Cochlearia
2	51	—— Constrictor	24	1045	Caprimulgus Cayanus
			8	265	—— longipennis
			24	1053	—— vociferans
			3	99	Casuaris Australis
			8	297	—— galeatus

VOL.	PL.		VOL.	PL.	
14	583	Cypræa Zebra	19	790	Fistularia Chinensis
8	262	Cyprinus bupthalmus	13	518	——— Tabacaria
23	100	——— Carpio var.	10	391	Flustra foliacea
17	723	——— Orfus	5	150	Fringilla Bengalensis
14	556	——— Rondeletii	9	329	——— domestica
20	838	——— Tincaurea	13	505	——— elegans
21	887	——— Vimba	10 {	361	——— tristis
			18 {	749	
		D	22	931	Fulgora candelaria
			1	37	——— Lanternaria
15	634	Delphinus Gangeticus			G
24	1028	——— ventricosus			
7	226	Dentalium elephantinum	20	833	Galbula Jacamaciri
8	208	Didelphis obesula	10	362	Gastrobranchus coecus
5	166	Didi caput	4	121	Gordius aquaticus
4	123	Didus ineptus	16	684	Gorgonia Briareus
5	151	Diodon Hystrix	16	671	——— ceratophyta
21	878	——— orbicularis	16	674	——— crassa
2	40	Dionæa Muscipula	1	14	——— Flabellum
4	145	Doris Argo	24	1055	——— Lepadifera
20	851	——— palmifera	21	916	——— patula
7	221	——— radiata	17	708	——— pinnata
1	8	Draco volans	8	263	——— sanguinolenta
8	292	Dytiscus piceus	17	689	Gracula calva
		E	21	884	Gryllus carulescens
13	511	Echeneis Remora	4	136	——— citrifolius
7	223	Echinus esculentus	7	251	——— cristatus
15	597	Emberiza Ciris	18	772	——— Dux
11	429	——— quadricolor	20	835	——— Elephas
7	219	——— Schoeniclus	4	115	——— laurifolius
10	382	Epinephelus Merra	2	62	——— migratorius
13	526	Eques Americanus	18	747	——— monstrosus
15	624	Erpeton tentaculatus	18	763	——— morbillosus
9	344	Esox Stomias	19	784	——— nasutus
12	446	Exocoetus evolans	20	843	——— Pupus
19	814	——— mesogaster.	20	866	——— serratus
		F	19	788	——— squarrosus
18	741	Falco communis	21	879	——— verrucivorus
23	1017	——— fastosus	18	743	——— viridissimus
12	485	——— formosus	9	307	Gymnothorax catenatus
6	204	——— furcatus	9	322	——— Zebra
10	389	——— Ponticerianus	4	130	Gymnotus electricus
9	303	Fasciola clavata	14	586	——— rostratus
			9 {	343	Gyrinus Mexicanus
			9 {	344	

H			VOL.	PL.	
17	715	Haliotis tuberculata	18	760	Labrus guttulatus
2	70	Hedysarum gyrans	11	426	— Tinca ?
14	576	Helix ampullacea	19	786	— trimaculatus
10	374	— Carocolla	23	1019	— undulatus
16	683	— citrina	11	403	Lacerta Amboinensis
1	30	— hortensis	21	891	— Ameiva
22	950	— pellis serpentis	11	411	— Apus
10	374	— ringens	11	412	— aquatica
10	387	Hippobosca Hirundi-	15	594	— aurita
		nis	4	142	— Basiliscus
6	217	Hirudo medicinalis	24	1063	— Bicarinata
6	218	— sanguisuga	11	428	— Crocodilus
16	665	Hirundo Capensis	18	770	— furcifrons
23	986	Holocentrus auratus	17	722	— Hispaniolica
13	522	— Sogo	7	227	— Iguana
20	867	— Surinam-	16	663	— lepidopus
		ensis	16	212	— lumbricoides
13	514	— tigrinus	1	21	— Monitor
20	870	— virescens	22	947	— monodactyla
8	260	Holothuria inhaerens	8	279	— palustris
5	172	— tremula	2	65	— platura
16	664	Hyale tridentata	2	45	— Salamandra
11	400	Hydrachna coccinea	5	179	— scincoides
18	759	— geographi-	24	1031	— Scincus
		ca	3	89	— unistriata
22	970	Hydra longimana	3	83	— varia
1	20	— viridis	9	318	— vulgaris
I			22	968	Langaya nasuta
3	106	Isis Hippuris	7	246	Lanius Barbarus
3	82	— nobilis	13	521	— bicolor
2	46	Julus maximus	10	377	— Collurio
5	156	Junx Torquilla	16	637	— gutturalis
K			16	645	— jocosus
24	1055	Kurtus Indicus	20	869	— mystaceus
L			14	578	Larva Australasiae
24	1038	Labrus annulatus	13	501	Lemur Calago
17	700	— bifasciatus	14	570	— minutus var.
