



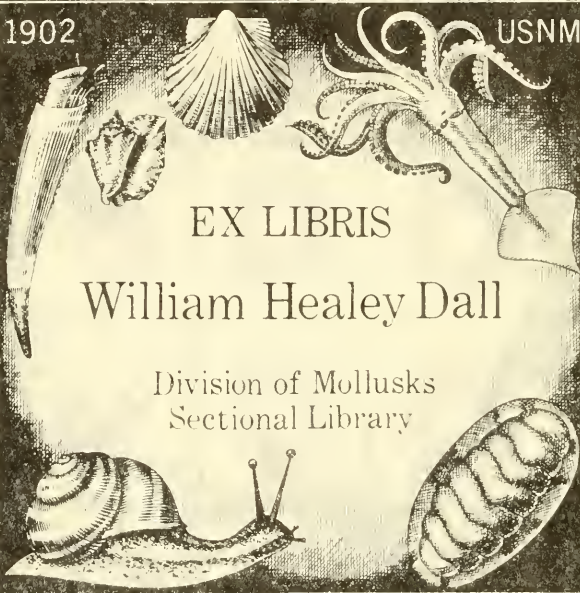
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*J. C. Moore  
from Dr. Gray*

**FIGURES**

OF

**MOLLUSCOUS ANIMALS,**

SELECTED FROM

VARIOUS AUTHORS.

ETCHED FOR THE USE OF STUDENTS.

BY

MARIA EMMA GRAY.

VOL. IV.

EXPLANATION OF PLATES AND LIST OF GENERA.

LONDON:

LONGMAN, BROWN, GREEN AND LONGMANS.

PATERNOSTER ROW.

1859.

*2nd edition  
1-21 plates was published in 1857*

PRINTED BY TAYLOR AND FRANCIS,  
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## P R E F A C E.

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THE tracings from which these Etchings of Molluscous Animals have been taken, were originally made by Mrs. GRAY, for my use, with the view of their being added to my collection of figures of Shells, and to aid me in their arrangement. Hoping that others may find such a collection of figures (many of them copied from expensive works, and brought together from sources not easily accessible to Conchologists in general) as useful as they have been to myself, I induced Mrs. GRAY to make slight etchings of them, which afforded her an interesting occupation when she has been confined to the house by ill health.

Some of the earlier figures, it should be stated, were taken from tracings made with no intention of their being copied, and intended only to represent the leading features of the original; and this circumstance will explain why, in a few instances, the etchings do not convey all the characters of the original figure.

As the present work has been a labour of love, in order to bring it within the reach of Conchologists of

limited means, it is published at the cost of paper and printing.

The three volumes of plates now published complete the series of Gasteropodous and Pteropodous Mollusca. They form, I believe, the largest number of figures of the species of these animals that has hitherto been brought together in one work.

The explanations of the plates have been formed into a separate volume, for the purpose of more easy consultation; and to carry out this view, the references to the plates forming the first volume of the series have been reprinted. To this part of the work has been added a systematic distribution of the species figured, with the characters of the orders, families, and their subdivisions, and a list of the genera of Mollusca and their synonyma, originally printed in the Proceedings of the Zoological Society for 1847.

The series of plates containing the Conchiferous Mollusca is in hand, and will be published at a future period.

JOHN EDWARD GRAY.

BRITISH MUSEUM,  
February 12, 1850.

FIGURES  
OF  
MOLLUSCOUS ANIMALS.

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EXPLANATION OF THE PLATES.

TAB. 1.

Figs. 1, 2, 3. *Pteroceras Lambis*, *Lam.* 1. Female. *Quoy, Voy. Astrol.* t. 50. f. 6.—2. Male, t. 50. f. 12.—3. A sketch of the animal, showing the parts as they lay in the shell, from a design of M. De Blainville. *Freycinet's Voy.* t. 70. f. 5.

TAB. 2.

1. *Strombus Auris-Dianæ*. *Quoy, Voy. Astrol.* t. 51. f. 1. Female.
2. *Strombus variabilis*; male. *Quoy, Voy. Astrol.* t. 51. f. 12.
3. *Strombus Canarium*; female. *Quoy, Voy. Astrol.* t. 51. f. 10.
4. *Strombe de Vanikoro*. *Voy. Astrol.* t. 51. f. 7–10.
5. *Strombus plicatus*; male. *Quoy, Voy. Astrol.* t. 51. f. 5.
6. *Strombus Luhuanus*; female. *Quoy, Voy. Astrol.* t. 51. f. 3.

TAB. 3.

1. *Triton cutaceum*; male. *Chiaje, Test. D. Sicil.* iii. t. 49. f. 5.
2. *Triton succinetum*. *Chiaje, Test. D. Sicil.* iii. t. 48. f. 14.
3. *Triton noduliferum*. *Chiaje, Test. D. Sicil.* iii. t. 49. f. 9.  
Male, diminished to  $\frac{1}{4}$  its natural length.
4. *Triton* ———? male (contracted). *Bowd. El. Conch.* t. 18. f. 4.

TAB. 4.

1. *Triton tuberosum*. *Quoy, Voy. Astrol.* t. 40. f. 18.
2. *Triton bufonium*. *Quoy, Voy. Astrol.* t. 40. f. 11.
3. *Triton pileare*; male. *Quoy, Voy. Astrol.* t. 40. f. 13.
4. *Triton graniferum*. *Quoy, Voy. Astrol.* t. 40. f. 21.
5. *Triton Spengleri*. *Quoy, Voy. Astrol.* t. 40. f. 1.
6. *Triton tuberosum*, var. *Quoy, Voy. Astrol.* t. 40. f. 19.



## TAB. 5.

1. *Fusus lineolata*. Quoy, *Voy. Astrol.* t. 30. f. 15.
2. *Buccinum flammulatum*. Quoy, *Voy. Astrol.* t. 30. f. 29.
3. *Struthiolaria crenulata*. Quoy, *Voy. Astrol.* t. 31. f. 8.
4. *Bucc. fasciolata*. Quoy, *Voy. Astrol.* t. 34. f. 19.
5. *Fusus lineatus*. Quoy, *Voy. Astrol.* t. 34. f. 6.
6. *Aporrhais Pes-pelecani*. Chiaje (Poli), iii. t. 48. f. 7.
7. *Buccinum cinctum*. Quoy, *Voy. Astrol.* t. 30. f. 7.
8. *Buccinum violaceum*. Quoy, *Voy. Astrol.* t. 30. f. 33.

## TAB. 6.

1. *Murex trunculus* ; male. Chiaje, *Mol. D. Sicil.* iii. t. 49. f. 7.
2. *Murex tenuispina*. Quoy, *Voy. Astrol.* t. 36. f. 3.
3. *Murex Brandaris* ; male. Chiaje, *M. D. Sicil.* iii. t. 49. f. 8.

## TAB. 7.

- 1 & 2. *Murex Brandaris*. *Ann. Sci. Nat.* vol. xiv. t. 10. f. 1, 2.
3. *Murex zelandicus*. Quoy, *Voy. Astrol.* t. 36. f. 5.
4. *Murex octogonus*. Quoy, *Voy. Astrol.* t. 36. f. 9.
5. *Murex ricinuloides*. Quoy, *Voy. Astrol.* t. 36. f. 13 & 15.
6. *Murex palma-rosæ*. Quoy, *Voy. Astrol.* t. 36. f. 11.

## TAB. 8.

1. *Turbinellus nassatulus*. Quoy, *Voy. Astrol.* t. 35. f. 17.
2. *Fusus lignarius*. Chiaje, *M. D. Sicil. (Poli)*, iii. t. 48. f. 16.
3. *Turbinellus lineatus*. Quoy, *Voy. Astrol.* t. 35. f. 14.
4. *Fasciolaria tarentina*. Chiaje, *M. D. Sicil.* iii. t. 49. f. 3.
5. *Fasciolaria filamentosa*. Quoy, *Voy. Astrol.* t. 35. f. 2.
6. *Turbinellus rusticus*. Quoy, *Voy. Astrol.* t. 35. f. 21.
7. *Turbinellus polygonus*. Quoy, *Voy. Astrol.* t. 35. f. 12.
8. *Turbinellus cornigerus*. Quoy, *Voy. Astrol.* t. 35. f. 24.  
Animal pale olive, darker spotted.

## TAB. 9.

1. *Fusus raphanus*. Quoy, *Voy. Astrol.* t. 31. f. 5, 6. a. the operculum.
2. *Fusus* ——. Chiaje, *M. D. Sicil.* iii. t. 48. f. 3.
3. *Fusus australis*. Quoy, *Voy. Astrol.* t. 34. f. 9-11.
4. *Buccinum undatum*. Müller, *Zool. Dan.* t. 50. f. 1 ; reduced.
5. *Fusus dilatatus*. Quoy, *Voy. Astrol.* t. 34. f. 15.

## TAB. 10.

1. *Conus textilis*. Quoy, *Voy. Astrol.* t. 53. f. 16.
2. *Conus Miles*. Quoy, *Voy. Astrol.* t. 52. f. 11.
3. *Conus figulinus*. Quoy, *Voy. Astrol.* t. 52. f. 3.
4. *Conus hebræus*. Quoy, *Voy. Astrol.* t. 52. f. 5.
5. *Conus marmoreus*. Quoy, *Voy. Astrol.* t. 52. f. 4.
6. *Conus striatus*. Quoy, *Voy. Astrol.* t. 52. f. 10.

7. *Conus bandanus*. *Blainv. Freycinet Voy.* t. 69. f. 8.
8. *Conus pulicarius*. *Quoy, Voy. Astrol.* t. 52. f. 8.

## TAB. 11.

- 1 & 2. *Strombus* (Jamar). *Adans. Voy. Sen.* t. 6. f. 1.
3. *Conus raphanus*. *Quoy, Voy. Astrol.* t. 52. f. 1.
4. *Conus rusticus*. *Chiaje (Poli), Moll. de Sic.* iii. t. 45. f. 6.
5. *Conus sanguinolentus*. *Quoy & Gaim. Astrol.* t. 53. f. 18.
6. *Voluta rustica*. *Chiaje (Poli)*, iii. t. 46. f. 40.
7. *Conus rusticus*. *Chiaje (Poli)*, iii. t. 45. f. 5.
8. *Conus bandanus*. *Blainv. Freycinet Voy.* t. 69. f. 7.

## TAB. 12.

1. *Conus betulinus*. *Quoy, Voy. Astrol.* t. 52. f. 2.
2. *Conus tulipa*. *Quoy, Voy. Astrol.* t. 53. f. 2.
3. *Conus lividus*. *Quoy, Voy. Astrol.* t. 53. f. 21.
4. *Conus lacteus*. *Quoy, Voy. Astrol.* t. 53. f. 22.
5. *Conus tæniatus*. *Ehrenberg, Sym. Phy. Moll.* ii. t. 2. f. 3.
6. *Conus sumatrensis*. *Ehrenberg, S. P. Moll.* ii. t. 2. f. 2.
7. *Conus luteus*. *Quoy, Voy. Astrol.* t. 53. f. 23.
8. *Conus arenatus*. *Ehrenberg, S. P. Moll.* ii. t. 2. f. 4.
9. *Conus arenatus*. *Quoy, Voy. Astrol.* t. 52. f. 9.

## TAB. 13.

1. *Concholepas peruviana*; male. *Less. Ill. Zool.* t. 27. f. A.
2. *Purpura haustum*. *Quoy, Voy. Astrol.* t. 37. f. 6.
3. *Concholepas peruviana*. *Lesson, Illus. Zool.* t. 27. f. C.
4. *Ricinula horrida*. *Blainville in Freycinet Voy.* t. 75. f. 6.
5. *Purpura ascensionis*. *Quoy, Voy. Astrol.* t. 37. f. 22.
6. *Purpura haustum*. *Quoy, Voy. Astrol.* t. 37. f. 7.
7. *Bucc. testudineum*, var. *Quoy, Voy. Astrol.* t. 30. f. 15.

## TAB. 14.

1. *Buccinum testudineum*. *Quoy, Voy. Astrol.* t. 30. f. 8.
2. *Bucc. testudineum*, var. *Quoy, Voy. Astrol.* t. 30. f. 12.
3. *Bucc. testudineum*. *Quoy, Voy. Astrol.* t. 30. f. 10.
4. *Purpura armigera*. *Quoy, Voy. Astrol.* t. 37. f. 18.
5. *Purpura coronata*. *Adanson, Senegal*, t. 7. G. ii.
6. *Purpura textilosa*; male. *Quoy, Voy. Astrol.* t. 37. f. 1.

## TAB. 15.

1. *Dolium perdix*; female. *Quoy, Voy. Astrol.* t. 41. f. 1.

## TAB. 16.

1. *Dolium galea*. *Chiaje, Test. D. Sicil.* iii. t. 47. f. 3.
2. *Cassis* ——. *Chiaje, Test. D. Sicil.* iii. t. 48. f. 1.
3. *Cassis glauca*. *Quoy, Voy. Astrol.* t. 43. f. 9.

## TAB. 17.

1. *Dolium olearium*. *Quoy, Voy. Astrol.* t. 41. f. 9.
2. *Dolium pomum*. *Quoy, Voy. Astrol.* t. 41. f. 10.
3. *Cassidaria Thyreus*. *Chiaje, Test. D. Sicil.* iii. t. 48. f. 6.

## TAB. 18.

1. *Oliva sanguinolenta*. *Quoy, Voy. Astrol.* t. 46. f. 6.
2. *Oliva textilina*. *Quoy, Voy. Astrol.* t. 46. f. 1.
3. *Oliva elegans*. *Quoy, Voy. Astrol.* t. 46. f. 2.
4. *Oliva erythrostoma*. *Quoy, Voy. Astrol.* t. 46. f. 7.
5. *Oliva maura*. *Quoy, Voy. Astrol.* t. 46. f. 20.

## TAB. 19.

- 1, 2 & 3. *Ancillaria albisulcata*. *Quoy, Voy. Astrol.* t. 49. f. 5-7.
4. *Voluta*, sp. *Forskael, Faun. Arab.* t. 40. f. F.
5. *Ancillaria australis*. *Quoy, Voy. Astrol.* t. 49. f. 13.

## TAB. 20.

1. *Buccinum achatinum*. *Quoy, Voy. Astrol.* t. 31. f. 17.
2. *Buccinum lævissimum*. *Quoy, Voy. Astrol.* t. 31. f. 14.
3. *Buccinum lævissimum*. *Blainv. Freycinet Voy.* t. 72. f. 9.

## TAB. 21.

1. *Buccinum areularia*. *Quoy*, t. 32. f. 1.
2. *Buccinum coronatum*. *Quoy*, t. 32. f. 8.
3. *Buccinum thersytes*. *Quoy*, t. 32. f. 22.
4. *Buccinum pauperatum*. *Quoy*, t. 32. f. 5.
5. *Buccinum fasciatum*. *Quoy*, t. 32. f. 18.
6. *Buccinum olivaceum*. *Quoy*, t. 32. f. 13.
7. *Buccinum globosum*. *Quoy*, t. 32. f. 25.
8. *Buccinum reticulatum*. *Quoy*, t. 32. f. 16.
9. *Buccinum* ——. *Chiaje (Poli)*, iii. t. 47. f. 6.
10. *Buccinum* ——. *Chiaje (Poli)*, iii. t. 47. f. 5.
11. *Buccinum areularia?* *Forskael, Icon. Rer. Nat.* t. 40. f. A.
12. *Buccinum* ——. *Chiaje, Moll. Sic.* t. 48. f. 5.

## TAB. 22.

- 1 & 2. *Harpa ventricosa*. *Quoy, Voy. Astrol.* t. 42. f. 1, 2.

## TAB. 23.

- 1 & 2. *Harpa minor*. *Quoy, Voy. Astrol.* t. 42. f. 5, 6.

## TAB. 24.

1. *Buccinum Litiopa*. *Quoy & Gaim. Astrol.* t. 30. f. 27.
2. *Litiopa* ——. *Rang?*
3. *Planaxis nigra*. *Quoy & Gaim. Astrol.* t. 33. f. 23.
4. *Planaxis decollata*. *Quoy & Gaim. Astrol.* t. 33. f. 34, 35, 36.
5. *Magillus antiquus*. *Rüppell, Mém.* t. . f. .



6. *Planaxis sulcata*. *Quoy, Voy. Astrol.* t. 33. f. 28.
7. *Trichotropis bicarinata*. *Sow. Zool. Journ.* vol. iv. t. 9. f. 4, 5.
8. *Buccinum neritineum*. *Chiaje, Moll. Sic.* t. 48. f. 9.
9. *Buccinum cribrarium*. *Quoy & Gaim. Astrol.* t. 30. f. 21.
10. *Barnet*. *Adans. Voy. Sen.* t. 10. G. iii. f. 1.
11. *Columbella*. *Chiaje, Moll. Sicil.* t. 48. f. 6.
12. *Barnet*. *Adans. Voy. Sen.* t. 10. G. iii. f. 1.
13. *Miran*. *Adans. Voy. Sen.* t. 4. f. 1.

## TAB. 25.

1. *Voluta* ——. *Blainv. Freycin. Voy.* t. 71. f. 1. The shell is removed: organs in natural position.
2. *Yetus*. *Adans. Voy. Sen.* t. 3. f. 1.

## TAB. 26.

- 1, 2, 3. *Voluta vespertilio*; female. *Quoy, Voy. Astrol.* t. 44. f. 3, 4, 5.

## TAB. 27.

1. *Voluta undulata*. *Quoy, Voy. Astrol.* t. 44. f. 1.
2. *Voluta fusus*. *Quoy, Voy. Astrol.* t. 44. f. 7.
3. *Voluta pacifica*. *Quoy, Voy. Astrol.* t. 44. f. 6.
4. *Voluta* ——. *Bowd. El. Conch.* t. 18. f. 2.

## TAB. 27\*.

- 1 & 1 a. *Voluta angulata*. *D'Orb. Voy. Amer.* t. 60. f. 1, 2.
2. *Voluta colocynthis*. *D'Orb. Voy. Amer.* t. 60. f. 5.

## TAB. 28.

1. *Mitra nigra*. *Quoy, Voy. Astrol.* t. 45. f. 18.
2. *Mitra corrugata*. *Quoy, Voy. Astrol.* t. 45. f. 10.
3. *Mitra adusta*. *Quoy, Voy. Astrol.* t. 45. f. 8.
4. *Mitra adusta*, var. *Quoy, Voy. Astrol.* t. 45. f. 9.
5. *Mitra retusa*. *Quoy, Voy. Astrol.* t. 45. f. 21.
6. *Mitra episcopalis*. *Quoy, Voy. Astrol.* t. 45. f. 1.
7. *Mitra paupercula*. *Quoy, Voy. Astrol.* t. 45. f. 15.
8. *Mitra stigmataria*. *Quoy, Voy. Astrol.* t. 45. f. 11.

## TAB. 29.

- 1 & 2. *Ovula ovum*. *Blainville, Freycinet Voy.* t. 75. f. 2, 3.

## TAB. 30.

- 1 & 2. *Cypræa tigris*; male. *Blainv. Freycinet Voy.* t. 70. f. 1, 2.
3. *Ovulum ovum*. *Quoy, Voy. Astrol.* t. 47. f. 7.

## TAB. 31.

1. *Cypræa mauritiana*. *Quoy, Voy. Astrol.* t. 48. f. 2.

2. *Cypræa talpa*. Quoy, *Voy. Astrol.* t. 48. f. 1.
3. *Cypræa tigrina*. Ehrenberg, *Sym. Phys.* t. 2. f. 1.

## TAB. 32.

1. *Cypræa tigris*. Quoy, *Voy. Astrol.* t. 47. f. 1.

## TAB. 33.

- 1 & 2. *Cypræa erosa*. Quoy, *Voy. Astrol.* t. 47. f. 12, 13.
3. *Ovula angulosa*. Quoy, *Voy. Astrol.* t. 47. f. 3.
4. *Cypræa Caput-Serpentis*. Quoy, *Voy. Astrol.* t. 47. f. 14.
5. *Ovula angulosa*. Quoy, *Voy. Astrol.* t. 47. f. 5.
6. *Cypræa histrio*. Quoy, *Voy. Astrol.* t. 47. f. 10.

## TAB. 34.

1. *Cypræa arabica*. Quoy, *Voy. Astrol.* t. 48. f. 5.
2. *Cypræa cribraria*. Quoy, *Voy. Astrol.* t. 48. f. 12.
3. *Cypræa variolaria*. Quoy, *Voy. Astrol.* t. 48. f. 6.
4. *Cypræa Nucleus*. Quoy, *Voy. Astrol.* t. 48. f. 11.
5. *Cypræa Vitellus*. Quoy, *Voy. Astrol.* t. 48. f. 8.
6. *Cypræa Annulus*. Quoy, *Voy. Astrol.* t. 48. f. 15.
7. *Cypræa australis*. Quoy, *Voy. Astrol.* t. 48. f. 24.
8. *Cypræa olivacea*. Quoy, *Voy. Astrol.* t. 48. f. 13.
9. *Cypræa Moneta*. Quoy, *Voy. Astrol.* t. 48. f. 17.

## TAB. 35.

1. *Cypræa rufa*. Chiaje (Poli), iii. t. 45. f. 18.
2. *Peribolus*. Adans. *Voy. Sen.* t. 5. G. iii.
3. *Cypræa*. Chiaje (Poli), iii. t. 45. f. 15.
4. *Majet*. Adans. *Voy. Sen.* t. 5. G. 9. f. 1.
5. *Cypræa tigrina*. Forskael, *Icon. Rer. Nat.* t. 40. f. E.
6. *Cypræa tigris* ♀. Quoy, *Voy. Astrol.* t. 49. f. 1.

## TAB. 36.

1. *Cypræa europæa*. M. E. Gray's MSS.
2. *Ovula verrucosa*. Quoy, *Voy. Astrol.* t. 47. f. 8.
3. *Cypræa Isabella*. Quoy, *Voy. Astrol.* t. 48. f. 18.
4. *Cypræa Pediculus*. Guerin's *Iconograph. Moll.* t. 16. f. 5, 5a.
5. *Cypræa*. Lieut. Nelson's MSS.
6. *Cypræa norvegica*. Sars, *Besc.* t. 12. f. 35.

## TAB. 37.

1. *Turbo marmoratus*. Quoy, *Voy. Astrol.* t. 59. f. 10.

## TAB. 38.

1. *Turbo Smaragdus*. Quoy, *Voy. Astrol.* t. 60. f. 6.
- 2 & 3. *Turbo undulatus*. Quoy, *Voy. Astrol.* t. 60. f. 9 & 10.
4. *Turbo versicolor*. Quoy, *Voy. Astrol.* t. 61. f. 13.
5. *Turbo tuberculosus*. Quoy, *Voy. Astrol.* t. 60. f. 2.

6. Turbo versicolor. Quoy, *Voy. Astrol.* t. 61. f. 15.  
 7 & 8. Rotella lineolata. Quoy, *Voy. Astrol.* t. 61. f. 29, 30.  
 9. Turbo fimbriatus. Quoy, *Voy. Astrol.* t. 61. f. 10.

## TAB. 39.

- 1 & 2. Turbo torquatus. Quoy, *Voy. Astrol.* t. 60. f. 15, 16.  
 3. Trochus obeliscus. Quoy, *Voy. Astrol.* t. 61. f. 20.  
 4. Trochus stellaris. Quoy, *Voy. Astrol.* t. 61. f. 5.

## TAB. 40.

1. Turbo imperialis. Quoy, *Voy. Astrol.* t. 61. f. 1, 2.  
 2. Turbo Cookii. Quoy, *Voy. Astrol.* t. 60. f. 20, 21.  
 3. Trochus elatus. Quoy, *Voy. Astrol.* t. 61. f. 24.

## TAB. 40\*.

1. Trochus diaphanus. Quoy, *Voy. Astrol.* t. 64. f. 1 & 3.  
 2. Trochus limbatus. Quoy, *Voy. Astrol.* t. 63. f. 3.  
 3. Trochus tiaratus. Quoy, *Voy. Astrol.* t. 64. f. 8.  
 4. Trochus ———.  
 5. Trochus striolatus. Quoy, *Voy. Astrol.* t. 63. f. 19, 20.  
 6. Trochus tæniatus. Quoy, *Voy. Astrol.* t. 63. f. 16, 17.  
 7. Trochus constrictus. Quoy, *Voy. Astrol.* t. 63. f. 25.  
 8. Trochus canaliferus. Quoy, *Voy. Astrol.* t. 64. f. 28.  
 9. Trochus zelandicus. Quoy, *Voy. Astrol.* t. 64. f. 14.  
 10. Trochus cingulatus. Quoy, *Voy. Astrol.* t. 64. f. 19.  
 11. Trochus elatus. Quoy, *Voy. Astrol.* t. 61. f. 24.  
 12. Trochus canaliculatus. Quoy, *Voy. Astrol.* t. 64. f. 25.

## TAB. 41.

- 1, 2. Phasianella bulimoides. Quoy, *Voy. Astrol.* t. 59. f. 1, 2.  
 3, 4. Solarium variegatum. Quoy, *Voy. Astrol.* t. 62. f. 24, 25.  
 5. Solarium perspectivum. Quoy, *Voy. Astrol.* t. 62. f. 21.  
 6. Turbo chrysostomus. Cuv. *Anat. Moll.* f. 11.  
 7. Turbo Pica. Cuv. *Anat. Moll.* f. 6.

## TAB. 42.

1. Trochus ———. Chiaje (*Poli*), iii. t. 52. f. 22.  
 2. Trochus ———. Chiaje (*Poli*), iii. t. 52. f. 10.  
 3. Trochus pharonius. Cuv. *An. Moll.* f. 13.  
 4. Trochus ———. Cuv. *An. Moll.* f. 12.  
 5. Trochus cinerarius. Müll. *Zool. Dan.* t. 102. f. 3.  
 6. Trochus ———. Müll. *Zool. Dan.* t. 102. f. 2.  
 7. Monodonta fagaroides. Chiaje (*Poli*), iii. t. 52. f. 20.  
 8. Trochus (merula?). Chiaje (*Poli*), iii. t. 52. f. 18.  
 9. Trochus ———. Chiaje (*Poli*), iii. t. 52. f. 17.

## TAB. 43.

1. Trochus planus. Quoy, *Voy. Astrol.* t. 62. f. 12.

- 2 & 3. *Trochus ziziphinus*. *Chiaje (Poli)*, iii. t. 52. f. 3, 5.  
 4, 5. *Delphinula laciniata*. *Quoy, Voy. Astrol.* t. 62. (4.) f. 28,  
 (5.) f. 26.  
 6. *Trochus rugosus*. *Chiaje (Poli)*, iii. t. 52. f. 33.  
 7, 8. *Osilin*. *Adans. Voy. Sen.* t. 12. G. 8. f. 1.

## TAB. 43\*.

- 1, 2, 3, 4. *Fissurella costata*. *Less. Ill. Zool.* t. 12.  
 5. *Fissurella radiosa*. *Less. Ill. Zool.* t. 10 B.  
 6, 7. *Parmophorus australis*. *Rüpp. At. Faun. Afr. Moll.*  
 t. 10. f. 5 a, b.

## TAB. 44.

1. *Nerita punctata*. *Quoy, Voy. Astrol.* t. 65. f. 41.  
 2 & 3. *Nerita versicolor*. *Quoy, Voy. Astrol.* t. 65. f. 22, 23.  
 4. *Nerita ascensionis*. *Quoy, Voy. Astrol.* t. 65. f. 19.  
 5, 6. *Dunar*. *Adans. Voy. Sen.* t. 13. G. 9. f. 1.  
 7. *Nerita exuvia*. *Cuv. An. Moll.* f. 15.

## TAB. 45.

1. *Neritina reticulata*. *Quoy, Voy. Astrol.* t. 65. f. 4.  
 2. *Neritina brevispina*. *Quoy, Voy. Astrol.* t. 65. f. 10.  
 3. *Neritina communis*. *Quoy, Voy. Astrol.* t. 65. f. 12.  
 4. *Neritina pulligera*. *Quoy, Voy. Astrol.* t. 65. f. 1.  
 5. *Nerita albicella*. *Quoy, Voy. Astrol.* t. 65. f. 17.  
 6. *Nerita plicata*. *Quoy, Voy. Astrol.* t. 65. f. 27.  
 7. *Neritina strigilata*. *Quoy, Voy. Astrol.* t. 65. f. 15.  
 8. *Nerita polita*. *Quoy, Voy. Astrol.* t. 65. f. 31.  
 9. *Neritita amphibia*. *Lesson, Voy. Coq. Moll.* 16. f. 1.

## TAB. 46.

- 1, 2, 3, 4. *Navicella elliptica*. *Quoy, Voy. Astrol.* t. 58. f. 25,  
 26, 27, 28.  
 5, 6. *Navicella elliptica*. *Freycinet, Voy.* t. 71. f. 3, 4.

## TAB. 47.

1. *Ampullaria celebensis*. *Quoy & Gaim. Voy. Astrol.* t. 57. f. 5.  
 2. *Paludina costata*. *Quoy & Gaim. Voy. Astrol.* t. 58. f. 3.  
 3. *Ampullaria fasciata*. *Hardwicke, Icon. ined.*  
 4. *Ampullaria celebensis*. *Quoy, Voy. Astrol.* t. 57. f. 6.

## TAB. 47\*.

1. *Ampullaria Roissii*. *D'Orb. Voy. Amer. Merid.* t. 52. f. 1.  
 2. *Ampullaria zonata*. *D'Orb. Voy. Amer. Merid.* t. 52. f. 7.  
 3. *Ampullaria cornu-arietis*. *D'Orb. Voy. Amer. Merid.* t. 48.  
 f. 7, 8.  
 4. *Ampullaria (asolenc) Platae*. *D'Orb. Voy. Amer. Merid.*  
 t. 49. f. 3.

## TAB. 47\*\*.

1. Ampullaria canaliculata. *D'Orb. Voy. Amer. Merid.* t. 50. f. 5.
- 2, 2 a. Ampullaria scalaris. *D'Orb. Voy. Amer. Merid.* t. 50. f. 1, 2.

## TAB. 48.

1. Ianthina communis. *Lister, Hist. Conchyl.* t. 572. f. 24.
- 2, 2 a. Ianthina communis. *Quoy, Voy. Astrol.* t. 29. f. 1, 2.
- 3, 4. Ianthina nana. *Quoy, Voy. Astrol.* t. 29. f. 5, 6.
- 5, 6, 7. Ianthina communis. *Forskael, Icon. Rer. Nat. Orient.* t. 40. c. 3.

## TAB. 49.

- 1, 1 a. Natica melanostoma. *Quoy, Voy. Astrol.* t. 66. f. 1, 2.
- 2, 2 a. Natica plumbea. *Quoy, Voy. Astrol.* t. 66. f. 13, 14.
3. Natica Marochiensis. *Quoy, Voy. Astrol.* t. 66. f. 16.
4. Natica Marochiensis, var. *Quoy, Voy. Astrol.* t. 66. f. 18.
- 5, 5 a. Natica melanostomoidea. *Quoy, Voy. Astrol.* t. 66. f. 6, 7.
6. Cryptostoma zonalis. *Quoy, Voy. Astrol.* t. 66 (bis). f. 1.

## TAB. 50.

1. Natica glaucina. *Chiaje (Poli)*, iii. t. 55. f. 15.
2. Nerita Canrena. *Cuvier, Moll. mém. sur la Vivip.* §c. f. 14.
3. Natica glaucina. *Chiaje (Poli)*, iii. t. 55. f. 14.
4. Natica Marochisma. *Quoy, Voy. Astrol.* t. 66. f. 18.
5. Natica Mammilla. *Ehrenberg, Symb. Phys. Moll.* t. 2. f. 7.
6. Natica glaucina. *Chiaje (Poli)*, iii. t. 55. f. 14.

## TAB. 51.

- 1, 1 a. Littorina angulifera. *Quoy, Voy. Astrol.* t. 33. f. 2, 3.
- 2, 2 a. Littorina luteola. *Quoy, Voy. Astrol.* t. 33. f. 5, 6.
3. Littorina diemenensis. *Quoy, Voy. Astrol.* t. 33. f. 3.
4. Turbo littoreus. *Cuvier, Anat. Moll.* f. 10.
5. Marnat. *Adans. Voy. Sen.* t. 12. G. 6. f. 1.
- 6, 6 a. Littorina pyramidalis. *Quoy, Voy. Astrol.* t. 33. f. 13, 14.
7. Fossar. *Adans. Voy. Sen.* t. 13. G. 7. f. 1.
8. Assiminea Grayii. *M. E. Gray's MSS.*
9. Trochus pagodus. *Quoy, Voy. Astrol.* t. 62. f. 1.
10. Trochus auratus. *Quoy, Voy. Astrol.* t. 62. f. 17.
11. Trochus nanus. *Quoy, Voy. Astrol.* t. 62. f. 6.
12. Trochus luteus. *Quoy, Voy. Astrol.* t. 62. f. 9.
13. Trochus planus. *Quoy, Voy. Astrol.* t. 62. f. 13.
14. Trochus auratus, var. *Quoy, Voy. Astrol.* t. 62. f. 19.

## TAB. 52.

1. Cerithium sulcatum. *Quoy, Voy. Astrol.* t. 54. f. 22.
2. Cerithium obtusum. *Quoy, Voy. Astrol.* t. 55. f. 19.

3. *Cerithium nodulosum*. *Quoy, Voy. Astrol.* t. 54. f. 5.
- 4, 4 a. *Cerithium ebeninum*. *Quoy, Voy. Astrol.* t. 55. f. 1, 2.
5. *Cerithium vulgatum*. *Chiaje (Poli)*, iii. t. 49. f. 12.
6. *Cerithium læve*. *Quoy, Voy. Astrol.* t. 54. f. 2.
7. *Cerithium Morus*. *Quoy, Voy. Astrol.* t. 54. f. 14.
8. *Cerithium breve*. *Quoy, Voy. Astrol.* t. 54. f. 11.
9. *Cerithium lemniscatum*. *Quoy, Voy. Astrol.* t. 54. f. 17.

## TAB. 53.

1. *Turritella rosea*. *Quoy, Voy. Astrol.* t. 55. f. 24.
2. *Cerithium perversum*. *Chiaje (Poli)*, iii. t. 49. f. 34.
- 3 & 4. *Popel*. *Adans. Voy. Sen.* t. 10. G. 4. f. 1.
5. *Cerithium* ——. *Chiaje (Poli)*, iii. t. 52. f. 49.
6. *Cerithium vulgatum*. *Philippi, Moll. Sic.* t. 11. f. 4.
7. *Turritella terebra?* *Chiaje (Poli)*, iii. t. 52. f. 50.
- 8, 9. *Cerithium vulgatum*; female. *Joannis, Mag. Zool.* 1834, class 5. t. 52.

## TAB. 54.

1. *Melania tuberculosa*. *Rang, Mag. Zool.* 1832, *Moll.* t. 13.
2. *Cerithium Telescopium*. *Quoy, Voy. Astrol.* t. 55. f. 5.
3. *Cerithium Vertagus*, var. *Quoy, Voy. Astrol.* t. 54. f. 24.
4. *Cerithium palustre*. *Quoy, Voy. Astrol.* t. 55. f. 15.
5. *Cerithium diemenense*. *Quoy, Voy. Astrol.* t. 55. f. 12.
6. *Cerithium nodulosum*. *Quoy, Voy. Astrol.* t. 54. f. 7.
7. *Cerithium Aluco*. *Quoy, Voy. Astrol.* t. 54. f. 19.
8. *Melania aurita*. *Rang, Mag. Zool.* 1832, *Moll.* t. 12.

## TAB. 55.

1. *Pirena terebralis*. *Quoy, Voy. Astrol.* t. 56. f. 1.
2. *Melania setosa*. *Quoy, Voy. Astrol.* t. 56. f. 9.
3. *Melania erythrostoma*. *Quoy, Voy. Astrol.* t. 56. f. 17.
4. *Melania celebensis*. *Quoy, Voy. Astrol.* t. 56. f. 28.
5. *Melania truncatula*. *Quoy, Voy. Astrol.* t. 56. f. 3.
6. *Melania uniformis*. *Quoy, Voy. Astrol.* t. 56. f. 32.
7. *Melania spinulosa*. *Quoy, Voy. Astrol.* t. 56. f. 13.
8. *Melania costata*. *Quoy, Voy. Astrol.* t. 56. f. 36.
9. *Melania granifera*. *Quoy, Voy. Astrol.* t. 56. f. 20.
10. *Melania moluccensis*. *Quoy, Voy. Astrol.* t. 56. f. 24.
11. *Melania setosa*. *Quoy, Voy. Astrol.* t. 56. f. 10.
12. *Melania truncatula*. *Quoy, Voy. Astrol.* t. 56. f. 6.

## TAB. 56.

- 1, 1 a. *Vermetus carinatus*. *Quoy, Voy. Astrol.* t. 67. f. 24, 25.
2. *Vermetus reticulatus*. *Quoy, Voy. Astrol.* t. 67. f. 19.
- 3, 3 a. *Vermetus roseus*. *Quoy, Voy. Astrol.* t. 67. f. 20, 21.
4. *Vermetus elegans*. *Quoy, Voy. Astrol.* t. 67. f. 11.
5. *Vermetus giganteus*. *Quoy, Voy. Astrol.* t. 67. f. 13.
6. *Vermetus novæ zelandiæ*. *Quoy, Voy. Astrol.* t. 67. f. 16, 17.



7. *Vermetus tongensis*. *Quoy, Voy. Astrol.* t. 67. f. 18.
8. *Vermetus dentiferus*. *Quoy, Voy. Astrol.* t. 67. f. 28.
- 9, 9 a. *Vermetus grandis*. *Quoy, Voy. Astrol.* t. 67. f. 9, 10.

## TAB. 57.

1. *Vermetus inopertus*. *Rüpp. At. Faun. Afr. Moll.* t. 11. f. 3 a-c.
2. *Vermetus gigas*. *Philippi, Moll. Sic.* t. 9. f. 18, 18 a.
3. *Lementina Cuvieri*. *Riss. Eur. Merid.* iv. t. 2. f. 16, 17.

## TAB. 58.

1. *Vermetus semisurrectus*. *Philippi, Moll. Sic.* t. 9. f. 19.
2. *Siliquaria anguina*. *Philippi, Moll. Sic.* t. 9. f. 24, 24 c.
3. *Vermetus subcancellatus*. *Chiaje (Poli)*, iii. t. 57. f. 18.
4. *Vermetus triqueter*. *Philippi, Moll. Sic.* t. 9. f. 22 a.
5. *Vermetus glomeratus*. *Philippi, Moll. Sic.* t. 9. f. 23 a.
6. *Vermetus gigas*. *Chiaje (Poli)*, iii. t. 57. f. 1.

## TAB. 58\*.

1. *Crepidula tomentosa*. *Quoy, Voy. Astrol.* t. 72. f. 2, 3, 4.
2. *Crepidula costata*. *Quoy, Voy. Astrol.* t. 72. f. 10 & 12.
3. *Crepidula radians*. *D'Orb. Voy. Amer. Merid.* t. 59. f. 3.
4. *Crepidula maculata*. *Quoy, Voy. Astrol.* t. 72. f. 8, 9.
5. *Crepidula aculeata*. *D'Orb. Voy. Amer. Merid.* t. 58. f. 5.
6. *Crepidula patagonica*. *D'Orb. Voy. Amer. Merid.* t. 58. f. 3.

## TAB. 59.

1. *Bulla Columna*. *Chiaje (Poli)*, iii. t. 46. f. 17.
2. *Bulla aplustre*. *Quoy, Voy. Astrol.* t. 26. f. 4.
3. *Bulla glauca*. *Quoy, Voy. Astrol.* t. 26. f. 10, 11.
4. *Bulla ovoidea*. *Quoy, Voy. Astrol.* t. 26. f. 17.
5. *Bulla viridis*. *Quoy, Voy. Astrol.* t. 26. f. 13.
6. *Bulla Ferussacii*. *Blainv. Freycinet Voy.* t. 66. f. 10, 12.
7. *Bulla Physis*. *Quoy, Voy. Astrol.* t. 26. f. 1.
8. *Bulla lutea*. *Quoy, Voy. Astrol.* t. 26. f. 40, 41.

## TAB. 60.

1. *Bulla hirundinina*. *Quoy, Voy. Astrol.* t. 26. f. 20, 21.
2. *Bulla striata*. *Quoy, Voy. Astrol.* t. 26. f. 8, 9.
3. *Bulla smaragdina*. *Ehrenberg, Sym. Phys. Zool. Moll.* t. 1. f. 2.
4. *Bulla smaragdina*. *Rüpp. At. Faun. Afr. Moll.* t. 11. f. 2 a.
5. *Bullæa aperta*. *Cuv. Anat. Moll. Aceres*, f. 9.
6. *Bulla smaragdina*. *Rüpp. At. F. Af. Moll.* t. 11. f. 2. b, c, d.

## TAB. 60\*.

1. *Bulla Hydatis*. *D'Orb. Voy. Amer. Merid.* t. 19. f. 4, 5, 6.

2. *Lobaria quadriloba*. Müll. *Zool. Dan.* t. 100. f. 1.
3. *Bulla Hydatis*. Chiaje (Poli), iii. t. 57. f. 7.
4. *Bullæa granulosa*. Sars, *Besch.* t. 14. f. 4.
5. *Bulla lignaria*. Chiaje (Poli), iii. t. 46. f. 3.
6. *Bulla fragilis*. Blainv. *Man. Mal.* t. 45. f. 7 b.
7. *Bulla Hydatis*. Müll. *Zool. Dan.* t. 71. f. 4.
8. *Gasteroptère de Meckel*. Blainv. *Man. Mal.* t. 45. f. 5.
9. *Bulla cylindrica*. Ehrenberg, *Symb. Phys. Moll.* ii. f. 6.
10. *Bulla aperta*. Montagu, *Brit. Test. Vign.* 2. f. 2.
11. *Bulla Hydatis*. Cuv. *Anat. Moll.* f. 13.
12. *Bulla Ampulla* (the gizzard). Cuv. *Anat. Moll.* f. 22.

## TAB. 61.

1. *Aplysia cirrhifera*. Quoy, *Voy. Astrol.* t. 24. f. 8.
2. *Aplysia gelatinosa*. Quoy, *Voy. Astrol.* t. 24. f. 3, 4.
3. *Aplysia striata*. Quoy, *Voy. Astrol.* t. 24. f. 9, 10.
4. *Aplysia tigrina*. Quoy, *Voy. Astrol.* t. 24. f. 1, 2.
5. *Aplysia rufa*. Quoy, *Voy. Astrol.* t. 24. f. 7.

## TAB. 61\*.

1. *Aplysia lurida*. D'Orb. *Voy. Amer. Merid.* t. 18. f. 4.
2. *Aplysia Inca*. D'Orb. *Voy. Amer. Merid.* t. 19. f. 1.
3. *Aplysia Rangiana*. D'Orb. *Voy. Amer. Merid.* t. 17. f. 11.

## TAB. 61\*\*.

1. *Aplysia juliana*. Quoy, *Voy. Astrol.* t. 24. f. 5, 6.
2. *Aplysia Ferussacii*. Rang, *Hist. Nat. des Aplys.* t. 19. f. 6.
3. *Aplysia virescens*. Rang, *Hist. Nat. des Aplys.* t. 19. f. 5.
4. *Aplysia tigrina*. Rang, *Hist. Nat. des Aplys.* t. 11.

## TAB. 62.

- 1, 1 a. *Firola Quoyana*. D'Orb. *Voy. Amer. Merid.* t. 11. f. 1, 2.
2. *Firola Peronii*. D'Orb. *Voy. Amer. Merid.* t. 10. f. 8.
3. *Firola Gaimardii*. D'Orb. *Voy. Amer. Merid.* t. 10. f. 13.
4. *Firola Lesueurii*. D'Orb. *Voy. Amer. Merid.* t. 10. f. 11.
5. *Cardiapoda pedunculata*. D'Orb. *Voy. Amer. Merid.* t. 11. f. 5.
6. *Firola* — ; young. Quoy, *Voy. Astrol.* t. 29. f. 17.
- 7, 7 a. *Cardiapoda carinata*. D'Orb. *Voy. Amer. Merid.* t. 11. f. 3, 4.

## TAB. 63.

1. *Carinaria mediterranea*. Blainv. *Man. Mal.* t. 47. f. 3.
2. *Carinaria australis*. Quoy, *Voy. Astrol.* t. 29. f. 9.
3. *Carinaria mediterranea*. Chiaje (Poli), iii. t. 44. f. 1.

## TAB. 64.

1. *Doris cornuta*. Blainv. *Man. Malac.* t. 46 (bis). f. 10 b.
2. *Doris magnifica*. Quoy, *Voy. Astrol.* t. 20. f. 1.

3. *Doris quadrilineata*. Müll. *Zool. Dan.* t. 17. f. 5.
4. *Doris atro-marginata*. Quoy, *Voy. Astrol.* t. 16. f. 6.
5. *Doris punctata*. Quoy, *Voy. Astrol.* t. 18. f. 9.
6. *Doris limacina*. Quoy, *Voy. Astrol.* t. 16. f. 8.
7. *Doris reticulata*. Quoy, *Voy. Astrol.* t. 20. f. 9.
8. *Doris venosa*. Quoy, *Voy. Astrol.* t. 20. f. 15.
9. *Doris elegans*. Quoy, *Voy. Astrol.* t. 20. f. 12.
10. *Doris atro-marginata*. Cuv. *Anat. Moll. Dor.* t. 2. f. 6.
11. *Doris carinata*. Quoy, *Voy. Astrol.* t. 16. f. 10.
12. *Doris Argo*. Blainv. *Man. Malac.* t. 46. f. 9.
13. *Doris impudica*. Rüpp. *At. Faun. Afr. Moll.* t. 10. f. 2 c.
14. *Doris* ——. Savigny's *Egypt*, t. 1. f. 7

## TAB. 65.

1. *Doris lacera*. Cuvier, *Anat. Moll.* t. 1. f. 5.
2. *Doris* ——. Savigny, *Egypt*, t. 1. f. 2.
3. *Doris laciniata*. Blainv. *Man. Mal.* t. 46 (bis). f. 11.
4. *Doris tuberculosa*. Quoy, *Voy. Astrol.* t. 16. f. 1.
5. *Doris maculosa*. Quoy, *Voy. Astrol.* t. 16. f. 3.

## TAB. 66.

1. *Doris scabra*. Quoy, *Voy. Astrol.* t. 18. f. 1.
2. *Doris pulchella*. Rüpp. *At. Faun. Afr. Moll.* t. 9. f. 5.
3. *Doris cruenta*. Quoy, *Voy. Astrol.* t. 18. f. 5, 6.

## TAB. 67.

1. *Doris* ——. Dr. Johnston's MSS.
2. *Doris clavigera*. Müll. *Zool. Dan.* t. 17. f. 2.
3. *Euplocamus croceus*. Philippi, *Moll. Sic.* t. 7. f. 1.
4. *Doris obvelata*. Johnston, *Ann. Nat. Hist.* i. t. 2. f. 4.
5. *Doris eolida*. Quoy, *Voy. Astrol.* t. 18. f. 11.
6. *Doris muricata*. Müll. *Zool. Dan.* t. 85. f. 3.
7. *Doris obvelata*. Müll. *Zool. Dan.* t. 47. f. 1.
8. *Doris pilosa*. Johnston, *Ann. Nat. Hist.* i. t. 2. f. 9.
9. *Doris bilamellata*. Johnston, *Ann. Nat. Hist.* i. t. 2. f. 8.
10. *Doris pilosa*. Müll. *Zool. Dan.* t. 88. f. 8.
11. *Doris Flemingii*. Forbes, *Malac. Monens.* t. 1. f. 2.
12. *Triopa Nothus*. Johnston, *Ann. Nat. Hist.* i. t. 2. f. 14.
13. *Doris virescens*. Risso, *Eur. Merid.* iv. t. 2. f. 11.
14. *Doris trilobata*. Gray, MSS.
15. *Doris fusca*. Müll. *Zool. Dan.* t. 47. f. 6.
16. *Doris pilosa*. Müll. *Zool. Dan.* t. 88. f. 6.
17. *Doris magnifica*. Banks, *Icon. ined.* 25, *Endeavour River.*

## TAB. 68.

1. *Doris tuberculata*. Cuv. *Anat. Moll. Dor.* t. ii. f. 5.
2. *Doris testudinaria*. Risso, *Eur. Merid.* iv. t. 2. f. 15.
3. *Doris limbata*. Cuv. *Anat. Moll. Dor.* t. ii. f. 3.

4. *Doris sanguinea*. *Rüpp. Atl. Faun. Afr. Moll.* t. 8. f. 1.  
 5. *Doris tuberculata*. *Johnston, Ann. Nat. Hist.* i. t. 2. f. 1.

## TAB. 69.

1. *Plocamopherus ocellatus*. *Rüpp. At. Faun. Af. Moll.* t. 5. f. 3.  
 2. *Doris infurcata*. *Rüpp. At. Faun. Af. Moll.* t. 10. f. 3.  
 3. *Doris pallida*. *Rüpp. At. Faun. Af. Moll.* t. 10. f. 1.  
 4. *Doris obsoleta*. *Rüpp. At. Faun. Af. Moll.* t. 9. f. 3.  
 5. *Doris tinctoria*. *Rüpp. At. Faun. Af. Moll.* t. 9. f. 4.  
 6. *Doris quadricolor*. *Rüpp. At. Faun. Af. Moll.* t. 9. f. 2.  
 7. *Doris punctata*. *Rüpp. At. Faun. Af. Moll.* t. 9. f. 1.  
 8. *Doris Semele*. *Blainv. Man. Mal.* t. 46 (bis). f. 12.  
 9. *Doris lævis*. *Müll. Zool. Dan.* t. 47. f. 3.  
 10. *Doris barvicensis*. *Johnston, Ann. Nat. Hist.* i. t. 2. f. 11.

## TAB. 70.

1. *Patella compressa*. *Quoy, Voy. Astrol.* t. 70. f. 1.  
 2. *Patella granularis*. *Quoy, Voy. Astrol.* t. 70. f. 12.  
 3. *Patella scutellaris*. *Quoy, Voy. Astrol.* t. 70. f. 7.  
 4. *Patella pellucida*. *Müll. Zool. Dan.* t. 104. f. 2.  
 5. *Patella fulva*. *Müll. Zool. Dan.* t. 24. f. 3.  
 6. *Patella tessellata*. *Müll. Zool. Dan.* t. 12. f. 6.  
 7. *Patella virginea*. *Müll. Zool. Dan.* t. 12. f. 5.  
 8. *Patella cærulea*. *Quoy, Voy. Astrol.* t. 70. f. 4.  
 9. *Patella fissura*. *Müll. Zool. Dan.* t. 24. f. 9.  
 10. *Patella vulgaris*. *Cuv. Journ. Hist. Nat.* xv.

## TAB. 71.

1. *Vitrina nigra*. *Quoy, Voy. Astrol.* t. 11. f. 8.  
 2. *Vitrina flammulata*. *Quoy, Voy. Astrol.* t. 11. f. 5.  
 3. *Vitrina viridis*. *Quoy, Voy. Astrol.* t. 11. f. 16.  
 4. *Helicarion Freycineti*. *Blainv. Freyc. Voy.* t. 67. f. 1.  
 5, 6. *Nanina vitrinoides*. *Hardwicke's Drawings*, 11,007, pl. 11.  
 7. *Vitrina citrina*. *Quoy, Voy. Astrol.* t. 11. f. 1, 2.

## TAB. 72.

1. *Helix zonaria*. *Quoy, Voy. Astrol.* t. 8. f. 14.  
 2. *Stenopus cruentatus*. *Guilding, Zool. Journ.* iv. t. 15. f. 2.  
 3. *Helix undulata*. *Quoy, Voy. Astrol.* t. 7. f. 1.  
 4. *Stenopus cruentatus*. *Guilding, Zool. Journ.* iv. t. 15. f. 1.  
 5. *Helix Tuffetii*. *Less. Voy. Coq. Moll.* t. 10. f. 3.  
 6. *Helix mammilla*. *Quoy, Voy. Astrol.* t. 7. f. 3.

## TAB. 73.

1. *Bulimus camba*. *D'Orb. Voy. Amer. Merid.* t. 34. f. 4.  
 2. *Bulimus hygrohylæa*. *D'Orb. Voy. Amer. Merid.* t. 40. f. 5.

3. *Bulimus Cactorum*. *D'Orb. Voy. Amer. Merid.* t. 30. f. 8.
4. *Bulimus trichodes*. *D'Orb. Voy. Amer. Merid.* t. 33. f. 2.
5. *Bulimus Montagnii*. *D'Orb. Voy. Amer. Merid.* t. 32. f. 7.
6. *Bulimus thamnoica*. *D'Orb. Voy. Amer. Merid.* t. 37. f. 7.
7. *Bulimus linostoma*. *D'Orb. Voy. Amer. Merid.* t. 40. f. 11.
8. *Bulimus granulosa*. *D'Orb. Voy. Amer. Merid.* t. 29. f. 9.
9. *Bulimus heloica*. *D'Orb. Voy. Amer. Merid.* t. 30. f. 11.
10. *Bulimus rosacea*. *D'Orb. Voy. Amer. Merid.* t. 34. f. 12.

## TAB. 74.

1. *Helix læva*. *Quoy, Voy. Astrol.* t. 10. f. 4.
2. *Helix Dufrenii*. *Quoy, Voy. Astrol.* t. 9. f. 1.
3. *Kambeul*. *Adans. Voy. Sen.* t. 1. G. v.
4. *Helix gibbosa*. *Quoy & Gaim. Astrol.* t. 9. f. 18.
5. *Bulimus Cactorum*. *D'Orb. Voy. Am. Mer.* t. 30. f. 8.
6. *Bulimus chilensis*. *Less. Voy. Coq. Moll.* t. 7. f. 3.
- 7, 7 a. *Limax perucidus*. *Quoy & Gaim. Voy. Astrol.* t. 13. f. 10, 11.

## TAB. 74\*.

1. *Plecocheilus undulatus*. *Swainson's Zool. Illustrat.* t. .
2. *Bulimus Tupacii*. *D'Orb. Voy. Amer. Merid.* t. 38. f. 3.
3. *Bulimus regina*. *D'Orb. Voy. Amer. Merid.* t. 29. f. 4.
4. *Bulimus oblonga*. *D'Orb. Voy. Amer. Merid.* t. 37. f. 1, 3.

## TAB. 75.

1. *Achatina Couroupa*. *Less. Voy. Coq. Moll.* t. 9. f. 2.

## TAB. 76.

1. *Siphonaria diemenensis*. *Quoy, Voy. Astrol.* t. 25. f. 2, 4, 6, 7.
2. *Siphonaria Algesira*. *Quoy, Voy. Astrol.* t. 25. f. 25.
3. *Siphonaria viridis*. *Quoy, Voy. Astrol.* t. 25. f. 30.
4. *Siphonaria albicans*. *Quoy, Voy. Astrol.* t. 25. f. 38.
- 5, 5 a. *Siphonaria australis*. *Quoy, Voy. Astrol.* t. 25. f. 33, 34.
- 6, 6 a. *Siphonaria acuta*. *Quoy, Voy. Astrol.* t. 25. f. 35, 36.
7. *Siphonaria capensis*. *Quoy, Voy. Astrol.* t. 25. f. 29.

## TAB. 77.

1. *Hyalæa labiata*. *D'Orb. Voy. Am. Mer.* t. 6. f. 21.
2. *Hyalæa mucronata*. *D'Orb. Voy. Am. Mer.* t. 7. f. 6.
3. *Hyalæa inflexa*. *D'Orb. Voy. Am. Mer.* t. 6. f. 16.
4. *Cleodora pyramidata*. *D'Orb. Voy. Am. Mer.* t. 7. f. 25.
5. *Cleodora cuspidata*. *D'Orb. Voy. Am. Mer.* t. 7. f. 20.
6. *Hyalæa trispinosa*. *D'Orb. Voy. Am. Mer.* t. 7. f. 1.
7. *Hyalæa corniformis*. *D'Orb. Voy. Am. Mer.* t. 8. f. 20.
8. *Hyalæa Virgula*. *D'Orb. Voy. Am. Mer.* t. 8. f. 26.
9. *Cleodore de Brown*. *Blainv. Man. Mal.* t. 46 (3.) f. 1.
10. *Hyalæa striata*. *D'Orb. Voy. Am. Mer.* t. 8. f. 23.

11. *Hyalæa subula*. *D'Orb. Voy. Am. Mer.* t. 8. f. 15.
12. *Hyalæa longirostra*. *Quoy, Voy. Astrol.* t. 27. f. 20, 23.
13. *Hyalæa trispinosa*. *Quoy, Voy. Astrol.* t. 27. f. 17.

## TAB. 78.

1. *Hyalæa longirostra*. *D'Orb. Voy. Am. Mer.* t. 6. f. 6.
2. *Hyalæa gibbosa*. *D'Orb. Voy. Am. Mer.* t. 5. f. 16.
3. *Hyalæa affinis*. *D'Orb. Voy. Am. Mer.* t. 5. f. 6.
4. *Hyalæa flava*. *D'Orb. Voy. Am. Mer.* t. 5. f. 21.
5. *Hyalæa uncinata*. *D'Orb. Voy. Am. Mer.* t. 5. f. 11.
6. *Hyalæa quadridentata*. *D'Orb. Voy. Am. Mer.* t. 6. f. 1.
7. *Hyalæa Forskahlii*. *D'Orb. Voy. Am. Mer.* t. 5. f. 1.
8. *Hyalæa lævigata*. *D'Orb. Voy. Am. Mer.* t. 7. f. 15.
9. *Hyalæa cornea*. *Chiaje (Poli)*, iii. t. 44. f. 12.
10. *Hyalæa tridentata*. *Forskael, Icon. Rer. Nat. itin. Orient.* t. 40. f. b 1.
11. *Hyalæa tridentata*. *Blainv. Man. Mal.* t. 46. f. 2.

## TAB. 79.

1. *Pteroceras truncata*. *Kiener, Conch.* t. 1.

## TAB. 80.

1. *Rostellaria curvirostris*. *Kiener, Moll.* t. 1. a. operculum.
2. *Strombus gigas*. *Kiener, Moll.* t. . Reduced.

## TAB. 81.

1. *Strombus gibberulus*. *Quoy, Voy. Astrol.* t. 50. f. 14.
2. *Strombus papilio*. *Quoy, Voy. Astrol.* t. 50. f. ; cop.  
*Cuv. R. A. Croch.* t. 61. f. 2.
3. *Strombus pugilis*. *Bowdich, Mollusca*, t. 19. f. 1.
4. *Strombus (gigas)*. *Forskael, Faun. Arab.* t. 40. f. D.
5. *Strombus* ——. *Quoy, Voy. Astrol.* t. 50. f. 1.

## TAB. 81\*.

1. *Strombus isabella*. *Voy. la Bonite*, t. 45. f. 1, 2.
2. *Colombelle lanceolée*, *Voy. la Bonite*, t. 45. f. 6.
3. *Mitre nigre*. *Voy. la Bonite*, t. 45. f. 3, 4.
4. *Colombelle grosse livre*. *Voy. la Bonite*, t. 45. f. 8–10, 12.
5. *Volute pied de Biche*. *Voy. la Bonite*, t. 45. f. 17.
6. *Cone linée*. *Voy. la Bonite*, t. 45. f. 28, 29.

## TAB. 82.

1. *Vermetus*. Mr. A. Adams's drawing. From Borneo.
2. *Cryptostoma*. Mr. A. Adams's drawing. From Borneo.
3. *Terebellum maculata*. Magnified. From Mr. A. Adams's drawing. Borneo.

## TAB. 83.

1. *Strombus gigas*, young. From a drawing by M. Lamarek.



2. Cone de Banda. *Quoy, Voy. Astrol. t. . .*
3. *Conus acuminatus*. *Ehrenb. Sym. Phy. t. 2. f. 4.*
4. *Conus mediterraneus*. *Philippi, Sicil. t. 12. f. 19.*

## TAB. 83\*.

1. *Oliva senegalensis*. *Voy. la Bonite, t. 45. f. 19, 20, 21.*
2. *Oliva volutella*. *Voy. la Bonite, t. 45. f. 22, 23, 24.*
3. *Oliva columellaris*, *Voy. la Bonite, t. 45. f. 23, 27.*
4. *Marginella quinqueplicata*, *Voy. la Bonite, t. 45. f. 13, 15.*
5. *Cypræa arabica*. *Voy. la Bonite, t. 45. f. 18.*

## TAB. 84.

1. *Murex inflatus*. *Kiener, Conch. t. 1.*

## TAB. 84\*.

1. *Ranella (crumena)*. Mr. Adams's drawing.
2. *Clavatula* ——. Mr. Adams's drawing.
3. *Terebellum subulatum*. Mr. Adams's drawing.
4. *Nassa* ——. Mr. Adams's drawing.
5. *Strombus* ——. Mr. Adams's drawing.
6. *Rostellaria rectirostris*. Mr. Adams's drawing.

## TAB. 85.

1. *Triton leucostoma*. *Quoy, Voy. Astrol. t. 40. f. 3, 5.*
2. *Triton chlorostoma*. *Quoy, Voy. Astrol. t. 40. f. 16.*
3. *Triton* ——. *Guilding, MSS. ; copied Swainson, Malac. 64. f. 1.*
4. *Triton anus*. *Quoy, Voy. Astrol. t. 40. f. 7. a. operculum.*
5. *Triton nodiferum*. *Kiener, Coq. t. 1 ; reduced. a. operculum.*

## TAB. 85\*.

1. *Nassa* ——. *Voy. la Bonite, t. 41. f. . .*
2. *Nassa olivacea*. *Voy. la Bonite, t. 41. f. 14.*
3. *Nassa crenulata*. *Voy. la Bonite, t. 41. f. 1.*
4. *Eburna canaliculata*. *Voy. la Bonite, t. 41. f. 28.*
5. *Nassa Xanthostoma*. *Voy. la Bonite, t. 41. f. 5.*
6. *Nassa olivacea*, var. *Voy. la Bonite, t. 41. f. 17.*
7. *Nassa gemmulata*. *Voy. la Bonite, t. 41. f. 11.*
8. *Terebra maculata*. *Voy. la Bonite, t. 41. f. 31.*
9. *Vis forêt*. *Voy. la Bonite, t. 41. f. 38, 39.*

## TAB. 86.

1. *Ranella gigantea*. *Kiener, Coq. t. 1. a. operculum.*
2. *Fasciolaria Tulipa*. *Kiener, Coq. t. . a. operculum.*

## TAB. 86\*.

1. *Ancillaria*. Mr. Adams's drawing.



2. *Pyrula ficus*. Mr. Adams's drawing. Improved *Ficula lævigata*; *Voy. Samarang*, t. 9. f. 4.
3. *Ovula volva*. Mr. Adams's drawing.
4. *Marginella* ——. Mr. Adams's drawing.
5. *Ovula tuberculosa?* Mr. Adams's drawing. Improved *Ovulum dentatum*; *Voy. Samarang*, t. 6. f. 4.
6. *Marginella* ——. Mr. Adams's drawing.

## TAB. 87.

1. *Fasciolaria Tulipa*. From Lamarek's MS. sketch from his library.

## TAB. 87\*.

1. Pourpre ondée. *Voy. la Bonite*, t. 39. f. 17.
2. Pourpre crassilabre. *Voy. la Bonite*, t. 39. f. 32.
3. Pourpre bolivien. *Voy. la Bonite*, t. 41. f. 25.
4. Pourpre tuberculée. *Voy. la Bonite*, t. 39. f. 11.
5. Pourpre de Chusan. *Voy. la Bonite*, t. 39. f. 20.
6. Pourpre kiosquiforme. *Voy. la Bonite*, t. 39. f. 23.
7. Pourpre ouverte. *Voy. la Bonite*, t. 39. f. 8.
8. Pourpre cassiforme. *Voy. la Bonite*, t. 39. f. 26.
9. Licorne striée. *Voy. la Bonite*, t. 39. f. 37.
10. Pourpre Harpe. *Voy. la Bonite*, t. 39. f. 14.

## TAB. 88.

1. *Pyrula melongena*. *Kiener, Conch.* t. 1. a. operculum.
2. Triton ——. From a drawing of Lieut. Nelson, R.E., Bermuda.
3. Volute de Neptune. *Kiener, Conch.* t. .

## TAB. 89.

1. *Fasciolaria tarentina*; male, without its shell. *Joannis, Mag. Zool.* 1832, t. 46.
2. *Murex patagonicus*. *D'Orbigny, Voy. Amer. Merid.* t. 62. f. 2.
3. *Fusus lignarius*; male. *Chiaje (Poli)*, iii. t. 48. f. 17.
4. *Murex labrosus*. *D'Orbigny, Voy. Amer. Mer.* t. 62. f. 8.
5. *Cancellaria tuberculata*. *D'Orbigny, Voy. Amer. Merid.* t. 60. f. 11.
6. *Murex erinaceus*. *Chiaje*, t. 49. f. 15.
7. *Murex trunculus*. *Lister, Conch.* t. 95. f. 1. From *Fabius Colonna*.
8. *Fusus antiquus*. *Müller, Zool. Dan.* t. 8. Reduced.
9. *Fusus lignarius*. *Chiaje (Poli)*, iii. t. 48. f. 16.

## TAB. 90.

1. *Pleurotoma virgo?* *Deshayes; Cuvier, Règne Animal, Crochard*, t. 60.
2. *Pleurotoma Bertrandi*. *Philippi, Wiegmann Arch.* 1839, t. 4. f. 7.

3. *Pleurotoma babylonica*. *a.* with the gill-cavity exposed. *Quoy, Voy. Astrol. t. 35. f. 4, 5.*
4. *Pleurotome hérissé*. *Quoy, Voy. Astrol. t. 35. f. 9.*
5. *Pleurotoma buccinoidea*. *Deshayes, Cuvier, R. Animal, Crochard, t. 60. f. .*
6. *Pleurotoma babylonica*. *Kiener, Coq. t. 1. a. operculum.*
7. *Fusus multicarinatus*. *Kiener, Coq. t. 1. a. operculum.*

## TAB. 91.

1. *Rostellaria Pes-pelecani*. *Joannis, Mag. Zool. 1843, t. , without the shell. a. foot in outline.*
2. *Rostellaria Pes-pelecani*. *Mrs. Johnston's MSS.*
3. *Strombus Pes-pelecani*. *Müller, Zool. Dan. t. 87. f. 1.*
4. *Rostellaria Pes-pelecani. a. animal out of the shell. Chiaje (Poli), iii. t. 48. f. 7 & 8.*
5. *Cancellaria trigonostoma. Kiener, Coq. t. 1. f. 2. Altered from D'Orbigny, Voy. A. M. t. .*
6. *Struthiolaria crenulata. a. operculum. Kiener, Coq. t. 1.*

## TAB. 92.

1. *Murex antiquus, Müller, Zool. Dan. t. 118; reduced.*
2. *Buccinum undatum. Müller, Zool. Dan. t. .*

## TAB. 93.

1. *Dolium galca. Joannis, Mag. de Zool. t. .*
2. *Eburna ——. Kiener, Coq. t. 1.*
3. *Turbinella cornigera. Kiener, Coq. t. . a. operculum.*

## TAB. 94.

1. *Buccinum undatum. Cuvier, Anat. Moll. t. 17.*
2. *Cassis sulcosa; male. Joannis, Mag. Zool. t. .*
3. *Cassis Bezoar. Quoy, Voy. Astrol. t. .*
4. *Cassis glauca. Bowdich, Mollusca, t. 18. f. 7.*

## TAB. 95.

1. *Concholepas peruvianum. Kiener, Coq. t. 23. f. 65. a. operculum.*
2. *Purpura ——; male. Kiener, Coq. t. 24. f. 66. a. operculum.*
3. *Harpa ——. Lister, Journey to Paris, 1698, t. 4.*

## TAB. 96.

1. *Purpura St. Helena. Quoy, Voy. Astrol. t. 39. f. 8. a. foot; b. operculum.*
2. *Purpura arachnoidea. Quoy, Voy. Astrol. t. 39. f. 7. a. operculum.*
3. *Purpura digitata. Quoy, Voy. Astrol. t. 39. a. operculum.*
4. *Purpura hérisson, Quoy, Voy. Astrol. t. 39. f. 14.*

5. *Purpura* (anat.). *Isis*, 1834, t. a.
6. *Purpura* morus. *Quoy, Voy. Astrol.* t. 39. f. 23. b. foot ;  
c. operculum.
7. *Purpura* rugosa. *Quoy, Voy. Astrol.* t. 38. f. 20. a. oper-  
culum.
8. *Purpura* Thiarelle. *Quoy, Voy. Astrol.* t. 39. f. 4. a. oper-  
culum.
9. *Purpura* marron d'Inde, var. *Quoy, Voy. Astrol.* t. 38. f. 2.  
a. operculum.
10. *Purpura* bouche violette. *Quoy, Voy. Astrol.* t. 38. f. 23.  
a. operculum.
11. *Purpura* muricata. *Quoy, Voy. Astrol.* t. 39. f. 11. a. oper-  
culum.
12. *Purpura* hæmastoma. *Quoy, Voy. Astrol.* t. 38. f. 15.  
a. operculum.

## TAB. 97.

1. *Buccinum* riparium. *Chiaje, Sicil.* t. 48. f. 2, 3.
2. *Monoceros* crassilabrum. *D'Orbig. Voy. Amer. Merid.*  
t. 61. f. 4.
3. Pourpre guirlande. *Quoy, Voy. Astrol.* t. 39. f. 11. a. oper-  
culum.
4. *Murex* lanatus. *Chiaje, Sicil.* t. 49. f. 10.
5. *Purpura* horrida. *Kiener, Coq.* t. 1. a. operculum.
6. *Purpura* chocolatum. *D'Orbiguy, Voy. Amer. Merid.* t. 61.  
f. 1, 2. a. operculum.
7. *Purpura* hæmastoma. *Joannis, Mag. Zool.* t. . a. oper-  
culum.

## TAB. 98.

1. *Columbella*. *Chiaje, Sicil.* t. 46. f. 44.
2. *Columbella* ———? *Chiaje, Sicil.* t. 46. f. 40, 41.
3. *Columbella* pantherina. *Quoy, Voy. Astrol.* t. 40. f. 30.  
a. operculum.
- 4 & 5. *Columbella* rustica. *Joannis, Mag. Zool.* t. .
6. *Columbella* paytalida. *Kiener, Coq.* t. 1. a. operculum.
7. *Columbelle* rubanne. *Quoy, Voy. Astrol.* t. 40. f. 27.  
a. operculum.
8. *Columbella* mercatoria. *Chiaje, Sicil.* t. 48. f. 1.
9. *Buccinum* cochlidium. *D'Orbig. Voy. Amer. M.* t. 61. f. 25.
10. *Buccinum* globosum. *D'Orbig. Voy. Amer. Merid.* t. 61.  
f. 24.
11. *Buccinum* dentiferum. *D'Orbig. Voy. Amer. Merid.* t. 61.  
f. 22.
12. *Buccinum* Isabella. *D'Orbig. Voy. Amer. Merid.* t. 61.  
f. 18, 19.
13. *Buccinum* maculosa. *Joannis, Mag. Zool.* t. .
14. *Buccinum* arcularia. *Forskael, Faun.* t. 40. f. a.

## TAB. 99.

1. *Terebra maculata*. *Kiener, Conch.* t. 1. a. operculum.
2. *Vis*. *Quoy, Voy. Astrol.* t. 40.
3. *Vis tigre*. *Quoy, Voy. Astrol.* t. 40. f. 19. a. operculum.
4. *Vis polie*. *Quoy, Voy. Astrol.* t. 40. f. 17. a. operculum.
5. *Buccinum sertularium*. *D'Orbig. Voy. Amer. Merid.* t. 61. f. 13, 16.

## TAB. 100.

1. *Oliva auricularia*. *Duclos, Oliva*, enlarged from *D'Orbigny*.
2. *Oliva brasiliana*. *D'Orbigny, Voy. Amer. Merid.* t. . f. .
3. *Oliva tricolor?* *Duclos, Oliva*, t. .

## TAB. 101.

1. *Oliva puelchana*. *Duclos, Oliva*, t. 4\*. f. 1, 2, 3.
2. *Oliva Ispidula*. *Duclos, Oliva*, t. 7. f. .
3. *Oliva Ispidula*. *Duclos, Oliva*, t. 7. f. .
4. *Oliva Tehuelchana*. *Duclos, Oliva*, t. 4\*. f. 7, 8, 9.
- 5—5a. *Oliva Hiatala*. *Duclos, Oliva*, t. 4\*. f. 17, 18.
6. Operculum of *Oliva Hiatala*. *Duclos, Oliva*, t. 4. f. 18.

## TAB. 102.

1. *Oliva puelchana*. *D'Orbigny, Voy. Amer. Merid.* t. 59. f. 15, 19.
2. *Oliva Tehuelchana*. *D'Orbigny, Voy. Amer. Merid.* t. 59. f. 10.
3. *Oliva carneola*. *Chiaje, Moll.* t. 57. f. 10.
- 3 a. *Oliva variolosa*. *Chiaje, Moll.* t. 57. f. 20.
4. *Volvaria tritacea*. *Philippi, Sicil.* i. t. 12. f. 15.
5. *Oliva* ——. From M. Quoy's original drawing at Paris.
6. *Oliva Auricularia*. *D'Orbigny, Voy. Amer. Merid.* t. 59. f. 20, 21.
7. *Oliva variolosa*. *Chiaje*, t. 57. f. 9.
8. *Marginella* ——. From *Guilding's drawing*; cop. *Swainson, Mollusca*, 98. f. 6. It has no mantle over the shell.
- 9, 9 a. *Buccinum costatum*. *Quoy, Voy. Astrol.* t. 30. f. 17, 18.
10. *Buccinum* ——. *Chiaje, Moll.* iii. t. 51. f. 20.
11. *Buccinum mutabile*. *Lister*, t. 975. f. 30; from *Fab. Col.*
12. *Marginella glabella*. *Kiener, Conch.* t. ; from *Adanson, Seneg.* t. 4. f. 1.
13. *Barnet*. *Adanson, Seneg.* t. 10. f. 1.

## TAB. 103.

1. *Tylodina citrina*. *Joannis, Guerin, Mag. Zool.* iii. t. .
2. *Coriocella neritoidea*, *Chiaje, Moll.* t. 47. f. 5. From life.
3. *Velutine cancella*. *Quoy, Voy. Astrol.* t. 26. f. 21. Under side. a. Side view of head and foot, t. 26. f. 22.
4. *Sigaretus Morelli*. *Chiaje, Sicil.* t. 62. f. 1. From life?
5. *Sigaret convex*. *Blainv. Malac.* t. 42. f. 2 (contracted in spirit).

6. Velutine Capuloidé. *Blainv. Malac. t. 24. f. 4.* From animal in spirits?
7. Tylodina citrina. *Philippi, Moll. Sicil. t. 7. f. 8.*
8. Velutina otis. *Mrs. G. Johnston's MSS.*
9. Sigaretus Adansonii. *Chiaje, Sicil. t. 47. f. 3.*
10. Bulla velutina. *Müller, Zool. Dan. t. 101. f. 1, 2.*
11. Lamellaria tentaculata. *Montague, Linn. Trans. xii. t. 12. f. 56.* From life.
12. Lamellaria membranacea. *Montague, Linn. Trans. xii. t. 12. f. .* From life. *a.* shell.

## TAB. 104.

1. Sigaret de Tonga. *Quoy, Voy. Astrol. t. 66. f. 4 a.* Upper surface, with part of mantle removed, showing gills. *a.* whole of the body.
2. Sigaret ——. *Cuvier, Anat. Moll. t. .*
3. Coriocella noire. *Blainville, Malacol. t. 42. f. 1 a.*
4. Sigaret de Tonga. *Quoy, Voy. Astrol. t. 66. f. 4.*

## TAB. 105.

1. Ancillaria volutella. *Kiener, Conch. t. 1. f. 1.*
2. Coriocella ——. *Cantraine, Acad. Brux. t. 4. f. 2, 2 a.*
- 3, 3 a. Coriocella ——. *Cantraine, Acad. Brux. t. 4. f. 1, 1 a.*
4. Ovula oviformis. *Kiener, Conch. t. 1.*
5. Pleurotoma multilineolata. *Philippi, Moll. Sic. t. 25. f. 25.*
6. Ovula adriatica. *Philippi, Moll. Sicil. t. 27. f. 20.*
7. Ovula Spelta. *Philippi, Moll. Sicil. t. 27. f. 22.*

## TAB. 106.

- 1, 1 a. Purpura hæmastoma. *Webb. & Bert. Canar. t. 6. f. 39, 40.*
2. Ranella leucostoma. *Cuvier, Reg. Anim. Croch. Moll. t. 58. f. 1*; cop. *Quoy, V. A. t. 40. f. 3, 4.*
3. Mitra Sanguisuga. *Swainson, Mollusca, 98. f. 5*; from *Quoy, V. A.*
4. Mitra episcopalis. *Kiener, Conch. t. 1.*
5. Mitra Maura. *D'Orbigny, Voy. Am. Merid. t. 60. f. 10.*
6. Mitra Vulpecula. *Swainson, Moll. 129. f. 14*; from *Quoy.*
7. Mitra conovula. *Quoy & Gaim. Voy. Astrol. t. 44\*. f. 21.*

## TAB. 106\*.

1. Nerite de Michaud. *Voy. la Bonite, t. 34. f. 20.*
2. Nerite de Gaimard, *Voy. la Bonite, t. 34. f. 16.*
3. Nerite georgienne, *Voy. la Bonite, t. 34. f. 5.*
4. Nerite couleure de poix. *Voy. la Bonite, t. 34. f. 8.*
5. Nerite vêtue. *Voy. la Bonite, t. 34. f. 12.*
6. Nerite rugueuse. *Voy. la Bonite, t. 34. f. 24.*
7. Nerite de Goldi. *Voy. la Bonite, t. 34. f. 1.*
8. Nerite indienne. *Voy. la Bonite, t. 34. f. 32.*

9. Nerite de Nuttall, *Voy. la Bonite*, t. 34. f. 43.  
 10. Nerite de Taite, *Voy. la Bonite*, t. 34. f. 36.

## TAB. 107.

1. Turbo rugosus. *Chiaje (Poli)*, iii. t. 52. f. 45.  
 2. Trochus (zizyphinus). *Chiaje (Poli)*, iii. t. 52. f. 3.  
 3. Trochus (zizyphinus). *Chiaje (Poli)*, iii. t. 52. f. 32.  
 4. Trochus erythroleucus. *Chiaje (Poli)*, iii. t. 52. f. 31.  
 5. Turbo rugosus. *Chiaje (Poli)*, iii. t. 52. f. 33.  
 6. Rotella lineolata. *Kiener, Coq.* t. 1.  
 7. Delphinula laciniata. *Kiener, Coq.* t. 1.

## TAB. 107\*.

1. Dauphinule noir. *Voy. la Bonite*, t. 37. f. 32, 33.  
 2. Turbo rayonnée. *Voy. la Bonite*, t. 37. f. 20, 21.  
 3. Litiopie bouche noire. *Voy. la Bonite*, t. 37. f. 1, 2, 3.  
 4. Turbo élevé. *Voy. la Bonite*, t. 37. f. 15.  
 5. Troque sandwichien. *Voy. la Bonite*, t. 37. f. 23.

## TAB. 108.

1. Turbo niger. *D'Orbig. Voy. Amer. Merid.* t. 55.  
 2. Trochus patagonicus. *D'Orbig. Voy. Amer. Merid.* t. 55.  
 f. 1, 2.  
 3. Turbo araucanus. *D'Orbig. Voy. Amer. Merid.* t. 55. f. 56.  
 4. Trochus Isabella. *D'Orbig. Voy. Amer. Merid.* t. 57. f. 1.  
 a. one of the tentacles of the sides of the foot.  
 5. Turbo rugosus. *Joannis, Mag. Zool.* t. .  
 6. Trochus (Merula?). *Chiaje (Poli)*, iii. t. 52. f. 18.

## TAB. 109.

1. Stomatella maculata. *Quoy, Voy. Astrol.* t. 66. f. 15.  
 2. Haliotis tuberculata. *Chiaje (Poli)*, iii. t. 55. f. 23, 24.  
 3. Stomatella maculata. *Quoy, Voy. Astrol.* t. 66. f. 13.  
 a. operculum.  
 4. Stomatella niger. *Quoy, Voy. Astrol.* t. 66. f. 10; cop.  
*Desh. Cuc. R. A.* t. 64. f. 3. a. head, above.  
 5. Stomatella auricula. *Quoy, Voy. Astrol.* t. 66. f. 17.  
 6. Haliotis tuberculata. *Cuvier, Anat. Moll.* t. ; copied  
*Bowdich, Moll.* t. .

## TAB. 110.

1. Patella Lowei. *D'Orbig. Webb. & Berth. Canar.* t. 7. f. 7.  
 2. Patella crenata. *D'Orbig. Webb. & Berth. Canar.* t. 7. f. 9.  
 3. Emarginula elongata. *Philippi, Moll. Sic.* t. 19. f. 16.  
 4. Pileopsis Garnoti. *Philippi, Wieg. Arch.* 1839, t. 3. f. 3.  
 5. Haliotis tuberculata. *Cuvier, Anat. Moll.* t. ; cop. *Desh.*  
*Reg. Anim.* t. . f. 6.  
 6. Fissurella ——. *Cuvier, Anat. Moll.* t. ; cop. *Desh.*  
*Reg. Anim.* t. 64. f. 3.

7. *Haliotis tuberculata*. *D'Orbig. Webb. & Bert. Canar.* t. 7. f. 1.

## TAB. 110\*.

1. *Patella* ——. *Chiaje, Mem.* t. 56. f. 20.
2. *Patella* ——. *Chiaje, Mem.* t. 56. f. 15.
3. *Patella* ——. *Chiaje, Mem.* t. 56. f. 12.
4. *Patella* ——. *Chiaje, Mem.* t. 61. f. 13.
5. *Patella* ——. *Chiaje, Mem.* t. 56. f. 11.
6. *Patella vulgata*. *Fleming, Phil. Zool.* t. 4. f. 3.
7. *Patella virginea*. *Müller, Zool. Dan.* t. 12. f. 3, 4.
8. *Patella vulgata*. *Chiaje, Mem.* t. 56. f. 11.
9. *Patella* ——. *Müller, Zool. Dan.* t. .

## TAB. 111.

1. *Parmophorus australis*. *Quoy, Voy. Astrol.* t. .

## TAB. 112.

1. *Fissurella græca*. *Chiaje (Poli), iii.* t. 56. f. 8.
2. *Fissurella megastoma*. *D'Orbigny, Amer. Merid.* t. 63.

## TAB. 113.

1. *Fissurella radiata*. *Lesson, Illust. Zool.* t. 10. f. *a, b, c.*
2. *Fissurella patagonica*. *D'Orbigny, Amer. Merid.* t. 64. f. 3.
3. *Fissurella maxima*. *D'Orbigny, Amer. Merid.* t. 64. f. 4, 5.
4. *Fissurella* ——. *Chiaje, Mem.* t. 56. f. 33.
5. *Emarginula* ——. *Poli, Sicil.* iii. t. 56. f. 4.
6. *Fissurella* ——. *Poli, Sicil.* iii. t. 56. f. 6.
7. *Fissurella* ——. *Poli, Sicil.* iii. t. 56. f. 5.
8. *Fissurella græca?* *Cuvier, Anat. Moll.* t. . f. .

## TAB. 114.

- 1—7. *Emarginula Cuvieri*. *Savign. Egypt.* t. 3. f. 2.
8. *Emarginula Cuvieri*. *Cuvier, Anat. Moll.* t. . f. .

## TAB. 114\*.

1. *Lottia Scurra*. *D'Orb. V. Am. Merid.* t. 64. f. 11, 12.
2. *Patelloide en cone*. *Quoy, Voy. Astrol.* t. .
3. *Lottia punctata*. *D'Orb. V. Am. Merid.* t. 64. f. 9, 10.
4. *Patelloide stellaire*. *Quoy, V. Astrol.* t. .
5. *Patelloide flammée*. *Quoy, V. Astrol.* t. .
6. *Patelloide striée*. *Quoy, V. Astrol.* t. .
7. *Patelloide fragile*. *Quoy, V. Astrol.* t. .
8. *Acmæa cassis*. *Eschsch. Zool. Atlas*, t. 23. f. 3.

## TAB. 115.

1. *Dentalium entalis*. *Desh. Anat. Dent.* t. . f. .
2. *Dentalium* ——. Original drawings.
3. *Dentalium* ——. *Chiaje, Mem.* iii. t. 56. f. 29.



4. *Dentalium semistriatum*. *Linn. Trans.* xvii. t. 3.
5. *Dentalium entalis*. *Deshayes, Dental.* t. 2. f. 1, 2.

## TAB. 116.

- 1—8. *Dentalium entalis*. *Deshayes, Dental.* t. 1. f. 1, 2, 8, 9, 10, 11, 12, 13.

## TAB. 117.

1. *Ampullaria Cornu-arietis*. *Desh. Reg. Anim. Croch.* t. 44. f. 4.
2. *Ampullaria* ——. *Drawing of Guilding*; copied *Swainson, Malac.* 197.
3. *Ampullaria insularum*. *D'Orb. Voy. Amer. Merid.* t. 5. f. 2.

## TAB. 117 a.

1. *Ianthina* ——. From Dr. J. Hooker's drawing, Antarctic Expedition.
2. *Ianthina* ——. *Cuvier, Anat. Moll.*
3. *Ianthina bicolor*. *Costa, Exerc. Acad. Asper. Nat.* ii. t. 2. f. 1.
4. *Ianthina* ——. *Lesueur, Voy. Austr.* t. 31. f. 4.

## TAB. 117 b.

1. *Atalanta Keraudrenii*. *D'Orb. Voy. Amer. Merid.* t. 11. f. 16.
2. *Atalanta Peronii*. *D'Orb. l. c.* t. 12. f. 1—15.
3. *Atalanta Keraudrenii*. *Rang, Mém. Soc. H. N. Paris*, iii. 456. f. 8. t. 17; cop. *Cuvier, R. A. Croch.* t. 38. f. 3.
4. *Atlanta Keraudrenii*. *Quoy, Voy. Astrol.* t. 29. f. 20, 21.
5. *Atlanta Peronii*. *Rang, l. c.* ii. t. 9. f. 3—7; cop. *Cuv. R. A. Croch.* t. 38. f. 2.

## TAB. 117 c.

1. *Atlanta Peronii*. *Blainv. Malac.* t. 48. f. 9; copied from *Lesueur, Journ. Phys.* lxxxv. t. 2. f. 1.
2. *Atlanta* ——. Dr. J. Hooker's drawing.
3. *Atlanta Keraudrenii*. *Rang, Mag. Zool.* 1832, t. .
4. *Cirropteron ovale*. *Sars, Besch.* t. 15. f. 39.
5. *Cirropteron semilunare*. *Sars, Besch.* t. 14. f. 38.
6. *Ladas Keraudrenii*. *Cantr. Mém. Acad. Brux.* xiii. t. 1. f. 2.
7. *Atlanta* ——. Dr. J. Hooker's drawing.

## TAB. 118.

1. *Sigaretus concavus*. *D'Orbigny, Voy. Amer. Merid.* t. 57. f. 3, 4. *b.* operculum.
2. *Natica limbata*. *D'Orbigny, Voy. Amer. Merid.* t. 97. f. 7, 8.
3. *Natica mammilla*. *D'Orbigny, Voy. Amer. Merid.* t. 55. f. 12, 13.

## TAB. 119.

1. *Natica castanea*. Drawing of Mrs. J. P. G. Smith at Ryde, Isle of Wight.

2. *Natica mammilla*. *Guilding's drawing*; copied by *Swainson, Malac.* 239. fig. 43.
3. *Cryptostoma concava*. *Gray, Spic. Zool.* t. . f. .
- 3 *a, b*. *Cryptostoma Leachii*. *Gray, Spic. Zool.* t. . a. tentacula.
4. *Natica glaucina*. *a.* animal out of the shell, with the mantle reflexed, to show the head, &c. *Philippi, Sicil.* t. 12. f. 1, 2.
5. *Natica glaucina*. Reduced from *Joannis, Guerin, Mag.* 1833.

## TAB. 120.

1. *Natica glauque*. *Eydoux & Sol. Voy. Bonite*, t. 35. f. 1, 2, 3.

## TAB. 121.

- 1 & 2. *Cryptostoma* ——. Mr. Reeve's drawings, made in China.

## TAB. 122.

1. *Natice jaune roux*. *Eydoux & Sol. Voy. Bonite*, t. 35. f. 12.
2. *Natica maculosa*. *Eydoux & Sol. Voy. Bonite*, t. 35. f. 18.
3. *Natica mammilla*. *Eydoux & Sol. Voy. Bonite*, t. 35. f. 16.  
*a.* operculum.
4. *Natice fibreuse*. *Eydoux & Sol. Voy. Bonite*, t. 35. f. 2.
5. *Sigaret lisse*. *Eydoux & Sol. Voy. Bonite*, t. 35. f. 19.  
*a.* operculum.
6. *Natice de Chemnitz*. *Eydoux & Sol. Voy. Bonite*, t. 35. f. 14.  
*a.* operculum.

## TAB. 122\*.

1. *Phorus* ——. Mr. Adams's drawing. Java.
2. *Phorus* ——. Mr. Adams's drawing. China.

## TAB. 123.

1. *Littorina aruacana*. *D'Orbig. Voy. Amer. Merid.* t. 53. f. 8.
2. *Littorina flava*. *D'Orbig. Voy. Amer. Merid.* t. 53. f. 1, 2.
3. *Littorina* ——. *Guilding, Zool. Journ.*
4. *Littorina peruviana*. *D'Orbig. Voy. A. Mer.* t. 53. f. 5, 6, 7.
5. *Littorina miliacea*. *Quoy, Voy. Astrol.* t. 33. f. 18.
6. *Assiminia Grayii*. Under side. *Lowe, Zool. Journ.* t. .
7. *Paludina parvula*. *Guilding's drawing*; cop. *Swainson, Malac.* 198. f. 36.
8. *Turbo Rissoanus*. *Chiaje (Poli)*, iii. t. 48. f. 10.
9. *Pupa lineata*. *Hartmann, Erd & Sus wat. Moll.* t. 1. f. 1.
10. *Pyramidella* ——. *Quoy, Voy. Astrol.* t. . f. .
11. *Cyclostoma striata*. *Quoy, Voy. Astrol.* t. 12. f. 27.
12. *Pyramidella solida*. *Kiener, Coq.* t. .
13. *Pyramidella maculosa*. *Quoy, Voy. Coq.* t. 67. f. 1.
14. *Truncatella truncatula*. *Lowe, Zool. Journ.*

## TAB. 124.

1. Cyclostoma ——. *Chiaje (Poli)*, iii. t. . f. .
2. Paludina fasciata. General Hardwicke's drawing. Bengal.
3. Helix vivipara. *Müller, Zool. Dan.* t. 101. f. 5.
4. Paludina Lapidum. *D'Orb. Voy. Amer. Merid.* t. 47. f. 5, 7.
5. Paludina piscium. *D'Orbig. Voy. Amer. Merid.* t. 47. f. 18, 20.
6. Cyclostoma vivipara. *Cuvier, Anat. Moll.* t. . f. 1, 2.
7. Cyclostoma viride. *Sturm, Deutsch. Faun.* t. .
8. Cyclostoma impurum. *Sturm, Deutsch. Faun.* t. .
9. Pal. vivipara. *Sturm, Deutsch. Faun.* t. .

