THE

CYCLOPÆDIA;

or,

Universal Dictionary

of

ARTS, SCIENCES, AND LITERATURE.

PLATES. VOL. V.

NATURAL HISTORY.
QUADRIPEDS.
CLASS MAMMALIA ORDER PRIMATES. GENUS LEMUR. GENUS GALEOPTHECUS. GEOFF.


6. L. Volans Flying Lemur (Galeopthecus volans Audeb.)
MAMMALIA.

GENUS VESPERTILIO

Bat

PLATE

1. V. Vampyrus 2¥ Auritus 3¥ Spasma 1¥ Leporinus 5¥ Spectrum

VAMPIRE, LONG EARED, CORDATE, PERUVIAN, SPECTRE.

Published as the Act directs. March 1, 1813, by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
QUADRUPEDS.

CLASS MAMMALIA, ORDER BRUTA. GENUS BRADYPUS, GENUS MYRMECOPHAGA, GENUS ORNYTHORINCHUS.

1. Manis Pentadactyla - short-tailed Manis
2. Manis Tetradactyla - long-tailed Manis
3. Dasypus Seecinctus - Six-banded Armadillo
4. Dasypus Novemcinctus - Nine-banded Armadillo
5. Dasypus Duodecimcinctus - Twelve-banded Armadillo
**QUADRUPEDS.**

**Mammalia Order Bruta**

**Rhinoceros unicornis.** One-horned Rhinoceros.

**Rhinoceros leucorhinus.** Two-horned Rhinoceros.
QUADRUPEDS
CLASS MAMMALIA, ORDER FERA, GENUS TRICHECHUS, GENUS PHOCA.

1. Trichechus Rosmarus, Arctic Walrus or Morse. 2. T. Manatus (var. borealis) Manatus. 3. Phoca Ursina, Ursine Seal.
QUADRUPEDS.


Published as the Act directs in the year 1800 by T. Longman & R. Cary, Paternoster Row.
QUADRUPEDS.

CLASS: MAMMALIA
ORDER: CARNIVORA

GENUS: CANIS

1. Mastiff
2. Bull Dog
3. Danish or Harlequin Dog
4. Dalmatian Dog

Published at the Act Directed by
Longman, Hurst, Rees, Orme, and Brown, Paternoster Row.

Engraved by Thomas Dury. Printed by Longman, Hurst, Rees, Orme, and Brown, Paternoster Row.
PLATE V.

CLASS I: MAMMALIA, ORDER III: FER. GENUS W. CANIS.


Published at the Ist drug. Year 1806 by Longman, Hurst, Rees, and Orme, Paternoster Row.
QUADRIPEDS.
CLASS MAMMALIA. ORDER FERAE. GENUS CANIS.

QUADRUPEDS.
GENUS FELIS. LIONS, TYGERS &c.

Felis Leo. Lion, Lioness & Young.

As the Act directs Jan 2 1807. by Longman, Hurst, Rees, & Co., Paternoster Row.
CLASSES MAMMALLA ORDER DEER GENUX FELIS

PLATE III. Volume 4

Fig. 1. Felis Pardalis. Ocelot. 2. Felis Tigrina. Margay. 3. Felis Serval. Serval. 4. Felis Cane. Wild Cat. 5. var. Domestic Cat. 6. var. Spanish or Tawny-Bell Cat.
7. var. Angora Cat. 8. var. Slate-Coloured Cat, or Chartreux.

Published as the Act directs. 1825. By Longman, Hurst, Rees & Orme, Paternoster Row.
QUADRUPEDS
ORDER "H. E. GENUS "VIVERRA."

QUADRUPEDS.
CLASS MAMMALIA ORDER FERAL GENUS MUSTELA.

QUADRUPEDS.
CLASS MAMMALIA. ORDER FERRE. GENUS URUS.

QUADRUPEDS.
MAMMALIA. ORDER FER. GENUS TALPA. MOLE. GENUS SOREX. SHREW. GENUS ERINACEUS. HEDGE-HOG.

Class Mammalia, Order Gliria, Genus Hystric, Genus Cavia

**Quadrupeds**

QUADRUPEDS.
CLASS. MAMMALIA. ORDER. GLIRES. GENUS. CASTOR. BEAVER. GENUS. MUS. RAT.

CLASS MAMMALIA, ORDER GLIRES, GENUS ARCTOMYS, MARMOT, GENUS SCIURUS, SQUIRREL, GENUS MYOIX, DORMOUSE.

QUADRUPEDS.
CLASS MAMMALIA. ORDER GLIRES. GENUS DIPUS, JERBOA. GENUS LEPUS, HARE. GENUS HYRAX.

1. Camelus dromedarius, Arabian Camel, or Dromedary.
2. Camelus bactrianus, Bactrian Camel.

Published as the Act directs Feb. 1407, by Longman, Hurst, Rees, Orme, and Brown, Paternoster Row.
QUADRUPEDS
CLASS MAMMALIA. GENUS MOSCHUS MUSK. GENUS CERVUS DEER.

QUADRUPEDS
MAMMALIA GENUS CERVUS GENUS CAMELOPARDALIS.