18	762	— Brasiliensis	1	29	— Tardigradus
22	942	— cyanocephalus	6	191	Lepas anatifera
			14	554	— anserina
			16	672	— aurita
			17	726	— trachealis
			8	295	Lernææ
			18	779	Libellula cærulata
			12	471	— depressa
			12	459	— grandis
			11	407	— Lucretia
			12	480	— Puella

VOL.	PL.		VOL.	PL.	
12	476	<i>Libellula Virgo</i>	10	383	<i>Madrepora rosea</i>
4	137	<i>Limax ater & max.</i>	18	754	————— <i>seriata</i>
10	375	<i>Lonchurus barbatus</i>	1	11	<i>Manis pentadactyla</i>
23	1012	<i>Lophius Cocinsinensis</i>	1	36	————— <i>tetradactyla</i>
7	245	————— <i>Histrion</i>	9	323	<i>Mantis bispinosa</i>
5	176	————— <i>marmoratus</i>	2	43	————— <i>Gigas</i>
6	202	————— <i>monopterygius</i>	7	223	————— <i>gongyloides</i>
	203		9	327	————— <i>precaria</i>
5	176	————— <i>pictus</i>	4	119	————— <i>siccifolia</i>
11	422	————— <i>piscatorius</i>	3	95	————— <i>strumaria</i>
5	175	————— <i>striatus</i>	8	259	<i>Medusa Andromeda</i>
20	875	————— <i>Vespertilio</i>	6	196	————— <i>Campanella</i>
11	410	<i>Loricaria Plecostomus</i>	7	224	————— <i>Cephea</i>
3	105	<i>Loxia Cardinalis</i>	4	112	————— <i>Infundibulum</i>
14	545	————— <i>cærulea</i>	7	247	————— <i>Navicula</i>
11	433	————— <i>cucullata</i>	16	643	————— <i>Nummularia</i>
17	685	————— <i>Enucleator</i>	22	956	————— <i>pellucens</i>
2	56	————— <i>jugularis</i>	2	299	————— <i>Pulmo</i>
18	677	————— <i>Ludoviciana</i>	7	250	————— <i>Vellela</i>
7	240	————— <i>Orix</i>	12	445	<i>Mergus Castor</i>
19	811	<i>Lucanus Alces</i>	5	162	<i>Merops Apiaster</i>
16	647	<i>Lucernaria quadriloba</i>	15	613	————— <i>cæruleocephalus</i>
12	491	<i>Lutianus Chrysops</i>	10	357	————— <i>Erythrocephalus</i>
11	415	<i>Lycoperdon fornicatum</i>	9	337	————— <i>gularis</i>
M			17	701	————— <i>Malimbicus</i>
1	33	<i>Macropus giganteus</i>	3	78	————— <i>superbus</i>
12	462	<i>Macrourus rupestris</i>	11	419	<i>Millepora alcicornis</i>
23	1004	<i>Madrepora abdita</i>	16	666	————— <i>cærulea</i>
22	946	————— <i>annularis</i>	5	169	————— <i>cellulosa</i>
5	155	————— <i>astroites</i>	11	416	————— <i>lichenoides</i>
19	820	————— <i>axillaris</i>	21	920	————— <i>reticulata</i>
17	703	————— <i>Carduus</i>	18	767	————— <i>violacea</i>
4	118	————— <i>Cerebrum</i>	20	861	<i>Momota Brasiliensis</i>
17	711	————— <i>cincinnata</i>	10	368	<i>Monoculus Apus</i>
17	719	————— <i>cucullata</i>	10	390	————— <i>concha-ceus</i>
20	858	————— <i>fastigiata</i>	18	736	————— <i>cyprinaceus</i>
22	952	————— <i>flexuosa</i>	3	91	————— <i>Polyphemus</i>
3	79	————— <i>Fungites</i>	10	364	————— <i>Pulex</i>
20	840	————— <i>Lactuca</i>	21	904	————— <i>quadricornis</i>
17	686	————— <i>muricata</i>	1	3	<i>Moschus pygmaeus</i>
11	414	————— <i>musicalis</i>	6	207	<i>Motacilla alba</i>
15	607	————— <i>pezizoides</i>	5	168	————— <i>Calliope</i>
20	855	————— <i>phrygia</i>	23	973	————— <i>diophrys</i>
15	623	————— <i>Pileus</i>	22	949	————— <i>dubia</i>
6	194	————— <i>ramea</i>	4	114	————— <i>hirundinacea</i>
20	848	————— <i>retepora</i>			

VOL.	PL.		VOL.	PL.	