## TAB. 125.

1. Admete (Trichotropis) crispa, *Moller.* From Dr. Moller's drawing; communicated by him.
2. Menetho albulus = Turbo albulus, *Fab.* From Dr. Moller's drawing; communicated by him.
3. Risso ——. *Alder, Ann. & Mag. Nat. Hist.* xiii. t. 8. f. 1, 2, 3.
4. Rissoa ——. *Alder, Ann. & Mag. N. H.* xiii. t. 8. f. 13.
5. Rissoa ——. *Alder, Ann. & Mag. N. H.* xiii. t. 8. f. 7.
6. ? Truncatella Littorina. *Philippi, Wieg. Arch.* t. 5. f. 7.
7. Fossarus Adansonii. *Philippi, Wieg. Arch.* t. 5. f. 1.
8. Troque irrisodonte. *Quoy, Voy. Astrol.* t. 63. f. 9.
9. Rissoa Monodonta. *Philippi, Moll. Sicil.* t. 23. f. 1.
10. Littorina canariensis. *D'Orbig. Webb. & Bert. Canar.* t. 6. f. 8.
11. Eulima distorta. *Philippi, Wieg. Arch.* t. 5. f. 2.
12. Eulima polita. *Philippi, Wieg. Arch.* t. 5. f. 3.
13. Rissoa auriscalpium. *Philippi, Moll. Sicil.* t. 23. f. 2.
14. Truncatella truncata. *Philippi, Wieg. Arch. and Moll. Sicil.* t. 24. f. 3.
15. Truncatella atomus (Skenea?). *Philippi, Moll. Sicil.* t. 24. f. 5.

## TAB. 126.

1. Valvata? *Chiaje (Poli)*, iii. t. 59. f. 25.
2. Valvata planorbis. *Sturm, Deutsch. Faun.* t. .
3. Cyclostoma obtusum. *Sturm, Deutsch. Faun.* t. . a. the gill magnified, showing the spiral plates of which it is formed.
4. Nerita ——. From original drawing by M. Lamareck.
5. Littorina Littoreus? *Baster. Oper. Subs.* t. 7. f. 1.
6. Solarium perspectivum. *Kiener, Coq.* t. .
7. Littorina? retusa? *Baster. Oper. Subs.* t. 14. f. 1.

## TAB. 126\*.

1. Module trochiforme. *Eydoux, Voy. la Bonite*, t. 37. f. 25, 26.

2. *Solarium striatum*. *Eydoux, Voy. la Bonite*, t. 37. f. 10, 11, 12.
3. *Eulima?* ——. Mr. Adams's drawing.
4. *Tectura* ——. Mr. Adams's drawing. Borneo.
5. *Stylifer* ——. Mr. Adams's drawing. Borneo.
6. *Valvata cristata*. *Gruithuisen, Acad. Nat. Cur.* x. 437.
7. *Melania* ——. Mr. Adams's drawing. Island of Mindanao.

## TAB. 127.

1. *Scalaria Clathrus*. *Bowdich, Conch.* t. 17. f. 1; from *Leach*.
2. *Scalaria Clathrus*. *Kiener, Coq.* t. 1.
3. *Cerithium vulgatum*. *Joannis, Mag. Zool.* t. .
4. *Cerithium* ——. *Chiaje (Poli)*, iii. t. 52. f. 49.
5. *Cerithium Telescopium*. *Lowe, Zool. Journ.*
6. *Cerithium palustre*. *Kiener, Coq.* t. 1. a. operculum.
7. *Scalaria* ——. *Plancois, M. N.* t. 5. f. 7, 8.
8. *Scalaria pseudoscalaria*. *Philippi, Moll. Sicil.* t. 10. f. 2.

## TAB. 127\*.

1. Littorine de Gaudichand. *Eydoux, Voy. la Bon.* t. 31. f. 31.
2. *L. variée*. *Voy. la Bon.* t. 31. f. 40.
3. *L. sériale*. *Voy. la Bon.* t. 31. f. 34.
4. *Paludine boususe*. *Voy. la Bon.* t. 29. f. 28.
5. *P. ampulliforme*. *Voy. la Bon.* t. 31. f. 25.
6. *Melania armarula*. *Voy. la Bon.* t. 31. f. 3.
7. *Melanie indienne*. *Voy. la Bon.* t. 31. f. 12.
8. *M. rayée*. *Voy. la Bon.* t. 31. f. 1.
9. *Cerite de Touranne*. *Voy. la Bon.* t. 39. f. 3.
10. *Cerite obtuse*. *Voy. la Bon.* t. 39. f. 1.

## TAB. 128.

1. *Vermetus varians*. *D'Orbig. Voy. Am. Merid.* t. 54. f. 8, 9, 10.
2. *Vermetus gigas*. *Gray, Spic. Zool.* t. . f. . a. operculum.
3. *Neritina virginea*. *D'Orbig. Voy. Am. Merid.* t. 56. f. 1, 2, 3.
4. *Lacuna canalis*. *Philippi, Wiegmann Arch.* 1836, t. 8. f. 5.
5. *Tornatella fasciata*. *Philippi, Wiegmann Arch.* 1841, t. 5. f. 10.
6. *Turritella triplicata*. *Philippi, Wiegmann Arch.* t. 25. f. 23.
7. *Turritella duplicata*. *Kiener, Coq.* t. 1. a. operculum.

## TAB. 128\*.

1. *Narica souleytana*. *Reclus, Mag. Zool.* 1845, t. 117.
2. *Turbonilla clavula*. *Loven, Vetensk. Akad.* 1846, t. f. .
3. *Turbonilla spiralis*. *Loven, l. c.* 1846, t. . f. 8, 9.
4. *Turbonilla interrupta*. *Loven, l. c.* 1846, t. . f. 5, 6.

## TAB. 129.

1. *Magillus antiquus*. *Rüppell, Ann. Sci. Nat.* t. 8.
2. *Atlanta Peronii*. *D'Orb. Voy. Amer. Merid.* t. 20. f. 1.
3. *Hyalea* ——. *D'Orb. Voy. Amer. Merid.* t. 20. f. 1, 2.

## TAB. 130.

1. *Calyptrea sinensis*. *Desh. Ann. Sci. Nat.* iii. t. 17.
2. *Calyptrea lignaria*. *D'Orb. Voy. Amer. Merid.* t. 58. f. 9.
3. *Calyptrea chinensis*. *Guilding's drawing*; cop. *Swainson, Malac.* 234.
4. *Calyptrea Adolphæi*. *Lesson, Voy. Coq.* t. 15. f. 2. The animal is placed in the shell in the wrong direction.
5. *Hipponyx feuilletée*. *Quoy, Voy. Astrol.* t. . f. .
6. *Hipponyx radiata*. *Quoy, Voy. Astrol.* t. 69. f. 1.
7. *Hipponyx australe*. *Quoy, Voy. Astrol.* t. 72. f. 28, 38.

## TAB. 131.

1. *Clio amate*. From an original French drawing.
2. *Doridium aplysiforme*. *Chiaje, Mem.* iv. t. 13.
3. *Doridium marmorata*. *Cantraine, Mem. Brux.* xiii. t. 2. f. 2.

## TAB. 132.

1. *Bullæa aperta*. *Cuvier, Anat. Moll.* t. .
2. *Acera carnososa*. *Chiaje, Mem.* iv.
3. *Bulla* ——. *Cantraine, Mem. Brux.* xiii. t. 2. f. 5.
4. *Bullæa* —? West Indies. From *Guilding's drawing*; cop. *Swains. Malac.* 252. f. 46.
5. *Bullæa* ——. *Chiaje, Test. Sicil.* iii. t. 46. f. 29, 30.
6. *Bullæa aperta*. *Chiaje, Test. Sicil.* iii. t. 46. f. 25.
7. *Clio Miquelonensis*. *Ann. Sci. Nat.* v. t. 7.
- 8, 8 a. *Clio capensis*. *Ann. Sci. Nat.* v. t. 7. f. 3, 4.
- 9, 9 a. *Clio amate*. *Chiaje, Mem.* t. 2. f. 1, 2.
10. *Clio amate*. *Cantraine, Mem. Brux.* t. 4. f. 4.

## TAB. 133.

1. *Dolabella* ——. *Rang, Aplys.* t. .

## TAB. 134.

1. *Dolabella Rumphii* (A. de Rumph). *Quoy & Gaim. V. A.* t. 23. f. 45; cop. *Rang, Aplysia*, t. .

## TAB. 135.

1. *Dolabella Rumphii*. *Rang, Aplys.* t. . a. shell.

## TAB. 136.

1. *Dolabella termida*. *Rang, Aplysia*, t. 3. a. shell.
2. *Dolabella ecaudata*. *Rang, Aplysia*, t. 12. f. 2.

## TAB. 137.

1. *Aplysia* de Tonga. *Quoy, Voy. Astrolabe*, t. 23. f. 6. *a.* shell.
2. *Dolabella* Rumphii. *Cuvier, Anat. Moll.* t. . f. . *a.* shell.

## TAB. 138.

1. *Aplysia* depilans. *Rang, Aplys.* t. . f. . *a.* shell.
2. *Aplysia* rosea. *Rang, Aplys.* t. . f. . *a.* shell.

## TAB. 139.

1. *Aplysia* punctata. *Cuvier, Anat. Moll.* t. . f. . *a.* shell.
2. *Aplysia* Lessonii. *Rang, Aplysia*, t. . f. . *a.* shell.

## TAB. 140.

1. *Aplysia* punctata. *Rang*, t. . f. . *a.* shell.
2. *Aplysia* brasiliensis. *Rang*, t. f. . *a.* shell.

## TAB. 141.

1. *Aplysia* fusca. *Tilesius, Krusenst. Voy.* t. ; *Rang*, t. 18. f. 1.
2. *Aplysia* Keraudreni. *Rang*, t. . f. . *a.* shell.

## TAB. 142.

1. *Aplysia* depilans. *Rang*, t. . f. .
2. *Aplysia* depilans. *Blainville, Man.* t. 43. f. 4.

## TAB. 142\*.

1. *Aplysia* maculata. *a.* shell. *Rang, Aplys.* t. .
2. *Aplysia* Webbia. *Roth. & Vaub. Mag. Zool.* t. 77. f. 3. *a.* shell.
3. *Aplysia* fasciata. *a.* shell, side view. *Rang, Aplysia.*
4. *Aplysia* Brugnatella. *Roth. & Vaub. Mag. Zool.* t. 77. f. 1, 2.

## TAB. 143.

1. *Aplysia* Inca. *D'Orbigny, Voy. Amer. Merid.* t. 19. f. 1, 2, 3. *a.* shell.
2. *Aplysia* Argus. *Rüpp. Atl.* t. 7. f. 1.

## TAB. 144.

1. *Aplysia* Protea. *Rang, Aplys.* t. . f. . *a.* shell.
2. *Aplysia* dactylomela. *Rang, Aplys.* t. . f. . *a.* shell.

## TAB. 145.

1. *Aplysia* Camelus. *Rang, Aplys.* t. 15 ; from *Cuv. Anat. Moll.*
2. *Aplysia* alba. *Rang, Aplys.* t. 15. *a.* under side.

## TAB. 146.

1. *Aplysia* marginata. *Philippi, Moll. Sicil.* t. 22. f. 2.

2. *Aplysia punctata*. *Philippi, Moll. Sicil* t. 22. f. 1.
3. *Aplysia* ——. *Philippi, Moll. Sicil*. t. . f. .
4. *Aplysia viridis*. *Montague, Linn. Trans.* vii. t. 7. f. 1.

## TAB. 147.

1. *Aplysia nigra*. *D'Orbigny, Voy. Amer. Merid.* t. 18. f. 1.
2. *Aplysia Dumortieri*. *Cantraine, Mem. Brux.* xiii. t. 3. f. 2.
3. *Aplysia Sicula*. *Swainson's Mal.* 247. f. 45.
4. *Aplysia depressa*. *Cantraine, Mem. Brux.* xiii. t. 3. f. 1.

## TAB. 148.

1. *Aplysia ocellata*. *D'Orb. II. N. Canaries*, t. . a. side view. b. under side of head. c. shell.

## TAB. 149.

1. *Aplysia Dobabrifera*. *Rang, Aplys.* t. . f. . a. shell.
2. *Aplysia linguifera*. *Rang, Aplys.* t. 5. f. 4. a. shell.
3. *Aplysia ascifera*. *Rang, Aplys.* t. . f. . a. shell.
4. *Aplysia longicornis*. *Rang, Aplys.* t. 19. a. shell.
5. *Aplysia petalifera*. *Rang, Aplys.* t. . f. . a. shell.
6. *Aplysia marmorata*. *Rang, Aplys.* t. . f. . a. shell.
7. *Aplysia Ferussacii*. *Rang, Aplys.* t. 19. f. 6, 7. a. shell.
8. *Aplysia sores*. *Rang, t.* . f. . a. shell.

## TAB. 150.

1. *Aclisia Savigniana*. *Rang, Aplys.* t. 20. Side view.
2. back view. 3. details of head. 4 & 5. details of stomach?

## TAB. 151.

1. *Aclisia Pleii*. *Rang, Aplys.* t. 21.
2. *Aclisia limacina*. *Rang, Aplys.* t. 21. f. 6, 7.
3. *Aclisia viridis*. *Rang, Aplys.* t. 22. f. 11.
4. *Aclisia longicauda*. *Quoy & Gaimard*, t. . f. ; *Rang, Aplys.* t. .
5. *Aclisia undata*. *Rang, Aplys.* t. 22. f. 3, 4.
6. *Aclisia citrina*. *Rang, Aplys.* t. 22. f. 1, 2.

## TAB. 152.

1. *Notarchus laciniatus*. *Rüpp. Atlas*, t. .
2. *Notarchus ocellatus*. *Rang, Aplys.* t. 24. f. 2, 3. a. shell.
3. *Notarchus Cuvieri*. *Blainville, Man. Mal.* t. 43. f. 5.

## TAB. 153.

1. *Notarchus Cuvieri*. *Chiaje, Mem.* t. 69. f. 4.
2. *Notarchus gelatinosus*. *Rang, Aplys.* t. f. .
3. *Notarchus Cuvieri*. *Blainv. Man. Malac.* t. 43. f. 7.  
a. side view.
4. *Bursatella Leachii*. *Blainv. Man. Malac.* t. 43. f. 6.



5. *Notarchus punctatus*. *Philippi, Sicil.* t. 7. f. 9. a. under surface.

## TAB. 154.

1. *Aplysia* (just hatched). *Ann. Sci. Nat.* xviii. t. .
2. *Carinaria mediterranea*. *Ann. Sci. Nat.* xviii. t. 10. f. 3.
3. *Chiton fascicularis*. *Philippi, Moll. Sicil.* t. 7. f. 2.
4. *Chiton* ——. *Krusenstern, Atlas*, t. 83. f. 35.
5. *Chiton icelandicus*. *Müller. Prof. Thienemann's drawings*. Iceland.
6. *Chiton* ——. *Cuvier, Anat. Moll.* t. . f. .

## TAB. 155.

1. *Firola Blainvilliana*. *Lesueur, Journ. Acad. N. S. Phil.* i. 39. t. 2. f. 2.
2. *Pterotrachea hyalina*. *Forskael, Fauna Arabica*, t. 34. f. B.
- 3, 3 a. *Pterotrachea*, n. s. *Dr. J. Hooker's drawings*.
- 4, 4 a. *Cardiapoda*, n. s. *Dr. J. Hooker's drawings*.
5. *Pterotrachea hippocampus*. *Philippi, Moll. Sicil.* t. 28. f. 16.
6. *Firola caudine*. *Rang, Mag. Zool.* 1832, t. .
7. *Firola Forskalia*. *Blainville, Man. Malac.* t. 47. f. 4; from *Lesueur*, t. 1. f. 3.
8. *Firola Desmarestiana*. *Lesueur, l. c.* i. 39. t. 2. f. 1.
9. *Firola aculeata*. *Lesueur, l. c.* i. 39. t. 2. f. 3.

## TAB. 156.

1. *Pterotrachea coronata*. *Cantraine, Mem. Bruxelles*, xiii. t. . f. .
2. *Firola junior*. *Quoy, Voy. Astrol.* t. 29. f. 17.
3. *Firole caudine*. *Rang, Mag. Zool. Moll.* t. 3.

## TAB. 157.

- 1 & 1 a. *Pterotrachea coronata*. *Chiaje, Mem.* t. 69. f. 1.
2. *Pterotrachea Frederici*. *Chiaje, Mem.* t. 69. f. 5.
3. *Firola hyalina*. *Chiaje, Mem.* t. 47. f. 13.

## TAB. 158.

1. *Pterotrachea* ——. *Forskael, Faun. Arab.* t. 34. f. D; tail of f. 3?
2. *Pterotrachea aculeata*. *Forskael, Faun. Arab.* t. 34; only tail of f. 3.
3. *Pterotrachea coronata*. *Forskael, Faun. Arab.* t. 34. f. a.
4. *Pterotrachea pulmonata*. *Forskael, Faun. Arab.* t. 43. f. A.
5. *Pterotrachea aculeata*. *Forskael, Faun. Arab.* t. 34. f. c; tail of f. 3.

## TAB. 159.

1. *Pterotrachea coronata*. *Philippi, Moll. Sicil.* t. 28. f. 15.

2. *Firola Edwardsii*. *Desh. in Cuvier Reg. Animal, Crochard, Moll. t. 39. f. 1.*
3. *Pterotrachea* ——. *Cuvier, Anat. Moll. t. . f. .*
4. *Pterotrachea Lesueurii*. *Risso, Europ. Merid. iv. t. 2. f. 14.*

## TAB. 160.

1. *Firola Cuvieria*. *Lesueur, Journ. Acad. N. S. Phil. i. 6. t. 1. f. 4*; and *Ann. Mus. II. N. xiv. 218. t. 2. f. 8, t. 15. f. 57.*
2. *Firola mutica*. *Lesueur, l. c. i. 6. t. 1. f. 1*; *Cantraine, Mem. Brux. xiii. 44.*
3. *Firola Frederica*. *Lesueur, l. c. i. 7. t. 1. f. 5*; *Cantraine, Mem. Brux. xiii. 43*; cop. *Blainv. Malac. t. 47. f. 4.*
4. *Firola gibbosa*. *Lesueur, l. c. i. 6. t. 1. f. 2.*
5. *Firola Forskalia*. *Lesueur, Journ. Acad. N. S. Phil. i. 6. t. 1. f. 3.*
6. *Firola Peronia*. *Lesueur, l. c. i. 7. t. 1. f. 6.*

## TAB. 161.

1. *Carinaria cymbium*. *Lamk.; Milne-Edwards, Cuvier, Reg. Anim., Crochard, Moll. t. 38. f. 1.*
2. *Carinaria mediterranea*. *Chiaje, Mem. t. 41. f. 1.*

## TAB. 162.

1. *Phylliroë punctulatum*. *Quoy & Gaim. Voy. Astrol. t. 28. f. 15.*
- 2, 2 a. *Phylliroë roseum*. *D'Orb. Voy. Amer. Merid. t. 20. f. 16, 17.*
3. *Phylliroë amboinensis*. *Quoy & Gaim. Voy. Astrol. t. 28. f. 10*; copied *Cuvier, R. A., Crochard, t. 39. f. 4.*
4. *Phylliroë Lichtensteinii*. *Eschsch. Zool. Atlas, t. 19. f. 6 a, b.*
5. *Phylliroë rubrum*. *Quoy & Gaim. Voy. Astrol. t. 28. f. 14.*

## TAB. 163.

- 1 & 2. *Umbrella chinensis*. *Blainv. Man. Malac. t. 44. f. 1.*
3. *Umbrella mediterranea*. *Lam.; Chiaje, Mem. t. 69. f. 5.*
4. *Umbrella indica*. *Ency. Metrop. t. . f. .* Shell removed. From the specimen in the British Museum, described by M. De Blainville as *Gastroplox*.

## TAB. 164.

1. *Umbrella mediterranea*. *Desh. Cuvier R. Anim. Croch. t. 37. f. 1.*

## TAB. 165.

1. *Umbrella indica*. *Eydoux, Voyage la Bonite, t. 27. f. 2.*

## TAB. 166.

1. *Pleurobranchus* ——. *Rüppell, Zool. Atlas, t. 3. f. 2, 2 a.*

2. Pleurobranchus Lesueurii. *Blainville, Man. Malac.* t. 43. f. 2.
3. Sigaret. *Cuvier, Reg. Anim.* t. 14. f. 4.

## TAB. 167.

1. Pleurobranchus Peronii. *Cuvier, Reg. Anim., Crochard,* t. 32. f. 1.
2. Pleurobranchus de Haanii. *Cantr. Mem. Brux.* xiii. t. 4. f. 6.
3. Pleurobranchus auranticus. *Philippi, Moll. Sicil.* t. 20. f. 7.
4. Berthelle poreuse. *Blainv. Man.* t. 43. f. 1.
5. Pleurobranchus aurantius. *Risso, Mag. Zool.* t. .
6. Pleurobranche de Peron. *Quoy, Voy. Astrol.* t. 22. f. 7.
7. Pleurobranchus luniceps. *Cuv. R. A.* t. 14. f. 2.
8. Pleurobranchus Peronii. *Cuv. Anat. Moll.* t. .
9. Pleur. auranticus. *Risso, Eur. Merid.* iv. t. 1. f. 5.

## TAB. 168.

1. Pleurobranchus Meckelii. *Blainv. Man. Mal.* t. 43. f. 3.
2. Pleurobranchæa Meckelii. *Cuvier, R. A., Croch.* t. 32. f. 2.
3. Posterobranchæa maculata. *D'Orb. Voy. Am. Merid.* t. 17. f. 6, 10.

## TAB. 169.

1. Pleurobranchus ———.
2. P. ———.
3. Pleurobranchus reticulatus. *Rany, Mag. Zool.*
4. Pleurobranchus ———. *Chiaje, Mem.* t. 41.
5. Pleurobranchus ———. *Forskael, Fann. Arab.* t. 28. f. a.

## TAB. 170.

1. Pleurobranchus ———. *Savigny's Egypt,* t. 3. f. 2.

## TAB. 171.

1. Pleurobranchus patagonicus. *D'Orb. Voy. Amer. Merid.* t. 17. f. 45. a. shell.
2. Pleurobranchus ———. *Philippi, Moll. Sicil.* t. 21. f. .
3. Pleurobranchus brevifrons. *Philippi, Moll. Sicil.* t. 21. f. 5. b. shell.
4. Pleurobranchus perforatus. *Philippi, Moll. Sicil.* t. 21. f. 2. b. shell.

## TAB. 172.

1. Pleurobranchus Blainvillei. *Lesson, Cent. Zool.* t. .
2. Pleurobranchus ———. *Chiaje, Mem.* iv. t. .

## TAB. 173.

1. Pleurobranchus ———. *Savigny, Moll. Egypt,* t. 3. f. 2.
2. Pleurobranchus Meckelii. *Chiaje, Mem.* t. 40. f. 11.

3. Pleurobranchæa Meckelii (alive). *Cantraine, Mem. Brux.* xiii. t. 3. f. 3.

## TAB. 174.

1. Pleurobranchus aurantiacus. *Cantr. Mem. Brux.* xiii. t. 4. f. 7.  
 2. Pleurobranchus cornutus. *Quoy & Gaim. Voy. Astrol.* t. 22. f. 20, 24.  
 3. Pleurobranchidium maculatum. *Quoy, Voy. Astrol.* t. 22. f. 12.  
 4. Pleurobranchus mammillatus. *Quoy, Voy. Astrol.* t. 22. f. 1, 2, 3, 4.

## TAB. 175.

1. Bulle banderolle. *Eydoux, Voy. la Bonite*, t. 25. f. 14, 18.  
 2. Bulle fasciée. *Eydoux, Voy. la Bonite*, t. 25. f. 18.  
 3. Bulla amplustre. Mr. Adams's drawing.  
 4. Bulla striata. *Wiegmann, Arch.* 18 , t. 5. f. 11.  
 5. Bullæa ——. Mr. Adams's drawing. Borneo.  
 6. Bullæa aperta. *Cuvier, Anat. Moll.* t . f .

## TAB. 176.

1. Lobiger Philippii. *Krohn, Ann. Sci. Nat.* vii. t. 2. f. 1, 2. b. shell.  
 2. Elysia viridis. *Verany, Cat.* t. 2. f. 1.  
 3. Lophocerus Sieboldii. *Krohn, Ann. Sci. Nat.* vii. t. 2. f. 5, 6. b. shell.  
 4. Placobranchus ——. *Rang, Man. Moll.* t . f .  
 5. Elysia ——.

## TAB. 177.

1. Cenia Cocksii. *Alder & Hancock, Ann. & Mag. N. H.* i. t. 19. f. 1.  
 2. Acteonina corrugata. *Alder & Hancock, Ann. & Mag. N. H.* i. t. 19. f. 2, 3.  
 3, 4. Limapontia nigra. *Alder & Hancock, Ann. & Mag. N. H.* i. t. 19. f. 4, 6.  
 5. Aplysia punctata. *Guerin, Icon. Reg. Anim.* t. 10. f. 3.

## TAB. 178.

1. Bulla smaragdina. Mr. Adams's drawing. Borneo.  
 2. Vitrella ——. Mr. Adams's drawing.  
 3. Bulla ampulla? Mr. Adams's drawing. Borneo.  
 4. Cyliindrella ——. Mr. Adams's drawing. Borneo.  
 5. Scaphander? ——. Mr. Adams's drawing. Borneo.

## TAB. 179.

1. Placobranchus euchlorus. Mr. Adams's drawing. Borneo.  
 2. P. ocellatus (Van Hasselt). Mr. Adams's drawing. Borneo.

## TAB. 180.

- 1—5. Acteon ——. *Sars, Besch.* t. 14. f. 37.
6. Acteon australis. *Quoy & Gaim. Voy. Astrol.* t. 24. f. 18—20.
7. Aplysioporus ——. *Chiaje,* t. 51. f. 5, 6.
- 8 & 9. Elysia timida. *Risso, Eur. Merid.* t. 1. f. 3, 4.
- 10 & 11. Elysia fusca. *Philippi, Moll. Sicil.* t. 22. f. 4.
12. Elysia timida. *Philippi, Moll. Sicil.* t. 22. f. 5.
13. Fucola rubra. *Quoy, Voy. Astrol.* 321. t. 24. f. 21, 22.
14. Elysia viridis. *Cantr. Mém. Brux.* t. 3. f. 8.
15. Limax bitentaculatus. *Quoy, Voy. Astrol.* t. 13. f. 1, 2.  
New Zealand.

## TAB. 181.

1. Onchidium patelloideum. *Quoy, Voy. Astrol.* 212. t. 15. f. 21, 23.
2. Onchidium nigricans. *Quoy, Voy. Astrol.* 214. t. 15. f. 24, 26.
3. Onchidium cinereum. *Quoy, Voy. Astrol.* t. 15. f. 27.
4. Onchidium incisum. *Quoy, Voy. Astrol.* t. 15. f. 19, 20.
5. Onchidium ——. Mr. Reeve's drawings. China.
6. Onchidium marmoratum. *Lesson, Voy. Uran.* t. 14. f. 3.
7. Onchidium Peronii. *Curier, Anat. Moll.* t. .
8. Onchidium Typhæ. *Swains. Malac.* 327; cop. *Buchanan, Linn. Trans.*

## TAB. 182.

1. Onchidium Tonganum. *Quoy & Gaim. Voy. Astrol.* t. 15. f. 17, 18.
2. Onchidium Typhæ. *Linn. Trans.* t. . f. ; cop. *Ferussac, Moll.* t. 8. f. 1, 2, 3.
3. Onchidium ——. *Hardwick, Icon, ined.* t. .

## TAB. 183.

1. Onchidium granulosum. *Lesson, Voy. Coq.* t. 14. f. 2.
2. Peronée de Isle de France. *Blainv. Malac.* t. 46. f. 7.
3. Onchidium punctatum. *Quoy & Gaim. Voy. Astrol.* t. 26. f. 1.
4. Onchidium ——. *Savigny, Moll. Egypt.* t. 2. f. 1, 5.
5. Onchidium ——. *Savigny, Moll. Egypt.* t. 2.
6. Onchidium ——?
7. Onchidie noire. *Lesson, Zool. Illust.* t. 3.

## TAB. 184.

1. Sagita triptera. *D'Orb. Amer. Merid.* t. 10. f. 1, 3.
2. Sagita hexaptera. *D'Orb. Amer. Merid.* t. 10. f. 4, 5.
3. Sagita diptera. *D'Orb. Amer. Merid.* t. 10. f. 6, 7.
4. Sagita ——. Dr. J. Hooker's drawing.
5. Sagita. *Darwin, Ann. Nat. Hist.* xiii. t. .

## TAB. 185.

1. Sagita. *Scoresby, Arctic Reg. t.*
- 2—5, 7—9. Sagita. *Dr. Joseph Hooker's drawing.*
6. Sagita. *Dr. Robertson's drawing.*

## TAB. 186.

1. Diphyllidea lineata. *Otto, Acad. Nat. Cur.*
2. Diphyllidea pustulosa. *Philippi, Moll. Sic. t. 19. f. 12 a, b.*

## TAB. 187.

1. Diphyllidea lineata. *Cantraine, Mém. Brux. xiii. t. 2. f. 4.*
2. Pleurophyllidia neapolitana. *Chiaje, Mem. t. 10. f. 12.*
3. Diphyllidea lineata. *Desh. Cur. R. A. Croch. t. 31. f. 3.*
4. Linguella Elfortii. *Blainville, Man. Malac. t. 47. f. 2.*
5. Diphyllidea ocellata. *Desh. Cur. R. A. Croch. t. 31. f. 2.*
6. Diphyllidea verrucosa. *Cantr. Mém. Brux. xiii. t. 2. f. 3.*

## TAB. 188.

1. Chiton Isabella. *D'Orb. Voy. Am. Mer. t. 65. f. 15.*
2. Chiton zetlandicus. *Quoy & Gaim. Voy. Astrol. t. 73. f. 5.*
3. Chiton tehuelchus. *D'Orb. Voy. Am. Mer. t. 65. f. 8.*
4. Chiton monticularis. *Quoy & Gaim. Voy. Astrol. t. 73. f. 30, 31.*
5. Chiton Garnoti. *Quoy & Gaim. Voy. Astrol. t. 73. f. 10.*
6. Chiton fascicularis. *Cuvier, Reg. Anim. Croch. t. 68. f. 1.*
7. Chiton ———?

## TAB. 189.

1. Chiton monticularis. *Quoy, Voy. Astrol. t. 73. f. 7\*.*
2. Chiton Inca. *D'Orb. Voy. Amer. Merid. t. 65. f. 21.*
3. Chiton (Chitonellus) violaceus. *Quoy, Voy. Astrol. t. 73. f. 15, 20.*
4. Chiton larviformis. *Blainv. Man. Malac. t. 87. f. 6, 7.*
5. Chitonellus fasciatus. *Quoy, Voy. Astrol. t. 73. f. 22; cop. Cuvier, R. A. Croch. t. 68. f. 3.*
6. Chiton pelliserpentis. *Quoy, Voy. Astrol. t. 74. f. 19.*

## TAB. 190.

1. Chiton ———. *Savigny, Moll. Egypt. t. 3. f. 4.*
2. Chiton ———. *Savigny, Moll. Egypt. t. 3. f. 5?*
- 2 d. Chiton fascicularis. *Savigny, Moll. Egypt. t. 3. f. 5.*
3. Chiton squamosus. *Savigny, Moll. Egypt. t. 3. f. 9.*

## TAB. 191.

1. Eolida Inca. *D'Orb. Voy. Amer. Merid. Moll. t. 13.*
2. Eolida Inca. *D'Orb. Voy. Amer. Merid. Moll. t. 13.*
- 3, 3 a. Eolida patagonica. *D'Orb. Voy. Amer. Merid. t. 14. f. 4—6.*
4. Eolis coronata. *Forbes, Hancock, Ann. & Mag. N. H. t. 1. f. 2.*

## TAB. 192.

1. *Eolis concinna*. Alder & Hancock, *Brit. Nudib.* t. 24. a. head.
2. *Eolis alba*. Alder & Hancock, *Brit. Nudib.* t. 21.
3. *Eolis olivacea*. Alder & Hancock, *Brit. Nudib.* t. 26. a. head.

## TAB. 193.

1. *Eolis Farrani*. Alder & Hancock, *Brit. Nudib.* iii. t. 35.
2. *Eolis tricolor*. Alder & Hancock, *Brit. Nudib.* iii. t. 34.
3. *Eolis despecta*. Alder & Hancock, *Brit. Nudib.* iii. t. 36.

## TAB. 194.

1. *Cavolina rubra*. Cantraine, *Bull. Brux.* ii. 348; *Mém. Acad. Brux.* xiii. t. 4. f. 5.
2. *Eolis Limacina*. Philippi, *Moll. Sicil.* t. 19. f. 1.
3. *Eolidia annulata*. Cuvier, *R. A. Crochard, Moll.* t. 30\*. f. 1, f. 1 a, f. 1 b; from Quoy, *Voy. Astrol.* t. 21. f. 15, 16, 17.
4. *Eolida cærulescens*. Laur. in Cuvier, *R. A. Crochard, Moll.* t. 30\*. f. 5.
5. *Eolis Scacchina*. Philippi, *Moll. Sicil.* t. 19. f. 6.
6. *Eolida natans*. D'Orb. *Voy. Amer. Merid.* t. 13. f. 8.
7. *Eolidina paradoxum*. Quatrefages, *Ann. Sci. Nat.* 184 ?, t. . f. .
8. *Eolidia Inca*. D'Orb. *Voy. Amer. Merid.* t. 13. f. 4.
9. *Doris peregrina*. Chiaje, *Mem.* t. 38. f. 16.
10. *Eolis Lottina*. Lesson, *Voy. Coq.* t. 14. f. 6.
11. *Eolida à longue queue*. Quoy, *Voy. Astrol.* t. 21. f. 14.

## TAB. 195.

1. *Eolida Cuvierii*. Johnston, *Ann. & Mag. N. H.* t. . f. .
2. *Doris cærulea*. Montag. *Linn. Trans.* vii. t. 7. f. 4.
3. *Eolidia pennata*. Eschsch. *Z. Atlas*, t. 19. f. 1.
4. *Cavolina subrosacea*. Eschsch. *Z. Atlas*, t. 19. f. 3.
5. *Cavolina crassicornis*. Eschsch. *Z. Atlas*, t. 19. f. 2.
6. *Eolide de Cuvier*. Blainv. *Man. Malac.* t. 46. f. 8.
7. *Eolida bella*. Rüppell, *Zool. Atlas*, t. 10. f. 4.
8. ————. Blainv. *Man. Malac.* t. 46. f. 7.
9. *Doris bifida*. Montag. *Linn. Trans.* xi. t. 14. f. 2.
- 10, 10 a. *Eolis* ————. Cuvier, *Anat. Moll.* t. . f. 12, 13.
11. *Doris papillosa*. Montag. *Linn. Trans.* xi. t. 11. f. 3.

## TAB. 196.

1. *Polycera cornuta*. Cuvier, *Reg. Anim.* t. 30. f. 2; cop. Müller, *Zool. Dan.* t. .
2. *Eolis gymnota*. Couthouy, *Boston Jour. N. H.* 1838, t. 1. f. 3.
3. *Eolis bostoniensis*. Couthouy, *Boston Jour. N. H.* 1838, t. 1. f. 1.
4. *Eolis diversa*. Couthouy, *Boston Jour. N. H.* 1838, t. 4. f. 14.



5. *Eolis Salmonacea*. *Couthouy, Boston Jour. N. H.* 1838, t. 1. f. 2.
6. *Tritonia* ——. Mr. Adams's drawing. Borneo. *Adams, Zool. Samarang*, t. ?

## TAB. 197.

1. *Venilia mucronifera*. *Proctonotus m.* *Alder & Hancock, Brit. Nudib.* iii. t. 42. *a.* head beneath. *b.* a gill.
2. *Eolis olivacea*. *Hancock, Ann. & Mag. N. H.* t. 1. f. 3.
3. *Eolis papillosa*. *Johnston, Hancock, Ann. & Mag. N. H.* 18 ? t. 1. f. 1.
- 4, 4 *a.* *Stiliger ornatus*. *Ehrenb. Symb. Phys.* t. 1. f. 34.
5. *Calliopæa bellula*. *D'Orb. Mag. Zool.*
6. *Eolida* ——. *Baster. Opusc.* t. 10. f. 1.

## TAB. 198.

1. *Melibeia coronata*. *Johnston, Ann. & Mag. N. H.* *b.* under side.
2. *Tergipede lacinule*. *Blainv. Man. Malac.* t. 46. f. 6.
3. *Doris maculata*. *Mont. Linn. Trans.* vii. t. 7. f. 8. *a.* gill, separate.
4. *Eubranthus tricolor*. *Forbes, Moll. Monens.* t. . f. .
5. *Doris pinnatifida*. *Montag. Linn. Trans.* vii. t. 7. f. 2, 3. *a.* single gill.
6. ? *Speo crenaticornis*. *Montag. Linn. Trans.* xii. t. 14. f. 3.
7. *Melibæa (Doto) fragilis*. *Forbes, Mol. Monens.* t. . f. .
8. *Bursiris griseus*. *Risso, Eur. Merid.* t. 1. f. 6; cop. *Cuv. R. A. Crochard*, t. 30\*. f. 6.
9. *Eolide*, *Cuvier, Anat. Moll.* t. . f. 14, 15.
10. *Eolida purpurascens*. *Flem. Phil. Zool.* 470. t. 4. f. 2.
- 11, 11 *a.* *Tritonia decaphylla*. *Cantraine, Mém. Acad. Brux.* xiii. t. 4. f. 3, 3 *a.*
12. *Tergipes Lamarekii*. *Desh. Cuv. R. A. Crochard, Moll.* t. 30\*. f. 4, 4 *a.*
13. *Flabellina affinis*. *Cuvier, R. A. Crochard, Moll.* t. 30\*. f. 2.
14. *Cavolina peregrina*. *Cuvier, R. A. Crochard, Moll.* t. 30\*. f. 3.

## TAB. 199.

1. *Zephrina* ——. *Quatrefages, Ann. Sci. Nat.* 1844, t. 3. f. 1.
2. *Acteon viridis*. *Quatref. Ann. Sci. Nat.* 1844, t. 3. f. 2.
3. *Acteon elegans*. *Quatref. Ann. Sci. Nat.* 1844, t. 3. f. 3.
4. *Acteonina sinistra*. *Quatref. Ann. Sci. Nat.* 1844, t. 3. f. 4.
5. *Amphorina Alberti*. *Quatref. Ann. Sci. Nat.* 1844, 176. t. 3. f. 5.
6. *Pelta coronata*. *Quatref. Ann. Sci. Nat.* 1844, t. 3. f. 6.
7. *Chalcides cærulea*. *Quatref. Ann. Sci. Nat.* t. 3. f. 7.
- 8, 8 *a.* *Tergipes coronata*. *D'Orb. Mag. Zool.* 184 ? t. .
- 9, 9 *a.* *Tergipes affinis*. *D'Orb. Mag. Zool.* 184 ? t. .

10. *Idalia elegans*. *Leukhart, Précis*, t. . f. . a. back (in spirits).
11. *Montagua viridis*. *Forbes, Ann. N. H.* v. t. 2. f. 18.

## TAB. 200.

1. *Eolis pellucida*. *Alder & Hancock, Brit. Nudib.* iii. t. 19.
2. *Janus Spinolæ*. *Verany's Cat. Moll.* t. 2. f. 9.
3. *Eolis angulata*. *Alder & Hancock, Brit. Nudib.* t. .
4. *Eolidia* ——. *Eydoux, Voy. la Bonite*, t. 24 a. f. 1.

## TAB. 201.

1. *Glaucus* ——. *Lesueur, Voy. Ter. Aust.* t. 29. f. 2.
2. *Glaucus* ——. From Dr. J. Hooker's drawing. Antarctic Exped.
3. *Glaucus* ——. *Cuvier, Anat. Moll.* t. . f. 11.
4. *Glaucus* ——. From Dr. J. Hooker's drawing.
5. *Glaucus* ——. From Dr. J. Hooker's drawing.
6. *Glaucus* ——. a. eggs.

## TAB. 202.

1. *Glaucus pacificus*. *Eschsch. Z. Atlas*, t. 19. f. 5.
2. *Glaucus* (jun.). Dr. Sinclair's drawing. Coast of Brazils, 1836.
3. *Glaucus de Foster*. *Quoy, Voy. Astrol.* t. 21. f. 6, 7; cop. *Cuv. R. A. Croch.* t. 20. f. 3.
4. *Glaucus atlanticus*. *Blainv. Man. Mal.* t. . f. ; cop. *Lesueur*.
5. *Glaucus distichoicus*. *D'Orb. Voy. Amer. Merid.* t. 14. f. 1, 2, 3.
6. *Glaucus Draco*. *Eschsch. Z. Atlas*, t. 19. f. 4, 5.

## TAB. 203.

1. *Scyllæa pelagica*. *Blainv. Malac.* t. 46. f. 5.
2. *Nerea punctata*. *Lesson, Voy. Coq.* t. 14. f. 5.
3. *Scyllæa pelagica*. *Cuvier, Anat. Moll.* t. . f. 1, 3, 4, 7.
4. *Scyllæa pelagica*. *Scyllæa ghomfodensis*, *Forsk. F. A.* 103. *Forsk. Faun. Arab.* t. 39. f. C. (called by mistake *Lithophyton fulvum* in explanation of plates).
- 5, 5 a. *Scyllæa pelagica*. *M. Edward in Cuvier, R. A. Crochard, Moll.* t. 29. f. 2; cop. *Quoy & Gaim.* t. . f. , from life.
6. *Scyllæa*? Dr. J. Hooker's drawings.

## TAB. 204.

1. *Polycera quadrilineata*. *Alder, Ann. & Mag. N. H.* vi. t. 9. f. 4, 5, 6.
2. *Polycera typica*. *Thompson, Ann. & Mag. N. H.* v. t. 2. f. 5.

3. *Polycera quadrilineata*. *Alder, Ann. & Mag. N. H.* vi. t. 9. f. 1, 2, 3.
4. *Polycera cristata*. *Alder, Ann. & Mag. N. H.* vi. t. 9. f. 10, 11, 12. *a.* under side. *b.* one gill.
5. *Polycera quadrilineata*, var. *Thompson, Ann. & Mag. N. H.* v. t. 2. f. 6.
6. *Polycera citrina*. *Alder, Ann. Nat. Hist.* vi. t. 9. f. 7, 8, 9.
7. *Polycera Lessonii*. *D'Orb. Mag. Zool.* 184 ? t. . *a.* back. *b.* underside.
8. *Polycera ornata*. *D'Orb. Mag. Zool.*
9. *Polycera punctilucens*. *D'Orb. Mag. Zool.*

## TAB. 205.

1. *Eolis histrix*. *Otto, Acad. Nat. Cur.* ii. t. 38. f. 2 *a, b, c.*  
*b.* front magnified.
2. *Eolis?* *Krusenstern, Atlas*, 1813, t. 83. f. 29.
3. *Limax tergipes*. *Forsk. Faun. Arab.* t. 26. f. E.
4. *Limax minimus*. *Forsk. Faun. Arab.* t. 26. f. H.
5. *Limax tergipes*. *Forsk. Faun. Arab.* t. 26. f. F.
6. *Eolis annulicornis?* *Otto, Acad. Nat. Cur.* x. t. 24. f. 1 *a, b.*
7. ———? *Krusenstern, Atlas*, t. 83. f. 39, 1813.
8. *Limax marinus*. *Forsk. Faun. Arab.* t. 26. f. 9.
9. ———. *M. Edwards, Ann. Sci. Nat.* xviii. t. 10. f. 2, showing the anatomy.
10. ———. *Cavolin, Pol. Mar.* t. 7. f. 3.
11. ———. *Cavol. Pol. Mar.* t. 7. f. 4.

## TAB. 206.

1. *Eolis coronata*. *Alder & Hancock, Brit. Nudib.* ii. t. 12.  
*a.* a tentacle.
2. *Eolis punctata*. *Alder & Hancock, Brit. Nudib.* ii. t. 15.
3. *Eolis amœna*. *Alder & Hancock, Brit. Nudib.* iii. t. 30. f. 1.  
*a.* head.

## TAB. 207.

1. *Eolis arenicola*. *Alder & Hancock, Brit. Nudib.* iii. t. 31.
2. *Eolis cingulata*. *Alder & Hancock, Brit. Nudib.* iii. t. 28.
3. *Eolis picta*. *Alder & Hancock, Brit. Nudib.* iii. t. 33.

## TAB. 208.

1. *Eolis Northumbrica*. *Alder & Hancock, Brit. Nudib.* iii. t. 31.
2. *Doto coronata*. *Alder & Hancock, Brit. Nudib.* i. t. 6.

## TAB. 209.

1. *Tritonia plebeia*. *Alder & Hancock, Brit. Nudib.* iii. t. 3. f. 2.
2. *Tritonia* ———. *Boston Journ. N. H.* t. . f. .
3. *Tritonia Costæ*. *Ferany, Cat. Moll.* t. 2. f. 6, 7.

## TAB. 210.

1. Tethys Leporina. *Chiaje, Mem. t. 39. f. 1, 2.*
2. Thethys fimbriata. *Blainv. Man. t. 46. f. 9 a; Cuvier, Reg. Anim. Crochard, Moll. t. 20. f. 1, 1 a.*

## TAB. 211.

1. Tritonia Thethydea. *Chiaje, Mem. t. 62. f. 20.*
2. Tritonia Hombergii. *Johnston, Ann. Nat. Hist. a. under side of head, reduced.*
3. Tritonia cyanobranchiata. *Rüppell, Zool. Atlas, t. 4. f. 3.*
4. Tritonia glama. *Rüppell, Zool. Atlas, t. 4. f. 2.*

## TAB. 212.

1. Tritonia lactea. *Thompson, Ann. Nat. Hist. v. t. 2. f. 3.*
2. Tritonia de Homberg. *Blainv. Man. Malac. t. 46. f. 6.*
3. Tritonia rubra. *Rüppell, Zool. Atlas, t. 4. f. 1.*
4. Tritonia plebeia. *Johnston, Ann. Nat. Hist.*
5. Tritonia Hombergi. *Cuvier, Reg. Anim. Crochard, Moll. t. 30. f. 4.*
6. Tritonia arborescens. *Cuvier, Anat. Moll. t. . f. 8, 9, 10.*
7. Tritonia quadrilatera. *Philippi, Moll. Sicil. t. 19. f. 2.*
8. Tritonia acuminata. *Costa, Exerc. Accad. Asp. Nat. ii. 69. t. 2. f. 1. Isle of Capri.*
9. Tritonia Hombergii. *Cuvier, Anat. Moll. t. . f. 1, 2.*

## TAB. 213.

1. Villiersia scutigera. *D'Orb. Mag. Zool. 1837, t. . a. the shelly shield.*
2. Doris albolimbata. *Rüppell, Atlas, t. 8. f. 3 a, b.*
3. Doris sordida. *Quoy & Gaim. Voy. Astrol. t. 19. f. 12, 13.*
4. Doris elegans. *Cantraine, Acad. Brux. xiii. t. 3. f. 4.*

## TAB. 214.

1. Onchidoris Leachii. *Blainv. Man. Mal. t. 46. f. 6; copied Cuv. R. A. Crochard, t. 31. f. 1.*
2. Onchidium nanum. *Philippi, Moll. Sicil. t. 20. f. 6.*
3. Buchanania onchidioides. *Lesson, Voy. Coq. t. 14. f. 4.*
4. Doris arborescens. Thienemann's drawing. From Iceland.
5. Doris Tenera. *Costa, Exerc. Accad. Asp. Nat. ii. 68. t. 5. f. 2.*
6. Doris lævis. Müller. Thienemann's drawing. From Iceland.
7. Doris trifida. Gray. Adams's drawing. Borneo.

## TAB. 215.

1. Doris Johnstonii. *Alder & Hancock. Brit. Nudib. t. 5.*
2. Idalia aspersa. *Alder & Hancock. Brit. Nudib. t. 26.*
3. Doris flammca. *Alder & Hancock. Brit. Nudib. t. 4.*

## TAB. 216.

1. *Doris fumosa*. *Quoy & Gaim. Voy. Astrol.* t. 19. f. 14, 15.
2. *Doris* ——. *D'Orb. Nudibranch.* t. . f. .
- 2 c. *Doris* ——. *D'Orb. Nudibranch.* t. . f. .

## TAB. 217.

1. *Doris diaphana*. *Alder & Hancock, Brit. Nudib.* ii. t. 10.
2. *Doris pusilla*. *Alder & Hancock, Brit. Nudib.* ii. t. 13.

## TAB. 218.

1. *Doridigitata Bertholeti*. *D'Orb. Hist. Nat. Canar.* t. 4. f. 6, 7, 8.
2. *Doris punctata*. *D'Orb. Hist. Nat. Canar.* t. 4. f. 1, 2, 3.

## TAB. 219.

1. *Doris*? Mr. Adams's drawing. Borneo.
2. *Heptabranchnus Burnellii*. *Adams, Zool. Samarang.* Borneo.

## TAB. 220.

1. *Hypobranchiæa fusca*. *Adams's drawing*, f. ; copied *Adams & Reere's Zool. Samarang*, t. .
2. *Doris Parctii*. *Verany, Cat. Moll.* t. 2. f. 45.
3. *Pleurobranchidium Delle Chiaji*. *Verany, Cat. Moll.* t. 2. f. 2, 3.
4. *Doris* ——. *Eydoux, Voy. la Bonite*, t. 25. f. 5-9.
5. *Aplysia Oahore*. *Eydoux, Voy. la Bonite*, t. 26. f. 10.

## TAB. 221.

1. *Eumenis marmorata*. *Alder & Hancock, Brit. Nudib.* ii. t. .
2. *Lomanotus Genii*. *Verany, Cat. Moll.* t. 2. f. 8.

## TAB. 222.

1. *Goniodoris castanea*. *Alder & Hancock, Brit. Nudib.* iii. t. 19. a. the tentacula.
2. *Miranda (Ancula) cristata*. *Alder & Hancock, Brit. Nudib.* iii. t. 25. b. head beneath.

## TAB. 223.

1. *Doris flava*. *Montag. Linn. Trans.* vii. t. 7. f. 6.
2. *Doris quadricornis*. *Montag. Linn. Trans.* vii. t. 11. f. 4.
3. *Doris marginata*. *Montag. Linn. Trans.* vii. t. 7. f. 7 ; cop. *D'Orb. Nudib.* t. . f. 6.
4. *Doris purpurea*. *Laurillard, Mag. Zool.* 1813, t. 17. b. gills.
5. *Doris rubra*. *D'Orb. Mag. Zool.* 18 ? t. ; cop. *D. sanguinea*, *D'Orb. Nudib.* t. . f. 1, 2, 3.
6. *Doris lemniscata*. *Quoy, Voy. Astrol.* t. . f. .

## TAB. 224.

1. *Doris violacea*. *Quoy, Voy. Astrol.* t. 19. f. 1, 2.
2. *Doris marginata*. *Quoy, Voy. Astrol.* t. 17. f. 1.

## TAB. 225.

1. *Doris repanda*. *Alder & Hanc. Brit. Nudib.* iii. t. 6.
2. *Doris planata*. *Alder & Hanc. Brit. Nudib.* iii. t. 8.

## TAB. 226.

1. *Doridæ*. *Mr. Alder's MS. drawing.* From Torres Straits, Capt. Ince, R.N.
2. *Doris cruenta*. *Mr. Alder's MS. drawing.* From Torres Straits, Capt. Ince, R.N.
3. *Onchidium punctatum*. *Mr. Alder's MS. drawing.* From Torres Straits, Capt. Ince, R.N.

## TAB. 227.

1. *Goniodoris nodosa*. *Alder & Hanc. Brit. Nudib.* ii. t. 18.
2. *Polycera ocellata*. *Alder & Hanc. Brit. Nudib.* ii. t. 23.

## TAB. 227\*.

1. *Tritonia glama*. *Savigny, Egypt,* t. . f. .
2. *Tritonia glama?* *Savigny, Egypt,* t. . f. .

## TAB. 228.

1. *Dendronotus arborescens*. *Alder & Hanc. Brit. Nudib.* t. 3.
2. *Tritonia Reynoldsii*. *Couthouy, Boston Journ. N. H.* t. .

## TAB. 229.

1. *Doris nigricans*. *Otto, Rapp,* t. 38. f. 1 a, b; *cop. D'Orb. Nudib.* t. . f. 4, 5.
2. *Doris gracilis*. *Rapp, l. c.* t. 27. f. 10.
3. *Doris paleus*. *Rapp, Act. Acad. Nat. Cur.* xiii. t. 27. f. 9.
4. *Doris luteo-rosea*. *Rapp, Act. Acad. Nat. Cur.* xiii. t. 26. f. 6, 7.
5. *Doris setigera*. *Rapp, l. c.* t. 26. f. 8.
6. *Doris tuberculata*. *Rapp, l. c.* t. 2. f. 4, 5.
7. *Doris argus*. *Rapp, Act. Acad. Nat. Cur.* xiii. t. 26. f. 1, 2.
8. *Doris grandiflora*. *Rapp, l. c.* xiii. t. 27. f. 3.

## TAB. 230.

1. *Doris* ——. *Rüppell, Atlas,* t. 8. f. 2.
2. *Doris laciniata*. *Cuvier, Ann. Mus.* iv. t. . f. 1.
3. *Doris* ——. *Quoy, Voy. Astrol.* t. 19. f. .
4. *Doris* ——. *Krusenstern, Voy. Atlas,* t. 83. f. 5.
5. *Doris* ——. *Krusenstern, Voy. Atlas,* t. 83. f. 1, 3.

## TAB. 231.

1. *Idalia cirrigera*. *Philippi, Sicil.* t. 19. f. 5.
2. *Euplocamus plumosus*. *Thomp. Ann. N. H.* v. t. 2. f. 4.
3. *Goniodoris elongata*. *Thomp. Ann. N. H.* v. t. 2. f. 7.
4. *Euplocamus cirrigera*. *Philippi, Wieg. Arch.* 1839, t. 3. f. 2; *Moll. Sicil.* t. 19. f. 4.
5. *Goniodoris emarginata*. *Forbes, Ann. N. H.* v. 105. t. 2. f. 12.
6. *Idalia lacinosa*. *Philippi, Sicil.* t. 19. f. 3.
7. *Doris elegantula*. *Philippi, Sicil.* t. 19. f. 8.
8. *Doris tomentosa*. *Philippi, Sicil.* t. 19. f. 9.
9. *Doris sublævis*. *Thomp. Ann. N. H.* v. t. 2.
10. *Doris tricolor*. *Cantraine, Mém. Brux.* xiii. t. 3. f. 5.
11. *Doris tuberculata*. *Philippi, Sicil.* ii. t. 19. f. 11.
12. *Doris maura*. *Forbes, Ann. N. H.* v. t. 2. f. 17.
13. *Laniogerus Efortii*. *Blainville, Man.* t. 46. f. 4; cop. *Cuv. R. A. Croch.* t. 30. f. .
14. *Doris* ——. *Cuvier, Ann. Mus.* iv. t. . f. 6.
15. *Doris ramosa*. *Cantr. Mem. Brux.* xiii. t. 3. f. 7.
16. *Euplocamus frondosus*. *Philippi, Wieg. Arch.* 1839, t. 3. f. 1; *Moll. Sicil.* t. 19. f. 3.
17. *Doris elegans*. *Philippi, Sicil.* t. 19. f. 10.

## TAB. 232.

1. *Doris impudica*. *Rüppell, Atlas*, t. 9. f. 2.
2. *Doris Villafranca*. *Risso, Mag. Zool.*
3. *Polycera lineata*. *Risso, E. Merid.* iv. t. 1. f. 5.
4. *Doris pulcherrima*. *Cantr. Mem. Brux.* xiii. t. 3. f. 6.
5. *Polycera Webbii*. *D'Orb. Moll. Canar.* t. 4. f. 10, 11.
6. *Polycera dubia*. *Sars, Besch.* t. 2. f. 5, 6; cop. *Isis*, 1832, t. 10. f. 3.

## TAB. 233.

1. *Doris tuberculata*. *Cuv. Reg. Anim. Croch.* t. . f. 1; cop. from *Savigny, Egypt*, t. 1. f. 4.
2. *Doris* ——. *Aud., Savigny, Egypt*, t. 1. f. 5.
3. *Doris* ——. *Aud., Savigny, Egypt*, t. 1. f. 2.
4. *Doris* ——. *Aud., Savigny, Egypt*, t. 1. f. 4.
5. *Doris* ——. *Aud., Savigny, Egypt*, t. 1. f. 1.

## TAB. 234.

1. *Doris mauriciana*. *Quoy, Voy. Astrol.* t. . f. .
2. *Doris flammulata*. *Quoy, Voy. Astrol.* t. 17. f. 6, 7.

## TAB. 235.

1. *Doris sandwichiensis*. *Quoy, Voy. Astrol.* t. . f. .

## TAB. 236.

1. *Doris verrucosa*. *Chiaje, Mem.* t. 38. f. 14.
2. *Doris testudinarius*. *Chiaje, Mem.* t. 38. f. 8.



3. *Doris pennigera*. *Mont. Linn. Trans.* t. 11. f. 5.
4. *Doris limbata*. *Chiaje, Mem.* t. 38. f. 24.
5. *Doris* ——. *Chiaje, Mem.* t. . f. .
6. *Doris* ——. *Chiaje?*

## TAB. 237.

1. *Hexabranchus prætextum*. *Ehrenb. Sym. Phys. Moll.* t. 1.

## TAB. 238.

1. *Firola de Desmarest*. *Voy. la Bonite*, t. 16. f. 1.
2. *Firola de Lesueur*. *Voy. la Bonite*, t. 16. f. 5.
3. *Firola de Keraudren*. *Voy. la Bonite*, t. 16. f. 8.

## TAB. 239.

1. *Carinariode placente*. *Voy. la Bonite*, t. 17. f. 1-15.
2. *Carinaria?* Mr. Adams's drawing. South Atlantic.
3. *Carinaroide caudine*. *Voy. la Bonite*, t. 17. f. 11.
4. *Carinaria de Gaudichaud*. *Voy. la Bonite*, t. 17. f. 19.

## TAB. 240.

1. *Atalante de Rang*. *Voy. la Bonite*, t. 18. f. 25.
2. *Atalante de Keraudren*. *Voy. la Bonite*, t. 18. f. 1, 2 & 7.
3. *Atalante de Lamanon*. *Voy. la Bonite*, t. 18. f. 30.
4. *Atalante de Rang*. *Voy. la Bonite*, t. 18. f. 18.
5. *Atalante bossue*. *Voy. la Bonite*, t. 21. f. 1.
6. *Atalante de Peron*. *Voy. la Bonite*, t. 19. f. 1, 6.

## TAB. 241.

1. *Atalante inclinée*. *Voy. la Bonite*, t. 19. f. 9.
2. *Atalante rose*. *Voy. la Bonite*, t. 19. f. 16.
3. *Atalante renflée*. *Voy. la Bonite*, t. 19. f. 21.
4. *Atalante de Gaudichaud*. *Voy. la Bonite*, t. 19. f. 29.
5. *Atalante de Lesueur*. *Voy. la Bonite*, t. 20. f. 1, 9.

## TAB. 242.

1. *Atalante de Quoy*. *Voy. la Bonite*, t. 20. f. 16.
2. *Atalante Helicinoide*. *Voy. la Bonite*, t. 20. f. 25.
- 2 a. *Atalante Helicinoide*. *Voy. la Bonite*, t. 20. f. 30.
3. *Atalante enroulée*. *Voy. la Bonite*, t. 21. f. 9.
4. *Atalante déprimée*. *Voy. la Bonite*, t. 20. f. 31.
5. *Atalante brune*. *Voy. la Bonite*, t. 21. f. 15.
6. *Atalante turriculée*. *Voy. la Bonite*, t. 21. f. 30.

## TAB. 243.

1. *Hyalée angulée*. *Voy. la Bonite*, t. 5. f. 1.
2. *Hyalée tridentée*. *Voy. la Bonite*, t. 4. f. 1.
3. *Hyalée globuleuse*. *Voy. la Bonite*, t. 4. f. 20.
4. *Hyalée longirostre*. *Voy. la Bonite*, t. 5. f. 7.

5. Hyalée tæniobranchie. *Peron & Lesueur, Ann. du Mus.* xv. 69. t. 2. f. 13.
6. Hyalée à crochet. *Voy. la Bonite*, t. 4. f. 8.
7. Hyalée à quatre dents. *Voy. la Bonite*, t. 4. f. 25.
8. Hyalée lisse. *Voy. la Bonite*, t. 5. f. 17.
9. Hyalée labiée. *Voy. la Bonite*, t. 5. f. 27.
10. Hyalée bossuée. *Voy. la Bonite*, t. 4. f. 13.
11. Hyalée fleschie. *Voy. la Bonite*, t. 5. f. 21.

## TAB. 244.

1. Hyalea tridentata. *Peron & Lesueur, Voy. Austral.* t. 31. f. 6.
2. Anomia tridentata. *Forskæel, Faun. Arab.* t. 40. f. B.
3. Hyalea tridentata. *Cuvier, Anat. Moll.* t. A. f. 2.
4. Hyalea tridentata. *Poli, Test. Sicil.* t. 44. f. 16.
5. Hyalea tridentata. *Cuvier, Anat. Moll.* t. A. f. 3.
6. Hyalea tridentata. *Poli, Test. Sicil.* iii. t. 46. f. 13.
7. Hyalea tridentata. *Poli, Test. Sicil.* t. 44. f. 12.
8. Hyalea tridentata. *Cuvier, Anat. Moll.* t. A. f. 1.
9. Hyalea tridentata. *Cantraine, Moll. Medit.* t. 1. f. 3.
10. Hyalea limbata. *D'Orb. Voy. Amer. Merid.* t. 6. f. 11.
11. Hyalea Forskalii. *D'Orb. Voy. Amer. Merid.* t. 5. f. 1.

## TAB. 245.

1. Hyalea ——. Dr. J. Hooker's drawings.
2. Hyalea ——. Dr. J. Hooker's drawings.
3. Hyalea ——. Dr. J. Hooker's drawings.
4. Hyalea tridentata. *Van Beneden; Cantraine, Acad. Roy. Brux.* xii. t. 3. f. 12.
- 4 a. Hyalea tridentata (anatomy). *Cantraine, l. c.* t. 3.
5. Cavolina. Dr. J. Hooker's drawings.
6. Cavolina. Dr. J. Hooker's drawings.

## TAB. 246.

1. Hyalée à trois points. *Voy. la Bonite*, t. 6. f. 1.
2. Cleodore cuspidée. *Voy. la Bonite*, t. 6. f. 11.
3. Cleodore plate. *Voy. la Bonite*, t. 6. f. 26.
4. Cleodore renflée. *Voy. la Bonite*, t. 7. f. 11.
5. Cleodore australe. *Voy. la Bonite*, t. 7. f. 20.
6. Cleodore de Chaptal. *Voy. la Bonite*, t. 7. f. 1.
7. Cleodore lanceolée. *Voy. la Bonite*, t. 6. f. 17.
8. Cleodore courbée. *Voy. la Bonite*, t. 7. f. 6.
9. Euribie de Gaudichaud. *Voy. la Bonite*, t. 14. f. 1, 2, 3.
10. Cleodore pyramidale. *Ann. du Mus. H.N.* xv. t. 8. f. 14.

## TAB. 247.

1. Hyalea cuspidata. *Cantraine, Moll. Medit.* t. 1. f. 8.
2. Cliodore cuspidée. *Quoy, Voy. Astrol.* t. 27. f. 1, 5.
3. Cliodore lanceolée. *Quoy, Voy. Astrol.* t. 27. f. 6, 13.

4. *Hyalea lanceolata*. *Lesueur, N. Bull. Sci. Phil.* iii. t. 5.
5. *Hyalea pyramidata*. *Cantraine, Moll. Medit.* t. 1. f. 7.
6. *Creseis striata*. *Cantraine, Moll. Medit.* t. 1. f. 10.
7. *Creseis* ——. *Cantraine, Moll. Medit.* t. . f. ?
8. *Cleodora balantium*. *Rang, Mag. Zool.* t. .
9. *Cleodora recurva*. *Cantraine, Moll. Medit.* t. . f. ?
10. *Cleodora quadrispinosa*. *Quoy, Voy. la Coquille*, t. 10. f. 2.

## TAB. 248.

1. *Clio cuspidata*? Dr. J. Hooker's drawing.
2. *Clio cuspidata*? Dr. J. Hooker's drawing.
3. *Clio pellucidus*. Dr. J. Hooker's drawing.
4. *Cavolina inflexa*. Dr. J. Hooker's drawing.
5. *Clio*? n. s. Dr. J. Hooker's drawing.
6. *Clio cuspidata*?? Dr. J. Hooker's drawing.
7. *Clio*? n. s. Dr. J. Hooker's drawing.

## TAB. 249.

1. *Creseis conica*. *Eschsch. Zool. Atlas*, t. 15. f. 3.
2. *Creseis unguis*. *Eschsch. Zool. Atlas*, t. 15. f. 4.
3. *Creseis compressa*. *Eschsch. Zool. Atlas*, t. 15. f. 7.
4. *Creseis Caligula*. *Eschsch. Zool. Atlas*, t. 15. f. 6.
5. *Creseis Acus*. *Eschsch. Zool. Atlas*, t. 15. f. 2.
6. *Creseis cornucopia*. *Eschsch. Zool. Atlas*, t. 15. f. 5.
7. *Pleuropus pellucidus*. *Eschsch. Zool. Atlas*, t. 15. f. 1.

## TAB. 250.

1. *Cuvieria*? Dr. J. Hooker's drawing.
2. *Cuvieria*? Dr. J. Hooker's drawing.
3. *Styliola recta*. Dr. J. Hooker's drawing.
4. *Styliola subula*. Dr. J. Hooker's drawing.
5. *Styliola recta*. Dr. J. Hooker's drawing.
6. *Styliola subula*? Dr. J. Hooker's drawing.
7. *Hyalea australis*. *D'Orb. Voy. Amer. Merid.* t. 8. f. 9.

## TAB. 251.

1. *Cresis recta*. *Ann. Sci. Nat.* xiii. t. 17. f. 2.
2. *Cresis recta*. *Ann. Sci. Nat.* xiii. t. 17. f. 6.
3. *Cresis recta*. ? *Cantraine, Moll. Merid.* t. . f. .
4. *Cresis recta*. *Ann. Sci. Nat.* xiii. t. 17. f. 5.
5. *Cresis recta*. *Ann. Sci. Nat.* xiii. t. 17. f. 4.
6. *Cresis subula*. *Ann. Sci. Nat.* xiii. t. 17. f. 3.
7. *Cresis recta*. ? *Cantraine, Moll. Medit.* t. . f. ?
8. *Clidora subula*? *Cantraine, Moll. Medit.* t. . f. ?
9. *Cleodora subula*. *Quoy, Voy. Astrol.* t. f. .
10. *Cleodore subula*? *Ann. Sci. Nat.* xiii. t. 18. f. 1.
11. *Cresis subula*.
12. *Cresis subula*.

## TAB. 252.

1. Cuvieria Columella. *D'Orb. Voy. Amer. Merid.* t. 8. f. 35.
2. Cuvieria Columella. *Ann. Sci. Nat.* xiii. t. 17. f. 4.
3. Hyalea (anatomy).
4. Tiedemannia neapolitana. *Van Beneden, Acad. Roy. Brux.*
5. Cymbulia Peronii. (*Van Beneden?*) *Acad. Roy. Bruxelles,* xii. t. .
6. Cymbulia Peronii. *Cuvier, Reg. Anim. Croch., Moll.* t. 16. f. 1.

## TAB. 253.

1. Cymbulia punctata. *Quoy, Voy. Astrol.* t. 27.
2. Cymbulia norfolkensis. *Quoy, Voy. Astrol.* t. 27. f. .
3. Clio pyramidale. *Quoy, Voy. Astrol.* t. 27. f. 37.
4. Cymbulia radiata. *Quoy, Voy. Astrol.* t. 27. f. 35, 36.
5. Cymbulia ovata. *Quoy, Voy. Astrol.* t. 27. f. 25, 29.
6. Cymbulia Peronii (animal in shell reversed). *Blainv. Malac.* t. 45\*. f. 3.
7. Cymbulia Peronii. *Cantraine, Moll. Medit.* t. 2. f. 1.

## TAB. 254.

1. Cymbulia Peronii. *Voy. la Bonite,* t. 15. f. 20.
2. Cymbulia proboscidea. *Peron, Ann. du Mus.* xv. 69. t. 3. f. 10, 11.
3. Cymbulia Peronii. *Rang, Man. Malac.* t. . f. .
4. Phylliroë bucephale. *Peron & Lesueur, Ann. du Mus. II. N.* xv. t. 2. f. 1, 2, 3.
5. Tiedemannia ——. *Wiegmann, Arch.* 1844, t. 9. f. a.

## TAB. 255.

1. Clio boreale. *Voy. la Bonite,* t. 15. f. 1, 3, 5.
2. Clio à longue queue. *Voy. la Bonite,* t. 14. f. 17-20.
3. Pneumoderme de Peron. *Voy. la Bonite,* t. 14. f. 7-13.
4. Pneumodermon cucullatum. *Peron & Lesueur, Ann. du Mus. II. N.* xv. t. 2. f. 4, 5, 6.

## TAB. 256.

1. Pneumodermon pellucida. *Quoy, Voy. Astrol.* t. 28. f. 25.
2. Pneumodermon ruber. *Quoy, Voy. Astrol.* t. 28. f. 21, 24.
3. Pneumodermon ruber. *Quoy, Voy. Astrol.* t. 28. f. 19.
4. Spongiobranchia australis. *D'Orb. Voy. Amer. Merid.* t. 9. f. 2.
- 5 & 4 d. Pneumoderma violacea. *D'Orb. Voy. Amer. Merid.* t. 11. f. .

## TAB. 257.

1. Pneumodermon Peronii. *M. Edwards in Cuvier, Reg. Anim. Crochard,* t. 17. f. 2; from life: cop. from *Quoy & Gaim. Voy. Astrol.*
2. Clio australe. *Blainville, Malac.* t. 45. f. 1, 1 a.

3. Atlas Peronii. *Blainville, Malac. t. 45. f. 6.*
4. Pneumoderme de Peron. *Blainville, Malac. t. 46\*. f. 4;*  
from *Cuvier, Anat. Moll.*; cop. *Cuvier, R. A. Crochard,*  
*Moll. t. 17. f. 1.*
5. Phylliroë bucephalus. *Blainville, Malac. t. 46\*. f. 5.*

## TAB. 258.

1. Clione borealis. *Pallas, Spicil. Zool. i. t. 1. f. 18, 19.*
2. Clione borealis. *Cuvier, Anat. Moll. t. 17. f. 1, 2.*
3. Clione pyramidale. *Quoy, Voy. Astrol.*
4. Clione borealis (from life). *Scoresby, Arctic Reg. ii. t. 16.*  
f. 10.
5. Clione arctica. *O. Fab. Danish Acad. t. . f. .*
6. Clione en fuseau. *Quoy, Ann. Sci. Nat. xiii. t. 2. f. 3, 4.*
7. Clione caducea. *Quoy, Ann. Sci. Nat. xiii. t. 2. f. 2.*
8. Pneumoderme? Dr. J. Hooker's drawing.
9. Spongiobranchia? Dr. J. Hooker's drawing.
10. Cymodocea diaphana. *D'Orbig. Voy. Amer. Merid. t. 9.*  
f. 17.
11. Spongiobranchia elongata. *D'Orb. Voy. Amer. Merid.*  
t. 9. f. 8.
12. Triptera rosea. *Quoy, Ann. Sci. Nat. xiii. t. 2. f. 5.*

## TAB. 259.

1. Clione helicina. *O. Fab. Danish Acad. t. . f. .*
2. Psyche globulosa. *Rang, Ann. Sci. Nat. v. t. 7.*
3. Limacina antarctica. Antarctic Ocean. Dr. J. Hooker's  
drawing.
4. Spiracella limacina. *Blainville, Malac. t. 48. f. 5;* from  
*Scoresby, Arctic Reg. t. . f. .*
5. Limacina antarctica. Antarctic Ocean. Dr. J. Hooker's  
drawing.
6. Limacina antarctica. Antarctic Ocean. Dr. J. Hooker's  
drawing.

## TAB. 260.

1. Spirale rostrale. *Voy. la Bonite, t. 13. f. 1, 2, 3.*
2. Spirale ventricose. *Voy. la Bonite, t. 13. f. 11.*
3. Spirale (anatomy). *Voy. la Bonite, t. 11. f. 13, 14.*
4. Spirale australe. *Voy. la Bonite, t. 13. f. 20, 24.*
5. Spirale bulimoide. *Voy. la Bonite, t. 13. f. 35, 36.*
6. Spirale trochiforme. *Voy. la Bonite, t. 13. f. 27, 30, 33.*

## TAB. 261.

1. Cypræa caurica. *Adams & Reeve, Zool. Samarang, t. 5. f. 5.*
2. Cypræa erosa. *Zool. Samarang, t. 5. f. 6.*
3. Ovulum dentatum. *Zool. Samarang, t. 6. f. 4.*
4. Ficula lævigata. *Zool. Samarang, t. 9. f. 4.*
5. Ficula reticulata. *Zool. Samarang, t. 9. f. 5.*

## TAB. 262.

1. *Voluta ancilla*. *Voy. Astrol. & Zélée*, t. 19. f. 6.

## TAB. 263.

1. *Voluta pacifica*. *Voy. Astrol. & Zélée*, t. 17. f. 7.

## TAB. 264.

1. *Voluta arenata*. *Voy. Astrol. & Zélée*, t. 19. f. 1-5.

## TAB. 265.

1. *Ranella vexillum*. *Voy. Astrol. & Zélée*, t. 25. f. 38.  
 2. *Triton cancellatum*. *Voy. Astrol. & Zélée*, t. 25. f. 36.  
 3. *Triton succinctum*. *Voy. Astrol. & Zélée*, t. 25. f. 34.  
 4. *Nerita lineata*. *Voy. Astrol. & Zélée*, t. 25. f. 23.

## TAB. 266.

1. *Pyrula galeodes*. *Voy. Astrol. & Zélée*, t. 22. f. 4.  
 2. *Pyrula cochlidium*. *Voy. Astrol. & Zélée*, t. 22. f. 37.  
 3. *Purpura madreporarum*. *Voy. Astrol. & Zélée*, t. 22. f. 36.  
 4. *Purpura echinata*. *Voy. Astrol. & Zélée*, t. 22. f. 23.

## TAB. 267.

1. *Cerithium Telescopium*. *Voy. Astrol. & Zélée*, t. 23. f. 1.  
 2. *Cerithium palustre*. *Voy. Astrol. & Zélée*, t. 23. f. 2.  
 3. *Cerithium obtusum*. *Voy. Astrol. & Zélée*, t. 23. f. 3.  
 4 & 5. *Cerithium Kienerii*. *Voy. Astrol. & Zélée*, t. 23. f. 4, 5.

## TAB. 268.

1. *Patella pellucida*. *Forbes, Brit. Moll. t. aa. f. 1.*  
 2. *Acmea testudinalis*. *Forbes, Brit. Moll. t. aa. f. 2.*  
 3. *Pilidium fulvum*. *Forbes, Brit. Moll. t. aa. f. 3.*  
 4. *Propilidium ancyloides*. *Forbes, Brit. Moll. t. aa. f. 4.*  
 5. *Chiton asellus*. *Forbes, Brit. Moll. t. aa. f. 5.*  
 6. *Chiton ruber*. *Forbes, Brit. Moll. t. aa. f. 6.*  
 7. *Doris* ——. *Leach, Malac. Brit. t. . f. .*  
 8. *Eolis* ——. *Leach, Malac. Brit. t. . f. .*  
 9. *Doris* ——. *Leach, Malac. Brit. t. . f. .*  
 10 & 11. *Doris*. *Leach, Malac. Brit. t. . f. .*  
 12. *Pileopsis hungarica*. Mr. J. Curtis's drawing. 1820. Torquay.  
 13. *Aplysia jun.* ——. *Leach, Malac. Brit. t.*

## TAB. 269.

1. *Bulla lineata*. Ceylon. Mr. R. Templeton's drawing.  
 2. *Pneumoderme capuchonne*. *Peron & Lesueur, Ann. du Mus.*  
 xv. t. 2. f. 7.  
 3. *Linguela* ——. *Blainv. Man. t. f. .*

4. *Doris candida*. *Act. Nat. Cur.* xx. t. 12. f. 20, 21.
5. *Fissurella aperta*. *Kraus, Moll. Cap.* t. 4. f. 11.

## TAB. 270.

1. *Dolabella*. Ceylon. Mr. R. Templeton's drawing.
2. *Dolabella*. Ceylon. Mr. R. Templeton's drawing.
3. *Aplysia*. Ceylon. Mr. R. Templeton's drawing.
4. *Aplysia*. Ceylon. Mr. R. Templeton's drawing.

## TAB. 271.

1. *Doris coccinea*. *Alder & Hancock, Brit. Nud.* t. 7. f. 2, 4.
2. *Doris sparsa*. *Alder & Hancock, Brit. Nud.* t. 14. f. 3, 5.

## TAB. 272.

1. *Eolis glauca*. *Alder & Hancock, Brit. Moll.* t. 11. f. 1.
2. *Eolis nana*. *Alder & Hancock, Brit. Moll.* t. 25. f. 2.
3. *Hermæa dendritica*. *Alder & Hancock, Brit. Nud.* t. 40. f. 1, 3.  
a. young.

## TAB. 273.

1. *Eolis Drummondii*. *Alder & Hancock, B. N.* t. 13. f. 1.
2. *Eolis rufibranchialis*. *Alder & Hancock, B. N.* t. 14. f. 1.
3. *Eolis Lansburgii*. *Alder & Hancock, B. N.* t. 20. f. 1.

## TAB. 274.

1. *Triopa claviger*. *Alder & Hancock, B. N.* t. 20. f. 2.
2. *Ægires punctilucens*. *Alder & Hancock, B. N.* t. 21. f. 2.
3. *Polycera Lessonii*. *Alder & Hancock, B. N.* t. 24. f. 2.

## TAB. 275.

1. *Siphonaria* ——. *Savigny, Moll. Egypt.* t. 3. f. 3.
2. *Siphonaria picta*. *D'Orb. Voy. Amer. Merid.* t. 56. f. 7, 8, 9.
3. *Siphonaria Lessonii*. *D'Orb. Voy. Amer. Merid.* t. 56.  
f. 12, 14.

## TAB. 276.

1. *Vaginula* ——. *Ferussac, Moll.* t. 8 E. f. 4.
2. *Vaginulus Krausii*. *Ferussac, Moll.* t. 8 D. f. 7-9.
3. *Limax* (Meghimata). *Ferussac, Moll.* t. 8 E. f. 2, 3.
4. *Limax marginatus*. *Ferussac, Moll.* t. 8 D. f. 3.
5. *Limax*? (Vaginulus). *Ferussac, Moll.* t. 8 E. f. 5.
6. *Limax* (Meghimata). *Ferussac, Moll.* t. 8 E. f. 1.
7. *Limax sylvaticus*. *Ferussac, Moll.* t. 8 D. f. 4.
8. *Limax Sowerbii*. *Ferussac, Moll.* t. 8 D. f. 6.
9. *Limax antiquorum*. *Ferussac, Moll.* t. 8 D. f. 2.
10. *Arion subfuscus*. *Ferussac, Moll.* t. 8 D. f. 1.

## TAB. 277.

1. *Vaginule* ——. *Ferussac, Moll.* t. 8. f. 1.



2. *Vaginulus Taunaisii*. *Ferussac, Moll. t. 8. f. 2.*
3. *Vaginule de Touranne*. *Eydoux, Voy. la Bonite, t. 28. f. 4, 7.*
4. *Vaginule* ———.
5. *Vaginule de Luçon*. *Eydoux, Voy. la Bonite, t. 28. f. 1, 2, 3.*
6. *Vaginulus lævigatus*. *Ferussac, Moll. t. 8 B.*

## TAB. 278.

1. *Vaginulus limyanus*. *Lesson, Voy. Coq. t. 14. f. 1.*
2. *Vaginula Solea*. *D'Orb. Voy. Amer. Merid. t. 21. f. 3, 4.*
3. *Vaginulus Taunaisii*. *Ferussac, Hist. t. 8. f. 7.*
4. *Vaginulus Langsdorfi*. *Ferussac, Moll. t. 8 B. f. 3, 4.*
5. *Vaginulus* ———. *Ferussac, Moll. t. 8. f. 8.*

## TAB. 279.

- 1—6. *Vaginulus*. *Ferussac, Moll. t. 82. f. 6—11.*

## TAB. 280.

1. *Geomalacus maculatus*. *Mr. E. Gray's MSS.*
2. *Limax hortensis*. *Ferussac, Moll. t. 2. f. 4, 5.*
3. *Limax antiquorum*. *Ferussac, Moll. t. 4. f. 7.*
4. *Limax gagates*. *Ferussac, Moll. t. 6. f. 1, 2.*
5. *Limax antiquorum*. *Mr. E. Gray's MSS. Sandgate, 1844.*
6. *Limax alpinus*. *Ferussac, Moll. t. 4. f. 5, 6.*
7. *Limax Valentianus*. *Ferussac, Moll. t. f. .*
8. *Arion hortensis*. *Ferussac, Moll. t. 8. f. 2, 3.*

## TAB. 281.

1. *Arion empericorum*. *Ferussac, Moll. t. 8 B. f. 1.*
2. *Arion empericorum*. *Ferussac, Moll. t. 1. f. 1.*
3. *Arion empericorum*. *Ferussac, Moll. t. 2. f. 3.*

## TAB. 282.

1. *Parmacella Olivieri*. *Eichwald, Fauna Casp. Cauc. t. .*
2. *Parmacella Valencienni*. *Webb. & Berth. Mag. Zool. t. . a. & b. shell.*
3. *Parmacella palliolum*. *Ferussac, Moll. t. 7. f. 1, 3. a. & d. shell.*
4. *Veronicellus lævis*. *Ferussac, Moll. t. 7. f. 6, 7; from Sloane, Hist. Jam.*
5. *Parmacella Olivieri*. *Cuvier, Anat. Moll. t. f. .*
6. *Veronicellus Sloanii*. *Ferussac, Moll. t. 7. f. 8, 9.*

## TAB. 283.

1. *Testacella halioidea*. *Cuvier, Anat. Moll. t. .*
2. *Testacellus haliotideus*. *Ferussac, Moll. t. 8. f. 7, 8.*
3. *Testacellus haliotideus*. *Ferussac, Moll. t. 8. f. 8, 9.*
4. *Testacellus Maugei*. *Ferussac, Moll. t. 8. f. 10.*

5. Testacellus ambiguus. *Ferussac, Moll. t. 8. f. 4.*
6. Testacellus haliotideus. *Mr. E. Gray's MSS.*
7. Testacellus haliotideus. *Turton, Brit. Moll. p. 124.*

## TAB. 284.

1. Cryptella canariensis. *D'Orb. Canar. t. .*
- 2, 3. Limax carinata. *D'Orb. Canar. t. 3. f. .*
4. Limax antiquorum. *Ferussac, Moll. t. f. .*; cop. *Cuv. R. A. Croch. t. 19. f. 1.*
5. Limax (Arion) rufus. *Desh. in Cuvier, R. A. Croch. t. 19. f. 1.*
6. Limax carinatus. *Turton, Brit. Shells, p. .*

## TAB. 285.

1. Plectrophorus corvinus. *Ferussac, Moll. t. 6. f. 5, from Bosc.*
2. Plectrophorus costatus. *Ferussac, Moll. t. 6. f. 6.*
3. Plectrophorus D'Orbignii. *Ferussac, Moll. t. 6. f. 7.*
4. Limax carolinensis. *Ferussac, Moll. t. 6. f. 3.*
5. Limax megaspidus. *Ferussac, Moll. t. 6. f. 3, 4.*
6. Limax noctilucus. *Ferussac, Moll. t. 2. f. 8.*
7. Limax agrestis. *Ferussac, Moll. t. 5. f. 7.*
8. Limax (Arion) fuscatus. *Ferussac, Moll. t. 2. f. 7.*
9. Limax bilobatus. *Ferussac, Moll. t. 5.*
10. Limacellus lacteus. *Blainv.; Ferussac, Moll. t. 7. f. 1.*
11. Limax (Arion) empiricorum. *Ferussac, Moll. t. 2. f. 1, 2.*
12. Limax variegatus. *Ferussac, Moll. t. 6. f. 1, 3.*

## TAB. 286.

1. Helicolimax. *Ferussac, Moll. t. 8 F. f. 1, 3.*
2. Helicolimax. *Ferussac, Moll. t. 8 F. f. 4, 5.*
3. Helicolimax. *Ferussac, Moll. t. 8 F. f. 10, 11.*
4. Helicolimax. *Ferussac, Moll. t. 8 F. f. 13, 14.*
5. Helicolimax. *Ferussac, Moll. t. 8 F. f. 23, 26.*
6. Helicolimax. *Ferussac, Moll. t. 8 F. f. 9.*
7. Helicolimax fasciolata. *Ferussac, Moll. t. 9 B. f. 1.*
8. Helix decollata. *Ferussac, Moll. t. 140. f. 1.*
9. Helix chrysalis. *Ferussac, Moll. t. 153.*

## TAB. 287.

1. Helicarion Cuvieri. *Ferussac, Moll. t. 9 A. f. 1, 2.*
2. Helicarion Freycineti. *Ferussac, Moll. t. 9 A. f. 3, 4.*
3. Helicophanta rufa. *Hartmann, E. & S. Gast. t. 3. f. 6, 7.*
4. Helicophanta brevipes. *Hartmann, E. & S. Gast. t. 4. f. 4, 7.*
5. Vitrina pellucida. *Fleming, Phil. Zool. t. . f. .*
6. Vitrina pellucida. *Sturm, D. Fauna, t. 9. f. a, b.*
7. Succinea amphibia. *Swains. Malac. p. 328. f. 96.*
8. Succinea putris. *Sturm, D. Fauna, t. 10. f. a, c.*
9. Helix ammoniformis. *D'Orb. Voy. Amer. Merid. t. 26. f. 10.*

10. Succinea putris. *Ann. Sci. Nat.* xxiv. t. 9.
11. Arion ascensionis. *Lesson, Voy. Coq.* t. 16. f. 4.
12. Helisigna Santa Helena. *Lesson, Zool. Coq.* t. .
13. Vitrina pellucida. *Sturm, F. D.* t. 1. f. 9.

## TAB. 288.

1. Limace sandwichienne. *Eydoux, Voy. Bonite*, t. 28. f. 8.
2. Vitrine fasciée. *Eydoux, Voy. Bonite*, t. 28. f. 12.
3. Vitrine couverte. *Eydoux, Voy. Bonite*, t. 28. f. 15.
4. Stenopus cruentatus. *Guild. Zool. Journ.*
5. Stenopus cruentatus. *Guild. Zool. Journ.* t. 15. f. 1, 5.
- 6, 7. Ariophanta lævipès. *Des Moulins, Bull. Nat. Hist. Bord.*  
1829.
8. Helicolimax brevis. *Ferussac, Moll.* t. 9. f. 2.
9. Helicolimax elongata. *Ferussac, Moll.* t. 9. f. 1.
10. Helicophanta brevipes. *Ferussac, Moll.* t. 10. f. 1.
11. Helicolimax pellucida. *Ferussac, Moll.* t. 9. f. 6.
12. Helicolimax vitrea. *Ferussac, Moll.* t. 9. f. 4.
13. Helix naticoides. *Ferussac, Moll.* t. 11. f. 20, 21.

## TAB. 289.

1. Helix contusa. *Ferussac, Moll.* t. 39. f. 5, 6.
2. Helix ———.
3. Helice déviée. *Eydoux, Voy. la Bonite*, t. 28. f. 30.
4. Helice égarée. *Eydoux, Voy. la Bonite*, t. 28. f. 32.
5. Helicelle ———. *Ferussac, Moll.* t. 75. f. 4.
6. Helix melanostoma. *Drap.; Ferussac, Moll.* t. 39. f. 1.
7. Helicelle ———. *Ferussac, Moll.* t. 75. f. 1.
8. Helix nemoralis. *Ferussac, Moll.* t. 39. f. 4.
9. Helix Algira. *Ferussac, Moll.* t. 81. f. 1.

## TAB. 290.

1. Helix ———. *Chiaje*, iii. t. 54. f. 27.
2. Helix lucida. *Sturm, D. F.* t. 11.
3. Helix ———. *Chiaje*, iii. t. 53. f. 3.
4. Helix arbustorum. *Rossmaster*, f. 78.
5. Helix ———. *Chiaje*, iii. t. 54. f. 29.
6. Helix ———. *Chiaje*, iii. t. 54. f. 20.
7. Helix ———. *Zool. Journ.*
8. Helix Arianta arbustorum. *Hartmann*, t. 15. f. 1.
9. Helicina variabilis. *Cuvier, R. A. Crock.* t. 40. f. 3.
10. Tachea hortensis. *Hartmann*, t. 9. f. 1.
11. Helix hortensis. *Sturm, D. F.*
12. Drapanostoma multiformis. *Porro, Mag. de Zool.*
13. Helix ———. *Hartmann, Ann.* t. 43. f. 1.
14. Helix ———. *Chiaje*, iii. t. 54. f. 25.
15. Trigonostoma obvoluta. *Hartmann*, t. 6. f. 5.
16. Helix ———. *Chiaje*, iii. t. 54. f. 17.

## TAB. 291.

1. *Helix major*. *Binney, Boston Journ.* i. t. 12.
2. *Helix* ——. *Binney, Boston Journ.* i. t. 13.
3. *Helix tridentata*. *Say, Boston Journ.* 1840, t. 16, 17. f. 1.
4. *Helix gularis*. *Boston Journ.* 1840, t. 11. f. 3.
5. *Helix pennsylvanica*. *Boston Journ.* i. t. 16.
6. *Helix subglobosa*. *Boston Journ.* i. t. 17.
7. *Helix Thyroidus*. *Boston Journ.* i. t. 18.
8. *Helix elevata*. *Boston Journ.* i. t. 19.
9. *Helix zclata*. *Boston Journ.* i. t. 20.
10. *Helix* ——.
11. *Helix dentifera*. *Boston Journ.* i. t. 21.
12. *Helix* ——.