1. C. Tarandus Rein Deer
2. C. Elaphus Stag Hart or Red Deer
3. C. Axis Spotted Axis

QUADRUPEDS.
CLASS MAMMALIA. GENUS ANTELOPE. ANTELOPE.
Ovis Aries. Common Sheep.

South Down Polled Sheep of the improved breed - From the Stock of the late Duke of Bedford, Woburn.

Published at the wet Society, June 27. London, 1826. From drawings.
Quadripedes.

Gent's Ovis Sheep Vari. Horned Sheep.

1 Norfolk Breed. 2 Northumberland Breed.
QUADRIPEDS
BOS TAURUS - WILD OX OF SCOTLAND.
QUADRUPEDS
BOS TAURUS, OXEN

Long Horned or Lancashire Breed
HORSES.
1. SHETLAND PONNY.

2. ENGLISH CART HORSE.

Published for the use of the subscribers, 1830. From the Engravings by W. J. Swainson.
QUADRUPEDS.
GENUS EQUUS - HORSE.

1. Race Horse Royalist. 2. The Hunter Skylark.
QUADRUPEDS
ORDER BELLIG. GENUS HIPPOPOTAMUS, GENUS TAPIR.

From an Original Drawing in the Collection of E. Woodford Esq.
QUADRUPEDS.
CLASS MAMMALIA, ORDER RUMINANTS, GENUS SUIDE, SPECIES HOG.
CLASS MAMMALIA.
ORDER CETACEA.
GENUS PHYSETER.
CACHALOT.
GENUS DELPHINUS.
DOLPHIN.

1. Physeter macrocephalus. Blunt-headed C.
2. P. gibbosus Schreb. Gibbous C.
ORNITHOLOGY

Div. of Land Birds
Order ACCIPITRES

*Genus* *Vulture*

*Genus* *Falcon*

*Genus* *Strix*

*Genus* *Heterodius*
ORNITHOLOGY

Dr. 4 Land Birds. Order Psittica

PLATE 1

GENUS PSITTACUS.

Parrot


Published at the 1st instant, June 27, 1804, by Longman, Hurst, Rees, and Orme.
ORNITHOLOGIA

PLATE III

ORDER: PIA.

GENUS CORVUS

CRESTED FAY.

GENUS COEUS

C. C. Carvecitactes

C. Gistatus

C. Glandarins.
ORNITHOLOGY.

Order 25 PICA

Genus TROGON.

1. Caracul
2. Coracul
3. Red bellied

Genus BUCCO.

1. Barbet
2. R. Lahev
3. G. guaroube var.

Genus FIVY.

1. Wry neck
2. A. tergilla

Genus PIEX.

1. Woodpecker
2. P. Carolina var.
3. S. Europea

Genus SITTA.

1. Nuthatch
2. S. Europea
ORNITHOLOGY.

Div. 2. Land Birds. Order 24 PIC.

PLATE VII

GENUS ALCEDO


CRESTED K. TENERITED K. BELTED K. SACRED K. PARADISE J. GREEN J.

Published as the Act directs. Apr. 17, 1807 by Longman, Hurst, Rees & Orme, Paternoster Row.
ORNITHOLOGY

Order: Water Birds

PLATE I

1. L. erythrophus
2. L. canadensis
3. L. scolopaceus
4. L. vorticosa

BERNACLE GOOSE
CANADA G.
GREY HEAD D.
GRAY HUNTER DUCK
BRIGHT WHISTLER

Published as the Act direct. April 1786, by Longman, Rees, Orme & Allen.
ORNITHOLOGY.


GENUS COLUMBUS


COMMON: RED-TAILED. HORSESHOE. BLACK THROATED. CHINESE. HOODED.

Published in...
ORNITHOLOGY.
Div. II. Water Birds. Order ANSERES.

GENUS LIRUS
1. Larus Parus (Gull)
2. Larus hyperboreus (Arctic Skua)
3. Larus marinus (Ivory Gull)
4. Larus argentatus (Black-Backed Gull)
5. Larus argentatus (Caspian Tern)
6. Larus ridibundus (Black Tern)

G. STerna
1. Sterna hirundo (Common Tern)
2. Sterna sandvicensis (Sooty Tern)
3. Sterna paradisaea (Bridled Tern)

G. Rynchops
1. Rynchops niger (Black Skimmer)

Published as the Act directs, Aug. 1st, 1832, by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
ORNITHOLOGY

Order GRALL. 

GENUS PHENICOPTerus
1. P. ruber
RED FLAMINGO.

GENUS PLATYXENES
3. P. pelecanoides
ROSEATE SPONGY BILL.

GENUS PILAMEDA
3. P. cornuta
HORNED SCREAMER.

GENUS MYCTERELLUS
1. M. nova hollandiae
NEW HOLLAND JACANO.
ORNITHOLOGY.

Order GRALLA.

GENUS CINCROMA - G. SCOPEUS
1. Cochlearia
2. Umbrella
3. Brevina
4. Inquiene

CRESTED B, TUTTED C, CROWNED C, INDIAN C.

Published as the Act directs April 1820 by Longman, Hurst, Ree, Orme & Brown, Paternoster Row.
ORNITHOLOGY
Order Grall.