22	957	<i>Motacilla oxura</i>	13	515	<i>Nautilus Pompilius</i>
22	965	— <i>pectoralis</i>	14	{ 579 } 580	Naut. Pompil. animal
6	192	— <i>Phœnicurus</i>	10	370	<i>Nepa grandis</i>
5	165	— <i>Regulus</i>	14	543	— <i>linearis</i>
16	649	— <i>Rossica</i>	9	311	<i>Nereis lamelligera</i>
8	261	— <i>Sialis</i>	16	678	<i>Nerita polita et pennata</i>
16	661	— <i>Suecica</i>	12	466	<i>Notocanthus Nasus</i>
1	10	— <i>superba</i>	17	705	<i>Numenius Guarauna</i>
7	237	— <i>sutoria</i>	18	757	<i>Numida cristata</i>
22	959	— <i>thoracica</i>			O
6	189	— <i>Trochilus</i>			
18	746	<i>Mullus maculatus</i>			
7	220	<i>Muræna Meleagris</i>			
15	631	<i>Murex Brandaris</i>	18	740	<i>Onchidium Typhæ</i>
15	599	— <i>Femorale</i>	15	628	<i>Oniscus Entomon</i>
12	488	— <i>Haustellum</i>	11	399	<i>Ophicephalus punctatus</i>
23	1020	— <i>Lampas</i>	1	23	<i>Ophrys apifera</i>
21	924	— <i>lyratus</i>	8	285	<i>Oriolus Galbula</i>
13	527	— <i>ramosus</i>	10	365	— <i>hæmorrhous</i>
22	927	— <i>saxatilis</i>	12	478	— <i>melanocephalus</i>
17	690	— <i>Trapezium</i>	9	341	— <i>phoeniceus</i>
12	460	— <i>Tribulus</i>	7	243	— <i>Xanthornus</i>
12	479	— <i>Tritonis</i>	9	338	<i>Ostracion auritus</i>
24	1022	— <i>tulipa</i>	7	253	— <i>Meleagris</i>
14	569	<i>Muscicapa coronata</i>	16	675	<i>Ostrea denticulata</i>
5	147	— <i>erythrogas- tra</i>	23	987	— <i>Islandica</i>
15	629	— <i>melanoleu- ca</i>	23	978	— <i>var.</i>
2	63	— <i>porphyro- broncha</i>	11	439	— <i>isogonum</i>
2	73	<i>Mus striatus</i>	16	639	— <i>Jacobæa</i>
2	38	— <i>saliens</i>	12	492	— <i>Pallium</i>
12	469	<i>Mycteria Americana</i>	23	993	— <i>varia</i>
15	601	— <i>Australis</i>	15	610	<i>Ovis Canadensis</i>
3	109	<i>Myrmecophaga acu- leata</i>	14	573	<i>Otis Tetrax</i>
16	676	<i>Myrmeleon grande</i>			P
9	315	<i>Mytilus Camellii</i>	14	563	<i>Palamedea cornuta</i>
23	1015	— <i>Hirundo var.</i>	2	68	<i>Papilio Achilles</i>
20	831	— <i>margaritifer</i>	17	710	— <i>Achilles var.</i>
9	315	— <i>Rostrum</i>	19	783	— <i>Adippe</i>
		N	17	687	— <i>Adonis</i>
			13	512	— <i>Æneas & Pe- ranthus</i>
12	452	<i>Nais digitata</i>	13	500	— <i>Agenor</i>
10	379	— <i>proboscidea</i>	24	1024	— <i>Ajax</i>
8	270	— <i>serpentina</i>	19	787	— <i>Amphinome</i>
			12	448	— <i>Amphimedon</i>

VOL.	PL.		VOL.	PL.	