## TAB. 292.

1. *Helix* ——.
2. *Helix exclusa*. *Voy. Astrol.* t. 10. f. 22.
3. *Helix nemoralis*. *Rossm.* t. . f. .
4. *Helix pulchella*. *Müll. Boston Journ.* 1840, iii. t. 9. f. 2.
5. *Trichia clandestina*. *Hartmann,* t. 38. f. 4.
6. *Delomphalus saxatilis*. *Hartmann,* t. 37. f. 5.
7. *Helix acuta*. *Voy. Astrol.* t. 8. f. 1, 2.
8. *Helix oresigena*. *D'Orbig.* t. 25. f. 1.
9. *Helix solarium*. *Voy. Astrol.* t. .
10. *Carocolla* ——. *Swainson, Zool. Ill.*

## TAB. 293.

1. *Cyclostoma elegans*. *Mr. E. Gray's MSS.*
2. *Helix?* ——. *Lamarck's Man.*
3. *Helix hirsuta*. *Boston Journ.* 1840, iii. t. 10. f. 3.
4. *Helix pulchella*. *Müller, Boston Journ.* 1840, iii. t. 9. f. 2.
5. *Helix fraterna*. *Say, Boston Journ.* 1840, iii. t. 10. f. 2.
6. *Helix roseo-tincta*. *Ann. Nat. Hist.* ii. t. 11. f. 3.
7. *Helix inflecta*. *Say, Boston Journ.* 1840–41, iii. t. 9. f. 1.
8. *Helix palliata*. *Boston Journ.* 1840–41, iii. t. 7.
9. *Helix Constantina*. *Ann. Nat. Hist.* ii. t. 11. f. 1.
10. *Helix Sayii*. *Binney, Bost. Journ.* 1840, iii. t. 16. f. 1.
11. *Helix profunda*. *Boston Journ.* 1840, iii. t. 15. f. 1.
12. *Helix monodon*. *Racket, Boston Journ.* 1840–41, iii. t. 10. f. 1.

## TAB. 294.

1. *Helix fruticum*. *Rossm.* t. 2. f. 141.
2. *Helix nemoralis*. *Rossm.* t. 2. f. 137.
3. *Helix nemoralis*. *Lister,* t. 57. f. 54.
4. *Helix ericetorum*. *Sturm,* t. 24.
5. *Helix naticoides*. *Rossm.* t. 2. f. 136.
6. *Helix vermiculata*. *Rossm.* t. 2. f. 143.
7. *Helix nitida*. *Drap.; Sturm,* t. 13.
8. *Helix incarnata*. *Sturm,* t. 19.

9. *Helix angulata*. *Studer; Rossm.* t. 2. f. 135.
10. *Helix nitida*. *Drap.; Sturm*, t. 12.
11. *Helix fruticum*. *Sturm*, t. 25.
12. *Helix austriaca*. *Rossm.* t. 2. f. 139.
13. *Helix arbustorum*. *Sturm*, t. 23.
14. *Helix nemoralis*. *Sturm*, t. 24.

## TAB. 295.

1. *Helicogona Pomatia*. *Hartm.* t. 29. f. 1, 2.
2. *Helix* ——. *Chiaje*, iii. t. 54. f. 3.
3. *Helix* ——. *Chiaje*, iii. t. 54. f. 12.
4. *Helix Pomacea*.
5. *Helix* ——. *Chiaje*, iii. t. 54. f. 1.
6. *Helix* ——. *Chiaje*, iii. t. 54. f. 22, 23.
7. *Helix* ——. *Chiaje*, iii. t. 54. f. 5.
8. *Helix bicarinata*. *Lowe, Zool. Journ.*
9. *Helix* ——. *Lowe, Zool. Journ.*

## TAB. 296.

1. *Helicelle* ——. *Ferussac, Nat. Hist. Moll.* t. 75 B. f. 15.
2. *Helix niciensis*. *Risso; Fer. Nat. Hist. Moll.* t. 39. f. 1 a.
3. *Helix arbustorum*, var. *alpicola*. *Fer. Nat. Hist. Moll.* t. 39 B. f. 4.
4. *Helix rotundata*. *Sturm, Deut. Faun.* t. 14.
5. *Helix pulchella*. *Sturm, D. F.* t. 15.
6. *Helix strigella*. *Sturm, D. F.* t. 18.
7. *Helix cornea*. *Sturm, D. F.* t. 20.
8. *Helix pomatia*. *Rossm.* f. 79.
9. *Helix obvolvata*. *Sturm, D. F.* t. 17.
10. *Helix cellaria*. *Rossm.* f. 76.
11. *Helix lapicida*. *Sturm, D. F.* t. 26.
12. *Helix villosa*. *Sturm, D. F.* t. 16.
13. *Helix aspersa*. *Rossm.* f. 75.

## TAB. 297.

1. *Helix Gualteriana*. *Fer. Nat. Hist. Moll.* t. 62. f. 1.
2. *Helix Lamarckii*. *Fer. Nat. Hist. Moll.* t. 58. f. 2.

## TAB. 298.

1. *Helix splendida*, *Drap.* *Fer. Nat. Hist. Moll.* t. 39. f. 7.
2. *Helix hortensis*, *Müller.* *Fer. Nat. Hist. Moll.* t. 39 B. f. 2.
3. *Helix arbustorum*, *Müll.* *Fer. Nat. Hist. Moll.* t. 39 B. f. 3.
4. *Helix vermiculata*. *Fer. Nat. Hist. Moll.* t. 39. f. 5, 6.
5. *Helix Alonensis*. *Fer. Nat. Hist. Moll.* t. 39 B. f. 8.
6. *Helix lactea*. *Fer. Nat. Hist. Moll.* t. 39. f. 7.
7. *Helix candidissima*, *Drap.* *Fer. Nat. Hist. Moll.* t. 39 A. f. 2.
8. *Helix pellis-serpentis*. *Fer. Nat. Hist. Moll.* t. 75. f. 6.

## TAB. 299.

1. Bull. hæmastoma. *Lister, Journ. to Paris, t. 3.*

## TAB. 300.

1. Helix perversa. *Sturm, D. F. t. 30.*
2. Macrospira aperta. *Swain. Moll. 333. t. 97. f. e.*
3. Clausilia bidens, *Drap. Rossm. Eur. Moll.*
4. Bulimus lubricus, *Drap. Sturm, D. F. 27.*
5. Clausilia ——. *Müll. Zool. Dan. t. 102. f. 2.*
6. Ena montana. *Hartm. t. 20. f. 5.*
7. Clausilia bidens. *Sturm, t. 31.*
8. Clausilia similis. *Rossm.*
9. Siphonostoma costata. *Swain. Moll. 333. t. 97. f. e, d.*
10. Bulimus montanus, *Drap. Sturm, D. F. t. 26.*
11. Bulimus radiatus, *Drap. Sturm, D. F. t. 28.*
12. Siphonostoma ——. *Guild. Swain. Moll. 168.*
13. Bulimus ——. *Swain. Moll. 333. f. 97 a.*
14. Bulimus ——. *Moricaud, Mém. H. N. Genèr. t. 2. f. 11.*
15. Bulimus hæmastoma. *Lesson, Cent. Zool. t. .*

## TAB. 301.

1. Helix Poireti. *Fer. Nat. Hist. Moll. t. 136. f. 1, 2, 3.*
2. Ambrette fragile. *Eydoux, Voy. la Bonite, t. 28. f. 18.*
3. Amphipeplea involuta. *Beauf. MSS.*
4. Helix undata. *Fer. Nat. Hist. Moll. t. 115. f. 4.*
5. Glandina truncata. *Wyman's Boston Journ. N. H.*
6. Helix undata. *Fer. Nat. Hist. Moll. t. 115. f. 5.*

## TAB. 302.

1. Helix Columna. *Ann. Sci. Nat. xxiv. t. 1.*
2. Helix alabaster. *Ann. Sci. Nat. xxiv. t. 1.*
3. Helix Pantagruelina. *Moricaud, Mém. H. N. Genèr. t. 3. f. 5.*
4. Helix candida. *Moricaud, l. c. t. .*
5. Helix heterotricha. *Mori. Mém. H. N. Genèr. t. 3. f. 6.*
6. Helix Maximiliana. *Mori. Mém. H. N. Genèr. t. 3. f. 4.*
7. Helix Spixii. *D'Orb. Voy. Amer. Merid. t. 41. f. 11.*
8. Helix haunensis. *Ann. Sci. Nat. xxiv. f. 5.*
9. Helix striatella. *Ann. Sci. Nat. xxiv. f. 3.*

## TAB. 303.

1. Clausilia cochinchinoise. *Voy. la Bonite, t. 29. f. 16.*
2. Bulimus ombilique. *Eydoux, Voy. la Bonite, t. 29. f. 12.*
3. Hélice turrilulée. *Fer. Voy. la Bonite, t. 29. f. 7.*
4. Hélice peau de renard. *Voy. la Bonite, t. 29. f. 3.*
5. Hélice décorée. *Voy. la Bonite, t. 29. f. 5.*
6. Partule de Dumartroy. *Voy. la Bonite, t. 29. f. 9.*
7. Cyclostome tacheté. *Voy. la Bonite, t. 30. f. 38.*
8. Hélice de Touranne. *Voy. la Bonite, t. 29. f. 1.*



9. Cyclostome angulifère. *Voy. la Bonite*, t. 30. f. 1.
10. Hélice sandwichienne. *Voy. la Bonite*, t. 30. f. 6.
11. Cyclostome trochiforme. *Voy. la Bonite*, t. 30. f. 18.

## TAB. 304.

1. Auricule brune. *Voy. la Bonite*, t. 24, 25, 26.
2. Auricule sandwichienne. *Voy. la Bonite*, t. 29. f. 29, 30.
3. Auricule de chat, *Lam.* *Voy. la Bonite*, t. 29. f. 21, 22, 23.
4. Auricule de Judas. *Voy. la Bonite*, t. 29. f. 19, 20.
5. Lymnée de Oahou. *Voy. la Bonite*, t. 29. f. 38, 40.
6. Lymnée voisine. *Voy. la Bonite*, t. 29. f. 42.
7. Lymnée de Luçon. *Voy. la Bonite*, t. 29. f. 33, 34, 35.

## TAB. 305.

1. Auricula denticulata. *Lowe, Zool. Journ.* 1830, t. .
2. Conovulus ——. *Mr. E. Gray, MSS.* 2 a, b.
3. Melampus æqualis. *Lowe, Zool. Journ.* 1830, t. . f. .
4. Pedapes afra. *Lowe, Zool. Journ.* 1830, t. . f. .
5. Pedipes ——. *Adanson, Senegal*, t. .

## TAB. 306.

1. Dombeia fluctuosa. *D'Orb.* t. 43. f. 15, 18.
2. Dombeia puelcha. *D'Orb.* t. 43. f. 8, 11.
3. Scarabus Lessonii. *Isis*, 1833, t. 10. f. 4.
4. Voluta Dargelasii. *Chiaje*, t. 49. f. 8.
5. Auricula lutea. *Voy. Astrol.* t. 13. f. 25.
6. Auricula ——.
7. Bulin ——. *Adans. Voy. Senegal*, t. 1.
8. Auricula australis. *Quoy, Voy. Astrol.* t. 13. f. .
9. Auricula australis. *Quoy, Voy. Astrol.* t. 13. f. .
10. Auricula monile. *Quoy, Voy. Astrol.* t. 13. f. .
11. Auricula monile, var. *Quoy, Voy. Astrol.* t. 13. f. .
12. Auricula midæ. *Quoy, Voy. Astrol.* t. 14. f. 1.

## TAB. 307.

1. Lymnea auricularia. *Sturm*, t. . f. .
2. Lymnea Lessonii. *Lesson, Cent. Zool.* t. 44.
3. Diastropa ——. *Guilding, in Swains. Moll.* p. 338.
4. Physa fontinalis. *Sturm*, t. f. .
5. Physa fontinalis. *Müll. Naturfors.* t. 8.
6. Physa hypnorum. *Sturm*, t. 33.
- 6\*. Ancyclus radiatus. *Guilding, in Zool. Journ.* t. 26. f. 7.
7. Ancyclus lacustris. *Sturm, D. F.* t. 47.
8. Ancyclus gayanus. *Ancyclus radiatus.* *D'Orb. Voy. Amer. Merid.* t. 42. f. 13, 16.

## TAB. 308.

1. Lymnea palustris. *Lister*, t. 124.
2. Lymnea ovata. *Cur. Ann. Moll.*



3. Lymnée des marais. *Cuv. Ann. Moll.* f. 4.
4. Lymnea ——. *Chiaje*, t. 53. f. 31.
5. Lymnea stagnalis. *Cuv. Ann. Moll.* f. 2.
6. Limneus pereger. *Hartmann*, t. 21. f. 1.
7. Lymnea pereger. *Sturm*, t. 36.
8. Stagnicola vulgaris. *Hartmann*, t. 8. f. 7.
9. Buccinum stagnale. *Sturm*, t. 35.
10. Lymnea ——. *Chiaje*, iii. t. 53. f. 30.
11. Lymnea ——.
12. Lymnea stagnalis. *Desh. Cuv. R. A.* t. 26.
13. Lymnea stagnalis. *Rossm.* 83, 85.

## TAB. 309.

1. Planorbis vortex. *Sturm*, t. 43.
2. Planorbis cornea. *Cuv. Ann. Moll.* t. .
3. Planorbis spirorbis. *Sturm*, t. 44.
4. Coret. *Adans. Voy. Sen.* t. .
5. Planorbis carinatus. *Sturm, D. Fauna*, t. .
6. Planorbis contortus. *Sturm, D. F.* t. .
7. Planorbis hispidus. *Sturm, D. F.* t. .
8. Hippeutis lenticularis. *Hartmann*, t. 13. f. 1.
9. Planorbis corneus. *List.* t. 137. f. 41.
10. Planorbis dubius. *Hartmann*, t. 32. f. 3.
11. Planorbis corneus. *Desh. Cuv. R. A. Croch.* t. 26. f. 4.
12. Planorbis corneus. *Swains. Moll.* 187. f. 30.
13. Planorbis corneus. *Rossm. Icon.* t. .
14. Planorbis corneus. *Sturm*, t. .

## TAB. 310.

1. Planorbis bicarinatus. *Hald. Moll. F. W.* t. 1. f. 1, 2.
2. Planorbis armigerus. *Say; Hald. Moll. F. W.* t. 4. f. 12.
3. Planorbis ——. *Poli*, t. 52. f. 10.
4. Pupa Dolium. *Drap.; Sturm*, t. 29.
5. Ancyclus rivularis. *Say; Hald. Moll. F. W.*
6. Lymnea fragilis. *Hartmann, F. W. Moll.* t. 6. f. 2, 5, 8.
7. Lerunca catascopum. *Hartmann, F. W. Moll.* t. 1. f. 1.
8. Lymnea caperata. *Hartmann, F. W. Moll.* t. 11. f. 7.
9. Physa Heterostropha. *Hald. Moll. F. W.* t. 1. f. 1, 2.
10. Paludina decisa. *Hald. Mon. Lym.* t. 1. f. 1.
11. Ampullacere fragilis. *Voy. Astrol.* t. 15. f. 14.
12. Ampullacere avellana. *Voy. Astrol.* t. 15. f. 3, 5.
13. Ampullacere fragilis. *Voy. Astrol.* t. 15. f. 11, 12.

## TAB. 311.

1. Helicina teniata. *Voy. Astrol.* t. 12. f. 6.
2. Helicine zephyrine. *Duclos, Mag. Zool.* 1833.
3. Helicine flammée. *Voy. Astrol.* t. 12. f. 1.
4. Helicina occidentalis. *Guilting, Z. J.*
5. Cyclostoma ——. *Chiaje*, t. 53. f. 25.

6. *Helicina oresigena*. *D'Orbigny*, t. 46. f. 14, 15.
7. *Helicina* ——. *Guilding*, Z. J.
8. *Cyclostome multilabre*. *Voy. Astrol.* t. 12. f. 20.
9. *Cyclostoma* ——. *Chiaje*, t. 52. f. 37.
10. *Cyclostoma fimbriata*. *Voy. Astrol.* t. 12. f. .
11. *Cyclostoma rubens*. *Voy. Astrol.* t. 12. f. 36.
12. *Cyclostoma erosa*. *Voy. Astrol.* t. 12. f. .
13. *Cyclostoma novæ hiberniæ*. *Voy. Astrol.* t. 12. f. 15.
14. *Cyclostoma* ——. *Chiaje*, t. 52. f. 34.
15. *Megalomastoma brunea*. *Swains. Moll.* 333. t. 97. f. g, i.
- 16, 17. *Cyclostoma elegans*. *Mr. E. Gray, MSS.*
18. *Cyclostoma inca*. *D'Orbigny, V. A. M.* t. 46. f. 21, 24.
19. *Cyclostoma maculatum*. *Sturm, D. F.* t. .

## TAB. 312.

1. *Phyllidia pustulosa*. *Cuvier, Anat. Moll.* t. 1. f. 8.
2. *Phyllidia albonigra*. *Quoy, Voy. Astrol.* t. 21. f. 27.
3. *Phyllidia trilineata*. *Cuv. Rumph.* t. 1. f. 16.
4. *Phyllidia trilineata*. *Blainville, Malac.* t. 47. f. 1.
5. *Phyllidia pustulosa*. *Rüppell, Atlas*, t. 11. f. 1.
6. *Phyllidia trilineata*. *Cuvier, Anat. Moll.* t. 1. f. 1, 4.
7. *Phyllidia trilineata*. *Cuvier, R. A. Coch.* t. 10. f. 1.
8. *Phyllidia ocellata*. *Cuvier, Anat. Moll.* t. 1. f. 7.



## SYSTEMATIC ARRANGEMENT OF THE FIGURES.

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THE genera are chiefly arranged according to the "List of the Genera of Recent Mollusca, their synonyma and types," printed in the Proceedings of the Zoological Society for 1847, a copy of which accompanies this volume. The number after the generic name refers to the number in the List, which shows the date of the generic name and its synonyma. When any new synonyma have occurred to me since the printing of that List, I have added the name after that of the genus.

Some alteration has been made in the disposition of the families. The observations of Messrs. Cuvier and Quoy, strengthened by the anatomical researches into the nervous system of these Mollusca by M. Gervais, and the researches into the structure and disposition of the siliceous teeth on the tongue-membranes of Dr. Loven, have shown that the *Trochidæ*, *Turbinidæ* and *Haliotidæ* must be removed from the other Phytophagous Ctenobranchiata, and that the *Patellæ* and allied families, and probably the *Chitones*, should be arranged with them.

The admirable researches of Dr. Loven on the metamorphosis of Mollusca and the structure of the tongue of these animals, has shown the necessity of several new families being established; for though the character furnished by the teeth on the tongue is difficult to observe, especially in the smaller animals, yet the modifications which they assume must be characteristic of important differences in the habit and organization of the animal.

The name of the author from whom the figure of the animal has been copied, precedes the reference to the plate in this work where the species is figured.

### Class I. GASTEROPODA.

#### Subclass I. CTENOBRANCHIATA.

#### Order I. PECTINIBRANCHIATA.

#### Suborder I. ZOOPHAGA.

- |                    |                  |
|--------------------|------------------|
| Fam. 1. Strombidæ. | Fam. 6. Comidæ.  |
| 2. Aporrhaidæ.     | 7. Volutidæ.     |
| 3. Muricidæ.       | 8. Cypræadæ.     |
| 4. Buccinidæ.      | 9. Lamellariadæ. |
| 5. Trichotropidæ.  |                  |

## Suborder II. PHYTOPHAGA.

- |                                 |                                |
|---------------------------------|--------------------------------|
| Sect. 1. <i>Podophthalma</i> .  | Fam. 19. Calyptradae.          |
| Fam. 10. Ampullariadae.         | 20. Phoridae.                  |
| Sect. 2. <i>Edriophthalma</i> . | 21. Vanicoridae.               |
| A. 11. Paludinidae.             | E. 22. Valvatidae.             |
| B. 12. Littorinidae.            | F. 23. Scalaridae.             |
| 13. Architectomidae.            | Sect. 3. <i>Iniophthalma</i> . |
| 14. Melaniadae.                 | A. 24. Caeidae.                |
| 15. Naticidae.                  | 25. Truncatellidae.            |
| 16. Velutinidae.                | 26. Pyramidellidae.            |
| C. 17. Vermetidae.              | 27. Acteonidae.                |
| D. 18. Capulidae.               | B. 28. Rissoellidae.           |

## Order II. SCUTIBRANCHIATA.

- |                                |                                 |
|--------------------------------|---------------------------------|
| Sect. 1. <i>Podophthalma</i> . | Sect. 2. <i>Edriophthalma</i> . |
| Fam. A. 1. Turbinidae.         | Fam. A. 7. Fissurellidae.       |
| 2. Liotiadae.                  | 8. Dentaliadae.                 |
| 3. Trochidae.                  | B. 9. Tecturidae.               |
| 4. Stomatellidae.              | 10. Lepetidae.                  |
| 5. Haliotidae.                 | 11. Gadiniadae.                 |
| B. 6. Neritidae.               | C. 12. Patellidae.              |
|                                | 13. Chitonidae.                 |

## Subclass II. HETEROBRANCHIATA.

## Order III. PLEUROBRANCHIATA.

- |                        |                           |
|------------------------|---------------------------|
| Fam. A. 1. Philinidae. | Fam. C. 6. Lophocercidae. |
| 2. Bullinidae.         | 7. Pleurobranchidae.      |
| 3. Bullidae.           | D. 8. Pterotracheidae.    |
| 4. Amphustridae.       | 9. Atlantidae.            |
| B. 5. Aplysiidae.      | 10. Ianthinidae.          |

## Order IV. GYMNOBRANCHIATA.

- |                       |                            |
|-----------------------|----------------------------|
| Fam. A. 1. Dorididae. | Fam. B. 6. Phyllirrhoidae. |
| 2. Tritoniidae.       | 7. Placobranchidae.        |
| 3. Glaucidae.         | 8. Limapontiidae.          |
| 4. Phyllidiidae.      | 9. Sagitidae.              |
| 5. Diphyllidiidae.    |                            |

## Order V. PNEUMOBRANCHIATA.

## Suborder I. INOPERCULATA.

- |                       |                         |
|-----------------------|-------------------------|
| Fam. A. 1. Arionidae. | Fam. B. 5. Auriculidae. |
| 2. Helicidae.         | 6. Lymneadae.           |
| 3. Veronicellidae.    | C. 7. Siphonariidae.    |
| 4. Onchidiidae.       |                         |

## Suborder II. OPERCULATA.

- |                        |                      |
|------------------------|----------------------|
| Fam. 8. Cyclophoridae. | Fam. 10. Aciculadae. |
| 9. Oligyradae.         |                      |

## Class 1. GASTEROPODA.

*Adult walking on an expanded foot.*

Subclass I. *Gill comb-like, formed of one or two series of lamellæ under the mantle on the back of the neck, or rarely round its edge. Adult and larva shell-bearing, larva furnished with deciduous cephalic fins. Unisexual, or hermaphrodite and self-impregnating. Ctenobranchiata, Gray, 1840. Prosobranchiata, M. Edw. 1846.*

Order I. PECTINIBRANCHIATA, *Cuvier*.

Gill comb-like, formed of one or (rarely of) two longitudinal series of laminae on the left side of the mantle over the back of the neck. Animal unisexual. Shell spiral.

## Suborder I. ZOOPHAGA.

Mantle produced into a siphon in front.

Fam. 1. *Strombidæ*.

Teeth, central 1, lateral 3·3, uncinated. Muzzle produced. Eyes pedicelled. Operculum small, claw-like, or wanting.

\* *Tentacle on middle of eye-pedicel. Operculum claw-like.*

1. STROMBUS, *Gray, Gen. Moll. n. 1=Pyramea et Lambis, Mus. Berl. 1818.*

1. *S. gigas, Kiener, t. 80. f. 2; Forskael, t. 81. f. 4; Lamk. t. 83. f. 1.*
2. *S. Pugilis, Bowdich, t. 81. f. 3.*
3. *S. Auris-Dianæ, Quoy, t. 2. f. 1.*
4. *S. Canarium (var. Isabella), Quoy, t. 2. f. 4♂, 3♀; Eydoux, t. 81 a. f. 1.*
5. *S. gibberulus, Quoy, t. 81. f. 1.*
6. *S. Papilio, Quoy, t. 81. f. 2.*
7. *S. lentiginosus, Quoy, t. 81. f. 5.*
8. *S. variabilis, Quoy, t. 2. f. 2.*
9. *S. Luhuanus, Quoy, t. 2. f. 6.*
10. *S. plicatus, Quoy, t. 2. f. 5.*
11. *S. vittatus, Adams, t. 84 a. f. 5.*

## 2. PTEROCERA, n. 2.

1. *P. truncata, Kiener, t. 79; Freycinet, t. 70. f. 5.*
2. *P. Lambis, Quoy, t. 1. f. 2♂, f. 1♀. Teeth of sexes different according to Quoy, Ast. t. 49. f. 20♀. t. 50. f. 8♂.*

## 3. FUSUS, n. 3.

1. *F. clavus. Rostellaria curvirostris, Kiener, t. 80.*
2. *F. subulatus, Adams, MSS. t. 84 a. f. 6.*

\*\* *Tentacle none? Operculum none.*

4. SERAPHYS, n. 4=*Terebrina, Rafinesque. Oper. none.*

1. *S. Terebellum (Terebellum subulatum), Adams, MSS. t. 84 a. f. 3, t. 82. f. 3.*

Fam. 2. *Aporrhaidæ*.

Teeth, central 1, lateral 3·3, uncinatæ. Eyes sessile at base of tentacle. Varix single, permanent, marginal.

1. APORRHAI, n. 33. Oper. ovate.

1. A. Pes-pelecani, *Müller*, t. 91. f. 3; *Chiaje*, t. 91. f. 4; *Desh.* t. 91. f. 4; *Joannis*, t. 91. f. 1; *Johnston*, MSS. t. 91. f. 2.

2. ?STRUTHIOLARIA. Oper. —?

1. S. vernis. S. cremulata, *Quoy*, t. 5. f. 3; *Kiener*, t. 91. f. 6.

3. ?DOLIUM, n. 50=Cadium, *Mus. Berl.* 1818. Oper. none.

1. D. galea, *Chiaje*, t. 16. f. 1; *Joannis*, t. 93. f. 1.

2. D. olearium, *Quoy*, t. 17. f. 1. Teeth 3·1·3.—*Quoy*.

3. D. Perdix, *Quoy*, t. 15. f. 1.

Fam. 3. *Muricidæ*. Murieea, *Lovèn*.

Teeth, central 1 large, lateral 1·1, versatile. Muzzle retractile. Operculum annular. Siphon of mantle produced in front.

\* *Operculum ovate, annular; nucleus subapical within the apex. Varices of shell well-developed.*

1. APOLLON, n. 5=Gyrinium, *Mus. Berl.* 1818.

1. A. vexillum. Ranella v., *Quoy*, t. 265. f. 1. Oper. like Triton.

2. A. foliatum, *Adams*, t. 84 a. f. 1.

3. A. bufonium, *Quoy*, t. 4. f. 2.

4. A. graniferum, *Quoy*, t. 4. f. 4.

5. A. leueostomum. Triton l., *Quoy*, t. 85. f. 1; *Desh.* t. 116. f. 2.

6. A. reticulare. Ranella gigantea, *Kiener*, t. 86. f. 1.

7. A. cælatum. Oper. like Triton.

2. TRITON, n. 6=Neptunea, *Mus. Berl.* 1818.

1. T. nodiferum, *Chiaje*, t. 3. f. 3♂; *Kiener*, t. 85. f. 5; *Bowd.* t. 3. f. 4?

2. T. olearium. T. succinetum, *Chiaje*, t. 3. f. 2; *Quoy*, t. 263. f. 3.

3. T. cutaceum, *Chiaje*, t. 3. f. 1♂.

4. T. tuberosum, *Quoy*, t. 4. f. 1-6.

5. T. pileare, *Quoy*, t. 4. f. 3♂.

6. T. chlorostomum, *Quoy*, t. 85. f. 2♀.

7. T. cancellatum, *Quoy*, t. 265. f. 2.

8. T. rubecula? *Swainson*, t. 85. f. 3.

9. T. Spengleri, *Quoy*, t. 4. f. 5.

3. PERSONA, n. 7=Distortrix, *Mus. Berl.* 1818. Oper. small, broad.

1. P. anus. Triton a., *Quoy*, t. 85. f. 4.

4. MUREX, n. 10.

1. M. inflatus, *Kiener*, t. 84.

2. M. tenuispinus, *Quoy*, t. 6. f. 2.

3. M. Brandaris, *Chiaje*, t. 6. f. 3♂, t. 7. f. 1, 2.

4. M. erinaceus, *Chiaje*, t. 89. f. 6.

5. M. palma-rosæ, *Quoy*, t. 7. f. 6.

6. M. zealandicus, *Quoy*, t. 7. f. 3.

7. M. octomus, *Quoy*, t. 7. f. 4.



8. *M. Trunculus*, *Chiaje*, t. 6. f. 1 ♂; *Fab. Colum.* t. 89. f. 7.  
 9. *M. ricinuloides*, *Quoy*, t. 7. f. 5.

5. TROPHON, n. 11.

1. *T. patagonicus*. *Murex* p., *D'Orb.* t. 89. f. 2.  
 2. *T.?* *crassilabris*. *Purpura* c., *Eydoux*, t. 87 a. f. 2; *Murex labrosus*, *D'Orb.* t. 89. f. 4.

\*\* *Operculum ovate, acute; nucleus apical. Varices of shell rudimentary or none.*

6. PISANIA, n. 4=Polliana, *Gray, Fig. Moll.*

1. *P. striata*. *Buccinum maculosum*, *Joannis*, t. 90. f. 3. *Columbella mercatoria*, *Chiaje*, t. 98. f. 1, t. 98. f. 8.  
 2. *P. —*. *Bucc. civette*, *Eydoux*, t. 87 a. f. 3.  
 3. *P.?* *lineata*. *Fusus* l., *Quoy*, t. 5. f. 5.  
 4. *P. ignea*. *Bucc. flammulatum*, *Quoy*, t. 5. f. 2.  
 5. *P. cincta*. *Bucc. c.*, *Quoy*, t. 5. f. 7.  
 6. *P. violacea*. *Bucc. v.*, *Quoy*, t. 5. f. 8.  
 7. *P. fasciolata*. *Bucc. f.*, *Quoy*, t. 5. f. 4.  
 8. *P. —*, n. s., *Chiaje*, t. 102. f. 20.  
 9. *P. undosa*. *Bucc. u.*, *Quoy, V. A.* t. 30. f. 1-4.  
 10. *P. vittata*. *Fusus v.*, *Quoy, V. A.* t. 34. f. 18, 19.  
 11. *P. lineolata*. *Bucc. l.*, *Quoy*, t. 5. f. 1.  
 12. *P. littorinoides*. *Bucc. litt.*, *Reeve, B. M.*  
 13. *P. antarctica*. *Bucc. a.*, *Reeve, B. M.*

7. EUTHRIA. Canal elongate.

1. *E. lignaria*. *Fusus lignarius*, *Chiaje*, t. 89. f. 3, 9.

8. ENZINA, n. 9. Oper. ovate, acute, curved. *E. turbinella*. *Purp. t.*, *Sow.*

9. COLUS, n. 19=Fusinus, *Rafin.* Animal red. Operculum ovate, acute.

1. *C. multicarinatus*. *Fusus m.*, *Kiener*, t. 90. f. 2.  
 2. *C. australis*. *Fusus a.*, *Quoy*, t. 9. f. 3.  
 3. *C. —?* *Chiaje*, t. 9. f. 2.  
 4. *C. raphanus*, *Quoy*, t. 9. f. 1.  
 5. *C. dilatatus*, *Quoy*, t. 9. f. 5.  
 6. *C. polygonoides*.

10. CASSIDULUS, n. 21=Mancinella. *Mus. Berl.* 1818.

1. *C. Melongena*, *Kiener*, t. 88. f. 1.  
 2. *C. galeodes*, *Quoy*, t. 266. f. 1.  
 3. *C. Cochlidium*. *Pyruca C.*, *Quoy*, t. 266. f. 2.  
 4. *C. Vespertilio*.  
 5. *C. Colosseus*.

11. LATIRUS, n. 25. Animal red.

1. *L. lineatus*. *Turbinella l.*, *Quoy*, t. 8. f. 3.  
 2. *L. polygonus*. *Turbinella p.*, *Quoy*, t. 8. f. 7.  
 3. *L. nussatellus*. *Turbinellus n.*, *Quoy*, t. 8. f. 1.

12. FASCIOLARIA, n. 26=Ieraneæ, *Rafin.*

1. *F. tulipa*, *Kiener*, t. 86. f. 2; *Lamk.* t. 87.  
 2. *F. filamentosa*, *Quoy*, t. 8. f. 5.  
 3. *F. Tarentina*, *Chiaje*, t. 8. f. 4; *Joannis*, t. 89. f.

13. TURBINELLUS, n. 27 = Xancus, *Mus. Berl.* 1818. Inner edge of oper. straight. T. ovoideus.

14. CYNODONTA, n. 28 = Vasum, *Mus. Berl.* 1818. Animal olive. Opercular inner edge curved.

1. C. cornigera. Turb. e., *Quoy*, t. 8. f. 3, copied *Kiener*.

2. C. ceramiea. Turb. e., *Quoy*, t. 93. f. 3.

3. C. pugillaris.

15. LAGENA, n. 29.

1. L. rustica. Turbinellus r., *Quoy*, t. 8. f. 6.

2. L. eingleifera.

16. CHRYSODOMUS, n. 39.

1. C. antiquus. Murex a., *Müller*, t. 92. f. 1, t. 89. f. 8.

17. CLAVELLA, n. 37 = Cyrtulus, n. 38. Pollia, sp. *Gray*. Columbella, sp. *Duclos*. C. distorta. Pollia distorta, *Gray*. Oper. thick. C. serotina. Cyrtulus s., *Hinds*. Oper. — ?

\*\*\* Operculum none.

18. COCHLIDIUM.

Head elongate conical, like a snout, with a very long, exsertile proboscis. Tentacula very small, on the side of the mouth. Eyes small, on outer side of their base. Male organ large. Foot ovate, truncate in front. Operculum none. Teeth central 3-toothed, lateral hooked versatile. Cochlidium Tuba. Pyrula tuba, *Eydoux* (*Voy. Bonite*, t. 43).

19. SYCOTYPUS, n. 20.

1. S. ficus. Ficula laevigata, *Adams*, MSS. t. 86. f. 2, corrected t. 261. f. 4.

2. S. reticulata. Ficula r., *Adams*, t. 261. f. 5.

20. CANCELLARIA, n. 30.

1. C. tuberculata, *D'Orb.* t. 89. f. 5, altered *Kiener*, t. 91. f. 5.

2. C.? (*Admete*) crispa, *Moller*, t. 125. f. 1.

\*\*\*\* Operculum semi-ovate; nucleus small, in the middle of the straight inner edge, like *Bezoardica*.

21. PUSIONELLA, n. 40.

1. P. Nifat. Fusus N., *Lamk.*

2. P. buccinatus. Fusus b., *Lamk.*

3. P. aculeiformis. Fusus a., *Lamk.*

\*\*\*\*\* Operculum ovate, blunt; nucleus elongate, occupying great part of outer or hinder side, like *Purpura*.

22. RAPANA, n. 23.

1. R. Bezoar. Buc. B., *Linn.*

2. R. Rapa. Bulla Rapa.

23. CHORUS, n. 34.

1. C. giganteus. Monoceros g., *Lesson.*

24. CUMA, n. 24.

1. C. sulcata, *Swains.*

Fam. 4. *Buccinidae*.

Teeth like *Muricidae*. Siphon of mantle recurved.

a. *Operculum ovate or oblong, nucleus on middle of inner or front edge.*

1. CASSIS, n. 42. Oper. oblong, narrow, small. *C. madagascariensis*. *C. coruntus* (*Quoy, Voy. Ast. t. 45. f. 1*).
2. BEZOARDICA, n. 43. Oper. half ovate, moderate, nucleus on middle of straight inner edge.
1. *B. glauca*. *Cassis g., Bowdich, t. 94. f. 4; Quoy, t. 16. f. 3.*
2. *B. Bezoar*. *Cassis B., Quoy, t. 94. f. 3.*
3. *B. sulcosa*. *Cassis s., Joannis, t. 94. f. 4; Chiaje, t. 16. f. 2.*

b. *Operculum none.*

3. MORIO, n. 44\*=*Phalium, Mus. Berl. 1818.*
1. *M. Echinophora*. *Cassidaria Thyreus, Chiaje, t. 17. f. 3.*
4. MALEA, n. 51.
1. *M. Pomum*. *Dolium P., Quoy, t. 17. f. 2.*
5. HARPA, n. 52=*Harparia, Rafin. 1815=Harpalis, Mus. Berl. 1818.*
1. *H. ventricosa, Quoy, t. 22. f. 1, 2; Lister, t. 95. f. 3.*
2. *H. minor, Quoy, t. 23. f. 1, 2.*

c. *Operculum oblong; nucleus elongate, occupying the long outer edge. Purpurina.*

6. COLUMBELLA, n. 53=*Peristera, Rafin. 1815=Pterygia, Mus. Berl. 1818.*
1. *C. rustica*. *Voluta r., Chiaje, t. 11. f. 6, 7, t. 98. f. 2; Joannis, t. 98. f. 4, 5.*
2. *C. cribraria*. *Buccinum c., Quoy, t. 24. f. 6. Oper. like Purpura.*
3. *C. mendicaria, Quoy, t. 98. f. 7. "Oper. ovate, acute."*
4. *C. Paytensis*. *C. Paytalida, Kiener, t. 98. f. 6.*
5. *C. pardalina, Quoy, t. 98. f. 3. "Oper. ovate, acute."*
6. *C. labrosa, Eydoux, t. 81 a. f. 4. Oper. oblong, nucleus lateral.*
7. *C.? lanceolata, Eydoux, t. 81 a. f. 2.*
8. *C. —? Barnet, Adanson, t. 24. f. 10.*
9. *C. Sertulariarum*. *Buccinum S., D'Orb. t. 99. f. 5.*
7. PURPURA, n. 55.
1. *P. hæmastoma, D'Orb. t. 106. f. 1; Joannis, t. 97. f. 7.*
2. *P. patula, Kiener, t. 95. f. 2.*
3. *P. rugosa, Quoy, t. 96. f. 7.*
4. *P. Thiarella, Quoy, t. 96. f. 8.*
5. *P. hippocastanum, Quoy, t. 96. f. 9.*
6. *P. mancinella, Quoy, t. 96. f. 12.*
7. *P. chocolatatum, D'Orb. t. 97. f. 6.*
8. *P. sertum, Quoy, t. 97. f. 3.*
9. *P. armigera, Quoy, t. 14. f. 4.*
10. *P. textilosa, Quoy, t. 14. f. 6.*

11. *P. coronata*, *Adanson*, t. 14. f. 5.
12. *P. haustum*, *Quoy*, t. 13. f. 2, 6.
13. *P. kiosquiformis*, *Eydoux*, t. 87 a. f. 6.
14. *P. undata*, *Eydoux*, t. 87 a. f. 1.
15. *P. Harpa*, *Eydoux*, t. 87 a. f. 10.
16. *P. cassidiformis*, *Eydoux*, t. 87 a. f. 8.
17. *P. sertularia*, *D'Orb.* t. 99. f. 5.
18. *P. —*. Pourpre de Chusan, *Eydoux*, t. 87 a. f. 6.
19. *P. echinulata*, *Quoy*, t. 266. f. 4.
20. *P. Quoyii*. Buc. testudineum, var. *Quoy*, t. 13. f. 7.
21. *P. Helena*, *Quoy*, t. 96. f. 1.
22. *P. tuberculata*, *Eydoux*, t. 87 a. f. 4.
23. *P. neritoidea*, *Quoy*, t. 96. f. 10. *P. madreporarum*, *Quoy*, t. 266. f. 3.
24. *P. hystrix*, *Quoy*, t. 96. f. 4. Pourpre ouverte, *Eydoux*, t. 87 a. f. 7.
25. *P. —*, *Quoy*, t. 96. f. 5. Animal cut open.

8. CONCHOLEPAS, n. 56\* = *Conchulus*, *Rafin.* 1815.

1. *C. peruviana*, *Lesson*, t. 13. f. 1, 3; *Kiener*, t. 95. f. 1.

9. ACANTHIZA, n. 57.

1. *A. striata*. *Monoceros striatum*, *Eydoux*, t. 87 a. f. 9.
2. *A. unicornis*. *Mon. crassilabrum*, *D'Orb.* t. 97. f. 2.

10. SISTRUM, n. 60.

1. *S. ricinus*. *Ricinula arachnoides*, *Quoy*, t. 96. f. 2.
2. *S. dactyloides*. *Ric. digitata*, *Quoy*, t. 96. f. 3.
3. *S. nodum*. *Ric. morus*, *Quoy*, t. 96. f. 6.
4. *S. horridum*. *Ric. h.*, *Quoy*, t. 96. f. 11; *Kiener*, t. 97. f. 5; *Frey-cinet*, t. 13. f. 4.

11. CAMPULOTUS, n. 61.

1. *C. antiquus*. *Magillus a.*, *Rüppell*, t. 24. f. 5, t. .
- d. *Operculum ovate*; *nucleus small, near outer front edge*. *Buccinina*.

12. BUCCINUM, n. 62 = *Halia*, *Macgilliv.*

1. *B. undatum*, *Cuvier*, t. 94. f. 1; *Müller*, t. 9. f. 4, t. 92. f. 4.

e. *Operculum ovate, apex subspiral*. *Planaxina*.

13. PLANAXIS, n. 58.

1. *P. pyramidalis*. *P. sulcatus*, *Quoy*, t. 24. f. 6.
2. *P. nigra*, *Quoy*, t. 24. f. 3.

14. QUOYIA, n. 59.

1. *Q. decollata*. *Planaxis d.*, *Quoy*, t. 24. f. 4.

15. ?? LITIOPA, n. 250.

1. *L. bombyx*, *Rang*, t. 24. f. 2. *Buccinum Litiopa*, *Quoy*, t. 24. f. 1.
2. *L. melastoma*, *Eydoux*, t. 107. f. 3. *Oper. spiral*; *opercular mantle with tentacles!*

f. *Operculum ovate lanceolate; nucleus apical, outer edge often serrated.* Nassina.

16. LATRUNCULUS, n. 63. Oper. ovate, acute, edge entire.

1. *L. areolatus.* Eburna areolata, *Kiener*, t. 93. f. 2.

2. *L. spiratus.* Eburna s., *Eydoux*, t. 85 a. f. 4.

17. ACUS, n. 65. Oper. ovate, nucleus apical=Terebraria, *Rafn.* 1815=Vertagus, *Mus. Berl.* 1818.

1. *A. maculatus.* Terebra m., *Eydoux*, t. 85 a. f. 8; *Kiener*, t. 99. f. 1.

2. *A. subulatus.* Terebra s., *Quoy*, t. 99. f. 3.

3. *A. dimidiatus.* Terebra d., *Quoy*, t. 99. f. 4.

4. *A. strigilatus.* Terebra s., *Eydoux*, t. 85 a. f. 9.

5. *A. —?* anatomy, *Quoy*, t. 99. f.

18. DORSANUM, n. 66.

1. *D. politum.* Buccinum p., *Lamk.* Miran, *Adanson*, t. 24. f. 12, 13.

19. BULLIA, n. 67=Bulliana, *Gray, Fig. Moll.* 1842.

1. *B. laevigata.* Buccinum laevissimum, *Freycinet*, t. 20. f. 3; *Quoy*, t. 20. f. 2.

2. *B. digitalis.* Bucc. achatinum, *Quoy*, t. 20. f. 1.

3. *B. Cochlidium.* Bucc. C., *D'Orb.* t. 98. f. 9.

4. *B. globosa.* Bucc. gl., *D'Orb.* t. 98. f. 10.

20. NASSA, n. 68=Nassaria, *Mus. Berl.* 1818.

1. *N. coronata.* Buccinum c., *Quoy*, t. 21. f. 2.

2. *N. arcularia.* Buccinum a., *Forsk.* t. 98. f. 14; *Quoy*, t. 21. f. 1; *Lister*, t. 102. f. 11; *Chiaje*, t. 21. f. 9, 10.

3. *N. olivacea.* Buccinum o., *Quoy*, t. 21. f. 6; *Eydoux*, t. 85 a. f. 2, var. f. 6.

4. *N. gemmulata.* Bucc. g., *Eydoux*, t. 85 a. f. 7.

5. *N. crenulata.* Bucc. c., *Eydoux*, t. 85 a. f. 3.

6. *N. xanthostoma.* Bucc. x., *Eydoux*, t. 85 a. f. 5.

7. *N. Isabella.* Bucc. I., *D'Orb.* t. 98. f. 12.

8. *N. dentifera.* Bucc. d., *D'Orb.* t. 98. f. 11.

9. *N. —.* Bucc. riparium, *Chiaje*, t. 97. f. 1.

10. *N. Thersites.* Bucc. Th., *Quoy*, t. 21. f. 3.

11. *N. pauperata.* Bucc. p., *Quoy*, t. 21. f. 4.

12. *N. fasciata.* Bucc. f., *Quoy*, t. 21. f. 5.

13. *N. globosa.* Bucc. g., *Quoy*, t. 21. f. 7.

14. *N. reticulata?* Bucc. r.? *Quoy*, t. 21. f. 8.

15. *N. gibba.* Buccinum mutabile, *Lamk.*; *Lister*, t. 102. f. 11; *Chiaje*, t. 21. f. 9, 10; *Forskael*, t. 21. f. 11.

16. *N. cornicula.* Bucc. c., *Chiaje*, t. 24. f. 11.

17. *N. ascanias.* Bucc. pygmeum, *Chiaje*, t. 21. f. 12.

18. *N. —.* *Fab.* 85 a. f. 1, 2, 3, 5, 6, 7.

19. *N. (Cyclope) neritea.* Bucc. n., *Chiaje*, t. 24. f. 8.

20. *N.?* *Adanson*, t. 102. f. 13.

21. NORTHIA, n. 70.

1. *N. pristis?* *Adams*, t. 84 a. f. 4.

22. PHOS, n. 72. Oper. ovate, nucleus apical. *P. senticosus* *Quoy, Voy. Ast.* t. f. .

23. *COMINELLA*. Oper. ovate acute, outer edge smooth.

1. *C. testudinea*. Bucc. t., *Quoy*, t. 14. f. 1, 3.
2. *C. maculosa*. *Purpura m.*, *Lamk.*; *Reeve*, f. 85.
3. *C. pluriannulata*. Bucc. p., *Reeve*, f. 38.
4. *C. ligata*. Bucc. l., *Lamk.*; *Reeve*, f. 22.
5. *C. lagenaria*. Bucc. l., *Lamk.*; *Reeve*, f. 33, 34.
6. *C. limbosa*. Bucc. l., *Lamk.*; *Reeve*, f. 35.
7. *C. lineolata*. Bucc. l., *Lamk.*; *Reeve*, f. 36.
8. *C. acutinodosa*. Bucc. a., *Reeve*, *Conch.* t. 4. f. 21.
9. *C. costata*. Bucc. c., *Quoy*, t. 102. f. 9.

g. *Shell plaited in front*. Olivina.

24. *STREPHONA*, n. 74 = *Olivaria*, *Rafin.* 1815 = *Porphyria*, *Mus. Berl.* 1818. Frontal lobes small, acute; operculum none.

1. *S. sanguinolenta*. Oliva s., *Quoy*, t. 18. f. 1.
2. *S. textilina*. Oliva t., *Quoy*, t. 18. f. 2.
3. *S. elegans*. Oliva c., *Quoy*, t. 18. f. 3.
4. *S. erythrostroma*. Oliva e., *Quoy*, t. 18. f. 4.
5. *S. Maura*. Oliva M., *Quoy*, t. 18. f. 5, t. 102. f. 5.
6. *S. senegalensis*. Oliva s., *Eydoux*, t. 83 a. f. 1.
7. *S. Ispidula*. Oliva I., *Duclos*, t. 101. f. 2, 3.
8. *S. —*. Oliva, *Duclos?* t. 100. f. 3.

25. *OLIVELLA*, n. 75. Frontal lobes small, acute; operculum distinct, half-ovate; nucleus subapical.

1. *O. volutella*. Oliva v., *Eydoux*, t. 83 a. f. 2.
2. *O. columellaris*. Oliva c., *Eydoux*, t. 83 a. f. 3.
3. *O. Puelchana*. Oliva P., *D'Orb.* t. 102. f. 1; *Duclos*, t. 101. f. 1.
4. *O. Tehuelchana*. Oliva T., *D'Orb.* t. 102. f. 2; *Duclos*, t. 101. f. 4.

26. *SCAPHULA*, n. 76. Frontal lobes very large, rounded; operculum distinct, half-ovate; nucleus subapical.

1. *S. auricularia*. Oliva a., *D'Orb.* t. 102. f. 6; *Duclos*, t. 100. f. 1.

27. *AGARONIA*, n. 77. Frontal lobes moderate, acute; operculum distinct.

1. *A. hiatula*. Oliva h., *Duclos*, t. 101. f. 4, 6, 7.

28. *ANCILLA*, n. 78. Oper. small, ovate, acute.

1. *A. australis*. *Ancillaria a.*, *Quoy*, t. 19. f. 5.
2. *A. albisulcata*. *Ancillaria a.*, *Quoy*, t. 19. f. 1, 2, 3.
3. *A. ampla?* *Voluta ampla*, *Gmelin*. *A. candida*, *Lamk.?*; *Forskael*, t. 19. f. 4.
4. *A. —*? *Adams*, t. 86 a. f. 1.
5. *A. mauritiana*. *Ancillaria volutella*, *Kiener*, t. 105. f. 1.

Fam. 5. *Trichotropidæ*.

Tooth central, single, lateral 3:3, converging. Operculum horny; nucleus lateral, like *Buccinidæ*.

1. *TRICHOTROPIS*, n. 64.

1. *T. bicarinata*, *Sowerby*, t. 24. f. 7.

2. ?? *PEDICULARIA*, n. 56. Perhaps a family; see Lovèn.

Fam. 6. *Conidæ*.

Teeth in pairs, elongate, subulate or hastate.

a. *Operculum ovate, acute, nucleus apical.*

1. CONUS, n. 28=Comulus, *Rafin.* Oper. thick, flat above, ovate, linear, apex acute, front or inner side straight.

1. *C. bandanus*, *Lesson*, t. 11. f. 8, t. 10. f. 7; *Quoy*, t. 83. f. 2.
2. *C. mediterraneus*, *Philippi*, t. 83. f. 4.
3. *C. acuminatus*, *Ehrenb.* t. 83. f. 3.
4. *C. —*, *Eydoux*, t. 81 a. f. 6.
5. *C. pulicarius*, *Quoy*, t. 10. f. 8.
6. *C. marmoreus*, *Quoy*, t. 10. f. 5.
7. *C. hebræus*, *Quoy*, t. 10. f. 4.
8. *C. figulinus*, *Quoy*, t. 10. f. 3.
9. *C. Miles*, *Quoy*, t. 10. f. 2.
10. *C. betulinus*, *Quoy*, t. 12. f. 1.
11. *C. lividus*, *Quoy*, t. 12. f. 3.
12. *C. tæniatus*, *Quoy*, t. 12. f. 5.
13. *C. arenatus*, *Quoy*, t. 12. f. 8, 9.
14. *C. —*. *Strombus*, *Adanson*, t. 11. f. 1, 2.
15. *C. raphanus*, *Quoy*, t. 11. f. 3.
16. *C. ? rusticus*, *Chiaje*, t. 11. f. 4.
17. *C. sanguinolentus*, *Quoy*, t. 11. f. 5.
18. *C. (Tuliparia) Tulipa*, *Quoy*, t. 12. f. 2.
19. *C. (Cylinder) textilis*, *Quoy*, t. 10. f. 1.
20. *C. striatus*, *Quoy*, t. 10. f. 6.

2. PLEUROTOMA. *Turris*, n. 12. Oper. ovate-lanceolate, flat, front side straight, canal elongate.

1. *P. babylonica*, *Kiener*, t. 90. f. 4; *Quoy*, t. 90. f. 3.
2. *P. virgo*, *Desh.* t. 90. f. 1.
3. *P. oxytropis*, *Lamk.*

3. DRILLIA, *Gray*=Clavatula, n. 13, pars. Oper. like *Pleurotoma*, canal short, eyes on upper part of tentacula.

1. *D. —*, *Adams*, t. 84 a. f. 2.
2. *D. ? echinata*. *Pleurotoma e.*, *Quoy*, t. 91. f. 4.

b. *Oper. semiovate annular, nucleus on the centre of the straight front edge.*

4. CLAVATULA, n. 13, pars. Shell canal short. 1. *C. bimarginata*. *Pleurot. b.*, *Lamk.* 2. *C. imperialis*. *Pleurot. i.*, *Lamk.*

5. TOMELLA, *Swains.* 1840. Canal elongate, inner lip callous near suture. *T. lineata*, *Swains.* *Pleurotoma l.*, *Lamk.*

c. *Operculum none.*

6. DEFRANCIA, n. 16.

1. *D. multilincata*. *Pleurotoma m.*, *Philippi*, t. 90. f. 2, t. 105. f. 5.

7. DAPHNELLA, *Hinds*, n. 13, pars, not *Baird.* *D. marmorata*. Oper. —?



Fam. 7. *Volutidæ*.

Teeth large, single, without any lateral ones.

## 1. YETUS, n. 82.

1. Y. Neptuni. Yet, *Adanson*, t. 25. f. 2. Voluta N., *Kiener*, t. 88. f. 3. ? *Bowdich*, t. 27. f. 4.

## 2. CYMBIUM, n. 83.

1. C. æthiopicum. Voluta æ., *Freycinet*, t. 25. f. 1.
2. C. armatum. Voluta a., *Quoy*, t. 265. f. 1, t. 264. f. 1.

## 3. VOLUTELLA, n. 84.

1. V. angulata. Voluta a., *D'Orb.* t. 27\*. f. 1.

## 4. CYMBIOLA, n. 86.

1. C. ancilla. Voluta a., *Quoy*, t. 263. f. 1.
2. C. colocynthus. Voluta c., *D'Orb.* t. 27\*. f. 2.
3. C. pacifica. Voluta p., *Quoy*, t. 27. f. 3, t. 263. f. 1.
4. C. fusus. Voluta f., *Quoy*, t. 27. f. 2.

## 5. SCAPHA, n. 87. Mantle enclosed.

1. S. vesperilio. Voluta v., *Quoy*, t. 26. f. 1, 2, 3.
2. S. undulata. Voluta u., *Quoy*, t. 27. f. 1.
3. S.? fasciata. Voluta Scapha, *Eydoux*, t. 81 a. f. 5.

6. MITRA, n. 94=Mitraria, *Rafinesque*, 1813.

1. M. episcopalis, *Quoy*, t. 28. f. 6; *Kiener*, t. 106. f. 4.
2. M. adusta, *Quoy*, t. 28. f. 3, 4.
3. M. maura, *D'Orb.* t. 106. f. 5.
4. M. retusa, *Quoy*, t. 28. f. 5.
5. M. nigra, *Quoy*, t. 28. f. 1.

## 7. TURRIS, n. 96, not 12.

1. T. corrugata. Mitra c., *Quoy*, t. 28. f. 2; *Swainson*, t. 106. f. 7, copy of former.
2. T. caffra. Mitra c., *Eydoux*, t. 81 a. f. 3.
3. T. stigmitaria. Mitra s., *Quoy*, t. 28. f. 8, copied M. sanguisuga, *Swainson*, t. 106. f. 3.
4. T. paupercula. Mitra p., *Quoy*, t. 128. f. 7.

## 8. IMBRICARIA, n. 99.

1. I. marmorata. Mitra (Concelix) m., *Quoy*, t. 45\*. f. 3, 4.
2. I. conovula. Mitra c., *Quoy*, t. 106. f. 7.

9. PORCELLANA, n. 100=Pterygia, pars, *Mus. Berl.* 1818.

1. P. glabella. Porcelaine, *Adanson*, t. 102. f. 12, copied Marginella g., *Kiener*, t. 102. f. 11.
2. P. quinqueplicata. Marginella q., *Eydoux*, t. 83 a. f. 4.
3. P. —, n. s., *Adams*, t. 86 a. f. 4.
4. P.? marginella, sp. *Swainson*, from *Guilding*, t. 102. f. 8, shell naked?
5. P. secalina. Marginella s. Volvaria triticea, *Philippi*, t. 102. f. 4.
6. P. —? Oliva variolosa, *Chiuje*, t. 102. f. 7.

10. PERSICULA, n. 101 = Marginella, *Mus. Berl.* 1818.

1. *P. carneola?* Oliva c., *Chiaje*, t. 102. f. 3.

Fam. 8. *Cypræadæ.*

Teeth central single, lateral 3:3, converging.

1. CYPRÆA, n. 103.

1. *C. stercoraria.* Maget, *Adanson*, t. 35. f. 4.
2. *C. Tigris*, *Quoy*, t. 32. f. 1 ♀, t. 35. f. 6 ♂; *Freycinet*, t. 30. f. 1, 2.
3. *C. Tigrina*, *Ehrenberg*, t. 31. f. 3; *Forskael*, t. 35. f. 5.
4. *C. mauritiana*, *Quoy*, t. 31. f. 1; *Nelson*, t. 36. f. 5. Young. *Perribolus*, *Adanson*, t. 35. f. 2.
5. *C. Isabella*, *Quoy*, t. 36. f. 3.
6. *C. Talpa*, *Quoy*, t. 31. f. 2.
7. *C. arabica*, *Quoy*, t. 33. f. 6, t. 34. f. 1; *Eydoux*, t. 83 a. f. 5.
8. *C. variolaria*, *Quoy*, t. 34. f. 3.
9. *C. vitellus*, *Quoy*, t. 34. f. 5.
10. *C. rufa*, *Chiaje*, t. 35. f. 1-3.
11. *C. cribraria*, *Quoy*, t. 34. f. 2.
12. *C. annulus*, *Quoy*, t. 34. f. 6.
13. *C. Moneta*, *Quoy*, t. 34. f. 9.
14. *C. Caput Serpentis*, *Quoy*, t. 33. f. 4.
15. *C. olivacea*, *Quoy*, t. 34. f. 8.
16. *C. Caurica*, *Adams*, t. 261. f. 1.
17. *C. erosa*, *Quoy*, t. 33. f. 1, 2; *Adams*, t. 261. f. 2.
18. *C. nucleus*, *Quoy*, t. 34. f. 4.

2. TRIVIA, n. 104 = *Coccinella*, *Searles Wood*, not *Linn.*

1. *T. europæa*, *Mrs. Johnston*, t. 36. f. 1. *C. pediculus*, *Guerin*, t. 36. f. 4. *C. norvegica*, *Sars*, t. 36. f. 6.
2. *T. australis*, *Quoy*, t. 34. f. 7.

3. ERATO, n. 107.

1. *E. Cypreola?* Oliva carneola, *Chiaje*, t. 102. f. 7.

4. AMPHICERAS, n. 108 = *Cyphonia*, *Mus. Berl.* 1818.

1. *A. ovum.* Ovula ovum, *Freycinet*, t. 29. f. 1, 2; *Quoy*, t. 30. f. 3, copied; *Kiener*, t. 105. f. 4.
2. *A. torile.* Ovula angulosa, *Quoy*, t. 33. f. 3, 5.
3. *A. dentatum.* Ovulum d., *Adams*, t. 86 a. f. 6, t. 261. f. 3.
4. *A. verrucosum.* Ovulum v., *Quoy*, t. 36. f. 2; *Adams*, t. 86 a. f. 5.
5. *A. volva*, *Adams*, t. 86 a. f. 3.
6. *A. adriaticum.* Ovula a., *Philippi*, t. 105. f. 7.
7. *A. spelta.* Ovula s., *Philippi*, t. 105. f. 6.

Fam. 9. *Lamellariadæ.*

Teeth central single, lateral 3:3 (or 1:1 very large), converging; mantle covering the shell not retractile; muzzle retractile.

1. LAMELLARIA, n. 109 = *Sigaretia*, *Rafin.* 1815. Teeth, central 1, lateral 1:1, large, versatile. *Lovèn*, t. 4. f. 15; *Quoy*, *V. A.* t. 61\*. f. 8.

1. *L. perspicua.* *Lamellaria tentaculata*, *Montag.* t. 103. f. 11. *Si-*

- garetus morelli, *Chiaje*, t. 103. f. 4. *S. perspicuus*, *Philippi*, *Contraîne*, t. 105. f. 2, t. 105. f. 3.
2. *L. Adansonii*. Sigaretus A., *Chiaje*, t. 103. f. 9.
  3. *L. neritoidea*. Sigaretus n., *Chiaje*, t. 103. f. 2.
  4. *L. — n.* Sigaret convex, *Blainv.* t. 103. f. 5. These may be all one species.
  5. *L. nigra*. Sigaret, *Cuvier*, *Anat.* t. 104. f. 2, t. 166. f. 3; *Cuvier*, *R. A.* t. 167. f. . *Coriocella nigra*, *Blainv.* t. 104. f. 3. Sigaretus Tonganus, *Quoy*, t. 104. f. 4.
2. MARSENINA. Teeth, central 1, lateral 3·3, hooked, equal. *M. prodita*. *Lamellaria prodita*, *Lovèn*.

## Suborder II. PHYTOPHAGA.

Mantle not (or rarely) produced into a siphon.

### Sect. 1. *Podophthalma*.

*Eyes on peduncles, separate from the tentacula. Male organ on edge of mantle. Gill-cavity with a short fringed gill and a large pulmonary bag on each side.*

#### Fam. 10. *Ampullariadæ*, n. 148.

Operculum annular. Teeth, 1 central, lateral 3·3, inner large like central.—*Quoy*, *V. A.* t. 57. f. 9. Mantle with a more or less long siphon on left side; rectum not traversing the heart. Fluvatile.

1. AMPULLARIA, n. 166. Operculum horny, with a shelly internal coat. Respiratory siphon elongate.
  1. *A. fasciata*, *Hardwicke*, t. 47. f. 3.
  2. *A. Cebensis*, *Quoy*, t. 47. f. 1, 2 & 4.
2. MARISA, n. 167. Operculum horny, siphon elongate. *M. cornu-arietis*. *Ampul. c.*, *Lamk.*
3. POMUS, n. 168. Operculum horny, dextral; siphon elongate.
  1. *P. zonatus*. *Ampullaria z.*, *D'Orb.* t. 47\*. f. 2.
  2. *P. Rossii*. *Ampullaria R.*, *D'Orb.* t. 47\*. f. 1.
  3. *P. Scalaria*. *Ampullaria S.*, *D'Orb.* t. 47\*\*. f. 2.
  4. *P. canaliculatus*. *Ampullaria c.*, *D'Orb.* t. 47\*\*. f. 1.
  5. *P. insularum*. *Ampullaria i.*, *D'Orb.* t. 117. f. 1.
  6. *P. —*, *Guilding*; *Swains.* t. 117. f. 2.
4. POMELLA, n. 171. Oper. horny, dextral; inner lip concave, shell striated. *P. neritoides*.
5. LANISTES, n. 169. Oper. horny, sinistral, or with nucleus on left margin. *L. Bolteniana*.
6. MELADOMUS, n. 170. Oper. horny, sinistral. *M. olivaceus*.
7. ASOLENE, n. 172. Operculum horny, with an internal shelly coat; siphon not exposed.
  1. *A. Platax*. *Ampullaroides P.*, *D'Orb.* t. 47\*. f. 4.

Sect. 2. *Edriophthalma*.

*Eyes sessile, or on very short tubercles on the outer side of the base of the tentacula. Male organ on right side of nape.*

- A. *Shell free, spiral. Operculum annular. Teeth few, unequal, 1 central and 3 lateral on each side, converging. Male organ at base of right tentacle, Lister, Cuvier. Gills three ranges of filaments. Fluvatile.*

Fam. 11. *Viviparidæ*.

1. VIVIPARUS, n. 251 = *Viviparella, Rafin.* Operculum horny, nucleus near the middle of inner side.
1. *V. vulgaris.* *Helix viviparus, Müller, t. 124. f. 3?; Cuvier, t. 124. f. 6.* *Nerita viviparus, Sturm, t. 124. f. 9.*
2. *V. bengalensis, Hardwicke, t. 124. f. 2.* India.
3. *V. ampullariformis.* *Paludina a., Eydoux, t. 127 a. f. 5.*
4. *V. decisa, Haldm. t. 310. f. 10.*
2. PALUDOMUS, n. 252 = *Tanalia, n. 219,* is only a subdivision. Operculum horny, nucleus near the front of outer side.
1. *P. conicus, Gray, P. Z. S. 1849.*
2. *P.?* *Paludine boueuse, Eydoux, t. 127 a. f. 4,* edge of mantle festooned.
3. BITHINIA, n. 253. Operculum with a shelly internal coat, nucleus subcentral.
1. *B. tentaculata.* *Cyclostoma impura, Sturm, t. 124. f. 8; Chiaje, t. . . f. . .*
2. *B. viridis.* *Cyclostoma v., Sturm, t. 124. f. 7.*
4. NEMATURA, n. 207. Operculum annular, ovate, thick, shelly; nucleus subcentral; shell mouth contracted. 1. *N. Deltae.* 2. *N. polita.*
- B. *Shell spiral, free. Gill inclosed, in one or three lines on left side of mantle-cavity. Operculum spiral. Teeth few, central 1, lateral 3·3, converging.*

Fam. 12. *Littorinidæ*.

Foot moderate, for walking; trunk produced, wrinkled, not retractile; tentacula far apart on side of head; gills 2, one very large, occupying nearly the whole surface of the cavity and formed of flat free plates. Amphibious.

a. *Operculum ovate, few whorls.*

1. ASSIMINEA, n. 193. Eyes on pedicels, united to the short tentacles.
1. *A. Grayi, Berkeley, t. 123. f. 6; Gray, t. 51. f. 8.*
2. LITTORINA, n. 194. Eyes sessile.
1. *L. littorea.* *Turbo l., Cuvier, t. 51. f. 4.*
2. *L. varia.* *Lit. variée, Eydoux, t. 127 a. f. 2.*

3. *L. canariensis*, *D'Orb.* t. 125. f. 10.
4. *L. —*. *L. seriale*, *Eydoux*, t. 127 a. f. 3.
5. *L. Gaudichaudi*, *Eydoux*, t. 127 a. f. 1.
6. *L. peruviana*, *D'Orb.* t. 123. f. 4.
7. *L. Araucana*, *D'Orb.* t. 123. f. 1.
8. *L. flava*, *D'Orb.* t. 123. f. 2.
9. *L. diemensis*. Turbo d., *Quoy*, t. 51. f. 3.
10. *L. luteola*. Turbo l., *Quoy*, t. 51. f. 2.
11. *L. scabra*. Turbo angulifera, *Quoy*, t. 51. f. 1.
12. *L. pyramidalis*. Turbo p., *Quoy*, t. 51. f. 6.
13. *L. miliaris*, *Quoy*, t. 123. f. 5.
14. *L. punctata*. Marnat, *Adanson*, t. 51. f. 5, with a produced siphon? like a *Buccinum*!

### 3. LITHOGLYPHUS, n. 198.

1. *L. piscium*. Paludina p., *D'Orb.* t. 124. f. 5.
2. *L. Lapidum* Paludina L., *D'Orb.* t. 124. f. 4.

### 4. HYDROBIA, n. 199.

1. *H. parvula*. Paludina p., *Guilding*, t. 123. f. 7.
2. *H. ? subumbilicata*. Rissoa s., *Lowe*, t. 123. f. 3.

### 5. FOSSAR, n. 206.

1. *F. ambigua*. Fossar, *Adanson*, t. 51. f. 7. *Fossarus Adansonii*, *Philippi*, t. 125. f. 7.

### 6. LACUNA, n. 208. 1. *L. canalis*, *Wiegmann*, *Arch.* 1836, t. 8. f. 5. 2. ? *L. —*, *Sars*.

### 7. TRICULA, n. 218. Operculum horny, of two whorls. *T. montana*, *Benson*.

### 8. RISELLA, n. 195 = Pagoda, sp. *Gray*, *Fig. Moll.* Shell trochiform; aperture rhombic.

1. *R. melanostoma*. *Trochus nanus*, *Quoy*, t. 51. f. 11.
2. *R. aurata*. *Trochus a.*, *Quoy*, t. 51. f. 10; f. 14, variety of preceding?
3. *R. lutea*. *Trochus l.*, *Quoy*, t. 51. f. 12.

### 9. PAGODUS, n. 196 = Tectaria, *Guerin*, *Icon.* t. 11. f. 1. Oper. ovate, subcircular. *P. tectum persicum*. *P. coronaria*. *P. papillosus*.

1. *P. verus*. *Trochus Pagodus*, *Quoy*, t. 82. f. 1, 4.
2. *P. —*, n. s., *Adams*, t. 126 a. f. 4.

#### b. Oper. circular, many-whorled.

### 10. NINA. Shell, inner lip arched, edentulous; axis perforated. *N. Cumingii*. *Trochus* and *Littorina C.*, *Philippi*.

### 11. MODULUS, n. 197. Eyes halfway up the tentacles. Pillar lip deeply notched.

1. *M. retusus*. *Trochus tectum*, *Gmelin*. *Monodonta retusa*, *Lamk. E. M.*
2. *M. trochiformis*. *Module trochiforme*, *Eydoux*, t. 126 a. f. 1.
3. *M. lenticularis*.

Fam. 13. *Architectonidæ*.

Foot moderate, for walking. Tentacula near together, nearly united at their base, over the retractile trunk. Gill-cavity divided by a longitudinal fold.

1. ARCHITECTOMA, n. 200. Oper. ovate, flat, few-whorled; tentacle grooved beneath.
1. A. perspectiva. Solarium p., Quoy, t. 41. f. 5; Eydoux, t. 126. f. 2.
2. TORINIA, n. 200. Operculum circular, elevated, conical, of many whorls.
1. T. cylindrica. Solarium variegata, Quoy, t. 41. f. 3.

Fam. 14. *Melaniadæ*.

Gill single, composed of rigid cylindrical plates; mantle torn on the edge. Tentacula lateral. Trunk annulated, produced, not retractile.

a. *Shell white. Oper. ovate, subspiral.* RISSOINA.

1. RISSOA, n. 209. Foot with single dorsal posterior process.
1. R. auriscalpium, Philippi, t. 125. f. 13.
2. R. parva? Turbo rissouanus, Chiaje, t. 123. f. 8.
3. R. monodon, Philippi, t. 125. f. 9.
4. R.? inconspicua, Alder, t. 125. f. 5.
2. SKENEA, n. 213.
1. S.?? atomus. Truncatella a., Philippi, t. 125. f. 15.

b. *Shell olive. Melaniana.*

\* *Operculum ovate, subspiral.*

3. MELANIA, n. 215. Often viviparous.
1. M. armarula, Eydoux, t. 127 a. f. 6.
2. M. setosa, Quoy, t. 55. f. 2, 11.
3. M. virgulata, Eydoux, t. 127 a. f. 8.
4. M. erythrostoma, Quoy, t. 55. f. 3.
5. M. celebensis, Quoy, t. 55. f. 4.
6. M. truncatula, Quoy, t. 55. f. 5, 12.
7. M. uniformis, Quoy, t. 55. f. 6.
8. M. spinulosa, Quoy, t. 55. f. 7.
9. M. costata, Quoy, t. 55. f. 8.
10. M. granifera, Quoy, t. 55. f. 9.
11. M. molluccensis, Quoy, t. 55. f. 10.
4. VIBEX, n. 221.
1. V. aurita. Melania aurita, Rang, t. 54. f. 8.
2. V. Owenii. Melania tuberculosa, Rang, t. 54. f. 1.
5. FAUNUS, n. 229.
1. F. ater. Pirena terebralis, Quoy, t. 55. f. 1.

\*\* *Oper. subcircular or circular, many-whorled.*

6. MELANATRIA, n. 222. Oper. subsemicircular, of few rapidly enlarging whorls.

1. M. fluminea.
2. M. indica. Melanie indienne, *Eydoux*, t. 127 a. f. 7; *Voy. Bon.* t. 31. f. 12, 15.
3. M. ——. M. de Touranne, *Eydoux, Voy. Bon.* t. 31. f. 47.
4. M. ? Adams, t. 126 a. f. 7. "Oper. circular, of many whorls."

? 7. CLIONELLA, n. 230. Operculum —?

1. C. sinuata. Pleurotoma buccinoidea, *Quoy*, t. 90. f. 5.

c. Cerithiina.

\* *Operculum ovate.*

8. RHINOCLAVIS=Cerithium, pars, n. 233.

1. R. diemensis. Cerithium d., *Quoy*, t. 54. f. 5.
2. R. vertagus. Cerithium v., var. *Quoy*, t. 54. f. 3.
3. R. aluco. Cerithium a., *Quoy*, t. 54. f. 7.
4. R. vulgatus. Cerithium v., *Philippi*, t. 53. f. 6; *Joannis*, t. 173. f. 3; t. 53. f. 8, 9 ♀ ♂; *Chiaje*, t. 52. f. 5.
5. R. lemniscatus. Cerithium l., *Quoy*, t. 52. f. 9.
6. R. brevis. Cerithium b., *Quoy*, t. 52. f. 8.
7. R. morus. Cerithium m., *Quoy*, t. 52. f. 7.
8. R. Tourannii. C. de Touranne, *Eydoux*, t. 127 a. f. 9.

9. CERIPHASIS, n. 227. C. sulcatus, *Say*.

\*\* *Oper. semicircular, of few rapidly enlarging whorls.*

10. CERITHIUM, n. 233, pars.

1. C. nodulosum, *Quoy*, t. 52. f. 9, t. 54. f. 6.
2. C. læve, *Quoy*, t. 52. f. 6.

\*\*\* *Operculum circular, of many whorls.*

11. BITTIUM, n. 234.

1. B. ? reticulatum, *Chiaje*, t. 54. f. 5, t. 127. f. 4.
2. B. ? diemenense, *Quoy, V. A.* t. 55. f. 13.

12. LAMPANIA, n. 223. L. zonalis. Cerithium z., *Lam.*

13. CERITHIDEA, n. 236. Oper. circular.

1. C. obtusa. Cerithium o., *Quoy*, t. 52. f. 2, t. 267. f. 3; *Eydoux*, t. 127 a. f. 10.
2. C. Kieneri, *Quoy*, t. 267. f. 4.

14. TYMPANOTOMUS, n. 237.

1. T. fuscatus. Popel, *Adanson*, t. 53. f. 3.

15. TELESCOPIUM, n. 238.

1. T. fuscum. Cerithium Telescopium, *Quoy*, t. 54. f. 2, t. 267. f. 1; *Lowe*, t. 127. f. 5.



## 16. PYRAZUS, n. 240.

1. *P. palustris*. Cerithium p., *Quoy*, t. 54. f. 4, t. 267. f. 2; *Kiener*, t. 127. f. 6.
2. *P. ebeninus*. Cerithium e., *Quoy*, t. 52. f. 4.
3. *P. sulcatus*, *Quoy*, t. 52. f. 1.

d. *Nape crested*. Triphorina.

## 17. TRIPHORIS, n. 241. Oper. circular.

1. *T. perversus*. Murex Savignys, *Chiaje*, t. 53. f. 2.

e. *Zariana*.

## 18. TEREBELLUM, n. 242. Oper. circular; edge of whorls striated, fringed.

1. *T. commune* (*Turritella terebra*), *Chiaje*, t. 53. f. 7.
2. *T. triplicatum*. *Turritella t.*, *Philippi*, t. 128. f. 6.
3. *T. ? roseum*. *Turritella r.*, *Quoy*, t. 53. f. 1.

19. ZARIA, n. 244=Epitonium, sp. *Mus. Berl.* 1818.

1. *Z. duplicata*. *Turritella d.*, *Kiener*, t. 128. f. 7.

Fam. 15. *Naticidæ*.

Foot very large; chin produced in front; shell sunk into the foot. Muzzle elongated, entirely retractile. Opercular mantle very large.

a. *Oper. horny, with a calcareous inner layer*.

## 1. NATICA, n. 180.

\* *Oper. flat, with many spiral grooves*.

1. *N. Canrena*, *Cuvier*, t. 50. f. 2.
2. *N. hebræa*, *Martyn*.

\*\* *Oper. flat, with two or three marginal grooves*.

3. *N. Marochiensis*, *Quoy*, t. 49. f. 3; var. t. 49. f. 4, t. 50. f. 4.
4. *N. maculosa*, *Eydoux*, t. 122. f. 2.
5. *N. Clausa*, *Sow*.

\*\*\* *Oper. with a large convex ridge*.

6. *N. fulminata*, *Lamk*.

2. NATICOPSIS, *M' Coy*. Operculum calcareous.

b. *Oper. horny, simple*.

## 3. NEVERITA, n. 182.

1. *N. glaucina*. *Natica glaucina*, *Philippi*, t. 12. f. 12; *Joannis*, t. 119. f. 5; *Chiaje*, t. 50. f. 1, 3, 6.
2. *N. —*. *Naticæ glauque*, *Eydoux*, t. 120.
3. *N. —*. *N. Chemnitzii*, *Eydoux*, t. 122. f. 6.

## 4. LUNATIA, n. 183.

1. *L. limbata*. *Natica l.*, *D'Orb.* t. 118. f. 2.
2. *L. plumbea*. *Natica p.*, *Quoy*, t. 49. f. 2.

## 5. POLINICES, n. 185.

1. *P. mammilla*. Natica m., *Ehrenb.* t. 50. f. 5; *Eydoux*, t. 122. f. 3.
2. *P.* ———? N. Jaune roux, *Eydoux*, t. 122. f. 1.
3. *P.*? Uber. N. Uber, *D'Orb.* t.

## 6. MAMMILLA, n. 186. Oper. large.

1. *M. melanastoma*. Natica m., *Quoy*, t. 49. f. 1.
2. *M. melanastomoidea*. Natica m., *Quoy*, t. 49. f. 5.
3. *M. fibrosa*. Natices fibreuse, *Eydoux*, t. 122. f. 4.

## 7. STOMATIA, n. 191. Oper. very small.

1. *S. Haliotoides*. *Cryptostoma Leachii*, *Gray*, t. 119. f. 3.
2. *S. zonalis*. *Cryptostoma z.*, *Quoy*, t. 49. f. 6; ? *Adams*, t. 82. f. 2.
3. *S. Cymba*. *Cryptostoma concavus*, *Gray*, t. 119. f. 3; *D'Orb.* t. 118. f. 1.
4. *S. laevigata*, *Eydoux*, t. 122. f. 5.
5. *S. Reevesii*. China, *Reeves*, t. 121.

? Fam. 16. *Velutinidæ*.

Mantle edges inflated, folded on the edge into two canals. Muzzle retractile, strong. Tentacles united by a veil. Tongue linear. Teeth, central 1, lateral 3·3, uncinatæ. Operculum none.

1. VELUTINA, n. 255. *Gray, Med. Rep.* 1821.

1. *V. laevigata*. *Bulla velutina*, *Müller*, t. 109. f. 10. Velutine Capuloide, *Blainv.* t. 103. f. 6.
2. *V. Otis*, *Johnston, MSS.* t. 103. f. 8.

c. *Shell attached, irregular. Gills enclosed in a line on left side of mantle-cavity. Foot scarcely fit for walking, end dilated, clavate. Operculum horny, circular, or wanting. Teeth ———?*

Fam. 17. *Vermetidæ*, p. 156.

Muzzle produced, contractile, not retractile. Tentacula lateral.

## 1. SIPHONIUM=Vermetus, part, n. 257. Oper. large, smooth, circular, concave; scar central, circular, rugose.

1. *V. maximum*, *Gray*, t. 128. f. 2. *V. giganteus*, *Quoy*, t. 56. f. 5.
2. *V. Tonganum*, *Quoy*, t. 56. f. 7.
3. *V. reticulatum*, *Quoy*, t. 56. f. 2.
4. *V. carinatum*, *Quoy*, t. 56. f. 1.
5. *V.??* ———, n. s., *Adams, MSS.* t. 82. f. 1.

2. VERMETUS, n. 257. Operculum large, rather concave; whorls many, thin, with a thin produced external edge; scar central, circular, with close, regular, concentric grooves. *V. lumbricalis*, *Lamk.* *V. Hindsii*. Irregularly twisted, *B.M.*

## 3. BIVONIA, n. 258. Operculum rudimentary, small (spiral?).

1. *B. glomerata*. *Vermetus g.*, *Philippi*, t. 58. f. 4.
2. *B. triquetra*. *Vermetus t.*, *Philippi*, t. 58. f. 5.
3. *B. semisurrecta*. *Vermetus s.*, *Philippi*, t. 58. f. 1.
4. *B. subancellata*. *Vermetus s.*, *Philippi*, t. 58. f. 3.

4. SERPULOIDES, n. 259. Operculum none; foot truncate, radiated at the tip, front of foot produced into tentacula.
1. *S. arenaria*. Vermetus gigas, *Philippi*, t. 57. f. 2; *Chiaje*, t. 58. f. 6.
  2. *S. inoperculata*. Vermetus i., *Rüppell*, t. 57. f. 1.
  3. *S. dentifera*. Vermetus d., *Quoy*, t. 56. f. 8.
  4. *S. varians*. Vermetus v., *D'Orb.* t. 128. f. 1.
5. LEMENTINA, n. 260. Operculum none; foot truncate, circular at top.
1. *L. Cuvieri*, *Risso*, t. 57. f. 3, probably only a badly described and figured *Serpuloides arenarius*.
6. CLADOPODA. Operculum none; foot elongate, front end simple, hinder extremity oblong, clavate or subtruncate.
1. *C. grandis*. Vermetus arenarius, *Quoy*, t. 56. f. 9. *V. grandis*, *Gray*.
  2. *C. elegans*. Vermetus e., *Quoy*, t. 56. f. 4.
  3. *C. nova zealandica*. Vermetus n., *Quoy*, t. 56. f. 6.
7. SILIQUARIA, n. 261. Oper. spiral, fringed; foot, end truncate, circular.
1. *S. anguina*, *Philippi*, t. 58. f. 2.
  2. *S. rosea*. Vermetus r., *Quoy*, t. 56. f. 3.
- d. *Shell free, subspiral, young regularly spiral. Gills form an oblique line across the mantle-cavity, laminae elongate, linear. Operculum none. Muzzle elongate, not retractile. Tongue-membrane winged on each side in front. Teeth, central 1, lateral 3·3.*

Fam. 18. *Capulidæ*, p. 157.

Foot folded on itself. Egg-cases membranous, attached in a tuft at the front of the foot.

1. CAPULUS, n. 263=Sphondylus, *Sloane*, 1725.
1. *C. ungaricus*. *Patella hungarica*, *Curtis*, *MSS.* t. 268. f. 12.
2. HIPPONIX, n. 264.
1. *H. radiatus*, *Quoy*, t. 130. f. 6.
2. *H. foliatus*, *Quoy*, t. 130. f. 5.
3. AMALTHEA, n. 265.
1. *A. conica*. *Hipponyx australis*, *Quoy*, t. 130. f. 7.

Fam. 19. *Calyptæidæ*, p. 157.

Foot expanded.

1. CRYPTA, n. 268.
1. *C. costata*. *Crepidula c.*, *Quoy*, t. 58\*. f. 2.
2. *C. maculata*. *Crepidula m.*, *Quoy*, t. 58\*. f. 4.
3. *C. aculeata*. *Crepidula a.*, *D'Orb.* t. 58\*. f. 5.
4. *C. patagonica*. *Crepidula p.*, *D'Orb.* t. 58\*. f. 6.
5. *C. Adolphæi*. *Calyptæa A.*, *Lesson*, t. 130. f. 4. Animal in shell the wrong way.

2. GALERUS, n. 269.
1. *G. chinensis*. *Calyptrea sinensis*, *Deshayes*, t. 130. f. 1; *Forbes & Hanley*, *B. Moll.* t. BB. f. 8-13.
3. CRUCIBULUM, n. 270.
1. *C. lignarium*. *Calyptrea* l., *D'Orb.* t. 130. f. 2.
4. CALYPTRA, n. 271=Lithedaphus, *Owen*.
1. *C. equestris*, *Owen*, *Trans. Zool. Soc.*
5. TROCHITA, n. 272.
1. *T. radians*. *Crepidula* r., *D'Orb.* t. 58\*. f. 3.
2. *T. pileus*. *Crepidula tomentosa*, *Quoy*, t. 58\*. f. 1.
3. *T. occidentalis*, n. s. *Calyptrea chinensis*, *Guilding*, t. 130. f. 2.

? Fam. 20. *Phoridae*, p. 158.

Muzzle conical, produced. Foot small, dilated in front. Operculum large, horny, subannular.

1. PHORUS, n. 273.
1. *P. conchyliophorus*, *Gray*, t. .
2. ONUSTUS, n. 274=Astralium, *Mus. Berl.* 1818.
1. *O. indicus*, *Adams*, t. 122 a. f. 2.
2. *O. javanicus*, *Adams*, t. 122 a. f. 1.

? Fam. 21. *Vanicoroide*, p. 156.

Foot small, circular, produced in front, with a dilated membranaceous expansion on each side. Muzzle conical, wrinkled. Operculum horny, thin, ovate; whorls few, upper very small.

1. VANICORO, n. 256.
1. *V. Souleytana*. *Narica* S., *Reclus*, t. 128 a. f. 1.
2. *V. cancellata*. *Velutina* c., *Quoy*, t. 103. f. 8.
- E. *Shell free, spiral. Gill plumose, exposed; laminae pinnate, spirally twisted. Operculum horny, spiral; whorls many, with a thin raised edge. Teeth, central 1, lateral 3-3.*

Fam. 22. *Valvatidae*, p. 156.

1. VALVATA, n. 254.
1. *V. cristata*, *Gruithuisen*, t. 126 a. f. 6; *Sturm*, t. 126. f. 3; *Chiujé*, t. 126. f. 1?
2. *V. planorbis*, *Sturm*, t. 126. f. 2.
- F. *Shell free, spiral. Gills inclosed, on left side of mantle-cavity. Operculum spiral, rarely wanting. Teeth numerous, similar (like Bullidae and Ianthinidae). Muzzle elongate, retractile.*

Fam. 23. *Scalariadae*=*Scalarina*, p. 155.

Teeth, central none, lateral many, uniform, hook-like, the outer

rather larger. Operculum spiral, horny, of few whorls. Tentacula lateral.

1. SCALARIA, n. 248.

1. *S. clathrus*. Turbo c., *Leach*, t. 127. f. 1; *Planchus*, t. 127. f. 7, 9; *Kiener*, t. 127. f. 2.
2. *S. pseudoscalaris*, *Philippi*, t. 127. f. 8.

Sect. 3. *Iniophthalma*.

*Eyes sessile, on the head between or rather behind the base of the tentacula. Operculum spiral or annular. Passing to Bullidæ.*

a. *Operculum spiral. Eyes near tentacula.*

Fam. 24. *Cæcidæ*.

Shell subcylindrical, arched, apex deciduous, subspiral? Operculum circular, horny, spiral. Foot short. Tentacula simple.—*Clarke*.

1. CÆCUM, n. 774.

1. *C. imperforatum*. Junior *C. trachea*. Oper. concave externally.
2. *C. glabrum*. Oper. convex externally, with spiral terraces.

Fam. 25. *Truncatellidæ*.

Muzzle broadly 2-lobed. Foot very short, roundish. Operculum horny. Walks with its foot and lips.

1. TRUNCATELLA, n. 282.

1. *T. truncatula*, *Lowe*, t. 123. f. 14; *Philippi*, t. 125. f. 14.
2. *T. littorina*, *Philippi*, t. 125. f. 6.

Fam. 26. *Pyramidellidæ*.

Teeth none or rudimentary. Operculum spiral, few-whorled, with a thin inner edge.

1. OBELISCUS, n. 283=Plotia, sp. *Mus. Berl.* 1818.

1. *O. maculatus*. Pyramidella m., *Quoy*, t. 123. f. 13.
2. *O. ventricosus*. Pyramidella v., *Quoy*, t. 123. f. 10; *Kiener*, t. 123. f. 12. Animal of *Quoy's* figure of *O. maculatus* placed in this shell!

2. ODOSTOMIA, n. 286.

1. *O. spiralis*, *Alder*, t. 125. f. 4 ("not correct," *Alder*). Turbonella s., *Lovèn*, t. 128 a. f. 3.
2. *O. interrupta*. Turbonilla i., *Lovèn*, t. 128 a. f. 4.
3. *O. clavula*. Turbonilla c., *Lovèn*, t. 128 a. f. 2.

3. TURBONILLA, n. 288.

1. *T. albula*. Menetho a., *Moller MSS.* t. 125. f. 2.

4. EULIMA, n. 290.

1. *E. distorta*, *Philippi*, t. 125. f. 11.
2. *E. polita*, *Philippi*, t. 125. f. 12.

5. *STYLINA*, *Fleming*; *Gray*, *Beechey Voy.* = *Stylifer*, *Brod.*

1. *S.* —, n. s., *Adams*, *MSS.* t. 126 a. f. 3.
2. *S.* —, n. s., *Adams*, *MSS.* t. 126. f. 5.

Fam. 27. *Acteonidæ*, p. 160.

Teeth, central none, lateral numerous, uniform, in a diverging cross series. Operculum horny, spiral, few-whorled. Shell external.

1. *ACTEON*, n. 292.

1. *A. Tornatilis*. *Tornatella fasciata*, *Philippi*, t. 128. f. 5.

*Tylodina*, according to Lovèn, is allied to this family.

b. *Operculum annular*. *Eyes far behind tentacula*.

Fam. 28. *Rissoellidæ*.

Front of head nicked, lobes elongate cylindrical, nearly as long as the tentacula. Eyes far back. Operculum half-ovate, annular; nucleus near the inner straight edge, with a central internal process.

1. *RISSOELLA*, *Gray*, 1848, n. 286, *part.*

1. *R. glaber*. *Rissoa?* g., *Alder*, t. 125. f. 3.

## Order II. SCUTIBRANCHIATA.

Gill consisting of two series of lamellæ, forming one or two series over the back of the neck or on the under edge of the mantle round the foot. Animal hermaphrodite, self-impregnating? Shell spiral or symmetrical, conical. Rectum often traversing the heart.

This order may be thus divided:—

*Normal*. Heart traversed by the rectum; lateral teeth very numerous. Scutibranches, *Cuvier*, *Trochina*, *Lovèn*. Containing the first seven families.

*Abnormal*. Heart separate from the rectum. Teeth moderate in number, in pairs. Containing the remaining families.

Sect. 1. *Podophthalma*, p. 143.

*Eyes pedicelled, separate from the tentacula. Shell and operculum spiral. Teeth numerous, lateral ones uniform, very numerous, crowded.*

- A. *Sides of the foot with a continued fringe, with three or four elongated tentacula on its upper surface. Shell internally pearly.*

Fam. 1. *Turbinidæ*, p. 143.

Operculum horny, with a solid, convex, calcareous coat. Frontal appendages two, below the tentacula, lobed.

a. *Turbina*. *Mouth and oper. subcircular.*

\* *Oper. without spiral ridges.*

1. *SARMATICUS*. *Oper. externally covered with numerous sepa-*

rate, flat-topped tubercles. 1. *S. Classicarius*. Turbo Sar., *Linn.* Oper. thin; tubercles separate. 2. *S. natalensis*. Turbo n., *Kraus*. Oper. thick; tubercles crowded.