PLATE IV

GENUS TANTALUS
1. T. Loculator
2. T. Melanops
3. T. Calvus
4. T. Italus
5. S. Lencoccephala
6. S. Phoecipus

GENUS CORRIBA
1. C. Courier
2. C. Melanopis
3. C. Italus

GENUS SCOLOPAX
1. S. Locutor
2. S. Lencoccephala
3. S. Galvus

Published as the Act directs Augst 1796 by Longman Hurst Rees Orme & Brown Paternoster Row.
ORNITHOLOGY.
Order GRALLA.

GENUS TRINGA
Sandpiper

1. Tringa stagnatilis
2. Tringa hypoleucos
3. Tringa ochropus

WHITE WINGED SP.
BRITISH SP.
GREY PHILHORN
LONG LOGGED SP.
SPEAR WINGED SP.

G. CHLORIDRIS
Plover

4. Charadrius hiaticula
5. Charadrius dubius
6. Charadrius hiaticula

PLATE V.
ORNITHOLOGY.
Order GRALLA.

PLATE VII.

G. RECUTIROSTRA GILLETIOPUS G. GLAREOLA G. PULICUS
(Grasshopper) (Grey Lag) (Common)
ANAMERICAN 2. M. AMERICANAS 3. A. AUSTRALIS
OYSTER C. OYSTER C. CRESTED C.

Published as the Act directs, printed by Longman, Hurst, Rees, Orme, Brown, and Green.
ORNITHOLOGY

Div. 2 Land Birds — Order 5 Gallinae.

Genus Otis
(Buttard)
O. Tarda

Genus Struthio
(Ostrich)
S. Rhea

Great B. Male 1 Female 2
American O.
Casowary
New Holland Casowary

Published as the Act Oct. 1, 1815 by Longman Hurst Rees & Orme. Paternoster Row.
ORNITHOLOGY.

Order: Land Birds

Plate III

1. Pavo cristatus var. cristatus
2. Pavo cristatus var. cristatus var. albus
3. Pavo cristatus var. cristatus var. bicalearatus

COMMON PEACOCK
VARIATED or PIEBLED PEACOCK
WHITE PEACOCK
IRIS PEACOCK

Published at the direct April 1608.
by Longman, Hurst, Rees, Orme, & B. Paternoster Row.
ORNITHOLOGY.

Div. 2d Land Birds — Order 5th Gallinæ.

1. Syft.

1. Meleagris (Turkey)
2. Penelope (Guan)
3. Crax (Curassow)
4. Turdus (Turkeys)
5. Pavo (Peacocks)

Published as the Act directs Aug. 1805. by Longman, Hurst, Rees, & Orme, Paternoster Row.
ORNITHOLOGY

Order Gallinae.

Genus Phasianus.

Plate VI. GENUS PHASIANUS.

ORNITHOLOGY

PLATE vi

GENUS PHASIANUS: Phasianus

Common Pheasant

Gold Pheasant

White-naped Pheasant

Silver Pheasant
ORNITHOLOGY

Land Birds — Order GALLIN.

GENUS NUMIDIA & TETRIO


GUINEA HEN or PINTADO = CRESTED P. — RUFFED or RUFFED NECKED GROUS — PINTAILED G. — SPOTTED G. — HETEROCITUS

Engraved by...

Syd. Edwards

By Edwards
ORNITHOLOGY

PLATE I

Order GALLINA

Genus TETRAO

1. Pedio
2. Lophidiene
3. Rhodoavigula
4. Hacardi
5. Moeus
6. Variorrhina

COM* PARTRIDGE WACKLED P. RILL RILLINQ Q.

GENUS TETRAO

Compl. Bristowe

E. Edw. del.
ORNITHOLOGY.
Div. Land Birds — Order Passeres.
GENUS COLUMBA (Pigeon).


Published as the 1st Octavo June 1. 1808, by Longman Hurst Rees. Patent Printers.
GENUS LULII
Lark
L. tigges
c

GENUS STERNI
Stern
c S. militari
c S. cursulas
c

GENUS CAPRIMULGI
Goat-sucker
C. longipennis
C. longipennis
C. longipennis
C. longipennis
C. longipennis
GENUS TURDES

Thrush

1. Thraupis aureocephala
2. T. maculata
3. T. lineola
4. T. torquata
5. T. melanoleuca
6. T. albirostris
Genus Ampelis

Chatterer:
1. C. Virgulatus
2. C. Atricapillus
3. C. Capensis

G. Colius

Coly:
1. G. Virgulata
2. G. Picta
3. G. Capensis
4. G. Lecard
ORNITHOLOGY.
Div. I. "Land Birds" Order Passeres.

PLATE V

GENUS Loxia
Grosbeak

1. L. coronata
2. L. philippina
3. L. cardinalis
4. L. arvid
5. L. bolivianum

LINEATED G. CRESTED DOMINICAN G. PHILIPPINE G.

CAROLINA G. MAJESTIC RUBBED G. FIN THROAT

Published at the expense of J. D. White, Longman, Hurst, Rees, Orme, and Brown, 1818.
ORNITHOLOGY.

Order PASSERES.