4	124	<i>Pennatula argentea</i>	21	899	<i>Phalæna quercifolia</i>
5	170	—— <i>Cynomorion</i>	21	886	—— <i>quercus</i>
2	39	—— <i>phosphorea</i>	15	{ 611 }	—— <i>regia</i>
4	139	—— <i>teniformis</i>	20	856	—— <i>Rhodope</i>
12	478	<i>Perca guttata</i>	21	883	—— <i>Sponsa</i>
16	682	—— <i>maculata</i>	15	618	—— <i>Strix</i>
24	1033	<i>Perdix rufa</i>	17	699	—— <i>Sylla</i>
4	143	<i>Pes Didi</i>	16	646	—— <i>Tarquiniæ</i>
2	60	<i>Petaurus australis</i>	20	830	—— <i>Tyrrhæa</i>
5	177	<i>Phaeton phoenicurus</i>	22	228	—— <i>Venus</i>
22	938	<i>Phalæna Agarista</i>	22	972	—— <i>Villica</i>
13	{ 530 }	—— <i>Agrippina</i>	22	967	—— <i>Vinula</i>
	{ 531 }		3	85	<i>Phalangium cancroides</i>
16	640	—— <i>Apollonia</i>	15	608	—— <i>dubium</i>
1	2	—— <i>Atlas</i>	10	393	—— <i>reniforme</i>
8	300	—— <i>Augusta</i>	9	321	<i>Phasianus ignitus</i>
14	582	—— <i>Boreas</i>	10	353	—— <i>varius</i>
8	288	—— <i>Caja</i>	9	{ 347 }	<i>Phasma dilatatum</i>
22	934	—— <i>Capensis</i>		{ 348 }	
15	{ 615 }	—— <i>Cecropia</i>	17	688	<i>Phyllidia trilineata</i>
	{ 616 }		6	184	<i>Physeter macrocephalus</i>
19	816	—— <i>Cossus</i>	15	592	<i>Phytolithus Filicis</i>
22	963	—— <i>Dominula</i>	17	725	<i>Phytotoma Abyssinica</i>
7	230	—— <i>Erycina</i>	4	126	<i>Picus erythrocephalus</i>
16	644	—— <i>Fabia</i>	5	180	—— <i>major</i>
12	490	—— <i>Fraxini</i>	11	413	—— <i>miniatus</i>
14	548	—— <i>Hebe</i>	7	225	—— <i>minor</i>
21	892	—— <i>Hypermnestra</i>	2	44	—— <i>minimus</i>
22	960	—— <i>Hyphinoe</i>	13	493	—— <i>pileatus</i>
16	656	—— <i>Janus</i>	22	953	—— <i>Portoricensis</i>
18	735	—— <i>imperatoria</i>	13	497	—— <i>principalis</i>
12	{ 455 }	—— <i>Junonia</i>	18	753	—— <i>rufus</i>
	{ 456 }		11	437	<i>Pinguinaria cristata</i>
12	468	—— <i>Lectrix</i>	11	409	—— <i>Patachonica</i>
21	880	—— <i>Liris</i>	12	483	<i>Pinna muricata</i>
8	264	—— <i>Luna</i>	7	249	<i>Pipra Aureola</i>
20	868	—— <i>macrops</i>	5	153	—— <i>caudata</i>
13	520	—— <i>macroura</i>	20	849	—— <i>militaris</i>
22	932	—— <i>Matronula</i>	20	841	—— <i>musica</i>
20	876	—— <i>nupta</i>	4	111	—— <i>punctata</i>
23	996	—— <i>oculatissima</i>	5	174	—— <i>striata</i>
18	776	—— <i>odora</i>	15	593	—— <i>rupicola</i>
16	660	—— <i>Paphia</i>	11	424	<i>Pianaria lactea</i>
16	659	——, larva	3	90	<i>Platalea Ajaja</i>
23	1014	—— <i>papilionaria</i>	10	{ 385 }	<i>Platypus Anatinus</i>
19	822	—— <i>Pini</i>		{ 386 }	
10	356	—— <i>Polyphemus</i>			
23	998	—— <i>Proserpina</i>			

VOL.	PL.		VOL.	PL.	