2. TURBO, n. 110. Oper. externally convex and granular.

1. *T. araucanus*, *D'Orb.* t. 108. f. 3.
2. *T. niger*, *D'Orb.* t. 108. f. 1.
3. *T. radiatus*, *Eydoux*, t. 107 a. f. 2.
4. *T. chrysostomus*, *Cuvier*, t. 41. f. 6.
5. *T. marmoratus*, *Quoy*, t. 37. f. 1.
6. *T. tuberculosus*, *Quoy*, t. 38. f. 5.
7. *T. smaragdus*, *Quoy*, t. 38. f. 1.

\*\* Oper. with one or more spiral ribs.

3. MARMOROSTOMA, n. 113. Oper. with an indistinct subcentral rib, surrounded by a broad flat margin.

1. *M. undulatum*. Turbo u., *Quoy*, t. 38. f. 2, 3, t. 60. f. 9-14.
2. *M. versicolor*. Turbo v., *Quoy*, t. 38. f. 4, 6.

4. MODELIA. Oper. with a convex, subcentral granular rib, and a sharp-edged submarginal keel. 1. *M. granosus*. Turbo g., *Martyn*.

5. CALLOPOMA. Oper. with a broad central and three or five submarginal spiral ribs, outer ribs toothed. 1. *C. fluctuosum*. Turbo fl., *Gray*. Oper. ribs 5. 2. *C. saxosum*. Turbo s., *Gray*. Oper. ribs 3.

6. NINELLA. Oper. concave externally and edged with two raised spiral ribs and a thin edge. 1. *N. lamellosa*. Turbo l., *Brod*.

2. *N. torquata*. Turbo t., *Quoy*, t. 39. f. 2.

7. COLLONIA. Tuba, n. 114, not *Lea*. Oper. circular, many gradually enlarged whorls, with a convex external rib and central pit. 1. *C. marginata*. Delphinula m., *Lamk*. 2. *C. striata*, *Gray*. Shell red, white marbled, striated. Africa.

b. Imperatorina. Mouth subquadrate, oper. oblong or ovate.

8. UVANILLA, *Gray*. Oper. flat, with two distinct convex radiating ribs, lower one straight and nearly parallel to the edge, upper arched, subcentral, axis imperforate, callous. 1. *U. olivaceus*. Trochus o., *Gray*. 2. *U. unguis*. Trochus u., *Gray*.

3. *U. fimbriatus*. Trochus f., *Quoy*, t. 38. f. 9.

9. CALCAR. Oper. thick, with a slight convexity over the axis, outer edge thin, axis perforated. 1. *C. magnus*, *Chemn*. Trochus Calcar, *Linn*.

2. *C. stellaris*. Trochus s., *Quoy*, t. 39. f. 4.

10. POMAULAX. Oper. flat, with three convex radiating ribs; upper submarginal, axis perforated. 1. *P. undosus*. Trochus u., *Gray*. 2. *P. japonicus*. Trochus j., *Dunker*.

11. GUILDFORDIA. Oper. flat, with a very slight ridge near the



- arched or outer margin. 1. *G. triumphans*. Trochus Guildfordiæ, *Gray*.
2. *G. heliophorus*. *T. imperialis*, *Quoy*, t. 40. f. 1.
12. PACHYPOMA. Oper. oblong, subquadrangular, very convex externally. 1. *P. inæqualis*. Trochus i., *Martyn*. Trochus gibberulus, *Chemn*. 2. *P. cælatus*. Trochus c., *Gmelin*.
13. LITHOPOMA. Oper. ovate, thick, thicker at the end, with a broad thin margin on outer edge. 1. *L. tuber*. Trochus t., *Linn*.
14. IMPERATOR, n. 115. Oper. thin, flat, rather thinner on edge. 1. *I. solaris*.
15. TUBICANTHUS, *Swains*. Oper. ovate, with a slight tubercle over axis, and a single subcentral arched rib. 1. *T. Cookianus*. Trochus C., *Quoy*, t. 40. f. 2.
16. BOLMA. Oper. ovate, suborbicular, convex, with a subcentral tubercle over axis and a broad submarginal spiral rib.
1. *B. rugosus*. Trochus r., *Linn.*; *Joannis*, t. 108. f. 5; *Chiaje*, t. 107. f. 1, 5, t. 43. f. 6.

c. *Eutropiana*. Mouth and oper. ovate.

17. EUTROPIA, n. 116.
1. *E. australis*. Phasianella bulimoides, *Quoy*, t. 41. f. 1, 2. (*Cuvier*, *Anat. Moll.* t. .)

#### Fam. 2. *Liotiade*.

Operculum horny, with an external calcareous coat formed of numerous separate pearl-like shelly particles placed in spiral lines.

1. LIOTIA, n. 136. Shell variced; lips thick. 1. *L. granulosa*. Delphinula g., *Dunker*. 2. *L. Krausii*. Solarium cancellatum, *Kraus*. 3. *L. cancellata*. Delph. c., *Gray*=*D. Cobiensis*, *Reeve*.
2. LIPPISTES, n. 248, part. *Montf.*=*Cyclostrema*, *Leach*. Shell subdiscoidal; mouth round, lips scarcely reflexed. 1. *L. cancellata*. *Cyclostrema* c., *Leach*. 2. *L. evoluta*. Delph. c., *Reeve*.
3. ADEORBIS, n. 140. 1. *A. subcarinatus*. Trochus s., *Montague*.

#### Fam. 3. *Trochidæ*.

Operculum horny, of many gradually enlarging whorls, not covered with a calcareous coat. No frontal fringe between the tentacula.

\* *Operculum circular, many-whorled*.

1. PYRAMIS, n. 117.
1. *P. obeliscus*. Trochus o., *Quoy*, t. 39. f. 3.
2. CARDINALIA, n. 119.
1. *C. clata*. Trochus e., *Quoy*, t. 61. f. 22, 26.

## 3. TROCHUS, n. 120.

1. *T. niloticus*, *Quoy*, t. 43. f. 1.

## 4. POLYDONTA, n. 122.

1. *P.?* *tiarata*. *Trochus t.*, *Quoy*, t. 64. f. 6, 11.
2. *P. sandwichensis*. *Troque sandwichien*, *Eydoux*, t. 107 a. f. 5.  
Frontal appendage distinct, lobed!

5. CLANCULUS, n. 123. Forehead with a toothed crest on each side near tentacula? *C. ornatus*. *Tr. Clanculus*, *Gray*.

1. *C. Pharaonis*. *Trochus Ph.*, *Cuvier*, t. 42. f. 3.
2. *C. patagonicus*. *Trochus p.*, *D'Orb.* t. 48. f. 2.
3. *C.?* *Isabellæ*. *Trochus l.*, *D'Orb.* t. 108. f. 4.
4. *C. limbatus*, *Quoy*, t. 63. f. 1, 6.

## 6. ZIZIPHINUS, n. 124.

1. *Z. vulgaris*. *Tr. ziziphinus*, *Chiaje*, t. 43. f. 3, t. 107. f. 2?
2. *Z. erythroleucos*. *Tr. e.*, *Chiaje*, t. 107. f. 3.
3. *Z. conulus?* *Chiaje*, t. 107. f. 2.
4. *Z. granulatus?* *Chiaje*, t. 43. f. 2.
5. *Z. diaphanus*. *Trochus d.*, *Quoy*, t. 64. f. 1-5.

## 7. CANTHIRIDUS, n. 125.

1. *C. irisidontes*. *Trochus i.*, *Quoy*, t. 125. f. 8.

## 8. MONODONTA, n. 127.

1. *M.?* *osilin*, *Desh.* *Osilin*, *Adanson*, t. 43. f. 7, 8.
2. *M. tæniata*. *Trochus t.*, *Quoy*, t. 63. f. 15, 17.
3. *M. canalifera*. *Trochus c.*, *Quoy*, t. 64. f. 26, 29.

## 9. LABIO, n. 128.

1. *L. fagaroides*. (No name), *Chiaje*, t. 42. f. 7.
2. *L. —?* (No name), *Chiaje*, t. 108. f. 6.
3. *L. constrictus*. *Trochus c.*, *Quoy*, t. 63. f. 23, 27.
4. *L. striolatus*. *Trochus s.*, *Quoy*, t. 63. f. 18, 22.
5. *L. zelandicus*. *Trochus z.*, *Quoy*, t. 64. f. 12, 15.
6. *L. cingulatus*. *Trochus c.*, *Quoy*, t. 64. f. 16, 20.

10. CHLOROSTOMA, n. 129 = Oxysteles, *Philippi*, 1847.

1. *Ch. merula*. *Trochus m.*, *Chiaje*, t. 42. f. 8.

## 11. HELICINA, n. 130.

1. *H. lineolata*. *Rotella l.*, *Kiener*, t. 107. f. 6; *Quoy*, t. 38. f. 7, 8.

12. LIVONA, n. 132. *Cuvier*, *Anat.* p. 11.

1. *L. Pica*. *Turbo P.*, *Cuvier*, t. 41. f. 7.

## 13. CYCLOSTOMA, n. 135.

1. *C. Delphinus*. *Delphinula laciniata*, *Quoy*, t. 43. f. 4, 5; *Kiener*, t. 107. f. 7.
2. *C. nigrum*. *Dauphinule noire*, *Eydoux*, t. 107 a. f. 1.

## 14. GIBBULA, n. 137.

1. *G. cineraria*. *Trochus c.*, *Müller*, t. 42. f. 5, 6.
2. *G. —?* *Chiaje*, t. 42. f. 9.

3. G. —? *Chiaje*, t. 42. f. 2.
4. G. ?? —. *Cuvier*, t. 42. f. 4.
5. G. —? *Chiaje*, t. 42. f. 1.
6. G. —? —, t. 51. f. 1, 2.

15. PHILIPPICA, n. 142. 1. P. lutea. Solarium l., *Philippi*, *Moll. Sicil.* i. 174.

\*\* *Operculum ovate, few-whorled.*

16. ARADASIA =? *Otavia*, n. 131. Operculum ovate, of few rapidly enlarging whorls; lateral filaments (4·4) elongate; shell scarcely pearly.—*Quoy*. 1. A. canaliculata. Trochus c., *Quoy*, t. 64. f. 21, 23.

Fam. 4. *Stomatellidæ*, Syn. B. M. 1842.

Operculum horny; whorls many, gradually enlarging; sometimes wanting. Frontal lobes between the tentacula two, distinct, lobed. Mantle and shell entire; sides without filaments. Gill single, lateral fringe membranaceous, without tentacula. Teeth, *Quoy*, t. 66\*. f. 19.

1. STOMATELLA, n. 143. Operculum horny, circular, many-whorled; mantle edge crenated.
1. S. maculata, *Quoy*, t. 109. f. 1, 3.
2. GENA, n. 145. Operculum none; shell elongate ear-shaped; mantle edge entire.
1. G. lutea. *Stomatella auricula*, *Quoy*, t. 109. f. 5.
2. G. nigra. *Stomatella n.*, *Quoy*, t. 109. f. 4.

Fam. 5. *Haliotidæ*.

Operculum none; frontal lobes none? Mantle with a slit and shell with a series of holes on pillar side. Gills 2, separate on pillar side.

1. HALIOTIS, n. 147.
1. H. tuberculata, *Cuvier*, t. 109. f. 6, t. 110. f. 5; *Chiaje*, t. 109. f. 2, 2 a; *Welb.* t. 110. f. 7.

b. *Sides without membranous fringe or tentacula. Shell not pearly.*

Fam. 6. *Neritinidæ*.

Teeth, central few, with numerous lateral hooks, like the former families.—*Lovèn*, t. 6. f. 5.

a. *Operculum horny, with a shelly coat on each side; edge channeled.*

1. NERITA, n. 161.
1. N. plicata, *Quoy*, t. 45. f. 6.
2. N. albicella, *Quoy*, t. 45. f. 5.
3. N. exuvia, *Cuvier*, t. 44. f. 7.
4. N. —. *Dunar*, *Adanson*, t. 44. f. 5, 6.
5. N. ascensionis, *Quoy*, t. 44. f. 4.

6. *N. versicolor*, Quoy, t. 44. f. 2, 3.
7. *N. punctata*, Quoy, t. 44. f. 1.
8. *N. polita*, Quoy, t. 45. f. 8.
9. *N. —?*, Lamarck, MSS. t.
10. *N. lineata*, Quoy, t. 265. f. 4.

b. *Operculum solid, shelly, with a thin flexible edge.*

2. *NERITELLA*, n. 164 = *Lamphrostoma*, Rafin. Oper. as large as mouth of shell.

1. *N. pulligera*. Nerit. p., Quoy, t. 45. f. 4.
2. *N. reticulata*. Nerit. r., Quoy, t. 45. f. 1.
3. *N. brevispina*. Nerit. b., Quoy, t. 45. f. 2.
4. *N. communis*. Nerita c., Quoy, t. 45. f. 3.
5. *N. strigillata*. Nerita s., Quoy, t. 45. f. 7.
6. *N. amphibia*. Nerita a., Lesson, t. 45. f. 9.
7. *N. virginica*. Nerita v., D'Orb. t. 128. f. 3.
8. *N. Georgiana*. Nerita G., Eydoux, t. 106 a. f. 3.
9. *N. Gaimardi*. Nerita G., Eydoux, t. 106 a. f. 2.
10. *N. Michaudi*. Nerita M., Eydoux, t. 106\*. f. 1.
11. *N. picea*. Nerita p., Eydoux, t. 106\*. f. 4.
12. *N. vestita*. Nerite vêtue, Eydoux, t. 106 a. f. 5.
13. *N. Goldii*. Nerita G., Eydoux, t. 106 a. f. 7.
14. *N. iudica*. Nerita i., Eydoux, t. 106 a. f. 8.
15. *N. rugosa*. Nerita r., Eydoux, t. 106 a. f. 6.
16. *N. tahitensis*. Nerita t., Eydoux, t. 106 a. f. 10.
17. *N. Nuttalli*. Nerita N., Eydoux, t. 106 a. f. 9.

3. *CATILLUS*, n. 165. Oper. small, rudimentary.

1. *C. porellanus*. *Navicella elliptica*, Blainv. t. 46. f. 5, 6; Quoy, t. 46. f. 12, 34.

## Sect. 2. *Edriophthalma*.

*Eyes sessile, or on a slightly raised tubercle on the outer side of the base of the tentacula. Shell (adult) symmetrical conical, not spiral; not pearly internally. Operculum noue.*

A. *Gills 2, symmetrical on back of neck.*

### Fam. 7. *Fissurellidæ*, p. 146.

Foot dilated; upper side with a series of short tentacles. Body and shell short, broad, conic. Gills 2, separate, symmetrical. Teeth like *Trochidæ*.

a. *Shell external or partly naked.*

1. *SCUTUS*, n. 152 = *Dascinus*, Rafinesque, 1815. (Teeth, Quoy, *Voy. Astrol.* t. 69. f. 10.)

1. *S. Unguis*. *Parmophorus australis*, Quoy, t. 111.
2. *S. elegans*. *P. australis*, Rüppell, t. 43\*. f. 6, 7.

2. *EMARGINULA*, n. 153. Operculum rudimentary, Lovèn.

\* *Mantle inclosed.*

1. *E. fissura*. *Patella f.*, Müller, t. 70. f. 9; *Chiaje*, t. 113. f. 5, t. 70. f. 4. Var. *E. rosea*, Forbes, B. M. t. BB. f. 1, 2, 3.
2. *E. elongata*, Philippi, t. 110. f. 3.

\*\* *Mantle much expanded, partly covering the shell.*

3. E. Cuvieri, *Aud. Savigny*, t. 114. f. 8; *Cuvier*, t. 114. f.

3. PUNCTURELLA, n. 155.

1. P. Noachina, *Forbes & Hanley*, *Brit. Moll.* t. BB. f. 4, 5, 6.

4. FISSURELLA, n. 156.

\* *Mantle inclosed.*

1. F. costata, *Lesson*, t. 43\*. f. 1-4.  
 2. F. radiosa, *Lesson*, t. 43\*. f. 5, t. 113. f. 1.  
 3. F. græca? *Chiaje*, t. 112. f. 1, t. 113. f. 6, 7. *Young*, *Chiaje*, t. 113. f. 4.  
 4. F. patagonica, *D'Orb.* t. 113. f. 2.  
 5. F. maxima, *D'Orb.* t. 113. f. 3.

\*\* *Mantle reflexed on edge of shell.*

6. F. Cuvieri, *Cuvier*, t. 110. f. 6.

b. *Shell permanently covered by the mantle.*

5. FISSURELLIDÆA, n. 158.

1. Fissurellidæa hiatula. F. megatrema, *D'Orb.* t. 112. f. 2.

6. PUPILLIA, n. 159.

1. P. apertura. Pupillæa aperta, *Kraus*, t. 269. f. 5.

7. LUCAPINA, n. 160. 1. L. cancellata. 2. L. crenulata.

Fam. 8. *Dentaliadæ*, p. 158.

Foot small, conical; sides simple. Body and shell elongate conical; apex pierced.

1. DENTALIUM, n. 277.

1. D.? semistriolatum, *Linn. Trans.* t. 115. f. 4; *Chiaje*, t. 115. f. 3.

2. ENTALIS, n. 278.

1. E. vulgaris. Dentalium E., *Deshayes*, t. 116; *Johnston*, *MSS.* t. 115. f. 2.

B. *Gill single, on side of the back of the neck. Foot with a simple impressed groove. Teeth few, subequal, in pairs.*

Fam. 9. *Tecturidæ*, p. 158.

Teeth, central 2, with 2 lateral on each side in an oblique line, inner one often larger. Gill single, on side of the back of the neck. = *Patella* b., *Lovén*.

1. TECTURA, n. 275.

1. T. parva. *Patella virginea*, *Müller*, t. 70. f. 7, t. 110\*. f. 7.  
 ? 2. T. tessellata. *Patella* t., *Müller*, t. 70. f. 6.  
 3. T. testudinalis, *Forbes & Hanley*, t. 268. f. 2.  
 4. T. cassis. *Acmæa* c., *Eschsch.* t. 114. f. 8.  
 5. T. flammea. *Patelloida* fl., *Quoy*, t. 114. f. 5.  
 6. T. fragilis. *Patelloida* fr., *Quoy*, t. 114\*. f. 7.

7. *T. striata*. Patelloida s., *Quoy*, t. 114\*. f. 6.
8. *T. stellaris*. Patelloida s., *Quoy*, t. 114\*. f. 4.
9. *T. conica*. Patelloida c., *Quoy*, t. 114\*. f. 2.
10. *T. punctata*. Lottia p., *D'Orb.* t. 114\*. f. 3.
11. —, *Müller*, *Z. D.* t. 110\*. f. 9.

2. *SCURRIA*, n. 276.

1. *S. mitra*. *Acmaea* m., *Eschsch.* Lottia *Scurria*, *D'Orb.* t. 114. f. 1.

Fam. 10. *Lepetidæ*.

Tooth, central single, with two hook-like teeth on each side. Gills none? or 2 pinnate on back of neck. *Patellea* c., *Lovèn*.

1. *LEPETA*, n. 406 = Propilidium and Pilidium, pars, and Iothia, pars, *E. Forbes*, 1849.
1. *L. cæca*, *Müller*, t. . Propilidium ancyloide, *Forbes*, t. 268. f. 4.
2. *IOTHIA*, pars, *Forbes*, *Athenæum*, 1849. Pilidium, *Forbes*, *Brit. Moll.*
1. *Iothia fulva*. *Patella fulva*, *Müller*, t. 70. f. 5. Pilidium fulvum, *Forbes*, t. 268. f. 3.

Fam. 11. *Gadiniadæ*.

Gill single, obliquely across the back of the neck. Tentacula expanded, forming a funnel-shaped expansion. Eyes sessile. Shell conical, muscular impression horseshoe-shaped, marginal, with a groove (for the vent) in the front of the right side of the scar. Teeth —?

1. *GADINIA*, n. 513 = *Liria*, *Gray*. 1. *G. Garnoti*. Pileopsis *Garnoti*, *Philippi* (*Wiegmann*, *Arch.* 1839, t. 3. f. 3).

c. Gill on the inner surface of the mantle, forming a more or less complete ring just beneath the margin. Side of foot with a sunken groove.

Fam. 12. *Patellidæ*, p. 168.

Shell simple, conical. Teeth, central two pair, with 4 lateral, one on each side; inner one larger and lower down. *Patellea* a., *Lovèn*.

1. *PATELLA*, n. 402.

1. *P. compressa*, *Quoy*, t. 70. f. 1.
2. *P. granularis*, *Quoy*, t. 70. f. 2.
3. *P. scutellaris*, *Quoy*, t. 70. f. 3.
4. *P. cærulea*, *Desh.* t. 70. f. 8.
5. *P. vulgata*, *Cuvier*, t. 70. f. 10; *Chiaje*, t. 70\*. f. 1, 2? 6?, t. 110\*. f. 3, t. 110\*. f. 1, 2, 4, 5, 8; *Fleming*, t. 110\*. f. 6.
6. *P. pyramidata*, *Joannis*, t. 70\*. f. 3.
7. *P. zebrina*, *D'Orb.* t. 70\*. f. 7.
8. *P. crenata*, *D'Orb.* t. 110. f. 2.
9. *P. Lowei*, *D'Orb.* t. 110. f. 1.

2. *NACELLA*, n. 403.

1. *N. cærulea*. *P. pellucida*, *Müller*, t. 70. f. 4; *Forbes & Hanley*, t. 268. f. 1.

Fam. 13. *Chitonidæ*, p. 168.

Shells 8, forming an imbricate series on the middle of the back. Gills in two series, one on each side the hinder part of the body.

## 1. LOPHURA, n. 407.

1. L. Inca. Chiton I., *D'Orb.* t. 208. f. 2.
2. L. Pellis serpentis. Chiton P., *Quoy*, t. 189. f. 6, t. 208. f. 6.
3. L.? — Ch., *Savigny, Egypt*, t. 209. f. 1.
4. L.? — Chiton, *Savig. Egypt*, t. 209. f. 3.
5. L. tehuelcha. Chiton t., *D'Orb.* t. 207. f. 3.
6. L. Isabella. Chiton I., *D'Orb.* t. 207. f. 1.
7. L.? islandica. Chiton i., *Thienemann, MSS.* t. 154. f. 5.

## 2. COREPHIUM, n. 416.

1. C. —? *Cuvier*, t. 154. f. 6.
2. C.? asellus, *Forbes & Hanley*, t. 268. f. 5.
3. C.? ruber, *Forbes & Hanley*, t. 268. f. 6.

3. ACANTHOCHETES, n. 425. Acanthochitona, *Gray*, 1821.  
Helminthochiton, sp., *Salter*, 1846.

1. A. fascicularis, *Savigny, Egypt*, t. 209. f. 2.
2. A. fascicularis. Chiton f., *Philippi*, t. 154. f. 2; *Deshayes*, t. 207. f. 6.
3. A. monticularis. Chiton m., *Quoy*, t. 207. f. 4, t. 208. f. 1.
4. A. zelandicus. Chiton z., *Quoy*, t. 207. f. 2.
5. A. violaceus. Chiton v., *Quoy*, t. 208. f. 3.
6. A. Garnotii. Chiton G., *Quoy*, t. 207. f. 5.
7. A. —? *Krusenstern*, t. 154. f. 4.

4. CHITONELLUS, n. 426. Helminthochiton, sp., *Salter*, 1846.

1. Ch. fasciatus, *Quoy*, t. 208. f. 5.
2. Ch. larviformis. Chiton l., *Blainv.* t. 208. f. 4.

Subclass II. *Respiratory organs variously formed. Gill exposed, or only slightly covered by a fold of the mantle, or in the form of a lung-like cavity. Hermaphrodite, with reciprocal impregnation.* Heterobranchiata, *Gray*, 1840. Opisthobranchiata, *M.-Edw.* 1846.

## Order III. PLEUROBRANCHIATA.

Gill forming a tuft on the side under a fold of the mantle. Animal hermaphrodite, with reciprocal impregnation. Shell spiral. Adult and larva shell bearing larvæ furnished with deciduous cephalic fins.

A. Normal. *Gill on side of back under fold of the mantle. Animal and foot elongate, for walking.*

1. *Organs of generation far apart, united by a groove. Tectibranchia, Rang.*

Fam. 1. *Philinidæ*.

Teeth, central none, lateral 1 or 2, large, hooked. Tentacula forming a square frontal disk with lobes.



\* *Shell covered.*

## 1. DORIDIUM, n. 298.

1. *D. marmoratum*. *Acera marmorata*, *Cantr.* t. 131. f. 3. *D. aplysiæforme*, *Chiaje*, t. 131. f. 2. *Eidothea marmorata*, *Risso (Eur. Merid.* t. 1. f. 17).
2. *D. Meckelii*, *Chiaje*, t. 132. f. 1. *D. membranaceum*, *Meckel. Aceres*, *Cuv.* t. 132. f. 1 a.

## 2. PHILINE, n. 299.

1. *P. aperta*. *Lobaria quadriloba*, *Müller*, t. 60\*. f. 2. *Bullæa a.*, *Cuvier*, t. 60. f. 5, t. 175. f. 6; *Chiaje*, t. 132. f. 6.
2. *P. —*, n. s. Borneo, *Adams*, t. 175. f. 5.
3. *P. —*, n. s. West Indies, *Guild.* t. 132. f. 4.
4. *P. granulosa*, *Sars*, t. 60\*. f. 4.

## 3. HIRUNDELLA.

1. *H. hirundinaria*. *Bulla h.*, *Quoy*, t. 60. f. 1.

\*\* *Shell exposed.*

## 4. CRYPTOPHTHALMUS, n. 300.

1. *C. smaragdina*, *Ehrenb.* t. 60. f. 3, 4, 5, 6. Var. *Rüppell*, t. 60\*. f. 9.

## 5. SCAPHANDER, n. 301.

1. *S. lignarius*. *Bulla l.*, *Chiaje*, t. 60\*. f. 5.
2. ? *B. —*, *Cantr.* t. 132. f. 3.

## 6. GLAUCONELLA.

1. *G. viridis*. *Bulla v.*, *Quoy*, t. 59. f. 5.
2. *G. glauca*. *Bulla g.*, *Quoy*, t. 59. f. 3.
3. *G. Adamsii*. *Bulla smaragdina*, *Adams, MSS.* t. 178. f. 1.

## 7. XANTHONELLA.

1. *X. lutea*. *Bulla l.*, *Quoy*, t. 59. f. 8.

## 8. ALICULA, n. 302.

## 9. ? RHIZOPHORUS, n. 305. Teeth, central 1, lateral 1·1.

## 10. ? GASTROPTERON, n. 313. Teeth —?

1. *G. Meckelii*, *Blauv.* t. 60\*. f. 8; *MSS.* t. 131. f. 1. *Clio amate*, *Chiaje*, t. 132. f. 9. 1; *Cantraine*, t. 132. f. 10.

## 11. ? ATLAS, n. 314.

1. *A. Peronii*, *Lesueur*, t. 257. f. 3.

Fam. 2. *Bullinadæ.*

Teeth, central none, lateral 6·6, inner ones large, hooked, outer ones uniform, small (rarely wanting). Tentacula broad, lateral, recumbent, transverse. Foot short. Shell exposed.

## 1. BULLINA, n. 304.

1. *B. ? —*, n. s. Borneo, *Adams*, t. 178. f. 4.

Fam. 3. *Bullidæ*.

Teeth, central 1, lateral numerous, uniform, in an arched series. Tentacular frontal disk expanded, nicked behind.

## 1. AKERA, n. 303.

1. *A. bullata*. *B. akera*, Müller, t. 60\*. f. 7. ? *B. fragilis*, Blainv. t. 60\*. f. 6.
2. *A. —*, n. s. Borneo, Adams, t. 178. f. 2.

## 2. BULLA, n. 307.

1. *B. ampulla*, Adams, t. 178. f. 3.
2. *B. ovoidea*, Quoy, t. 59. f. 4.
3. *B. glauca*, Quoy, t. 59. f. 3.
4. *B. striata*, Quoy, t. 60. f. 2; Wiegmann, t. 175. f. 4.
5. *B. Columni*, Chiaje, t. 59. f. 1.
6. *B. Hydatinella*. *B. Hydatis*, Chiaje, t. 60\*. f. 3.

## 3. HAMINEA, Leach. Bulla, n. 307, pars.

1. *H. hydatis*? *D'Orb.* t. 60. f. 1, 2. Bulla h., Chiaje, t. 60\*. f. 2.
2. *H. —*. Bulla aperta? Guild. t. 132. f. 4.
3. *H. ? —*, n. s., Adams, t. 178. f. 5.

Fam. 4. *Amplustridæ*.

Teeth, central none, lateral numerous, uniform. Tentacular frontal disk produced into ear-like tentacular lobes. Front of aperture of shell more or less channeled.

## 1. AMPLUSTRUM, n. 309.

1. *A. aplustre*, Quoy, t. 59. f. 2. *B. banderole*, Eydoux, t. 175. f. 1.

## 2. HYDATINA, n. 310.

1. *H. Physis*, Templeton, t. 262. f. 1; Adams, t. 175. f. 3; Quoy, t. 59. f. 7; Eydoux, t. 175. f. 2.

## 3. BULLINULA, n. 311.

1. *B. undata*, Quoy, t. 59. f. 6.
2. *B. —*. Bullæa, Chiaje, t. 132. f. 5.

Fam. 5. *Aplysiadæ*.

Teeth, central 1, lateral numerous, similar. Tentacula separate, ear-like.

*Shell covered by the mantle.*

1. DOLABELLA, n. 315. Shell uniform, calcareous, triangular; apex callous.

\* *Warty.*

1. *D. callosa*, Cuvier, t. 137. f. 2. *D. Rumpbii*, Rang, t. 135; Quoy, t. 134. f. 1.
2. *D. —*, Rang, t. 133.
3. *D. —*, n. s. Ceylon, Templeton, t. 207. f. 2.

\*\* *Smooth.*

4. *D. ecaudata*, *Rang*, t. 136. f. 2.
5. *D. Tongensis* (*Aplysia* de Tonga), *Quoy*, t. 137. f. 1.

\*\*\* *Shell elongate.*

6. *D. temnida*, *Rang*, t. 136. f. 1; *Templeton*, t. 270. f. 1.
  2. **DOLABRIFERA**, n. 316. Shell calcareous, trapeziform; apex produced.
    1. *D. Dolabrifera*, *Rang*, t. 149. f. 1.
    2. *D. ascifera*, *Rang*, t. 149. f. 3.
    3. *D.* — (A. Oahou), *Eydoux*, t. 220. f. 5.
3. **APLYSIA**, n. 317. Shell subcartilaginous, ovate; apex acute.
  1. *A. depilans*, *Rang*, t. 138. f. 1, t. 142. f. 1; *Blainv.* t. 142. f. 2. Jun.? *Esmia Griffithsia*, *Leach*, t. 268. f. 13. Young from eggs, *Quatrefages*, t. 154. f. 1.
  - 1\* *A. virescens*, *Risso*, t. 61. f. 3.
  2. *A. punctata*, *Cuvier*, t. 139. f. 1; *Rang*, t. 140. f. 1; *Guérin*, t. 177. f. 5; *Philippi*, t. 146. f. 2.
  3. *A. Lepus*, *Philippi*, t. 146. f. 3.
  4. *A. marginata*, *Philippi*, t. 146. f. 1.
  5. *A. ocellata*, *D'Orb.* t. 148.
  6. *A. rosea*, *Rang*, t. 138. f. 2.
  7. *A. Lessonii*, *Rang*, t. 139. f. 2.
  8. *A. brasiliana*, *Rang*, t. 140. f. 2.
  9. *A. Keraudrenii*, *Rang*, t. 141. f. 2.
  10. *A. fusca*, *Rang*, t. 141. f. 1.
  11. *A. maculata*, *Rang*, t. 142\*. f. 1.
  12. *A. fasciata*, *Rang*, t. 142\*. f. 3.
  13. *A. Inca*, *D'Orb.* t. 144. f. 1; t. 61\*. f. 2.
  14. *A. dactylomela*, *Rang*, t. 144. f. 2.
  15. *A. protea*, *Rang*, t. 144. f. 1.
  16. *A. Camelus*, *Rang*, t. 145. f. 1.
  17. *A. alba*, *Rang*, t. 145. f. 2.
  18. *A. Sicula*, *Swain.* t. 147. f. 3.
  19. *A. nigra*, *D'Orb.* t. 147. f. 1.
  20. *A. Sorex*, *Rang*, t. 149. f. 8.
  21. *A. Ferussacii*, *Rang*, t. 149. f. 7.
  22. *A. longicornis*, *Rang*, t. 149. f. 4.
  23. *A. marmorata*, *Rang*, t. 149. f. 6.
  24. *A. lurida*, *D'Orb.* t. 61\*. f. 1.
  25. *A. Rangiana*, *D'Orb.* t. 61\*. f. 3.
  26. *A. Julienna*, *Quoy*, t. 61. f. 1.
  27. *A. Tigrinella*. *A. Tigrina*, *Rang*, t. 61\*\*. f. 4.
  28. *A. petalifera*, *Rang*, t. 149. f. 5.
  29. *A. linguifera*, *Rang*, t. 149. f. 2.
  30. *A. Argus*, *Rüppell*, t. 143. f. 2; ? *Templeton*, t. 270. f. 3, 4.
  31. *A. Brignatelli*, *Webb*, t. 142\*. f. 4.
  32. *A. Webbia*, *Van Beneden*, t. 142\*. f. 2.
  33. *A. depressa*, *Cantraine*, t. 147. f. 4.
  34. *A. Dumortieri*, *Cantr.* t. 147. f. 3.
  35. *Aclesia limacina*, *Rang*, t. 151. f. 2.
  36. *Aplysia Lepus*. *Dolabella Lepus*, *Risso* (*Europ. Merid.* t. f. ).
  37. *Aplysia neapolitana*, *Chiaje*, t. 3. f. 2.

4. NOTARCHIUS, n. 318. Foot linear, narrow. Shell none.

1. *N. Cuvieri*, *Cuvier*, t. 53. f. 3; *Blainville*, t. 152. f. 3, t. 153. f. 3; *Chiaje*, t. 153. f. 1.
2. *N. gelatinosus*, *Rang*, t. 153. f. 2. *Aplysia* g., *Quoy*, t. 61. f. 2.
3. *N. punctatus*, *Philippi*, t. 153. f. 5.
4. *N. ocellatus*, *Rang*, t. 152. f. 2.
5. ? *N. (Bursiris) griseus*, *Risso*, t. 198. f. 8.

5. BURSATELLA, n. 319. Shell none.

1. *B. Leachii*, *Blainv.* t. 153. f. 4. *Aclesia Savigniana*, *Rang*, t. 150.
2. *B. laciniatus* (*Notarchus* l.), *Rüppell*, t. 152. f. 1.
3. *B. Pleii* (*Aclesia* P.), *Rang*, t. 151. f. 1.

6. ACLESIA, n. 319\*.

1. *A. longicauda*, *Rang*, t. 151. f. 4.
2. *A. undata*, *Rang*, t. 152. f. 5.
3. *A. citrina*, *Rang*, t. 151. f. 6.
4. *A. viridis*, *Rang*, t. 151. f. 6.
5. *A. rufa* (*Aplysia* r.), *Quoy*, t. 61. f. 5.
6. *A. striata* (*Aplysia* s.), *Quoy*, t. 61. f. 3.
7. *A. cirrigera* (*Aplysia* c.), *Quoy*, t. 61. f. 1.
8. *A. ocellata* (*Pacobranchus* o.), *Adams*, t. 179. f. 2.
9. *A. Euclorus* (*Pacobranchus* E.), *Adams*, t. 179. f. 1.

2. *Organs of generation close together in one tubercle.*

Fam. 6. *Lophocercidæ.*

Tentacula 2, ear-like. Eyes ——. Gill regular, pectinate. Male organ on right side of nape, near tentacle (*Ann. Sci. Nat.* 1847, p. 59).

1. LOPHOCERCUS, n. 321.

1. *L. Sieboldii*, *Krohn*, t. 176. f. 3.

2. LOBIGER, n. 322.

1. *L. Philippii*, *Krohn*, t. 176. f. 1.

Fam. 7. *Pleurobranchidæ.*

\* *Shell external.*

1. UMBRELLA, n. 323.

1. *U. umbellata*. *U. chinensis*, *Blainv.* t. 163. f. 1, 2. *U. indica*, *Gray*, t. 163. f. 4; *Eydoux*, t. 165.
2. *U. mediterranea*, *Chiaje*, t. 163. f. 3; *Cuvier*, t. 164.

2. TYLODINA, n. 324. Perhaps allied to *Pyramidellidæ.*

1. *T. punctata*, *Philippi*, t. 103. f. 7. *T. citrina*, *Joannis*, t. 103. f. 1.

\*\* *Shell covered by the mantle.*

3. PLEUROBRANCHUS, n. 325=(BERTHELLA, n. 326.)

\* *Shell large.*

1. *P. Peronii*, *Cuv.* t. 167. f. 8; t. 167. f. 1, in spirits; *Quoy*, t. 167. f. 6, alive.

2. *P. plumula*, *Berthella porosa*, *Blainv.* t. 167. f. 4.
3. *P. perforatus*, *Philippi*, t. 171. f. 4.
4. *P. aurantiacus*, *Risso*, t. 167. f. 9, t. 167. f. 5; *Cantraine*, t. 174. f. 1; *Philippi*, t. 167. f. 3.
5. *P. De Haanii*, *Cantraine*, t. 167. f. 2.
6. *P. brevifrons*, *Philippi*, t. 171. f. 3.
7. *P. —*. — t. 169. f. 1.
8. *P. patagonicus*, *D'Orb.* t. 171. f. 1.
9. *P. cornutus*, *Quoy*, t. 174. f. 2.
10. *P. punctatus* (*Quoy, Voy. Ast.* t. 22. f. 15, 19).
11. *P. tuberculatus*, *Meckel*.
12. *P. stellatus*, *Risso*.
13. *P. ocellatus*, *Chiaje*.
14. *P. —*. *Rüppell*, t. 3. f. 2; t. 166. f. 1. *Lepus marinus*, *Forskael*, t. 169. f. 5.
15. *P. Blainvillii*, *Lesson*, t. 172. f. 1.
16. *P. mammillatus*, *Quoy*, t. 174. f. 4.

\*\* *Shell very small.*

17. *P. testudinarius*, *Philippi* (*Moll. Sicil.*) t. 20, 21. f. 1.
18. *P. mammillatus*, *Philippi*, not *Quoy*.
19. *P. Forskalii*, *Chiaje*, t. 169. f. 4.
20. *P. tuberculatus*, *Chiaje*, t. 172. f. 2.
21. *P. reticulatus*, *Rang*, t. 169. f. 3.

\*\*\* *Shell narrow, shelly?*

22. *P. oblongus*, *Savigny*, t. 170, 173. f. 1.

4. **OSCANIUS**, n. 325\*. Mantle expanded, irregular.

1. *O. membranaceus*. *Lamellaria m.*, *Moutague*, t. 103. f. 12.
2. *O. Lesueurii*. *Pleurobranchus L.*, *Blainv.* t. 166. f. 2.
3. *O. humiceps*. *Pleurobranchus l.*, *Cuvier*, t. 167. f. 2.

5. **PLEUROBRANCHÆA**, n. 327.

1. *P. Meckeli*, *Blainv.* t. 168. f. 1; *Cuvier*, t. 168. f. 3; *Chiaje*, t. 173. f. 2; *Cantraine*, t. 173. f. 3, from life. *Pleurobranchidium della Chaii*, *Verany*, t. 220. f. 3, young.
2. *P. maculata*. *Pleurobranchidium m.*, *Quoy (Voy. Astrol.)* t. 22. f. 12.

6. **POSTEROBRANCHÆA**, n. 318.

1. *P. maculata*, *D'Orb.* t. 168. f. 2.

b. *Gill on the inner edge of the front of the side of the mantle. Foot small. Animal formed for floating. Allied to the Ptenobranchiata, but the gills are not regularly comb-like, but tufted, as in this Order.*

a. *Foot compressed, erect, fin-like, with a small flat disk on the hinder edge. Body and shell spiral or subspiral. Teeth, central 1, lateral 3:3, elongate, unequal. Heteropodes, Lank.*

Fam. 8. *Pterotracheidæ*, p. 168.

Body elongate, transparent. Gill, &c. in a small prominent bag, naked, or covered with a thin subspiral shell. Operculum none. Organs of generation in a common tubercle.

1. ANOPS, *D'Orb.* n. 331. Tentacula none; eyes none; head indistinct; shell none.
1. A. Peronii, *D'Orb.* t. 62. f. 2.
2. PTEROTRACHEA, *Forsk.* n. 332. Tentacula none; eyes 2; shell none.
- \* Tail conical, keeled.
1. P. coronata, *Forsk.* t. 158. f. 3, t. 156. f. 1; *Philippi*, t. 159. f. 1; *Chiaje*, t. 157. f. 1. P. aculeata, *Forsk.* t. 158. f. 5, t. 158. f. 1, 2. Tail only, Firola Cuviera, *Peron & Lesueur*, t. 160. f. 4; *Blainv.* t. 155. f. 7. F. Peronia, *Peron & Lesueur*, t. 160. f. 8. F. gibbosa, *Peron & Lesueur*, t. 160. f. 2. F. Forskalia, *Peron & Lesueur*, t. 160. f. 3. F. junior, *Quoy*, t. 62. f. 6, t. 156. f. 2.
2. P. Frederica, *Lesueur*, t. 160. f. 5; *Chiaje*, t. 157. f. 2.
3. P. Hippocampus, *Philippi*, t. 155. f. 5.
- 3\*. P. mutica, *Lesueur*, t. 160. f. 1. P. hyalina, *Forsk.* t. 55. f. 2.
4. P. pulmonata, *Forsk.* t. 158. f. 4.
5. P. Edwardsii, *Desh.* t. 159. f. 2.
6. P. hyalina, *Chiaje*, t. 157. f. 3, var. preceding?
7. P. Lesueurii, *Risso*, t. 159. f. 4, var. preceding?
8. P. Keraudrenii. Firola K., *Eydoux*, t. 238. f. 2.
9. P. Quoyana. Firola Q., *D'Orb.* t. 62. f. 1.
- 9\*. P. — (Firole rouse), *Voy. Uran.* t. 87. f. 2.

\*\* Tail short. Firoloida.

10. P. aculeata. Firoloida a., *Lesueur*, t. 155. f. 9.
11. P. Blainvilleana. Firoloida B., *Lesueur*, t. 155. f. 1.
12. P. Desinarestia. Firoloida D., *Lesueur*, t. 155. f. 8; *Eydoux*, t. 238. f. 1.
13. P. Eydouxii. Firole de Lesueur, *Eydoux*, t. 238. f. 3.
14. P. —. *Hooker*, t. 155. f. 3.

3. CEROPHORA, n. 333. Tentacula 2, elongate; eyes 2; shell none.

1. C. Lesueurii, *D'Orb.* t. 62. f. 4.
2. C. Gaimardii, *D'Orb.* t. 62. f. 3, not cop.

4. CARDIAPODA, n. 334. Tentacula 2; shell cartilaginous, regularly involute.

1. C. pedunculata, *D'Orb.* t. 62. f. 5.
2. C. carinata, *D'Orb.* t. 62. f. 7.
3. C. caudina. Firola c., *Rang*, t. 155. f. 8. Carinairoide c., *Eydoux*, t. 239. f. 3; ? *Hooker*, t. 155. f. 4?
4. C. placenta. Carinairoide p., *Eydoux*, t. 239. f. 1.
5. C. —? —? t. 156. f. 3.

5. CARINARIA, n. 335. Tentacula 2; shell glassy, thin.

1. C. mediterranea, *Peron, Blainv.* t. 63. f. 1. Pterotrachea Lophyra, *Chiaje*, t. 161. f. 2, t. 63. f. 3. C. cymbium, *Desh.* t. 161. f. 1. C. vitrea, *Costa*, t. 154. f. 2. Pterotrachea, *Cuv.* t. 159. f. 3, without shell.
2. C. Gaudichaudi, *Eydoux*, t. 239. f. 4.
3. C. punctata, *D'Orb. Amér. Mérid.* t. 11. f. 3, 4.
4. C. australis, *Quoy & Gaim.* t. 62. f. 1.
5. C. n. s., *Adams*, t. 239. f. 2.

Fam. 9. *Atlantidæ*, p. 148.

Body spiral, inclosed in a shell. Operculum calcareous.

1. OXYGYRUS, n. 174. Shell cartilaginous, keeled; nucleus involute, sulcated, chalky; operculum annular.
1. O. Keraudrenii. Atlanta K., *Rang*, t. 117, f. 3, operculum oblong kidney-shaped; *D'Orb.* t. 129. f. 2, t. 117, f. 1, operculum triangular, broad; *Lesueur*, t. 117 c. f. 3; *Eydoux*, t. 240. f. 2. Ladas Keraudrenii, *Cantr.* t. 117 c. f. 6.
2. O. Rangii. Atlanta Rangii, *Eydoux*, t. 240. f. 1 & 4, operculum roundish trigonal.
2. ATLANTA, n. 175. Shell shelly, transparent, keeled; nucleus spiral, smooth; operculum spiral; last whorl very large.
1. A. Peronii, *Lesueur & Blainv.* t. 117 c. f. 1, not correct; *Rang*, t. 117 b. f. 5 (operculum incorrect); *D'Orb.* t. 117 b. f. 2 & 6; *Eydoux*, t. 240. f. 6. A. Keraudrenii, *Quoy*, t. 117 b. f. 4. A. Bivonæ, *Pirajno*.
2. A. Lamanoni, *Eydoux*, t. 240. f. 3.
3. A. inclinata, *Eydoux*, t. 241. f. 1.
4. A. brunnea, *Eydoux*, t. 242. f. 5.
5. A. inflata, *Eydoux*, t. 241. f. 3.
6. A. Gaudichaudi, *Eydoux*, t. 241. f. 4.
7. A. Lesneirii, *Eydoux*, t. 241. f. 6.
8. A. ——. (A. bossue), *Eydoux*, t. 240. f. 5.
9. A. depressa, *Eydoux*, t. 242. f. 4.
10. A. Quoyii, *Eydoux*, t. 242. f. 1.
11. A. rosea, *Eydoux*, t. 241. f. 2.
12. A. helicinoidea, *Eydoux*, t. 242. f. 2.
13. A. involuta, *Eydoux*, t. 242. f. 3.
14. A. turriculata, *D'Orb.*; *Eydoux*, t. 242. f. 6.
15. A. ——, n. s., no. 1, *Hooker*, t. 117 c. f. 7; no. 2, *Hooker*, t. 117 c. f. 2.
3. STEIRA, n. 176. 1. St. Lamanoni, *Eschsch. Isis*, 1825, 734, t. 5. f. 3. Most probably a badly observed *Atlanta*.
- b. Foot small, flat, with a vesicular appendage on the hinder part of the under side. Body and shell spiral. Teeth lateral, numerous, uniform, like Bullidæ. Eyes none. Tentacula bifid. Hermaphrodite, self-impregnating?

Fam. 10. *Ianthinidæ*, p. 148.

Perhaps should be placed in the preceding Order.

1. IANTHINA, n. 173.
1. I. vulgaris, *Lister*, t. 48. f. 1; *Forskuel*, t. 48. f. 5, 6, 7; *Cuvier*, t. 117 a. f. 2; *Lesueur*, t. 117 a. f. 4; *Quoy*, t. 48. f. 2.
2. I. nana, *Quoy*, t. 48. f. 3, 4.



## Order IV. GYMNORRANCHIATA.

Gill exposed or contractile into cavities on the surface of the mantle. Adult animal without any shell. Larva shell-bearing, furnished with deciduous cephalic fins. Animal hermaphrodite, with reciprocal impregnation.

Fam. 1. *Dorididae*=*Doridæ*, p. 164.

Gills surrounding the vent on the middle of the hinder part of the back.

A. *Body convex; mantle convex, covering head and foot, simple.*  
Doridina.

a. *Gills retractile into a common cavity. Tentacula dorsal.*

1. GLOSSODORIS, n. 341. Gills strap-shaped, retractile.

1. *G. verrucosa.* Doris v., *Cuvier*, t. 65. f. 1; *Chiaje*, t. 236. f. 1.
2. *G. Bertholeti.* Dorisdigitata B., *D'Orb.* t. 218. f. 1.
3. *G. D'Orbignii,* *D'Orb.* t. 216. f. 2.

2. ACTINODORIS, n. 342. Gills strap-shaped, cut or forked at the tip, retractile into a common cavity.

1. *A. flammulata.* Doris fl., *Quoy*, t. 234. f. 2.
2. *A. scabra.* Doris s., *Quoy*, t. 66. f. 1.
3. *A. eruenta.* Doris e., *Quoy*, t. 66. f. 3, 4.
4. *A. maculosa.* Doris m., *Quoy*, t. 66. f. 5.
5. *A. fumosa.* Doris f., *Quoy*, t. 216. f. 1.
6. *A. sordida.* Doris s., *Quoy*, t. 213. f. 3.
7. *A. punctata.* Doris p., *Quoy*, t. 64. f. 5.
8. *A. mauritiana.* Doris m., *Quoy*, t. 234. f. 1.
9. *A. Krusensternii,* *Tilesius*, t. 230. f. 5.
10. *A. Tilesii,* *Tilesius*, t. 230. f. 4.
11. *A. tuberculosa.* Doris t., *Quoy*, t. 65. f. 4.

3. ASTERONOTUS, n. 347.

1. *A. eruenta.* Doris e., *Alder, MSS.* t. 226. f. 2. Torres Straits.

4. DENDRODORIS. Gills large, 4- or 5-lobed; lobes doubly pinnate; vent rather behind the gills.

1. *D. tuberculata.* Doris t., *Cuvier*, t. 68. f. 1; *Philippi*, t. 231. f. 11; *Savigny*, t. 233. f. 1; *Rapp*, t. 229. f. 6; *Johnston*, t. 68. f. 8.
2. *D. limbata.* Doris l., *Cuvier*, t. 68. f. 3; *Chiaje*, t. 236. f. 4. *D. virescens,* *Risso*, t. 67. f. 13, —? t. 236. f. 6.
3. *D. setigera.* Doris s., *Rapp*, t. 229. f. 5.
4. *D. glandifera.* Doris g., *Rapp*, t. 229. f. 8; *Chiaje*, t. 236. f. 5.

5. DORIS, n. 344. Gills arborescent, retractile; vent in centre of gills.

1. *D. Argo,* *Blainville*, t. 64. f. 12, from *Savigny*, t. 65. f. 2, t. 233. f. 3. *D. Argus,* *Rapp*, t. 229. f. 7.
2. *D. Johnstonii,* *Alder & Hancock*, t. 215. f. 1. *D. obvelata,* *Johnston*, t. 67. f. 4.
3. *D. obvelata,* *Müller*, t. 67. f. 7. *D. repanda,* *Alder & Hancock*, t. 225. f. 1.
4. *D. flammea,* *Alder & Hancock*, t. 215. f. 3.

5. *D. planata*, *Alder & Hanc.* t. 225. f. 2.
  6. *D. testudinaria*, *Risso*, t. 68. f. 2; *Chiaje*, t. 23. f. 2.
  7. *D. Semele*, *Blainville*, t. 69. f. 8.
  8. *D. punctata*, *Rüppell*, t. 67. f. 7.
  9. *D. fusca*, *Müller*. t. 67. f. 15.
  10. *D. Flemingii*, *Forbes*, t. 67. f. 11.
  11. *D. aurea*, *Quoy*, t. 230. f. .
  12. *D. violacea*, *Quoy*, t. 224. f. 1.
  13. *D. venosa*, *Quoy*, t. 64. f. 8.
  14. *D. impudica*, *Quoy*, t. 64. f. 13.
  15. *D. linacina*, *Quoy*, t. 64. f. 6. Gill in middle of back.
  16. *D. tomentosa*, *Philippi*, t. 231. f. 8.
  17. *D. lævis*, *Müller*, t. 69. f. 6; *Thienemann*, *MSS.* t. 214. f. 6.
  18. *D. sublævis*, *Thompson*, t. 231. f. 9.  
— — ?
  19. *D. sparsa*, *Alder & Hanc.* t. 271. f. .
  20. *D. coccinea*, *Alder & Hanc.* t. 271. f. 1.
  21. *D. nigricans*, *Rapp*, t. 229. f. 1.
  22. *D. —*, *Rüppell*, t. 230. f. 1.
  23. *D. albolimbata*, *Rüppell*, t. 213. f. 2.
  24. *D. tenera*, *Costa*, t. 214. f. 5.
  25. *D. luteo-rosea*, *Rapp*, t. 229. f. 4.
  26. *D. punctata*, *D'Orb.* t. 218. f. 2.
  27. *D. marginata*, *Montag.* t. 223. f. 3.
  28. *D. —*, *Savigny, Egypt*, t. 233. f. 1.  
— — ?
  29. *D. Incii*, *Alder, MSS.* t. 226. f. 1.  
— — ?
  30. *D. candida*, *Rapp*, t. 269. f. 4. Gill in middle of back.
6. ACANTHODORIS. Gill not retractile; tentacula retractile.
1. *A. pilosa*. Doris p., *Müller*, t. 67. f. 6, 10; *Johnston*, t. 67. f. 8.
7. CERATODORIS. Tentacula elongate, filiform, not retractile.
1. *C. eolida*. Doris e., *Quoy*, t. 67. f. 5.
- b. Gills, each retractile into its proper cavity.
8. ONCHIDORIS, n. 349. Mantle strengthened with spicula.
1. *O. Leachii*, *Blainv.* t. 214. f. 1. Doris bilamellata, *Johnston*, t. 67. f. 9; *Leach, MSS.* t. 268. f. 7.
  2. *O. muricata*. Doris m., *Müller*, t. 67. f. 5.
  3. *O. diaphana*. Doris d., *Alder & Hanc.* t. 217. f. 1.
  4. *O. pusilla*. Doris p., *Alder & Hanc.* t. 217. f. 2.
  5. *O. sanguinea*. Doris s., *D'Orb.* t. 223. f. 5. *D. rubra*, *D'Orb.* t. .
  6. *O. —*. Doris, *Savig.* t. 233. f. 4.
9. VILLIERSIA, n. 350. Mantle with a continuous calcareous shield, pierced with holes for the tentacula, gills and vent.
1. *V. scutigera*, *D'Orb.* t. 213. f. 1.
10. HEXABRANCHUS, n. 348. Gill tree-like, in a ring; labial feeler dilated, broad, crenate.
1. *H. pretextus*, *Ehrenb.* t. 237.
  2. *H. sanguineus*. Doris s., *Rüppell*, t. 68. f. 4.

3. *H. laciniatus*. Doris l., *Cuvier*, t. 230. f. 2, copied *Blainv.* t. 65. f. 3.
4. *H. marginalis*. Doris m., *Quoy*, t. 221. f. 2, t. 224. f. 2.
5. *H. sandwichensis*. Doris s., *Quoy*, t. 235.
6. *H. Adamsii*, *Adams*, MSS. t. 219. f. 1.

11. HEPTABRANCHUS, *Adams*, 1849. Gills tree-like, in a broad lunate series.

1. *H. Burnettii*, *Adams*, t. 219. f. 2.

12. ATAGEMA. Gills very small, at the end of a dorsal sac.

1. *A. carinata*. Doris e., *Quoy*, t. 64. f. 11.

b. *Body angular; mantle distinct, simple, not covering the head and foot.*

13. GONIODORIS, *Forbes*, 345, pars. Tentacula dorsal, not retractile. Gill lanceolate, pinnate.

1. *G. nodosa*, *Alder & Hanc.* t. 227. f. 1. *G. elongata*, *Thompson*, t. 231. f. 3; *emarginata*, *Forbes*, t. 231. f. 5. Doris, *Leach*, t. 268. f. 9. *D. Barvicensis*, *Johnst.* t. 69. f. 10.
2. *G. castanea*, *Alder & Hanc.* t. 222. f. 1.
3. *G. pulcherrima*. Doris p., *Cantr.* t. 232. f. 1.
4. *G. villefranca*. Doris v., *Risso*, t. 252. f. 2.
5. *G. elegantula*. Doris e., *Philippi*, t. 231. f. 7.
6. *G. purpurea*. Doris p., *Laurillard*, t. 234. f. 4.
7. *G. pieta*. Doris elegans, *Cantr.* t. 213. f. 4; *Philippi*, t. 231. f. 17.
8. *G. cærulea*. *D. gracilis*, *Rapp*, t. 229. f. 2. *D. tricolor*, *Cantr.* t. 231. f. 10.
9. *G. albescens*. Doris palens, *Rapp*, t. 229. f. 3.
10. *G. marmorata*, *Savigny*, t. 64. f. 14.
11. *G. Webbii*. Polycera *Webbii*, *D'Orb.* t. 232. f. 5.
12. *G. impudica*. Doris i., *Rüppell*, t. 232. f. 4.
13. *G. tinctorum*. Doris t., *Rüppell*, t. 69. f. 5.
14. *G. obsoleta*. Doris o., *Rüppell*, t. 69. f. 4.
15. *G. pallida*. Doris p., *Rüppell*, t. 69. f. 3.
16. *G. infusata*. Doris i., *Rüppell*, t. 69. f. 2.
17. *G. pulchella*. Doris p., *Rüppell*, t. 66. f. 2.
18. *G. atomarginata*. Doris a., *Cuvier*, t. 64. f. 10, t. 180. f. ; *Quoy*, t. 64. f. 4.
19. *G. lemniscata*. Doris l., *Quoy*, t. 223. f. 6.
20. *G. magnifica*. Doris m., *Quoy*, t. 64. f. 2; *Banks*, t. 67. f. 17.
21. *G. reticulata*. Doris r., *Quoy*, t. 64. f. 7.
22. *G. elegans*. Doris e., *Quoy*, t. 64. f. 9.
23. *G. lineata*. Doris rayée, *Eydoux*, *Voy. la Bouite*, t. 220. f. 4.

13\*. BRACHYCHLANIS, n. 345. Tentacle in front of mantle. *B. pantherina*, *Ehrenb.*

c. *Body subangular; mantle distinct, fringed with tentacula.*  
Triopina.

14. TRIOPA, n. 352. Forehead papillose; teeth, central none, lateral 8-8.

1. *T. claviger*. Doris *clavigera*, *Müller*, t. 67. f. 2; *Johnston*, t. 67. f. 1; *Alder & Hanc.* t. 274. f. 1.

15. IDALIA, n. 356. Forehead simple, rounded; teeth, central 1, lateral 2·2.

1. *I. elegans*, *Leuck.* t. 199. f. 10.
2. *I. cirrigera*, *Philippi*, t. 231. f. 1. *Euplocamus* c., *Philippi*, t. 231. f. 4. *I. aspera*, *Alder & Hanc.* t. 215. f. 2.
3. *I. quadricornis*. *Doris* q., *Mont.* t. 223. f. 2.
4. *I. plumosa*. *Euplocamus* p., *Thompson*, t. 231. f. 2.
5. *I. dubia*. *Polycera* d., *Sars*, t. 232. f. 6.
6. *I. Lessonii*. *Polycera* L., *D'Orb.* t. 204. f. 9; *Alder & Hanc.* t. 274. f. 3.
7. *I. crocea*. *Euplocamus* c., *Philippi*, t. 67. f. 3. *Doris ramosa*, *Cantraine*, t. 231. f. 15.
8. *I. frondosa*. *Euplocamus* f., *Philippi*, t. 231. f. 1.
9. *I. lacunosa*. *Euplocamus* l., *Philippi*, t. 231. f. 6.

16. ANCUA, n. 357. Gills pinnate.

1. *A. cristata*. *Miranda* c., *Alder & Hanc.* t. 222. f. 2. *Polycera* c., *Alder & Hanc.* t. 204. f. 4.

D. *Body elongate, subangular; mantle indistinct. Policerina.*

a. *Forehead papillose.*

17. ÆGIRES, n. 353. Teeth, central none, lateral 17·17.

1. *A. punctilucens*, *Alder & Hanc.* t. 274. f. 2. *Polycera* p., *D'Orb.* t. 204. f. 9.
2. *A. maura*. *Doris maura*, *Forbes*, t. 231. f. 12.
3. *A. Lessonii*. *Polycera* L., *D'Orb.* t. 204. f. 9.

18. THECACERA, n. 354.

1. *T. pennigera*. *Doris* p., *Montag.* t. 236. f. 3.

19. POLYCERA, n. 355. Frontal appendage simple.

1. *P. quadrilineata*. *Doris* q., *Müller*, t. 64. f. 3. *D. flava*, *Montag.* t. 223. f. 1. Var. 1. *Alder*, t. 204. f. 1. Var. 2. *Alder*, t. 204. f. 3; *Thompson*, t. 205. f. 5.
2. *P. lineata*, *Risso*, t. 232. f. 3.
3. *P. typica*, *Thompson*, t. 204. f. 2.
4. *P. cornuta*. *Doris* c., *Müller*, t. 64. f. 1.
5. *P. ocellata*, *Alder & Hanc.* t. 227. f. 2.
6. *P. ornata*, *D'Orb.* t. 204. f. 8.
7. *P. citrina*, *Alder*, t. 204. f. 6.

20. PLOCAMOCEROS, n. 359. Frontal appendage branched.

1. *P. ocellatus*, *Rüppell*, t. 69. f. 1.

b. *Forehead simple, rounded.*

21. CERATOSOMA. Back produced behind.

1. *C. trilobata*. *Doris* t., *Gray*, t. 67. f. 14. *Doris*, *Adams*, MSS. t. 214. f. 7.

22. PELAGELLA. Mantle forming a simple, raised edge round tentacles and gills.

1. *P. Paretii*. *Doris* P., *Verany*, t. 220. f. 2.

Fam. 2. *Tritoniadae*, p. 165.

Gill on side of the back, lamellar, papillary or branched. Teeth, central 1, lateral 10·10 to 24·24. Tentacula 2, retractile within sheath.

a. *Stomach simple*. Tritoniana.

1. TRITONIA, n. 362. Teeth, central 1, lateral 10·10 or 14·14.

\* *Frontal tentacula tufted*.

1. T. Hombergii, *Cuvier*, t. 212. f. 5, 9; *Blainv.* t. 212. f. 3; *Johnston*, t. 211. f. 2.
2. T. acuminata, *Costa*, t. 212. f. 8.
3. T. quadrilatera, *Philippi*, t. 212. f. 7.
4. T. decaphylla, *Cantraine*, t. 198. f. 11.
5. T. Costæ, *Verany*, t. 209. f. 3.
6. T. rubra, *Rüppell*, t. 212. f. 3.
7. T. glamæ, *Rüppell*, t. 211. f. 4; *Savigny*, t. 227. f. 1, 2.
8. T. cyanobranchiata, *Rüppell*, t. 211. f. 3.
9. T. Thethydea, *Chiaje*, t. 211. f. 1.

\*\* *Frontal tentacula simple*. Candiella.

10. T. plebeia, *Johnston*, t. 212. f. 4; *Alder & Hancock*, t. 209. f. 2.

b. *Stomach branched*. Melibæina.

2. DENDRONOTUS, n. 364. Gill in single series; teeth, central 1, lateral 10·10.

1. D. arborescens, *Cuvier*, t. 212. f. 6; *Alder*, t. 225. f. 1. Tritonia lactea, *Thompson*, t. 212. f. 1. T. Reynoldsii, *Couthouy*, t. 228. f. 2; *Thienemann*, MSS. t. 214. f. 4.

3. DOTO, n. 365. Gill clavate, compound.

1. D. fragilis. Melibæa f., *Forbes*, t. 198. f. 7.
2. D. coronata, *Alder & Hauc.* t. 208. f. 2. Melibæa c., *Johnston*, t. 198. f. 1. Tergipes c., *D'Orb.* t. 199. f. 8 (*Voy. Bouite*, t. 24\*, *anat.*).
3. D. pinnatifida. Doris p., *Montague*, t. 198. f. 5.
4. D. maculata. Doris m., *Montag.* t. 198. f. 3.

4. GELLINA. Gill clavate, simple.

1. G. affinis. Tergipes a., *D'Orb.* t. 199. f. 9.

5. LOMANOTUS, n. 366. Gill crest-like.

1. L. Genci, *Verany*, t. 221. f. 2.
2. L. marmoratus. Eumenis marmorata, *Alder & Hauc.* t. 221. f. 1.

6. SCYLLÆA, n. 368. Teeth, central 1, lateral 24·24.

1. S. pelagica, *Blainv.* t. 203. f. 1; *Cuvier*, t. 203. f. 3.
2. S. ghomfodensis, *Forskael*, t. 203. f. 4.
3. S. Quoyii. S. ghomfodensis, *Quoy*, t. 203. f. 5.
4. S. Hookeri, *Gray*; *Hooker's MSS.* t. 203. f. 6.

7. ? NEREA, n. 369.

1. N. punctata, *Lesson*, t. 203. f. 2.

## 8. TETHYS, n. 370.

1. *T. leporina*, *Chiaje*, t. 210. f. 1; *Deshayes*, t. 210. f. 2.

## 9. BORNELLA. Back three tufts of simple and branched tentacula.

1. *B. Adamsii*, *Gray*; *Adams, MSS.* t. 176. f. 6. 9!Fam. 3. *Glaucidae*.

Gill on side of back, papillary. Tentacula 2, linear, without sheaths, rarely wanting. Teeth, central 1, no lateral.

a. *Anus lateral*; *gills papillose, in groups*. Glaucina.1. GLAUCUS, n. 371 = *Pleuropus*, *Rafin.* 1815.1. *G. radiatus*.2. *G. atlanticus*, *Blainv.* t. 202. f. 4; *Cuvier*, t. 201. f. 3.3. *G. Draco*, *Eschsch.* t. 202. f. 6.4. *G. Forsteri*, *Quoy*, t. 202. f. 3.5. *G. Eucharis*, *Peron & Lesueur*, t. 201. f. 1, 6; *Voy. Bonite*, t. 24, 24\*, *anat.*6. *G. pacificus*, *Esch.* t. 202. f. 1. *G. distichoicus*, *D'Orb.* t. 202. f. 7; *Dr. Sinclair, MSS.* t. 202. f. 2; *Dr. Hooker, MSS.* t. 201. f. 4.

2. LANIOGERUS, n. 372.

1. *L. Efortii*, *Blainv.* t. 231. f. 13. Probably only a *Glaucus* which has lost its gills; t. 201. f. 2 & 5 from *Dr. J. Hooker's MSS.* are probably the same.b. *Vent lateral*. *Gills in rows on each side*. Eolidina.3. EOLIDIA, n. 373 = *Psiloceros*, *Menke*, 1844 = *Amphorina*, n. 395, junior. Gills in longitudinal series; tentacula elongate, subulate; labial feelers elongate, subulate.\* *Front of foot angular*.1. *E. papillosa*, *Johnston*, t. 197. f. 3. *Doris p.*, *Baster.* t. 197. f. 6; *Montag.* t. 195. f. 43; *Leach*, t. 268. f. 8.2. *E. limacina*. *Æolis l.*, *Philippi*, t. 194. f. 2.3. *E. Scacchiana*. *Æolis s.*, *Philippi*, t. 194. f. 5.4. *E. Cuvieri*, *Blainv.* t. 195. f. 6.5. *E. ? diversa*. *Eolis d.*, *Couthouy*, t. 196. f. 4.6. *E. salmonacea*. *Eolis s.*, *Couthouy*, t. 196. f. 5.7. *Eolidia* —? t. 205. f. 8.8. *E. Histrix*, *Otto*, t. 205. f. 1.\*\* *Foot subulate in front*.9. *E. paradoxa*. *Eolidina p.*, *Quatref.* t. 194. f. 7.4. MONTAGUA = *Cavolina*, n. 375, not *Gioenia*. Tentacula and labial feelers subulate; gills in rather distant transverse rows.\* *Front of foot produced, subulate*.1. *M. peregrina*, *Carolina*, t. 205. f. 10. *Doris p.*, *Chiaje*, t. 194. f. 9(?). *Cavolina p.*, *Deshayes*, t. 198. f. 14.2. *M. longicornis*. *Doris l.*, *Montague*, t. 195. f. 8.

3. *M. annulata*. Eolidia a., *Quoy*, t. 194. f. 3.
4. *M. glauca*. Eolis, *Alder & Hanc.* t. 272. f. 1.
5. *M. viridis*, *Forbes*, t. 199. f. 11.
6. *M. angulata*. Eolis a., *Alder & Hanc.* t. 200. f. 3.
7. *M. concinna*. Eolis c., *Alder & Hanc.* t. 192. f. 1.

\*\* *Front of foot subangular.*

8. *M. nana*. Eolis n., *Alder & Hanc.* t. 272. f. 2.
9. *M. olivacea*. Eolis o., *Alder & Hanc.* t. 192. f. 3, t. 197. f. 2.
10. *M. cingulata*. Eolis c., *Alder & Hanc.* t. 207. f. 2.
11. *M. purpurascens*. Eolida p., *Fleming*, t. 198. f. 10.
12. *M. cærulea*. Doris e., *Montague*, t. 195. f. 2.
13. *M. pallida*. Eolis picta, *Alder & Hanc.* t. 207. f. 3.
14. *M. amœna*. Eolis a., *Alder & Hanc.* t. 206. f. 3.
15. *M. arenicola*. Eolis a., *Alder & Hanc.* t. 207. f. 1.
16. *M. tricolor*. Eubranthus t., *Forbes*, t. 198. f. 4. Eolis t., *Alder & Hanc.* t. 193. f. 2.
17. *M. Farrani*. Eolis F., *Alder & Hanc.* t. 195. f. 1. junior? Amphorina Alberti, *Quatref.* t. 199. f. 5.
18. *M. rubra*. Cavolina r., *Cantraine*, t. 194. f. 1.
19. *M. ? lottini*. Eolidia l., *Lesson*, t. 194. f. 10.
20. *M. natans*. Cavolina n., *D'Orb.* t. 194. f. 6.
21. *M. ? pinnata*. Eolidia p., *Eschsch.* t. 195. f. 3.
22. *M. bella*. Eolidia b., *Rüppell*, t. 195. f. 7.
23. *M. ? gymnota*. Eolis g., *Couthouy*, t. 196. f. 2.
24. *M. —*. Eolide de Cuvier, *Eydoux*, t. 204. f. 4 (*Voy. Bouite*, t. 24 A. B. anat.).

5. PHIDIANA=Cavolina, *D'Orb.* Tentacula clavate, perfoliate; labial feelers subulate; gill in cross rows.

\* *Foot rounded in front.*

1. *P. patagonica*. Cavolina p., *D'Orb.* t. 191. f. 3.
2. *P. Inca*. Cavolina I., *D'Orb.* t. 191. f. 1, 2, t. 194. f. 8.
3. *P. longicauda*. Eolidia l., *Quoy*, t. 194. f. 11.
4. *P. northumbrica*. Eolis n., *Alder & Hanc.* t. 208. f. 1.

\*\* *Foot subulate in front.*

5. *P. ? cærulescens*. Eolidia c., *Laurillard*, t. 194. f. 4.

6. FLABELLINA, n. 376=Phyllodesmium, n. 384? Tentacula subulate, annulate or perfoliate; labial feelers subulate; gills clustered.

\*\* *Front of foot subulate.*

1. *F. affinis*, *Cuvier*, t. 198. f. 13.
2. *F. punctata*. Eolis p., *Alder & Hanc.* t. 206. f. 2.
3. *F. pedata*. Doris p., *Montag.* t. 195. f. 9.
4. *F. Drummondii*. Eolis D., *Alder & Hanc.* t. 273. f. 1.
5. *F. Cuvieri*. Eolis C., *Johnston*, t. 195. f. 1. Eolidia, *Cuvier*, t. 195. f. 10.
6. *F. bostoniensis*. Eolis b., *Couthouy*, t. 196. f. 3.

\*\* *Front of foot subangular.*

7. *F. coronata*. Eolis c., *Alder & Hanc.* t. 191. f. 4, t. 206. f. 1.
8. *F. annulicornis*. Eolis a., *Nat. Curs.* t. 205. f. 5.



9. *F.?* *rufibranchialis*. *Eolis r.*, *Alder & Hanc.* t. 273. f. 2. Tentacula nearly smooth.
10. *F.?* *pellucida*. *Eolis p.*, *Alder & Hanc.* t. 200. f. 1. Tentacula nearly smooth.
11. *F.?* *Landsburgii*. *Eolis L.*, *Alder & Hanc.* t. 273. f. 3.
12. *F. minima*. *Limax m.*, *Forsk.* t. 205. f. 4.
13. *F. crassicornis*. *Cavolina c.*, *Eschsch.* t. 195. f. 5.
14. *F. subrosacea*. *Cavolina s.*, *Eschsch.* t. 195. f. 4.
7. **FAVORINUS**. Tentacula with a single subterminal fold; labial feelers elongate; gills in tufts; front of foot subulate.
1. *F. albus*. *Eolis alba*, *Alder & Hanc.* t. 192. f. 2.
8. **CORYPHELLA**. Tentacula subulate, smooth; labial feelers subulate; gills in tufts; foot subangular in front.
1. *C. Landsburgii*. *Eolis L.*, *Alder & Hanc.* t. 273. f. 3.
2. *C. rufobranchialis*. *Eolis r.*, *Alder & Hanc.* t. 273. f. 2.
3. *C. pellucida*. *Eolis p.*, *Alder & Hanc.* t. 200. f. 1.
9. **TERGIPES**, n. 377. Tentacula subulate, simple; labial feelers short; gills in a single lateral series; foot square in front.
1. *T. laeiniatus*, *Blainville*, t. 198. f. 2. *Limax tergipes*, *Forsk.* t. 205. f. 3, 5.
2. *T. Lamarckii*, *Desh.* t. 198. f. 12.
3. *T. despectus*. *Eolis d.*, *Alder & Hanc.* t. 193. f. 3.
4. *T. —*, *Krusenstern*, t. 205. f. 2, 7.
5. *T. adpersus*, *Nordmann*, *Mem. Acad. Petersb.* t. 1. f. 3, 4.
6. *T. Edwardsii*, *Nordmann*, *l. c.* t. 1. f. 1, 2.
10. **CALLIOPÆA**, n. 374. Gills in lateral series; tentacula none; labial feelers elongate, subulate; front of foot angular.
1. *C. bellula*, *D'Orb.* t. 194. f. 5.
- c. *Vent dorsal*.
11. **HERMÆA**, n. 378. Gills clavate, smooth.
1. *H. bifida*. *Doris b.*, *Montag.* t. 198. f. 6.
2. *H. dendritica*, *Alder & Hanc.* t. 272. f. 3; *M. Edwards*, t. 205. f. 9.
12. **ALDERIA**, n. 380. 1. *A. modesta*.
13. **JANUS**, n. 361=Antiope, *Alder & Hanc.* Gill cylindrical, simple, crowded; tentacles perfoliate.
1. *J. Spinolæ*, *Verany*, t. 200. f. 2.
14. **STILIGER**, n. 383. Gills fusiform, simple.
1. *S. ornatus*, *Ehrenb.* t. 194. f. 4.
15. **PROCTONOTUS**, n. 382=Venilia, *Alder & Hanc.* Gills warty.
1. *P. mucroniferus*, *Alder & Hanc.* t. 197. f. 1.
2. *P.?* *pilosus*. *Zephrina pilosa*, *Quatref.* t. 199. f. 1.

Fam. 4. *Phyllidiadæ*, p. 168.

1. **PHYLLIDIA**, n. 398.

1. *P. pustulosa*, *Cuvier*, t. 312. f. 1; *Rüppell*, t. 312. f. 5.
2. *P. ocellata*, *Cuvier*, t. 312. f. 8.

3. *P. trilineata*, *Cuvier*, t. 312. f. 3, 6, 7; *Blainv.* t. 312. f. 4.
4. *P. albo-nigra*, *Quoy*, t. 312. f. 2.

2. HYPOBRANCHIÆ, n. 351.

1. *H. fusca*, *Adams*, *MSS.* t. 220. f. 1.

Fam. 5. *Diphyllidiadæ*.

1. DIPHYLLIDIA, n. 399. Teeth, central 1, lateral 3·3, uniform, serrated.

1. *D. lineata*, *Otto*, t. 204. f. 1; *Cantr.* t. 205. f. 1; *Desh.* t. 205. f. 3. Plenrophyllidia neapolitana, *Chiaje*, t. 205. f. 2. *Linguela Elfortii*, *Blainv.* t. 205. f. 4.
2. *D. verrucosa*, *Cantraine*, t. 205. f. 6.
3. *D. ocellata*, *Deshayes*, t. 205. f. 5.
4. *D. pustulosa*, *Philippi*, t. 204. f. 2.

Fam. 6. *Phyllirrhoidæ*, p. 167.

1. PHYLLIRRHOË, n. 396.

1. *P. bucephala*, *Peron*, t. 12. f. 4; *Blainv.* t. 15. f. 6; *Voy. Bonite*, t. 24, *anat.*
2. *P. Lichtensteinii*. *Eurydice* L., *Eschsch.* t. 153. f. 4.
3. *P. amboinensis*, *Quoy*, t. 153. f. 3.
4. *P. roseum*, *D'Orb.* t. 153. f. 2.
5. *P. punctulatum*, *Quoy*, t. 153. f. 1.
6. *P. rubrum*, *Quoy*, t. 153. f. 5.

Fam. 7. *Placobranchidæ*, p. 167.

Gills radiating laminæ or vessels on the back.

1. PLACOBANCHUS, n. 387.

1. *P. ocellatus*, *Rang*, t. 176. f. 4.

2. ELYSIA, n. 388.

1. *E. timida*, *Risso*, t. 18. f. 8, 9; *Philippi*, t. 180. f. 12.
2. *E. fusca*, *Philippi*, t. 180. f. 10, 11.
3. *E. viridis*, *Cantr.* t. 180. f. 14; *Verany*, t. 176. f. 2. *Aplysia* v., *Montagu*, t. 146. f. 4. *Acteon* v., *Sars*, *Besc.* t. 18. f. 1-5. *Aplysiopterus*, *Chiaje*, t. 18. f. 7. *Acteon* v., *M.-Edwards*, t. 199. f. 2. —? t. 176. f. 5.
4. *E. elegans*. *Acteon* e., *M.-Edwards*, t. 199. f. 4.
5. *E. australis*. *Acteon* a., *Quoy*, t. 180. f. 6.

Fam. 8. *Limapontiadæ*, p. 167.

1. LIMAPONTIA, n. 390=Chalidis, n. 391.

1. *L. nigra*, *Alder & Hancock*, t. 177. f. 3, 4.
2. *L. cærulea*. *Chalidis* e., *Quatref.* t. 199. f. 7.

2. PELTA, n. 451.

1. *P. coronata*, *Quatref.* t. 199. f. 6.

3. ACTEONIA, n. 393.

1. *A. corrugata*, *Alder & Hancock*, t. 177. f. 2.
2. *A. senestra*, *Quatref.* t. 199. f. 4.

4. ICTIS, n. 392=Cenia, *Alder & Hancock*.

1. I. Cocksii. Cenia C., *Alder & Hancock*. t. 177. f. 1.

5. FUCOLA, n. 389.

1. F. rubra, *Quoy*, t. 180. f. 13.

Fam. 9. *Sagittadæ*, p. 164.

1. SAGITA, n. 339.

2. SAGITELLA, n. 340. 1. S. æquipinnis, *Lesueur*.

#### Order V. PNEUMOBANCHIATA.

Respiring free air in a chamber lined with pulmonic vessels. Larva shell-bearing, without any cephalic fins; shaped like the parent.

#### Suborder I. ADELOPNEUMONA.

Edge of mantle united to the nape, covering the pulmonary cavity, except at a lateral aperture. Animal hermaphrodite, with reciprocal impregnation. Operculum none.

A. Geophila. *Eyes at apex of elongated cylindrical peduncles; tentacles cylindrical, shorter, and under eye peduncle, sometimes wanting. Operculum none. Terrestrial.*

a. *Eye-peduncles and tentacles retractile under the skin.*

Fam. 1. *Arioidæ*, p. 169.

Caudal gland distinct.

1. ARION, n. 429.

1. Arion ater. A. empericorum, *Ferussac*, t. 281. f. 1, t. 285. f. 11.

A. albus, *Ferussac*. t. 281. f. 3. A. rufus, *Ferussac*. t. 284. f. 5.

2. A. subfuscus, *Drap.* t. 276. f. 10.

3. A. hortensis, *Ferussac*. t. 280. f. 2,  $\beta$ . t. 280. f. 8.

4. A. fuscatus, *Ferussac*. t. 285. f. 8.

5. A. ascensionis, *Quoy*, t. 287. f. 11.

6. A. lactescens. Limacellus l., *Blainv.* t. 285. f. 10.

2. HELICARION, n. 431.

1. H. Cuvieri, *Ferussac*. t. 287. f. 1.

2. H. Freycineti, *Ferussac*. t. 287. f. 2; *Blainv.* t. 71. f. 4.

3. STENOPUS, n. 433. Edge of mantle produced, forming a collar and partly covering the shell.

1. S. cruentatus, *Guild.* t. 72. f. 2, 4; *Swainson*, t. 288. f. 4.

2. S. ——. *Guild.* t. 288. f. 5.

4. NANINA, n. 433, pars.

1. N. vitrinoides, *Gray, Hardwicke MSS.* t. 71. f. 5.

2. N. citrina. *Vitrina c.*, *Quoy*, t. 71. f. 7.

3. N. viridis. *Vitrina v.*, *Quoy*, t. 71. f. 3.

4. N. flammulata. *Vitrina f.*, *Quoy*, t. 71. f. 1.

5. N. nigra. *Vitrina n.*, *Quoy*, t. 71. f. 2.

6. N. ——. *Vitrine couverte*, *Eydoux*, t. 288. f. 3.

5. ARIOPHANTA, *Desmoulin*. "Edge of mantle inclosed, not produced."

1. *A. lævipès*, *Desmoulin*, t. 288. f. 6, 7.

Fam. 2. *Helicidæ*, p. 170.

Caudal gland none.

a. *Philomycina*.

1. PHILOMYCUS, n. 434.

1. *P. carolinensis*. *Limax* c., *Bosc*. t. 285. f. 4.

2. MEGHIMATIUM, n. 435.

1. *M.* ——. *Ferussac*, t. 276. f. 3.  
2. *M.* ——. *Ferussac*, t. 276. f. 6.

3. JANELLA. Mantle covering the back; respiratory orifice in middle of right side. Tentacles 2, elongate, lower wanting.

1. *J. bitentaculatus*. *Limax* b., *Quoy*, t. 180. f. 15.

b. *Limacina*.

4. LIMAX, n. 436.

1. *L. antiquorum*, *Ferussac*, t. 280. f. 3, t. 281. f. 2, t. 284. f. 4;  
*Mr. E. Gray, MSS.* t. 280. f. 5.  
2. *L. cinerco-niger*, *Sturm*, t. 276. f. 9.  
3. *L. alpinus*, *Ferussac*, t. 280. f. 6.  
4. *L. variegatus*, *Ferussac*, t. 285. f. 12.  
5. *L. agrestis*, *Ferussac*, t. 285. f. 7.  
6. *L. Gagates*, *Ferussac*, t. 280. f. 4.  
7. *L. marginatus*, *Drap.* t. 276. f. 4.  
8. *L. sylvaticus*, *Drap.* t. 276. f. 7.  
9. *L. carinatus*, *Sowerby*, t. 284. f. 6.  
10. *L. Sowerbii*, *Ferussac*, t. 276. f. 8.  
11. *L. valentianus*, *Ferussac*, t. 280. f. 7.  
12. *L. bilobatus*, *Ferussac*, t. 285. f. 9.  
13. *L. megaspidus*, *Blainville*, t. 285. f. 5.  
14. *L. sandwichensis*, *Eydoux*, t. 288. f. 1.  
15. *L. canariensis*, *D'Orb.* t. 284. f. 2.  
16. *L. carinatus*, *D'Orb.* t. 284. f. 3.  
17. *L.?* *perlucidus*, *Quoy*, t. 74. f. 7.  
18. *L.?* *noctilucus*, *Ferussac*, t. 285. f. 6.

5. GEOMALACUS, n. 437.

1. *G. maculatus*, *Mr. E. Gray, MSS.* t. 280. f. 1.

c. *Testacellina*.

6. PLECTROPHORUS, n. 439.

1. *P. Orbignii*, *Ferussac*, t. 285. f. 3.  
2. *P. costatus*, *Bosc*. t. 285. f. 2.  
3. *P. carinatus*, *Bosc*. t. 285. f. 1.

7. TESTACELLA, n. 440.

1. *T. haliotoidea*, *Ferussac*, t. 283. f. 3; *Mr. E. Gray, MSS.* t. 283. f. 6; *Cuvier*, t. 283. f. 1; *Sowerby*, t. 283. f. 7.  
2. *T. Maugei*, *Ferussac*, t. 283. f. 4.

## d. Vitrimina.

## 8. PARMACELLA, n. 441.

1. P. Olivieri, *Cuvier*, t. 282. f. 5; *Eichwald*, t. 282. f. 1.
2. P. Valenciennii, *Webb*, t. 282. f. 2.
3. P. palliolum, *Ferussac*, t. 282. f. 3.
4. P. ? ——. *Helicolimax*, *Ferussac*, t. 286. f. 1, shell quite covered.
5. P. ——. *Helicolimax*, *Ferussac*, t. 286. f. 4, shell partly exposed.
6. P. ——. *Helicolimax*, *Ferussac*, t. 286. f. 2, shell partly exposed.

## 9. CRYPTELLA, n. 442.

1. C. ambigua. C. canariensis, *Webb*, t. 284. f. 1. *Parmacella ambigua*, *Ferussac*, t. 283. f. 5.

## 10. VITRINA, n. 444.

1. V. pellucida, *Fleming*, t. 287. f. 5. *Helicolimax* p., *Ferussac*, t. 288. f. 11; *Sturm*, t. 287. f. 6.
2. V. brevis. *Helicolimax* b., *Ferussac*, t. 288. f. 8.
3. V. elongata. *Helicolimax* e., *Ferussac*, t. 288. f. 9.
4. V. vitrea. *Helicolimax* v., *Ferussac*, t. 288. f. 12.
5. V. fasciata, *Eydoux*, t. 288. f. 2.
6. V. fasciolata. *Helicolimax* f., *Ferussac*, t. 286. f. 7.
7. V. ——. *Helicolimax*, *Ferussac*, t. 286. f. 3.
8. V. ——. *Helicolimax*, *Ferussac*, t. 286. f. 5.

11. HELICOPHANTA, n. 445 (printed *Helicolimax*).

1. H. rufa, *Hartmann*, t. 287. f. 3.
2. H. brevipes, *Ferussac*, t. 228. f. 10, t. 287. f. 13; *Hartmann*, t. 287. f. 4.

## 12. OMALONYX, n. 446. 1. O. unguis.

## 13. HELISIGNA, n. 448.

1. H. santæ helenæ, *Lesson*, t. 287. f. 12.
2. H. fragilis. *Ambrette fragile*, *Eydoux*, t. 301. f. 2.

## 14. SUCCINEA, n. 449.

1. S. putris, *Sturm*, t. 287. f. 8; *Swainson*, t. 287. f. 7; *Desh.* t. 287. f. 10.

## e. Helicina.

## 15. HELIX, n. 452.

1. H. Pomatia, *Rossmasler*, t. 296. f. 8; *Hartmann*, t. 295. f. 1; *Cuvier*, t. 295. f. 4; *Chiaje*, t. 295. f. 5.
2. H. lucorum (?), *Chiaje*, t. 295. f. 2.
3. H. melanostoma, *Ferussac*, t. 289. f. 6.
4. H. naticoides, *Ferussac*, t. 288. f. 13; *Rossm.* t. 294. f. 5; *Chiaje*, t. 290. f. 14?
5. H. candidissima, *Ferussac*, t. 298. f. 7.

## 16. ACAVUS, n. 453.

1. A. nemoralis. *Helix* n., *Ferussac*, t. 289. f. 8; *Lister*, t. 294. f. 3; *Sturm*, t. 294. f. 14; *Rossm.* t. 292. f. 3, t. 294. f. 2; *Chiaje*, t. 290. f. 1 & 5.
2. A. constantina. *Helix* c., *Ferussac*, t. 293. f. 9, t. 298. f. 2; *Sturm*, t. 290. f. 11.
3. A. hortensis. *Helix* h., *Hartm.* t. 290. f. 10.

4. *A. austriaca*. Helix a., *Rossm.* t. 294. f. 12.
5. *A. lactea*. Helix l., *Ferussac*, t. 298. f. 6.
6. *A. vermiculata*. Helix v., *Ferussac*, t. 298. f. 4; *Rossm.* t. 294. f. 6.
7. *A. alonensis*. Helix a., *Ferussac*, t. 298. f. 5.
8. *A. splendida*. Helix s., *Ferussac*, t. 298. f. 1.
9. *A. niceusis*. Helix n., *Ferussac*, t. 296. f. 2.
10. *A. aspersa*. Helix a., *Rossm.* t. 296. f. 13; *Chiaje*, t. 290. f. 16?

## 17. ARIANTA, n. 454.

1. *A. arbustorum*. Helix a., *Feruss.* t. 96. f. 3, t. 298. f. 3; *Hartm.* t. 290. f. 8; *Rossm.* t. 290. f. 4; *Sturm.* t. 294. f. 13.
2. *A. fruticum*. Helix f., *Rossm.* t. 294. f. 1; *Sturm.* t. 294. f. 11.
3. *A. cingulatum*. Helix c., *Rossm.* t. 294. f. 9.

## 18. VALLONIA, n. 456.

1. *V. pulchella*. Helix p., *Sturm.* t. 296. f. 5; *Binney*, t. 292. f. 4.
2. *V. cornea*. Helix c., *Sturm.* t. 296. f. 7.
3. *V. pellis serpentis*, *Ferussac*, t. 298. f. 8.
4. *V. exclusa*. Helix e., *Quoy*, t. 292. f. 2.
5. *V. zonaria*. Helix z., *Quoy*, t. 72. f. 1.
6. *V. undulata*. Helix u., *Quoy*, t. 72. f. 3.
7. *V. —*. Helice de Touranne, *Eydoux*, t. 303. f. 8.

## 19. IBERUS, n. 457.

1. *I. Gaulteriannus*. Helix G., *Ferussac*, t. 297. f. 1.
2. *I. lapicidus*. Helix l., *Rossm.* t. 292. f. 4; *Sturm.* t. 296. f. 11.
3. *I. Lamareckii*. Helix L., *Ferussac*, t. 297. f. 2.
4. *I. oresignus*. Helix o., *D'Orb.* t. 292. f. 8.
5. *I. acutus*. Helix a., *Quoy*, t. 292. f. 7.
6. *I. solarium*. Helix s., *Quoy*, t. 292. f. 9.