GENUS MUSCICAPA


BLACK & WHITE FC. WHISPERED FC. TANDEM-TAILED FC. SOFT-TAILED FC. FAN-TAILED FC. SUPERB WHEAT EAR PLAIN WHEY TO."
ORNITHOLOGY.
Elementary.

Phasianus
Parus
Corvus
Paro
Struthio camelus
Pelicanus
Struthio cassuarius
Menura
Cereopsis
Ovis
Ardea
Paridicea

Published as the Act directs March 1st 1812, by Longman, Hurst, Rees, Orme, Brown. Paternoster Row.
ORNITHOLOGY, Elementary

PLATE 1

Pelicanus

Phoentcopterus

Fulica

Tringa lobata

Larus

Avocetta

Anas

Rallus gallinula

Pheustis

Vaginalis

Colymbus
AMPHIBIA.

GENUS TESTUDO

PLATE

1. T. dentata - DENTICULATED TURTLE
2. T. Europa - GREEN SPECKLED T.
3. T. guttata - SPOTTED T.
4. T. picta - PAINTED T.
5. T. Madae - ESCOLENT GREEN TURTLE
6. T. imbricata - HAUNSBILL T.

Published as the Act directs Oct. 1, 1814, by Longman Hurst, Rees, Orme & Brown, Paternoster Row.
1. Salamandra
2. Vittata
3. Chamison
4. L. sp
5. Lemmecoto

Salamander
Forked L.
Chameleon
Green L.
Eight Lined L.

Published at the Jet Streets in Dept by Longman, Hurst, Rees, Orme, Brown in Paternoster Row.
AMPHIBIA.
GENUS CROTALUS.

PLATE II.

Rattle Snake

(C. Horridus
BANDED RS

C. Durissus
STRIPED RS

Published as the Act directs Nov. 1718 by Longman, Rees, Orme, Latsberer, Row.
AMPHIBIA.

GENUS BOA.

PLATE V

Published as the Act directs, by Longman, Hurst, Rey, and Orme, Paternoster Row.
AMPHIBIA

PLATE III

Syit.

Genius A. A. Anglist.

PLATE IT
ICHTHYIOLOGY.
Order Apodes.

GENUS STROMATEUS
1. Str. cinereus
2. niger

GENUS STYLIFORMIS
3. Sty. chordatus

GENUS TRICHIUS
4. T. argentus

GENUS STERNOPTERI
5. Ste. diaphana

GENUS XIPHIS
6. X. gladius

GENUS ANARHICAS
7. A. lupus

Published as the Act directs, Nov. 1, 1813, by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
Poichichys

Gen. Trachinus

Gen. Trachinocephalus

Gen. Callionymus

Order Jugulares

ICHTHYLOGY.
ORDER THORACICI.

GENUS SPARUS

Gilt-head:
1. S. tilapia
2. S. surinamensis
3. S. haematochilus
4. S. chrysopus
5. S. annulatus
6. S. marna

FALCATED G. SURINAM G. BANDED G. GOLDEN TAIL G. ANNULATED G. CACKEREL G.
ICHTHYOLOGY
ORDER THORACIC

G. SCARUS  GENUS SCLENA
ORDER THORACICI

GENUS PERCA

1. P. brasiliensis
2. P. sanhilis
3. P. punctata
4. P. guttata
5. P. maculata
6. P. bimaculata

Published as the Act directs June 1st 1796 by Longman, Hurst, Rees & Orme Litteris
ICHTHYOLOGY.
ORDER THORACICII.

GENUS SCLENA

1. Sc. Undecimalis
2. Sc. Lineata
3. Sc. Octostrati

G. GASTEROSTEUS

1. G. Trachycephalus

G. TRACHYCHTHYS

1. T. Australis

G. SCOMBER

1. S. Rotleri
2. S. Necalatus

Published as the Act directs June 2.1612 by Longman, Hurst, Reed, Orme & Brown at the Water Peer.
**Genus Scomber**


*Published as the Act directs, July 812, by Longman Hurst, Rees, Orme & Brown, Paternoster Row.*
ICHTHYOLOGY.
ORDER THORACI.

PLATE.

G. MULLUS
Mullet

GENUS TRIGLA
Gurnard


Published as the Act directs, June 1812, by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
ICHTHYOLOGY
ORDER ABDOMINALES

G. ANABLEPS
5. A. otophthalmus
FOUR EYED
G. PLATYCHICHUS
6. G. angulatus
EEL SHAPED
**ICHTHYOLOGY.**

**ORDER ABDOMINALES.**

**PLATE II**

1. *Listularia* 
   - Tobacco Pipe Fish

2. *Esox argentino* 
   - Sea Pike or Gar Fish

3. *E. chinensis* 
   - Chinese Tobacco P.E.

4. *E. gasterostigma* 
   - Spotted Tobacco P.E.

5. *E. brasiliensis* 
   - Brazilian P.

6. *E. robustus* 
   - Brazilian P.

7. *E. maculatus* 
   - Argentine P.

8. *E. nobilis* 
   - European P.

Published as the act directs, July 1, 1826, by Longman, Hurst, Rees, Orme, & Brown, Paternoster Row.
ICHTHYLOGY.
ORDER ABDOMINALES.