14	559	Platystacus anguillaris	16	657	Psittacus zonarius
11	432	—— cotylepho-	9	328	Pterotrachea coronata
		rus	3	104	Ptinus fatidicus
19	823	Pleuronectes Argus	5	178	Pulex irritans
21	903	—— barbatus	16	662	Pyrosoma phosphores-
7	238	—— roseus			cens
21	890	—— Zebra			R
10	373	Plotus melanogaster			
12	470	Polynemus paradiseus	5	173	Raja rostrata
24	1027	Polypterus niloticus	6	198	Ramphastos Aracari
23	985	Promerops cæruleus	6	183	—— erythro-
23	981	—— superbus			rhynchos
15	609	Psittacus Angustus	17	717	—— viridis
22	937	—— cæruleatus	4	127	Rana arborea
11	425	—— canus	6	200	—— Australiaca
21	893	—— Capensis	10	367	—— bicolor
18	737	—— coccineus	3	76	—— cornuta
3	87	—— concinnus	20	871	—— esculenta
3	93	—— eximius	23	984	—— ignea
6	186	—— funereus	23	999	—— mephitica
22	925	—— garrolus	10	351	} —— paradoxa
2	53	—— gloriosus		353	
21	917	—— hæmatodes	1	17	—— Pipa
18	769	—— incertus	20	864	—— temporaria var.
19	769	—— infuscatus	9	325	Rynchops nigra
15	633	—— Lory			S
21	921	—— Macro-			
		rhynchos			
2	50	—— magnificus	22	971	Salmo rhombeus
4	132	—— melanopte-	21	882	—— Salvelinus
		rus	21	923	—— Tumbil
16	653	—— melanotus	7	226	Salpa democratica
21	913	—— nuchalis	7	232	—— maxima
8	258	—— pallidus	18	758	Scarabæus auratus
23	1001	—— Paradisi	17	730	—— Cacicus
1	7	—— Porphyrio	9	316	—— cyaneus
1	1	—— porphyro-	14	560	—— dichotomus
		cephalus	9	332	—— Elephas
1	16	—— porphyru-	24	1054	—— Fullo
		rus	3	80	} —— Goliathus
3	96	—— pulchellus		751	
1	35	—— pullarius	1	34	—— Hercules
21	877	—— rodocephalus	13	536	—— longimanus
24	1061	—— squamosus	21	911	—— Loxanus
7	228	—— terrestris	10	384	—— Macropus
21	909	—— Vaillanti	23	974	—— micans
16	673	—— undulatus	9	316	—— Monoceros

VOL.	PL.		VOL.	PL.	
4	131	Scarabæus Midas	3	97	Silurus Callichthys
24	1030	———— torquatus	11	406	———— militaris
19	803	———— Typhon	2	61	Siren lacertina
19	794	Scarus Cretensis	15	622	Solpuga venenosa
12	482	———— Croicensis	2	55	Sorex bicolor
8	286	———— viridis	23 {	979 }	Sparas chloropterus
10	366	Sciæna Cirrosa	23 {	975 }	———— erythrourus
24	1047	———— Coro	23	975	———— Juba
23	1007	———— formosa	24	1023	Sparus Abilgardi
24	1042	———— macrolepidota	21	898	———— Anchorago
23	990	———— unimaculata	21	919	———— argyrophthalmus
18	745	Scolopax Helias	21	910	———— chlorourus
17	729	———— Sinensis	12	458	———— chrysurus
6	185	Scolopendra microscopica	20	834	———— erythrinus
1	9	———— morsitans	19	807	———— falcatus
13	498	Scomber Ductor	18	755	———— fasciatus
22	935	———— fasciatus	1	31	———— ? formosus
23	982	———— maculosus	20	842	———— macrophthalmus
20	854	———— regalis	16	652	———— melanopterus
20	850	———— Rottleri	18	750	———— Pagrus
13	494	———— ruber	24	1034	———— Pavo
23	1002	———— saliens	20	847	———— semifasciatus
24	1064	———— Scomber	19	818	———— Surinamensis
22	958	Scorpæna Porcus	20	859	———— trimaculatus
18	768	———— volitans	19	810	———— Verres
3	100	Scorpio Afer	22	939	———— Vosmerianus
17	728	Scyllæa pelagica	13	534	Sphagebranchus rosstratus
18	780	Sepia granulata	14 {	566 }	Sphinx Annonæ
10	363	———— Loligo	14 {	567 }	————
10	359	———— Octopodia	13	528	———— Atropos
14	546	———— tunicata	20	872	———— Celerio
20	857	Serpentarius Africanus	24	1059	———— Chionanthi
14	571	Serpula anguina	15	595	———— Cluentius
14	575	———— muricata	18	752	———— Convolvuli
6	188	———— perforata	23	980	———— Crantor
8	283	———— vermicularis	23	988	———— Elpenor
24	1048	Sertularia cereoides	21	922	———— Euphorbiæ
22	962	———— contorta	18	739	———— Ficus
17	698	———— Pennatula	16	680	———— Jatophæ
22	936	———— Pinaster	16	679	———— Jatrophæ larva
2	71	———— setacea	16	668	———— labruscæ
23	1008	Serrularia operculata	16	667	———— larva
18	774	Simia argentata	11	443	———— Ligustri
15	626	———— Ascanius	17	724	———— lineata
2	216	———— Hamadryas	10	372	———— Nerii
24	1036	———— Leonina	1	18	———— ocellata
2	48	———— Sphinx ?	24	1039	———— Pandion

VOL.	PL.			VOL.	PL.	