## 20. POLYGYRA, n. 460.

1. *P. albolabris*. Helix a., *Binney*, t. 292. f. 2.
2. *P. major*. Helix m., *Binney*, t. 291. f. 1.
3. *P. thyroideus*. Helix t., *Binney*, t. 291. f. 7.
4. *P. zelete*. Helix z., *Binney*, t. 291. f. 9.
5. *P. dentifera*. Helix d., *Binney*, t. 291. f. 11.
6. *P. elevata*. Helix e., *Binney*, t. 291. f. 8.
7. *P. subglobosa*. Helix s., *Binney*, t. 291. f. 6.
8. *P. pennsylvanica*. Helix p., *Binney*, t. 291. f. 5.
9. *P. palliata*. Helix p., *Binney*, t. 293. f. 8.
10. *P. profunda*. Helix p., *Binney*, t. 293. f. 11.
11. *P. monodon*. Helix m., *Binney*, t. 293. f. 12.
12. *P. inflecta*. Helix i., *Binney*, t. 292. f. 7.
13. *P. fraterna*. Helix f., *Binney*, t. 292. f. 5.
14. *P. hirsuta*. Helix h., *Binney*, t. 293. f. 3.
15. *P. tridentata*. Helix t., *Binney*, t. 291. f. 3.
16. *P. gularis*. Helix g., *Binney*, t. 291. f. 4.
17. *P. obvoluta*. Helix o., *Sturm.* t. 296. f. 9. *Trigonostoma* o., *Hartm.* t. 290. f. 15.

## 21. THEBA, n. 461.

1. *T. ericetorum*. Helix e., *Sturm.* t. 294. f. 4.
2. *T. strigata*. Helix s., *Ferussac*, t. 296. f. 1.
3. *T. quimperiana*. Helix q., *Ferussac*, t. 289. f. 7.

4. *T. zonata*. *Helix z.*, *Ferussac*, t. 289. f. 5.
5. *T. villosa*. *Helix v.*, *Sturm*, t. 296. f. 12.
6. *T. strigilla*. *Helix s.*, *Sturm*, t. 296. f. 6.
7. *T. incarnata*. *Helix i.*, *Sturm*, t. 294. f. 8.
8. *T. clandestina*. *Helix c.*, *Hartm.* t. 292. f. 5.
9. *T. bicarinata*. *Helix b.*, *Lowe*, t. 295. f. 8, var. *Lowe*, t. 294. f. 9.
10. *T. portosanctæ*, *Lowe*, t. 291. f. 7.
11. *T.?* *roseo-tincta*. *Helix r.*, *Forbes*, t. 292. f. 6.

## 22. HELICELLA, n. 462.

1. *H. rotundata*. *Helix r.*, *Sturm*, t. 296. f. 4.
2. *H. lucida*. *Helix l.*, *Sturm*, t. 290. f. 2.
3. *H. cellaria*. *Helix c.*, *Rossm.* t. 296. f. 10.
4. *H. nitida*. *Helix n.*, *Sturm*, t. 294. f. 7, 10.
5. *H. algira*. *Helix a.*, *Ferussac*, t. 289. f. 9.
6. *H. saxatilis*. *Delomphalus s.*, *Hartm.* t. 292. f. 6.
7. *H. ammoniformis*, *D'Orb.* t. 287. f. 9.

## 23. DREPANOSTOMA, Porro, n. 457.

1. *D. multiformis*, *Porro*, t. 290. f. 12.

## 24. STREPTAXIS, n. 464.

1. *S. contusa*. *Helix c.*, *Ferussac*, t. 289. f. 1.
2. *S. —*. *Hélice égarée*, *Eydoux*, t. 289. f. 4.
3. *S. —*. *II. déviée*, *Eydoux*, t. 289. f. 3.

## f. Bulimina.

## 25. BULIMUS, n. 466.

1. *B. hæmastomus*, *Lister*, t. 299. *Helix h.*, *Lesson*, t. 300. f. 15.
2. *B. oblongus*, *D'Orb.* t. 74\*. f. 4.
3. *B. granulatus*, *D'Orb.* t. 73. f. 8.
4. *B. thamnoicus*, *D'Orb.* t. 73. f. 6.
5. *B. rosaceus*, *D'Orb.* t. 73. f. 10.
6. *B. Tupaeii*, *D'Orb.* t. 74\*. f. 2.
7. *B. heterotrichus*, *Moricau*d. t. 302. f. 5.
8. *B. hygrohylæus*, *D'Orb.* t. 73. f. 2.
9. *B. helæoicus*, *D'Orb.* t. 73. f. 9.
10. *B. aspodemetes*, *D'Orb.* t. 73. f. 3 & 5.
11. *B. trichodes*, *D'Orb.* t. 73. f. 4.
12. *B. Montaguui*, *D'Orb.* t. 72. f. 5.
13. *B. linostomus*, *D'Orb.* t. 73. f. 7.
14. *B. cambus*, *D'Orb.* t. 73. f. 1.
15. *B. lævis*, *Quoy*, t. 74. f. 1; *Lamk. MSS.* t. 293. f. 2.
16. *B. —*. *Helix peau de renard*, *Eydoux*, t. 303. f. 4.
17. *B. trilineatus*, *Quoy*, t. 74. f. 2.
18. *B. candidus*, *Moricau*d. t. 302. f. 4.
19. *B. Pantagruelinus*, *Moricau*d. t. 302. f. 3.
20. *B. Spixii*, *D'Orb.* t. 302. f. 7.
21. *B. Taunaisii*, *Ferussac*, t.
22. *B. Maximilianus*, *Moricau*d. t. 302. f. 6.
23. *B. undulatus*. *Plekocheilus n.*, *Guilding*, t. 74\*. f. 1.
24. *B. chilensis*, *Lesson*, t. 74. f. 6.
25. *B. radiatus*, *Sturm*, t. 300. f. 11.
26. *B. —*. *Moricau*d. t. 300. f. 14.



## 26. PARTULA, n. 467.

1. *P. gibba*. *Helix gibba*, *Quoy*, t. 74. f. 4.
2. *P. —*. *P. de Dumartrog*, *Eydoux*, t. 303. f. 6.

## 27. ZUA, n. 468.

1. *Z. tridens*. *Ageca t.*, *Leach, Brit. Moll.*
2. *Z. lubrica*, *Sturm*, t. 300. f. 4.

## 28. BULIMULUS, n. 470.

1. *B. montanus*, *Sturm*, t. 300. f. 10. *Ena m.*, *Hartm.* t. 300. f. 6.
2. *B. —*. *Swainson*, t. 300. f. 13.
3. *B. turritellus*, *Eydoux*, t. 303. f. 3.
4. *B. —*. *B. ombilique*, *Eydoux*, t. 303. f. 2.
5. *B. decollatus*, *Ferussac*, t. 286. f. 8.
6. *B. striatellus*, *Bull. Sci.* t. 302. f. 9.
7. *B. hanneusis*, *Bull. Sci.* t. 302. f. 8.
8. *B. —*. *Chiaje*, t. 310. f. 3.
9. *B. reginus*. *Bulimus r.*, *D'Orb.* t. 74\*. f. 3.
10. *B. zigzag*. *Helix undata*, var. t. 301. f. 4.
11. *B. Kambul*. *Kambul*, *Adanson*, t. 74. f. 3, t. 301. f. 6.

29. PUPA, n. 471 = Cerium, *Mus. Berl.* 1818.

1. *P. dolium*, *Sturm*, t. 310. f. 4.
2. *P. chrysalis*, *Ferussac*, t. 286. f. 9.

## 30. VERTIGO, n. 472.

1. *V. —*. *Leach, Malac. Brit.* t.

## 31. CLAUSILIA, n. 475.

1. *C. bidens*, *Sturm*, t. 300. f. 7; *Müller*, t. 300. f. 5; *Rossm.* t. 300. f. 3.
2. *C. similis*, *Rossm.* t. 300. f. 8.
3. *C. cochinchinensis*, *Eydoux*, t. 303. f. 1.

## 32. BALEA, n. 476.

- ? 1. *B. perversa*. *Helix p.*, *Sturm*, t. 300. f. 1.

## 33. BRACHYPUS, n. 477.

1. *B. costatus*. *Siphonostoma c.*, *Swainson*, t. 300. f. 9.
2. *B. —*. *Siphonostoma*, *Swains.* t. 300. f.

## g. Achatinina.

34. ACHATINA, n. 478 = Achatina, *Latr.* 1804 = Achatinum, *Mus. Berl.*

1. *A. mauriciana*, *Lesson*, t. 75. f. 1.

## 35. COLUMNA, n. 479.

1. *C. virgata*. *Helix Columna*, *Quoy*, t. 302. f. 1.

## 36. LIGUUS, n. 484.

1. *L. alabaster*. *Helix a.*, *Quoy*, t. 302. f. 2.

## 37. OLEACINA, n. 485.

1. *O. truncata*. Glandina t., *Wymau*, t. 301. f. 5.
2. *O. Poiretii*. Helix P., *Ferussac*, t. 301. f. 1.
3. *O. ? aperta*. Macrospira a., *Swainson*, t. 300. f. 2.

## 38. HELICTERES, n. 487.

1. *H. decorata*. Helix d., *Eydoux*, t. 103. f. 5.

b. *Eye peduncle and tentacula contractile only.*

Fam. 3. *Veronicellidæ*, p. 178.

## 1. VERONICELLA, n. 488.

1. *V. lævis*, *Blainv.*; *Ferussac*, t. 281. f. 4. *V. Sloanii*, *Ferussac*, t. 282. f. 6. *Vaginulus Faunaisii*, *Feruss.* t. 278. f. 3, in spirits; t. 277. f. 1 & 2, life. *V. lævigatus*, *Ferussac*, t. 277. f. 6.
2. *V. Langsdorffii*. *Vaginulus L.*, *Feruss.* t. 278. f. 4.
3. *V. Solea*. *Vaginulus S.*, *D'Orb.* t. 278. f. 2.
4. *V. Limayana*. *Vaginulus L.*, *Lesson*, t. 278. f. 1.
5. *V. Krausii*. *Vaginulus K.*, *Feruss.* t. 276. f. 2.
6. *V. —*. *Vag. de Luçon*, *Eydoux*, t. 277. f. 5.
7. *V. —*. *Vag. de Touranne*, *Eydoux*, t. 277. f. 3.
8. *V. —?* *Vaginulus*, sp., *Ferussac*, t. 278. f. 5; t. 279. f. 1, 2, 3, 4, 5, 6; t. 276. f. 1 & 5.

Fam. 4. *Onchidiadæ*, p. 179.

## 1. ONCHIDIUM, n. 489.

1. *O. Typhæ*, *Buchanan*, t. 181. f. 8, t. 182. f. 2.

## 2. BUCHANNIA, n. 490.

1. *B. onchidioides*, *Lesson*, t. 214. f. 3.

## 3. PERONIA, n. 491. Back with radiating processes.

1. *P. mauriciana*, *Blainv.* t. 183. f. 2. *Onchidium Peronii*, *Cuvier*, t. 181. f. 7.
2. *P. ferrugineum*, *Lesson*, t. . . f. . .
3. *P. Alderi*. *P. punctata*, *Alder*, *MSS.* t. 226. f. 3.
4. *P. —*. *Onchidium Peronii*, *Savigny*, t. 183. f. 4, 5.
5. *P. punctata*. *Onchidium p.*, *Quoy*, t. 183. f. 3.
6. *P. Tongensis*. *Onch. de Tongo*, *Quoy*, t. 182. f. 1.

## 4. ONCHIDELLA. Back without radiating processes.

1. *O. nigricans*, *Onchidium n.*, *Quoy*, t. 181. f. 2.
2. *O. patelloide*. *Onch. p.*, *Quoy*, t. 181. f. 1.
3. *O. Hardwickii*, *Gray*, *Hardw. MSS.* t. 182. f. 3.
4. *O. granulosa*. *Onchidium g.*, *Lesson*, t. 183. f. 1.
5. *O. nigra*. *Onchidium n.*, *Lesson*, t. 183. f. 7.
6. *O. Reevesii*. *Gray*, *Reeve's MSS.* t. 181. f. 5.
7. *O. marmorata*. *Onchidium m.*, *Lesson*, t. 181. f. 6.
8. *O. cinerea*. *Onchidium c.*, *Quoy*, t. 181. f. 3.
9. *O. incisa*. *Onchidium i.*, *Quoy*, t. 181. f. 4.
10. *O. nana*. *Onchidium n.*, *Philippi*, t. 214. f. 2.

- B. *Linnophila*. *Eyes sessile. Tentaculi 2, subcylindrical or flattened; simply contractile. Operculum none.*

Fam. 5. *Auriculidæ*, p. 179.

Eyes on nape at the inner sides of base of the tentacle.

\* *Tentacles subcylindrical.*

1. AURICULA, n. 492.
  1. A. *Midæ*, *Quoy*, t. 306. f. 12.
  2. A. *Judæ*, *Eydoux*, t. 304. f. 4.
2. MELAMPUS, n. 493.
  1. M. ——. *Mr. E. Gray, MSS.* t. 305. f. 2.
  2. M. *luteus*. *Aur. l.*, *Quoy*, t. 306. f. 5.
  3. M. *fuscus*. *Aur. brune*, *Eydoux*, t. 304. f. 1.
3. CASSIDULA, n. 494.
  1. C. *auris felis*. *Aur. a. f.*, *Eydoux*, t. 304. f. 3.
  2. C. ? *monilis*. *Aur. m.*, *Quoy*, t. 306. f. 10, 11.
  3. C. *æqualis*. *Melampus æ.*, *Lowe*, t. 305. f. 3.
4. PEDIPES, n. 495.
  1. P. *afra*, *Lowe*, t. 305. f. 4. *Pedipes*, *Adanson*, t. 305. f. 5.
5. OPHICARDELUS, n. 497.
  1. O. *australis*. *Aur. australis*, *Quoy*, t. 306. f. 8, 9.
  2. O. *sandwichensis*. *Aur. s.*, *Eydoux*, t. 304. f. 2.
6. ALEXIA, n. 498.
  1. A. *denticulata*. *Auricula a.*, *Lowe*, t. 305. f. 1. ? *Voluta Dargelasii*, *Chiaje*, t. 306. f. 4.
7. SCARABUS, n. 500.
  1. S. *imbrium*, *Lesson*, t. 306. f. 3.

\*\* *Tentacles compressed, flattened.*

8. CHILINA, n. 504.
  1. C. *fluctuosa*. *Dombeya f.*, *D'Orb.* t. 306. f. 1.
  2. C. *puelcha*. *Domb. p.*, *D'Orb.* t. 306. f. 2.

Fam. 6. *Lymneadæ*, p. 180.

Eyes on inner side of base of the flattened or filiform tentacles.

1. LYMNEA, n. 503. *Tentacles flattened.*
  1. L. *stagnalis*, *Cuvier*, t. 308. f. 5; *Rossm.* t. 308. f. 13; *Desh.* t. 308. f. 12; *Chiaje*, t. 308. f. 10; *Sturm*, t. 308. f. 9. *Stagnicola vulgaris*, *Hartm.* t. 303. f. 8.
  2. L. *palustris*, *Lister*, t. 308. f. 1; *Cuvier*, t. 308. f. 8.
  3. L. *caperata*, *Hartm.* t. 310. f. 8.
  4. L. *fragilis*, *Hartm.* t. 310. f. 6.
  5. L. *oahouensis*, *Eydoux*, t. 304. f. 5.

6. *L. Catoscopium*, *Hartm.* t. 310. f. 7.
7. *L. ovalis*, *Cuvier*, t. 308. f. 2; *Chiaje*, t. 308. f. 4.
8. *L. pereger*, *Hartm.* t. 308. f. 6; *Sturm*, t. 308. f. 7.
9. *L. auricularia*, *Sturm*, t. 307. f. 1.
10. *L. Lessonii*, *Lesson*, t. 307. f. 2.

2. AMPHIPEPLEA, n. 505.

1. *A.?* *involuta*, *Beaufort's MSS.* t. 301. f. 3.
2. *A. luconensis*, *Eydoux*, t. 304. f. 7.

3. BULINUS, n. 506=Aplexa, n. 507.

1. *B. Adansonii*. *Bulin*, *Adanson*, t. 306. f. 7.
2. *B. Guildingii*. *Diastropa*, *Guilding*, t. 307. f. 3.
3. *B. affinis*. *Lymnée voisine*, *Eydoux*, t. 304. f. 6.
4. *B. hypnorum*. *Physa* h., *Sturm*, t. 307. f. 6.

4. PHYSA, n. 506, pars. *Bulinus* is a syn. of *Aplexa*.

1. *P. fontinalis*, *Müller*, t. 307. f. 5; *Sturm*, t. 307. f. 4.
2. *P. heterostropha*, *Haldem.* t. 310. f. 9.

5. CORETUS, n. 508.

1. *C. Adansonii*. *Coretus*, *Adanson*, t. 309. f. 4.
2. *C. corneus*. *Planorbis* c., *Sturm*, t. 309. f. 14; *Rossm.* t. 309. f. 13; *Swains.* t. 309. f. 12; *Desh.* t. 309. f. 11; *Lister*, t. 309. f. 9; *Cuvier*, t. 309. f. 2.
3. *C. bicarinatus*. *Planorbis* b., *Haldem.* t. 310. f. 1.
4. *C. contortus*. *Planorbis* c., *Sturm*, t. 309. f. 6.
5. *C. hispidus*. *Planorbis* h., *Sturm*, t. 309. f. 7.
6. *C. carinatus*. *Planorbis* c., *Sturm*, t. 309. f. 5.
7. *C. vortex*. *Planorbis* v. *Sturm*, t. 309. f. 1.
8. *C. spirorbis*. *Planorbis* S., *Sturm*, t. 309. f. 3.
9. *C. fontanus* (distorted). *Hippeutes lenticularis*, *Hartm.* t. 309. f. 8.
10. *C. dubius*. *Planorbis* d., *Hartm.* t. 309. f. 10.

6. SEGMENTINA, n. 509.

1. *S.?* *armigera*. *Planorbis* a., *Say*, t. 310. f. 2.

7. ANCYLUS, n. 510.

1. *A. fluviatilis*, *Sturm*, t. 307. f. 7-10.
2. *A. radiatus*, *Guilding*, t. 307. f. 6\*.
3. *A. lacustris*, *Sturm*, t. 307. f. 8.
4. *A. rivularis*, *Haldemann*, t. 310. f. 5.
5. *A. Sayanus*. *A. radiatus*, *D'Orb.* t. 307. f. 9.

c. *Thalassophila*. *Eyes sessile, on front part of the frontal disk formed by the expanded tentacula.*

Fam. 7. *Siphonariadae*, p. 181. Operculum none. Shell conic.

1. SIPHONARIA, n. 512.

1. *S.* ——. *Savigny*, t. 275. f. 1.
2. *S. diemensis*, *Quoy*, t. 76. f. 1.
3. *S. algesiræ*, *Quoy*, t. 76. f. 2.

4. *S. viridis*, *Quoy*, t. 76. f. 3.
5. *S. albicans*, *Quoy*, t. 76. f. 4.
6. *S. australis*, *Quoy*, t. 76. f. 5.
7. *S. acuta*, *Quoy*, t. 76. f. 6.
8. *S. capensis*, t. 76. f. 7.
9. *S. Lessonii*, *D'Orb.* t. 275. f. 3.
10. *S. picta*, *D'Orb.* t. 275. f. 2.

Fam. 8. *Amphibolidæ*, p. 181. Operculum and shell spiral.

1. AMPHIBOLA, n. 511.

1. *A. avellana*. Ampullacera a., *Quoy*, t. 310. f. 12.
2. *A. australis*. Amp. fragilis, *Quoy*, t. 310. f. 11 & 13.

Suborder II. PHANEROPNEUMONA.

Edge of mantle free from the nape, leaving the pulmonary cavity open. Animal unisexual. Operculum distinct, spiral, or annulated.

Fam. 9. *Cyclophoridaæ*, p. 181.

Eyes sessile, on the outer side of the base of the tentacula. Operculum spiral.

1. CYCLOSTOMUS, n. 514.

1. *C. elegans*, *Mr. E. Gray*, MSS. t. 293. f. 1; *Rossm.* t. 311. f. 16, 17; *Chiaje*, t. 311. f. 14. f. 9? f. 5?

2. CYCLOTUS, n. 520.

1. *C. Inca*. Cyclost. I., *D'Orb.* t. 311.
2. *C. ? trochiforme*. Cyclost. t., *Eydoux*, t. 303. f. 11.
3. *C. ? anguliferus*. Cyclost. a., *Eydoux*, t. 303. f. 9.
4. *C. ?* ——. Cyclost. tacheté, *Eydoux*, t. 303. f. 7.

3. LEPTOPOMA.

1. *L. multilabris*. Cyclost. m., *Quoy*, t. 311. f. 8.
2. *L. novæ hiberniæ*. Cyclost. n., *Quoy*, t. 311. f. 13.

4. OTOPOMA.

1. *O. Listeri*. Cyclost. fimbriata, *Quoy*, t. 311. f. 10.

5. REALIA, n. 525.

1. *R. rubens*. Cyclost. r., *Quoy*, t. 311. f. 11.
2. *R. erosa*. Cyclost. e., *Quoy*, t. 311. f. 12.

6. POMATIAS, n. 529.

1. *P. maculata*. Cyclost. m., *Sturm*, t. 311. f. 19.

7. MEGALOMASTOMA, n. 524.

1. *M. brunnea*. Cyclost. b., *Swainson*, t. 311. f. 15.

Fam. 10. *Oligyradæ*, p. 182.

Eyes on outer side of the base of the tentacula. Operculum annular.

## 1. OLIGYRA, n. 531.

1. *O. flammea*. Helicina f., *Quoy*, t. 311. f. 3.
2. *O. tæniata*. Helicina t., *Quoy*, t. 311. f. 1.
3. *O. sandwichensis*. Helicina s., *Eydoux*, t. 303. f. 10.
4. *O. oresignæ*. Helicina o., *D'Orb.* t. 311. f. 6.
5. *O. zephirina*. Helicina z., *Duclos*, t. 311. f. 2.
6. *O. variabilis*, *Guilding*, t. 290. f. 9, t. 311. f. 7.
7. *O. occidentalis*. Helicina o., *Guilding*, t. 311. f. 4.

## 2. ALCADIA, n. 533.

3. STEGANOSTOMA, *Adams*.Fam. 11. *Aciculadæ*.

Tentacula subulate. Eyes on the head, rather behind and between the tentacula. Operculum horny, spiral, of few rapidly enlarging whorls. Foot divided across (allied to *Truncatella* and *Auricula*).

1. ACICULA, *Hartmann* = *Acmea*, n. 502 = *Pupula*, *Hartmann* = *Truncatella*, *Adams*. Aperture simple.

1. *A. fusca*. Pupa lineata, *Hartmann*, t. 123. f. 9.
2. *A. striata*. *Cyclostoma* s., *Quoy*, t. 123. f. 1.

2. GEOMELANIA, *Pfeiffer* = *Cyclostoma*, sp. *Quoy*. Outer lip expanded, sinuous. 1. *G. jamaicensis*, *Pfeiffer*.

## Class IV. PTEROPODA.

Arranged according to GRAY'S Catalogue of Pteropoda in the Collection of the British Museum, 1850.

## Order I. THECOSOMATA.

A. *Body and shell straight. Operculum none.*Fam. 1. *Cavolinidæ*.1. CAVOLINA, *Gray's Cat. Pterop.* p. 5. (*Hyalæa*, n. 765.)

1. *Cavolina tridentata*. *Anomia* t., *Forsk.* t. 78. f. 10, t. 244. f. 2. *Hyalæa cornea*, *Chiaje*, t. 78. f. 9. *H. Forskalii*, *D'Orb.* t. 78. f. 7, t. 244. f. 11, t. 252. f. 3. *H. tridentata*, *Blainv.* t. 78. f. 11; *Eydoux*, t. 243. f. 2; *Cuv.* t. 244. f. 3, 5, 8; *Van Beneden*, t. 244. f. 4. *Caulinia natans*, *Poli*, t. 44. f. 1, 2, t. 244. f. 4, 6, 7. *H. australis*, *Lesueur*, t. 244. f. 1; ? *Hooker*, t. 245. f. 1, 2, 6.
2. *C. tæniobranchia*. *Hyalæa* t., *Lesueur*, t. 243. f. 5.
3. *C. affinis*. *Hyalæa* a., *D'Orb.* t. 78. f. 3.
4. *C. gibbosa*. *Hyalæa* g., *D'Orb.* t. 78. f. 2; *Eydoux*, t. 243. f. 10.
5. *C. uncinata*. *Hyalæa* u., *D'Orb.* t. 78. f. 5; *Eydoux*, t. 243. f. 6.
6. *C. flava*. *Hyalæa* f., *D'Orb.* t. 78. f. 4.

7. *C. globulosa*. Hyalæa g., *Eydoux*, t. 243. f. 3.
8. *C. angulosa*. Hyalæa a., *Eydoux*, t. 243. f. 1.
9. *C. quadridentata*. Hyalæa q., *D'Orb.* t. 78. f. 6; *Eydoux*, t. 243. f. 7; *Hooker*, t. 245. f. 3.
10. *C. longirostra*. Hyalæa l., *D'Orb.* t. 78. f. 1; *Eydoux*, t. 243. f. 4; *Quoy*, t. 77. f. 12.
11. *C. limbata*. Hyalæa l., *D'Orb.* t. 244. f. 10.
12. *C. labiata*. Hyalæa l., *D'Orb.* t. 77. f. 1; *Eydoux*, t. 243. f. 9.
13. *C. inflexa*. Hyalæa i., *D'Orb.* t. 77. f. 3; *Eydoux*, t. 243. f. 11; *Hooker*, t. 248. f. 4.

2. DIACRIA, n. 767. *Gray, Cat. Pterop.* 10.

1. *D. trispinosa*. Hyalæa t., *Quoy*, t. 77. f. 13; *D'Orb.* t. 77. f. 6, t. 129. f. 3; *Eydoux*, t. 246. f. 1.
2. *D. mucronata*. Hyalæa m., *D'Orb.* t. 77. f. 2, var.?.; *Cuvier, in R. A. Croch.* t. 17. f. 6.
3. *D. depressa*. Hyalæa d., *D'Orb.* (t. 7. f. 11, 14).
4. *D. lævigata*. Hyalæa l., *D'Orb.* t. 78. f. 8; *Eydoux*, t. 243. f. 8.

3. CLIO, n. 768.

1. *C. pyramidata*. Cleodore p., *Lesueur*, t. 246. f. 10; *Hooker*, t. 248. f. 6, ? f. 3, t. 247. f. 6. Hyalæa p., *D'Orb.* t. 77. f. 4; *Cantraine*, t. 247. f. 5. *H. lanceolata*, *Lesueur*, t. 247. f. 4; *Quoy*, t. 247. f. 3; *Eydoux*, t. 246. f. 7. Cleodore de Bromm, *Blainv.* t. 77. f. 9.
2. *C. cuspidata*. Cleodore c., *Quoy*, t. 247. f. 2; *D'Orb.* t. 77. f. 5; *Cantraine*, t. 247. f. 1; *Eydoux*, t. 246. f. 2. *C. quadrispinosa*, *Lesson*, t. 247. f. 11, animal fictitious.
3. *C. Lamartineri*. Var. or n. s. 1. *Hooker*, t. 248. f. 2. 2. *Hooker*, t. 248. f. 1.
4. *C. depressa*, *Eydoux*, t. 246. f. 3.
5. *C. Chaptalii*, *Eydoux*, t. 246. f. 6.
6. *C. pellucida*. Pleuropus p., *Eschsch.* t. 249. f. 7. Cleodore courbée, *Eydoux*, t. 246. f. 8.

4. BALANTIUM, n. 769.

1. *B. recurvum*. Cleodora balantium, *Rang*, t. 247. f. 9. Hyalæa b., *D'Orb.* t. 247. f. 10.
2. *B. inflatum*. Cleodora i., *Eydoux*, t. 246. f. 4; *Hooker*, t. 248. f. 5. Var. and n. s. *Hooker*, t. 248. f. 7.
3. *B. australis*. Cleodore a., *D'Orb.* t. 250. f. 8; *Eydoux*, t. 246. f. 5.
4. *B. rugosum*. Hyalæa r., *D'Orb.* t. 247. f. 7.

5. STYLIOLA=Cresis, n. 772.

\* *Mouth angular*. Cresis.

1. *S. subula*. Cresis spinifera, *Rang*, t. 251. f. 5, t. 77. f. 11. Cleodora subula, *Eydoux*, t. 251. f. 12; *Quoy*, t. 251. f. 9. Hyalæa s., *D'Orb.* t. 2.

\*\* *Mouth circular*. Styliola.

2. *S. virgula*. Cresis v., *Rang*, t. 251. f. 1. Cleodore v., *Eydoux*, t. 250. f. 7, t. 251. f. 11. Creseis caligula, *Eschsch.* t. 249. f. 4. Creseis unguis, *Eschsch.* t. 249. f. 2. Creseis cornucopia, *Eschsch.* t. 249. f. 6. Hyalæa v., *D'Orb.* t. 77. f. 8; *Hooker*, t. 250. f. 1.



3. *S. corniformis*. *Hyalæa* c., *D'Orb.* t. 77. f. 7.
4. *S. recta*. *Cresis aciculata*, *Rang*, t. 251. f. 2. *C. clava*, *Rang*, t. 251. f. 4. *Cleodore aciculata*, *Eydoux*, t. 251. f. 7. *Creseis acus*, *Eschsch.* t. 249. f. 5; *Hooker*, t. 250. f. 3?, 5, 6.
- 4\*. *S.*? —? *Creseis* —, *Eschsch.* t. 249. f. 1.

\*\*\* *Mouth compressed.*

5. *S. striata*. *Cresis* s., *Rang*, t. 251. f. 6. *Hyalæa* s., *D'Orb.* t. 77. f. 10. *Cleodore* s., *Eydoux*, t. 247. f. 8. ? *Creseis compressa*, *Eschsch.* t. 249. f. 3; ? *Hooker*, t. 250. f. 2, 4.

#### Fam. 2. *Tripteridæ*.

1. TRIPTERA, n. 781, *Gray, Cat. Pterop.* 28, and *Cuvieria*, n. 780.
1. *T. columnella*. *Cuvieria* c., *Rang*, t. 252. f. 2. *C. columella*, *D'Orb.* t. 252. f. 1.
2. *T. rosea*, *Quoy*, t. 258. f. 12.

#### Fam. 3. *Cymbuliadæ*.

1. CYMBULIA, n. 782.
1. *C. proboscidea*, *Peron*, t. 252 a. f. 2. *C. Peronii*, *Eydoux*, t. 252 a. f. 1; *Rang*, t. 252 a. f. 3; *Cantr.* t. 251 a. f. 7; *Blainv.* t. 251 a. f. 6, animal reversed; *Desh.* t. 252. f. 6; *Van Beneden*, t. 252. f. 5.
2. *C. ovata*, *Quoy*, t. 251 a. f. 5.
3. *C. radiata*, *Quoy*, t. 251 a. f. 4.
4. *C. punctata*, *Quoy*, t. 251 a. f. 1.
5. *C. Norfolkensis*, *Quoy*, t. 251 a. f. 2.
2. EURIBIA, n. 774.
1. *E. hemisphærica*, *Rang, Ann. Sci. Nat.* xii. 1827, t. 45 β. f. 9.
2. *E. Gandichaudi*, t. 246. f. 9.
3. PSYCHE, n. 773.
1. *P. globulosa*, *Rang*, t. 259. f. 2.
4. TIEDEMANNIA, n. 783.
1. *T. neapolitana*. *Cymbulia* n., *Van Beneden*, t. 252. f. 4. *T. creripetra*, *Krohn*, t. 252. f. 5.

B. *Body and shell spiral. Operculum distinct.*

#### Fam. 4. *Limaciniadæ*.

1. LIMACINA, n. 777.
1. *L. arctica*, *Scoresby*, t. 259. f. 4. *Clio helicina*, *Fabricius*, t. 259. f. 1. *Spiratella limacina*, *Blainv.* t. 259. f. 4.
2. *L. antarctica*, *Hooker, MSS.* t. 259. f. 3, 5, 6.
3. *L. inflata*. *Spirialis rostralis*, *Eydoux*, t. 260. f. 1.
4. *L. rotunda*. *Atlanta* r., *D'Orb. Voy. Amer. Mer.* t. 12. f. 20, 24.
5. *L. ventricosa*. *Spirialis* v., *Eydoux*, t. 260. f. 2.
6. *L. australis*. *Spirialis* a., *Eydoux*, t. 260. f. 4.
7. *L. trochiformis*. *Spirialis trochiformis*, *Eydoux*, t. 260. f. 6.
8. *L. Bulimoides*. *Spirialis Bulimoide*, *Eydoux*, t. 260. f. 5.

## Order II. GYMNOSOMATA.

Fam. 5. *Clioneidæ*.

## 1. CLIONE, n. 789.

1. *C. borealis*, *Pallas*, t. 258. f. 1. *Clio arctica*, *Fabricius*, t. 258. f. 5. *Clio b.*, *Scoresby*, t. 258. f. 4, from life; *Cuvier*, t. 258. f. 2; *Eydoux*, t. 252. f. 1. *C. miquelonensis*, *Rang*, t. 132. f. 7.
2. *C. australis*, *Blainv.* t. 257. f. 2.
3. *C. caudata*, *Eydoux*, t. 253. f. 2.

## 2. CLIODITA, n. 790.

1. *C. caduceus*, *Quoy*, t. 258. f. 7.
2. *C. fusiformis*, *Quoy*, t. 258. f. 6.
3. *C. pyramidalis*, *Quoy*, t. 258. f. 3.

Fam. 6. *Pneumodermidæ*.

## 1. PNEUMODERMON, n. 784.

1. *P. cucullata*, *Peron & Lesueur*, t. 253. f. 4, t. 269. f. 2; *Cuvier*, t. 257. f. 4. *C. Perouii*, *Blainv.* t. 257. f. 5; *Eydoux*, t. 253. f. 3; *Quoy*, t. 257. f. 1.
2. *P. ruber*, *Quoy*, t. 256. f. 3. Var. *Quoy*, t. 256. f. 2.
3. *P. pellucida*, *Quoy*, t. 256. f. 1.
4. *P. violacea*, *D'Orb.* t. 256. f. 5. *Clio capensis*, *Quoy*, t. 132. f. 8.

## 2. SPONGIOBRANCHEA, n. 785.

1. *S. australis*, *D'Orb.* t. 256. f. 4; *Hooker*, t. 258. f. 9.
2. *S. elongata*, *D'Orb.* t. 256. f. 11.
3. —, n. s. t. 16. f. 9.

3. TRICHOCYCLUS, n. 786. 1. *T. Dumerillii*, *Eschsch. Isis*, 1837, t. . f. .4. PELAGIA, n. 787. 1. *P. alba*.Fam. 7. *Cymodoceadæ*.

## 1. CYMODOCEA.

1. *C. diaphana*, *D'Orb.* t. 258. f. 10; ? *Hooker*, t. 258. f. 8.

THE END.

A

L I S T

OF THE

GENERA OF RECENT MOLLUSCA,

THEIR

SYNONYMA AND TYPES.

BY

J. E. GRAY, Esq., F.R.S. ETC.

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[*From the PROCEEDINGS OF THE ZOOLOGICAL SOCIETY for 1847.*]

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1847.



A LIST OF THE GENERA OF RECENT MOLLUSCA, THEIR SYNONYMA  
AND TYPES. BY J. E. GRAY, ESQ., F.R.S. ETC.

The generic names which have been used in Mollusca have become so numerous that I have long thought it desirable that they should be submitted to a rigid examination, for the purpose of reducing those which are only synonyms of genera already established; and for the purpose of doing so with justice to previous writers, it is necessary that attention should be paid to the dates of their original publication, which have been too much neglected by several writers in this branch of zoology.

I have therefore sent to the Society the following list, which, though I have paid great attention to the subject, I am aware is yet very imperfect, as a commencement in what I consider the right direction, and I hope that it may be the means of drawing the attention of other students of this class of animals to the subject. I have been induced to send it in its present state, as I am constantly requested by both English and continental conchologists to supply them with copies of the Synopsis of the British Museum for 1838, 1840, 1842, and 1844, which contains a list of the genera of Mollusca, and which is now out of print, and also often to give them information with regard to the authorities for the several genera contained in that list, which shows that there is an evident want of some recent information on this subject.

It is needless for me now to dilate on the importance of attending to the law of priority, which I have always advocated, for that is now almost universally allowed; yet I am quite prepared for hearing several conchologists complain of the changes which the observance of this just law will force them to make: thus *Cyclostoma* and *Helicina*, instead of being applied to land-shells, must be the names of the *Delphinula* and *Rotella* of Lamarck's 'Histoire'; *Terebellum* that of *Turritella* of the same author; so that though these generic names are still used, they will have a different signification to their present one. Other names in very general use, as *Oliva*, &c., will have to be erased from the system, for this genus was established and well-characterized under the name of *Strephona*, by Browne (along with several other genera), between the publication of the tenth and twelfth editions of Linnæus's 'Systema Naturæ,' though it has been overlooked by Lamarck and other authors.

I may here observe that the change with respect to *Cyclostoma* and *Helicina* is produced by Lamarck having used the same names with very different significations in his 'Système' and 'Histoire.' In the latter of these works he has in one or two instances altered the names which he had previously given to a genus; and in like manner allowed the names before used, such as *Meretrix* and *Donacilla*, to drop out of the system, no notice being taken of the change or its cause.

The method I have followed is to observe the first name given to the genus and the type on which it was founded, and then to accumulate the synonyma around the genus. Where a succeeding author has referred to a different species as the type of the genus, I have

given the name in a new line, as at some future period that type may be proved really to belong to a different genus; and when any succeeding author has established a genus on any species which appears to belong to the before-established genus, it is in a similar manner placed under the proper head, with the synonyma belonging to that type. The type on which the genus or subgenus, as it may hereafter prove, was founded, is also given, so that if such type at some future period prove to be distinct from the one under which I have placed it, the synonyma of the genus will be at once seen. But the names which occur under each head are, according to my present views, to be regarded as synonyma of the genus under which they are arranged.

In respect to Lamarck's 'Système,' De Montfort's 'Conchology,' Megerle's 'Essay,' Schumacher's 'New System,' Blainville's 'Manuel,' and other works which only give the genera, and simply mention one or two examples as the types of their genus, the species they give as types are here cited; but in works like Linnæus's 'Systema Naturæ,' and Lamarck's 'Histoire,' which give the species of Mollusca, it is not so easy to determine which species the author intended for the type of his genus. In these cases I have chosen either the best known species, or, if the author has given figures, the species which he has figured; the latter is the course that I have adopted with respect to Risso's work, whose genera are so difficult to understand.

In the Linnæan genera in which there is room for doubt, from the miscellaneous character of the species referred to by the author, I have considered the name as restricted to the type which the earliest author after Linnæus has quoted for it: thus as Montfort quotes *Trochus niloticus* as the type of *Trochus*, and Lamarck *Chiton gigas* as the type of *Chiton*, I have regarded these species as the types of the Linnæan genera. This has not been done without consideration, as I was at first inclined to regard the species figured in the plates of the *Fundamenta Testaceologiæ* (Amœn. Acad. viii. 1785, 107) of Linnæus which are given as illustrative of the greater number of his genera, and of the terms used in describing them, as the types; but I do not think that he had any idea of so considering them, for he gives two species of *Arca*, four of *Patella*, three of *Cypræa*, four of *Murex*, five of *Trochus*, three of *Strombus*, and two of *Anomia*; while the genera *Conus*, *Mytilus* and *Pinna* are not illustrated. Should these figures have been regarded as the types of his genera, then *Ostrea pallium* would be the type of *Ostrea*, *Donax scripta* of *Donax*, *Chama gigas* of *Chama*, *Buccinum Harpa* of *Buccinum*, *Mya pictorum* of *Mya*, *Solen strigillatus* of *Solen*, and *Nautilus Beccaria* of *Nautilus*; species which certainly are not the best that could be chosen to agree with his characters, and to have adopted which would have greatly confused the science.

There is a series of works which appeared between the time of Linnæus and Lamarck which added much to the progress of conchology, but which have been overlooked by the conchologists of the Lamarckian school, as for example 'Meuschen Museum Geverianum,'

Svo, 1787; 'Humphrey's Catalogue of the Calonne Collection,' 8vo, 1797; and the 'Museum Boltenianum,' 12mo, 1798 (which was reprinted at Hamburg in 1819, but neither edition has occurred to me). These catalogues foreshadow the genera which have been since formed and generally adopted, but as they are mostly without characters, or with only very slight ones, I have not adopted the generic names they have given, except where their groups exactly corresponded with those which are now used, and to which new names have been applied, as for example *Neritella* for *Neritina*, &c.; or where the name used by the more modern author was necessary to be changed, because it had previously been used for some other genus of Mollusca.

I have been as careful as I could to give the proper dates of the various genera, especially where there was any doubt about the priority of a name; but where there was no doubt, as for example in the genera named by Lamarck between the publication of his 'Système' and his 'Histoire,' I have been satisfied with giving the dates of the volume of the latter work, without searching out the exact date of the publication in Lamarck's various papers; and I have followed the same course with regard to De Blainville's genera which appeared before the date of his 'Manuel' in the different volumes of the 'Dictionnaire des Sciences Naturelles'; but there are certain works the dates of which it is very difficult to ascertain, such for example as Ferussac's, which have no date marked on them. Others, such as D'Orbigny's 'South America,' the publication of which was spread over eleven years, from 1835 to 1846, and some other works of this author, are in the same predicament, the plates often appearing irregularly, and the text sometimes not till near the completion of the work. The same difficulty occurs in some of our English works, as Sowerby's 'Genera' for example; in these cases the dates assigned can only be regarded as approximative.

I have nearly confined the list to the genera which occur in the recent state: first, because, though I have paid considerable attention to fossil shells, I am not so well acquainted with them as with the recent ones; secondly, because the genera of fossil shells, which must depend on the study and organization of the recent ones, are not so well understood as those which now occur. And the increase in the knowledge of the animal gives us more and more reason to distrust our conclusions with regard to arrangements founded on the study of the shell alone, for it is impossible amongst the recent shells to distinguish the following genera:—

<i>Tectura (Lottia)</i>	from . . . . .	<i>Patella</i> ;
<i>Ancylus</i>	„ . . . . .	<i>Siphonaria</i> ;
<i>Scutella</i>	„ . . . . .	<i>Patella</i> ;
<i>Philippia</i>	„ . . . . .	<i>Solarium</i> ;
<i>Vermetus</i>	„ . . . . .	<i>Serpula</i> ;
<i>Dentalium</i>	„ . . . . .	<i>Ditrupa</i> ;

though the four first each belong to different families of Mollusca, and the two latter are Mollusca, and their resemblances Annelides. The knowledge of the animals of *Nautilus* and *Spirula* now renders it



doubtful if *Orthocera* and other allied fossil genera are Decapodous, or Dibranchiate Cephalopods.

The arrangement followed is that which was proposed in the Synopsis of the Contents of the British Museum for 1838, and which has been gradually modified in the different editions, as I have become better acquainted with the animals of the different genera; and one or two alterations have been made for the same reason in this edition of the list. It is founded on the examination of the animals of all the molluscans contained in the London and Paris collections, as well as of all the drawings or engravings of the animals which I have been enabled to see, exceeding more than five thousand species, being at least one hundred times as many animals as were known when Lamarck proposed his system, and fifty times as many as were known to Cuvier when he published his system in the 'Animal Kingdom.'

### Fam. I. STROMBIDÆ.

1. *Strombus*, *Linn.* 1754, *Lam.* 1801, *Montf.* 1810; not *Strombus*, *Browne*, 1756. *Alatae*, *Gevers.* 1787. *Alatus*, *Humph.* 1797. *Lambis*, *Bolten*, 1798. *Strombus pugilis*, *Linn.*  
*Conchilium*, *Browne*, 1756. *Strombus gigas*.  
*Canarium*, *Schum.* 1817. *Strombidea*, *Swains.* 1840. *St. urceus*.  
*Pterocera*  $\alpha$ , *Schum.* 1817. *St. latissimus*.  
*Strombus*  $\beta$ , *Schum.* 1817. *St. epidromis* and *St. auris Dianæ*.
2. *Pterocera*, *Lam.* 1801. *Strombus Pterocere*, *Blainv.* *Lambis*, sp. *Bolten*, 1798. *Pteroceras*, *Sow.*, *Swains.* 1840. *Aporrhais*, *Rondel.* *Strombus*, *Humph.* 1797. *St. lambis*.  
*Pteroceres*, *Montf.* 1810. *Pterocera*  $\beta$ , *Schum.* 1817. *St. scorpius*.  
*Harpago*, *Klein*, 1783. *St. Chiragra*.
3. *Fusus*, *Humph.* 1797. *Rostellaria*, *Lam.* 1801, *Schum.* 1817. *Rostellum*, *Montf.* *St. clavus*.  
*Strombus fissurellus*, *Linn.*  
*Hippochrenes*, *Montf.* 1810. *Hippocrena*, *Schweig.* 1820. *Hippocrenes*, *Brown*, 1824. *Hippocrene*, *Latr.* 1825. *Rostellaria*  $\beta$ , *Blainv.* 1825. *St. amplus*, *Brander*.
4. *Seraphys*, *Montf.* 1810. *Terebellum*, sp. *Lamk.* *Voluta*, sp. *Oken*, 1815. *Bulla sopita*, *B. volutata*, *Brander*.  
*Terebellum*, *Lam.* 1801, *Montf.* 1810, p. 379 (not 11), not *Browne*, 1756. *Bulla Terebellum*.

### Fam. II. MURICIDÆ.

#### a. TRITONINA.

5. *Apollon*, *Montf.* 1810. *Ranella granifera*, *Lamk.*  
*Ranella*, *Lam.* 1812. *Rana*, *Humph.* 1797. *Bufo*, *Montf.* 1810, not *Daud.* *Murex gyrius*, *Linn.*  
*Buffonaria*, *Schum.* 1817. *M. spinosus*.  
*Gyrina*, *Schum.* 1817. *Apollon*, *Blainv.* *Murex reticularis*, *Linn.*

- Columbaria, *Schum.* 1817. *M. conditus*, *Gmel.*  
 Triton, sp. *Quoy.* *Tr. leucostoma.*  
 Biplex, *Perry*, 1811. *Bip. perca.*
6. Triton, *Montf.* 1810, *Lam.* 1812. Tritonium, *Cur.* 1817. Buccinum, sp. *Browne*, 1756; *Humph.* 1797. Lampusia, sp. *Schum.* 1817. *M. tritonis*, *Gm.*  
 Lampusia, *Schum.* 1817. *M. pileare.*  
 Lotorium, *Montf.* 1810. Buccinum, sp. *Browne.* *M. lotorium.*  
 Aquillus, *Montf.* 1810. *M. cutaceus.*  
 Lampas, *Schum.* 1817. *M. lampas.*  
 Ranularia, *Schum.* 1817. *M. clavator.*  
 Cumia, *Bivon*, 1838. *Ran. lanceolata*, *Menke.*  
 Monoplex, *Perry*, 1811. *M. olearium.*
7. Persona, *Montf.* 1810. Distortio  $\alpha$ , *Bolten*, 1798. Distorta, *Schum.* 1817. *M. anus.*
8. Pisania, *Bivon*, 1832. Pollia, sp. *Gray*, 1839. Tritonidea, sp. *Swains.* 1840. Pusio, *Gray*, 1834. Bucc. maculosum, *Lam.*  
 Mitrella, sp. *Risso*, 1826, f. 64. Pisania, sp. *Bivon.* Bucc. D'Orbigny, *Payr.* t. 8. f. 4, 6.  
 Tritonidea, *Swains.* 1840. Triton, sp. *Lam. E. M.* Bucc. undosum, *Linn.*  
 Rapana  $\beta$ , *Schum.* 1817. Pollia, sp. *Gray*, 1839. Bucc. tranquebaricum.  
 ? Lachesis, *Risso*, 1826, f. 65, young shell. Lechesis, *Kiener.*  
 ? Nesea, *Risso*, 1826, f. 67, young; f. 69, adult.  
 Columbella, sp. (triumphalis), *Duclos.* Pollia, sp. *Gray*, 1839.  
 Fusus (articulatus), *Lam.* Pollia, sp. *Gray*, 1839. Pusio, sp. *Gray*, 1834. Bucc. plumatum.  
 Pusio, *Gray*, 1834. Pusio elegans.
9. Enzina (zonata), *Gray*, 1839.  
 Columbella, sp. pyrostoma, *Sow.*
10. Murex, *Linn.*  
 Murex, *Lam.* 1801. Brontes, *Montf.* 1810. Haustellum, *Schum.* 1817. Haustellaria, *Swains.* 1833. *M. haustellum.*  
 Murex, *Montf.* 1810, *Swains.* 1833. Haustellum  $\gamma$ , *Schum.* 1817.  
 Aranea, *Perry*, 1811. *M. tribulus.*  
 Haustellum  $\delta$ , *Schum.* 1817. *M. Brandaris.*  
 Pyrella, *Swains.* 1840. Haustellum  $\alpha$ , *Schum.* 1817. Turbinellus, sp. *Swains.* 1833. Pyrula, sp. *Brug. E. M.* *M. spirillus.*  
 Ocenebra, *Leach MSS.* 1818. Tritonalia, *Flem.* 1828. Triton, sp. *Thomp.* *M. erinaceus.*  
 Iaton, *Pusch*, 1837. Iaton, *Adans.* *M. lingua.*  
 Centronotus, *Swains.* 1833. Muricanthus, *Swains.* 1840. *M. radix.*  
 Pteronotus, *Swains.* 1840. *M. pinnatus.*  
 Chicoreus, *Montf.* 1810. Phyllonotus, sp. *Swains.* 1840. Purpura, sp. *Browne*, 1756; *Martyn*, 1764?; *Schum.* 1817 (not *Lam.*).  
 Triplex, *Humph.* 1797. *M. ramosus.*  
 Phyllonotus, *Swains.* 1833. *M. imperialis.*

- Purpura, *Humph.* 1797. *M. trunculus*.  
 Cerastoma, *Conrad*, 1837. Cerastoma and Ceratostoma, *Herrm.*  
 1846. *M. monodon*, *Sow.*  
 Vitularia, *Swains.* 1840. *M. miliaris*, *Gmel.*  
 Typhis, *Montf.* 1810. *M. pungenis*.
11. Trophon, *Montf.* 1810. Muricidea, *Swains.* 1840. Murex  $\alpha$ ,  
*Schum.* 1817. *M. magellanicus*.  
 Tritonium *b*, *Loven*, 1846. *M. lyratus*.
- b. CONINA.*
12. Turris, *Humph.* 1797. Pleurotoma, *Lam. E. M.* and 1801, *Schum.*  
 1817, *Swains.* 1840. Pleurotomus, *Montf.* 1810. Murex baby-  
 lonicus.  
 Pleurotoma, *Sw.* 1841. *M. virgo*.  
 Turricula, *Schum.* 1817. *M. Javanus*.  
 Perrona, *Schum.* 1817. *M. Perron*, *Gmel.* 167.  
 Tomella, *Swains.* 1810. Clavatula, sp. (lineata), *Lam.* 10.  
 Melatoma, *Swains.* 1840 (not *Anthony*), 342. f. 104.  
 Genot, *Adans.* 1757. Pleurotoma mitreformis, *Gray, Wood's*  
*Supp.* t. 5. f. 5.
13. Clavatula, *Lam.* 1801. Brachystoma (castanea), *Swains.* 1840.  
*M. clavatulus*, *Gmel.*, *Chem.* xi. f. 1831, 1832. Clavicantha,  
*Swains.* 1840. Clav. imperialis, *Lam.*  
 Clavus, *Montf.* 1810. Clavatula, *Blainv.* 1826. Clavicantha, sp.  
*Swains.* 1840. Strombus lividus, *Gmel.*  
 Clavatula (sulcata), *Swains.* 1840, *Chem.* xi. f. 1829. "Pl. flavi-  
 dula, var.," *Kiener*.  
 Pleurotoma, *Flem.* 1828. *M. sinuosus*, *Montag.*  
 Drillia (umbilicata), *Gray*, 1838, *Ann. N. II.*  
 Crassispira (fasciata), *Swains.* 1840, 152. f. 17 d. 313.  
 Brachystoma, *Swains.* 1840, 314. Pleur. strombiformis, *Sow.*  
 Conopleura (striata), *Hinds*, 1844.  
 Daphnella (marmorata), *Hinds*, 1844.
14. Bela, *Leach*, 1817. Mangilia, *Loven*, 1846. Murex nebula, *Montf.*  
 Defrancia, *Moller*, not *Millet*. Tritonium \*\* *b*, *Loven*. Mur. tur-  
 ricula, *Montag.*  
 ? Mangelia, *Risso*, 1826, f. 130. Ishnula, *Clarke*. (See also Man-  
 gelia, *Risso*, f. 97, 99.)
15. Mangelia, *Leach*, 1817.  
 Mangelia (striolata), *Risso*, 1826, f. 101. Pleur. tæniatum, *Desh.?*  
 ? Mangelia, "Leach," *Hinds*, 1844. *M. cinnamomea*.  
 N.B. Mangelia, *Risso*, fig. 102, 103, are *Rissoinæ*.
16. Defrancia, *Millet*, 1826 (*Ann. Soc. Linn. Paris*), *Loven*, 1846.  
 Mur. linearis, *Montf.*  
 Pleurotoma, sp. (purpureum), *Philippi*. Murex purpureus, *Montf.*
17. Anna (Massena), *Risso*, 1826, f. 68. Bacc. Scacchianum, *Phi-*  
*lippi*, ii. 188. t. 27. f. 5.

- Buccinum (minimum), *Montf.*, *Philip.* ii. 189. *Fusus turrnellatus*, *Desh.*
18. *Conus*, *Linn.* *Voluta*, *Brown*, 1756, not *Linn.* *Strombus*, *Adans.* 1757, not *Linn.*  
*Conus*, *Lam.* 1801. *C. marmoreus.*  
*Conus*, *Montf.* 1810, *Swains.* 1840. *C. generalis.*  
*Coronaxis*, *Swains.* 1840. *C. bandanus.*  
*Puncticulis*, *Swains.* 1840. *C. arcuatus.*  
*Rhombus*, *Montf.* 1810. *C. bandanus.*  
*Rollus*, *Montf.* 1810. *Utriculus*, *Schum.* 1817. *C. geographicus.*  
*Tuliparia*, *Swains.* 1840. *C. Tulipa.*  
*Cylindrella*, *Swains.* 1840; not *Pfeiffer*, 1840. *C. asper.*  
*Conolithes*, *Swains.* 1840. *C. antediluvianus.*  
*Dendrococcus*, *Swains.* 1840. *C. betulinus.*  
*Cylinder*, *Montf.* 1810. *Textilia*, *Sw.* 1840. *C. textilis.*  
*Hermes*, *Montf.* 1810. *Theliconus*, *Sw.* 1840. *C. musatella.*  
*Leptoconus*, *Sw.* *C. grandis.*  
*Conorbis*, *Sw.* *C. dormiter.*
19. *Colus*, *Humph.* 1797. *Fusus*, *Lam.* 1801, *Montf.* 1810, *Schum.* 1817, not *Humph.* *Mur. colus.*  
*Busyeon*, sp. *Bolten*, 1798. *Murex aruanus.*
20. *Sycotypus*, *Browne*, 1756. *Ficus*, *Bolten*, 1793; *Humph.* 1797.  
*Pyrula*, *Lam. E. M.* and 1801, *Montf.* 1810, *Schum.* 1817.  
*Ficula*, *Swains.* 1840. *Bulla ficus.*
21. *Cassidulus*, *Humph.* 1797. *Melongena*, *Schum.* 1817. *Pyrula*, sp. *Lam.* *Myristica*, sp. *Swains.* *Mur. melongena*, *L.*  
*Pyrula*, sp. (spirata), *Lam.* 1822. *Bulla pyrum.*  
*Pugilina*  $\beta$ , *Schum.* 1817. *Ficus*, sp. *Humph.* 1797. *Fusus*, sp. *Lam.* 1822. *Mur. morio.*  
*Pugilina*  $\alpha$ , *Schum.* 1817. *Pyrula*, sp. *Lam.* *M. pyrum.*  
*Hemifusus*, *Swains.* 1840. *Fusus colosseus*, *Lam.*  
*Myristica*, sp. *Swains.* 1840. *Mur. hippocastanum*, *Born.*
22. *Fulgur*, *Montf.* 1810. *Pyrula*, *Swains.* 1840. *Pyrula*, sp. *Lam.* *M. perversus.*  
*Pyrula*, sp. (carica), *Lam.* 1822.
23. *Rapana*  $\alpha$ , *Schum.* 1817. *Pyrula*, sp. *Lam.* *Purpura*, sp. *Kiener.*  
*Muriciformis*, *Gerers.* *Bucc. Bezoar*, *Linn.*  
*Murex*, sp. (Rapa), *Linn.*  
*Latiaxis*, *Swains.* 1840. *Pyrula Mawæ*, *Gray.*  
*Rapella*, *Swains.* 1840. *Ficula*, sp. (caudata), *Swains.* 1840. *Bulbus*, sp. *Humph.* 1797. *Pyrula*, sp. *Lam.* *Bulla rapa.*
24. *Cuma*, *Swains.* 1840. *Cuma*, part. *Humph.* *C. sulcata*, *Swains.* 1840, 87. f. 4.
25. *Latirus*, *Montf.* 1810 (*Lathirus* or *Lathyrus*, *Gray*). *Fusus*, sp. (filosus), *Lam.* 1822. *Mur. gilbulus*, *Gmel.*  
*Polygona*, *Schum.* 1817. *Turbinellus*, sp. *Lam.* 1822. *Plicatella*,

- sp. *Swains.* *Fusus*, sp. *Lam. E. M.* and *Quoy.* Mur. infundibulum.
- Plicatella, *Swains.* 1840. *Turbinellus*, sp. *Lam.* *Fusus*, sp. *Quoy.* Mur. polygonus.
26. *Fasciolaria*, *Lam.* 1801, *Montf.* 1810. *Fusus*, sp. *Quoy & Gaim.* *Pyrula*, *Perry*, 1811. *Cuna*, sp. *Humph.* 1797. Mur. *Tulipa*, *Linn.*
27. *Turbinellus*, *Lam.* 1801, *Montf.* 1810. *Voluta canaliculata*, *Scopoli*, 1777. *Turbinella*, *Lam. E. M.* and 1822. *Rapum*, *Humph.* 1797. *Voluta pyrum.*
28. *Cynodonta*, *Schum.* 1817. *Scolymus*, part. *Swains.* 1840. *Turbinella*, part. *Lam.* *Volutella*, sp. *Perry*, 1811. Vol. *ceramica.* *Scolymus*, sp. *Swains.* 1840. Vol. *turbinellus.*
29. *Lagena*, *Schum.* 1817. *Turbinella*, sp. *Lam.* *Plicatella*, sp. *Swains.* Bucc. *rusticum.* *Leucozonia.* *Fasciolaria*, sp. *Lam. E. M.* *Turbinella*  $\beta$ , *Blainv.* Mur. *nassa.* *Monoceros*, sp. (*cingulatum*), *Lam.* 1822, not 1812.
30. *Cancellaria*, *Lam.* 1801. *Cancellarius*, *Montf.* 1810. *Buccinella*, *Perry*, 1811. *Murex*, *Humph.* 1797. Vol. *reticulata.* *Trigona*, *Perry*, 1811. *Trigonostoma*, *Blainv.* 1825. *Cancellaria*, sp. *Desh.* *Delphinula trigonostoma*, *Lam.* 1818. *Cancellaria abnormis*, *Gray.* *Admete (crispa)*, *Moller*, 1842. *Tritonium*, sp. (*viridula*), *O. Fab.* *Murex*, sp. (*costelliferus*), *Sow.* *Cancellaria*, sp. *Gould, Loven.* *Admete crispa.* ? *Macromphalus (reticulatus)*, *S. Wood*, 1842.
31. *Separatista.* *Turbo*, sp. *Gmelin, Chemn.* x. f. 1589, 1590. *Turbo helicina*, *Gmel.* ? *Cornu*, *Schum.* 1817, 255, *Chemn.* x. f. 1273. *Argonauta Cornu*, *O. Fab.*
32. *Struthiolaria*, *Lam.* 1812. *Triton*  $\epsilon$ , *Blainv.* 1825. Mur. *stramineus.*
33. *Aporrhais*, *Aldrov., Da Costa*, 1778. *Aporrhais*, *Swains.* 1837. *Chenopus*, *Philippi*, 1836. *Rostellaria*, sp. *Lam.* 1822. *Tritonidium*, sp. *Müller.* *Strombus Pes-pelecani.*
34. *Chorus*, n. g. *Purpura*, sp. *Blainv.* *Monoceros giganteus*, *Lesson.*
35. *Gastridia.* *Pseudoliva*, *Swains.* 1840. *Pseudodactylus*, *Herrm.* 1847. *Eburna*, sp. *Sow.* Buc. *plumbeum.* *Struthiolaria?* *monoceros*, *Gray.* *Monoceros*, *J. Lea*, 1833, not *Lam.* Mon. *fusiformis*, *Lea.* *Fusus*, sp. *J. Lea.* ? *Monoceros*, sp. *J. Lea*, 1833, not *Lam.* *Fusus Taitii*, *J. Lea*, young? *Monoceros pyruloides*, *Lea.*
36. *Leiotomus*, *Swains.* 1840. *Fusus*, sp. *Lam.* M. *Bulbus*, *Brand.*

37. *Clavella*, *Swains.* 1837. *Clavellithes*, *Swains.* 1840. *Fusus*, sp.  
*Lam.* *M. longævus*, *Brand.*
38. *Cyrtulus serotinus*, *Hinds*, *Zool. Sulph.* 1844.
39. *Chrysodomus*, *Swains.* 1840. *Murex*  $\beta$ , *Schum.* *Tritonium*,  
*Müller*, *Loven*, 1846, not *Curier*, 1817. *Mur. antiquus*.  
*Atractus*, *Agassiz*, 1840. *M. corneus*.
40. *Pusionella*, *Gray.* *Terebra* (*Nifat*), *Adans.* 1757. *Fusus*, sp.  
*Lam.* *Mur. Pusio*, *Born.*  
*Tritonidea* (sp.), *Swains.* 1840. *Fusus aculeiformis*, *Lam.*
41. ? *Atractodon*, *Charlesworth*, *Mag. N. H.*

## Fam. III. BUCCINIDÆ.

## CASSIDINA.

42. *Cassis*, *Browne*, 1756 ; *Scopoli*, 1777 ; *Lam.* 1801 ; *Montf.* 1810.  
*Cassidea*, *Brug.* *Cassida*, *Humph.*, not *Linn.* *Buc. flammeum*.  
*Cassidea*  $\beta$ , *Schum.* 1817. *Buc. cornutum*.  
*Cassidea*  $\alpha$ , *Schum.* 1817. *Buc. rufum*.  
*Cypræcassis*, *Stutchbury*, *Swains.* 1840. *Bucc. Testiculum*.
43. *Bezoardica*  $\alpha$ , *Schum.* 1817. *Cassidea*  $\beta$ , *Swains.* 1840. *Cassis*,  
sp. *Scopoli.* *Cassidea*, sp. *Brug.* *Bucc. glaucum*.  
*Bezoardica*  $\beta$ , *Schum.* *Bucc. areolatum*.
44. *Levenia*, *Gray*, 1847. *Cassis coarctatum*, *Gray*.
- 44\*. *Morio*, *Montf.* 1810. *Cassis*, sp. *Martini.* *Cassidaria*, *Lam.*  
1812, 1822. *Echinora*, *Schum.* 1817. *Cassidarea*, *Swains.* 1840.  
*Cassidea*, sp. *Brug.* *Bucc. echinophorum*.
45. *Sconsia*, *Gray*, 1847. *Oniscia* (*Alicia*), *Risso*, 1826. *Cassidaria*  
*striata*, *Lam.* 1822.
46. *Oniscia*, *Sow.* 183 ? *Oniscidia*, *Swains.* 1840. *Cassidaria*, sp.  
*Kiener.* *O. cancellata*, *Sow.*
47. *Morum*, *Bolten*, 1798. *Hystrix*, *Humph.* 1797. *Ersina*, *Gray*,  
1840. *Cassidaria*, sp. *Lam.* 1822. *Cassidea*  $\gamma$ , *Schum.* 1817.  
*Oniscia*, sp. *Sow.* *Conus*, sp. *Scopoli*, 1777. *Cassidea*, sp. *Brug.*  
*Strombus oniscus*, *Linn.*
48. *Cythara*, *Schum.* 1817. *Cancellaria*, sp. *Lam.* 1822. *Strombus*  
*jun.*, *Deshayes.* *Caucellaria citharella*, *Lam.*
49. ? *Mingeria bicolor*, *Gray*, *B.M.*
50. *Dolium*, *Browne*, 1756 ; *Humph.* 1797 ; *Montf.* 1817. *Cadus*,  
*Bolten*, 1798. *Purpura* (*Mingac*), *Adans.* *Bucc. galea*.  
*Perdix*, *Montf.* 1817, not *Linn.* *Purpura Tesan*, *Adans.* *Dolium*,  
sp. *Browne*, 1756. *Bucc. Perdix*.
51. *Malea*, *Valenc.* 1833. *Cassidea*, sp. *Swains.* *Dolium*, sp. *Menke.*  
*D. ringens*, *Swains.* *D. personatum*, *Menke.*  
*Cassis labrosa*, *Martini.* *Dolium*, sp. *Lam.* *Bucc. pomum*.



52. Harpa, *Humph.* 1797, *Lamk.* 1801, *Montf.* 1810. Sistrum, sp. *Oken*, 1815. Buccinum, sp. *Lam.* Bucc. Harpa.  
Buccinum, sp. (stromboides), *Lamk.* Scaphella, sp. *Swains.* 1840, 122. f. 12. a, b.
53. Columbella, *Lam.* 1801, *Schum.* 1817, *Swains.* 1840. Columbus, *Montf.* 1810. Voluta submarginata, *Scopoli*, 1777. Buccinum (barnet), *Adans.* 1757. Voluta mercatoria.  
Cionella (picata), *Swains.* 1840, 312. 151. 153. 220.  
Comidea (semipunctata), *Swains.* 1840, 312. 151. f. 17. b. Voluta discors.  
Pusiostoma (punctata), *Swains.* 1840, 313. 151. 153.  
Nitidella, *Swains.* 1840, 313. 151. f. 17. e. Col. nitida, *Lam.*  
Pisania, sp. *Biron*, 1832. Mitrella, sp. (flammea), *Risso*, 1826, f. 144. Fusus glaber, *Risso*, 1826, f. 129. Purpura, sp. *Risso*, f. 88. Bucc. corniculatum, *Lam.*
- 53\*. Sinusigera, *D'Orb. Amér. Méc.* 429, not described.
54. ? Cominia, *Brown*, 1844 (Ill. Conch.). Jaminia, sp. *Brown*, 1827. Voluta hyalina, *Montf.*

## PURPURINA.

55. Purpura, *Lamk.* 1801, *Blainv.* Buccinum, *Schum.* 1817. Systrium, sp. *Oken*, 1819. Bucc. persicum.  
Purpura, *Swains.* 1840. P. coronata, *Lam.*  
Stamonita, *Schum.* 1817. ? Sistrum, *Oken.* Bucc. hæmastoma.  
Microstoma, *Swains.* 1840. Bucc. patulum.  
Vexillum, *Swains.* 1840. Strombus vexillum, *Linn.*  
Trochia, *Swains.* 1840. Triton, sp. *Lam. E. M.* Bucc. scaia.  
Polytropha, *Swains.* 1840. Bucc. lapillus.  
Ricinella  $\beta\beta$ , *Schum.* 1817. Purpura Histrix, *Lam.*  
Nassa and Lagena, sp. *Bolten*, 1798.
56. Pedicularia (sicula), *Swains.* 1840, 357. f. 44; *Gray*, 1846 (*Ann. N. H.*). Thyreus (paradoxus), *Philippi*, 1844.
- 56\*. Concholepas, *Favan.*; *Lam.* 1801, *Montf.* 1810. Buccinus, sp. *Brug.* Purpura, sp. *Blainv.* Patella Lepas, *Gm.*
57. Acanthiza, *Fischer*, 1807 (Mus. Demid.). Monoceros, *Lam.* 1812, 1822, not *Flem.* Unicornus, *Montf.* 1810. Rudolphia, *Schum.* 1817. Rudolphus, *Chemn.* Purpura a, *Blainv.* Thais, sp. *Bolten*, 1798. Bucc. monoceros.
58. Planaxis, *Lam.* 1822, not *Risso*, 1826; *Blainv.* 1828. Bucc. sulcatum.  
Hinea, *Leach MSS.* 1817. Plan. mollis, *Sow.*
59. Quoyia, *Desh. MSS.* 1830; *Gray*, 1839. Leucostoma, *Swains.* 1840, 172. f. 24. Fissilabria, *T. Brown*, 1836 (*Edinb. Jour. N. H.*). Quoyia, *Desh.* 1843. Planaxis decollata, *Quoy and Desh.*



60. Sistrum, *Montf.* 1810. ? *Mur. ricinus*.  
*Ricinula*, *Lamk.* 1812, 1822; *Blainv.* 1823. *Ricinella*, *Schum.*  
 1817. *Purpura*, sp. *Kiener.* *Murex neritoideus*.  
*Morula*, *Schum.* 1817, 227. *Ricin. morus*, *Lam.*  
*Ricinella*  $\beta$ , *Schum.* 1817. *Ricin. digitata*, *Lam.*
61. *Campulotus*. *Campulote*, *Guet.* 1759. *Magillus*, *Montf.* 1810,  
*Blainv.* *Tubulites*, *Davilla.* *Spirobranchus*, *Blainv.* *M. anti-*  
*quus*, *Montf.*  
*Leptoconchus*, *Rüpp.* 1835. *M. Peronii*, *Lam.*

## BUCCININA.

62. *Buccinum*, *Linn.?*, *Lam.* 1801, *Montf.* 1810. *Tritonium*, *O. Fab.*,  
*Schum.* 1817. *Tritonium* \* \*, *Loven*, 1846. *Bucc. undatum*.
63. *Latrunculus*. *Nassa*, *Schum.* 1817. *Eburna*, sp. *Lam.* 1822, not  
 1801. *Eburna*, *Swains.* 1840. *Bucc. spiratum*.  
*Eburna zetlandica*, *Lam.*
64. *Trichotropis*, *Brod. & Sow.* 1829. *Trichopodus*, *Swains.* 1840,  
 211. *Trichotropus*, *Lesson.* *Trocophore*, *Desh. E. M.* 1830.  
*Turbo carinatus*, *Sow.*  
*Trichotropis* \*, *Sow.* *Murex carinatus*, *Laskey.*
65. *Acus*, *Humph.* 1797. *Terebra*, *Lam.* 1801. *Subula*, *Schum.* 1817,  
*Blainv.* 1825. *Bucc. maculatum*.  
*Terebrum*, *Montf.* 1810. *Bucc. subulatum*.  
*Subula*  $\beta$ , *Schum.* 1817. *Bucc. dimidiatum*.  
*Eburna*  $\beta$ , *Schum.* 1817. *Leiodomus*, sp. *Swains.* *Bucc. vittatum*.
66. *Dorsanum*. *Bucc. politum*, *Lam.*  
*Bucc. lineolatum*, *Wood, Supp.*

## NASSINA.

67. *Bullia*, *Gray*, 1834 (*A. King*). "*Bulliana, Gray.*" *Buccinum*, sp.  
*Lam.* 1822. *Bucc. semiplicatum*, *Wood.*  
*Leiodomus*, sp. *Swains.* 1840. *Buccinum a Eburnes*, *Blainv.* *Te-*  
*rebra (arvan)*, *Adanson.* *Bucc. digitale*.  
*Buccianops*, *D'Orb. A. M.* *Bucc. Cochlidium*.
68. *Nassa*, *Lam.* (1799), 1801; *Montf.* 1810, not *Schum.* *Bucc.*  
*areularia*.  
*Monoceros*, *Flem.*, not *Lam.* *Bucc. hepaticum*, *Montf.*  
*Planaxis*, *Risso*, 1826, f. 136, not *Lam.* *Tritia*, *Risso MSS.* *Hinia*,  
*Leach MSS.* 1817. *Nasa*, *Flem.* *Bucc. reticulatum*.  
*Alectrion*, *Montf.* 1810. *Nassa*  $\beta$ , *Schum.* 1817. *Bucc. papillo-*  
*sum*.  
*Tritonia*, *Turton.* *Ranella pygmea*, *Lam.*  
*Eione*, *Risso*, 1826, f. 50. *Bucc. gibbosulum*.  
*Cyclops*, *Montf.* 1810. *Cyclope*, *Risso.* *Nana*  $\beta$ , *Schum.* *Nanina*,  
*Risso (Nannia, Philippi).* *Cyclonassa*, *Swains.* 1840. *Bucc.*  
*Neriteum*.

69. *Desmoulea*, *Gray*, 1838, *Ann. N. H.* *D. pulchra*, *Gray*.  
 70. *Northia*. *Nassa*, sp. (*Northiæ*), *Gray*. *Bucc.* sp. (*pristis*), *Desh.*  
*N. pristis*.  
 71. *Ringicula*, *Desh.* 1838 (*Lam.* viii. 343), *S. Wood*. *Marginella*,  
*Risso*, 1826, not *Lam.* *Auricula*, sp. *Lam.* *Voluta*, sp. *Brocchi*,  
*Eichw.* *Marginella*, sp. *Menard*, &c. *Nassa*, sp. *Féruss.* *Au-*  
*ricula ringens*.  
 72. *Phos*, *Montf.* 1810. *Rhinodomus*, *Swains.* 1840. *Murex* (*Phos*),  
*Blainv.* *Cancellaria*, sp. *Lam.* *Buccinum*, sp. *Brug.* *Mur-*  
*senticosus*.  
 73. *Cyllene*, *Gray*, 1839, *Swains.* 1840. *C. Owenii*, *Gray*.

## OLIVINA.

74. *Strephona*, *Brown*, 1756. *Oliva*, *Lam.* 1801, *Montf.* 1810;  
*D'Orb. Cuba*, 109. *Porcellana*, sp. (*Gïrol*), *Adans.* *Cylindri-*  
*sp. Gevers.* 1787. Vol. *porphyria*.  
*Ancillaria*, *Risso*, 1826, not *Lam.* *Anc. fluminea*, *Risso*.  
*Ispidula*. Vol. *Ispidula*.  
*Cylindrus*, *Meusch*, not *Schum.* Vol. *tigrina*, *Schroet.*  
 75. *Olivella*, *Swains. Elem.* 1837, 1840 (322. t. 87. f. e). *Olivina*,  
*D'Orb. A. M.* 417, 184 ? *Olives ancylloides*, *Duclos.* *Oliva*,  
 sp. *Lam.* Vol. *jaspidea*, *Gm.*  
*Olivella* (*biplicata*), *Swains.* 1840.  
 ? *Lamprodoma*, *Swains.* 1840. *Oliva volutella*, *Lam.*  
 76. *Scaphula*, *Swains.* 1840, 132. f. 87. *b*, not *Benson.* ? *Olives vo-*  
*lutes*, *Duclos.* *Oliva auricularia*, *Lam.*  
*Utriculina*. Vol. *Utriculus*.  
*Olivancillaria*, *D'Orb.* 1846. *Oliva*, sp. (*brasiliensis*), *Chemn.,*  
*Lam.* Vol. *pinguis*.  
 77. *Agaronia*, *Gray*, 1839 (*Beechey's Voy.*). *Porcellana*, sp. (*Agaron*),  
*Adans.* 1757. *Ancilla*, *Schum.* 1817, not *Lam.* *Hiatula*, *Swains.*  
*Z. I.* ii. t. 76. *Oliva*, sp. *Lam.* Vol. *hiatula*.  
 78. *Ancilla*, *Lam.* 1801, *Schum.* 1817. *Ancillaria*, *Lam. Ann. M.*  
 § 1822. *Anaulax*, *Roissy.* *Voluta*, sp. *Gmelin.* *Bulla cyprea.*  
*Ancillus*, *Mont.* 1810. *A. Buccinoidea*, *Lam.*  
 "Anolax (obsoleta), *Bronn,*" *Philippi.* *Bucc. obsoletum*, *Brocchi.*  
*Oliva* (*striata*), *Swains. Z. Ill.* ii. t. 40. *Oliva & Ancil. cana-*  
*lifera*, *Lam.*  
 80. *Eburna*, *Lam.* 1801. *Eburna*, sp. *Lam.* 1822. *Ancillaria*, sp.  
*Sow.* *Eburna a*, *Schum.* 1817. *Eburnus*, *Montf.* *Bucc. gla-*  
*bratum*, *L.*  
 81. ? *Monoptygma*, sp. *J. Lea*, 1833. *Monop. alabamensis*, *J. Lea.*  
 ? *Monoptygma*, sp. *Lea.* *Monotigma* or *Monotygmna*, *G. Sowerby.*  
*Mon. elegans*, *Lea.*

## Fam. IV. VOLUTIDÆ.

## a. YETINA.

82. *Yetus*, *Adans.* 1757. *Cymba*, sp. *Brod.* Vol. *Neptuni*.  
*Cymbium*, *Martini*; *Gray*, 1840. *Cymbium a*, *Schum.* 1817.  
*Cymbium*, sp. *Menke*, 1830. *Voluta* (1), *Swains.* 1840. *Cymba*,  
*Brod.*, *Sow.* *Melo*, sp. *Humph.* 1797. Vol. *olla*, *Linn.*

## VOLUTINA.

83. *Cymbium*, *Adanson*, 1757; *Montf.* 1810; *Menke*, 1830. *Cymbium*  $\beta$ , *Schum.* 1817. *Melo*, sp. *Humph.* 1797. *Voluta* (1), *Swains.* 1840. *Melo*, *Brod.*, *Sow.* Vol. *æthiopica*.  
*Melo indicus*, *Brod.* Vol. *Melo*.
84. *Volutella*, *D'Orb. A. M.* 423, not *Swains.* *Voluta* (1), *Swains.* 1840, 317. Vol. *angulata*.
85. *Voluta*, *Linn.*? *Scopoli*, 1777; *Lam.* 1801; *Montf.* 1810. *Voluta*  $\gamma$ , *Schum.* 1817, 238. *Musica*, *Humph.* 1797, *Gray*, 1840, *S.B.M.* *Harpula* (2), *Swains.* 1840, 317. Vol. *musica*.
86. *Cymbiola*, *Swains.* 1840, 317. Vol. *ancilla*.  
*Cymbiola* (4), *Swains.* Vol. *colocynthis*.
87. *Scapha*. *Voluta a.* &  $\beta$ , *Schum.* 1817, 237. *Cymbiola* (2).  
Vol. *vespertilio*.  
*Voluta* (5), *Swains.* 1840. Vol. *magnifica*.  
*Aulica*. Vol. *aulica*.
88. *Fulgoraria*, *Schum.* 1817, 242. *Harpula* (3), *Swains.* Vol. *rusticis*.
89. *Harpula* (1), *Swains.* 1840, 317. f. 82. Vol. *vexillum*.
90. *Scaphella* (1), *Swains.* 1840, 318. Vol. *fusiformis*.  
*Scaphella*, sp. *Swains.* Vol. *Junonia*.
91. *Volutilithes*, *Swains.* 1840, 318. Vol. *spinosa*.
92. *Lyria*. *Harpula* (4), *Swains.* Vol. *nucleus*.
93. *Callipara Harpula* (4), *Swains.* Vol. *bullata*.

## MITRINA.

94. *Mitra*, *Lam.* 1801, *Montf.* 1810. Vol. *episcopalis*.  
*Thiarella*, *Sw.* 1840, 319. Vol. *papalis*.  
*Scabicola*, *Sw.* 1840. *M. serpentina*.  
*Nebularia*, *Sw.* 1840. *M. contracta*.  
*Strigatella*, *Sw.* 1840. *M. zebra*.  
*Mitrella*, sp. *Sw.* 1840, not *Risso*, 1826. *M. fissurata*.  
*Columbella*, sp. *Kiener.* Vol. *tringa*.
95. *Zierliana*. *Buccinum*, sp. (*strombiformis*), *Burrows.* *Cancellaria*,  
sp. *Lam.* *Mitra*, sp. *Kiener.* *Voluta ziervogelii*.
96. *Turris*, *Montf.* 1810; *Gray*, 1840. *Vulpecula*, *Gray*, 1840 (*Syn.*  
*B. M.*). Vol. *vulpecula*.

- Tiara, *Swains.* 1840, f. 84. c, g. *M. corrugata.*  
 Costellaria, *Sw.* 1840, f. 84. d. *M. rigida.*  
 Canella, *Sw.* 1840, f. 84. b. *M. Isabella.*  
 Pusia, *Sw.* 1840, 320. *M. microzonalis.*  
 Mitrella (costulata), *Risso,* 1826, f. 56, not *Swains.* *Mitreola,*  
*Swains.* 1833, *Z. I.* *M. monodon.*
97. Volvaria, *Lam.* 1801. *Volvaria*, sp. *Lam.* 1822, not *Conrad.*  
*Volvarius*, *Montf.* 1810. *V. bulloides*, *Lam.*
98. Cylindra, *Schum.* 1817, 236. *Voluta crenulata*, *Lam.*  
*Mitrella*, sp. *Swains.* 1837, 1840, not *Risso,* 1826. *Vol. dactylus.*
99. Imbricaria, *Schum.* 1817, 236. t. 21. f. 5; *Gray,* 1840. *Concelix*,  
*Swains.* 1840, 321. *Conohelix*, *Swains.* 1833, 1840, 318. *Cono-*  
*noelix*, *Sow.* *Conalex*, *Jay.* *Vol. conus.*

## MARGINELLINA.

100. Porcellana, *Adans.* 1757. *Dactylus*, *Humph.* 1797. *Marginella*,  
*Lam.* 1801. *Marginellus*, *Montf.* 1810. *Cymbium*, sp. and  
*Pterygia*, sp. *Bolten,* 1798. *Vol. glabella.*  
*Glabella*, *Swains.* 1840, 324. f. 91. *Porcellana Narel*, *Adans.*  
*Vol. faba.*  
*Volutella*, *Swains.* 1840, not *D'Orb.* *Vol. bullata.*  
*Marginella*, *Swains.* 1840. *Vol. marginata.*  
*Phænospira (noduta)*, *Hinds,* 1844.  
*Cryptospira (tricincta)*, *Hinds,* 1844.
101. Hyalina, *Schum.* 1817, 234. *Volvaria*, sp. *Lam.* 1822, not 1801.  
*Bulla*, sp. *Linn.* *Porcellana (Talier)*, *Adans.* *Voluta pallida.*
102. Persicula, *Schum.* 1817, 235; *Martini*; *Gray.* *Porcellana*  
*(Bobi and Duchon)*, *Adans.* *Persicola*, *Swains.* 1840, 323. f. 90.  
*Marginella*, sp. *Lam.* 1822. *Vol. persicula.*  
*Voluta*, *Flem.* *Vol. catenata*, *Mont.*  
*Gibberula*, *Swains.* 1840. *Volvaria*, *Risso,* 1826. *Volvaria*, sp.  
*Lam.* 1822. *Vol. miliaria.*

## Fam. V. CYPRÆADÆ.

103. Cypræa, *Linn.*; *Browne,* 1756. *Porcellanæ*, *Gevers,* 1797. *Cy-*  
*præa evidentes*, *Scopoli,* 1777. *Cypræa (Maget)*, *Adanson,* 1757.  
*Cypræa stercoraria*, *junior.* *Bulla*, sp. *Linn.*  
*Cypræa*, *Lam.* 1801, *Montf.* 1810. *Cypræa β*, *Schum.* 1817.  
*C. exanthema.*  
*Cypræa α*, *Schum.* 1817. *C. Tigris.*  
*Pustularia*, *Swains.* 1840, 324. *C. cicereula.*  
*Peribolus (Potan)*, *Adans.* 1757, *Blainv.* 1825. *Bulla*, sp. (ovata),  
*Gmelin.* *C. Mauritiana*, *Junior.*
104. Trivia, *Gray,* 1832, *Z. Jour.* *Trivea*, *Swains.* 1840, 325, *junior.*  
*Bulla*, sp. *Mont.* ? *Cypræa (Acton)*, *Adans.* *Cyp. europea.*
105. Cyprovula, *Gray,* 1832, *Z. J.* *Cypræova*, sp. *Swains.* 1840.  
*Cyp. capensis.*

106. Luponia, *Gray*, 1832, *Z. J.* Cypræova, sp. *Swains.* 1840. Cyp-  
alگوensis.  
Cypredia, *Swains.* 1840, 325. Cyp. elegans, *Lam.*
107. Erato, *Risso*, 1826; *Gray*. Cypræa, sp. *Montag.* 1803. Mar-  
ginella, sp. *Leach*; *Flem.* 1828; *Philippi.* Voluta, sp. *Don.*  
Vol. lævis, *Don.*
108. Amphiceras, *Gronov.* 1781. Cyprea, sp. *Browne*, 1756. Ovula,  
*Brug.* 1789; *Lam.* 1801. Ovulus, *Montf.* 1810. Ovulum, *Sow.*  
Licium, sp. *Humph.* 1797. Cyphonia, sp. *Bolten*, 1798. Cy-  
præa obscura, sp. *Scopoli*, 1777. Bulla ovum.  
Ultimus, *Montf.* 1810. Carinea, *Swains.* 1840. Bulla gibbosa.  
Calpurnus, *Montf.* 1810. Cyprella, *Swains.* 1840. Bulla verru-  
cosa.  
Radius, *Montf.* 1810. Birostra, *Swains.* 1840. Bulla volva.  
Radius, *Schum.* 1817. Bulla birostris.  
Simnia, “*Leach* ;” *Risso*, 1826. S. nicæensis, *Risso.*  
Simia, *Leach*, 1819. Volva, *Flem.* Bulla patula.  
Calpurna, *Flem.* 1828. Ovula Leathesii, *Sow.*
109. Lamellaria  $\alpha$ , *Montag.* 1815. Lamellaria, *Menke*, 1830; not  
*Lamouroux.* Marsevia, *Leach MSS.* 1819; *Oken Isis*, 1823; *S.*  
*Wood*, 1844. Bulla, sp. *Montag.* 1804. Sigaretus, *Blainv.*  
1825, t. 42. f. 2; *Flem.* 1828.; *Risso*, 1826. Vitrina, sp. *Jans.*  
& *Christ.* Coriocella, sp. *Philippi*, 1836, 1844. Helix perspicua.  
Sigaretus?, *Moller.* S. groenlandicus, *M.*  
Oxinoë, *Couthouy*, 1839. O. glabra, *Couth.*  
Sigaretus, *Cuv. Bull. Sci. & Anat. Moll.* 1817. Sigaret (animal, not  
shell), *Lam. Syn.* 1801. Cryptothyræa, *Menke*, 1830. Coriocella,  
*Blainv. D.S.N.* 1824; *Gray*; *Menke*, 1830; *Swains.* 1840, 355.  
Sigaret (de tonga), *Quoy & Gaim.* Chelomotus, *Swains.* 1840,  
355. Coriocella nigra, *Bl.\**

## Order II. PHYTOPHAGA.

## Sect. I. PODOPHITHALMI.

## Fam. I. TURBINIDÆ.

## TURBINI.

110. Turbo, *Linn.*; *Lam.* 1801. T. marmoratus.  
Turbo, *Montf.* 1810. Cidaris, sp. *Swains.* 1840. T. petholatus.  
Senectus, *Swains.* 1840. Turbo  $\beta$ , *Schum.* 1817. T. Spengleri.  
Lanatica, *Bolten*, 1798. T. olearius.
111. Sarmaticus, *Gray*, 1840. Turbo  $\beta\beta$ , *Schum.* 1817. Cidaris,  
sp. *Swains.* 1840, not *Lam.* T. sarmaticus.
112. Batillus  $\alpha$ , *Schum.* 1817, 197. Senectus, sp. *Swains.* T. cor-  
nutus.

\* All from the same species. The specimens of *Coriocella nigra* in the British Museum, presented by Cuvier and described by Blainville, has a distinct shell. This genus has nothing to do with *Montagua*, Fleming.

113. *Marmorostoma*, *Swains. Z. I.* & 1840. *Batillus*  $\beta$ , *Schum.* 1817, 197. *T. versicolor*.  
 114. ? *Tuba*, *J. Lea*, 1833, t. 4. f. 117, 119. *Delphinula*, sp. *Lam.* *D. marginata*, *Lam.* *Tuba striata*, *Lea*.

## IMPERATORINA.

115. *Imperator*, *Montf.* 1810, 199. *Sol*, sp. *Humph.* 1797. *Canthorbis*, *Swains.* 1840, 349. *Turbo*, sp. *Adans.* *Trochus imperialis*.  
*Calcar*  $\alpha$ , *Schum.* 1817, 193. *Tr. solaris*.  
*Calcar*, *Montf.* 1810. *Calcar*  $\beta$ , *Schum.* 1817, 194. *Cyclocantha*, sp. *Swains.* 1840, 349. *Turbo*, sp. *Quoy.* *Delphinula*, *Flem.* 1828. *Tr. stellaris*.  
*Bolma*, *Risso*, 1826. *Tubicanthus*, *Swains.* 1840. *Turbo rugosus*.  
*Tubicanthus*, *Swains.* 1840, 349. *Trochus*  $\beta$ , *Schum.* 1817. *T. Cookii*.

## EUTROPINA.

116. *Eutropia*, *Humph.* 1797. *Phasianella*, *Lam. E. M.* & 1812. *Phasianella*, sp. *Lam.* 1822. *Phasianus*, *Montf.* 1810, 254. *Bucc. australe*, *Gmel.*  
*Tricolca*, *Risso*, 1826. *Thicolea*, *Leach MSS.* 1819; *Gray*, 1840. *Eutropia*, sp. *Humph.* *Phasianella*, sp. *Payr.* *Turbo pullus*.

## Fam. TROCHIDÆ.

## PYRAMIDINA.

117. *Pyramis*, *Chemn.*; *Schum.* 1817, 232; *Gray*, 1840. *Tectus*, *Montf.* 1810. *Pyramidea*, sp. *Swains.* 1840, 350. *Tr. obeliscus*, *Lam.*  
 118 *Tegula (elegans)*, *Lesson*, 1834. *Tr. Emma*, *Gray*.  
 119. *Cardinalia*, *Gray*, 1840, 56. *Pyramidea*, *Swains.* 1840, 350. *Tr. virgatus*.

## TROCHINA.

120. *Trochus*, *Linn.*; *Lam.* 1801; *Montf.* 1810, 179. *Pyramidea*, *Swains.* 1820. *Tr. Niloticus*.  
 121. *Infundibulum*, *Montf.* 1810, 167. *Carinidea*, *Swains.* 1840, 350. *Tr. concavus*.  
 122. *Polydonta*  $\alpha$ , *Schum.* 1817, 237. *Lamprostoma*, *Swains.* 1840, 350. *Tr. maculatus*.  
*Phoreus*, *Risso*, 1826, f. 47. *Omphalius*, *Philippi*, 1847. *Tr. cinereus*, *Dacosta*. *Tr. rusticus*.  
 123. *Clanculus*, *Montf.* 1810, 191 (*Clangulus*, *Gray*, misprint). *Turbo vassel*, *Adans.* *Polydonta*  $\beta$ , *Schum.* 1817. *Fragella*, *Swains.* 1840, 332. *Apiculum*, sp. *Humph.* 1797, 26. *Mono-donta*, sp. *Lam.*; *Brown*, 1830. *Tr. pharonis*.  
*Otavia*, *Risso*, 1826. *O. corallina*, *Risso*, f. 54.