GENUS EXOCOTES

(Flyingfish)
4. E. volans
5. E. caesius
6. E. mesogaster

COMMON Atherine Tang M.
GREY M. MEDITERRANEAN FE.
SWALLOW TAIL ATLANTIC FE.

GATHERINE

(Atherine)
1. A. Repetus
2. M. Tang
3. M. Cephalus

GATHERINE MULLET
(Mullet)

PUBLISHED AS THE ACT DIRECT. FEB. 15, 1809, BY LONGMANS, HURST, REES & ORME, PATERNOSTER ROW.
G. POLYMENICUS
Polyemer
1. P. Bund一世
2. P. Decimactylus
3. P. Briseis
4. P. Parthenopaeus
5. P. Parthenopaeus
6. P. Phoebus
7. P. Phoebus

G. CLUPEA
Herring
1. C. Traxa
2. C. Nasus
3. C. Guttulus
4. C. Auratus
5. C. Auratus
6. C. Auratus
7. C. Phalana

GENUS CYPHINUS
Parram
1. C. Phoebus
2. C. Phoebus
3. C. Phoebus
4. C. Phoebus
5. C. Phoebus
6. C. Phoebus
7. C. Phoebus

Published as the Act directs. May 11th 1812 by Longman, Hurst, Rees, Orme, and Brown, Paternoster Row.
GENUS OSTRACION. Trunk fish

Order BRANCHOSTEGI.

1. O. bicirrhus
   BICCIRRHUS TP
2. O. quadricornis
   FOUR HORNED TP
3. O. cornutus
   HORNED TP
4. O. bicirrhus
   BICCIRRHUS TP
5. O. quadricornis
   FOUR HORNED TP
6. O. cornutus
   HORNED TP

Published at the Act directs May 1, 1825 by Longman, Hurst, Rees, Orme and Brown, Paternoster Row

Mills sculp.
Genus Balistes

1. B. vetula
   Old Wife or Tile fish

2. B. maculatus
   Spotted OW

3. B. aculeatus
   One Horned OW

4. B. monoceros
   Old Wite ov Vile fish
CUTTHYNOLOGY.
ORDER CHONDROPTERYGI.

PLATE II

GENUS SQUILLUS
(Shark)
1. S. Glacius
2. S. Catalus
3. S. Squitina
4. S. Zephyra

GENUS SPITULARIA
5. S. Zebra
6. S. Sp. reticulata

BLUE S. LESSER SPOTTED DOG FISH
ANGELS
HAMMERHEADED S.
ZEBRA S.
RUTICULATED S.
ENTOMOLOGY
Order Coleoptera.
GENUS SCARABEUS

S. Chorinus = S. Chorinzaus
S. Carnifer
S. Sacer
S. Molosus

Published as the Act directs. Augment 1810 by Longman, Hurter Bros & Orme Furrmaster Row.
ENTOMOLOGY.

Order Coleoptera

GENUS GOLIATHUS
ENTOMOLOGY.

Order Coleoptera.

1. L. cervus
2. L. inermis
3. D. viginti guttatus
4. D. sexdentatus
5. D. brachypenus
6. D. pedicularius
7. L. picipes
8. S. hemanthridalis
9. S. rufipes
10. S. quadri guttata

Published as the Act directs, Jan. 1 1814, by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
ENTOMOLOGY.

Order Coleoptera.

GENUS BOSTRICHUS  GPTINUS  G.HISTER  G.GYRINUS  G.GYRINUS.

PLATE V

1. B. pubiscens
2. B. typographus
3. B. piniperda
4. B. scotias
5. B. sex punctatus
6. B. sexpunctatus
7. B. faccinoris
8. B. faccinoris
9. H. unicolor
10. H. planus
11. G. nator
12. G. nator

Published as the Act directs Aug. 1, 1813 by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
Order Coleoptera.

NB. Cistela is a Fabrician genus & answers to the Cryptocephalus of Linnæus.

GENUS BIRRHUS, G. ERYTHREUS, G. CISTELA, G. SILPHA, G. MELYRIS

5. C. lepturus
6. S. gemmata
7. S. schrophularia
8. S. vespiillo
9. S. pallida
10. S. tharacica
11. S. quadrimaculata
12. S. obscura
13. M. viridis

Published as the Act directs Dec. 1.1813 by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
ENTOMOLOGY.
Order Coleoptera

GENUS OPATRUM

GTRITOMA GTRITOMI G CASSIDA


* magnified 4 under magnify

Published as the Act direct by Longman, Hurst, Rees, Orme & Brown Paternoster Row
ENTOMOLOGY.

Order Coleoptera

GENUS COCCINELLA

1. C. septem-notata
2. C. 4 pustulata
3. C. punctata
4. C. analis
5. C. parvula
6. C. 6 pustulata

Published as the Act directs Nov 1, 1813 by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
ENTOMOLOGY. Order Coleoptera. GENUS CHRYSOMELA.

Published as the Act directs, Dec. 1813, by Longman, Hurst, Rees, Orme, & Brown, Paternoster Row.
ENTOMOLOGY.
Order Coleoptera.