24	1043	Butterfly	great Tor- toise-shell	10	363	Calamary
8	271	—	Hector	18	742	Caligus fish
5	167	—	Hecuba	11	433	Cardinal-crested Do- minican
14	552	—	Helenus et Steneles	23	1000	Carp common, <i>var.</i>
15	632	—	Jairus	17	723	— orange
17	692	—	Icarus	14	556	— Rondeletian
24	1035	—	Idalia	8	262	— telescope
1	15	—	Imperial Trojan	21	887	— Vimba
20	862	—	Iris	8	297	Cassowary galeated
14	564	—	Laertes	3	99	— Southern
10	360	—	Leilus	14	578	Caterpillar Australa- sian
11	398	—	Maëhaon	8	280	Cerambyx great
20	844	—	Maja	4	134	— long-legged
21	888	—	Marsyas	8	284	— stag-horned
15	604	—	Merope	14	584	Centriscus scaly
4	113	—	Nestor	3	107	Cercaria changeable
11	444	—	Nireus	8	275	Chætodon double- scaled
21	915	—	Orange-tip	17	731	— glaucous
12	486	—	Orontes	21	914	— golden
11 {	420 }	—	Panthous	19	800	— long-finned
13 {	516 }	—	Paphia	2	57	— long-spined
18	756	—	Paris	14	551	— red-striped
11	404	—	Patroclus	12	471	— tricolor
11	435	—	Peacock	18	770	Chamæleon fork- headed
10	388	—	Perseus	11	442	Chama great
12	472	—	Philenor	15	635	— Heart
23	1010	—	Phorcas	4	135	Chatterer Bohemian
12	459	—	Polymnestor	22	945	— crimson
1	28	—	poplar	19	797	— Pompadour
20	846	—	Protenor	19	817	— purple- breasted
15	590	—	Protesilaus	18	765	— silken-fea- thered
13	504	—	Pylades	19	821	— superb
21	895	—	Pyretus	8	257	Chiton scaly
23	991	—	radiated	3	110	Cicada common
3	92	—	Ripheus	5	152	Clio limacine
4	125	—	silver-blue	6	206	— pyramidal
2	49	—	single-spotted	5	182	Coccus mailed
19	806	—	talc-winged	6	186	Cockatoo funereal
19	819	—	Telemachus	2	50	— magnificent
17	732	—	thistle			
11	430	—	Thoas			
9	331	—	Troilus			
23	1003	—	Xuthus			
12	484	—				

VOL.	PL.		VOL.	PL.	