## ZIZIPHINA.

124. Ziziphinus, *Leach MSS.* 1819; *Gray*, 1840. Calliostoma, *Swains.* 1840. Labio, sp. *Oken*, 1815. Tr. Ziziphinus.  
Trochilus, sp. *Humph.* 1797. T. annulatus.
125. Canthiridus, *Montf.* 1810, 251. Elenchus, sp. *Humph.* 1797, 25. Elenchus, *Swains.* 1840. Eleuchus (misprint). Phasianella c, *Menke*, 1830, 51. Monodonta, sp. *Lam.* 1822. Tr. Iris. Phasianella d, *Menke*, 1830. P. fasciata, *Menke.* Tr. badius.
126. Thalotia, *Gray, Syn.* 1840. Elenchus, sp. *Humph.* 1797? Helenchus, *Herrm.* Tr. pictus, *Gray; Wood, Sup.* t. 5. f. 28.
127. Monodonta, *Lam.* 1801. Monodon, *Schweiger*, 1820; *Sow.*; not *Linn.* 1735. Monodontes, *Montf.* 1810. Odontis, *Sow.* 1825. Trochidon, *Swains.* 1840, 357. Trochulus, sp. *Humph.* 1797, 26. Tr. laleo.  
Trochidon, *Swains.* 1840, 351. Mon. canaliferus, *Lam.*  
Diloma, *Philippi*, 1845. Troch. nigerrimus.
128. Labio, *Oken*, 1815. Osilinus, *Philippi*, 1847. Turbo osilin, *Adans.* 1757. Mon. constrictus, *Lam.*  
Trochilus, *Leach MSS.* 1819. Gibbium, *Gray, Syn.* 1844. Monodonta, sp. *Lam.* 1822. Tr. crassus, *Montf.*  
Melagraphia, *Stentz*, 1836. Tr. æthiops.
129. Chlorostoma, *Swains.* 1840, 350. Tr. argyrostoma, *Lam.* 23.
130. Helicina, *Lamk.* 1801 (fide syn. and character); not 1813 nor 1822. Globulus, *Schum.* 1817. Rotella, *Lamk.* 1822. Trochus d, *Blainv.* Umbonicum, *Mus. Berlin.* 1818. Rot. lineolata. Helicina (dubia), *Lamk.* 1822. Rotella (Defrancii), *Basterot.*
131. Otavia, *Cantraine*, 1837; not *Risso*, 1826. Monodonta, sp. limbata, *Philippi*, 1844, t. 25. f. 19. O. otaviana, *Cant.*
132. Livona, *Gray*, 1841. Turbo (Livon), *Adans.* 1757. Meleagris, *Montf.* 1810, not *Linn.* Turbo  $\alpha$ , *Schum.* 1817. Trochus, *Swains.* 1840. Apiculum, sp. *Humph.* 1797, 26. Tigris, *Klein*, 1753? Trocus, sp. *Browne*, 1756. Turbo Pica.  
Chrysostoma, *Sw.* 1840, 35. Turbo Nicobaricus.
133. Monilea, *Swains.* 1840. Talopia, *Gray, Syn.* 1842. Troch. calliferum.
134. Camitia, *Gray, Syn.* 1840. Tr. pulcherrima, *Gray.*
135. Cyclostoma, *Lam.* 1802; not 1812 nor 1822. Delphinula, *Roissy*, 1805; *Schum.* 1817; *Lam.* 1822; *Swains.* 1840. Dauphinule, *Lam.* 1812. Delphinus, *Montf.* 1810. Turbo Delphinus.
136. Liotia, *Gray, Syn.* 1840. Delphinula, sp. *Gray, Sow.* Del. cancellata, *Gray.*
137. Gibbula, *Leach MSS.* 1819; *Risso*, 1826; *Gray*, 1840. Trochus, sp. *Linn.* Tr. magus.



- Steromphala, *Leach MSS.* 1819. Tr. cinereus.  
 Monodonta, sp. *Lam.* 1822. Tr. declivis, *Forsk.*
138. Trochiscus, *Sow.* 1838. T. Norrisii, *Sow.*
139. Margarita, *Leach*, 1819, *Ross Voy.* (not *Zol. Misc.* 1814); *Gray, Syn.* 1840. Margarites, *Leach MSS.* 1819. Helix margarita.
140. Adcorbis, *S. Wood*, 1842. Trochus, sp. *Gray, Reclus.* Natica?, sp. *Philippi.* Cingula, sp. *Flem.* Helix subcarinata, *Montag.*
141. ? Solariella, *S. Wood*, 1842. Sol. maculata, *Wood.*
142. Philippia, *Gray*, 1840 (*Phil. Sicil.* i. 174). Solarium luteum, *Lamk.*

## STOMATELLINA.

143. Stomatella, *Lam.* 1822. Stomatelle, *Lam.* 1812. Stomatella  $\alpha$ , *Blainv.* Stom. imbricata, *Lam.*

## Fam. HALIOTIDÆ.

## HALIOTINA.

144. Broderipia, *Gray*, 1847. Scutella, sp. *Brod.* 1834, not *Lamk.* Scutella rosea.
145. Gena, *Gray*, 1840, 1844, 57. Stomatella  $\beta$ , *Blainv.* 1825. Stomatella, sp. *Lam.* 1822. Haliotis, sp. *Burrows.* Patella lutea.
146. Stomax, *Montf.* 1810, 110. Stomatia, *Helblin*, 1879?; *Lamk.* 1801; not *Browne*, 1756. Haliotoidea, *Humph.* 1797, 20. Sigaretus?, *Schum.* 1817, 188. Haliotis *d*, *Blainv.* 1825. Haliotis, sp. *Chemn., Dillw.* Stom. phymotis, *Hel.*
147. Haliotis, *Linn.*; *Adanson*, 1757; *Lamk.* 1801. Auriformes, sp. *Gerers*, 1787. Hal. tuberculata.  
 Haliotis, *Montf.* 1810. H. assinus.  
 ? Haliotis *c*, *Blainv.* 1825. H. dubia, *Blainv.* Probably a monstrosity without pores: there is one in the cabinet of Mr. Alder.
148. Padollus, *Montf.* 1810, 115. Padola, *Flem.* 1828. Padolla, *Oken*, 1815. Hal. tricostalis, *Lam.*  
 Haliotis *c*, *Blainv.* 1825. H. parva.

## DERIDOBANCHINA.

149. Deridobanchus, *Ehrenb.* 1831. Derid. argus, *Ehr.*

## SCISSURELLINA.

150. Scissurella, *D'Orb.* 1823; *Flem.* Trochus jun., *Montag.* Haliotis vel Fissurella jun., *Sow.* Sciss. lævigata, *D'Orb.*
151. ? Anatomus, *Montf.* 1810, 279. Anat. Indicus, *Montf.*

## Fam. FISSURELLIDÆ.

152. Scutus, *Montf.* 1810. Parmophorus, *Blainv.* 1825; *Swains.*

- 1840, 356. *Patella*  $\alpha$ , *Schum.* 1817, 179. *Emarginula*, sp. *Sow.* *Pat. Unguis.*
- 152\*. ? *Palmarium*, *Montf.* 1810, 70. *Pal. clypeatum*, *Montf.*
153. *Emarginula*, *Lam.* 1801; *Schum.* 1817, 181. *Emarginulus*, *Montf.* 1810. *Patella*, sp. *Linn.* *Patella fissura.*  
*Subemarginula*, *Blainv.* 1825. *Hemitoma*, *Swains.* 1840, 356.  
*Pat. octoradiata*, *Gmel.*  
*Clypidina Gray*, 1847. *Pat. notata.*
154. *Rimularia*, *Defrance.* *Rimula*, “*Defrance*,” *Blainv.* 1825.  
*Emarginula d*, *Blainv.* 1825. *Rim. Blainvillii.*  
 ? *Rimula*, *D'Orb.* *R. conica*, *D'Orb.*  
 This genus is quite distinct from the following; and we have a recent species in the Brit. Mus.
155. *Diadora*, “*Gray*, 1821;” *Blainv.* 1825 (*Man.* 501). *Cemoria*, *Leach*, 1819; not *Risso*, 1826 (*Cremoria*, *error of press*). *Sypho*, *Brown*, 1827; *Reclus.* *Siphon*, *Brown*, 1844. *Puncturella*, *Lowe*, 1828. *Fissurella*, sp. *Flem.* *Fissurella*  $\beta$ , *Schum.* 1817. *Rimula*, *Couthouy*; *Loven*; not *Defrance.* *Patella*, sp. *Müller*, *Linn.* &c. *Diodora*, *Gray*, 1840. *Pat. Noachina.*
156. *Fissurella*, *Lam.* 1801, *Swains.* 356. *Lepas* (*Dasan*), *Adans.*  
*Larva*, *Humph.* 1797, 4. *Fissurellus*, *Montf.* 1810. *Pat. picta* ?  
*Fissurella*  $\alpha$ , *Schum.* 1817, 181. *Pat. Barbadosensis.*  
*Fissurella c*, *Blainv.* 1825. *Pat. græca.* Young shell.  
*Diadora*, sp. *Gray*, 1821. *Cemoria*, sp. *Leach*, 1819; not *Risso.*  
*Siphon*, sp. *Brown*, 1827 & 1844. *Pat. apertura.*  
*Fissurillea*, *Swains.* 1840, 356. *Fiss. pileus*, *Swains.*  
*Clypsidella*, *Swains.* 1840, 356. *Pat. pustula.*
157. *Macroschisma*. *Macrochisma*, *Swains.* 1840, 356; *Gray*, 1840.  
*Larva*, sp. *Humph.* 1897, 4. *Fissurella*, sp. *Sow.* *Pat. macroschisma.*
158. *Fissurellidæa*, *D'Orbigny*, 184 ? *Fissurella*, sp. *Lam.* 1822.  
*Fiss. hiatula*, *Lam.*
159. *Pupillia*, *Gray*, 1840, 114; 1844, 58. *Fissurella*, sp. *Sow.*  
 “*Pupillaca*, *Gray*,” *Philippi*, ii. 90. *Pat. apertura*, *Born.*
160. *Lucapina*, *Gray*, 1840; 1844, 58. *Fissurella aperta*, *Sow.* *Lucap. elegans*, *Gray.*

## Fam. NERITIDÆ.

## NERITINA.

161. *Nerita*, *Linn.*; *Adans.* 1757; *Lam.* 1801. *Peloronta*, *Oken*, 1815. *N. exuvia.*  
*Nerita*, *Montf.* 1810. *Peloronta*, sp. *Oken.* *N. peloronta.*
162. *Velates*, *Montf.* 1810, 354. *Nerita*, *Blainv.* 1825. *Nerita*, sp. *Chemn.* *Neritina perversa*, *Lam.*

163. *Pileolus*, *J. Sow.*, 183 ? *Desh.* *Nerita* H, *Blainv.* 1825. *Pileolus plicatus*.  
*Calana*, *Gray*, 1844. *Pileolus*, sp. *Desh.* *Pileol. altevelensis*.

## NERITELLINA.

164. *Neritella*, *Humph.* 1797. *Neritina*, *Lam.* 1822. *Neritine*, *Lam.* 1812. *Nerita pulligera*.  
*Neritina*, *Swains.* 1840. *Neritella*, sp. *Humph.* *N. Meleagris*.  
*Theodoxus*, *Montf.* 1810. *Nereina*, *Christ. & Jans.* 1832; not *Defrance*. *Neritella*, sp. *Humph.* *Neritina*, sp. *Lam.* *Ner. fluviatilis*.  
*Neripteron*, *Lesson*, 1830. *Neripterum*, *Herrm.* 1847. *Neritina auriculata*, *Lam.*  
*Clithon*, *Montf.* 1810, 326; *Swains.* 347, 1840. *Nerita*  $\beta$ , *Schum.* 1817. *Neritella*, sp. *Humph.* *Cliton*, *Lesson*. *Ner. corona*.  
*Dostia*, *Gray*, *Syn.* 1840; 1844, 58. *Cliton*, sp. *Lesson*. *N. crepidularia*.
165. *Catillus*, *Humph.* 1797, 57. *Cimber*, *Montf.* 1810, 82. *Navicella*, *Lam.* 1822. *Navicelle*, *Lam.* 1812. *Septaria*, *Feruss., Blainv.* 1825. *Nerita porcellana*.

## Fam. AMPULLARIADÆ.

166. *Ampullaria*, *Lam.* 1801. *Pomus*, *Humph.* sp. 1779, 58. *Pomacea*, sp. *Perry*. *Bulimus*, sp. *Brug.* *Nerita*, sp. *Müller*. *Ampullarius*, *Montf.* 1810. *Pachylabra*, *Swains.* 1840. *Pachystoma*, *Guild.* 1828; not *Swains.* *Nerita urceus*.
167. *Marisa*, *Gray*, 1824. *Ceratodes*, *Guilding*, 1828. *Planorbis*, sp. *Müller*; *Lamk.* 1822. *Marissa*, *Menke*. *Helix cornu arietis*.
168. *Pomus*, *Humph.* 1779, 58. *Ampullaria*, *Guild.* 1828; *Swains.* 1840. *Hel. ampullacea*.
169. *Lanistes*, *Montf.* 1810, 122. *Helix*, sp. *Linn.* *Cyclostoma*, sp. *Olivier.* *Helix Bolteniana*.  
*Lanites*, *Swains.* 1840. *Helix guineaica*.
170. ? *Meladomus*, *Swains.* 1840. *Lanistes*, sp. *Troschel*, 1847. *Paludina*, sp. *Sow.* *Pal. olivacea*, *Sow.*
171. *Pomella* ? *Ampullaria*, sp. *D'Orb.* *Amp. neritoides*, *D'Orb.*
172. *Asolene*, *D'Orb.* 1837; *Gray*, 1840. *Ampullaroides*, *D'Orb.* 1838, 379. *Helix platæ*, *Maton*.

## Fam. IANTHINIDÆ.

173. *Ianthina*, *Bolten*, 1798; *Lam.* 1801. *Neritoidea*, *Humph.* 1797, 20. *Ianthinus*, *Montf.* 1810. *Iodes*, *Leach MSS.* 1819. *Helix Ianthina*.

## Fam. ATLANTIDÆ.

174. *Oxygyrus*, *Benson*, 1835. *Ladas*, *Cantraine*, 1839; *Philippi*.

- Helicophlegma, *D'Orbigny*, 1839. Atlanta, sp. *Rang.* Atlanta Keraudremi, *Rang.*  
 Brownia, *D'Orb.* 1841. Helicophlegma, sp. *D'Orb.* Hel. Candei, *D'Orb.*
175. Atlanta, *Lesueur (Journ. Phys.)*; *Blainv.* 1825; *D'Orb.* Corne d'Ammon, *Lamon.* Atlanta Peronii, *Les.*
176. Steira (Lamanoni), *Eschsch.*; *Isis*, 1825, 734. t. 5. f. 3.
177. Heterofusus, *Flem.* 1833. Limacina, sp. *Benson.* Fusus, sp. *Flem.* Helicophora, *Gray*, 1840; 1844, 59. Atlanta Heliconoides, sp. *D'Orb.* 184 ? Peracle, *Forbes*, 1843. Scaea, *Philippi*, 1844. Fusus retroversus, *Flem.*
178. ? Heliconoides, sp. *D'Orb.*
179. ? Campylonaus, *Benson*, 1835. Atlanta (reticula), *D'Orb.*

## Sect. II. ERIOPHTHALMA.

## Fam. NATICIDÆ.

## NATICINA, operc. shelly.

180. Natica, *Lam.* 1801. Naticus, *Montf.* 1810; *Megerle*, 1811. Natica  $\alpha$ , *Schum.* 1817. Neritiformes, sp. *Gevers*, 1787. Lunatus, sp. *Humph.* 1797. Nerita canrena.  
 Nacca, *Risso*, 1826; *Gray*, 1844, 60. Natica (gochet), *Adans.* 1757. N. fulminea.  
 Natica (Naticæ), *Adans.* 1757. N. — ?  
 Natica, *Swains.* 1840. N. lineata.  
 Natica, *Leach*, 1819. N. fragilis, *Leach.*
181. Deshayesia, *Raulin*, 1844. Nat. mutabilis, *Desh.*

## POLINICINA, operc. horny.

182. Neverita, *Risso*, 1826, f. 43. Natica, sp. *Lam.* 1822. Nat. glaucina, *Lam.*
183. Lunatia. Natica, sp. *Lam.* 1822. Lunatus, sp. *Humph.* N. ampullaria, *Lam.*  
 Natica, *Risso*, 1826 (not *Lam.* 1801); *Gray*, 1844, 60. N. glaucina, *Risso.*
184. Cepatia, *Gray*, 1840; 1844, 60. N. cepacea, *Lam.*
185. Polinices, *Montf.* 1810. Natica, sp. *Scopoli*, 1777; *Lam.* 1822. Uber, sp. *Humph.* 1797, 21. Mammilla, *Gray*, 1840. Nerita, sp. *Browne*, 1756. Ner. mammilla.  
 Naticella, *Guild.*, *Swains.* 1840. N. aurantia.  
 Natica  $\beta$ , *Schum.* 1817. N. albumen.  
 Naticina, *Guild.* Mammillaria, *Swains.* 1840. Nat. lactea, *Guild.*
186. Mammilla, *Schum.* 1817; not *Gray*, 1840. Ruma, *Chemn.* Naticaria, sp. *Swains.* 1840; *Gray*, *Syn.* 1844, 60. N. melanastoma.  
 Ruma, sp. *Chemn.* Uber, sp. *Humph.* Nat. Maura.

187. *Cernina*, *Gray, Syn.* 1840; 1844, 60. *Globularia*, sp. *Swains.* 1840. Oper. —? *Nat. fluctuata*, *Sow.*
188. *Globulus*, *J. Sowerby*, 18 ? *Globularia*, sp. *Swains.* 1840. *Ampullaria*, *Flem.* *Nat. Sigaretina.*
189. ? *Laguncula*, *Benson*, 1842. *Bensonia*, *Cantor MSS.* Oper. —? *L. pulchella*, *Benson.*
190. *Naticina*, *Gray, Syn.* 1840, 90. *Naticaria*, sp. *Swains.* 1840, 346; *Gray*, 1840, 60. *Nat. papilla.*
191. *Stomatia*, *Browne*, 1756; *Hill*, 17 ? not *Lamk.* *Sigaretus*, *Lam.* 1801 (shell only); *Montf.* 1810. *Haliotis* (*Sigaret*), *Adans.* 1757. *Auriformes* \*\*, *Geçers.* 1789. *Sigaretus b*, *Blainr.* *Cryptostoma*, *Blainv.* 1825. *Auris Veneris*, *Humph.* 1797, 20. *Velutina*, sp. *Flem.* *Helix Haliotoides.*  
*Oxinoë*, *Rafin.*; *Blainc.*; not *Couthouy.* *Oxinoë olivacea.*

## Fam. ? NERITOPSISIDÆ.

192. *Neritopsis*, *Grateloup*, 18 ?; *Gray*, 1839; *Swains.* 1840. *Nerilopsis*, *D'Orb.* (misprint?). *Nerita radula.*  
*Radula*, *Gray, Syn.* 1844, 60. *Nerita granulata.*  
Animal of this family not yet known.

## Fam. LITTORINIDÆ.

193. *Assimineæ*, *Leach*, 1819; *Fleming*, 1828; *Berkeley*, *Benson.* *Syncera*, *Gray*, 1821. *Lymnea*, *Jeffreys.* *Assamineæ*, *Gray*, 1839, 1-11. *A. Grayiana*, *Leach.*
194. *Littorina*, *Feruss.* *Trochus*, *Adans.* 1757; not *Linn.* *Litorina*, *Loven.* *Turbo*, *Philippi.* *Turbo*, sp. *Linn.* ? *Lunella*, *Bolten*, 1798. *T. littoreus.*  
*Neritoides*, *Brown*, 1837. *Nerita littoralis.*  
*Phasianella*, sp. *Lam.* 1822. *Turbo*  $\gamma$ , *Schum.* *Helix scabra.*  
*Trochus*, *Adans.* 1757; not *Linn.* *Turbo punctatus.*  
*Melaraphis*, *Stentz*, 1836. *Melarapha*, *Megerle*, 1832. *Paludina*, sp. *Stentz.* *Risso*, sp. *Risso*, 1826. *Turbo petrea.*
195. *Risella*, *Gray*, 1840, 1844. *Littorina*  $\xi$ , *Gray*, 1839. *Bembicium*, *Philippi*, 1846. *Tr. melanastomus.*
196. *Pagodus*, *Gray*, 1839. *Pagodella*, *Swains.* 1840, 351. *Littorina*, sp. *Desh.*; *Philippi*, 1846. *Monodonta*, sp. *Lam.* 1822. *Turbo Pagodus.*  
*Echinella*, *Swains.* 1840, 35. *Monodonta coronaria*, *Lam.*
197. *Modulus*, *Gray*, 1840, 1844. *Turbo*, sp. (*Lonier*), *Adans.* *Monodonta*, sp. *Lam.* 1822. *Trochus modulus.*  
*Monodonta*, *Swains.* 1840; not *Lam.* 1801. *Tr. tectum.*
198. *Lithoglyphus*, “*Megerle*,” *Hartm.* 1821; *Zeigler.* *Lithoclyptus*, *Christ.* & *Jans.* 1832. *Paludina*, sp. *Menke.* *Paludina fusca*, *Pfeiffer.*  
*Neritina*, sp. *Feruss.* *Paludina*, sp. *Menke.* *Palud. Naticoides.*

- Paludina, sp. *Say*. Paludestina, sp. *D'Orb*. Amnicola, sp. *Anthony*. Pal. lapidaria.
199. Hydrobia, *Hartmann*, 1821. Paludestina, sp. *D'Orb*. 1838; *Gray*, 1840. Paludina, sp. *Drap*. Litorinella, *Braun*, 1843; *Thomas*, 1845. Cyclostoma, sp. *Drap*. Paludina acuta.
- Leachia, sp. *Risso*, 1826. Paludina, sp. *Menke*, 1830. Turbo, sp. *Martens*. Cyclostoma vitreum, *Drap*.
- Paludina, *Guild*. 1828; not *Lam*. 1801; *Swains*. 1840. Palud. parvula, *Guild*.
- Amnicola, sp. *Anthony*. Melania, sp. *Say*. Paludina, sp. *Lea*. Melan. isogona.
- Sabinea, *Leach MSS*. 1819, *Sow*. 1842. Paludinella, *Pfeiffer*, 184?; *Loven*, 1846; not *Gervais*. Paludina, sp. *Flem.*, *Drap*? Cingula, sp. *Flem*. Littorina, sp. *Hanley*. Rissoa?, sp. *Alder*. Turbo Ulva.
- Paludinella, *Berk*; *Moller*, 1842. Trochus saxatilis, *O. Fab*. ? Rissoa, *Berkeley* (not *Risso*?). Turbo subumbilicatus, *Montag*.
200. Architectoma, *Bolten*, 1798. Solarium, *Lam*. 1801, *Montf*. 1810, *Swains*. 1840. Physeter, *Humph*. 1797; not *Linn*. Trochus perspectivus.
- Solarium, sp. *Lam*. Sol. patulum.
201. Torinia, *Gray*, 1840, 1842. Heliacus, *D'Orb*. 1842. Physeter, sp. *Humph*. Solarium, sp. *Lam*. 1822. Solarium  $\beta$ , *Schum*. 1817. Trochus cylindraceus.
202. ? Omalaxis, *Desh*. 1830. Bifrontia, *Desh*. 1833?, *Gray*, 1840. Omolaxou or Omalaxon, *Agassiz*. Solarium, sp. *Lamk*. Solarium disjunctum, *Lam*.
- Bifrontia, sp. *Desh*. Sol. bifrons.
- Schizostoma, *Braun*, 1841? Euomphalus, sp. *J. Sow*. Bifrontia Catillus, *Desh*.
203. ? Orbis (rotella), *Lea*, 1833.
- Orbis (foliaceus), *Philippi*, 1844, t. 24. f. 26.
- Bifrontia? (zanclosa), *Philippi*, 1844, t. 28. f. 11. Pteropodes??
204. ? Cyclogyra multiplex, *S. Wood*, 1842. An annelide?
205. ? Planaria, *T. Brown*, 1827; not *Linn*. P. pellucida.
- Planaria, *J. Lea*, 1833. Pl. nitens. — Pteropodes?
206. Forsar, *Gray, Syn*. 1840. Natica (fosar), *Adans*. 1757. Forsarus, *Philippi*, 1841, 1844. Maravignia, *Aradus*, & *Mag*. 184? Natica (animal, not shell), *Lam*. 1801, *Rang*. Delphinula, sp. *Philippi*, 1836. Rissoa, sp. *Scacchi*. Nerita, sp. *Brocchi*. Purpura, sp. *Sow*. Sigaretus, sp. *Serres*. ? Naticella, *Munster*, 1841. Turbo, sp. *Michaud*. Helix ambigua, *Linn*.
- Pharianema (sulcata), *S. Wood*, 1842.
207. Nematura, *Beuson*, 1836. N. Deltae.
208. Lacuna, *Turton*, 1828. Temana, *Leach MSS*. 1819. Lutea, *T. Brown*, 1827. Natica, sp. *Flem*. Nerita pallidula, *M*.



- Epheria, *Leach MSS.* 1819. Lacuna, sp. *Turton*. Phasianella, sp. *T. Brown*, 1827. Turbo vineta.  
Medoria, *Leach MSS.* 1819; *Gray*, 1819. Lacuna, sp. *Turt*. Turbo crassior.

## Fam. MELANIADÆ.

## RISSOAINA.

209. Rissoa, *Fremenville*, 1814; *Risso*, 1826. Alvania, sp. *Risso*, 1826 (not *S. Wood*). Loxostoma, *Biron*. Cingula, sp. *Flem.* 1828. Helix labiosa.  
Acme (acicula), *Hartm.* 1821; *Christ. & Jans.* 1822. Rissoa, sp. (acuta), *Desm.* Turbo auriscalpium.  
Alvania, sp. *Risso*, 1826. Rissoa, sp. *Desm.* Turbonella, sp. *Leach*, 1819. Turbo Callathriscus.  
Cyclostrema, *Flem.* 1828, not *Marryat*. Turboella, sp. *Leach*, 1819. Alvania?, sp. *Leach*, 1817. Rissoa, sp. (clathrata), *Philippi*. Turbo Zetlandica.  
Turboella, sp. *Leach*, 1819. Rissoa, sp. *Desm.* Turbo parvus, *Montag.*  
Turbona, *Leach*, 1819. Turbo reticulatus, *Montag.*  
Turbonilla, *Leach MSS.* 1819. Turbo striatus, *Montag.*  
210. Cingula, sp. *Flem.* 1824, 1828. Rissoa b, *Philippi*, 1844. Sabanea, sp. *Leach MSS.* 1819. Turbo cingillus, *Montag.*  
211. Alvania, *S. Wood*, 1842; *Leach MSS.* 1819. Alvania, sp.? *Risso*, 1826. Anelis, *Loven*, 1844. Alv. supranitida.  
212. Rissoina, *D'Orb.* 184? Rissoina Inca, *D'Orb.*  
Mangelia, sp. *Risso*, 1826 (f. 102, 103). Strombus, sp. *Megerle*. Mang. reticulata.  
Rissoa c. (*Bruguieri*), *Philippi*. Nassa, sp. *Brown*. Cingula, sp. *Flem.* Turbo Bryerii, *Montag.*  
213. Skenca, *Flem.* 1824, 1828. Delphinoidea, *T. Brown*, 1827. Truncatella, sp. (? atomus), *Philippi*!. Helix Serpuloides, *Montag.*

## MELANIAINA.

214. Thiara, *Megerle*, 18?; *Menke*, 1830; *Gray*. Melanella, *Swains.* 1840, 341. Melania Holandri, *Feruss.*  
215. Melania, *Lam.* 1801; *Schum.* 1817, 201. Melas, *Montf.* 1810. Melacanthus, *Swains.* 1840, 341. Amarula, *G. B. Sow.* 1842. Tiara, sp. *Bolten*, 1798; *Gray*, 1846; not *Swains.* Vesica, sp. *Humph.* 1797. Spirilla, *Humph. MSS.* Buccinum, sp. *Müller.* Bulimus, sp. *Brug.* Helix amarula.  
Potadoma, *Swains.* 1840, 341. Melania Freethi, *Gray.*  
Melanoides, *Olivier*, 1807. Strombus, sp. *Schroet.* Nerita, sp. *Müller.* Mel. fasciolata.  
216. Pachystoma, *Gray*, 1840; 1844, 61. Mel. marginata, *Lam.*



217. *Pyrgula* (annulata), *Crist. & Jans.* 1832. *Melania*, sp. *Desh.*  
*Mel. helvetica*, *Mich.*
218. ? *Tricula*, *Benson*, 1842. *Tri. montana*, *Benson.*
219. ! *Tanalia*, *Gray.* *Paludomus*, sp. *Reeve.* *Nerita*, sp. *Gmel.,*  
*Chemn.* *Nerita aculeata.* *Oper.* — ?
220. *Hemisinus*, *Swains.* 1840, 341. *Tania*, *Gray*, 1840 ; 1844, 60.  
*Mel. lineolata*, *Gray.*  
*Melania*, sp. *Pfeiffer.* *M. Ferussacii.*
221. *Vibex*, *Oken*, 1815 ; *Gray*, 1840. *Ligula*, sp. *Humph.* 1797.  
*Pirena*, sp. *Lam.* 1822. *Strombus*, sp. *Gmelin.* *Nerita*, sp.  
*Müller.* *Melania*, sp. *Feruss., Desh.* *Bulimus*, sp. *Brug.* *Nerita*  
*aurita.*  
*Melania*, *Swains.* 1840. *Mel. quadriseriata.*
222. *Melanatria*, *Bowdich*, 1822 ? *Pyrena*, sp. *Lam.* *Melanopsis*,  
sp. *Desh.* *Helix*, sp. *Dillw.* *Buccinum flumineum.*
223. *Lampania*, *Gray*, 1840 ; 1844, 60. *Batillaria*, *Benson*, 1842.  
*Cerithium zonale*, *Lam.*
224. *Anculotus*, *Say*, 1825. *Anculosa*, *Swains.* 1840, not *Conrad.*  
*Anc. præmorsa*, *Say.*  
*Melanopsis*, sp. *Moricand.* *M. Crenocarina.*  
*Anculosa*, *Conrad*, 1834. *Omphemis*, sp. *Chemn.* *Melania*, sp.  
*Say.* *Anc. dissimilis.*  
*Anculosa*, sp. *Anthony.* *Anc. rubiginosa.*  
*Melania*, sp. *Say.* *Melan. obovata.*
225. *Melatoma*, *Anthony*, 184 ? ; not *Swains.* 1840. *Melat. altilis*,  
*Anth.*
226. *Io*, *J. Lea*, 1832. *Fusus*, sp. *Say*, 1825. *Melafusus*, *Swains.*  
1840, 341. *Fusus fluviatilis*, *Say.*  
*Melania*, sp. *Say.* *Mel. armigera*, *Say.*
227. *Ceriphasia*, *Swains.* 1840 ; *Gray, Syn.* 1844. *Melania*, sp. ? *Say.*  
*Ceriphasis sulcatus*, *Sw.*  
? *Telescopella.* *Melania*, sp. *Say.* *Mel. undulata*, *Say.*
228. *Melanopsis*, *Lam.* 1822. *Melanopside*, *Lam.* 1812. *Nana*,  
*Schum.* 1817, 225. *Buccinum*, sp. *Clarke.* *Canthidomus*,  
*Swains.* 1840, 342. *Faunus*, *Megerle*, 18 ? *Melanithes*, *Swains.*  
1840, 341. *Plotia*, sp. *Bolten*, 1798. *Melania*, sp. *Olivier.*  
*Melan. costata.*  
*Melanopsis*, *Swains.* 1840, 341 ; *M. sp. Lam.* *Bulimus*, sp. *Lam.*  
*Bucc. prærosom.*
229. *Faunus*, *Montf.* 1810 (Junior). *Pirena*, *Lam.* 1822 ; *Swains.*  
1840. *Pyrene*, *Lam.* 1812. *Ligula*, sp. *Humph.* 1797, not  
*Montag.* *Melanamona*, *Bowdich*, 1820. *Ebena*, *Schum.* 1817.  
*Melanopsis*, sp. *Ferus.* *Nerita*, sp. *Müller.* *Cerithium*, sp.  
*Brug.* *Buccinum*, sp. *Solander.* *Strombus ater.*
230. *Clionella.* *Pleurotoma*, sp. *Lam.* *Buccinum*, sp. *Gmel.* *Bucc.*  
*sinuatum.*

231. ? Potamidis, 18 ? Potamide, *Brong.* (*Geol. Paris, Ann. Mus.* xv. t. 22. f. 3). *Cerithium*, sp. *Desh.* *P. Lamarckii*, *Brong.*
232. ? Potamidum, *Flem.* 1828 (*Sow. M. C. t.* 341. f. 1 & 2). *P. acutum.*
233. *Cerithium*, *Adans.* 1757 ; *Brug.* ; *Lam.* 1822. *C.* (Popel), *Adans.* *Murex radula.*  
*Cerithium*, *Montf.* 1810, 511. *Rhinoclavis*, sp. *Swains.* 1840, 315. *Mur. vertagus.*  
*Cerithium*  $\gamma$ , *Schum.* 1817. *Rhinoclavis*, sp. *Swains.* 1840, 315. *Mur. aluco.*  
*Cerithium*, *Lam.* 1801, *Swains.* 1840, 316. *Cerithium*  $\beta$ , *Schum.* 1817. *C. nodulosum*, *Brug.*
234. *Bittium*, *Leach MSS.* 1819. *Terebra*, sp. *Flem.* *Strombiformis*, sp. *Da Costa.* *Nassa*, sp. *Say.* *Mur. reticulatus*, *Mont.*
235. *Pirenella.* *Cerithium*, sp. *Risso*, 1826 ; *Philippi.* *Pyrena*, sp. (*nigra*), *Ch. & Jans.* *Cerithium mammillatum*, *Philippi.*  
 ? *Cerithium*, sp. *Lam.*, *Sow.* *Cer. tubereulatum*, *Sow.*  
*Cerithium torulosum*, *Brug.*, *Lam.* ii. 27, is only a monstrosity of *Cerithium vulgatum.*
236. *Cerithidea*, *Swains.* 1840. *Potamides*, *Gray*, 1840. *Cerithium* (sp. 16), *Lam.* 1822. *Turbo*, sp. *Dillw.* *Murex decollatus.*  
*Cerithium*, *Flem.* 1828. *Strombiformis*, sp. *Da Costa.* *Strombus costatus.*
237. *Tympanotomos*, *Klein*, 1753 ; *Schum.* 1817, 211. *Tympanotomus*, *Gray*, 1840. *Potomis*, *Swains.* 1840. *Nerita*, sp. *Müller.* *Ligula*, sp. *Humph.* 1797. *Potamis* or *Potamides*, *Sow. Man.* 236. *Murex fuscatus*, *Linn.*
238. *Telescopium*, *Chemn.* ; *Montf.* 1810, 439 ; *Schum.* 1817, 233. *Terebralia*, sp. *Swains.* 1840, 315. *Cerithium*, sp. *Brug.* *Trochus Telescopium.*
239. *Glottella.* *Melania armigera*, *Say.*
240. *Pyrazus*, *Montf.* 1810, 459. *Terebralia*, sp. *Swains.* 1840, 315. *Cerithium a*, *Schum.* 1817, 224. *C.* (potamide), *Blainv.* 1825. *Potamides*, *Cuvier*, 1817. *Strombus palustre.*

## TRIPHORINA.

241. *Triphoris*, *Desh.* "1824," 1830. *Triphore*, *Desh.* *Triphorus*, *Swains.* 1840, 342. *Triphora*, *G. Sow.* *Triph. plicatus*, *Desh.* *Tristoma*, *Blainv.* (not *Desh.* ; see *E. M.* 1053) ; not *Cuvier.* *Triphoris*, sp. *Desh.* *Cerith. tristoma*, *Blainv.*  
*Bittium*, sp. *Leach*, 1819. *Mastonia*, sp. *Loven.* *Terebra*, sp. *Flem.* *Cerithium*, sp. *Lam.* *Mur. adversum*, *Montag.*  
*Mastonia*, *Hinds*, 1842. *Tri. vulpinus.*  
*Sychar*, *Hinds*, 1844. *Triph. vitreus.*  
*Iuo*, *Hinds*, 1844. *Triph. gigas.*

242. *Terebellum*, *Browne*, 1756, not *Lam.* *Haustator*, *Montf.* 1810, 182. *Turbo imbricatus*.  
*Turritella*, *Lam.* 1801; *Montf.* 1810, 211. *Monocerotes*, sp. *Gevers*, 1787. *Terebra*, sp. *Humph.* *Turbo Terebra*, *Linn.*  
*Turritella*  $\beta$ , *Schum.* 1817. *Tur. striata*, *Schum.*
243. *Torcula*. *Haustator*, *Gray*, 1840; 1844, 60; not *Montf.* *Turritella*, sp. (*biangulata*), *Lam.* *Turbo exoletus*, *Linn.*
244. *Zaria*, *Gray*, 1840; 1844, 60. *Turritella a*, *Schum.* 1817, 199. *Turbo duplicatus*.
245. *Mesalia*, *Gray*, 1840; 1844, 60. *Cerithium Mesal*, *Adans.* 1757. *Turritella Mesal*, *Desh.*  
*Turritella*, sp. *Lam.* *Tur. sulcata*, *Lam.*
246. *Proto*, *DeFrance*, 183 ? *Turritella*, sp. *Basterot*, 1825. *Proto cathedralis*.
247. *Eglisia*, *Gray*, 1840; 1844, 60. *Turritella*, sp. *Sow.* *Turbo suturalis*, *Gray.*

## SCALARINA.

248. *Scalaria*, *Lam.* 1801. *Scalarus*, *Montf.* 1810, 295. *Acione*, *Leach*, 1815. *Acionæa*, *Desh.* *Aciona*, *Bowd.* *Scala*, sp. *Humph.* 1797. *Troceus*, sp. *Browne*, 1756. *Turbo scalaris*.  
*Clathrus*, *Oken*, 1815. *Cyclostoma*, *Schum.* 1817, 196; not *Lam.* *Turbo clathrus*.  
*Clathrus*, *Gray*, 1840. *Scal. australis*.  
*Cyclostrema*, *Leach?*; *Maryatt*, *Linn. Trans.* *Cycl. cancellata*.  
*Lippistes*, *Montf.* 1810, 127 (copied from *Fichtel*, t. 1), perhaps the young of the former. *Argonauta cornu*, *Ficht.*
249. ? *Anatola*, *Audouin*, 1827. *Pteropode??* from *Savigny*, *Egypt. Moll.* t. 5. f. 1.

## ? LITIOPINA.

250. *Litiopa*, *Rang*, 1829. *Bombyxinus*, *Lesson*, 1834. *Litiopa bombix*, *Kiener.*

## Fam. VIVIPARIDÆ.

251. *Viviparus*. *Vivipare*, *Cuvier*, 1808; *Lamk.* 1809. *Viviparus*, *Montf.* 1810. *Paludine*, *Lam.* 1812. *Paludina*, *Lamk.* 1822. *Neritina*, sp. *Müller.* *Cyclostoma*, sp. *Drap.* *Bulimus*, sp. *Brug.* *Lymnea*, sp. *Flem.* *Helix vivipara*.  
*Paludina*, sp. *Menke.* *Helix fluviatilis*.
252. ? *Paludomus*, *Swains.* 1840, 340. *Melania*, sp. *Gray.* *Melania conica*.  
 ? *Hemimitra*, *Swains.* 1840. *Hem. retusa*, *Swains.*
253. *Bithinia*, *Prideaux MSS.*; *Gray*, 1824; *Risso*, 1826; *Benson.* *Nerita*, sp. *Müller.* *Cyclostoma*, sp. *Drap.* *Paludina*, sp. *Lam.* 1822. *Lymnea*, sp. *Flem.* *Bulimus*, sp. *Poiret.* *Helix tenuataculata*.

## Fam. VALVATIDÆ.

254. Valvata, *Müller*, 1774 ; *Lam.* 1822. Valvée, *Lam.* 1812. Gyrorbis, *Fitz.* 1838. Valvata cristata.  
Cyclostoma, sp. *Drap.* Nerita, sp. *Müller.* Valvata, sp. *Lam.*  
Helix piscinalis.

## Fam. VELUTINIDÆ.

255. Velutina, *Flem.* 1822 ; *Blainv.* 1825. Galericulum, *Brown*, 1827, 1844. Helix, sp. *Fab.* Bulla, sp. *Müller.* Helix lævigata.  
Velutella. Bulla, sp. *Laskey.* Sigaretus?, sp. *Flem.* Velutina, sp. *Lovèn.* Bulla flexilis.  
Otina. Velutina, sp. *Flem.* Helix Otis.  
Oxinoë?, *Couthouy*, 1839, not *Rafin.* O. glabra, *Couth.*

## Fam. VANICOROIDÆ.

256. Vanicoro, *Quoy & Gaim.* 18 ? Velutina, sp. *Quoy & Gaim.* 18 ? Merria, *Gray*, 1839 ; 1841, 124. Narica, *Reclus*, 1844 ; *D'Orb.* 1836 (name only). Leucotis, *Swains.* 1840. Leucotus, *G. B. Sow.* Sigaretus, sp. *Lam.* 1822. Nerita, sp. *Chemn.* Nioma, *Gray*, 1840, 124. Neritopsis, sp. *Sow. Gen.* Nerita cancellata, *Chem.*

*Reclus'* claims to this genus are not borne out by the examination of *D'Orbigny*, who in 1841 (*Cuba*, ii. 39) states, *M. Reclus* "has the intention" to form a genus ; *M. Quoy* has the undoubted priority.

## Fam. VERMETIDÆ.

257. Vermetus (Vermet), *Adans.* 1757, *Lam.* 1812. Vermicularia, *Lam.* 1801. Serpula, *Scopoli*, 1777 ; not *Linn.* ? Siphonium, sp. *Browne*, 1756. Vermicularius, *Montf.* 1810. Serpula lumbricalis.  
Vermetus, *Gray*, 1844, 62. Serpula, sp. *Sow.* Serpula maxima, *Sow.*
258. Bivonia, *Gray*, 1840 ; 1844, 62, 90 (*Bivinae*, error). Vermicularia  $\beta$ , *Schum.* 1817 ? Vermet. glomeratus, *Bivon.*
259. Serpulorbis, *Sassi*, 1827. Serpula, sp. *Lam.* Vermetus, sp. *Bivon & Philippi.* Serpula arenaria.  
Hatina, *Gray*, 1844, 62. Verm. inoperculatus.
260. Lemantina or Lementina, *Risso*, 1826. Lem. Cuvieri.
261. Siliquaria, *Lam.* 1801. Siliquarius, *Montf.* 1810. Anguinaria, *Schum.* 1817. Serpula anguina.  
Anguinaria  $\beta$ , *Schum.* 1817. Ang. sulcata.
262. Spiroglyphus, *Daud.* 1800 ; *Gray*, 1839. Vermetus, sp. *D'Orb.* Spirog. — ?

## Fam. CAPULIDÆ.

263. Capulus, *Montf.* 1810, *Sow.* Le Cabochon, *Lam.* 1812. Pileopsis *a*, *Lam.* 1822, *D'Orb.*, *Swains.* 357. Ancilla, sp. *Gevers*, 1787. Amalthea  $\beta$ , *Schum.* 1817, 183. Patella ungarica.  
Spiricella, *Rang*, 1829. Spir. unguiculus, *Rang*.
264. Hipponix (Hipponice), *Defrance*, 1819, *Desh.* Patella, sp. *Lam.* Pileopsis *b*, *Lam.* 1822. Pat. cornucopia.  
Hipponix, sp. *Defrance.* Pileopsis *a*, sp. *Lam.* 1822. Patella, sp. *Gmel.* Pat. mitrula.
265. Amalthea *a*, *Schum.* 1817, t. 21. f. 4. Sabia, *Gray*, 1833; 1844, 63. Hipponix, sp. *Quoy & Gaim.*, *Desh.* Patella, sp. *Lam.* Amalthea comica.
266. Brocchia, *Bronn, Philippi, Gray.* Pileopsis, sp. *Kœnig.* Patella, sp. *Brocchi.* Patella sinuosa.
267. Amathina, *Gray, Syn.* 1840; 1844, 63. Pileopsis, sp. *Desh.* 1830. Patella tricarinata.

## Fam. CALYPTRADÆ.

268. Crypta, *Humph.* 1797. Crepidula, *Lam.* 1801. Crepidulus, *Montf.* 1810. Sandalium, *Schum.* 1817, 183. Ancilla, sp. *Gevers*, 1787. Lepas, sp. (garnot and sulin), *Adans.* Patella fornicata.  
Crepidula, *Lesson*, 1830. Crep. navicella.  
Crepipatella, *Lesson*, 1830. Calyp. Adolpheii.  
Crepipatella, *Brod.* 1834. Calyp. foliacea.
269. Galerus, *Humph.* 1797. Trochita *a*, *Schum.* 1817, 184. Ancilla, sp. *Gevers*, 1778. Mitrula, *Gray*, 1821. Calyptræa, sp. *Lam.* 1822. Trochilea, *Swains.* 1837. Trochilla, sp. *Swains.* 1840, 355. Patella chinensis.  
? Sigapatella, *Lesson*, 1830. Calyp. Novæ Zelandiæ.  
Bicatillus, *Swains.* 1840, 35. Calyp. extinetorium, *Sow.*; not *Lam.*
270. Crucibulum, *Schum.* 1817. Dispotea, *Say*, 18 ? Calypeopsis, *D'Orb.* 184 ? Calyptra, sp. *Humph.* 1779. Calyptræa, sp. *Lam.*, *Sow.*, *Menke.* Biconia, *Swains.* 1840, 355. Bicatillus, sp. *Swains.* 354. Patella auriculata.  
Calypeopsis, *Lesson*, 1830. Calyp. tubifera.  
Calypeopsis, *Brod.* 1824. Calyp. spinosa.  
Calyptræa *a*, *Brod.* 1834. Calyp. rudis.
271. Calyptra, sp. *Humph.* 1797. Calyptræa, *Lam.* 1801, *D'Orb.*, *Swains.* Calyptrus, *Montf.* 1810. Calyptria, *Lesson*, 1830. Mitrularia, *Schum.* 1817. Cemoria, *Risso*, 1826; not *Leach*, 1819, nor *Swains.* Litholepas, *Owen, P. Z. S.* Ancilla, sp. *Gevers*, 1787. Pat. equestris.  
Calyptra, sp. *Humph.* P. tectum chinensis.  
Calyptræa  $\beta$ , *Brod.* 1834. Calyp. corrugata.

272. Trochita, *Schum.* 1817, 184. Infundibulum, *D'Orb.* 1846; not *Montf.* 1810. Trochus, sp. *Lam.* 1822. Trochatella, *Lesson,* 1830. Calyptraea, sp. *Sow. Gen.* Lepas concamerata, *Martini.* Patella Trochoides.  
 Infundibulum, *J. Sow.*; not *Montf.* Calyptraea, sp. *Desh.* Trochus apertus.  
 Trochilla, sp. *Swains.* 1840, 354. Trochus pileus.  
 Haliotoidea, *Swains.* 1840, 354. Calyptraea, sp. *Sow.* Calyp. dilatata, *Sow.*  
 Trochatella, *Lesson,* 1830. Calyp. araucaria.  
 Syphopatella, *Lesson,* 1830. ————?  
 Syphopatella, *Brod.* 1834. Calyp. sordida.

## Fam. PHORIDÆ.

273. Phorus, *Montf.* 1810, *D'Orb.* Xenophora, *Fischer,* 18 ?  
 Onustus, sp. *Humph.* 1797, 28. Xenophoris, *Philippi,* 1844.  
 Trochus, sp. *Linn., Lam.* Trochus b, *Blainv.* 1825. Trochus conchyliophorus.  
 274. Onustus, sp. *Humph.* 1797; *Gray,* 1840; *Swains.* 1840, 353.  
 Trochus, sp. *Lam.* Trochus indicus.  
 Onustus, sp. *Swains.* Trochus solaris.

## Fam. TECTURIDÆ.

275. Tectura. Tecture, *Aud. & Edw. Ann. Sci. Nat.* 1830. Lottia, sp. *Forbes.* Patelloidea, sp. *Cantraine,* 1835. Patella parva. Lottia, *Gray,* 1833; *Sow.* Acmea, *Eschsch.* 1833; not Acme, nor Acmea, *Hartm.* Helcion, *D'Orb.* 1846; not *Montf.* Acme Sentum, *Eschsch.*  
 Patelloida, *Quoy & Gaim.* 1834; *Desh.* 1836. Pat. rugosa, *Quoy.* Patella \*\*, *Lorèn.* Lottia, sp. *Forbes.* Pat. testudinalis, *Müller.* Patelloidea, *Cantraine,* 1835. Ancyclus, sp. *Costa.* Ancy. Gusionii, *Costa.*  
 276. ? Scurria. Acmea, sp. *Eschsch.* 1833. Helcion, sp. *D'Orb.* 1846. Patella, sp. *Lesson,* 1830. Patella Scurra, *Lesson.*

*Cantraine* refers *Patella pectinata* (*Helcion, Montf.*) to the genus *Patelloidea*, and *D'Orbigny* has more lately considered *Helcion* as synonymous with *Acmea*; but the animal of *Patella pectinata* which I examined in Paris in 1820 had gills on the lower edge of its mantle, and is a true *Patellida*. *Scurria* appears by *D'Orbigny's* description to have the same; do some *Patella*-like animals have gills in both situations?

## Fam. DENTALIADÆ.

277. Dentalium, *Linn.*; *Lam.* 1801; *Montf.* 1810. D. elephantinum.  
 278. Entalis, *Gray, Syn.* 1844, 58; not *DeFrance.* Dentalium e, *Desh.* 1825.



279. The *Entalis* (*duplicatus*), *DeFrance* & *Blainville*, and the *Dentalium labiatum*, *Turton*, are described from specimens with the tip broken, and with the internal part reproduced.
280. *Gadila*. *Dentalium*, sp. *Mont.* *Dentalium* §§, *Desh.* *Cresis*, *Rang.* *Gadus*, “*Montag.*”; *Rang*; not *Linn.* *Dent.* *Gadus*, *Montag.*
281. ? *Artolon*, *Montf.* 1810. *Art. dactylus*, *Montf.*  
*Dentalium strangulatum*, *D. subulatum*, *Desh.*, belongs to *Ditrupe*, *Berkeley*, and is an *Annelide*.

## Sect. III. INIOPHITHALMA.

## Fam. TRUNCATELLIDÆ.

282. *Truncatella*, *Risso*, 1813, 1826; *Cantraine*, 1835. *Choristoma*, *Christ.* & *Jans.* 1832. *Cyclostoma*, sp. *Drap.*; *Flem.* *Rissoa*, sp. *Desm.*, *Menke.* *Paludina*, sp. *Payr.* *Turbo*, sp. *Montag.* *Turritella*, sp. *Flem.* *Fidelis*, *Risso.* *Turbo truncatus* and *subtruncatus*, *Montag.* (young shell).

## Fam. PYRAMIDELLIDÆ.

283. *Obeliscus*, *Humph.* 1797. *Pyramidella*, *Lam.* 1801. *Pyramidellus*, *Montf.* 1810. *Bulimus*, sp. *Brug.* *Helix*, sp. *Müller.* *Auricula*, sp. *Lam.* 1809. *Trochus dolabratus*.
284. *Pyramidella*, sp. *Lam.* 1822. *Voluta auris-cati*, *Chemn.*
285. *Monotygma*, *Gray*, in *Sow. Man.* 183; not *Lea.* *Monot. striata*, *Gray*, *Sow.* f. 371.  
*Auricula*, sp. *Lam.* *Auricula acicula*.  
 I do not know *Monotygma melanoides*, *Lea*, 185, from *Calcutta*.
286. *Odostomia*, sp. *Flem.* 1824. *Turbonilla*  $\beta$  *a*, *Lovèn.* *Jaminea*, sp. *Brown*, 1827, 1844; not *Risso*, 1826. *Pyramidella*, *Risso*, 1826; not *Lam.* *Ovatella*, sp. *Biron*, 1832. *Auricula*, sp. *Lam.*, *Philippi.* *Sabanea*, sp. *Leach*, 1819. *Rissoa*, sp. *Scacchi.* *Voluta*, sp. *Dillw.* *Turbo plicatus*, *Montag.*  
*Acteon*, sp. *J. Lea.* *Turbonilla*, sp. *Risso*, 1826. *Turbo gracilis*, *Brocchi.*  
*Parthenia*, *Lowe*, 1840. *Odostomia*, sp. *Flem.* *Chemnitzia*, sp. *Philippi.* *Turbonella*  $\beta$  *b*, *Lovèn.* *Pyramis*, sp. *Brown.* *Turbo spiralis*, *Montag.*  
*Jaminea*, sp. *Brown*, 1827. *Turbo interstinctus*, *Montag.*  
*Turbonilla*, sp. *Risso*, 1826, f. 63; *Lovèn*, 1846. *Parthenia*, sp. *Lowe.* *Tornatella*, sp. *Michoud*, *Philippi.* *Chemnitzia*, sp. *Philippi.* *Turbonilla Humboldtii.*  
 ? *Acteon*, sp. *Lea*, 1833; not *Montf.* 1810. *Acteon elevatus*, *Lea.* *Auriculina.* *Turbonilla a* \*\*, *Lovèn.* *Odostomia obliqua*, *Alder.* *Rissoella.* *Rissoa*, sp. *Brown.* *Rissoa* ? *glaber*, *Alder.*  
*Jaminea*, sp. *Adams.* *Jaminea seminuda*, *Adams.*  
*Jaminea*, sp. *Couthouy.* *Jam. exigua*, *Couth.*



287. *Amoura*, *Moller*, 1842. *Amoura candida*.
288. *Turbonilla*, sp. *Risso*, 1826; not *Leach* MSS. *Turbonilla a*, *Lovèn*, 1846. *Parthenia* (sp.), *Lowe*, 1840. *Pyrgiscus*, *Philippi*, 1841. *Orthostelis*, *Arad. & May*, 1841. *Ebala*, *Leach* MSS. 1819. *Turritella* (sp.), *Leach*, 1819; *Flem.* 1828; *Risso*, 1826; *Totten*. *Chemnitzia*, sp. *Philippi*, 1844. *Melania*, sp. *Philippi*. *Rissoa*, sp. *Scacchi*. *Pyramis*, sp. *T. Brown*. *Turbo elegantissimus*.
- Chemnitzia*, sp. *D'Orb.* 1836?, 1841. *Chemn. Turris*, *D'Orb.*
- Ebala*. *Turritella*, sp. *Leach*, 1819; *Flem.* 1828. *Turbo nitidissimus*.
- Pyramis*, *Couthouy*. *Pyr. striatulus*, *Couth.*
- Jaminea*, sp. *Adams*; not *Risso*. *Turbonilla*, sp. *Lovèn*. *Jaminea producta*.
- Eulimella*, *Forbes*, 1846. *Eulima*, sp. *Philippi*, 1844. *Melania*, sp. *Scacchi*. *Turbonilla*, sp. *Lovèn*. *Melania Scillæ*.
- Menetho*, *Moller*, 1842. *Turbo albula*, *Fab.*

*Note*.—*Risso's* genus *Turbonilla* consists of four species, two of this and two of the former genus; but his character best agrees with his first two species. He notices the peculiarity of the nucleus; it is exactly synonymous with *Parthenia*, *Lowe*, *Chemnitzia*, *Philippi*, and *Turbonilla*, *Lovèn*. *D'Orbigny*, *Voy.* 1841, did not know the animal of *Chemnitzia*.

289. *Balcis*, sp. *Leach* MSS. 1819. *Melania*, sp. *Payr.* *Eulima*, sp. *Risso*, 1826; *Philippi*. *Phasianella*, sp. *Flem.* *Helix*, sp. *Brocchi*. *Turbo*, sp. *Renieri & Donovan*. *Helix subulata*.
290. *Eulima*, *Risso*, 1826; *Cantraine*. *Balcis*, sp. *Leach*, 1819. *Parithea*, *J. Lea*, 1833. *Melania*, sp. *Lam.*, *Blainv.* *Melania* \*, *Philippi*. *Phasianella*, sp. *Flem.* *Helix*, sp. *Montug.*, *Brocchi*. ? *Polyphemopsis*, *Portlock*. *Helix polita*.
291. *Niso*, *Risso*, 1826; *Philippi* (*Nisso, error*). *Bonellia*, *Desh.* 1838; not *Rolando* nor *Cuvier*. *Janella*, *Gratel.* 1830. *Bulimus*, sp. *Lam.* *Helix*, sp. *Brocchi*. *Turbo terebellum*.
- Pasithea*, sp. *J. Lea*, 1833. *Pasithea claibornensis*, *Lea*.

#### Fam. ACTEONIDÆ.

292. *Acteon*, *Montf.* 1810. *Tornatelle*, *Lam.* 1812. *Tornatella*, *Lam.* 1822. *Speo*, *Risso*, 1826. *Auris-mustela*, *Humph.* 1797. *Myosota*, *Humph.* MSS. *Pedipes*, *A. Blainv.* *Bulimus*, sp. *Brug.* *Turbo*, sp. *Da Costa*. *Voluta tornatilis*.
293. *Dactylus*, *Schum.* 1817. *Solidula*, *Fischer*. *Tornatella*, sp. *Lam.* 1822. *Auricula*, sp. *Martini*. *Bulimus*, sp. *Brug.* *Helix*, sp. *Gmelin*. *Voluta*, sp. *Dillw.* *Bulla solidula*.
294. ? *Acteocina*. *Acteon*, sp. *J. Lea*, 1833. *Acteon Wetherellii*, *Lea*.
295. *Cinulia*, *Gray*, 1840; 1844, 62. *Avellana*, *D'Orb.* 1846. *Avellana globulosa*, *D'Orb.*

296. Ringinella, *D'Orb.* 1846. Ring. lacryma, *D'Orb.*  
 Globioconcha, *D'Orb.* 1826. Glob. rotundata, *D'Orb.*
297. Acteonella, *D'Orb.* 1846? Act. Renauxiana, *D'Orb.*  
 Acteonella, sp. *D'Orb.* Act. lævis, *D'Orb.*

### Order III. PLEUROBRANCHIATA.

#### Fam. I. BULLIDÆ.

##### DORIDIINA.

298. Doridium, *Meckel*, 1809; *Chiaje*; *Swains.* 1840. Acera, *Cuv.* 1817; *Lam.* 1822. Bulla carnososa, *Cuv.*? Doridium membranaceum.  
 Eidothea, *Risso.* Doridium, sp. *Chiaje*, *Meckel.* Acera, sp. *Lam.* Dor. coriaceum.
299. Phylina, *Ascanius*, 1772. "Phylina," *Lam.* Lobaria, *Müller*, 1776; *Gmel.*; *Blainv.* Bullæa, *Lam.* 1801, 1822; *Swains.* 1840. Amydala, *Planc.* Bulla aperta.
300. Cryptophthalmus, *Ehrenb.* 1831. Bulla smaragdina, *Leuck.* Bulla, sp. *Sow.* Bulla viridis, *Sow.*
301. Scaphander, *Montf.* 1810; *Leach*, 1819. Assula, *Schum.* 1817. Charta, *Murlini.* Bullæa, *Roissy.* Bulla lignarius.  
 [Gioenia, *Gioeni*, *Brug.*; Tricla, *Retzius*; Char, *Bruguère*; is the gizzard of this species.]
302. Alicula, *Ehr.* 1831. Alicula cylindrica.  
 Roxania, *Leach MSS.* 1819. Bulla Cranchii.

##### BULLINA.

303. Akera, *Müller*, 1776, not *Cuvier.* Eucampe, *Leach MSS.* 1819. Vitrella, *Swains.* 1840, 360. Bulla, sp. *Gmel., Lam. &c.* Akera bullata.
304. Bullina, *Risso*, 1826; not *Férussac.* Cylindrella, *Swains.* 1840. Cylichna, *Lovèn*, 1846. Volvaria, *Brown*, 1827 and 1844; not *Lam.* Tornatella, sp. *Kiener.* Bulla cylindrica, *Montag.*
305. Rhizorus, *Montf.* 1810. Rhiz. adelaides, *Montf.*  
 Utriculus, sp. 1827. Utriculus  $\beta$ , *Brown*, 1844. Amphisphyra, *Lovèn*, 1846. Bulla pellucida, *Johnst.*  
 Diaphana, *Brown*, 1837. Diaph. candida, *Brown.*
306. ? Utriculus *a*, *Brown*, 1844. Retusa, sp. *Brown*, 1817. Bulla obtusa, *Montag.*
307. Bulla, *Lam.* 1801; *Schum.* 1817. Bullus, *Montf.* 1810. Vesica, *Swains.* 1840. ? Cymbium (gosson), *Adans.* 1757. Bulla ampulla.  
 Haminea, *Leach MSS.* 1819. Bulla hydatis.

308. Atys, *Montf.* 1810. Naucum, *Schum.* 1817. Vesica, sp. *Swains.* 1840. Bulla naucum.

## AMPLUSTRINA.

309. Amplusstrum, *Schum.* 1817, 209. Amplusstra, *Swains.* 1840, 360. Bullina, sp. *Férussac*, 1822; not *Risso*. Bulla amplustre.
310. Hydatina, *Schum.* 1817. Bullina, sp. *Féruss.* 1822; not *Risso*. Bulla Physis.
311. Bullinula, *Beck*; *Swains.* 1840, 360. Bullæa, sp. *Quoy & Gaim.* Bullina, sp. *Féruss.* 1822, Bulla, sp. *Brug., Dillw.* Bulla undata, *Brug.*  
Bullina, sp. *Féruss.* Bulla scabra, *Chemn.*
312. ? Sornetus, *Féruss.* 1822, *Blainv.* 1825. Bulla, sp. *Cuv.* Cymbium (Sornet), *Adans.* 1757, not *Brod.* Sorn. Adansonii, *F.*
313. Gasteropteron, *Meckel*, 1813; *Swains.* 1840, 361. Gasteroptera, *Blainv.* 1825. Opiptera, *Rafin.* ? Sarcoptera, *Rafin.* Parthenopia, *Oken*, 1815 (not Parthenope, *Scacchi*). Clio, *Chiaje*, not *Pallas*. Gasteroptera Meckelii, *Blainv.*
314. ? Atlas, *Lesueur*, 1810. Atlas Peronii.

## Fam. II. APLYSIADÆ.

315. Dolabella, *Lam.* 1801; *Cuv.* 1817. Doris, sp. *Gmelin.* Aplysia a, *Rang.* Operculum callosum, *Rumph.* Dolabella callosa, *Lam.* Doris verrucosa.
316. Dolabrifera. Dolabella, sp. *Cuvier*, 1817; *Féruss.* Aplysia b, *Rang.* Dolabella dolabrifera.  
? Thallepus, *Swains.* 1840, 357. Th. ornatus, *Sw.*  
Petalifera. Aplysia petalifera.
317. Aplysia, *Gmelin*, 1790; *Cuv.* 1817; *Lam.* 1822. Aplysia C b, *Rang.* Laplysia, *Linn.* ed. 12; *Lam.* 1801; *Bosc.* Lernea, *Linn.* ed. 5, 6; *Bohadsch.* Tethys or Tethis, *Linn.* ed. 10. Lepus marinus, *Rondel.* Esmia, *Leach MSS.* 1819 (young). Dolabella, sp. *Lam.* 1822, shell. Aplysia depilans.  
Dolabella, *Risso*, 1826; not *Lam.* 1801. Aplysia, *Swains.* 1840, 359. Aplysia C a, *Rang.* Aplys. fasciatus.
318. Notarchus, *Cuv.* 1817; *Schum.* 1817; *Blainv.* Aclesie, *Rang.* N. Cuvieri, *Blainv.*  
Bursiris, *Risso*, 1826. Notarchus, sp. *Philippi*, 1846. Burs. griseus.  
Notarchus ocellatus, *Rang.*
319. Bursatella, *Blainv.*; *Andouin*; *Swains.* 1840, 359. Notarchus, *Swains.* 1840, 359; not *Cuv.* Notarchus, sp. *Rang.* B. Savigniana, *Rang.* B. Leachii, *Blainv.*  
Aclesie, sp. *Rang.* Aclesie Pleii.

## ICARINA.

320. ? *Icarus*, *Forbes*, 1843. *Icarus Gravesii*.

## LEPHOCERCINA.

321. *Lephocercus*, *Krohn*, 1847. *Lepho. Sieboldii*.  
 322. *Lobiger*, *Krohn*, 1847. *Lobiger Philippi*.

## Fam. III. PLEUROBRANCHIDÆ.

## UMBRELLINA.

323. *Umbella*, *Chemn.* 1780. *Acardo*, *Lam.* 1801; *Megerle*, 1811. *L'ombrelle*, *Lam.* 1812; *Férussac*. *Umbrella*, *Lam.* 1822. *Umbraclum*, *Schum.* 1817. *Gastroplax*, *Blainv.* *Ombrella*, *Blainv.* *Patella*, sp. *Humph.*, *Linn.* *Patella umbellata*.

N.B. *Acardo crustularius*, *Lam.* 1801, *E. M.* 173. f. 1, 2, is part of the vertebra of a whale: this bone has also been described as *Alcyonium paniceum*, *Lam. Hist.* ii. 400. n. 31.

## TYLODINANA.

324. *Tylodina*, *Rafinesq.*; *Blainv.* 1825; *Philippi*, 1836, *Joannis*. *Tylod. punctata*.

## PLEUROBRANCHIANA.

325. *Pleurobranchus*, *Cuvier*. Pl. *Peronii*.  
*Lamellaria b*, sp. *Montag.* *Oscanius*, *Leach MSS.* 1819. *Pleurobranchus*, *Flem.* *Bulla membranacea*, *Montag.*  
*Discoides*, *Renieri*.  
 326. *Berthella*, *Blainv.* 1825. *Cleanthus*, *Leach MSS.* 1819. *Lamellaria b*, sp. *Montag.* *Pleurobranchus*, sp. *Flem.* " *Laminaria*, *Gray*," *Desh.* *Bulla plumula*.  
*Pleurobranchus*, sp. *Cuv.* Pl. *luniceps*.  
 327. *Pleurobranchæa*, *Leve*, 1813; *Cuv.* 1817. *Pleurobranchus*, *Oken*, 1815. *Cyanogaster*, *Rudolphi*. *Pleurobranchæna*, *Swains.* 1830, 361. *Pleurobranchidium*, *Blainv.* 1825; *Verany*. *Pleur. Meckelii*.  
 328. *Postebranchus*, *D'Orb.* 1837. *Posteriobranchus*, *Gray*. *Post. maculatus*.  
 329. ? *Westernia*, *Quoy & Gaim.*; *Rang*, 1829.  
 330. ? *Gervisia*, *Quoy & Gaim.*; *Rang*, 1829.

## Fam. IV. PTEROTRACHEIDÆ.

331. *Anops*, *D'Orb.* 1835. *Anops Peronii*.  
 332. *Pterotrachea*, *Forsk.* 1775; *Brug.*, *Cuvier*. *Pterot. coronata*.  
*Firola*, *Peron & Lesueur*, 1810; *Rang*, *D'Orb.* *Fir. Quoyiana*.  
 ? *Hyptere*, *Rafinesque*.  
*Firoloide*, *Lesueur*. *Fir. Desmarestiana*.

333. Cerophora, *D'Orb.* 1835. Cerop. Lesueurii.  
 334. Cardiapoda, *D'Orb.* 1835. Card. pedunculata.  
 335. Carinaria, *Lam.* 1801; *D'Orb.* Carinarius, *Montf.* 1810. Pterotrachea, sp. *Cuv.* Car. vitrea.  
 336. Argonauta, *Linn., Lam.* 1801. Arg. sulcata.  
 337. Bellerophon, *Montf.* 1810.  
 338. Bellerophorina, *D'Orb.*; not *Forbes.*

## Fam. V. SAGITADÆ.

339. Sagita, *Quoy & Gaim.* 1829?  
 Sagita triptera, *D'Orb.*  
 Sagita diptera, *D'Orb.*  
 Sagita exaptera, *D'Orb.*  
 340. Sagitella, *Lesueur.* Pterotrachæa c, *Blainv.* 1825. Sagit. æquipinnis.

## Order IV. GYMNOBRANCHIATA.

## Fam. I. DORIDÆ.

## DORIDINA.

341. Glossodoris, *Ehrenb.* 1831. Glos. xantholeuca.  
 Doris-digitata, *D'Orb.* 1838? Dor. verrucosa.  
 342. Actindoris, *Ehrenb.* 1831. Act. sponsa.  
 343. Pterodoris, *Ehrenb.* 1831. Pter. picturata.  
 344. Doris, *Iann.*; *Lam.* 1801. Doris Argo.  
 Dendoris, *Ehrenb.* 1831. Den. lugubris.  
 345. Brachychlanis, *Ehrenb.* 1831 (Brachychlamys, *misprint*). Bra. pantherina.  
 Doris-prismatica, *D'Orb.* 1838. D. atromarginata.  
 Goniodoris, *Forbes,* 1840. Doris nodosa.  
 Doris  $\beta$ . prismatica, *Cuv.* 1817. Dor. cera.  
 346. Actinocyclus, *Ehrenb.* 1831. Act. verrucosus.  
 347. Asteronotus, *Ehrenb.* 1831. Ast. Hemprichii.  
 348. Hexabanchus, *Ehrenb.* 1831. Hex. prætextus.  
 Doris, sp. *Cuv.* Dor. laciniata.  
 Doris \*\*, *Alder & Hancock.* D. muricata.  
 349. Onchidoris, *Blainv.* 1816. Onchidiorus, *Férus.* Onchidora, *Cuv., D'Orb.* Onchidiodoris, *Agass.* 1847. O. Leachii.  
 ? Peronia, *Lesson,* not *Blainv.* P. — ?  
 ? Plocamophorus, *Leuck.* P. — ?  
 350. Villiersia, *D'Orb.* 1837. Vill. scutigera.  
 351. ? Hypobranchiæa, *Adams,* 1847. H. fusca.

## TRIOPINA.

352. *Triopa*, *Johnst.* 1838; *Alder & Hanc.* 1845. *Liopa*, *Gray*, 1840 (*misprint*). *Themisto*, sp. *Oken*, 1815. *Tritonia*, *Lam.* 1810; not *Cuvier*, 1787. *Psiloceros*, *Menke.* *Cladophora*, *Gray*, 1840. *Euplocamus*, sp. *Philippi*, *Thompson.* *Dor. clavigera.*

## POLICERINA.

353. *Aegires*, *Lorèn*, 1846; *Alder & Hanc.* 1845. *Polycera*, sp. *D'Orb.* 1837. *Pol. punctilucens.*
354. *Thecacera*, *Flem.* 1828; *Alder & Hanc.* 1845. *Doris pennigera.*
355. *Polycera*, *Cuv.* 1817; *Risso*, 1826; *Alder & Hanc.* *Themisto*, sp. *Oken*, 1815. *Doris quadrilineata.*  
*Triopa*, sp. *Johnst.* *Triopa Nothus.*
356. *Idalia*, *Leuck.* 1828. *Doris*, sp. *Mont.* *Okenia*, *Brown.* *Idalia elegans.*  
*Euplocamus*, *Philippi*, 1836. *Idalia*, sp. *Philippi*, 1844. *Euplocamus croceus.*  
*Doris*, sp. *Cantraine.* *Eup. ramosus.*
357. *Ancula*, *Lorèn*, 1846. *Idalia*, sp. *Alder & Hanc.* *Polycera*, sp. *Alder.* *Polyc. cristata.*
358. *Dimorpha*, *M. Edw.* 1837; *Gray*, 1840.
359. *Plocamoceros*, *Leuck.*, *Rüppell.* "Placamoceros," *D'Orb.* *Ploc. ocellatus.*
360. *Peplidea*, *Lowe*, 1842. *Pepl. Maderæ.*

## JANINA.

361. *Janus*, *Verany* (1844), 1846. *J. spinolæ*, t. 1. f. 9.

## Fam. II. TRITONIADÆ.

## TRITONIANA.

362. *Tritonia*, *Cuv.* 1785, 1817, not *Lamk.* *Sphærostoma*, *Macgilliv.* *T. Hombergii.*
363. ? *Duvaucelia*, *Leach*; *Risso*, 1826. *D. gracilis.*

## MELIBÆINA.

364. *Dendronotus*, *Alder & Hanc.* 1844. *Amphitrite*, *Ascan.* *Tritonia*, sp. *Sars*, *Thomp.*, &c. *Doris*, sp. *Müller.* *Doris arborescens.*
365. *Doto*, *Oken*, 1815 (*Dota*, *Gray*, *error of press*). *Tritonia*, sp. *Cuvier.* *Melibæa*, sp. *Johnst.* *Tergipes*, sp. *D'Orb.* *Doris maculata.*  
*Melibæa*, sp. *Johnst.* *Doris fragilis*, *Forbes.*



366. Lomanotus, *Verany*, 1846. Lom. Genei.  
 367. Melibe, *Rang*, 1829. Melibæa, *Forbes*, 1838. Melibe, sp. *Johnst.* Melibœa, *Herrm.* Malybe, *Gray (error of press)*, 1840. Melibe — ?  
 368. Scyllæa, *Linn.* S. pelagica.  
 369. Nerea, *Lesson*, 1830. Nerea punctata.  
 370. Tethys or Tethis, *Linn.* Tethis, *Lam.* 1801. Fimbria, *Bohadsch*, 1761; not *Megerle*. Tethys fimbriata.

## EOLIDINA.

371. Glaucus, *Forster*, 1800; *Cuv.*; *Lam.* 1812; not *Poli*, 1795. Scyllæa, sp. *Bosc.* Doris, sp. *Gmelin.* Doris radiata.  
 372. Laniogerus, *Blainv.* 1825. Glaucus in a bad state? *Lan. Elfortii.*  
 373. Eolidia, *Cuv.* 1797; *Lam.* 1812. Æolis, *Oken*, 1815; *Lovèn*, 1846. Limax, sp. *Linn.* Doris, sp. *Müller.* Eolis, sp. *Alder & Hanc.* Æolidia, *Herrm.* 1846. Doris papillosa. Æolidia, *Ehrenb.* 1831. Æol. habessinica. Montagua, *Flem.* 1824. Eubranchus, *Forbes.* Doris, sp. *Mont.* Doris cærulea. Ethalion, *Risso*, 1826. Eolidia, sp. *Otto.* Eol. hystrix. ? Eolidina, *Quatrefages*, 1843. Eol. — ?  
 374. Calliopæa, *D'Orb.* 1837; *Verany.* Call. bellula.  
 375. Cavolina, *Brug.* 1792; *Cuv.* 1817; not *Abild.* Eolis c, *Alder.* Eolidia, sp. *Cuv.* Doris peregrina. Montagua, sp. *Flem.* 1824. Doris longicornis. Eolidia, sp. *Chamisso.* Eol. annulicornis.  
 376. Flabellina, *Cuv.* 1830. Flabellines, *Cuv.* 1817. Eolis b, *Alder.* Doris affinis.  
 377. Tergipes, *Cuvier*, 1817; *Lovèn*, 1846. Eolis d, *Alder.* Limax, sp. *Forsk.* Doris, sp. *Gmel.* Æolis, sp. *Johnst.* Tegipes, *Ald. & Hanc. (error of press).* Doris lacunculata. Doris, sp. *Mont.* Doris maculata.  
 378. Hermæa, *Lovèn*, 1846. Doris, sp. *Mont.* Doris bifida.  
 379. Clælia, *Lovèn*, 1846. Doris, sp. *Vahl.* Doris fimbriata. Tritonia, sp. *Forsk.* Trit. velata.  
 380. Alderia, *Allman*, 1844; *Alder & Hanc.* 1844; *Lovèn.* Stilifer, *Lovèn*; not *Ehrenb.* Stilifer modesta.  
 381. Pterochilus, *Alder & Hanc.* 1844. Pteroc. pulcher.  
 382. Proctonotus, *Alder & Hanc.* 1844. Proct. mucroniferus.  
 383. Stilifer, *Ehrenb.* 1831, not *Flem.* Stiliger, *Gray*, 1840 (*error*). Stilifer ornatus.



384. *Phyllodesmium*, *Ehrenb.* 1831. *Phyl. hyalinum*.  
 385. ? *Enmenis*, *Alder & Hanc.* 1845. *Eum. marmorata*.  
 386. ? *Dermatobranchus*, *Hasselt*, 1824 ; *Blainv.* 1825. *D. striatus*.

## Fam. III. PLACOBANCHIIDÆ.

387. *Placobranchus*, *Hasselt*, 1824 ; *Blainv.* 1825 ; *Rang.* *Plac. ocellatus*.  
 388. *Elysia*, *Risso*, 1812, 1826 ; *Blainv.* 1825 ; *Philippi*, 1844. *E. timida*, *Risso*.  
*Acteon*, *Oken*, 1815. *Actæon*, *Rang* ; not *Montf.* 1810. *Aplysiop-terus*, *Chiaje*. *Rhycobranchus*, *Cantraine MSS.* 1827. *Placobranchus*, sp. *Lorèn*. *Planaria*, sp. *Flem.* *Aplysia*, sp. *Montag.* *Aplysia C*, *Blainv.* *Elysia*, sp. *Philippi*, *Verany*. *Aplysia viridis*, *Montag.*  
 389. ? *Fucola*, *Quoy & Gaim.* 1832. *Fucicola*, *Menke*, 184 ? ; *Herrm.* *Fucola* — ?

## Fam. IV. LIMAPONTIADÆ.

390. *Limapontia*, *Johnst.* 182 ? ; *Alder & Hanc.* 1846. *Pelta*, sp. *Quatrefages*, 1844. *Planaria*, sp. *Müller*. *Lim. nigra*.  
*Pelta*, *Quatrefages*, 1844 ; not *Beck*, 1837. *P. coronata*.  
 391. ? *Chalidis*, *Quatrefages*, 1844. *Ch. cærulea*.  
*Chalidis*, *Ald. & Hanc.* *Ch. nigricans*.  
 392. *Ictis*, *Alder & Hanc.* 1847. *Ictis Cocksii*.  
 393. ? *Acteonia*, *Quatrefages*, 1844. *Act. senestra*.  
*Acteonia*, *Alder & Hanc.* 1847. *A. corrugata*.  
 394. *Zephrina*, *Quatrefages*, 1844. *Z. pilosa*.  
*Venilia*, *Alder & Hanc.* 1847. *V.* — ?  
*Proctonotus*, *Alder & Hanc.* 1847. *P. splendidulus*.  
 395. *Amphorina*, *Quatrefages*, 1844. *Am. Aberti*.

## Fam. V. PHYLLIRRHOIDÆ.

396. *Phyllirrhoë*, *Peron* ; *Esch. (Isis)* 1825 ; *Philippi*. *Phylliroë*, *Curier*, 1817 ; *Risso*, *Blainville*. *Ph. bucephala*.  
*Eurydice*, *Esch. (Isis)* 1825. *E. Lichtensteinii*.  
 397. ? *Appendicularia*, *Esch. (Isis)* 1825. *A.* — ?  
*Tomopterus*, *Esch. (Isis)* 1825 ; *Tomopteris*, *Menke*, 1844 ; *Briaræa*, *Quoy & Gaim.*, 1829 ; *Briaræa*, *Herrm.* 1846 ; *Briareus*, *Good-sir*, 1845, is a crustaceous animal (*Ann. & Mag. N. H.* 1845).

## Fam. VI. PHYLLIDIADÆ.

398. Phyllidia, *Cuvier*; *Lam.* 1801; *Blainv.* 1825. Ph. varicosa.  
Phyllidea, *Swains.* 1840. Ph. pustulosa.
399. Diphyllidia, *Cuvier*, 1817; *D'Orb.* Lingnella, *Blainv.* Diph.  
Brugmansii.  
Pleurophyllidia, *Meckel.* Diph. lineata.
400. ? Buchanania, *Lesson*, 1830. Buch. onchidioides.
401. ? Arminia, *Rafin.*; *Blainv.* 1825.

## Fam. VII. PATELLIDÆ.

402. Patella, *Linn.*; *Lam.* 1801. P. testudinaria.  
Patellus, *Montf.* 1810. P. roseus.  
Patella  $\beta$ , *Schum.* 1817. P. granularis.  
Patella  $\gamma$ , *Schum.* 1817. P. barbara.  
Patella, *Swains.* 1840. P. miniata.  
Lepas, sp. *Adanson.* P. libot.  
Lottia, sp. *Gray*, fide *D'Orb.* Pat. zebrina.  
? Goniclis, *Rafinesque.* ——— ?
403. Nacella, *Schum.* 1817. N. mytiloides.  
Patina, *Leach MSS.* 1819. Patella  $\alpha$ , *Lovèn.* P. cærulea.
404. Helcion, *Montf.* 1810, not *D'Orb.* 1846. Patelloidea, sp. *Can-  
traine.* P. pectinatus.
405. Scutellina. Scutella, sp. *Brod.* 1834, not *Lam.* Scut. crenulata.
406. Lepeta, *Gray*, 1844. Patella  $\gamma$ , *Lovèn.* P. cæca.

## Fam. VIII. CHITONIDÆ.

407. Lophurus and Lophuriderma, *Poli*, 1795. Lepidopleurus, sp.  
*Leach MSS.*; *Risso*, 1826. Chiton \* & \* \*, *Gray*, 1847. Chi-  
ton, sp. *Lam.* 1822. Chiton A, sp. *Blainv.* Ch. sculus.  
Chiton, *Guild.* 1835. Ch. squamosus.
408. Radsia, *Gray*, *Proc. Zool. Soc.* 1847. Chiton \*, sp. *Gray*, 1847.  
Ch. Barnesii.
409. Callochiton, *Gray*, 1847. Chiton, sp. *Montag.* Ch. lævis.
410. Ischnochiton, *Gray*, 1847. Chiton textile.
411. Leptochiton, *Gray*, 1847. Ch. cinereus.  
Lepidopleurus, sp. *Risso*, 1826. Ch. Cajetanus.
412. Tonicia, *Gray*, 1847. Chit. elegans.  
Tonicia \* \*, *Gray*, 1847. Ch. disjunctus.
413. Acanthopleura, *Guild.* 1835; *Gray*, 1847. Canthapleura, *Swains.*  
1810. Ch. spinosa.

414. Chiton, *Linn.*; *Lam.* 1801; not *Guild.* Acanthopleura, sp.  
*Gray*, 1847. Ch. gigas.
415. Schizochiton, *Gray*, 1847. Ch. incisus.
416. Corephium, *Browne?*, 1756; *Gray*, 1847. Ch. echinatus.
417. Plaxiphora, *Gray*, 1847. Ch. Carmichaelis.
418. Onythochiton, *Gray*, 1847. Ch. undulatus.
419. Enoplochiton, *Gray*, 1847. Ch. niger.
420. Mopalia, *Gray*, 1847. Ch. Hindsii.
421. Katharina, *Gray*, 1847. Ch. tunicatus.
422. Cryptochiton, *Gray*, 1847. Ch. amiculatus.
423. Cryptocochnus, "*Blainv.*," *Swains.* 1840. Ch. porosus.
424. Amicula, *Gray*, 1842. Ch. vestitus.
425. Acanthochetes, *Leach*, 1819; *Gray*, 1842, 1847. Acanthochites,  
"*Leach*," *Risso*, 1826. Phakellopleura, *Guild.* 1835; *Swains.*  
1840. Acanthochiton, *Herrm.* 1846. Ch. fascicularis.  
Chitonellus, sp. *Guild.* 1835. Ch. latus.
426. Chitonellus, *Lam.* 1822; *Gray*, 1847. Chitonella, *Desh.* Cry-  
ptoconchus, "*Blainv.*," *Burrows.* Cryptoplax, *Burrows.* Chi-  
toniscus, *Herrm.* 1846. Ch. lævis.
427. Gryphochiton, *Gray*, 1847. Ch. nervicanus.
428. ? Metopoma, *Phillips*, 1844. M. imbricata.

## Order V. PULMOBRANCHIATA.

### Fam. I. ARIONIDÆ.

429. Arion, *Férus.* 1817. Limacia, *Hartm.* 1821. Shell: Lima-  
cella, *Brard.* Limacellus, *Turton.* Limax ater.  
Limacellus, *Blainv.*, not *Brard.* L. Elfortiana.
430. Phosphorax, *Webb*, 183 ? P. — ?
431. Helicarion, *Férussac*, 1821. Helicolimax  $\beta$ , *Blainv.* Helix-  
arion, *Féruss.* 1819. Vitrina, sp. *Sow.*, *Gray*, &c. Helix  
Cuvieri.
432. Platycloster, *Hasselt*, 1824. Helicopsis?, sp. *Beck.* 1837. P.  
corneus.
433. Stenopus, *Guild.* 1828, *Beck.* St. cruentatus.  
Ariophanta, *Desmoulin*, 1829. Nanina, sp. *Gray*, *Beck.* Helix  
lævipes.  
Nanina, *Gray*, 1834, not *Risso.* Zonites, *Swains.* 1840, not *Montf.*  
Vitrina, sp. *Quoy & Gaim.* Hel. citrina.  
Macrochlamys, *Benson*, 1832. Tanychlamys, *Benson*, 1834. Na-  
nina, sp. *Benson*, 1834. Helicella, sp. *Beck.* H. vitrimoides.

- ? *Helicopsis*, *Beck.* Hel. glandula.  
 ? *Microcystis*, *Beck.* ? *Helicolimax*, sp. *Férus.* M. pellicula.  
*Helicogena*, sp. *Férus.* Hel. ligulata.  
 ? *Solarium*, sp. *Spix.* *Helicella*, sp. *Beck.* Sol. imperforatum.

## Fam. II. HELICIDÆ.

## PHILOMYCINA.

434. *Philomycus*, *Rafinesque*; *Férus.* 1829. *Tebenophorus*, *Binney*, 1843. *Helix*, sp. *Bosc.* *Limax* C, *Blainv.* 1825. *Helix* carolinensis.  
 435. *Meghimatium*, *Hasselt*, 1824. M. striatum.  
*Scutelligera*, *Spix*, 1824, (*Isis*) 1825, 588 (*S. amerlandia*), and *Parmula*, *Heyden*, (*Isis*) 1823, 1247. t. 18. 1825, 588 (*P. cocciformis*), is the larva of *Microdon mutabilis*, a dipterous insect.

## LIMACINA.

436. *Limax*, *Linn.*; *Lam.* 1801. Shell: *Limacella*, *Brard.* *Limacellus*, *Turton.* L. rufus.  
*Parmacella*, sp. *Philippi.* P. nigricans.  
 437. *Geomalacus*, *Allman*, 1846. G. maculatus.  
 438. ? *Oris*, *Risso*, 1826. O. Ferussaci.

## TESTACELLINA.

439. *Plectrophorus*, *Bosc*, 1801; *Férussac*, 1819.  
 440. *Testacella*, *Lam.* 1801; *Blainv.* 1825. *Testacellus*, *Montf.* 1810; *Féruss.* T. haliotoideus.

## VITRININA.

441. *Parmacella*, *Cuvier*, 17 ?; *Montf.* 1810; *Lam.* 1812. *Parmacellus*, *Féruss.* P. Olivieri.  
 442. *Cryptella*, *Webb*, 1833. *Testacellus*, sp. *Féruss.* *Parmacella*, sp. *Sow.* C. ambigua.  
 443. ? *Pectella*, —.  
 444. *Vitrina*, *Drap.* *Vitrine*, *Lam.* 1812. *Vitrinus*, *Montf.* 1810. *Helicolimax*, *Férussac.* *Limacina*, *Hartmann*, 1821. *Hyalina*, *Studer.* *Cobresia*, *Hübner.* V. pellucida.  
*Semilimax*, *Férus.* 17 ? *Testacella*, sp. *Oken.* *Hyalina*, *Studer.* *Limacina*, *Hartm.* 1821. V. elongata.  
 445. *Helicolimax*, *Férus.* 1819; *Blainv.* 1825. *Daudebardia*, *Hartm.* 1821. H. rufa.  
 446. *Omalonyx*, *D'Orb.* 1836. *Cochlohydra*, sp. *Férus.* *Homalonyx*, *Agassiz.* *Amphibulima*, sp. *Beck.* *Helix* unguis.

447. *Amphibulima*, sp. *Beck*. *Amphibulima*, *Lam.* 1812. *Amphibulinus*, *Montf.* 1810. *Bulimus*, sp. *Brug.* *A. cucullata*.
448. *Helisiga*, *Lesson*, 1829. *Amphibulina*, sp. *Blainv.* *H.* —.
449. *Succinea*, *Drap.* 1804; *Risso*, 1826. *Cochlohydra*, sp. *Férus.* *Tapada*, *Studer.* *Lucina*, *Oken*, 1819. *Amphibulina*, *Hartm.* 1821. *Limnea*, sp. *Flem.* *Bulimus*, sp. *Brug.* *Amphibina*, *Hartm.* *Helix putris*.
450. *Simulopsis*, *Beck*, 1837. *Cochlohydra*, sp. *Férus.* *Helix sulcosa*.
451. *Pelta*, *Beck*, 1837, not *Quatrefages*. *P. Cumingii*.