GENUS CRYPOTCEPHALUS. G. CHIOCERIS. G. HISPA. G. BRYCHUS. G. PAUSTS.

1. Phichteli
2. P.pecticus
3. * magnified
4. Cry.lobatus
5. Cry. obscurus
6. Cry. campestris
7. P. punctatus
8. Cry. thoracicus
9. H. mutica
10. B. lipunctatus
11. P. denticornus
12. P. thoracicus

Published as the Act directs, May 1616. by Longman, Hurst, Rees, Orme, & Brown, Paternoster Row.
ENTOMOLOGY.
Order Coleoptera.

GENUS CERAMBYX: G. PRIONUS, G. LAMMA, G. CLYTUS
G. SAPERDA, G. RHAGEUM.

S. collaris
C. imperialis
L. quadramaculata
P. longimanus
P. thoracicus
P. onidentatis
P. nigro-virens
R. bifasciatum

Published as the Act directs Oct 1st 1840 by Longman Hurst Rees Orme & Brown London Waterton.
ENTOMOLOGY
Order Coleoptera
GENUS DITICES

1. D. piceus
2. D. latissimus
3. D. marginatus
4. D. cinctus
5. D. marginatus
6. D. sulcatus
7. D. minutus
8. D. bipustulatus
9. D. uliginosus

Published as the Act directs, Jan. 1, 1814, by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
ENTOMOLOGY.
Order Coleoptera.

GENUS TENEBRIO, G. TIMELLA, G. HELOPS.

1. T. gigas
2. T. femoratus
3. T. molitor
4. T. sexspinosus
5. T. eustigmaticus
6. T. fuscipes
7. P. greges
8. P. septemfasciatus

Published at the cost of the Rev. Mr. W.T. Longman, by Hurst, Rees, Orme & Brown, Paternoster Row.
ENTOMOLOGY.

Order Coleoptera.

G. LYTTA — G. MELOE — G. MORDELLA — G. MILBRIS — G. STAPHYLINUS — G. FORFICULA.

Published as the Act directs, Dec. 1, 1813, by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
ENTOMOLOGY.

Order Hemiptera.

Genus Mantis.

M. Precavia.

M. Gongylodes.

M. Strumaria.

Blatta Orientalis.

Mantis Bispinosa.
ENTOMOLOGY.

Order Hemiptera.

Genus Gryllus.
Order Lepidoptera.
Genus PAPILIO.
Order Lepidoptera

Genus SPHINX
ENTOMOLOGY.

ORDER NEUROPTERA.


Libellula virgo
Libellula linearis
Libellula indicia
Ephemera vulgata
Phryganea varia
L. puella

Published as the Act directs, April 1728, by Longman, Hurst, Rees, and Orme, Patentee Row.
ENTOMOLOGY.

ORDER NEUROPTERA.

GENUS Ascalphus, Hemerobius, Myrmeleon, Panorpa, Raphidia.

A. Americanus
R. Ophiopsis
H. Chrysops
F. Communis
M. Libelluloides
P. Communis
P. Cua
R. Ophiopsis
A. Barbarus

Published as the Act directs Sep. 1811 by Longman, Hurst, Rees, Orme, and Brown, Paternoster Row.
ENTOMOLOGY.
Order Hymenoptera.

GENUS A.MMOPHILA, G.SCOLIA, G.THYNNUS, G.LECCOPSIS, G.TIPHIL.G.CILICIS, G.CHRYYSIS.

8 Chr. splendida
9 Chr. amethystina
10 Chr. fasciata
11 Chr. ignita
* magnified

Published as the Act directs, March 1, 1614, by Longman, Hurst, Rees & Brown, London.
Order Hymenoptera.
ENTOMOLOGY.
Order Diptera.

GENUS TABanus G. Culex G. Empis G. Stomoxys

PLATE IV

10 S. rostrata
11 S. irritans
12 S. calcitrans
13 S. pungens
14 magnified female

Published as the Act directs Feb 1. 1814 by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.

Mills only.
ENTOMOLOGY.
Order Aptera.

GENUS LEPISMA

G. PODURA
G. TERMES

L. punctata
L. obscura

Great African White Ant


Published as the Act directs, Feb. 21. 1819, by Longman, Hurst, Rees, Orme, and Brown, at 4, Chester Street, Strand.
ENTOMOLOGY.

Order Apta

GENUS PEDICULUS... G. PULS. G. ACARUS. G. FROMBIHUM G. HYDRAVNA

Louse: Flea

Published as the Act directs. June 1, 1814. by Longman, Hurst, Rees, Orme, Brown, and Stock. London.
Order CANCR
GENUS DORIPPE..GENUS DORMIO.

Cancer facicularis

Dorippe Facchino

Cancer ruricola

Dormio artiflexa
CRUSTACEA.

Order CANCER.

GENUS PAGURUS...G.GAMMARUS...G.GAMMARELLUS.
Vermes.
Order Intestina.

PLATE III.

Published as the Act directs May 1 1818 by Longman Hurst Rees Orme & Brown, Paternoster Row.
Order Intestina.
Genus Tania.