11	438	Gurnard spotted	20	833	Jacamar great
9	307	Gymnothorax marbled	23	1009	Jacana Chesnut
9	322	———— Zebra	2	67	Jaculator
4	130	Gymnotus electrical	9	313	Jay blue
14	586	———— rostrated	14	549	———— common
		H	6	213	———— Peruvian
			2	38	Jetboa Siberian
			2	46	Julus great
4	121	Hair-worm			K
17	715	Haliotis tuberculata			
2	70	Hedysarum animated	1	33	Kangaroo great
20	874	Herring silver-striped	12	465	King-fisher Black-
10	387	Hippobosca Swallow			capped
23	986	Holocentrus golden	4	129	———— common
20	870	———— greenish	1	13	———— crested
13	522	———— red	13	525	———— green-headed
20	867	———— Surinam	5	159	———— minute
13	514	———— varie-	9	317	———— red-headed
		gated	19	825	———— Smyrna
8	260	Holothuria brown	21	889	———— spotted
5	172	———— tremulous	16	681	———— tridigitated
9	309	Hoopoe	21	901	———— ultramarine
13	533	———— red-billed	8	269	———— white-collared
2	41	Horn-bill great	19	793	———— white-headed
19	809	———— white-beaked	13	526	Knight-fish American
7	222	Humming-bird fork-	24	1055	Kurtus Indian
11	397	tailed			L
3	81	———— Harlequin			
12	489	———— least	24	1038	Labrus annulated
9	333	———— purple-	17	700	———— bifasciated
		tailed	22	942	———— blue-headed
2	66	———— red-throated	18	762	———— Brazilian
13	517	———— stripe-	18	760	———— guttulated
		checked	19	786	———— trimaculated
13	513	———— topaz-	23	1019	———— undulated
		throated	22	968	Langaya long-snouted
23	977	———— violet-eared	22	931	Lantern-Fly Chinese
16	664	Hyale tridentated	6	218	Leech horse
11	400	Hydrachna scarlet	6	217	———— medicinal
18	759	———— variegated	13	501	Lemur Calago
		I J	14	570	———— minute, var.
17	721	Ibis crested	1	29	———— slow-paced
8	293	———— Gangetic	8	295	Lernææ
4	120	———— scarlet	12	476	Libellula black-wing-
12	469	Jabiru American			ed
15	601	———— Australasian	12	471	———— depressed

VOL.	PL.		VOL.	PL.	
1	11	Manis five-toed	12	490	Moth Clifton
1	36	— four-toed	22	972	— cream-spot Tiger
3	95	Mantis broad-breasted	21	888	— crimson under wing
4	119	— dry-leaf	7	230	— Erycina
2	43	— giant	16	644	— Fabia
7	233	— long-breasted	19	816	— Goat
9	327	— sacred	21	886	— great egger
9	323	— two-spined	21	899	— great lappet
6	196	Medusa bell	23	996	— great Leopard
7	224	— Cephean			Ermine
8	259	— Egyptian	14	548	— Hebe
4	112	— Funnel	21	892	— Hypermnestra
16	643	— nummular	22	960	— Hyphinoe
22	956	— pellucid	16	656	— Janus
8	299	— pulmonic	18	735	— imperial
7	250	— sailing	23	1014	— Large Emerald
7	247	— Skiff	12	468	— Lectrix
12	445	Merganser dun	21	880	— Liris
16	666	Millepore blue	8	264	— Luna
11	419	— Elkshorn	22	932	— Matronula
5	169	— lace	20	868	— Ox-Eye
11	416	— lichen	16	659	— Paphia
21	920	— reticulated	16	658	— Paphia-larva
18	767	— violaceous	12	455	} — Peacock
17	712	Mite cuticular	12	446	
6	187	— lepidopterine	15	611	} — Persimon
18	764	— pectinated	15	612	
2	61	— vegetating	19	822	— pine
11	440	— wandering	10	356	— Polyphemus
20	861	Momot Brazilian	23	998	— Proserpine
15	626	Monkey Ascanius	22	967	— Puss
24	1036	— Leonine	20	876	— red-underwing
16	774	— silver-haired	20	856	— Rhodope
10	368	Monoculus Canceroid	18	776	— sable
18	736	— carp	22	963	— scarlet Tiger
10	364	— Flea	15	618	— Strix
21	904	— four-horned	17	699	— Sylla
3	91	— Indian	16	646	— Tarquinia
10	390	— Muscle	8	288	— Tiger
20	830	Moth African Peacock	22	928	— Venus
22	938	— Agarista	2	73	Mouse striped
16	640	— Apollonia	13	527	Murex branched
1	2	— Atlas	21	924	— corded
8	300	— Augusta	15	599	— femoral
14	565	— Boreas	23	1020	— Lamp
22	934	— Cape	12	488	— pipe
15	615	} — Cecropian	22	927	— rock
	616				