## HELICINA.

452. *Helix*, *Lin.*, *Brug.*, *Lam.* 1801. *Pomatia*, *Beck*, 1837; *Gray*, 1840. *Helicogena*, sp. *Férus.*; *Risso*, 1826. *Cœnatoria*, sp. *Held.* 1837. *Helix Pomatia*.
- Cantareus*, *Risso*, 1826. *Lucena*, *Hartm.* 1821. *Tapada*, *Gray*, 1840. *Pomatia*, *Gesner.* *Cœnatoria*, sp. *Held.* 1837. *Hel. naticoides*.
453. *Acavus*, *Montf.* 1810; *Beck*, 1837. *Otala*, *Schum.* 1817. *Helicogena*, sp. *Férus.* *Helix hæmastoma*.
- Helicogena*, sp. *Risso*, 1826; *Beck.* *Tachea*, sp. *Leach MSS.* 1819. *Cepæa*, *Held.* 1837. *Helix nemoralis*.
- Otala*, sp. *Schum.* 1817. *Helix lactea*.
- Helix*, *Risso*, 1826. *Cœnatoria*, sp. *Held.* 1837. *Pomatia*, sp. *Beck.* *Tachea*, sp. *Gray*,—*Monstrosity*. *Cornucopia*, *Born, Shaw.* *Serpula*, sp. *Gmelin.* *Helix adspersa*.
454. *Arianta*, *Leach MSS.* 1819; *Beck*, 1837; *Gray*, 1840. *Helicogena*, sp. *Férus.* *Cingulifera*, *Held.* 1837. *Helix arbustorum*.
- Galaxias*, *Beck*, 1837, not *Cuv.* 1817. *Helicogena*, sp. *Férus.* *Helix lucana*.
- Dorcasia*, *Gray.* *D. Alexanderi*.
- Polymita*, *Beck*, 1837. *Helicogena* & *Helicella*, sp. *Férus.* *Helix picta*.
- Hemitrochus*, *Swains.* 1840. ? *Polymita*, sp. *Beck.* *Hem. hæmastoma*.
- Cochlea*, *Adans.* 1757. *Otala*, *Beck*, 1837; not *Schum.* 1817. *Helicogena*, sp. *Férus.* *Helix pouchet*.
- Hemicycla*, *Swains.* 1840. *Otala*, sp. *Beck.* *H. plicatula*.
- Helicostyla*, *Beck*, 1837. *Helicostyla*, sp. *Férus.* *Helix Galactites*.
- Eurycratera*, *Beck*, 1837. *Leiostoma*, sp. *Swains.* *Helicogena*, sp. *Férus.* *H. jamaicensis*.
- Helicophanta*, sp. *Gray.* *Eurycratera*, sp. *Beck.* *H. Falconeri*.
- Carocolla*, sp. *Lam.*, *Schum.* *Discodoma*, *Swains.* *Eurycratera*, sp. *Beck.* *Car. cingulata*.
- Helicogena*, sp. *Férus.* *Eurycratera*, sp. *Beck.* *H. acutangula*.
455. *Stylodon*, *Christ. & Jans.*; *Beck*, 1837. *Helicostyla*, sp. *Férus.* *Helix unidentata*.

- Helicophanta*, *Beck*. *Helicophanta*  $\beta$ , *Férus*. *Leiostoma*, sp. *Swains*. *Helix* *Cornu-gigantea*.  
*Geotrochus*, *Van Hasselt*, 1824. *Geo. obtusus*.  
*Geotrochus*, *Swains*. 1840. *Geotrochus*, sp. *Beck*. *Trochus*, sp. *Chemn*. *Helicogena*, sp. *Férus*. *Helix* *pileus*.  
*Helicina*, *Spix*, not *Lam*. *Geotrochus*, sp. *Beck*. *Trochus*, sp. *Burrows*. *Helicogena*, sp. *Férus*. *Carocolla*, sp. *Gray, Menke*. *Troch. bifasciatus*.  
*Solarium*, (sp.) *Spix*, not *Lamk*. *Artemon*, sp. *Beck*. *Sol. candidum*.  
*Dentellaria*, *Schum*. 1817; *Beck*, 1837. *Helix* *fuliginea*.  
*Lucidula*, *Swains*. 1840. *Dentellaria*, sp. *Beck*. *Helix* *barbata*.  
*Lucernella*, *Swains*. 1840. *Dentellaria*, sp. *Beck*. *Helix* *hippocastanum*.  
*Thelidomus*, *Swains*. 1840. *Dentellaria*, sp. ? *Beck*. *Helix* *aspera*.  
456. *Vallonia*, *Risso*, 1826. *Amplexus*, *Brown*, 1827. *Lucena*, *Hartm*. 1821. *Circinaria*, *Beck*, 1837. *Zurama*, *Leach MSS*. 1819. *Corneola*, sp. *Held*. 1837. *Helix* *pulchella*.  
*Mesomphyx*, *Rafinesque*. *Circinaria*, sp. *Beck*. *Helix* *concava*.  
*Macrocyclus*, *Beck*, 1837. *Helicella*, sp. *Férus*. *H. peruviana*.  
*Campylæa*, *Beck*, 1837. *Helix* *hispana*.  
*Chilostoma*, *Fitz*. *Campylæa*, sp. *Beck*. *Helix* *foetens*.  
*Corneola*, sp. *Held*. 1837. *Helicogona*, sp. *Risso*. *Helix* *cornea*.  
*Solarium*, *Spix*. *Helicella*, *Swains*. 1840. *Helicella*, sp. *Férus*.  
*Solaropsis*, *Beck*, 1837. *Helix* *pellis serpentis*.  
457. *Iberus*, *Montf*. 1810. *Carocolla*, sp. *Lam*. *Helicogena*, sp. *Férus*. *Helix* *Gaulteriana*.  
*Chilotrema*, *Leach*, 1819; *Gray, Beck*. *Latomus*, *Fitz*. *Carocolla*, sp. *Lamk*. *Helicogona*, *Risso*. *Helicogena*, sp. *Férus*.  
*Lenticula*, *Held*. 1837. *Helix* *lapicida*.  
*Carocollina*, *Ehrenb.*; *Beck*, 1837. *Carocolla*, sp. *Menke*. *Helix* *barbata*.  
*Trigonostoma*, *Fitz, Gray*. *Helicodonta*, sp. *Férus., Risso*. *Vortex*, *Beck*. *Gonostoma*, *Held*. 1837. *Helix* *obvoluta*.  
*Drepanostoma*, *Porro*. *Chloritis*, sp. *Beck*. *Helix* *Drepanostoma*.  
*Chloritis*, *Beck*. *Helix* *ungulina*.  
*Planospira*, *Beck*, 1837. *Lomastoma*, *Férus*. *Pusiodon*, sp. *Swains*. 1840. *H. zonaria*.  
*Obba*, *Beck*, 1837. *Helicella*, sp. *Férus*. *H. planulata*.  
*Obba*, sp. *Beck*, 1837. *Helicogena*, sp. *Férus*. *Trochus*, sp. *Chemn*. *H. papilla*.  
*Ampeïta*, *Férus*. *H. labrella*.  
*Discosoma*, sp. *Swains*. 1840. *Carocolla*, sp. *Gray, Lesson; Beck*, 1837. *H. marginata*.  
*Carocollus*, *Montf*. 1810. *Carocollus*, *Lamk*. 1812. *Helix* *Carocolla*.  
*Carocolla*, *Schum*. 1817. *Helix* *Lampas*.  
*Polydantes*, *Montf*. 1810. *Helicodontes*, sp. *Férus*. *H. imperator*.



458. Lampadion, *Bolten*, 1798. Lucerna, sp. *Humph.* 1797. Labyrinthus, *Beck*, 1837. Lyrostoma, *Swains.* 1842. Helicodonta, sp. *Férus.* Helix otis.  
 Caprinus, *Montf.* 1810. Pleurodonta, *Fischer; Beck*, 1837. Carocolla, sp. *Lam.* Lucerna, sp. *Swains.* Helix lynuchus.  
 Cepolis, *Montf.* 1810. Pleurodonta, sp. *Beck.* Helix Ceba.
459. Tomogerus, *Montf.* 1810. Anostoma, *Fischer, Lamk.* Angystoma, *Schum.* 1817. Anastomus, *Swains.* 1840. Hel. ringens.  
 Tomigerus, *Spix.* Helix clausa.  
 Ringicella, *Gray.* Anastomus, sp. *Lam.* Anas globulosa.
460. Polygyra, *Say*, 1817; *Swains.* 1840. Helicodonta, sp. *Férus.* Dædalochila, *Beck*, 1837. P. auriculata.  
 Petasia, *Beck*, 1837. Polita, sp. *Held.* 1837. Trochus, sp. *Da Costa.* Helix trochiformis.  
 Conulus, *Fitz.* Petasia, sp. *Beck.* Trochiscus, *Held.* 1837; not *Sow.* Helix fulva.  
 Tridonta. Tridopsis, sp. *Beck.* Helix plicata.  
 Tridopsis, *Rafin.* Helix lunula.  
 Isognomostoma, *Fitz.* Tridopsis, sp. *Rafin., Beck.* Isognostoma, *Hartm.* 1840. Isognomonostoma, *Herrm.* 1846. Helix personata.  
 Stenotrema, *Rafin.* Tridopsis, sp. *Beck.* Helix convexa.  
 Mesodon, *Rafin.* Tridopsis, sp. *Beck.* Helix elevata.  
 Polygyra, sp. *Say, Beck.* Helix septemvalva.  
 Polygyratia. Polygyra, sp.? *Beck.* Hel. Polygyrata.
461. Theba, *Leach MSS.* 1817; *Risso*, 1827; *Beck*, 1837.  
 Trochidea, *Brown*, 1827. Trochus, sp. *Da Costa.* Turricula, *Beck*, 1837. Carocolla, sp. *Lamk.* Helicomanes  $\beta$ , sp. *Férus.* Helix elegans.  
 Theba, *Risso*, 1827. Helicomanes  $\alpha$ , sp. *Férus.* Xerophila, sp. *Held.* 1837. Helix pisana.  
 Cochlicella, sp. *Férus.* H. conoidea.  
 Helicopsis, *Fitz.* 1835; not *Beck.* H. striata.  
 Oxycheilus, *Fitz.* H. ericetorum.  
 Leucochroa, *Beck*, 1837. Carocolla, sp. *Lamk.* H. albella.  
 Delphinula, *Bowd.* H. Delphinula.  
 Helicogena, sp. *Férus.* H. candidissima.  
 Ochthephila, *Beck*, 1837. Geometra, *Swains.* 1840. H. bicarinata.  
 Bradybæna, *Beck*, 1837. H. similis.  
 Hygromia, *Risso*, 1826. Fruticola, *Held.* 1837. Bradybæna, sp. *Beck.* H. cinctella.  
 Monacha, *Fitz.* Theba, sp. *Risso.* Bradybæna, sp. *Beck.* Hel. carthusiana.  
 Trochulus, *Christ.* Hel. hispida.  
 Heterostoma, *Hartm.* 1844. Ochthephila, sp. *Beck.* Hel. paupercula.
462. Helicella. Helicelle, *Lam.* 1812.  
 Helicella, *Beck*, 1837. Helicelle, *Lam.* 1812. Helicella, sp. *Risso*,



1826. *Oxycheilus*, *Fitz.* *Helicella* (*hyalina*), *Férus.* *Zonites*, sp. *Leach, Gray.* *Hyalina*, *Férus.*; *Gray*, 1840. *Polita*, *Held.* 1837. *Hel. cellaria.*
- Vitreia*, *Fitz.* *Helicella*, sp. *Beck.* H. — ?
- Mesomphix*, *Rafin., Beck.* *Zonites*, sp. *Gray.* *M. lævigata.*
- Mesomphix*, sp. *Beck.* *Helix Olivetorum.*
- Zonites*, *Montf.* 1810; *Beck*, 1837. *Helicella* (*verticilli*), *Férus.*
- Helicella*, sp. *Risso.* *Tragomma*, *Held.* 1837. *Helix Algira.*
- Ægopis*, *Fitz.* *Zonites*, sp. *Beck.* *Hel. verticillus.*
- Eyromphala*, *Beck*, 1837. *Patula*, *Held.* 1837. *Hel. alternata.*
- Discus*, *Fitz.* *Eyromphala*, sp. *Beck.* *Patula*, *Held.* 1837. H. *runderata.*
- Gonyodiscus*, *Fitz.* *Eyromphala*, sp. *Beck.* H. *solaria.*
- Pyramidula*, *Fitz.* *Eyromphala*, sp. *Beck.* H. *rupestris.*
463. *Sagda*, *Beck*, 1837. *Epistyla*, *Swains.* 1840. *Epistylum*, *Gray*, 1840. *Helicostyla*, sp. *Férus.* *Trochus alveolatus.*
- Helicodonta*, sp. *Férus.* *Sagda*, sp.? *Beck.* *Helix gularis.*
- ? *Pitys*, *Beck.* *Pitys aparana.*
464. *Streptaxis*, *Gray, Swains.* 1840. *Artemon*, *Beck*, 1837. *Helix contusa.*

## BULIMINA.

465. *Orthostylus*, *Beck*, 1837. *Cochlostyla*, sp. *Férus.* *Helix viridis.*
- Cochlostyla a*, *Férus.* *Orthostylus*, sp. *Beck.* *Bul. metaformis.*
- ? *Pythohelis*, *Swains.* 1840. *P. castanea.*
- Balea*, *Blainv.* 1825; not *Leach.* *Bulimus citrinus.*
- Helicobulimus*, *Brod.* 1840. *Orthostylus*, sp. *Beck*, 1837. H. *sarcinosa.*
466. *Bulimus*, *Scopol.* 1777; *Brug.* 1792; *Lamk.* 1801; *Montf.* 1810; *Beck*, 1837. *Melania*, *Perry*, 1811; not *Lam.* *Bul. hæmastomus.*
- Strophocheilus*, sp. *Spix.* *Bulimus*, sp. *Lamk., Férus.* *Bul. ovatus.*
- Strophocheilus*, *Spix.* *Partula*, sp. *Férus.* *Voluta*, sp. *Dillw.*
- Bulimus*, sp. *Brug.* H. *pudica.*
- Gonyostomus*, *Beck*, 1837. *Gonyostoma*, *Swains.* 1840. *Pupa*, sp. *Gray.* *Cochlogena*, sp. *Férus.* *Hel. gonyostoma.*
- Odontostomus*, *Beck*, 1837. *Cochlodina*, sp. *Férus.* *Pupa*, sp. *Menke.* *Hel. gargantula.*
- Auricula*, sp. *Lea.* *Aur. fuscagula.*
- Clausilia*, sp. *Spix.* *Pupa*, sp. *Wagner.* *Claus. exesa.*
- Scarabus*, sp. *Menke.* *Scar. labrosa.*
- Stenostoma*, *Spix.* *Pelekocheilus*, sp. *Beck.* *St. Paru.*
- Caprella*, *Guild.* 1825; not *Lamk.* *Pelekocheilus*, *Guild.* *Pelekocheilus*, *Beck.* *Carychium*, *Leach*, 1817; not *Müller.* *Auricula*, sp. *Lam.* *Voluta auris Seleni.*
- Auricula*, *Swains.* 1840. *Auricula*, sp. *Lamk.* *Pelekocheilus*, sp. *Beck.* *Pupa*, sp. *Gray.* *Bulimus auris Seleni.*
- Otostomus*, *Beck*, 1837. *Auricula*, sp. *Wagner.* *Auris*, sp. *Spix.*
- Stomatoides*, *Férus.* *Auris signata.*

- Stenostoma, *Spix.* Otostomus, sp. *Beck.* Auricula, sp. *Lam., Swains.* Bulimus, sp. *Brug.* Pupa, sp. *Gray.* Auricula Leporis.
- Navicula, *Spix.* Otostomus, sp. *Beck.* Helicogena, sp. *Moricd.* Nav. fasciata.
- Pachyotus, *Beck.* Voluta, sp. *Chemn.* Pupa, sp. *Gray.* Cochlogena, sp. *Férus.* Vol. auris vulpina.
- Auris, *Spix.* Bulimus, *Swains.* Bulimus, sp. *Sow.* Pachyotus, sp. *Beck.* Bul. melanostomus.
- Placostylus, *Beck,* 1837. Auricula, sp. *Lamk.* Bulimus, sp. *Brug.* Cochlogena, sp. *Férus.* Vol. australis.
467. Partula, *Férus.* Limax, *Martyn.* Partulus, *Beck,* 1837. Voluta, sp. *Chemn.* Helix, sp. *Dillw., Quoy & Gaim.* Limax faba.
468. Zua, *Leach MSS.* 1819; *Gray,* 1840. Bulimus, sp. *Brug.* Achatina, sp. *Menke.* Cionella, sp. *Jeffreys, Beck.* Helix lubrica.
- Ageca, *Leach MSS.* 1819; *Fleming,* 1828; *Gray.* Pupa, sp. *Menke.* Cochlodonta, sp. *Férus.* Cionella, sp. *Jeffreys.* Carychium, sp. *Pfeiffer, Jeffreys.* Turbo tridens.
- ? Pegea, *Risso,* 1836 (jun.?). P. carnea.
- ? Crenea, *Risso,* 1826. Cr. vitrea.
469. ? Tornatellina, *Beck,* 1837. Torn. clausa.
- Strombilus, *Alton,* 1839. St. turritus.
- Elasmatina, *Petit,* 1843. E. subulatus.
470. Bulimulus, *Leach MSS.*; *Risso,* 1826. Buliminus, sp. *Beck.* Bulimus, sp. *Lam.* Cochlogena, sp. *Férus., D'Orb.* Zebrina, *Held.* 1837. Helix detrita.
- Bulimulus, *Guild., Swains.* Bulimus, sp. *Beck.* Bul. stramineus.
- Stenostoma, *Spix.* Bulimus, sp. *Spix.* Bulimulus, sp. *Beck.* St. Capueira.
- Buliminus, *Ehrenb., Beck.* Pupa, sp. *Lamk.* Pupa labrosa.
- Buliminus, sp. *Beck.* Bulimus proteus.
- Ena, *Leach MSS.* 1819; *Gray.* Mendigera, *Held.* 1837. Bulimus, sp. *Lamk.* Bul. montanus.
- Brephulus, *Beck,* 1837. Pupa, sp. *Lam.* Bulimus, sp. *Menke.* Bul. fasciolatus.
- Chondrus  $\alpha$ , *Cuvier,* 1817. Pupa, sp. *Lamk.* Brephulus, sp. *Beck.* Bul. zebra.
- Clausilia, sp. *Blainv.* Pupa, sp. *Lam.* Brephulus, sp. *Beck.* Bul. Tournefortii.
- Mastus, *Beck.* Pupa, sp. *Menke.* Helix Pupa.
- Cylindrus, *Fitz.* Pupa, sp. *Lamk.* Mastus, sp. ? *Beck.* Pupa obtusa.
- Macroceramus, *Guild., Beck.* Leptospira, *Swains.* 1840. Cochlodina, sp. *Férus.* Bul. signatus.
- Elisma, *Leach MSS.* 1819; *Longæva, Megerle;* *Menke,* 1830. Cochlicella, *Férus.;* *Risso,* 1826. Cochlicellus, *Beck.* Turbo, sp. *Penn.* Bulimus, sp. *Drap.* Helix acuta.

- Peristoma, *Krynicky*, 184 ? P. merdueniana.  
 Remina, *Risso*, 1826. Bulimus, sp. *Brug.* Obeliscus, sp. *Beck.*  
 Cochlicella, sp. *Férus.* Orbitina, *Risso*, 1826; very young.  
 Helix decollata.  
 Columna, *Spix.* Obeliscus, sp. *Beck*, 1837. Cochlicella, sp.  
*Férus.* Helix calcarea.  
 Obeliscus, *Beck*, 1837. Helix obtusatus.  
 Plectostylus, *Beck*, 1837. Cochlostyla, sp. *Férus.* Achatina, sp.  
*Lesson.* Bul. peruvianus.  
 Orthaliscus, *Beck*, 1837. Achatina, *Spix.* Bulimus, sp. *Brug.*  
 Cochlostyla, sp. *Férus.* Helix Sultana.  
 Achatina, *Swains.* Orthaliscus, sp. *Beck*, 1837. Ach. melano-  
 stoma.  
 Limicolaria, *Schum.* 1817. Limicolarius, *Beck*, 1837. Bulla, sp.  
*Chemn.* Buccinum, sp. *Müller.* Cochlogena, sp. *Férus.* Bucc.  
 flammeum.
471. Pupa, *Lamk.* 1801; *Montf.* 1810; *Schum.* 1817. Cochlodonta,  
 sp. *Férus.* Odostomia, sp. *Flem.* Bulimus, sp. *Brug.* Turbo uva.  
 Pupa, *Swains.* 1840. Bulimus, sp. *Brug.* Turbo mumia.  
 Gibbus, *Montf.* 1810. Bulimus, sp. *Brug.* Gibbulina, sp. *Beck.*  
 Hel. Lyonetiana.  
 Gonidomus, *Swains.* 1840. Gibbulina, sp. *Beck*, 1837. Hel.  
 Pagoda.  
 Otala  $\beta$ , *Schum.* 1817. Plicadomus, *Swains.* 1840. Gibbulina,  
 sp. *Beck*, 1837. Hel. sulcata.  
 Gonospira, *Swains.* 1840. Gibbulina, sp. *Beck*, 1837. Hel. pa-  
 langa.  
 Gibbulina, sp. *Beck*, 1837. H. infundibuliformis.  
 Pupilla, *Leach MSS.* 1819. Pupilla, sp. *Beck.* Bulimus, sp.  
*Brug.* Pupa, sp. *Drap.* Jaminia, sp. *Risso*, 1826. Alæa, sp.  
*Jeffr.* 1820. Torquatella, *Held.* 1837. Eruca, sp. *Swains.*  
 Turbo muscorum.  
 Orecula, *Held.* 1837. Eruca, *Swains.* 1840. Pupilla, sp. *Beck.*  
 Pupa, sp. *Drap.* Pupa dolium.  
 Lauria, *Gray*, 1840. Eruca, sp. *Swains.* 1840. Pupilla, sp. *Beck.*  
 Pupa, sp. *Drap.* Jaminia, sp. *Risso.* Pupa umbilicata.
472. Vertigo, *Müller*, 1774. Pupilla, *Swains.* 1840. Jaminia, sp.  
*Risso.* Pupa, sp. *Drap.* Vert. pusilla.  
 Isthmia, *Gray*, 1840. Vertigo, sp. *Férus.* Alæa, sp. *Jeffreys*,  
 1820. Vert. nitida.  
 Alæa, sp. *Jeffreys*, 1820; *Beck.* Vertigo, *Leach*, 1819. Pupa,  
 sp. *Nilsson.* Alæa palustris.  
 Jaminia, sp. *Risso*, 1826. J. heterostropha.  
 ? Saraphia, *Risso*, 1826. S. uniplicata.
473. Torquilla, *Studer, Beck.* Abida, *Leach MSS.* 1819. Bulimus,  
 sp. *Brug.* Pupa, sp. *Lamk.* Chondrus, sp. *Hartm.* Chon-  
 drus  $\beta$ , *Cuv.* 1817. Jaminia, sp. *Risso.* Vertigo, sp. *Turton.*  
 Granaria, *Held.* 1837. Pupilla, sp. *Swains.* Pupa Secale.  
 Clausilia, sp. *Risso*, 1826; not *Lamk.* Pupa, sp. *Lamk.* Pupa  
 cinerea.

- Gonodon, *Held*. 1837. Chondrula, *Beck*. Chondrus  $\alpha$ , sp. *Cuv*.  
 1817. Jaminia, sp. *Risso*. Bulimus, sp. *Brug*. Pupa, sp.  
*Lamk*. P. tridens.
- Cyclodontina, *Beck*, 1837. Helix Draparnaldi.
- Clausilia, *Spix*; not *Lamk*. Cyclodontina, sp. *Beck*. Pupa, sp.  
*Wagn*. Cl. pupoides.
- Macrodontes, *Swains*. 1840. Cyclodontina, sp. *Beck*. H. Sowerbyana.
- Vertigo, sp. *Férus*. Cyclodontina, sp. *Beck*. V. ovularis.
- Odostomia, *Say*, 1817. Pupa, *Guild*. O. corticaria.
474. Megaspira, *Lea*, 1834; *Jay*. Pyrgelix, *Beck*, 1837. Pupa, sp.  
*Spix*. Macrospira, "Lea," *Swains*. 1840. Pupa elata.
475. Clausilia, *Drap*. 1805. Volvulus, sp. *Oken*. Odostomia, sp.  
*Flem*. Marpessa, *Gray*, 1821. Oxystrombus, sp. *Klein*. Helix,  
 sp. *Linn*. Pupa, sp. *Humph*. & *Drap*. Strombiformis, sp. *Da*  
*Costa*. Bulimus, sp. *Brug*. Cerion, sp. *Bolten*. Turbo bidens.  
*Iphigenia*, *Gray*, 1821, 1840; not *Schum*. 1817. Clausilia, sp.  
*Drap*. Odostomia, sp. *Flem*. Turbo bicipitatus.
- Glischri, *Studer*, 1820.
- Stomodonta, *Mermet*, 1840.
- Clausilina, *Ehrenb*. 1831. C. tuba paradisea.
476. Balea, *Prideaux*; *Gray*, 1824. Balia, *Swains*. 1840. Eruca,  
 sp. *Swains*. 1840. Odostomia, sp. *Flem*. Pupa, sp. *Drap*.  
 Anomala, *Férus*. Fusulus, *Fitz*. Turbo perversa.
477. Brachypus, *Guild*. 1829; not *Swains*. Cochlodina, sp. *Férus*.  
 Brachypodella, sp. *Beck*, 1837. Cyliindrella, sp. *Pfeiffer*, 1840;  
 not *Swains*. Siphonostoma, *Swains*. 1840. Pupa, sp. *D'Orb*.  
 Tracheloides, *Férus*. Helix antiperversa.
- Clausilia, sp. *Lamk*. Cochlodina, sp. *Férus*. Turbo, sp. *Wood*.  
 Claus. collaris.
- Urocoptis, *Beck*. Pupa, sp. *Gray*. Cyclostoma, sp. *Desh*. Turbo  
 cylindrus.
- Clausilia, sp. *Lamk*. Urocoptis, sp. *Beck*. Claus. truncatula.
- Tortulosa, Urocoptis, sp. *Beck*. Turbo tortuosus.
- Apoma, *Beck*, 1837. Pupa, sp. *Gray*. Cochlodina, sp. *Férus*.  
 Turbo elongatus.

#### ACHATINANA.

478. Achatina, *Lam*. 1801. Bulla, sp. *Linn*. Cochlitoma  $\beta$ , *Férus*.  
 Bulimus, sp. *Brug*. Buccinum, sp. *Müller*. Bulla Achatina.  
 Achatinus, *Montf*. 1810; *Schum*. 1817. Bulimus, sp. *Perry*.  
 Bulla zebra.
- Achatina, *Swains*. 1840. Ach. marginata.
479. Columna, *Perry*, 1811; *Schum*. 1817; *Beck*. Cochlicopa, sp.  
*Férus*. Lymnea, sp. *Lam*. Buccinum, sp. *Müller*. Bulimus,  
 sp. *Brug*. Helix Columna.
480. Subulina, *Beck*, 1837. Macrospira, *Guild*.; *Swains*. 1840, p. 335

- (not p. 176). *Bulimus*, sp. *Lamk.* *Cochlicopa*, sp. *Férus.* *Achatina*, sp. *Turton.* *Cionella*, sp. *Jeffreys.* "Chionella," *Swains.* *Melania*, sp. *Rüppell.* *Helix octona.*
481. *Acicula*, *Risso*, 1826; *Beck, Gray.* ? *Columna*, *Chr. & Jans.* *Buccinum*, sp. *Müller.* *Helix*, sp. *Gmel.* *Bulimus*, sp. *Brug.* *Achena*, sp. *Lam.* *Cochlicopa*, sp. *Férus.* *Cionella*, sp. *Jeffreys.* *Bucc. acicula.*  
*Columna*, sp. *Chr. & Jans.* *Col. miliaris.*
482. *Leptinaria*, *Beck*, 1837. *Cochlicopa*, sp. *Férus.* *Coch. unilamellata.*
483. *Ferussacia*, *Risso*, 1826. *Vidiantius*, *Risso*, 1826, *Jun.* *Cionella*, sp. *Jeffreys, Beck.* *Physa*, sp. *Drap.* *Cochlicopa*, sp. *Férus.* *Achatina*, sp. *Michaud.* *Pupa*, sp. *Costa.* *Helix foliculus.*
484. *Liguus*, *Montf.* 1810. *Cochlitoma*  $\alpha$ , *Férus.* *Chersina*, *Beck*, 1837. *Chersina*, sp. *Humph.* *Bulla*, sp. *Linn.* *Buccinum*, sp. *Müller.* *Bulimus*, sp. *Brug.* *Achatina*, sp. *Lam.* *Bulla virginea.*
485. *Oleacina*, *Bolten*, 1798. *Oleac.* — ?  
*Polyphemus*, *Montf.* 1810. *Glandina*, *Schum.* 1817. *Cochlycopa*, *Swains.* 1840. *Cochlicopa*  $\alpha$ , *Férus.* *Buccinum*, sp. *Müller.* *Bulla*, sp. *Chemn.* *Bulimus*, sp. *Brug.* *Bulla glans.* *Strombus*, sp. *Gmelin.* *Achatina*, sp. *Brod.* *Buccinum*, sp. *Müller.* *Bucc. striatum.*  
*Voluta*, sp. *Walch.* *Polyphemus*, sp. *Chr. & Jans.* *Vol. leucozonias.*  
*Polyphemus*, *Say.* *Glandina*, *Say.* *Cochl. rosea.*
486. *Halia*, *Risso*, 1826; not *Dupont* nor *Macgill.* *Bulla*, sp. *Brocchi.* *Cochlicopa*  $\alpha$ , sp. *Férus.* *Bulla helicoides.*  
*Priamus*, *Beck*, 1837. *Ampulla*, sp. *Bolten.* *Buccinum*, sp. *Chemn.* *Bulla*, sp. *Gmelin.* *Cochlicopa*  $\alpha$ , sp. *Férus.* *Bulimus*, sp. *Brug.* *Helix Priamus.*
487. *Helicteres*, *Férus.* 1819; *Beck*, 1837; not *Linn.* *Achatinella*, sp. *Green.* *Helix vulpina.*  
*Achatinella*, *Swains.* 1828. *Turbo*, sp. *Chemn.* *Monodonta*, sp. *Lamk.* *Achatina*, sp. *Gray.* *Bulimus*, sp. *Menke.* *Helicteres*, sp. *Férus., Beck.* *Turbo lugubris.*

## Fam. III. VERONICELLIDÆ.

488. *Veronicella*, *Blainv.* 1817; *D'Orb.* *Vaginulus*, *Férus.* 1821. *Veronicellus*, *Férus., Menke.* *Onchidium H*, *Blainv.* 1825. *Vaginula*, *Latr., Swains.* *Limax nudus*, *Sloane*, 1725. *Veron. lævis.*  
*Eumele*, *Rafinesque.* *Limax D*, *Blainv.* 1825. *Eum. nebulosus.*



## Fam. IV. ONCHIDIADÆ.

489. Onchidium, *Buchan*, 1800 ; *Lamk.* 1801. Onchidium  $\beta$ , *Blainv.* 1825. Oncidium, *Agass.* Onchidia, *Swains.* O. Typhæ.  
 490. Buchannia, *Lesson*, 1830.  
 491. Peronia, *Blainv.* 1825. Onchidium, *Cuvier*, 1805. Onchis, sp. *Férus.* 1821. Oncis, *Herrm.* Oncus, *Agass.* Onch. Peronii.

## Fam. V. AURICULIDÆ.

492. Auricula, *Lam.* 1799, 1801 ; *Schum.* 1817. Otis, sp. *Humph.* 1797. Marsyas, *Oken*, 1818. Geovula, *Swains.* 1840. Bulimus, sp. *Brug.* Ellobium, *Bolten.* Aur. Midæ.  
 Auriculus, *Montf.* 1810. A. Judæ.  
 493. Melampus, *Montf.* 1810. Melampa, *Schweiger.* Conovule, *Lam.* 1812. Conovulus, *Lamk., Beck.* Conovula, *Latr.* Conovulum, *Sow.* Pedipes c, *Blainv.* Rhodostoma, *Swains.* 1840. Vol. coniformis.  
 Melampus, *Say ; Beck*, 1837, not *Montf.* Conovulus, sp. *Gray.* Mel. lineatus.  
 494. Cassidula, *Férus. ; Beck*, 1837. Sidula, *Gray*, 1840. Limax, sp. *Martyn.* V. auris felis.  
 Lirator, *Beck*, 1837. L. multisulcatus.  
 Tralia, *Gray*, 1840. Auricula, sp. *Férus.* Pythia, sp. *Beck.* Melampa, *Schweiger.* V. pusilla.  
 Melampus, *Lowe*, not *Montf.* Mel. æqualis.  
 Detracia, *Gray*, 1840. Tornatella, sp. *Férus.* Vol. bullæoides.  
 495. Pedipes, *Adans.* 1757 ; *Blainv.* 1825. Polydonta, sp. *Fischer.* Bulimus, sp. *Brug.* Tornatella, sp. *Lamk.* P. afra.  
 496. Marinula, *King*, 1835. Rhodostoma, sp. *Swains.* 1840. Pythia, sp. *Beck.* M. pepita.  
 497. Ophicardelus, *Beck*, 1837. Aur. australis.  
 498. Alexia, *Leach MSS.* 1819. Ovatella, *Gray*, 1840 ; not *Bivon.* Acteon, sp. *Flem.* Auricula, sp. *Lamk.* Pythia, *Gray*, 1821 ; *Beck*, not *Schum.* Jaminia, *Brown*, not *Risso.* Vol. denticulata.  
 Carychium, sp. *Michel.* Aur. personata.  
 499. Leuconia, *Gray*, 1840. Volvaria, sp. *Flem.* Voluta alba.  
 Jaminea, *Leach MSS.* Vol. bidentata.  
 Ovatilla, sp. *Bivon*, 1832. Ovat. bidentata.  
 500. Scarabus, *Montf.* 1810. Phytia, *Schum.* 1817. Polydonta, *Fischer, Beck.* Sc. imbrium.  
 Melanopsis, *Bosc.* Strigula, *Perry*, 1811.  
 501. Carychium, *Müller*, 1774. Bulimus, sp. *Brug.* Odostomia, sp. *Flem.* Auricula, sp. *Drap.* Auricella, *Jurine, Hartm.* 1821. Car. minimum.

502. *Acmea*, *Hartm.* 1821. *Acme*, *Hartm.* 1821. *Carychium*, sp. *Flem.* *Cyclostoma*, sp. *Férus.* *Bulimus*, sp. *Turton.* *Turbo*, sp. *Montag.* *Auricula*, sp. *Drap.* *Acicula*, *Hartm.* *Carychium*, *Studer.* *Turbo fuscus.*

## Fam. VI. LIMNÆADÆ.

## LIMNÆINA.

503. *Lymnæa*, *Lam.* 1801. *Limnea*, *Flem.* *Limneus*, *Drap.* *Limnæus*, *Oken*, *Rossm.* *Lymnus*, *Montf.* 1810. *Lymnæa*, *Blainv.* *Limnea*, *Swains.* 1840. *Lymnia*, *Swains.* 1837. *Lymnophysa*, *Fitz.* *Lymnula*, *Rafn.* *Bulimus*, sp. *Scopoli*, 1771. *Vesica*, sp. *Humph.* 1797. *Buccinum*, sp. *Müller.* *Helix*, sp. *Linn.* *Bulimus*, sp. *Brug.* *Helix stagnalis.*  
*Leptolimnea*, *Swains.* 1840. *L. elongata.*  
*Radix*, *Montf.* 1810. *Lymnæa*  $\beta$ , *Schum.* *Gulnaria*, *Leach MSS.* 1819; *Beck*, 1837. *H. auricularia.*  
 ? *Espiphylla*, *Rafn.* 1819.  
 ? *Clymenis*, *Rafn.* 1819.  
 ? *Leptoxis*, *Rafn.* 1819.  
 ? *Lomastoma*, *Rafn.* 1819.  
 ? *Eutrema*, *Rafn.* 1819.  
*Omphiscola*, *Rafn.*, *Beck.* *Stagnicola*, sp. *Leach.* *Bulimus*, sp. *Poiret.* *Bucc. glabrum.*  
*Limnophysa*, *Fitz.*, *Beck.* *Galba*, *Schrank.* *Lymnea*, sp. *Lam.* *Stagnicola*, sp. *Leach.* *Bucc. palustre.*
504. *Chilina*, *Gray*, *D'Orb.* *Limnea*, sp. *D'Orb.* *Dombeya*, *D'Orb.* *Conovula*, sp. *Lam.* *Auricula*, sp. *Férus.* *Otis*, sp. *Humph.* *Bulimus*, sp. *Brug.* *Bul. Dombeyanus.*
505. *Amphipeplea*, *Nilsson*, 1822. *Myxas*, *Leach MSS.* 1819. *Buccinum*, sp. *Müller.* *Limneus*, sp. *Drap.* "Mixas," *Say.* *Lutea*, *Brown*, 1827. *Bulimus*, sp. *Brug.* *Hel. glutinosa.*
506. *Bulinus*, *Adans.* 1757. *Bullinus*, *Oken*, 1815. *Bul. — ?*  
*Physa*, *Drap.*; *Lam.* 1812. *Planorbis*, sp. *Müller.* *Bulimus*, sp. *Brug.* *Physa*, *Risso*, 1826. *Anisus*, *Studer.* *Rivicola*, *Fitz.* *Bulla fontinalis.*
507. *Aplexa*, *Flem.* 1824; *Beck.* *Nauta*, *Leach MSS.* 1819. *Myxas*, "Leach," *Guild.* *Physa*, *Fitz.* *Limnea*, sp. *Sow.* *Bulla hypnorum.*  
*Diastrophia*, *Guild.*, *Gray.* *Ph. Guildingii.*  
*Isidora*, *Ehrenb.* 1831; *Beck.* *Ph. truncata.*  
*Camptoceras*, *Benson*, 1834. *C. terebra.*

## CORETINA.

508. *Coretus*, *Adans.* 1757. *Planorbis*, sp. *Guettard?*, *Müller.* *Planorbis*, *Geoff.*, *Montf.*; not *Lam.* 1801. *Vortex*, sp. *Humph.* 1797. *Helix cornea.*  
*Anisus*, *Fitz.*, *Studer.* *Spirorbis*, *Swains.* 1840. *H. spirorbis.*



- Helisoma*, *Swains.* 1840. *H. complanata*.  
*Nautilus*, sp. *Linn.* *Turbo*, sp. *Linn.* *Turbo nautilus*.  
*Anisus*, *Beck.* *Pl. olivaceus*.  
*Polygyrus*, *Beck*, 1837. *Helix contortus*.  
*Dentatus*, *Beck*, 1837. *Plan. armatus*.  
 509. *Segmentina*, *Flem.* 1824. *Hemithalamus*, *Leach MSS.* 1819.  
*Segmentaria*, *Swains.* 1840. *Nautilus*, sp. *Lightf.* *Planorbis*,  
 sp. *Müller.* *Naut. lacustris*.  
*Discus*, *Haldemann*, 1840; not *Fitz.* 1833, nor *King*, 1844.  
*D.* — ?

## ANCYLINA.

510. *Ancylus*, *Geoff.* 1767; *Müller*, 1774. *Bullinus*, sp. *Oken*, 1815.  
*Ansulus*, *Herrm.* 1846. *Patella*, sp. *Linn.* *Pat. fluviatilis*.  
*Calyptra*, sp. *Klein.* *Crepidula*, sp. *Flem.* *Acroloxus*, *Beck*, 1837.  
*Velletia*, *Gray*, 1840. *Ancylus*, sp. *Müller*, 1774. *Pat. oblonga*.  
*Ancylus*, *Guild.* 1828. *Ancy.* — ?

## Fam. VII. AMPHIBOLIDÆ.

511. *Amphibola*, *Schum.* 1817. *Ampullacera*, *Quoy & Gaim.* 1832.  
*Thalicera*, "Quoy," *Swains.* 1840. *Ampullarina*, *Sow.*, not  
*Blainv.* *Amph. australis*.  
*Paludina*, sp. *Sow.* *Pal. australis*.

## Fam. VIII. SIPHONARIADÆ.

512. *Siphonaria*, *Sow.*, *Blainv.* 1825. *Lepas* (Mouret), *Adans.* 1757.  
*Mouretia* (*Gray*), *Sow.* 1835. *Muretia*, "Sow.," *D'Orb.* *Pa-*  
*tella* (juniore), *Rang.* *Liria*, *Gray MSS.* 1824. *Siph. siph.*

## Fam. IX. GADINIADÆ.

513. *Gadinia*, *Gray*, 1824. *Lepas gadin*, *Adans.* 1757. *Gad. afra*.  
*Mouretia*, *Sow.* 1835. *Mour. peruviana*.  
*Pileopsis*, sp. *Payr.* 1836. *Clypeus*, *Scacchi*, 1836; not *Brod.*  
*Patella*, sp. *Philippi.* *Acmaea*, sp.? *Philippi.* *Pat. Garnoti*.

## Fam. X. CYCLOPHORIDÆ.

514. *Cyclostomus*, *Montf.* 1810. *Cyclostome*, *Lam.* 1812 (not 1801),  
 not *Schum.* 1817. *Cyclostoma*, sp. *Drap.* *Turbo elegans*.  
 515. *Licina*, *Browne*, 1756. *Cyclostoma*, sp. *Lam. E.M.* *Cyclostoma*,  
*Swains.* 1840, not *Lam.* 1801. *Nerita*, sp. *Müller.* *Annularia*  $\beta$ ,  
*Schum.* 1817. *Turbo labea*.  
*Cistula*, *Humph.* 1797. *Cist. fimbriata*.  
 516. *Poteria*, *Gray*, 1840.  
 517. *Leonia*, *Gray*, 1840.

518. ? *Lituus*, *Martyn*, 1784; *Humph.* 1797; not *Breyer*. 1732. *L. brevis*.
519. *Cyclophorus*, *Montf.* 1810. *Cyclophora*, *Swains.* 1840. *Annularia*  $\alpha$ , *Schum.* 1817.
520. *Cyclotus*, *Guild.*, *Swains.* 1840. *Cycl. planorbutus*.
521. *Myxostoma*, *Troschel*, 1847. *Cyc. Petiverianus*.
522. *Pterocyclos*, *Benson*, 1835. *Spiraculum*, *Pearson*, 1835. *Pt. bilabiatus*.
523. *Farcimen*, *Troschel*, 1847. *Cycl. Torta*.
524. *Megalomastoma*, *Guild.*, *Swains.* 1840. *Cyclos. flavulum*.
525. *Realia*, *Gray*, 1840. *R.* —? n. s.
526. *Callia*, *Gray*, 1840; 1844, 72. *C.* —? n. s.
527. *Pupina*, *Vignard*, 1829?; *Gray*, 1844. *Pupina Keraudrenii*.  
*Moulinia*, *Grateloup*, 1840. *Pupina*, sp. *G. Sow.* 1841. *M. Nunczii*.
528. *Registoma*, *Hasselt*, 1824. *Reg. vitreum*.
529. *Pomatias*, *Hartm.* 1821. *Cyclostoma*, sp. *Lam.* *Cy. patula*.
530. ? *Ferussina*, *Grateloup*, 1826. *Ferussacia*, *Lefroy*, 1828; not *Risso*, 1826. *Strophostoma*, *Desh.* 1827. *Anastoma*, sp. —? *F. anastomæformis*.

## Fam. XI. OLIGYRADÆ.

531. *Oligyra*, *Say*, 183 ? *Helicina*  $\beta$ , *Blainv.* 1825. *O. orbiculata*.  
*Helicina*, *Lam.* 1822 (not 1801); not *Montf.* *Hel. neritella*.  
*Pachystoma*, *Swains.* 1840. *P. occidentalis*.  
*Trochatella*, *Swains.* 1840. *H. pulchella*.  
*Ampullina*, *Blainv.* 1825. *A. striata*.  
*Oligyra*, *Swains.* 1840. *H. rhodostoma*.
532. *Lucidella*, *Swains.* 1840. *H. aureola*.  
*Helix*, sp. *Férus*. *Helicina*, sp. *Gray*.
533. *Alcacia*, *Gray*, 1840. *Helicina*, *Swains.* 1840. *H. major*.

## Fam. XII. PROSERPINIDÆ.

534. *Proserpina*, *Gray*, 1840 (*Procerpena misprint*). *Odontostoma*,  
*D'Orb.* 1842. *P. linguifera*.

## Class II. CONCHIFERA.

## Order I. PHYLLOPODA.

## Fam. I. VENERIDÆ.

## MERETRICINA.

535. *Dosinia*, *Scopoli*, 1771. *Chama* (*Dosin*), *Adans.* *Venus* — ?  
*Arthemis* and *Arthemiderma*, *Poli*, 1791 (*Artemis*, *Gray*, *Forbes*).  
*Orbiculus b*, *Megerle*, 1811. *Exoleta*, *Brown*, 1827. *Asa*, *Leach*,  
 1819. *Venus β*, *Schum.* 1817. *Circumpholos*, *Klein.* *Venus*  
*exoleta*.  
*Arctoë*, *Risso*, 1826. *Arct. nitidissima*.  
*Lucina*, sp. *Lam.* 1818. *Cytherea*, sp. *Macgill.* *Artemis*, sp.  
*Reclus.* *Mysia*, sp. *King.* *V. undata*.
536. *Meretrix*, *Lam.* 1801. *Cytherea*, *Lam.* 1818; *Schum.* 1817;  
*Gray*, 1838. *Cytheree*, *Lam.* 1812. *Callista*, sp. *Poli.* *Venus*  
*Meretrix*.
537. *Cuneus*, *Megerle*, 1811; not *Dacosta.* *Meroë*, *Schum.* 1817;  
*Gray*, 1838. *Venus Meroë*.
538. *Grateloupia*, *Desmoul.* 1828; *Gray*, 1838. *Gratelupia*, *Pol. &*  
*Mich.* *Donax irregularis*.
539. *Trigona*, *Megerle*, 1811; *Schum.* 1817; *Gray*, 1838. *Venus*  
*mactroides*.  
*Trigona*, *Megerle*, 1811. *Venus donacina*.
540. *Dione.* *Venus*, *Megerle*, 1811; *Schum.* 1817. *Cytherea*, sp.  
*Lam.* 1818. *Chione*, sp. *Gray*, 1838; not *Megerle.* *Venus*  
*Dione*.  
*Chione*, *Gray*, 1838. *Callista* and *Callistoderma*, sp. *Poli*, 1795.  
*Cytherea*, sp. *Swains.* 1840. *Venus Chione*.
541. *Circe*, *Schum.* 1817. *Cytherea*, sp. *Lamk.* *Venus scripta*.
542. *Venus*, *Linn.*; *Lam.* 1801. *Dosina*, *Gray*, 1838. *Clausina*, sp.  
*Brown*, 1827; not *Jeffreys.* *Callista* and *Callistoderma*, sp.  
*Poli*, 1795. *Venus verrucosa*.  
*Venus*, sp. *Swains.* 1840, 372. *V. puerpera*.

## VENUSINA.

543. *Mercenaria*, *Schum.* 1817. *Venus*, sp. *Lam.* *Venus Mercenaria*.
544. *Anomalocardia*, *Schum.* 1817. *Venus m* (*Triquetra*), *Blainv.*  
 1825. *Venus flexuosa*.
545. *Cyprina*, *Lam.* 1818. *Cyprine*, *Lam.* 1812. *Arctica*, *Schum.*  
 1817. *Venus Islandica*.
546. *Chione*, *Megerle*, 1811; not *Gray*, 1838. *Venus*, sp. *Linn. &*  
*Lam.* *Venus Dysera*.

- Cbione, *Megerle*, 1811. Callista and Callistoderma, sp. *Poli*.  
 Ortygia, *Brown*, 1827. Venus gallina.  
 Timoclea, *Leach MSS.* 1819; *Brown*, 1827. Venus ovata.  
 Antigone *Schum.* 1817. Venus cancellata.
547. Tapes, *Megerle*, 1811. Callista and Callistoderma, sp. *Poli*, 1795.  
 Venus litteratus.  
 Pullastra, sp. *Sow.* Tapes, sp. *Schum.* 1817. Capsa, sp. *Leach*,  
 1817; not *Lam.* V. Pullastra.
548. Rupellaria, *Beller.* 1802. Rupellare, *Lam.* 1812. Venerupis,  
*Lam.* 1818; *Turton*, 1822. Venus  $\beta$ . (Ruperelle), *Blainv.* 1825.  
 Venus perforans.  
 Irus, *Oken*, 1815. Capsa, sp. *Leach*, 1819. Petricola, sp. *Turton*,  
 1822; *D'Orb.* Venerupes, *Swains.* 1840. Donax Irus.  
 Venus, sp. *Olivi.* Venus Lithophagus.  
 ? Petricola, *Lam.* 1810. Petr. sulcata.
549. Clementia, *Gray*, 1840. Venus papyracea, *Gray in Wood Supp.*  
 f. 8.
- 549\*. Glauconome, *Gray*, 1829. G. chinensis.
550. Capsa, *Lam.* 1801 (not 1818). Capsula, *Schum.* 1817. Sanguinolaria,  
 sp. *Lam.* 1818. Solen  $\beta$ , *Megerle*, 1811. Psammobia,  
 sp. *Turton*, 1822; *Sow.* Venus deflorata.
551. Petricola, *Lam.* 1801; sp. 1818. Venus, sp. *Retzius.* Venus  
 Lithophagus.  
 Petricola, sp. *Lam.* 1801 & 1818. Pet. striata.  
 Gastrana  $\alpha$ , *Schum.* 1817. Tellina guineaica.  
 Gastrana  $\beta$ , *Schum.* 1817. Corbula, sp. *Brug.* Venus monstrosa.  
 Psammobia, sp. *Lam.* 1818. Tellina fragilis.  
 ? Choristodon, *Jonas.* Ch. typicum.  
 —? Mysia, sp. *Leach.*

## Fam. II. CORBICULADÆ.

552. Corbicula, *Megerle*, 1811. Cyclas, sp. *Lam.* 1801. Cyrena  $\alpha$ ,  
 sp. *Lam.* 1818; from *Chemn.* vi. f. 320. Corb. fluminalis.  
 Cyclas, *Schum.* 1817. ? Cyrena  $\alpha$ , sp. *Lam.* Cyc. lævigata.  
 Cyprina, sp. *Lesson*, 1830; not *Lam.* Cyrena  $\alpha$ , sp. *Lam.* 1818.  
 Cyrena violacea.
553. Cyrena  $\beta$ , *Lam.* 1818. Geloina, *Gray*, 1844, 75. Cyr. zey-  
 lanica.  
 Cyrena, *Sow.* Cyr. sumatrensis.  
 Cyclas, *Bosc.* Cyc. carolinensis.
554. Velorita, *Gray*, 1844, 75. Cyrena, sp. *Gray.* Cyr. cyprinoides.
555. Sphaerium, *Scopoli*, 1777. Nux, *Humph.* 1797. Cyclas, sp.  
*Lam.* 1801. Cyclas, *Lam.* 1818. Cornea, *Megerle*, 1811.  
 Tellina cornea.
556. Pisum, *Megerle*, 1811; not *Linn.* Pisidium, *Pfeiffer.* Pera,

*Leach MSS.* 1819; *Gray*. Euglesia, *Leach MSS.* 1820. *Cardium*, sp. *Poli*. *Tellina amnica*.  
Galileja, *Costa*, 1846. *Cyclas fontinalis*.

## Fam. III. CARDIADÆ.

557. *Cardium*, *Linn.*; *Lam.* 1801; *Megerle*, 1811; *Swains.* 1840.  
*Cerastes* and *Cerastodermi*, sp. *Poli*. *Pectunculus*, *Adans.* *Card.*  
*costatum*.  
*Lævicardium*, *Swains.* 1840. *C. lævigatum*.  
*Lævicardium*, sp. *Swains.* 1840. *C. Æolicum*.  
*Hemicardium*, *Swains.* 1840. *C. unedo*.
558. *Cardissa*, *Megerle*, 1811. *Hemicardium*, *Cuvier*, 1817. *Hemi-*  
*cardia*, *Klein*, 1753. "Fragrum and Corculum," *Bolten*, 1778.  
*Isocardia*, *Oken*, 1817. *Card.* *Cardissa*.
559. *Aphrodite*, *Lea*; 183 ? not *Linn.* *Serripes*, *Beck MSS.* *Acardo*,  
*Swains.* 1840; not *Brug.* nor *Lamk.* *Maetra*, sp. *Don.* *Cardi-*  
*dium edentulum*.  
*Corbula*, sp. *Eichwald*, 1838. *Corb. caspia*.  
*Cardium*, sp. *Eichw.* 1838. *Card. protractum*.  
*Glycimeris*, *Eichw.* 1838. *Gly. læviuscula*.  
*Hypnaxis*, *Pander*, 1830. *Monodacna* and *Adaena*, *Eichw.* 1838.  
*M.* — ?
560. *Papyridea*, *Swains.* 1840. *Card.* *Soleniforme*.  
*Papyridea*, sp. *Swains.* *Card.* *ringens*.
561. ? *Cardium*, sp. *Lam.* *Hippopus*, sp. *Sow.* *Pleurorhynchus*, sp.  
*Swains.* 1840. *Card.* *avicularia*.

## Fam. IV. MACTRADÆ.

562. *Maetra*, *Linn.*; *Lam.* 1801; *Gray*, 1837. *Callista* and *Callisto-*  
*derma*, sp. *Poli*, 1791. *Trigonella*, sp. *Dacosta*, 1778; not *Dec.*  
*Mact. stultorum*.
563. *Schizodesma*, *Gray*, 1837. *Maetra*  $\alpha$ , *Schum.* 1817. *M.* *Spen-*  
*gleri*.
564. *Spisula*, *Gray*, 1837. *Maetra*, sp. *Lam.* *Trigonella*, sp. *Dacosta*,  
1778. *M. solida*.  
*Hemimaetra*, *Swains.* 1840. *M. gigantea*.
565. *Cypricia*, *Gray*, 1837. *Anatina*, *Schum.* 1817; not *Lam.* *Mac-*  
*tra*, sp. *Spengler*. *Labiosa*, *Schmidt MSS.*; *Moller*, 1832. *Lut-*  
*traria*, sp. *Lam.*, *Sow.* *Listera*, sp. *Menke*, 1830. *M. anatina*.
566. *Lutraria*, *Lam.* 1799, 1801; *Schum.* 1817; *Gray*, 1837. *Lutri-*  
*cola*, *Blainv.* 1825. *Cultellus*, *Sow.*; not *Schum.* *Mya oblonga*.  
*Lutraria*, *Megerle*, 1811. *Mact.* *Lutraria*.  
*Lutraria*, sp. *Lam.* *Mact.* *rugosa*.
567. *Cryptodon*, *Conrad*, 1837; not *Turton*, 1822. *Lutraria*, sp.  
*Conrad.* *C. Nuttallii*.

568. *Mulinia*, *Gray*, 1837 (*Moulinea*, *Philippi*). *M. lateralis*.  
 569. *Gnathodon*, *Gray*, 1837; *Rang.* *Clathrodon*, *Sow.* *Clathrodon*,  
*Conrad.* *Rangia*, *Desmoul.* 18 ? *Gn. cuneatus*.  
 570. *Anatinella*, *Sow.*; *Desh.* 1835. *A. Sibbaldii*.  
 571. ? *Maetrula*, *Risso*, 1826. *M. Trinitea*.

## Fam. V. PAPHIADÆ.

572. *Paphia*, *Lam.* 1801. *Crassatella*, sp. *Lam.* 1818. *Erycina*, sp.  
*Sow.* *Mesodesma*, sp. *Desh.* 1835. *Eryx*, *Swains.* 1840; not  
*Daud.* *Paphia glabrata*.  
*Mesodesma*, sp. *Desh.* 1835. *Mya novæ zelandiæ*.  
*Donacilla*, sp. *D'Orb.* *Erycina*, sp. *Brod.* 1832. *E. solenoides*.  
*Donacilla*, *Lam.* 1818. *Donacille*, *Lam.* 1812. *Donacina*, *Blainv.*  
*Amphidesma*, sp. *Lam.* 1818. *Mactra*, sp. *Poli.* *Mesodesma*,  
sp. *Desh.* 1830. *Erycina*, sp. *Sow.* *Peronæa* and *Peroneoderma*,  
sp. *Poli.* 1791. *Mactra cornea*.  
*Erycina*, sp. *Reclus*, 1844. *Eryc. Deshayii*.  
 573. *Anapa*, *Gray*, 1844. *Erycina*, sp. *Reclus*, *D'Orb.* *E. Petitiana*.  
 574. ? *Ervillia*, *Turton*, 1822. *Ervillia*, sp. *Reclus*, 1846. *E. nitens*.

## Fam. VI. TELLINIDÆ.

575. *Psammobia*, *Lam.* 1818; *Sow.* *Tellina*, sp. *Linn.* *Gari α*,  
*Schum.* 1817. *Solen*, *Megerle*, 1811. *Peronæa* and *Peroneo-*  
*derma*, sp. *Poli.* *Tellina Gari*.  
*Azor*, *Leach MSS.* 1819. *Solen vespertinus*.  
*Psammotea*, *Lam.* 1818. *Psam. zonalis*.  
 576. *Gari β*, *Schum.* 1817, 182. *Tellina*, sp. *Spengler & Lamk.* *Sau-*  
*guinolaria*, sp. *Desh.* *Tellina papyracea*.  
 ? *Scrobicularia β*, *Schum.* 1817. *Tel. angulata*.  
 577. *Tellina*, *Linn.*; *Lam.* 1801. *Peronæa*, sp. *Poli.* *Tel. radiata*.  
*Angulus*, *Megerle*, 1811. *Psammotea*, *Lam.* 1818. *Tel. lanceolata*.  
*Macroma*, *Leach*, 1819. *M. tenera*.  
*Psammotea*, *Turton*, 1822. *Tel. solidula*.  
*Tellinides*, *Lam.* 1818. *Tel. timorensis*.  
*Tellinides*, *Sow.* *Tel. roseus*.  
*Omala*, *Schum.* 1817. *T. planata*.  
*Phylloda*, *Schum.* 1817. *T. foliacea*.  
 578. *Arcopagia*, *Leach*, 1816; *Brown*, 1827. *Tel. crassa*.  
*Tellina β*, *Megerle*, 1811. *Tel. scrobinata*.  
*Solecurtus*, sp. *Gray.* *Psammobia*, sp. *Philippi.* *Arcopagia*, sp.  
*D'Orb.* *S. solida*.  
 579. *Strigilla*, sp. *Turton*, 1822. *Lucina*, sp. *Lamk.* *Tellina carnaria*.  
 580. *Semele*, *Schum.* 1817. *Amphidesma*, sp. *Gray*, *Sow.* *Tel. re-*  
*ticulata*.



- Amphidesma, sp. *Lam.* 1818. Tellina, sp. *Brug.* Amph. variegata.  
 Cumingia, *Sow.* 1833. Lavignon, sp. *D'Orb.* C. lamellosa.
581. Arenaria, *Megerle*, 1811; not *Linn.* Scrobicularia  $\alpha$ , *Schum.* 1817. Ligula  $\beta$ , sp. *Montag.* 1808. Abra, sp. *Leach MSS.* 1819. Lavignon, *Cuvier*, 1817. Lavignonus, *Férus.* 1821. Listera, *Turton*, 1822; *Menke*; not *R. Brown.* Lutricola, *Blainv.* Lutraria, *Swains.* 1840. Amphidesma, sp. *Sow.* Lutraria, sp. *Lam.* 1818. Trigonella, *Lovèn*, 1846. Trigonella, sp. *Dacosta*, 1778. Chama calcinella, *Adans.* Mya compressa.
582. Abra, *Leach MSS.* 1817 (fide *Lam.* 1818). Syndosmya, *Recluz*, 1846; *Lovèn.* Amphidesma, sp. *Lam.* Ligula  $\beta$ , *Montag.* 1808; not *Menke*, 1830. Mactra tennis.  
 Abra, *Risso*, 1826. A. fragilis.  
 Erycina, *Lam.* 1818?; *Philippi*, 1846. Amphidesma, sp. *Lam.*; *Turton*, 1822. Mactra Boysii.  
 Tellina, sp. *Poli.* T. rubiginosa.
583. Donax, *Linn.*; *Lam.* 1801. Tellina, *Adans.* 1757. Peronæa, sp. *Poli.* Donax rugosa.  
 Donax, sp. *Scopoli*, 1777. Don. —?   
 Capisteria, *Gevers*, 1787. Don. —?   
 Hecuba, *Schum.* 1817. Donax, *Swains.* Donax, sp. *Lam.* Don. scrotum.  
 Chion, *Scopoli*, 1777. Don. denticulata.  
 Latona, *Schum.* 1817. Don. cuneata.  
 Capsa, sp. *Sow.* D. complanata.  
 Potamomya, *J. Sow.*; *D'Orb. A. M.*; not *Hinds.*
584. Iphigenia, *Schum.* 1817; not *Gray*, 1821. Capsa, *Lam.* 1818; not 1801. Donacina, *Férus.*; not *Blainv.* Donax, sp. *Gmel.*, *D'Orb.* Don. lævigata.  
 ? Capsa, *Turton*, 1822. Don. castanea.
585. Galathea, *Brug.* 1798; *Lam.* 1812; not *Fab.* Egeria, *Roissy*, 1805; not *Lea*, 1833, nor *Leach*, 1815. Potamophila, *Sow.*; not . Megadesma, *Bowdich*, 18 ?; *Swains.* 1840. Galateola, *Flem.* 1828. Pectunculus, sp. *Humph.* 1797. Tellina, sp. *Dillw.* Venus, sp. *Born.* Venus reclusa.

## Order II. CLADOPODA.

### Fam. I. PHOLADIDÆ.

#### PHOLADINA.

586. Pholas, *Linn.*; *Lam.* 1801. Ph. costatus.  
 Barnia, *Leach MSS.* 1819. Barnea, *Risso*, 1826. Ph. candida.  
 Pholas, *Adans.* 1757. Ph. Tulan.  
 Pholas, sp. *Montag.* Ph. parva.
587. Dactylina. Pholas, sp. *Linn.*; *Lam.* 1818. Hypogæa and Hypogeoderma, *Poli*, 1791. Ph. Dactylus.  
 Thovana, *Leach MSS.* 1818. Ph. oblongata.



588. Zirfæa, *Leach*, 1817. *Ph. crispata*.
589. Pholadidea, *Turton*, 1819. Pholadidoidea, "*Goodall*"; *Blainv.* 1825. Pholidæa, "*Leach*"; *Swains.* 1840. Pholas, sp. *Turton.* Phol. papyracea.
590. Talona, *Gray*, 1840. *Teredo clausa*.
591. Xylophaga, *Turton*, 1822. Pholas, sp. *Desh.* 1835. *Xyl. dorsalis*.
592. Jouannetia, *Desmoulin*, 1828. Pholas, sp. *Desh.* 1835. *Jouan. semicaudata*.
593. Martesia, "*Leach*, 1818"; *Blainv.* 1825; *Menke*, 1830. *Mactesia*, *Mactresia*, *Gray*, *Agassiz (misprint)*. Pholas, *Megerle*, 1811. Pholas D, *Blainv.* *Ph. striatus*.  
*Martesia*, sp. *Leach.* *Mytilus*, sp. *Spengler.* *Myt. lithophagus*.
594. Teredina, *Lam.* 1818. *Fistulana*, *Lam.* *Teredo*, sp. *Sow.* *Tered. personata*.

## TEREDINA.

595. Cuphus, *Guetard*, 1772. Kuphus, *Gray*, 1840. Kyphus, *Agassiz.* Furcella, *Oken*, 1815. Septaria, *Lam.* 1816. Clausaria, *Menke*, 1828. Clossonaria, *Férus.* *Teredo*, sp. *Pallas, Home.* *Solen arenaria*, *Humph.* *Serpula*, sp. *Linn.* *Serpula polythalamia*.
596. Guetera, *Gray*, *Syn.* 1840. *Fistulana*, sp. *Lam.* 1818. *Fist. corniformis*.  
*Teredo*, *Megerle*, 1811. *Teredo*, sp. *Spengler.* *Fistulana*, sp. *Lam.* 1818. *Teredo clava*.
597. Xylotrya, *Leach MSS.* 1817; *Menke*, 1830. *Bankia*, *Gray*, 1840. *Teredo a*, *Schum.* 1817. *Teredo*, sp. *Lam.* 1801; *Turton.* *Teredo β*, *Blainv.* *Teredo bipalmulata*, *Lam.*
598. *Teredo*, *Linn.*; *Lam.* 1801. *Teredo a*, *Blainv.* *Tered. norvegica*.  
*Malleolus.* *Tered. Malleolus*.

## Fam. II. GASTROCHÆNIDÆ.

599. *Penicillus*, *Brug.* 1789; *Lam.* 1801. *Aspergillum*, *Lam.* 1818. *Adaspergillum*, *Menke*, 1830. *Arrosoir*, *Lam.* 1812. *Clepsydra*, *Schum.* 1817. *Aquaria*, *Perry*, 1811. *Arytæna*, *Oken*, 1815. *Solen Phalloides*, *Klein.* *Serpula*, sp. *Dillw.* *Serpula Aquaria*.
600. *Foegia*, *Gray*, 1840. *Aspergillum*, sp. *Lam.* 1818. *Aspergillum novæ zelandiæ*.
601. *Bryopa*, *Gray*, 1840. *Clavagella*, sp. *Sow. & Brod.; Philippi.* *Clav. aperta*.
602. *Clavagella*, *Lam.* 1818; *Blainv.* *Clavagelle*, *Lam.* 1812. *Fistulana*, sp. *Lam.* *Glycimeris*, sp. *Lam.* (valve only). *Clav. echinata*.

603. *Chæna*  $\alpha$ , *Retz.* 1788; *Schum.* 1817. *Fistulana*, *Lam.* 1801; *Megerle*, 1811. *Gastrochæna*  $\beta$ , *Blainv.* 1825. *Ch. mumia*.
604. *Gastrochæna*, *Spengler*, 1780. *Gastrochæna*, *Swains.* 1840. *Chæna*  $\beta$ , *Retz.* 1788; *Schum.* 1817. *Fistulana*, *Brug.* 1792; *Lam.* 1801. *Roxellana*, *Bellev.* *Trapezium*, *Megerle*, 1811. *Fistulana*, sp. *Blainv.* *Pholas*, sp. *Chemn.* ? *Quoyic*, *Desh.* (*E. M.* ii. 247), 1830. *Mya dubia*.

## Fam. III. SOLENIDÆ.

605. *Solen*, *Linn.*; *Lamk.* 1801; *Schum.* 1817. *Vagina*, *Megerle*, 1811; *Desmoul.* 1832. *Solen*  $\beta$ . *vagina*, *Blainv.* *Hypogæa*, sp. *Poli.* *Sol. vagina*.
606. *Ensis*, *Schum.* 1817. *Ensatella*, *Swains.* 1840. *Hypogæa*, sp. *Poli.* *Sol. Ensis*.
607. *Pharus*, *Leach*, 1817. *Solecurtus*  $c$ , *Blainv.* *Solecurtoides*, *Desmoul.* *Psammobia*, sp. *Turton*, 1822. *Hypogæa*, sp. *Poli.* *Sol. legumen*.
608. *Macha*, *Oken*, 1815. *Solecurtus*, *Desh.* *Solecurtus*  $\beta$ , *Blainv.* 1825. *Chama golar*, *Adans.* *Hypogæa* and *Hypogæoderma*, sp. *Poli.* *Psammobia*, sp. *Turton.* *Solen strigillatus*.  
*Solen*  $\alpha$ , *Blainv.* *Sol. cultellus*.  
*Psammobia*, sp. *Turton*, 1822. *Psam. scopulosa*.
609. *Azor*, *Leach MSS.* 1819. *Psammobia*, sp. *Turton.* *Solen antiquatus*.
610. *Sanguinolaria*, *Lam.* 1801; *Sow.* *Lobaria*, *Schum.* 1817; not *Müller.* *Aulus*, *Oken*, 1817. *Soletellina*, *Desm.* 1832. *Psammobia*, sp. *Desh.* *Tellina* and *Solen*, sp. *Gmelin.* *Tellina rosea*.  
*Sanguinolaria*, sp. *Lam.* 1818. *Sol. occidentis*.  
*Psammobia*, sp. *Lam.* 1818. *Psam. violacea*.  
*Psamnotea*, sp. *Lam.* 1818. *Psammobia*, sp. *Sow.* *Psam. serotina*.
611. *Tagelus*. *Siliquaria*, *Schum.* 1817; not *Brug.* 1789, nor *Lam.* 1801. *Solen* (*tagel*), *Adans.* 1757. *Solecurtus*, sp. *D'Orb.* *Sol. guinensis*.  
*Novaculina*, *Benson*, 1830. *Solecurtus*, sp. *D'Orb.* *N. gangeticus*.
612. *Siliqua*, *Megerle*, 1811. *Leguminaria*, *Schum.* 1817. *Solecurtus*, *Blainv.*; not *Desh.* *Solecurtoides*, sp. *Desmoul.* *Solenocurtis*, *Swains.* 1840. *Machæra*, *Gould.* *Solen*, sp. *Gmelin*, *Say.* *Solen radiatus*.
613. *Cultellus*, *Schum.* 1817; *Desmoul.* 1832. *Solen lacteus*.
614. *Soletellina*, *Blainv.* 1825; *Desmoul.* 1832. *Sanguinolaria*, sp. *Sow.* *Psammobia*, sp. *Desh.* *Solen*, sp. *Chemn.*; *Lam.* 1818. *Solen Diphos*.
615. *Glycimeris*, *Lam.* 1799; not 1801 nor 1812. *Panopea*, *Menard*,

- 1807; *Lam.* 1812. Ponopia, *Swains.* 1840. Chama Glycimeris, *Aldrov.* Mya Glycimeris.  
 Glycimeris, *Lam.* 1812. Gl. arctica.  
 Pholadomya, sp. *Conrad.* Ph. abrupta.  
 616. Cyrtodaria, *Daud.* 1799; *Oken,* 1815. Glycimeris, *Lam.* 1801 & 1812; not 1799, nor *Schum.* 1817. Mya Siliqua.

## Fam. IV. NUCULIDÆ.

617. Nucula, *Lam.* 1801. Polydonta, *Megerle,* 1811. Glycimeris, sp. *DaCosta.* Tellina and Donax, sp. *Gmelin.* Arca, sp. *Linn.* Arca Nucleus.  
 618. Nuculina, *D'Orb.* 1845. Nucula, sp. *Desh.* Nuc. miliaris.  
 619. Leda, *Schum.* 1817; *Lovèn,* 1846. Lembulus, *Leach MSS.* 1819. Nucula, sp. *Lam.* Arca pella.  
 Lembulus, sp. *Risso,* 1826. L. Roissianus.  
 620. Yoldia, *Moller,* 184 ? Moldia, *Gray* (misprint), 1847. Arca ———?  
 Nucula, sp. *Moller.* Yoldia, sp. *Lovèn,* 1846. N. lenticula.  
 ——— ———?  
 621. Solenella, *Sow.* 1832. Malletia, *Desmoulin,* 1832. Ctenoconcha, *Gray,* 1840. S. Norrisii.

## Fam. V. MYADÆ.

622. Mya, *Linn.;* *Lam.* 1801; *Schum.* 1817. M. truncata.  
 Mya, *Megerle,* 1811. Mya  $\beta$ , *Blainv.* Sphæmia, sp. *Turton,* 1822, jun. M. arenaria.  
 623. Platyodon, *Conrad,* 1817. Mya cancellata.  
 624. Sphenia, sp. *Leach MSS.* 1819; *Turton,* 1822. Sphæna, *Swains.* 1840. Sp. Binghami.  
 ? Arcinella, *Philippi,* 1844; not *Oken* nor *Schum.* Arc. lævis.  
 625. Tugonia, *Gray,* 1840. Pholas (Tugon), *Adans.* 1757. Mya, sp. *Gmelin,* *Bastrot.* Anatina, sp. *Lam.* 1812. Mya Anatina.

## Fam. VI. ANATINIDÆ.

626. Laternula, *Bolten,* 1798. Auriscalpium, *Megerle,* 1811; *Schum.* 1817. Anatina, sp. *Lam.* 1812. Solen anatinus.  
 Anatina, *Blainv.* 1825. An. subrostrata.  
 Auriscalpium  $\beta$ , *Schum.* 1817. A. globulosum.  
 627. Periploma, *Schum.* 1817. Osteodesma a, *Blainv.;* not *Desh.* Anatina, sp. *Lam.* 1812. Corbula, sp. *Brug.* P. inæqualvis.  
 628. Cochloidesma, *Couthouy,* 1839. Bontia, *Leach MSS.* 1819;

- Brown*, 1844. *Ligula*, sp. *Montag.* 1800 (*Soland. MSS. ?*); not *Humph.* 1797. *Anatina*, sp. *Turton, Conrad.* *Mya*, sp. *Montag.* Spoonhinge, *Petiver.* *Mya* prætenuis.
629. *Cardilia*, *Desh.* 1835. *Hemicyclonosta*, *Desh.* 1837; *Michelin*, 1837 (*Hemicyclostoma*, *Gray*, and *Hemicyclostera*, *Brown*, errors of press). *Isocardia*, sp. *Lam.* I. — ?
630. *Rupicola*, *Bellev.*; *Lam.* 1812. *Osteodesma*  $\beta$ , *Blainv.* 1825. *Anatina c*, *Schum.* 1817. *Thracia*, sp. *Brown*, 1827. *Ligula*, sp. *Montag.* *Mya* distorta.
631. *Thracia*, *Leach MSS.* 1819; *Desh.* 1835. *Odoncincta*, *Costu*, 1827. *Odontocincta*, *Agassiz.* *Odoncyneta*, *Cantr.* *Cinetodonta*, *Herrm.* 1847. *Osteodesma*, sp. *Blainv.* 1825. *Tellina*, sp. *Poli.* *Amphidesma*, sp. *Lam.* 1812. *Anatina*, sp. *Lam.*, *Turton.* *Ligula*, sp. *Montag.* 1808; not *Humph.* 1797. *Mya* pubescens.  
*Thracia*, *Blainv.* 1825. Th. *Corbuloides.*  
*Thracia*, *Conrad.* Th. *rugosa.*
632. *Magdala*, *Leach MSS.* 1819; *Brown*, 1827. *Hiatella*, *Brown*, 1827; not *Daud.* *Myatella*, *Brown*, 1833 & 1844. *Lyonsia*, *Turton*, 1822. *Mya*, sp. *Chemn.* *Amphidesma*, sp. *Lam.* *Anatina*, sp. *Sow.* *Pandora?* sp. *Philippi*, 1838. *Ostcodesma*, sp. *Desh.* 1835; not *Blainv.* *Tetragonostea*, *Desh.* 1835. *Mya* norvegica.  
*Pandorina*, *Scacchi*, 1836. *Tellina*, sp. *Scacchi*, 1833. *Pand.* *coruscans.*  
*Anatina*, sp. *Gray.* *Anat.* *cuneata.*  
*Osteodesma*, sp. *Couthouy.* *Ost.* *hyalina.*
633. *Myodora*, *Gray*, 1840. *Myadora*, “*Gray*,” *Reeve.* *Anatina*, sp. *Stutch.* *Anat.* *brevis.*
634. *Camostrea*, *Roissy*, 18 ?; *Blainv.* 1825. *Cleidothærus*, *Stutch.* 1835. *Chama c*, *Blainv.* 1825. *Ch.* *hemicardium.*
635. *Myochama*, *Stutch.* 1835; *Sow.* *Myo.* *anomioides.*
636. ? *Poromya*, *Forbes*, 1843. *Por.* *anatinoides.*

## Fam. VII. CORBULIDÆ.

637. *Corbula*, *Brug.* 1792; *Lam.* 1811. *Aloïdis*, *Megerle*, 1811. *Corb.* *sulcata.*  
*Agina*, *Turt.* 1822. *Tellina*, sp. *Olivi.* *Corbula*, sp. *Brug.* *Mya* inæquivalvis.  
*Lentidium*, *Christ. & Jans.* *Corb.* *mediterranea.*  
*Erycina*, sp. *Lam.* *Eryc.* *trigona.*
638. *Azara*, *D'Orb.* 1839. *Potamomya*, *Hinds*, 1843; not *J. Sow.* *Mya* labiata.
639. *Erodina*, *Daud.* 17 ?; *Bosc.* *Corbula*, sp. *Desh.* *Pacyodon*, *Beck MSS.* *Mya*, sp. *Lam.* *Mya* *Erodina.*  
 ? *Tellina*, sp. *Chemn.* *Tel.* *guianaca.*

640. *Harlea*, *Gray*, 1844, 78. *Corbula*, n. s.  
 641. *Tomala*, *Gray*, 1844, 78. *Corbula*, n. s.  
 642. *Raleta*, *Gray*, 1844, 78. *Corbula*, n. s.  
 643. *Neara*, *Gray*, 1830. *Anatina*, sp. *Lam.* *Mya* *rostrata*.  
*Erycina* *cuspidata*, *Risso*, 1826; not *Lam.* *Tellina*, sp. *Olivi.* *Cor-*  
*bula*, *Brown.* *Cuspidaria*, *Nardo.* *Thracia*, sp. *Brown.* *N.*  
*brevirostris.*

## Fam. VIII. PANDORIDÆ.

644. *Pandora*, *Soland.*; *Brug.* 1792; *Lam.* 1801; *Schum.* 1817;  
 not *Megerle*, 1811. *Placuna*, sp. *Humph.* *Hypogæa*, sp. *Poli.*  
*Tellina* *inæquivalvis.*

## Fam. IX. SOLENOMYADÆ.

645. *Solemya*, *Lam.* 1818; *Blainv.* 1825. *Solenomya*, *Menke*, 1830.  
*Solenymia*, *Swains.* 1840. *Solenimya*, *Bowdich*, *Sow.* *S. me-*  
*diterranea.*

## Fam. X. GALEOMMIDÆ.

646. *Galeomma*, *Turton*, 1825; *Philippi.* *Hiatella*, *Costa*; *Chiaje*;  
 not *Daud.* *Parthenope*, *Scacchi*, 1836; not *Fab.* *Gal.* *Tur-*  
*tonii.*  
*Psammobia*, sp. *Lam.* 1818. *Ps. aurantia.*  
*Psammobia*, sp. *Quoy & Gaim.* *Ps. vitrea.*

## Fam. XI. LASIADÆ.

647. *Lasea*, *Leach MSS.* 1819; *Brown*, 1827. *Kellia*, sp. *Turton*,  
 1822. *Bornia*, sp. *Philippi*, 1836. *Erycina*, sp. *Scacchi.* *Am-*  
*phidesma*, sp. *Lam.* 1818. *Petricola*, sp. *Gray*, 1825. *Poronia*,  
 sp. *Thorpe.* *Cardium rubrum.*  
*Cycladina*, *Cantraine*, 1830. *Poronia*, *Recluz*, 1846. *Chama*  
 (*poron*), *Adanson.* *Tellina* *Adansonii.*  
 648. *Kellia*, sp. *Turt.* 1822. *Bornia*, sp. *Philippi*, 1836. *Amphi-*  
*desma*, sp. *Lam.* 1818. *Erycina*, sp. *Payr.* 1826; *Recluz.*  
*Chironia*, *Desh.* 184? *Petricola*, sp. *Gray*, 1828. *Tellimya*,  
 sp. *Brown.* *Mya suborbicularis.*  
 649. *Cyamium*, *Philippi*, 1845. *Cy. antarcticum.*  
*Cyamium*, *Lovèn*, 1846. *Lesæa*, sp. *Moller.* *Montacuta*, sp. *Bean.*  
*Erycina*, sp. *Recluz.* *Venus*, sp. *O. Fab.* *Solen*, sp. *Flem.*  
*Saxicava*, sp. *Brown.* *Mya purpurea.*  
 650. *Montacuta*, (sp.) *Turt.* 1822; *Lovèn*, 1846. *Tellimya*, sp.  
*Brown.* *Ligula*, sp. *Montag.* *Mya substriata.*  
*Petricola*, sp. *Gray*, 1825. *Mya bidentata.*  
*Tellimya*, sp. *Brown*, 1827. *Montacuta*, sp. *Turt.* 1822. *Poronia*,  
 sp. *Jeffreys.* *Mya ferruginea.*

651. *Clausina*, *Jeffreys*, 1847; not *Brown*. *Kellia*, sp. *Forbes*, 1843.  
*Artemis*, sp. *Jeffreys*. *Cryptodon*, sp. *Alder*. *Cl. ferruginosa*.  
 652. *Embla*, *Lorèn*, 1846. *E. Koreni*.

## Fam. XII. LEPTONIDÆ.

653. *Lepton*, *Turton*, 1822. *Mactra*, sp. *Montag*. *Mactra squamosa*.

## Fam. XIII. SAXICAVIDÆ.

654. *Saxicava*, *Bellev*. 1802. *Saxicave*, *Lam*. 1812. *Glycimeris*,  
*Schum*. 1817; not *Lam*. 1799 nor 1801. *Byssomya*, *Cuv*. 1817.  
*Byssomia*, *Blainv*. 1825. *Byssomia*, *Desh*. *Pholeobia*, *Leach*,  
 1819. ? *Clotho*, *Faujas*. *Hypogæa*, sp. *Poli*, 1791. *Mytilus*,  
 sp. *Linn.*, *Montag*. *Mya*, sp. *Fab.*, *Müller*. *Mytilus rugosus*.  
 655. *Hiatella*, *Daud.*; *Bosc*, 1802. *Diodonta*, *Schum*. 1817. *Rhomboides*,  
*Blainv*. 1825. *Biapholus*, *Leach*, 1819; *Blainv*. *Cardita*,  
 sp. *Brug*. *Donax*, sp. *Poli*. *Corbula*, sp. *Blainv*. *Saxicava*,  
 sp. *Blainv*. *Hyatella*, *D'Orb*. *Mya*, sp. *Brocchi*. *Solen*,  
 sp. *Linn.* *Solen minutus*.  
 656. ? *Entodesma*, *Philippi*, 1845. *E. chilensis*.

## Order III. GONIOPODA.

## Fam. I. CHAMIDÆ.

657. *Chama*, *Linn.*; *Lam*. 1801. *Jataronus*, *Adans*. 1757. *Macrophyllum*,  
*Gevers*, 1766. *Psilopus*, sp. *Poli*, 1791; *Oken*, 1815. *Licinia*,  
 sp. *Humph*. 1797. *Gryphus*, *Humph*. MSS. 1797. *Lazarus*, *Cuv*.  
 1800. *Cham. Lazarus*.  
 ? *Diceras*, *Lam*. (internal cast). *D. arietina*.  
 658. *Arcinella*, *Schum*. 1817; not *Philippi*. *Licinia*, sp. *Humph*. 1797.  
*Gryphus*, *Humph*. MSS. 1797. *Chama*  $\beta$ , *Blainv*. 1825. *Ch.*  
*Arcinella*.

## Fam. II. ETHERIADÆ.

659. *Etheria*, *Lam*. 1808; *Blainv*. 1825; not *Raf*. *Ætheria*, *Menke*,  
 1830; *Koenig*. *Etherea*, *Schw*. *E. semilunata*.  
 660. ? *Mulleria*, *Férus*. 1823; *Sow*. *Etheria plumbea* (jun.), *Desh*.  
*M. lobata*.

## Fam. III. CARDITIDÆ.

661. *Venericardia*, *Lam*. 1801. *Cardita c*, *Blainv*. *Cardita*, sp.  
*Desh*. *Cardissa*, *Oken*, 1815. *V. imbricata*.  
 662. *Cardita*, *Brug*. 1789; *Lam*. 1801. *Cardita*  $\beta$ , *Schum*. 1817.



- Chama, sp. *Linn.* Trapezium, sp. *Humph.* 1797. Chama calyculata.
- Cardita  $\alpha$ , *Schum.* 1817. Venericardia, sp. *Payr.* Limnea, sp. *Poli*; not *Lamk.* Chama antiquata.
- Agaria, *Gray*, 1840. Cardito-cardite, *Blainv.* Cardita, sp. *Lam.* Chama Agar.
- Glans, *Megerle*, 1811. Card. trapezia.
663. Mytilicardia, *Blainv.* 1825. Mytilicardita, *Anton.* Cardita, sp. *Lam.* Jesonia, *Gray*, 1840. Chama Jeson.
664. Trapezium, *Megerle*, 1811. Trapezium, sp. *Humph.* 1797. Cypricardia, sp. *Lam.* Cyp. angulata.
665. Libitina, *Schum.* 1817. Cypricardia, *Lam.* 1818. Cardita, sp. *Brug.* Cardita D, *Blainv.* Cham. guineaica.
666. Coralliophaga, *Blainv.* 1825. Cardita, sp. *Brug.* Cypricardia, sp. *Lam.*; *Risso.* Chama Coralliophaga.
667. Bysomya, *Payr.* 1826; not *Cuv.* 1817. Saxicava, sp. *Desh.* Bys. Guerini.
668. ? Opis, *Defrance*, 1825. Trigonia c, *Blainv.* Ophis, *Gray*, 1840. O. cardissoides.
669. ? Myoconcha, *J. Sow.*; *Blainv.*
670. ? Hippopodium, *Conybeare*; *J. Sow.* 1819.

## Fam. IV. PHOLADOMYADÆ.

671. Pholadomya, *Sow.*, *Desh.* Ph. candida.  
Cardita, *J. Sow.* Ph. producta.  
Mya, *J. Sow.* Ph. angulifera.

## Fam. V. ASTARTIDÆ.

672. Astarte, *J. Sow.* 1816. Crassina, *Lam.* 1818. Venus, sp. *Montag.*, *Blainv.* A. Dammoniensis.  
Goodallia, *Turton*, 1822. Mactrina, *Brown*, 1827. Mactra, sp. *Montag.* Mactra triangularis.  
Nicania, *Leach*, 1819. Venus Q, *Blainv.* 1825. N. Banksii.  
Cypricardia, sp. *Lam.* 1819. C. Modiolaris.  
Tellina, sp. *Poli.* Tel. fusca.
673. ? Cardinia, *Agassiz*, 1846; not *Agassiz*, 1841.
674. Megalodon, *J. Sow.*; not *Agassiz.* Megalodus, *Goldf.*

## Fam. VI. CRASSATELLIDÆ.

675. Crassatella, *Lam.* 1801, 1818. Venus, sp. *Gmelin.* Mactra  $\beta$ , *Schum.* 1817. Ven. ponderosa.  
Paphia, sp. *Lam.* 1801. Crassatella, sp. *Lam.* 1818. Ven. contraria.



Crassatella, *Sow.* C. Kingicola.  
? Ptychomya, *Agassiz.*

## Fam. VII. GLOSSIDÆ.

676. Glossus, *Poli*, 1795; *Oken*, 1815. Trapezium, sp. *Humph.* 1797. Bucardium, *Megerle*, 1811; *Schum.* 1817. Bucardia, *Lister.* Isocardia, *Lam.* 1799, 1801, 1818; not *Klein.* Isocardium, *Blainv.* 1825; *Risso*, 1826. Chama, sp. *Linn.* Cardita, sp. *Brug.* 1792. Cardium, sp. *Bolten.* Chama Cor. Isocardia, sp. *Lam.* Ch. Molkiانا.

## Fam. VIII. LUCINIDÆ.

677. Lucina, *Brug.* 1792; *Lam.* 1801. Venus, sp. *Gmel.* Phacoides, *Blainv.* 1825. Ven. jamaicensis. Lucina, *Schum.* 1817. V. pennsylvanica. Triodonta, *Schum.* 1817. Astarte, sp. *Gray*, 1825. Venus, sp. *Chemn.* Ven. borealis. Thiatira, sp. *Leach*, 1819. Tellina, sp. *Mont.* Ven. spuria. Strigella, sp. *Turton*, 1822. Tel. divaricata. Cyrachæa, *Leach MSS.* 1819. Myrtea, *Turt.* 1822. Ortygia, sp. *Brown*, 1827. Venus, sp. *Montag.* Lucina, sp. *Philippi.* Venus spinifera.
678. Mysia, *Leach MSS.* 1819; *T. Brown*, 1827. Diplodonta, sp. *Philippi*, 1836. Psammobia, sp. *Flem.* Lucina, sp. *Turt.* 1822; *Lam.* Tellina, sp. *Montag.* Tel. rotundata. Diplodonta, *Bronn*, 1831. Venus Lupinus.
679. Cyrenoida, *Joannis*, 1835. Cyrenella, *Desh.* 1835. Cyrenoides, *G. B. Sow.* 1842. Cyr. Dupontia.
680. Thyasira, *Leach MSS.* 1817; fide *Lam.* 1818. Thyatira, *Leach MSS.* 1819; fide *Jeffreys.* Thiatisa, sp. *Leach Cat.* 1819. Bequania, *Leach*; fide *Brown.* Cryptodon, *Turton*, 1822. Ptychina, *Philippi*, 1836. Axinus, "*Sow.*"; *Lovèn*, 1846. Tellina, sp. *Montag.* Lucina, sp. *Lam.* 1818. Amphidesma, sp. *Lam.* 1818. Tellina flexuosa.
681. Fimbria, *Megerle*, 1811. Idothea, *Schum.* 1817. Corbis, *Cuvier*, 1817. Idotæa, *Desh.* Lucina E, *Blainv.* 1825. Lucina, sp. *Brug.* Trapezium, sp. *Humph.* Venus fimbriata.
682. Loripes (or Loripoderma), *Poli*, 1792. Ligula, *Menke*, 1830; not *Montag.* Tellina a, *Megerle*, 1811. Amphidesma, sp. *Lam.* 1818. Lucina, sp. *Lam.* 1818. Thiatisa, sp. *Leach*, 1819. Venus lactea.  
? Taras, *Risso*, 1826. T. antiquatus.  
Ungulina, *Daud., Roissy, Lam.* 1812. U. oblonga.
683. ? Scacchia, *Philippi*, 1844. Loripes, *Scacchi.* Lucina, sp. *Philippi.* E. elliptica.

684. *Codakia*, *Scopoli*, 1777. *Chama codok*, *Adans.* 1757. *Ch. codok*.  
*Lenticularia*, *Schum.* 1817. *Ven. punctata*.  
*Orbiculus*  $\beta$ , *Megerle*, 1811. *Cytherea*, sp. *Lamk.* *Lucina*, sp. *Sow.* *Venus tigrinus*.

## Fam. IX. UNIONIDÆ.

685. *Anodonta*, *Cuvier*, 1798; *Lam.* 1801. *Anodon*, *Oken*, 1815.  
*Lymnea* and *Lymnoderma*, sp. *Poli*, 1795; not *Lam.* *Mytilus*,  
 sp. *Linn.* *Mytilus*  $\alpha$ , *Schum.* 1817. *Glochidium*, *Rathke* (very  
 young). *Myt. anatinus*.  
*Strophilus*, *Rafinesq.*  
*Lostena*, *Rafinesq.*  
*Patularia*, *Swains.* 1840. *A. ovata*.
686. *Margaritana*, *Schum.* 1817. *Baphia*, *Gevers*, 1787. *Damalis*,  
*Leach*, 1819. *Unio*, *Turt.* 1822. *Mya*, sp. *Linn.* *Unio*, sp.  
*Lam.* 1818. *Mya margaritifera*.  
*Unio*, *Lam.* 1810. *Unio littoralis*.  
*Potamida*, *Swains.* 1840. “*Damalis*, *Leach.*” *Unio sinuata*.  
*Complanaria*, *Swains.* 1840. *C. gigas*.  
*Uniopsis*, *Swains.* 1840. *U. mytiloides*.  
*Alasmodonta*, *Say*; *Swains.* 1840. *Alasmedonta*, *Say.* *Alasmo-*  
*don*, *Sow.* *Alasmesodonta*, *Blainv.* 1825. *Monodonta*, *Say*,  
 1817; not *Lamk.* *A. undulatus*.  
*Symphonota*, sp. *Lea.* *Lymnæa*, *Swains.* 1840. *L. alata*.
687. *Monocondylea*, *D'Orb.* 1835. *Monocondyla*, *Gray*, 1840. *M.*  
*paraguayana*.
688. *Unio*, *Retzius*, 1788; *Schum.* 1817; not *Lamk.* 1801. *Mya*,  
*Humph.* 1797. *Baphia*, sp. *Gevers*, 1787. *Mysia*, *Turton*, 1822;  
*Swains.* 1840. *Lymnea*, sp. *Poli*, 1795. *Lymneum*, *Oken*, 1815.  
*Luticola*, *Goldf.* 18 ? *Mya pictorum*.  
*Unio*, *Swains.* 1840. *U. mytiloides*.  
*Curricula*, *Swains.* 1840. *U. planulata*.  
*Ligumia*, *Swains.* 1840. *U. recta*.  
*Theliderma*, *Swains.* 1840. *U. metanera*.  
*Megadomus*, *Swains.* 1840. *U. gigas*.  
*Aglia*, *Swains.* 1840. *U. ovata*.  
*Calceola*, *Swains.* 1840. *U. calceolus*.  
*Hemiodon*, *Swains.* 1840. *U. undulatus*.  
*Naidea*, *Swains.* 1840. *Niaa*, *Swains.* 1837. *U. ater*.  
*Canthyria*, *Swains.* 1840. *U. spinosus*.  
*Iridea*, *Swains.* 1840. *U. granosus*.  
*Naia*, *Swains.* 1840. *U. corrugata*.  
*Hyridella*, *Swains.* 1840. *U. australis*.
689. *Barbala*, *Humph.* 1797; *Gray*, 1828. *Barbata*, *Sow.* *Dipsas*,  
*Leach*, 1817. *Cristaria*, *Schum.* 1817. *Symphynota*, *Swains.*  
 1840. *Symphonota*, sp. *Lea.* *Dipsus*, *Swains.* 1840. *Appius*,  
*Leach MSS. B.M.* *Mytilus*, sp. *Solander.* *Mytilus plicatus*.