Published as the Act directs March 1st 1806 by Longman Hurst Rees Orme & Brown Paternoster Row.
VERMES.
Order Mollusca.


LINNEXO. 2. SEA HARE. 3. SEA LEMON. 4. RADIATED D. 5. PAPILLOUS D. 6. SEA MOUSE. 7. SCALY SEA MOUSE.

Published as the Act directs April 16th by Longman Hurst Race Orme & Brown, Hanover-row.
Published as the Act directs, April 1st, 1812, by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
Vermes.
Genus Actinia.
Class VERMES, Order MOLLUSCA, Genus HOLOTHURIA.
VERMES.
Order Mollusca  Genus Medusa

Published as the Act directs. 1813 by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
PLATE III

VERMEOLEGY.

GENUS ASTERIAS \or Sea Star

VERMES MOLLUSCI


Published as the Act Directs May 2181 by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
GENUS CHITON

C. aculeatus
C. squamosus
C. arundo
C. olivaceus

Published as the act directs. June 1st 1833 by Longman Hurst Rees Orme & Brown Paternoster Row.
CONCHOLOGY.
GENUS SOLE A

S. radiatus inside
S. radiatus
S. striatus
S. rapaxus
S. vagina
Exone
S. vagina veiio
milk
CONCHOLOGY

GENUS TELLINA—GENUS CARDIUM

PLATE V

C. edule var.

T. radiata

C. laevigatum

T. fabulata

T. radiata var.

Cardium aculeatum

T. tubata

C. medium

T. squamata

T. bimaculata

Published as the Act directs, June 22nd by Longman, Hurst, Rees & Orme, Paternoster Row.
CONCHOLGY.

Mya radiata
Vi Islandica
Mya truncata
Chama Cer

Published as the Act directs the 7th day by Longman Hurst Rees Orme Brown in London.
CONCHOLOGY.

GENUS BULLA, G. CONUS, G. TURBO, G. HELIX, G. NAUTILUS.

Bilignaria

C. Ammiralis var.
Curacao Cn. C.

C. Ammiralis var.
Southern Cn. C.

C. Ammiralis var.
Banded Cedo null. Cune.

C. Ammiralis var.
Marbled Cn. C.

C. Triangularis

N. carena

H. hortensis
ORDER UNIVALVE.
Genus Maxes.

Published on the 1st December 1806 by Longman, Hurst, Rees & Orme.
CONCHOLEGY.

GENUS PATELLA

P. sagittata
P. auricula
P. anatina
P. granatina
P. vulgaris
P. stellata
P. anatina var.

Published as the Act directs Oct 11043 by Longman Hurst Rees Orme & Brown Camden Hock.
CONCHOLOGY
Elementary.


Published as the 1st Series Oct. 1.
PLATE II

CONCHOLOGY.

Elementary.

UNIVALVE.


Published as the Law directs. By John Murray, Strand, London.
CONCHOLOGY.
Elementary
UNIVALVE.

BIVALVES


Published as the Act directs March 1810 by Longman Hurst Rees & Orme Farnoster Row.
ZOOPHYTES.

GENUS TUBIPORA, G. MADREPORA.

Tubipora musica.

M. foliaceus.

Madrepora Agathus.

Published as the Act directs, 1805, by J. Johnson, Bury Lane, St. John's Lane.
ZOOPHYTES.

GENUS MADREPORA.

M. ananas.

M. perites.

M. areolata.

M. gyrosa.

M. Labyrinthica.

M. phyrgia.

Published as the Act directs April 9th 1811 by Longman Hurst Rees in Great Cumberland Row.
ZOOPHYTES.

GENUS ISUS — GENUS ANTIPHYTES.

I. Caecina

L. Hippurus

A. Subpinnata

A. Myriophylla
ZOOPHYTES.

GENUS GORGONIA.

Sea Fan

Published as the 1st Series. June 1st 1794 by Longman, Hurst, Rees & Orme, Paternoster Row.
ZOOPHYTES.
GENUS ALCYONIUM — GENUS SPONGIUM

S. Protifera
S. Palmata
S. Coronata
A. Gorgonoides
S. Tubulosa

Published as the Act directs Nov. 1, 1828 by Longman, Hurst, Rees & Orme, Paternoster Row.
VERMES.
Order Zoophytes.
GENUS SERTULARIA

Published as the Act directs. May 1st 1813 by Longman Hurst Rees Orme & Brown. Paternoster Row.

Milan sculp
VERMES.
Order Zoophytes.
Genus Hydra.

POLYPE

Fig. 1. H. viridis 2. H. grisea 3. H. fusca 4. 5. 6
Green P. Grey P. Brown P. Clusters of the three species nat. size.


Published as the act directs March 1 1814 by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
ANIMALCULES.

CLASS VERMES.

Order Infusoria.

GENUS BRACHIONUS

Quadvidentatus

Sirialus

Iphtae

Uccamatus

Quadridentatus

G H VORTICELLA

Anastatica

Anastatica

Anastatica

Polpinis

Umbellatus

Pynoria

Digitatis

Opercularia

Nebuliacea

 Classes:

- Monandria
- Dianandria
- Triandria
- Tetrandria
- Pentandria
- Hexandria
- Heptandria
- Octandria
- Enneandria
- Decandria
- Dodecandria
- Icosandria

Published as the 4th series, June 1807 by Longman & Rees, No 13, Paternoster Row.
BOTANY.

Classes.

POLYANDRIA

POLYADELPHIA

MONADELPHIA

Didynamia

Tetradynamia

Polyadelphia

Syngenesia

Gynandria

Monoecia

Dioecia

Polygama

Cryptogama
BOTANY

Fungi

MERULUS charunus.

AURICULARIA rolum.

NIDULARIA campanulata.

TUBER charunum.

CYATHUS minutus.

a. TRICHA denuleta
b. ....... nuda.

c. SPILERIA digitata.
d. ....... bombardica.

URED0 segetum.

ACIDUM anemonae.

RUZOMORPHIA phosphorea.
PLATE IV.

Class VI. CARYOPHILLOUS

Class IX. LILLACEOUS

Published as the Act directs Jan. 18th, 1808, by Longman, Hurst, Rees, Orme, & Brown, Paternoster Row.
VEGETABLE ANATOMY.

Branches, Buds, Bulbs.

Fig. 2.

Published as the Act directs. El 57 H 7. by Longman, Hurst, Bree & Co. Hanover Row.
Mount Vesuvius,
as seen from the Bay of Naples.

Published as the Act directs, Sept 1802 by Longman & Rees, Paternoster Row.
THE CRATER OF MOUNT VESUVIUS.
A Sketch of the Arrangement of the Strata through England by R. Bakewell. Lat. 51° 35' to 51° 45'.

Fig. 2.

A Section of the Strata through part of Dorsetshire & Devonshire by R. Bakewell.

Fig. 3.

Fig. 4.

Published as the Act directs by Longman, Hurst, Rees, Orme & Brown, Paternoster Row.
GEOLOGY.

Columnar and amorphous Basalt intersected by Basaltic Dykes

Fig. 2.

Limestone Broken and inclosed in Basalt

Fig. 4.

Whinstone Dykes or Basaltic Veins passing through

Intersection of Metallic Veins

Chalk and Changing it into Marble

Plan of a Coal Mine and mode of Ventilating

Published in the year 1826 by Longman, Hurst, Rees, Orme, and Brown, Paternoster Row, London.
ENCRINUS
Stone Lily

Transverse Section of the Lily Head.

L.H. broken transversely.

Bottom of the L. Head.

Published as the Act directs. Jan. 31, 1799, by Longman, Hurst, Rees, Orme, and Brown, Paternoster Row.
CRYSTALLOGRAPHY.

ADAMANTINE SPAR

Figs. 1, 4, 5, 7

FELSPAR

Figs. 8, 9, 10, 11, 12, 13, 14, 15, 16

Published as the Act directs, by G. & W. B. Whiampch. Westminster.
CRYSTALLOGRAPHY.

CRYSTALLIZATION, THEORY OF.

Fig. 34

Fig. 38

Fig. 35

Fig. 36

Fig. 46

Fig. 48

Fig. 50

Fig. 52

Fig. 54

Published as the Act directs May 1803. by Longman & Rees, Paternoster Row.

Engraved by Wilson Loery.
CRYSTALLOGRAPHY.

CRYSTALLIZATION, THEORY OF.

Fig. 79. Fig. 80.

Fig. 83. Fig. 85.

Fig. 87.

PLATE VI.

Published as the Act directs, May 27, 1828, by Longman & Rees, Paternoster Row.

Engraved by William Lowsley.
CRYSTALLIZATION.

Plate VII

See Mineralogy Appendix.

Figure 1. Cube, Prism.
Figure 2. Rhombic Prism.
Figure 3. Rhombic Dodecahedron.
Figure 4. Tetrahedron.
Figure 5. Tetragonal Dodecahedron.
Figure 6. Pentagonal Dodecahedron.
Figure 7. Rhomboidal Dodecahedron.
Figure 8. Regular Octahedron.
Figure 9. Double-sided Pyramid.
Figure 10. Double eight-sided pyramid.
Figure 11. Toroid.

TRUNCATION

- On the Angles (Fig. 16)
- On the Edges (Fig. 17)
- On all the Edges (Fig. 18)
- On the lateral Edges (Fig. 19)
- On the lateral planes (Fig. 20)
- On the alternating lateral planes (Fig. 21)
- On the lateral edges (Fig. 22)
- On the lateral planes (Fig. 23)
- On the alternate lateral edges (Fig. 24)
- Double, four-sided prism (Fig. 25)

ACUMINATION

- On the lateral planes (Fig. 26)
- On the lateral planes (Fig. 27)
- On the lateral planes (Fig. 28)
- Double, right-sided prism (Fig. 29)

BEVELMENT

- On the Angles (Fig. 30)
- On all the Edges (Fig. 31)
- On the lateral Edges (Fig. 32)
- On the lateral planes (Fig. 33)
- On the lateral edges (Fig. 34)
- On the lateral planes (Fig. 35)
- Double, four-sided prism (Fig. 36)

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MINERALOGY.

MINING

Published as the Act directs, Jan. 1802, by Longman & Rees, Paternoster Row.

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