690. Lamproscapha, *Swains.* 1840. Anodon, sp. *Spix.* Anodonta, sp. *D'Orb.* A. ensiformis.
691. Anodonta, sp. *Lam.* 1819. Anodon, sp. *Spix.* A. exotica.
692. ? Byssodonta, *D'Orb.* 1835 ? 184 ? B. paranensis.

## Fam. X. MUTELADÆ.

693. Mutela, *Scopoli*, 1777. Chama (Mutel), *Adans.* 1757. Scapha, *Humph.* 1797. Anadontites, *Brug.* Iridina, *Lamk.* 1818; *Blainv.* 1825; *Swains.* "Berpolis, *Leach,*" *Blainv.* Mytilus dubius.  
Anodonta, sp. *Lamk.* Symphynota, sp. *Swains.* Iridina, sp. *Desh.* Anod. rubens.
694. Leila, *Gray*, 1840. Anodonta, *Jans.* Iridina, sp. *D'Orb.* Anodon, sp. *Lea.* Anod. esula.
695. Pleiodon, *Conrad*, 1834. Iridina, sp. *Swains.* Irid. ovata.
696. Paxyodon, *Schum.* 1817. Hyria, sp. *Lam.* 1819. Unio *a*, *Blainv.* 1825. H. corrugata.  
Prisodon *α*, *Schum.* 1817. Hyria, sp. *Lamk.* Tellina, sp. *Gmelin.* Tellina alata.
697. Prisodon *β*, *Schum.* 1817. Castalia, *Lamk.* 1819. Tetraplodon, *Spix.* Unio *c*, *Blainv.* Cast. ambigua.

## Fam. XI. MYCETOPODIDÆ.

698. Mycetopus, *D'Orb.* 1835. Mycetopoda or Mycetopus, *Sow., Swains.* 1840. M. soleniformis.  
Anodon, sp. *Spix*, 1827. M. siliquosus.

## Fam. XII. TRIGONIADÆ.

699. Trigonina, *Lam.* 1801. Tr. nodulosa.  
Trigonina *β*, *Blainv.* Trigonina, sp. *Lam.* 1818. Tr. pectinata.

## Fam. XIII. ARCADÆ.

700. Arca, *Linn.*; *Lam.* 1801. Arca *a*, *D'Orb.* Navicula, *Blainv.* 1818. Byssarca, *Swains.* 1835 & 1840. Daphne and Daphnoderma, sp. *Poli*, 1795. Pectunculus (mesol), *Adans.* 1757. Cyphoxis, *Rafin.* Arca Noë.  
Litharca, *Gray*, 1844. Arca Lithodomus.
701. Trisis, *Oken*, 1815; *Alton*, 1829. Arca, sp. *Linn.* & *Lamk.* A. tortuosa.
702. Barbatia, *Gray*, 1840, 1844, 81. Arca, sp. *Linn.* & *Lamk.* A. barbata.
703. Scaphula, *Benson*, 1835; not *Swainson.* Scaphura, *Gray*, 1840. S. — ?

704. *Senilia*, *Gray*, 1840, 1844, 51. *Arca*, *Swains*. 1840. *Arca* 1 *d*, *Alton*. *Pectunculus* (*Tagan*), *Adans*. 1757. *A. senilis*.
705. *Argina*, *Gray*, 1840, 1844, 81. *Arca*, n. s.
706. *Lunaria*, *Gray*, 1840, 1844, 82. *Arca*, n. s.
707. *Anadara*. *Arca*, sp. *Linn.*, *Lamk.*, *Swains*. *Pectunculus* *Anadara*, *Adans*. 1757. *Arca rhomboides*, *Blainv*. *Arca antiquata*.
708. *Scapharca*. *Arca*, sp. *Brug.*, *Lam*. *Arca inæquivalvis*.
709. *Cucullæa*, *Lam*. 1801. *Arca*  $\beta$ , *D'Orb*. *Arca cucullus*.  
? *Arca*, sp. *Philippi*. *Arca pectunculoides*.
710. *Axinea*, *Poli*, 1795. *Axinæa*, *Oken*, 1815. *Arca pilosa*.  
*Pectunculus*, *Lam*. 1801. *Glycimeris*, *Humph*. 1797; *Solander*.  
*Arca Pectunculus*.  
*Pectunculus*, *Megerle*, 1811. *Arca Glycimeris*.
711. *Limopsis*, *Sassi*, 1827; *Cantraine*, 1835. *Arca*, sp. *Brocchi*.  
*Pectunculus*, sp. *Philippi*. *Limnopsis*, *Gray*, 1840. *Crenella*,  
*Herrm*. 1846; not *Brown*. *Arca aurita*.
712. ? *Trigonocælia*, *Nyst* & *Gal.*, *D'Orb*. *Trigonocælius*, *Bronn*.  
*Trigonocælia*, *Nyst*.
713. ? *Cannabina*, *Gray*, 1840.

## Order IV. POGONOPODA.

### Fam. I. TRIDACNIDÆ.

714. *Hippopus*, *Martini*, 1773. *Tridacna*, sp. *Brug*. 1792. *Tridachna*, sp. *Humph*. 1797. *Tridacna*, *Lam*. 1801; *Schum*. 1817. *Hippopodes*, *Gevers*, 1787. *Chama gigas*.
715. *Tridacna*, sp. *Brug*. 1792. *Tridachna*, sp. *Humph*. 1797. *Hippopus*, *Lam*. 1799, 1801; *Schum*. 1817; not *Martini*, 1773. *Pelvis*, *Megerle*, 1811. *Chama Hippopus*.

### Fam. II. MYTILIDÆ.

716. *Mytilus*, *Linn.*; *Lam*. 1801. *Perna dotel*, *Adans*. 1757. *Perna*, *Retz*. 1788; *Schum*. 1817. *Callitriche* and *Callitrichoderma*, sp. *Poli*, 1795. *Mytulus*, *Retz*. 1788. *Mytuli*, *Gevers*, 1787. *Myt. edulis*.  
*Mytilus*, *Swains*. 1840. *M. achatinus*.
717. *Volsella*, *Scopoli*, 1777. *Modiola*, *Lam*. 1801. *Modiolus*, *Risso*, 1826; *Forbes*. *Mytilus*  $\beta$ , *Schum*. 1817. *Mytilus a*, *Blainv*. *Callitriche* and *Callitrichoderma*, sp. *Poli*. *Tamarindiformes*, *Gevers*, 1787. *Mytilus Modiolus*.  
*Perna lutat*, *Adans*. 1757. *M. — ?*  
*Amydalum*, *Megerle*, 1811. *Myt. arborescens*.

718. Lithophagus, *Megerle*, 1811. Lithodomus, *Cuv.* 1817; *Risso*, 1826. Perna, *Oken*, 1815. Mytilus  $\gamma$ , *Schum.* 1817. Modiola, sp. *Lam.* Pholas (rapan), *Adans.* 1757. Tamarindiformis  $\alpha$ , *Gevers*, 1778. Callitriche and Callitrichoderma, *Poli*, 1795. M. Lithophagus.
719. Brachydontes, *Swains.* 1840. Arca, sp. *Linn.* Mytilus, sp. *Schroet.* Modiola, sp. *Lam.* Mytilus exustus.
720. Crenella, *Brown*, 1827. Mytilus crenatus.  
Pectunculina, *D'Orb.* 1844. P. —?
- Herrmannsen (i. 320) erroneously unites this genus with *Limopsis*.
721. Lanistina. Modiola, sp. *Lam.* Lanistes, *Swains.* 1840; not *Montf.* Modiolaria, "*Beck*"; *Lovèn*, 1846. Mytilus discors.
722. Modiolarca, *Gray*, 1840. Modiola, sp. *Lam.* Modiolaria, "*Beck.*" Modiola trapezina.

## Fam. III. PINNIDÆ.

723. Pinna, *Linn.*; *Lam.* 1801. Chimæra, *Poli*, 1792. Mya, *Scopoli*, 1777; not *Linn.* Pinna rudis.  
Pinna, *Swains.* 1840. P. serrata.  
Perna (apan), *Adans.* 1757.
724. Atrina, *Gray*, 1840, 1844. P. nigra.

## Fam. IV. DREISSENIDÆ.

725. Dreissena, *Van Beneden*, 1835. Driessena, *Bronn.* Mytilina or Mytulina, *Cantraine*, 1835. Trichogonia, *Rossmüsler*, 1835. Cœlogonia, *Bronn.* Mytilus, sp. *Schroet.* Mytilus  $\beta$ , *Rang*; *Megerle*, 1811. Dythalmia, *Jay.* Mytilus polymorpha.
726. ? Enocephalus, *Munst.* 1833. Ænocephalus, *Herrmann*, 1846.
727. Congeria, *Partsch*, 1835. Mytilomya, *Cantraine*, 1837.
728. Mytilimeria, *Conrad*, 1837.
729. ? Myoconcha, *D'Orb.*

## Fam. V. PTERIADÆ.

730. Malleus, *Lam.* 1799, 1801. Ostrea e, *Megerle*, 1811. Ripariæ, sp. *Gevers*, 1787. Pintada, sp. *Bolten*, 1798. Margaritifera, sp. *Humph.* 1797. Tudes polonica, *Klein.* O. Malleus.
731. Baphia, *Gevers*, 1787. Vulsella, *Humph.* 1797; *Lam.* 1799, 1801; *Schum.* 1817; not Volsella, *Scopoli*, 1777. Reniella, *Swains.* 1840, young. Mya Vulsella.
732. Pteria, *Scopoli*, 1777. Avicula, *Klein*, 1753; *Brug.* 1789; *Lam.* 1799, 1801. Margaritifera, sp. *Humph.* 1797. Anonica,

- Oken*, 1815. *Perna* (charon), *Adans.* 1757. *Ripariæ*, sp. *Gevers*, 1787. *Mytilus Hirundo*.  
*Perlamater β*, *Schum.* 1817. *M. punctata*.  
*Avicula*, *Swains.* 1840. *A. heterophylla*.
733. *Margaritiphora*, *Megerle*, 1811. *Meleagrina*, *Lam.* 1819. *Margarita*, *Leach*, 1814; not 1819. *Perlamater*, *Schum.* 1817. *Margaritifera*, *Humph.* 1797. *Ripariæ*, sp. *Gevers*, 1787. *Avicula α*, *Blainv.* 1825. *Pintada 1 a*, *Bolten*, 1798. *Myt. Margaritifera*.
734. *Crenatula*, *Lamk.* 1819. *Crenatule*, *Lam.* 1812. *Isogonum*, sp. *Bolten*, 1798. *Ostrea semiaurita*.  
*Crenatula*, *Sow.* 1840. *Cren. mytiloides*.
735. *Dalacia*, *Gray*, 1825. *Vulsella*, sp. *Humph.* 1797. *Dal. folium*.
736. *Melina*, *Retz.* 1788; *Schum.* 1817. *Perna*, *Brug.* 1792; *Lam.* 1801; not *Retz.* *Sutura*, *Megerle*, 1811. *Isognomon*, *Klein*, 1753. *Isogonum*, sp. *Bolten*, 1798. *Hippochæta*, *Sangiov.* 1844. *Pedalion*, sp. *Soland.* *Ostrea ephippium*.  
*Pedalion*, *Soland. MSS.* *Vulsella*, sp. *Humph.* 1797. *Ripariæ*, sp. *Gevers*, 1787. *Ost. Isognomon*.

## Order V. MICROPODA.

## Fam. I. PECTENIDÆ.

737. *Argus*, sp. *Poli*, 1795. *Pecten*, *Megerle*, 1811. *Ostrea*, sp. *Linn.* *Ost. opercularis*.  
*Pecten*, *Schum.* 1817. *Ost. radula*.  
*Chlamys*, sp. *Bolten*. 1798. *Pecten β*, *Schum.* *Ost. pallium*.
738. *Pecten*, *Bolten*, 1798; *Lam.* 1801. *Pandora*, *Megerle*, 1811; not *Brug.* nor *Lamk.* *Janira*, *Schum.* 1817; *D'Orb.* *Janera*, *Sow.* *Argus*, sp. *Poli.* *Ost. maximus*.
739. *Amusium*, *Megerle*, 1811. *Ost. magellanicus*.  
*Amusium*, *Schum.* 1817. *Pallium B*, *Blainv.* *Ost. japonicum*.  
*Pleuronectia*, *Swains.* 1840. *Ost. pleuronectes*.
740. *Pallium*, *Martini*, 1773; *Schum.* 1817. *Dentipecten*, *Rüppell*, 183 ? *Decadopecten*, "Rüppell;" *Swains.* 1840. *Pecten plica*.
741. *Neithea*, *Drouet*, 1824; *Blainv.* 1825. *Janira*, *D'Orb.* *Pecten quinquecostatus*.
742. *Lima*, *Brug.* 1797; *Lam.* 1801. *Glaucus* and *Glaucoderma*, sp. *Poli*, 1795. *Glaucion*, *Oken.* *Mantellum*, *Bolten*, 1798. *Pectunculus*, *Gualt.* *Ostrea Lima*.
743. *Limatula*, *S. Wood.* *Pecten*, sp. *Montag.* *Limula*, *D'Orb.* *Pect. subauricula*.



744. *Limæa*, *Bronn*. 1831. *Limoarca*, *Munster*, 1832. *Ostrea strigillata*.  
*Limæa*, *Lovèn*, 1846. *Limæa Sarsii*.
745. *Pedum*, *Brug*. 1797; *Lam*. 1801. *Pecten*, sp. *D'Orb*. 1846.  
*Glaucion*  $\beta$ , *Oken*, 1815. *Ostrea spondyloidea*.

## Fam. II. SPONDYLIDÆ.

746. *Spondylus*, *Linn.*; *Lam*. 1801. *Gasteropoda*, *Belon*, 1558.  
*Argus*, sp. *Poli*, 1795. *Spond. gaderopus*.
747. *Plicatula*, *Lam*. 1801. *Spondylus*  $\beta$ , *Schum*. 1817. *Spondylus*,  
 sp. *Linn.*, *Brug*. *Sp. plicatus*.
748. *Hinnites*, *Defrance*, 1821. *Hinnus*, *S. Wood?* *Hynnites*,  
*Herrm*. 1846. *Pecten*, sp. *D'Orb*. *H. Corteysii*.  
*Hinnita*, *Gray*, 1826; *Conrad*, 1834. *Hiunites*, *Sow*. *Lima*, sp.  
*Gray*, 1825. *Lima gigantea*.  
*Hinnites*, *Sow*. *Pecten pusio*.

## Fam. III. OSTREIDÆ.

749. *Ostrea*, *Linn.*; *Lam*. 1801; *Megerle*, 1811. *Peloris*, sp. *Poli*.  
*Ostreum*, *Adans*. 1757. *Ost. edulis*.  
*Dendostræa*, *Swains*. 1840. *Ostrea*  $\beta$ , *Megerle*, 1811. *Ostrea D*,  
*Blainv*. *Ostreum*, sp. *Adans*. *Ost. folium*.  
*Mya*, *Scopoli*, 1777. *Alectrionidæ*, *Fischer*. *Amphidonta*, *Fischer*.  
*Ost. cristagalli*.  
*Peloris*, sp. *Poli*. *Ost. Cochlearis*.
750. *Gryphæa*, *Lam*. 1801; not *Gryphus*, *Humph*. *Ostrea*, sp.  
*D'Orb*. *Ost. angulata*.  
*Gryphæa*, *Swains*. *G. incurva*.
751. *Exogyra*, *Say*. *Ostrea*, sp. *D'Orb*. *Chama*, sp. *Sow*. *E.* — ?
752. *Plectronia*. *P.* — ?
753. *Carolia*, *Cantraine*, 1835. *C. placunoides*.

## Fam. IV. PLACENTADÆ.

754. *Placenta*, *Retz*. 1788; *Megerle*, 1811; *Schum*. 1817. *Placuna*,  
*Soland.*; *Humph*. 1797; *Lam*. 1801. *Anomia*, sp. *Linn*. *An*.  
*Placenta*.

## Fam. V. ANOMIADÆ.

755. *Anomia*, *Linn.*; *Müller*, 1776; *Retz*. 1788; *Lam*. 1801; *Megerle*,  
 1811. *Echion*, sp. *Poli*. *Fenestrella*, *Bolten*, 1798.  
*Lampades*, sp. *Gevers*, 1787. *An. Ehippium*.  
*Cepa*, *Humph*. 1797. *An. Cepa*.
756. *Placunanomia*, *Brod*. 1832; *Sow*. *Anomia*, sp. *Blainv*. *Placunomia*,  
*D'Orb.*; *Swains*. 1840. *P. Cumingii*.



757. *Pododesmus*, *Philippi*, 184 ? *Placunanomia*, sp. *Brod.*? P.  
 ———?

### Class III. BRACHIOPODA.

#### Fam. I. LINGULADÆ.

758. *Lingula*, *Haus.*; *Solander*; *Lam.* 1801; *Megerle*, 1811; *Schum.* 1817. *Ligula*, *Cuv.* 1797. *Patella*, sp. *Linn.* *Mytilus*, sp. *Dillw.* *Pat. unguis.*

#### Fam. II. CRANIADÆ.

759. *Crania*, *Retzius*, 1788; *Lam.* 1801, 1812; *Megerle*, 1811; *Schum.* 1817. *Criopus* and *Criopiderma*, *Poli*, 1795; *Flem.* *Orbicula*, *Lam.* 1801; *Schum.* 1817. *Discina*, *Turton*, 1825; not *Lam.* 1812. *Cryopus*, *Desh.* *Patella*, sp. *Fab.*, *Müller*, *Montag.* *Anomia*, sp. *Linn.*, *Chemn.* *Pat. anomala.*

#### Fam. III. DISCINIDÆ.

760. *Discina*, *Lam.* 1812; *Flem.* 1825. *Crania*  $\beta$ , *Schum.* 1817. *Orbicula*, sp. *G. B. Sow.*, *Owen*, not *Lam.* *Orbicula*  $\beta$ , *Blainv.* 1825. *D. ostreoides.*

#### Fam. IV. TEREBRATULIDÆ.

761. *Terebratula*, *Retz.* 1788; *Schum.* 1817. *Anomia* (animal), *Linn.* *Gryphus*, *Megerle*, 1811. *T. dorsata.*  
*Lampas*, sp. *Humph.* 1797. *L. columbina.*  
*Lampades*, *Gerers*, 1787. *L. Terebratula.*
762. *Lampas*, sp. *Humph.* 1797. *Terebratula*, sp. *Lam.* *Anomia*, sp. *Gmelin.* *Hypothyris*, sp. *Phillips*; *King*, 1846. *Atrypa*, sp. *Menke.* *L. Psittacea.*

See *King*, *Ann. & Mag. N. II.* xviii. 26, 1846, for fossil genera and their synonyma, which at least shows how imperfectly the distribution of the fossil species of this group is known.

#### Fam. V. THECIDEIDÆ.

763. *Thecidea*, *DeFrance*; *Blainv.* 1825; *Risso*, 1826. *Th. mediterranea.*

#### Fam. VI. PRODUCTIDÆ.

764. *Productus*, &c.

## Class IV. PTEROPODA.

## Order I. THECOSOMATA.

## Fam. I. CLEODORIDÆ.

765. Cavolina, *Gioeni*, 1783; *Abild.* 1791; not *Brug.* 1792. *Tricla*, *Retz.* 1788. *Anomia*, sp. *Forsk.* 1775. *Fissurella*, sp. *Brug.*; *Megerle*, 1811. *Rheda*, *Humph.* 1797. *Hyalæa*, *Lam.* 1799, 1801. *Hyalus*, *Froriep*, *Meckel.* *Hyalæus*, *Montf.* 1810. *Hyalæa*, *Schweiger*, *Herrm.* *Monoculus*, sp. *Linn.* *Cavol. natans.* *Hyalæa*, sp. *Peron & Lesueur.* *H. tæniobranchiata.*
- 766.? *Archonta*, *Montf.* 1810. *A. exploratus.*
767. *Diacria*, *Gray*, 1842. *Hyalæa b*, *Rang.* *Hyalæa trispinosa.*
768. *Clio*, *Brown*, 1756; not *O. Müller.* *Cleodora*, *Peron & Lesueur*; *Lam.* 1812. *Cliodora*, *Schweig.* *Hyalæa*, sp. *D'Orb.* *Clio pyramidata.*
769. *Balantium*, *Leach MSS.* 1819; *Children*, 1829. *Bal. recurvum.*
770. *Pleuropus*, *Eschsch. (Isis)* 1825. *Cleodora*, *Blainv.* *P. pellucidus.*
771. *Vaginella*, *Daud.* *Vaginula*, *D'Orb., Sow.* *V. depressa.*
772. *Cresis* ("Le Creseis"), *Rang*, 1828, 1829. *Creseis*, *Eschsch.* 1829. *Criscis*, *Forbes*, 1844. *Crisia*, *Menke*, 1844. *Cleodora*, sp. *D'Orb.* *Hyalæa*, sp. *D'Orb.* *C. acus.*  
*Styliola*, "Lesueur;" *Blainv.* 1825. *Cleodora c*, *Blainv.* *S. recta.*
- 773.? *Psyche*, *Rang*, 1825, *Ann. Sc. N.* *Psy. globulosa.*
774. *Euribia*, *Rang*, 1827; not *Hubner*, &c. &c. *Eurybia*, *Menke*, 1830. *Eur. hemispherica.*
- 775.? *Cæcum*, *Flem.* 1824. *Brochus*, *Brown*, 1827. *Odontidium*, *Philippi*, 1836. *Cæcalium*, *Macgilliv.* 1843. *Orthoceras*, sp. *Flem.* *Dentalium*, sp. *Montag.* *Creseis*, sp. *Cantr.* *Odontina*, *Zhorz.* 1834. *Odontostoma*, *Cantr.* *Dentaliopsis*, *Clark MSS.* *Dent. trachea.*
- 776.? *Cadulus*, *Philippi*, 1844. *Dent. ovulum.*

## Fam. II. LIMACINIDÆ.

777. *Limacina*, *Cuv.* 1817; not *Hartm.* 1821. *Spiratella*, *Blainv.* 1825. *Argonauta*, sp. *O. Fab.* *Lim. arctica.*
- 778.? *Spirialis*, *Eyd. & Soul.* See *Heterofusus?*
- 779.? *Cirropteron*, *Sars*, 1835. *Buccinum* (jun.), *Allman*, 1843. *C. semilunare.*

## Fam. III. CUVIERIDÆ.

780. *Cuvieria*, *Rang*, 1827; not *Peron*, &c. *Cleodora*, sp. *Quoy & Gaim.* *Creseis*, sp. *Rang.* *Cuv. columnella.*
781. *Triptera*, *Quoy & Gaim.* 1825. *Tripter*, *Rang.* *T. rosea.*

## Fam. IV. CYMBULIADÆ.

782. *Cymbulia*, *Peron & Lesueur*, 1810; *Lam.* 1812. *Cym. proboscidea.*  
 “*Argivora*, *Lesueur* ;” *Blainv.* 1825. *Cymbulia parva.*
783. *Tiedemannia*, *Chioje*, 1841; *Krohn*, 1844. *Cymbulia*, sp. *Beneden.* *T. neapolitana.*

## Order II. GYMNOSOMATA.

## Fam. V. PNEUMODERMIDÆ.

784. *Pneumoderma*, *Peron & Lesueur*, 1810. *Pneumodermon*, *Cuvier*, 1817: *Pneum. capuchonne.*
785. *Spongiobranchea*, *D'Orb.* 1840? *Spong. australis.*
786. *Trichocyclus*, *Eschsch. (Isis)* 1825. *T. Dumerillii.*
787. ? *Pelagia*, *Quoy & Gaim.*; not *Peron.*

## Fam. VI. CYMODOCEADÆ.

788. *Cymodocea*, *D'Orb.* 184?; not *Salisbury.* *Cyd. diaphana.*

## Fam. VII. CLIONIDÆ.

789. *Clione*, *Pallas*, 1774. *Clio*, *O. Müller*, 1776; *Peron & Lesueur*, 1810; *Lam.* 1812; not *Brown*, 1756. *Clio. boreale.*
790. *Cliodita*, *Quoy & Gaim.* 1825. *Clio. caduceus.*

## Class V. CEPHALOPODA.

## Subclass I. DIBRANCHIATA.

## Order I. OCTOPODA.

## Fam. I. OCTOPODIDÆ.

## OCYTHOINA.

791. *Ocythoë*, *Rafn.*; *Leach*, 1818. *Argonauta*, *Risso*, 1826. *Octopus e*, *Blainv.* 1825. *O. antiquorum.*

## OCTOPODINA.

792. Octopus, *Cuvier*, 1797, 1817; *Blainv.* 1825. Polypus, *Leach*.  
Octopodia, *Rafinesq.* Sepia Octopus.
793. Tremectopus, *Chiaje*. Octopus, sp. *Férus*. Oct. velifer.
794. Eledone, *Leach*, 1817; *Risso*, 1826. Eledona, *Risso*, 1826.  
Eledon, *Por. & Mich.* Heledone, *Menke*, 1830. Moschites,  
*Schneid.* Sepia octopodia.  
Ozaena, *Montf.* "Ozoema, *Rafin.*" Eledona Aldrovandi.
795. Octopodoteuthis, *Rüppell*, 1845. Verania, *Krohn*. O. — ?
796. Cirroteuthis, *Eschricht*, 1836. Sciadephorus, *Eschr.* 1846.  
Chiroteuthis, *D'Orb.* Cirrhoteuthis, *Moller*. C. Mulleri.

## PHILONEXIANA.

797. Philonexis, *D'Orb.* 184 ? . Philonexus, *D'Orb.* Ph. Quoyianus.

## Order II. DECAPODA.

## Fam. II. SEPIADÆ.

## SEPIOLINA.

798. Sepiola, *Leach*, 1817; *Risso*, 1826; *Blainv.* 1825. Loligo, sp.  
*Lamk.* Sepia Sepiola.

## SEPIANA.

799. Rossia, *Owen*, 1835. R. palpebrosa.
800. Sepia, *Linn.*; *Lam.* 1801; *Blainv.* 1825. S. officinalis.  
Beloptera, *Desh.* B. parisiensis.

## CRANCHINA.

801. Cranchia, *Leach*, 1817. Loligo  $\beta$ , *Blainv.* C. scabra.  
Cranchia, *Peron.* C. cardioptera.

## Fam. III. LOLIGIDÆ.

802. Loligo, *Leach*. Pteroteuthis, *Blainv.* 1825. Sepia Loligo.
803. Sepioteuthis, *Blainv.* 1825. Condrosepia, *Leuch.* Sepia, sp.  
*Lam.* 1812. Loligo, sp. *Blainv.* 1825. Loligo Sepioidea.

## Fam. IV. LOLIGOPSIDÆ.

804. Lologopsis, *Lam.* 1811; *Blainv.* 1825. Leachia, *Lesson*;  
*Blainv.* 1825. Lol. — ?
805. Histioteuthis, *D'Orb.* Hist. — ?

## Fam. V. ONYCHOTEUTHIDÆ.

806. Onychoteuthis, *Licht.* 1818 ; *Blainv.* 1825. Onychia, *Lesueur*, 1821. Ony. Bergii.  
 Onychia, sp. *Lesueur*, 1821. Cranchia, sp. *Férus.* 1823. Loligo, sp. *Peron.* Sepiola, sp. *Lesueur*, 1821. Sep. Cardioptera.
807. Enoploteuthis, *D'Orb.* Ommastrephes, *D'Orb.* Les Calmar-flèches, *Blainv.* 1825. Loligo Sagittæ.
808. Belemnites, *Lam.* 1801. Belemnita, *Flem.* 1828. Belemnosepia, *Agassiz*, &c. Belemnitella, *D'Orb.*
- 808\*. Belemniteuthis, *Pearce*, 1842.

## Fam. VI. LITUIDÆ.

809. Lituus, *Brown*, 1756 ; *Humph. MSS.* 1797. Pedum, *Humph.* 1797 ; not *Lam.* Spirula, *Lam.* 1801. Spirulæa, *Peron.* Spirula a (not b & c), *Blainv.* 1825. Sp. australis.

## Subclass II. TETRABRANCHIATA.

## Order III. POLIPODA.

## Fam. VII. NAUTILIDÆ.

810. Nautilus, *Lam.* 1801 ; *Montf.* N. Pompilius.  
 Oceanus, *Montf.* 1808. Nautilus, sp. *Linn.* N. umbilicatus.

## ERRATA.

- No. 126, for *Helenchus* read *Heleuchus*.  
 No. 130, for *Helicena* read *Helicina*.  
 No. 206, for *Forsar* read *Fossar*.  
 ———, for *Pharianema* read *Phasianema*.  
 No. 447, for *Amphibulima* read *Amphibulina*.  
 No. 518, before *Lituus* add *Lituella*.  
 No. 677, for *Strigella* read *Strigilla*.  
 No. 691, add *Glabaris*.  
 No. 706, for *Lunaria* read *Lunarca*.  
 No. 708, for *Scapharea* read *Scapharca*.

## INDEX OF GENERA OF MOLLUSCA.

[The numbers refer to the numbers before the genera.]

- Abida, 473.  
 Abra, 581, 582.  
 Acanthiza, 57.  
 Acanthochetes, 425.  
 Acanthochites, 425.  
 Acanthochiton, 425.  
 Acanthopleura, 413, 414.  
 Acardo, 323, 559.  
 Acavus, 453.  
 Acera, 298.  
 Achatina, 469, 471, 472, 478, 479, 481, 484, 485, 486, 488.  
 Achatinella, 487.  
 Achatinus, 478.  
 Achena, 482.  
 Acicula, 482, 502.  
 Aciona, 248.  
 Acionæa, 248.  
 Acione, 248.  
 Acesie, 318, 319.  
 Acmaea, 275, 513.  
 Acme, 209, 275, 502.  
 Acmea, 276, 502, 514.  
 Acroloxus, 510.  
 Actæon, 388.  
 Acteocina, 294.  
 Acteon, 286, 287, 292, 294, 388, 498.  
 Acteonella, 297.  
 Acteonina, 393.  
 Actindoris, 342.  
 Actinocyclus, 346.  
 Acus, 65.  
 Adacna, 559.  
 Adeorbis, 140.  
 Admete, 30.  
 Adspergillum, 599.  
 Aegires, 353.  
 Aënocephalus, 726.  
 Æolidia, 373.  
 Æolis, 373, 377.  
 Ætheria, 659.  
 Agaria, 662.  
 Agaronia, 77.  
 Agina, 637.  
 Aglia, 688.  
 Agopis, 462.  
 Akera, 303.  
 Alæa, 471, 473.  
 Alasmedonta, 686.  
 Alasmesodonta, 686.  
 Alasmodonta, 686.  
 Alatae, 1.  
 Alatus, 1.  
 Alcadia, 533.  
 Alderia, 380.  
 Allectrion, 68.  
 Allectrionidæ, 749.  
 Alexia, 498.  
 Alicula, 301.  
 Aloïdes, 637.  
 Alvania, 209, 219.  
 Amalthea, 263, 265.  
 Amarula, 215.  
 Amathina, 267.  
 Amicula, 424.  
 Amnicola, 198, 199.  
 Amoura, 287.  
 Ampelita, 457.  
 Amphibina, 449.  
 Amphibola, 511.  
 Amphibulina, 446, 447, 448.  
 Amphibulina, 447, 449.  
 Amphibulinus, 447.  
 Amphiceras, 108.  
 Amphidesma, 572, 580, 581, 582.  
 Amphidonta, 749.  
 Amphipeplea, 505.  
 Amphisphyra, 305.  
 Amphitrite, 364.  
 Amphorina, 395.  
 Amplexus, 456.  
 Amplustra, 309.  
 Amplustrum, 309.  
 Ampulla, 486.  
 Ampullacera, 512.  
 Ampullaria, 166, 188.  
 Ampullarina, 511.  
 Ampullarius, 166.  
 Ampullaroides, 172.  
 Ampullina, 531.  
 Amusium, 739.  
 Amydala, 299.  
 Amydalum, 717.  
 Anadara, 707.  
 Anadontites, 693.  
 Anapa, 573.  
 Anastoma, 459, 530.  
 Anastomus, 459.  
 Anatina, 565, 626, 627, 628, 633.  
 Anatinella, 570.  
 Anatola, 249.  
 Anatomus, 151.  
 Anaulax, 78.  
 Ancilla, 77, 78, 263, 268, 271.  
 Ancillaria, 74, 78.  
 Ancillus, 78.  
 Ancula, 357.  
 Anculosa, 224.  
 Anculotus, 224.  
 Ancylus, 275, 510.  
 Anguinaria, 261.  
 Angulus, 577.  
 Angystoma, 459.  
 Anisus, 506, 508.  
 Anna, 17.  
 Annularia, 515, 519.  
 Anodon, 685.  
 Anodonta, 685, 691.  
 Anolax, 78.  
 Anomala, 476.  
 Anomalocardia, 544.  
 Anomia, 754, 755, 765.  
 Anonica, 732.  
 Anops, 331.  
 Anostoma, 460.  
 Ansulus, 510.  
 Antigone, 546.  
 Aphrodite, 559.  
 Apiculum, 123, 132.  
 Aplexa, 507.  
 Aplysia, 315, 316, 317, 388.  
 Aplysiopterus, 388.  
 Apollon, 5.  
 Apoma, 477.  
 Aporrhais, 2, 33.  
 Aporrhais, 33.  
 Appendicularia, 397.  
 Appius, 689.  
 Aquaria, 599.  
 Aquillus, 6.  
 Aranea, 10.  
 Arca, 700.  
 Architectoma, 200.  
 Archonta, 766.

- Arcinella, 624, 658.  
 Arcopagia, 578.  
 Arctica, 545.  
 Arctoë, 535.  
 Arenaria, 581.  
 Argina, 705.  
 Argivora, 782.  
 Argonauta, 31, 248, 336, 791.  
 Argus, 737, 746.  
 Arianta, 454.  
 Arion, 429.  
 Ariophanta, 433.  
 Arminia, 401.  
 Atrosoier, 599.  
 Artemis, 535, 651.  
 Artemon, 455, 464.  
 Arthemiderma, 535.  
 Arthemis, 535.  
 Artolon, 281.  
 Arytæna, 599.  
 Asa, 535.  
 Asolene, 172.  
 Aspergillus, 599.  
 Assaminea, 193.  
 Assiminea, 193.  
 Assula, 301.  
 Astarte, 672.  
 Asteronotus, 347.  
 Atlanta, 174, 175.  
 Atlas, 314.  
 Atractodon, 41.  
 Atractus, 39.  
 Atrina, 724.  
 Atrypa, 762.  
 Atys, 308.  
 Aulica, 87.  
 Aulus, 610.  
 Auricella, 501.  
 Auricula, 71, 283, 285, 287, 293, 467, 492, 499, 500, 502, 503.  
 Auriculina, 286.  
 Auriculus, 492.  
 Auriformes, 147, 191.  
 Auris, 466.  
 Auriscalpinum, 626.  
 Auris mustela, 292.  
 Auris Veneris, 191.  
 Avellana, 295.  
 Avicula, 732.  
 Axineæ, 710.  
 Axinea, 710.  
 Axinus, 680.  
 Azara, 638.  
 Azeca, 468.  
 Azor, 575, 609.  
 Balantium, 769.  
 Balcis, 280, 289.  
 Balea, 465, 476.  
 Balia, 476.  
 Bankia, 597.  
 Baphia, 686, 688, 731.  
 Barbala, 689.  
 Barbata, 688.  
 Barbatia, 702.  
 Barnia, 586.  
 Batillaria, 223.  
 Batillus, 112.  
 Bela, 14.  
 Belemnita, 808.  
 Belemnitella, 808.  
 Belemnites, 808.  
 Belemnosepia, 808.  
 Belemnoteuthis, 808.  
 Bellerophon, 337.  
 Bellerophorina, 337.  
 Boleptera, 800.  
 Bembicium, 195.  
 Bensonia, 189.  
 Bequania, 680.  
 Berpolis, 693.  
 Berthella, 326.  
 Bezoardica, 43.  
 Biapholus, 655.  
 Bicatillus, 269, 270.  
 Biconia, 270.  
 Bifrontia, 202, 203.  
 Birostra, 108.  
 Bithinia, 253.  
 Bittium, 234, 241.  
 Bivinae, 258.  
 Bivonia, 258.  
 Bolma, 115.  
 Bombyxinus, 250.  
 Bonellia, 291.  
 Bontia, 628.  
 Bornia, 647.  
 Brachyclamys, 345.  
 Brachyclanis, 345.  
 Brachydontes, 719.  
 Brachypodella, 478.  
 Brachypus, 477.  
 Brachystoma, 13.  
 Bradybæna, 461.  
 Brephulus, 470.  
 Briaræa, 397.  
 Briarea, 397.  
 Briareus, 397.  
 Brocchia, 266.  
 Brochus, 775.  
 Broderipia, 144.  
 Brontes, 10.  
 Brownia, 174.  
 Bryopa, 601.  
 Bucardia, 676.  
 Bucardium, 676.  
 Buccianops, 67.  
 Buccinella, 30.  
 Buccinum, 6, 7, 17, 62, 229, 230, 472, 480, 482, 485, 486, 504.  
 Buchanania, 400.  
 Buchannia, 490.  
 Bufo, 5.  
 Bufonaria, 5.  
 Bulbus, 23.  
 Bulliminus, 470, 471.  
 Bulimulus, 470.  
 Bulimulus, 471.  
 Bulimus, 166, 228, 251, 253, 283, 290, 291, 293, 447, 450, 466, 469, 471, 474, 480, 482, 485, 486, 488, 496, 502, 503, 504, 505, 506, 507.  
 Bullinus, 506, 509, 511.  
 Bulla, 4, 255, 298, 300, 303, 306, 307, 311, 312, 471, 485, 486, 508.  
 Bullæa, 299, 310, 311.  
 Bullia, 67.  
 Bulliana, 67.  
 Bullina, 303, 304, 309, 310, 311.  
 Bullinula, 311.  
 Bullinus, 506, 510.  
 Bullus, 307.  
 Bursatella, 319.  
 Bursiris, 318.  
 Busyeon, 19.  
 Byssoarca, 700.  
 Byssodonta, 692.  
 Byssomia, 654.  
 Byssomya, 654, 667.  
 Byssonina, 654.  
 Cabochou, 263.  
 Cadulus, 776.  
 Cadus, 50.  
 Cæcalium, 775.  
 Cæcum, 775.  
 Calana, 163.  
 Calcar, 115.  
 Calceola, 688.  
 Callia, 526.  
 Calliopæa, 374.  
 Calliostoma, 124.  
 Callipara, 93.  
 Callista, 536, 540, 562.  
 Callistoderma, 540, 543, 546, 548, 562.  
 Callitriche, 716, 717.  
 Callitrichoderma, 716, 717.  
 Callochiton, 409.  
 Calpurna, 108.  
 Calpurnus, 108.  
 Calypeopsis, 270.  
 Calyptra, 271, 510.  
 Calyptradæ, 268.  
 Calyptræa, 269, 270, 271, 272.  
 Calyptria, 271.  
 Calyptrus, 271.



- Camitia, 134.  
 Camostrea, 634.  
 Camptoceras, 507.  
 Campulote, 61.  
 Campulotus, 61.  
 Campylæa, 456.  
 Campylonaus, 179.  
 Canarium, 1.  
 Cancellæ, 96.  
 Cancellaria, 30, 48, 72, 94.  
 Cancellarius, 30.  
 Cannabina, 713.  
 Cantareus, 452.  
 Canthapleura, 413.  
 Canthidomus, 228.  
 Canthiridus, 125.  
 Canthorbis, 115.  
 Canthyria, 688.  
 Capisteria, 583.  
 Caprella, 466.  
 Caprinus, 458.  
 Capsa, 547, 548, 550, 584.  
 Capsula, 550.  
 Capulus, 263.  
 Cardiapoda, 334.  
 Cardilia, 629.  
 Cardinalia, 119.  
 Cardinia, 673.  
 Cardissa, 558, 661.  
 Cardita, 661, 662.  
 Cardium, 556, 557, 559, 561.  
 Carinaria, 335.  
 Carinea, 108.  
 Carinidea, 121.  
 Carocolla, 455, 457, 462.  
 Carocollina, 457.  
 Carocollus, 457.  
 Carolia, 753.  
 Carychium, 468, 469, 499,  
 501, 502.  
 Cassida, 42.  
 Cassidarea, 44\*.  
 Cassidaria, 44\*, 45, 46, 47.  
 Cassidea, 42, 47, 51.  
 Cassidula, 494.  
 Cassidulus, 21.  
 Cassis, 42, 43, 44, 51.  
 Castalia, 697.  
 Catillus, 165.  
 Cavolina, 375, 765.  
 Cela, 472.  
 Cemoria, 155, 156, 271.  
 Centronotus, 10.  
 Cepa, 755.  
 Cephæa, 453.  
 Cepatia, 184.  
 Cepolis, 458.  
 Cerastes, 557.  
 Cerastodermi, 557.  
 Cerastoua, 10.  
 Ceratodes, 167.  
 Ceratostoma, 10.  
 Cerion, 271, 475.  
 Ceriphasia, 227.  
 Cerithidea, 236.  
 Cerithium, 229, 233, 235,  
 240.  
 Cernina, 187.  
 Cerophora, 333.  
 Cerostoma, 10.  
 Chæna, 603, 604.  
 Chalidis, 391.  
 Chama, 581, 657.  
 Char, 301.  
 Charta, 301.  
 Chelinotus, 109.  
 Chemnitzia, 286, 288.  
 Chenopus, 33.  
 Chersina, 484.  
 Chicoreus, 10.  
 Chilina, 504.  
 Chilostoma, 456.  
 Chilotrema, 457.  
 Chimæra, 723.  
 Chion, 583.  
 Chione, 540, 546.  
 Chionella, 480.  
 Chironia, 648.  
 Chiroteuthis, 796.  
 Chiton, 407, 408, 414.  
 Chitonella, 426.  
 Chitonellus, 425, 426.  
 Chitoniscus, 426.  
 Chlamys, 737.  
 Chlorostoma, 129.  
 Chondrula, 473.  
 Chondrus, 470, 473.  
 Choristodon, 551.  
 Choristoma, 282.  
 Choritis, 457.  
 Chorus, 34.  
 Chrysodomus, 39.  
 Chrysostoma, 132.  
 Cidaris, 110.  
 Cimber, 165.  
 Cinctodonta, 631.  
 Cingula, 199, 209, 210.  
 Cingulifera, 454.  
 Cinulia, 295.  
 Cionella, 53, 419, 468, 480,  
 482, 483.  
 Circe, 541.  
 Circinaria, 456.  
 Circumpholos, 535.  
 Cirrhotteuthis, 796.  
 Cirropteron, 779.  
 Cirroteuthis, 796.  
 Cistula, 515.  
 Cladophora, 352.  
 Clanculus, 123.  
 Clangulus, 123.  
 Clathrodon, 569.  
 Clathrus, 248.  
 Clausaria, 595.  
 Clausilia, 467, 470, 473,  
 475, 476, 478.  
 Clausilina, 475.  
 Clausina, 542, 651.  
 Clavagella, 601, 602.  
 Clavagelle, 602.  
 Clavatula, 12, 13.  
 Clavella, 37.  
 Clavellithes, 37.  
 Clavicantha, 13.  
 Clavus, 13.  
 Cleanthus, 326.  
 Cleidothærus, 634.  
 Clementia, 549.  
 Cleodora, 768, 770.  
 Clepsydra, 599.  
 Clio, 313, 768, 789.  
 Cliodita, 790.  
 Cliodora, 768.  
 Clione, 789.  
 Clionella, 230.  
 Clithon, 164.  
 Cliton, 164.  
 Clælia, 379.  
 Clossonaria, 595.  
 Clotho, 654.  
 Clymenis, 503.  
 Clypeus, 513.  
 Clypidina, 153.  
 Clypsidella, 156.  
 Cobresia, 444.  
 Cochlea, 454.  
 Cochlicella, 461.  
 Cochlicopa, 479, 480, 482,  
 484.  
 Cochlitoma, 478, 485.  
 Cochloidesma, 628.  
 Cochlodina, 466, 477.  
 Cochlodonta, 471.  
 Cochlogena, 470, 472.  
 Cochlohydra, 446, 449,  
 450, 451.  
 Cochlostyla, 465.  
 Codakia, 684.  
 Cœlogonia, 725.  
 Cœnatoria, 452.  
 Columbaria, 5.  
 Columbella, 8, 9, 53, 94.  
 Columna, 470, 478, 481.  
 Colus, 19.  
 Cominia, 54.  
 Complanaria, 686.  
 Conalex, 99.  
 Conchilium, 1.  
 Concholepas, 56\*.  
 Condrosepia, 803.  
 Congeria, 727.  
 Conidea, 53.

- Conolithes, 18.  
 Conœlix, 99.  
 Conoelix, 99.  
 Conohelix, 99.  
 Conopleura, 13.  
 Cónorbis, 18.  
 Conovula, 493.  
 Conovule, 493.  
 Conovulum, 493.  
 Conovulus, 493.  
 Conulus, 460.  
 Conus, 18, 47.  
 Coralliophaga, 666.  
 Corbicula, 552.  
 Corbis, 681.  
 Corbula, 559, 637.  
 Coreculum, 558.  
 Corephium, 416.  
 Coretus, 508.  
 Coriocola, 109.  
 Cornea, 555.  
 Corneola, 456.  
 Cornu, 31.  
 Cornucopia, 453.  
 Coronaxis, 18.  
 Costellaria, 96.  
 Cranchia, 801, 806.  
 Crania, 759, 760.  
 Crassatella, 572, 675.  
 Crassina, 672.  
 Crassispira, 13.  
 Cremoria, 155.  
 Crenatula, 734.  
 Crenatule, 734.  
 Crenea, 468.  
 Crenella, 711, 720.  
 Crepidula, 268, 511.  
 Crepidulus, 268.  
 Crepipatella, 268.  
 Cresis, 280, 772.  
 Criopiderma, 759.  
 Criopus, 759.  
 Crisia, 772.  
 Cristaria, 689.  
 Crucibulum, 270.  
 Cryopus, 759.  
 Crypta, 268.  
 Cryptella, 442.  
 Cryptochiton, 422.  
 Cryptoconchus, 423, 426.  
 Cryptodon, 567, 651, 680.  
 Cryptophthalmus, 300.  
 Cryptoplax, 426.  
 Cryptospira, 100.  
 Cryptostoma, 191.  
 Cryptothyra, 109.  
 Ctenoconcha, 621.  
 Cucullæa, 709.  
 Cultellus, 566, 613.  
 Cuma, 24, 26.  
 Cumia, 6.  
 Cumingia, 580.  
 Cuneus, 537.  
 Cuphus, 595.  
 Curricula, 688.  
 Cuspidaria, 643.  
 Cuvieria, 780.  
 Cyanium, 649.  
 Cyanogaster, 327.  
 Cycladina, 647.  
 Cyclas, 552, 553, 556.  
 Cyclodoutina, 473.  
 Cyclogyra, 204.  
 Cyclonassa, 68.  
 Cyclope, 68.  
 Cyclophora, 519.  
 Cyclophorus, 519.  
 Cyclops, 68.  
 Cyclosantha, 115.  
 Cyclostoma, 135, 169, 248,  
     251, 254, 282, 478, 503,  
     514, 530.  
 Cyclostome, 514.  
 Cyclostomus, 514.  
 Cyclostrema, 209, 248.  
 Cyclotus, 520.  
 Cylichna, 304.  
 Cylinder, 18.  
 Cyindra, 98.  
 Cyindrella, 18, 304, 477.  
 Cyindrus, 74, 470.  
 Cyllene, 73.  
 Cymba, 82.  
 Cymbiola, 86, 87.  
 Cymbium, 82, 83, 100, 307,  
     312.  
 Cymbulia, 782.  
 Cymodocea, 788.  
 Cynodonta, 28.  
 Cyphonia, 108.  
 Cyphoxis, 700.  
 Cypræa, 103, 104.  
 Cypræacassis, 42.  
 Cyprædia, 106.  
 Cypræova, 105, 106.  
 Cyprella, 108.  
 Cypricea, 565.  
 Cyprina, 545, 552.  
 Cyprine, 545.  
 Cyprovula, 105.  
 Cyrachæa, 677.  
 Cyrena, 552, 553, 554.  
 Cyrenella, 679.  
 Cyrenoida, 679.  
 Cyrenoides, 679.  
 Cyrtodaria, 616.  
 Cyrtulus, 38.  
 Cythara, 48.  
 Cytherea, 536, 541, 542,  
     684.  
 Cytheree, 566.  
 Daetylina, 587.  
 Dactylus, 100, 293.  
 Dædalochila, 460.  
 Dalacia, 735.  
 Damalis, 686.  
 Daphne, 700.  
 Daphnella, 13.  
 Daphnoderma, 700.  
 Dandebardia, 445.  
 Dauphinule, 135.  
 Decadopecten, 740.  
 Defrancia, 14, 16.  
 Delphinoidea, 213.  
 Delphinula, 30, 114, 135,  
     136, 461.  
 Delphinus, 138.  
 Dendoris, 344.  
 Dendostræa, 749.  
 Dendroconus, 18.  
 Dendronotus, 364.  
 Dentalium, 277, 278, 280,  
     509, 775.  
 Dentatus, 508.  
 Dentellaria, 455.  
 Dentipecten, 740.  
 Deridobranchus, 149.  
 Dermatobranchus, 386.  
 Deshayesia, 181.  
 Desmonlea, 69.  
 Detracia, 494.  
 Diacria, 767.  
 Diadora, 155, 156.  
 Diaphana, 305.  
 Diastrophæ, 507.  
 Diceræ, 657.  
 Diloma, 127.  
 Dimorpha, 358.  
 Diodonta, 653.  
 Diodora, 155.  
 Dione, 540.  
 Diphyllidia, 399.  
 Diplodonta, 678.  
 Dipsas, 689.  
 Dipsus, 689.  
 Discina, 759, 760.  
 Discodoma, 454.  
 Discoides, 325.  
 Discosoma, 457.  
 Discus, 462, 508.  
 Dispotea, 270.  
 Distorta, 7.  
 Distortio, 7.  
 Ditrupe, 281.  
 Dolabella, 315, 316, 317.  
 Dolabrifera, 316.  
 Dolium, 50, 51.  
 Dombeya, 504.  
 Donacelle, 572.  
 Donacilla, 572.  
 Donacina, 572, 584.  
 Donax, 439, 549, 583, 584.  
 Dorcasia, 454.

- Doridium, 298.  
 Doris, 315, 342, 344, 345, 373, 377.  
 Dorsanum, 66.  
 Dosina, 542.  
 Dosinia, 535.  
 Dostia, 164.  
 Dota, 365.  
 Doto, 365.  
 Dreissena, 725.  
 Drepanostoma, 457.  
 Drillia, 13.  
 Duvauclia, 363.  
 Dythalmia, 725.  
 Ebala, 288.  
 Ebena, 229.  
 Eburna, 35, 63, 65, 80.  
 Eburnus, 80.  
 Echinella, 196.  
 Echinora, 44\*.  
 Echion, 775.  
 Egeria, 585.  
 Eglisia, 247.  
 Eidothea, 298.  
 Eione, 68.  
 Elasmatina, 469.  
 Eledon, 794.  
 Eledone, 794.  
 Eleuchus, 125, 126.  
 Eleuchus, 125.  
 Elisma, 470.  
 Ellobium, 492.  
 Elysia, 388.  
 Emarginula, 152, 153.  
 Emarginulus, 153.  
 Embla, 652.  
 Ena, 470.  
 Enocephalus, 726.  
 Enoplochiton, 419.  
 Enoploteuthis, 807.  
 Ensatella, 606.  
 Ensis, 606.  
 Entalis, 278, 279.  
 Entodesma, 656.  
 Enzina, 9.  
 Eolidia, 373, 375.  
 Eolidina, 373.  
 Eolis, 373, 375, 376.  
 Epheria, 208.  
 Epistyla, 463.  
 Epistylum, 463.  
 Erato, 107.  
 Erodina, 639.  
 Ersina, 47.  
 Eruca, 471, 477.  
 Ervillia, 574.  
 Erycina, 572, 582, 637.  
 Eryx, 572.  
 Ésmia, 317.  
 Espiphylla, 503.  
 Ethalion, 373.  
 Etheria, 659.  
 Eubbranchus, 373.  
 Eucampe, 303.  
 Euglesia, 556.  
 Eulima, 288, 289, 290.  
 Eulimella, 288.  
 Eumeles, 488.  
 Eumenis, 385.  
 Euomphalus, 202.  
 Euplocamus, 353, 356.  
 Euribia, 774.  
 Eurybia, 774.  
 Eurycratera, 454.  
 Eurydice, 396.  
 Eutrema, 503.  
 Eutropia, 116.  
 Exogyra, 751.  
 Exoleta, 535.  
 Eyromphala, 462.  
 Farcimen, 523.  
 Fasciolaria, 26.  
 Faunus, 228, 229.  
 Fenestrella, 755.  
 Ferussacia, 483, 530.  
 Ferussina, 530.  
 Ficula, 20.  
 Ficus, 20, 21.  
 Fidelis, 282.  
 Fimbria, 370, 681.  
 Firola, 332.  
 Firoloide, 322.  
 Fissilabria, 59.  
 Fissurella, 155, 156, 765.  
 Fissurellia, 156.  
 Fissurellidea, 158.  
 Fissurellus, 156, 158.  
 Fistulana, 594, 603.  
 Flabellina, 376.  
 Flabellines, 376.  
 Foegia, 600.  
 Fossar, 206.  
 Fossarus, 206.  
 Fragella, 123.  
 Fragrum, 558.  
 Fruticola, 461.  
 Fucicola, 389.  
 Fucola, 389.  
 Fulgoraria, 38.  
 Fulgur, 22.  
 Furcella, 595.  
 Fusus, 3, 8, 17, 19, 25, 226.  
 Gadila, 280.  
 Gadinia, 513.  
 Gadus, 280.  
 Galateola, 585.  
 Galathea, 585.  
 Galaxias, 454.  
 Galba, 503.  
 Galeomma, 646.  
 Galericulum, 255.  
 Galerus, 269.  
 Galileja, 556.  
 Gari, 576.  
 Gasteropoda, 746.  
 Gasteroptera, 313.  
 Gasteropteron, 313.  
 Gastrana, 551.  
 Gastridia, 35.  
 Gastrochæna, 603, 604.  
 Gastrochena, 604.  
 Gastroplax, 323.  
 Geloina, 553.  
 Gena, 145.  
 Genot, 12.  
 Geomalacus, 437.  
 Geometra, 461.  
 Geotrochus, 455.  
 Geovula, 492.  
 Gervisia, 330.  
 Gibberula, 102.  
 Gibbium, 128.  
 Gibbula, 137.  
 Gibbulina, 471.  
 Gibbus, 471.  
 Gioenia, 301.  
 Glabaris, 691.  
 Glabella, 100.  
 Glandina, 485, 486.  
 Glans, 662.  
 Glaucion, 742, 745.  
 Glaucoderma, 742.  
 Glauconome, 549.  
 Glaucus, 371, 742.  
 Glischri, 475.  
 Globioconcha, 296.  
 Globularia, 187, 188.  
 Globulus, 130, 188.  
 Glochidium, 685.  
 Glossodoris, 341.  
 Glossus, 676.  
 Glottella, 239.  
 Glycimeris, 559, 602, 615, 616, 651, 710, 711.  
 Gnathodon, 569.  
 Goniclis, 402.  
 Gonidomus, 471.  
 Goniodoris, 345.  
 Gonodon, 473.  
 Gonospira, 471.  
 Gonostoma, 457.  
 Gonyodiscus, 462.  
 Gonyostoma, 466.  
 Gonyostomus, 466.  
 Goodallia, 672.  
 Granaria, 473.  
 Grateloupia, 538.  
 Gratelupia, 538.  
 Gryphæa, 750.  
 Gryphochiton, 427.  
 Gryphus, 657, 658, 761.  
 Guetera, 596.  
 Gulnaria, 503.

- Gyrina, 5.  
 Gyorrbis, 254.  
 Halia, 486.  
 Haliotis, 146, 147, 150, 191.  
 Haliotoidea, 146, 272.  
 Haminea, 307.  
 Harlea, 640.  
 Harpa, 52.  
 Harpago, 2.  
 Harpula, 85, 88, 89, 92, 93.  
 Hatina, 259.  
 Haustator, 242, 243.  
 Haustellaria, 10.  
 Haustellum, 10.  
 Hecuba, 583.  
 Helcion, 275, 276, 404, 405.  
 Heledone, 794.  
 Helenchus, 126.  
 Heliacus, 201.  
 Helicarion, 431.  
 Helicella, 433, 456, 462.  
 Helicelle, 462.  
 Helicina, 130, 455, 531.  
 Helicobulimus, 465.  
 Helicodontia, 457, 461, 463.  
 Helicodontes, 457.  
 Helicogaena, 454.  
 Helicogena, 433, 452, 455, 458, 462, 467.  
 Helicogona, 458.  
 Helicolimax, 431, 433, 444, 445.  
 Helicomanes, 461.  
 Heliconoides, 177, 178.  
 Helicophanta, 454, 455, 458.  
 Helicophlegma, 174.  
 Helicophora, 177.  
 Helicopsis, 432, 433, 461.  
 Helicostyla, 454, 463, 464.  
 Helicteres, 487.  
 Helisiga, 449.  
 Helisoma, 508.  
 Helix, 254, 283, 289, 290, 291, 293, 452, 456, 465, 466, 468, 471, 472, 480, 504, 509.  
 Hemicardia, 558.  
 Hemocardium, 557, 558.  
 Hemicycla, 454.  
 Hemicyclonosta, 629.  
 Hemicyclostera, 629.  
 Hemicyclostoma, 629.  
 Hemifusus, 21.  
 Hemimactra, 564.  
 Hemimitra, 252, 264.  
 Hemiodon, 688.  
 Hemisinus, 222.  
 Hemithalamus, 509.  
 Hemitoma, 153.  
 Hemitrochus, 454.  
 Hermæa, 378.  
 Hermes, 18.  
 Heterofusus, 177.  
 Heterostoma, 461.  
 Hexabranchnus, 348.  
 Hiattella, 632, 646, 655.  
 Hiattula, 77.  
 Hinea, 58.  
 Hinia, 68.  
 Hinnita, 748.  
 Hinnites, 748.  
 Hinnus, 748.  
 Hippochæta, 736.  
 Hippochrenes, 3.  
 Hippocrena, 3.  
 Hippocrenes, 3.  
 Hipponice, 264.  
 Hipponix, 265.  
 Hippopodes, 714.  
 Hippopodium, 670.  
 Hippopus, 561, 714, 715.  
 Histioteuthis, 805.  
 Homalonyx, 446.  
 Hyalæus, 765.  
 Hyalea, 765.  
 Hyalina, 101, 440, 444, 463.  
 Hyalus, 765.  
 Hyatella, 655.  
 Hydatina, 310.  
 Hydrobia, 199.  
 Hygromia, 461.  
 Hynnites, 748.  
 Hypobranchiæa, 351.  
 Hypogæa, 587, 605, 606, 644, 654.  
 Hypogæoderma, 587.  
 Hypothyris, 762.  
 Hypnaxis, 559.  
 Hyptere, 332.  
 Hyria, 696.  
 Hyridella, 688.  
 Hystrix, 47.  
 Ianthina, 173.  
 Ianthinus, 173.  
 Iaton, 10.  
 Iberus, 457.  
 Icarus, 320.  
 Ictis, 392.  
 Idalia, 356.  
 Idotea, 681.  
 Idothea, 681.  
 Imbricaria, 99.  
 Imperator, 115.  
 Infundibulum, 121, 272.  
 Ino, 241.  
 Insulus, 477.  
 Io, 226.  
 Iodes, 173.  
 Iphigenia, 475, 584.  
 Iridea, 688.  
 Iridina, 693.  
 Irus, 548.  
 Ischnochiton, 410.  
 Ishnula, 14.  
 Isidora, 507.  
 Isocardia, 558, 629, 676.  
 Isocardium, 676.  
 Isognomon, 736.  
 Isognomonostoma, 460.  
 Isognomostoma, 460.  
 Isognostoma, 460.  
 Isogonum, 733, 734.  
 Ispidula, 74.  
 Isthmia, 472.  
 Jaminea, 286, 288, 499, 500.  
 Jaminia, 471, 473, 474, 477.  
 Janella, 291.  
 Janera, 738.  
 Janira, 738, 741.  
 Janus, 361.  
 Jataronus, 657.  
 Jesonia, 663.  
 Jouannetia, 592.  
 Katharina, 421.  
 Kellia, 647, 648.  
 Kuphus, 595.  
 Kyphus, 595.  
 Labio, 124, 128.  
 Labiosa, 565.  
 Labyrinthus, 458.  
 Lachesis, 8.  
 Lacuna, 208.  
 Ladas, 174.  
 Lævicardium, 557.  
 Lagna, 29, 55.  
 Laguncula, 189.  
 Lambis, 1, 2.  
 Lamellaria, 109, 325.  
 Laminaria, 326.  
 Lampades, 755, 761.  
 Lampadion, 458.  
 Lampania, 223.  
 Lampas, 672, 761.  
 Lamprodoma, 75.  
 Lamproscapha, 690.  
 Lamprostoma, 122.  
 Lampusia, 6.  
 Lanatica, 110.  
 Laniogerus, 372.  
 Lanistes, 169, 170, 721.  
 Lanistina, 721.  
 Lanites, 169.  
 Laplysia, 317.  
 Larva, 156, 157.  
 Lasea, 647.  
 Laternula, 626.  
 Lathirus, 25.  
 Lathyrus, 25.  
 Latiaxis, 22.  
 Latirus, 25.

- Latomus, 457.  
 Latona, 583.  
 Latrunculus, 63.  
 Lauria, 471.  
 Lavignon, 581.  
 Lavignonus, 581.  
 Lazarus, 657.  
 Leachia, 199, 804.  
 Leda, 619.  
 Leguminaria, 612.  
 Leila, 694.  
 Leiodomus, 65, 67.  
 Leiostoma, 454, 458.  
 Leiotomus, 36.  
 Lembulus, 619.  
 Lementina, 260.  
 Lemintina, 260.  
 Lenticula, 457.  
 Lenticularia, 684.  
 Lentidium, 637.  
 Leonia, 517.  
 Lepas, 272, 403, 514, 563.  
 Lepeta, 406.  
 Lephocercus, 321.  
 Lepidopleurus, 407, 411.  
 Leptinaria, 482.  
 Leptochiton, 411.  
 Leptoconchus, 61.  
 Leptoconus, 18.  
 Leptolimnea, 503.  
 Lepton, 653.  
 Leptospira, 470.  
 Leptoxis, 503.  
 Lepus, 317.  
 Lerneæ, 317.  
 Lesæa, 649.  
 Leucochroa, 461.  
 Leuconia, 499.  
 Leucostoma, 59.  
 Leucotis, 256.  
 Leucotus, 256.  
 Leucozonia, 29.  
 Levenia, 44.  
 Levicardium, 557.  
 Libitina, 665.  
 Licina, 515, 657, 658.  
 Licium, 108.  
 Lignus, 484.  
 Ligula, 226, 239, 581, 582,  
 628, 681, 682, 758.  
 Ligumia, 688.  
 Lima, 742, 748.  
 Limacella, 429, 436.  
 Limacellus, 429, 436.  
 Limacia, 429.  
 Limacina, 177, 444, 777.  
 Limæa, 744.  
 Limapontia, 390.  
 Limatula, 743.  
 Limax, 429, 434, 436, 467,  
 489, 495.  
 Limicolaria, 470.  
 Limicolarius, 470.  
 Limnæus, 503.  
 Limnea, 450, 504, 507, 662.  
 Limneus, 503.  
 Limnophysa, 504.  
 Limnopsis, 711.  
 Limoarca, 744.  
 Limopsis, 711.  
 Limula, 742.  
 Linguella; 400.  
 Lingula, 758.  
 Liopa, 352.  
 Lippistes, 248.  
 Lirator, 494.  
 Liria, 512.  
 Listera, 565, 581.  
 Litharca, 700.  
 Lithoclyptus, 198.  
 Lithodomus, 718.  
 Lithoglyphus, 198.  
 Litholepas, 271.  
 Lithophagus, 718.  
 Litiopa, 250.  
 Litorina, 194.  
 Litreus, 519.  
 Littorina, 194.  
 Lituella, 518.  
 Lituus, 518, 809.  
 Livona, 132.  
 Lobaria, 299, 610.  
 Lobiger, 322.  
 Loligo, 802.  
 Loligopsis, 804.  
 Lomanotus, 366.  
 Lomastoma, 457, 503.  
 Longæva, 470.  
 Lophuriderma, 407.  
 Lophurus, 407.  
 Loripes, 682.  
 Loripoderma, 682.  
 Lostena, 685.  
 Lotorium, 6.  
 Lottia, 275, 403.  
 Loxostoma, 209.  
 Lucapina, 160.  
 Lucena, 452, 456.  
 Lucerna, 458.  
 Lucernella, 455.  
 Lucidella, 532.  
 Lucidula, 455.  
 Lucina, 449, 450, 453, 458,  
 536, 579, 677.  
 Lunarca, 706.  
 Lunatia, 183.  
 Lunatus, 180, 183.  
 Lunella, 194.  
 Luponia, 106.  
 Lutea, 258, 505.  
 Lutraria, 565, 566, 567,  
 581.  
 Lutricola, 566, 581, 688.  
 Lymnæa, 686.  
 Lymnæa, 503.  
 Lymnæus, 503.  
 Lymnea, 193, 251, 685  
 Lymneum, 688.  
 Lymnia, 503.  
 Lymnoderma, 685.  
 Lymnophysa, 503.  
 Lymnula, 503.  
 Lymnus, 503.  
 Lyonsia, 632.  
 Lyria, 92.  
 Lyrostoma, 458.  
 Macha, 608.  
 Machæra, 612.  
 Macroceramus, 470.  
 Macrochisma, 157.  
 Macrochlamys, 433.  
 Macrocyclus, 456.  
 Macrodontes, 473.  
 Macroma, 577.  
 Macromphalus, 30.  
 Macrophyllum, 657.  
 Macroschisma, 157.  
 Macrospira, 474, 480.  
 Mactesia, 593.  
 Mactra, 559, 562, 563,  
 564.  
 Mactresia, 593.  
 Mactrina, 672.  
 Mactrula, 571.  
 Madulus, 197.  
 Magdala, 632.  
 Magillus, 61.  
 Malea, 51.  
 Malleolus, 598.  
 Malletia, 621.  
 Malleus, 730.  
 Malybe, 367.  
 Mammilla, 185, 186.  
 Mammillaria, 185.  
 Mangelia, 14, 15, 212.  
 Mangilia, 14.  
 Mantellum, 742.  
 Maravignia, 206.  
 Margarita, 139, 733.  
 Margaritana, 686.  
 Margarites, 139.  
 Margaritifera, 730, 732,  
 733.  
 Margaritiphora, 733.  
 Marginella, 71, 100, 102,  
 107.  
 Marginellus, 100.  
 Marinula, 496.  
 Marisa, 167.  
 Marissa, 167.  
 Marmarostoma, 113.  
 Marpessa, 475.  
 Marsenia, 109.



- Marsyas, 492.  
 Martesia, 593.  
 Mastonia, 241.  
 Mastus, 470.  
 Medoria, 208.  
 Megadesma, 585.  
 Megadomus, 688.  
 Megalodon, 674.  
 Megalodus, 674.  
 Megalomastoma, 524.  
 Megaspira, 474.  
 Meghinatium, 435.  
 Melacanthus, 215.  
 Meladomus, 170.  
 Melafusus, 226.  
 Melagraphia, 128.  
 Melampa, 493.  
 Melampus, 493, 494.  
 Melanamona, 229.  
 Melanatria, 222.  
 Melanella, 214.  
 Melania, 215, 224, 228, 252, 288, 289, 290, 466, 469.  
 Melanithes, 228.  
 Melanoides, 215.  
 Melanopside, 228.  
 Melanopsis, 222, 224, 228, 229, 500.  
 Melarapha, 194.  
 Melaraphis, 194.  
 Melas, 215.  
 Melatoma, 12, 225.  
 Meleagrina, 733.  
 Meleagris, 132.  
 Melibæa, 365, 367.  
 Melibe, 367.  
 Melibea, 367.  
 Melibca, 367.  
 Melina, 736.  
 Melo, 82, 83.  
 Melongena, 21.  
 Mendigera, 470.  
 Menetho, 288.  
 Mercenaria, 543.  
 Meretrix, 536.  
 Meroë, 537.  
 Merria, 256.  
 Mesalia, 245.  
 Mesodesma, 572.  
 Mesodon, 460.  
 Mesomphyx, 456, 462.  
 Metopoma, 428.  
 Microcystis, 433.  
 Microstoma, 55.  
 Mingeria, 49.  
 Mitra, 94.  
 Mitrella, 8, 94, 96, 98.  
 Mitreola, 96.  
 Mitrula, 269.  
 Mitrularia, 271.  
 Mixas, 505.  
 Modiola, 717, 722.  
 Modiolarca, 722.  
 Modiolaria, 721, 722.  
 Modiolus, 717.  
 Moldia, 620.  
 Monacha, 461.  
 Monilea, 133.  
 Monoceros, 29, 34, 35, 57, 68.  
 Monocerotes, 242.  
 Monocondyla, 687.  
 Monocondylea, 687.  
 Monoculus, 765.  
 Monodacna, 559.  
 Monodon, 127.  
 Monodonta, 123, 127, 196, 488, 686.  
 Monodontes, 127.  
 Monoplex, 6.  
 Monoptigma, 81, 285.  
 Monoptygma, 81.  
 Monotygma, 81, 285.  
 Montacuta, 649, 650.  
 Montagua, 373, 375.  
 Mopalia, 420.  
 Morio, 44\*.  
 Morula, 60.  
 Morum, 47.  
 Moschites, 794.  
 Moulinea, 568.  
 Moulinsia, 527.  
 Moutetia, 512, 513.  
 Moutensia, 528.  
 Mulinia, 568.  
 Mulleria, 660.  
 Muretia, 512.  
 Murcx, 10, 11, 16, 30.  
 Muricanthus, 10.  
 Muricidea, 11.  
 Muriciformis, 23.  
 Musica, 85.  
 Mutela, 693.  
 Mya, 622, 723, 749.  
 Myadora, 633.  
 Myatella, 632.  
 Mycetopoda, 698.  
 Mycetopus, 698.  
 Myochama, 635.  
 Myoconcha, 669.  
 Myodora, 633.  
 Myosota, 292.  
 Myristica, 21.  
 Myrtea, 677.  
 Mysia, 535, 551, 678, 688.  
 Mytilicardia, 663.  
 Mytilicardita, 663.  
 Mytilimeria, 728.  
 Mytilina, 725.  
 Mytilomya, 727.  
 Mytilus, 595, 716.  
 Mytuliua, 725.  
 Mytulus, 716.  
 Myxas, 505, 507.  
 Myxostoma, 521.  
 Nacca, 180.  
 Nacella, 403.  
 Naia, 688.  
 Naidea, 688.  
 Nana, 68, 228.  
 Nanina, 433.  
 Naunia, 68.  
 Narica, 256.  
 Nasa, 68.  
 Nassa, 55, 63, 68, 71, 234.  
 Natica, 180, 183.  
 Naticaria, 186, 190.  
 Naticella, 185, 206.  
 Naticina, 185, 190.  
 Naticus, 180.  
 Naucum, 308.  
 Nauta, 507.  
 Nautilus, 508, 509, 810.  
 Navicella, 165.  
 Navicelle, 165.  
 Navicula, 466, 700.  
 Nera, 643.  
 Nebularia, 94.  
 Neithea, 741.  
 Nematura, 207.  
 Nerea, 369.  
 Nerilopsis, 192.  
 Neripteron, 164.  
 Neripterum, 164.  
 Nerita, 161, 229, 254, 256, 516.  
 Neritella, 164.  
 Neritiformes, 180.  
 Neritina, 164, 251.  
 Neritine, 164.  
 Neritoidea, 173.  
 Neritoides, 194.  
 Neritopsis, 192, 256.  
 Nesea, 18.  
 Neverita, 182.  
 Nicania, 672.  
 Nioma, 256.  
 Niso, 291.  
 Nisso, 291.  
 Nitidella, 53.  
 Northea, 70.  
 Notarchus, 318, 319.  
 Novaculina, 610.  
 Nucula, 617.  
 Nuculina, 618.  
 Nux, 555.  
 Obba, 457.  
 Obeliscus, 283, 470, 472.  
 Oceanus, 810.  
 Ocenebra, 10.  
 Ochthephila, 461.

- Octopodia, 792.  
 Octopodoteuthis, 795.  
 Octopus, 792.  
 Ocythoë, 791.  
 Odoncineta, 631.  
 Odoneyneta, 631.  
 Odontidium, 775.  
 Odontina, 775.  
 Odontis, 127.  
 Odontocincta, 631.  
 Odontostoma, 534, 775.  
 Odontostomus, 466.  
 Odostomia, 286, 471, 473, 476, 501.  
 Okenia, 356.  
 Oleacina, 485.  
 Oligyra, 531.  
 Oliva, 74, 78.  
 Olivella, 75.  
 Olivancillaria, 76.  
 Omala, 577.  
 Omalaxis, 202.  
 Omalaxon, 202.  
 Omalonyx, 446, 448.  
 Ombrella, 323.  
 L'Ombrelle, 323.  
 Ommastrephes, 807.  
 Omolaxon, 202.  
 Omphalius, 122.  
 Omphemis, 224.  
 Omphiscola, 503.  
 Onchidia, 489.  
 Onchidiodoris, 349.  
 Onchidiorus, 349.  
 Onchidium, 488, 489, 491.  
 Onchidora, 349.  
 Onchidoris, 349.  
 Onchis, 491.  
 Oncidium, 489.  
 Oncis, 491.  
 Oncus, 491.  
 Oniscia, 45, 46, 47.  
 Oniscidia, 46.  
 Onustus, 273, 274.  
 Onychia, 806.  
 Onychoteuthis, 806.  
 Onythochiton, 418.  
 Operculum, 315.  
 Ophicardelus, 497, 498.  
 Opiptera, 313.  
 Opis, 668.  
 Orbicula, 759, 760.  
 Orbiculus, 535, 684.  
 Orbis, 203.  
 Orbitina, 470.  
 Oreula, 471.  
 Oris, 438.  
 Orthaliscus, 470.  
 Orthoceras, 775.  
 Orthostelis, 288.  
 Orthostylus, 465.  
 Ortygia, 546, 677.  
 Oscanius, 325.  
 Osilinus, 128.  
 Osteodesma, 627, 630, 632.  
 Ostrea, 749.  
 Ostreum, 749.  
 Otala, 453, 454, 455, 471.  
 Otavia, 123, 131.  
 Otina, 255.  
 Otis, 492, 504.  
 Otostomus, 466.  
 Ovatella, 286, 498, 499.  
 Ovula, 108.  
 Ovulum, 108.  
 Ovulus, 108.  
 Oxinoë, 109, 191, 255.  
 Oxycheilus, 461, 462.  
 Oxychilus, 461.  
 Oxygyrus, 174.  
 Oxystrombus, 475.  
 Ozaena, 794.  
 Ozoema, 794.  
 Pachylabra, 166.  
 Pachyotus, 467.  
 Pachystoma, 216, 331.  
 Pachystomus, 166.  
 Pacyodon, 639.  
 Pacyotus, 467.  
 Padola, 148.  
 Padolla, 148.  
 Padollus, 148.  
 Pagodella, 196.  
 Pagodus, 196.  
 Pallium, 740.  
 Palmarium, 152\*.  
 Paludestina, 198, 199.  
 Paludina, 170, 198, 251, 282.  
 Paludine, 251.  
 Paludinella, 199.  
 Paludomus, 219, 252.  
 Pandora, 644, 738.  
 Pandorina, 632.  
 Panopea, 615.  
 Panopia, 615.  
 Paphia, 572, 675.  
 Papyridea, 560.  
 Parmacella, 436, 441, 442.  
 Parmacellus, 441.  
 Parmophorus, 152.  
 Parmula, 435.  
 Parthenia, 286, 288.  
 Parthenope, 313, 646.  
 Parthenopia, 313.  
 Partula, 466, 467.  
 Partulus, 467.  
 Pasithea, 290, 291.  
 Patella, 56\*, 152, 263, 267, 275, 276, 402, 514.  
 Patelloida, 275.  
 Patelloidea, 275, 404.  
 Patellus, 402.  
 Patina, 403.  
 Patula, 462.  
 Patularia, 685.  
 Paxyodon, 696.  
 Pectella, 443.  
 Pecten, 738.  
 Pectunculina, 720.  
 Pectunculus, 557, 585, 710.  
 Pedicularia, 56.  
 Pedipes, 292, 495.  
 Pedum, 745, 809.  
 Pegea, 468.  
 Pelagia, 787.  
 Peloris, 749.  
 Peloronta, 161.  
 Pelta, 390, 451.  
 Pelvis, 715.  
 Penicillus, 599.  
 Peplidea, 360.  
 Pera, 556.  
 Peracles, 177.  
 Perdix, 50.  
 Peribolus, 103.  
 Periploma, 627.  
 Peristoma, 470.  
 Perlamater, 732, 733.  
 Perna, 716, 723, 732, 736.  
 Peronæa, 572, 575, 583.  
 Peroneoderma, 572, 575.  
 Peronia, 349, 491.  
 Perrona, 12.  
 Persicola, 102.  
 Persicula, 102.  
 Persona, 7.  
 Petalifera, 316.  
 Petasia, 460.  
 Petricola, 548, 551.  
 Phænospira, 100.  
 Phakellopleura, 425.  
 Pharus, 607.  
 Phasianella, 116, 125, 194, 289.  
 Phasianema, 206.  
 Phasianus, 116.  
 Philippia, 142.  
 Philomycus, 434.  
 Philonexis, 797.  
 Philonexus, 797.  
 Pholadidea, 589.  
 Pholadidodea, 589.  
 Pholadomya, 615, 671.  
 Pholas, 586, 589, 604.  
 Pholeobia, 654.  
 Pholidæa, 589.  
 Phorcus, 122.  
 Phorus, 273.  
 Phos, 72.  
 Phosphorax, 430.  
 Pylina, 299.



- Phylina, 299.  
 Phyllidea, 398.  
 Phyllidia, 398.  
 Phylliroë, 396.  
 Phyllirrhoë, 396.  
 Phylloda, 577.  
 Phylloidesmium, 384.  
 Phyllonotus, 10.  
 Physa, 483, 506, 507.  
 Physer, 200.  
 Phytia, 500.  
 Phyza, 506.  
 Pileolus, 163.  
 Pileopsis, 263, 264, 513.  
 Pinna, 723.  
 Pintada, 733.  
 Pirena, 221, 229.  
 Pirenella, 235.  
 Pisania, 8, 53.  
 Pisidium, 556.  
 Pisum, 556.  
 Pitys, 463.  
 Placamoceros, 359.  
 Placenta, 754.  
 Placobranchius, 387, 388.  
 Placostylus, 466.  
 Placuna, 644, 754.  
 Placunanomia, 756, 757.  
 Placunomia, 756.  
 Planaria, 388, 391.  
 Planaxis, 58, 59, 68.  
 Planorbis, 508, 517.  
 Planospira, 457.  
 Platycloster, 432.  
 Platyodon, 623.  
 Plaxiphora, 417.  
 Plectostylus, 470.  
 Plectronia, 752.  
 Plectrophorus, 439.  
 Pleiodon, 695.  
 Plekocheilus, 466.  
 Plenaria, 205.  
 Pleurobranchæa, 327, 340.  
 Pleurobranchæna, 327.  
 Pleurobranchidium, 327.  
 Pleurobranchus, 325, 327.  
 Pleurodonta, 458.  
 Pleuronectia, 739.  
 Pleurophyllidia, 399.  
 Pleuropus, 770.  
 Pleurorhynchus, 561.  
 Pleurotoma, 12, 13, 16, 230.  
 Pleurotomus, 12.  
 Plicadomus, 471.  
 Plicatella, 25, 29.  
 Plicatula, 747.  
 Plocamoceros, 359.  
 Plocamophorus, 349.  
 Plotia, 228.  
 Pneumoderma, 784.  
 Pneumodermon, 784.  
 Pododesmus, 757.  
 Polia, 8.  
 Polinices, 185.  
 Polita, 460.  
 Polycera, 353, 355, 357.  
 Polydonta, 122, 495, 500, 617.  
 Polydotes, 457.  
 Polygona, 25.  
 Polygyra, 460.  
 Polygyratia, 460.  
 Polygyrus, 508.  
 Polymita, 454.  
 Polyphemopsis, 290.  
 Polyphemus, 485.  
 Polypus, 792.  
 Polytropa, 55.  
 Pomacea, 166.  
 Pomatia, 452, 453.  
 Pomatias, 529.  
 Pomella, 171.  
 Pomus, 166, 168.  
 Porcellana, 74, 100.  
 Poromya, 636.  
 Poronia, 647, 650.  
 Posteobranchus, 328.  
 Posteriobranchus, 328.  
 Potadoma, 215.  
 Potamida, 686.  
 Potamide, 231.  
 Potamides, 236, 237, 240.  
 Potamidis, 231.  
 Potamidum, 232.  
 Potamis, 237.  
 Potamomya, 503, 638.  
 Potamophila, 585.  
 Poteria, 516.  
 Potomis, 237.  
 Priamus, 486.  
 Prisodon, 696, 697.  
 Procerpena, 534.  
 Proctonotus, 382, 394.  
 Productus, 764.  
 Proserpina, 534.  
 Proto, 246.  
 Psammobia, 550, 551, 575, 578, 607, 608, 609.  
 Psammotea, 575, 577.  
 Pseudodactylus, 35.  
 Pseudoliva, 35.  
 Psiloceros, 352.  
 Psilopus, 657.  
 Psyche, 773.  
 Pteria, 732.  
 Pterocera, 2.  
 Pteroceras, 2.  
 Pteroceres, 2.  
 Pterochilus, 381.  
 Pterocyclos, 522.  
 Pterodoris, 343.  
 Pteronotus, 10.  
 Pteroteuthis, 802.  
 Pterotrachea, 332.  
 Ptyergia, 100.  
 Ptychina, 680.  
 Ptychomya, 675.  
 Pugilina, 21.  
 Pullastra, 547.  
 Puncticulis, 18.  
 Puncturella, 155.  
 Pupa, 467, 471, 472, 473, 475, 476.  
 Pupilla, 471, 473, 477.  
 Pupillaca, 159.  
 Pupillia, 159.  
 Pupina, 527.  
 Purpura, 10, 55.  
 Pusia, 96.  
 Pusio, 8, 40.  
 Pusionodon, 457.  
 Pusionella, 40.  
 Pusiostoma, 53.  
 Pustularia, 103.  
 Pyramidæa, 117, 119, 120.  
 Pyramidella, 283, 284, 286, 463.  
 Pyramidellus, 283.  
 Pyramidula, 462.  
 Pyramis, 117, 286, 288.  
 Pyrazus, 240.  
 Pyrella, 10.  
 Pyrene, 229, 235.  
 Pyrgelix, 474.  
 Pyrgiscus, 288.  
 Pyrgula, 217.  
 Pyrula, 10, 20, 21, 22, 26.  
 Pythia, 494, 496, 499.  
 Pythohelix, 465.  
 Quoya, 59.  
 Quoyia, 59.  
 Quoyie, 604.  
 Radius, 108.  
 Radix, 543.  
 Radsia, 408.  
 Radula, 192.  
 Raleta, 642.  
 Rana, 5.  
 Ranella, 5.  
 Rangia, 569.  
 Ranularia, 6.  
 Rapana, 8, 23.  
 Rapella, 23.  
 Rapum, 27.  
 Realia, 525.  
 Registoma, 528.  
 Remina, 470.  
 Reniella, 731.  
 Retusa, 306.  
 Rheda, 765.  
 Rhinoclavis, 233.  
 Rhinodomus, 72.

- Rhizorus, 305.  
 Rhodostoma, 493, 496.  
 Rhomboides, 655.  
 Rhombus, 18.  
 Rhycobranchus, 388.  
 Riciuella, 55, 60.  
 Ricinula, 60.  
 Rimula, 154, 155.  
 Rimularia, 154.  
 Ringicella, 459.  
 Ringicula, 71.  
 Ringinella, 282, 286, 296.  
 Ripariae, 730, 732.  
 Risella, 195.  
 Risoa, 209, 212, 286.  
 Rissoella, 286.  
 Rissoina, 212.  
 Rivicola, 506.  
 Rollus, 18.  
 Rossia, 799.  
 Rostellaria, 3, 33.  
 Rostellum, 3.  
 Rotella, 130.  
 Roxania, 301.  
 Roxellana, 604.  
 Rudolphia, 57.  
 Rudolphus, 57.  
 Ruma, 186.  
 Rupellare, 548.  
 Rupellaria, 548.  
 Ruperelle, 548.  
 Rupicola, 630.  
 Sabanea, 289.  
 Sabia, 266.  
 Sabinea, 199, 286.  
 Sagda, 463.  
 Sagita, 339.  
 Sandalium, 268.  
 Sanguinolaria, 550, 576,  
   610.  
 Sagitella, 340.  
 Saraphia, 472.  
 Sarcoptera, 313.  
 Sarmaticus, 111.  
 Saxicava, 654.  
 Saxicave, 654.  
 Scabicola, 94.  
 Scacchia, 683.  
 Scaea, 177.  
 Scala, 248.  
 Scalaria, 248.  
 Scalarus, 248.  
 Scapha, 87, 693.  
 Scaphander, 301.  
 Scapharca, 708.  
 Scaphella, 52, 92.  
 Scaphula, 76, 703.  
 Scaphura, 703.  
 Scarabus, 467, 500.  
 Schizochiton, 415.  
 Schizodesma, 563.  
 Schizostoma, 202.  
 Sciadephorus, 796.  
 Scissurella, 150.  
 Scolymus, 28.  
 Sconsia, 41.  
 Scrobicularia, 576, 581.  
 Scurria, 276.  
 Scutella, 144, 405.  
 Scutelligera, 435.  
 Scutellina, 405.  
 Scutus, 152.  
 Scyllæa, 368.  
 Scyllea, 371.  
 Segmentaria, 509.  
 Segmentina, 509.  
 Semele, 580.  
 Semilimax, 444.  
 Senectus, 110, 112.  
 Senilia, 704.  
 Separatista, 31.  
 Sepia, 800.  
 Sepiola, 798, 806.  
 Sepioteuthis, 803.  
 Septaria, 165, 595.  
 Seraphys, 4.  
 Serpula, 257, 259, 453,  
   595, 599.  
 Serpuloorbis, 259.  
 Serripes, 559.  
 Sidula, 494.  
 Sigapatella, 269.  
 Sigaret, 109.  
 Sigaretus, 109, 146, 191,  
   255, 256.  
 Siliqua, 612.  
 Siliquaria, 261, 611.  
 Siliquarius, 261.  
 Simia, 108.  
 Simnia, 108.  
 Simulopsis, 450.  
 Sinusigera, 53\*.  
 Siphon, 156.  
 Siphon, 155.  
 Siphonaria, 512.  
 Siphonium, 257.  
 Siphonostoma, 477.  
 Sistrum, 55.  
 Sistrum, 52, 60.  
 Skeneea, 43.  
 Sol, 115.  
 Solariella, 141.  
 Solarium, 200, 433, 455,  
   457.  
 Solaropsis, 456.  
 Solecurtoides, 607, 612.  
 Solecurtus, 578, 607, 608,  
   612.  
 Solemya, 645.  
 Solen, 550, 575, 605.  
 Solen Phalloides, 599.  
 Solen arenaria, 595.  
 Solenella, 621.  
 Solenimya, 645.  
 Solenocurtis, 612.  
 Solenomya, 645.  
 Solenymia, 645.  
 Soletellina, 610, 614.  
 Solidula, 293.  
 Sormetus, 312.  
 Speo, 292.  
 Sphæna, 624.  
 Sphærium, 555.  
 Sphærostoma, 362.  
 Sphenia, 622, 624.  
 Spiraculum, 522.  
 Spiratella, 777.  
 Spirialis, 778.  
 Spiricella, 263.  
 Spirula, 215.  
 Spirobranchus, 61.  
 Spiroglyphus, 262.  
 Spirorbis, 508.  
 Spirula, 809.  
 Spirulæa, 809.  
 Spisula, 564.  
 Spondylus, 746, 747.  
 Spongiobranchia, 785.  
 Stagnicola, 503.  
 Stamonita, 55.  
 Steira, 176.  
 Stenopus, 433.  
 Stenostoma, 466, 471.  
 Stenotrema, 460.  
 Steromphala, 137.  
 Stilifer, 380, 383.  
 Stiligera, 383.  
 Stomatea, 146, 191.  
 Stomatella, 143, 145.  
 Stomatelle, 143.  
 Stomatoides, 467.  
 Stomax, 146.  
 Stomodonta, 475, 476.  
 Strephona, 74.  
 Streptaxis, 464.  
 Strigatella, 94.  
 Strigella, 677.  
 Strigilla, 579.  
 Strigula, 500.  
 Strombidea, 1.  
 Strombiformis, 234, 236,  
   475.  
 Strombilus, 469.  
 Strombus, 1, 18, 486.  
 Strophilus, 685.  
 Strophocheilus, 466.  
 Strophostoma, 530.  
 Struthiolaria, 32, 35.  
 Styliola, 772.  
 Stylodon, 455.  
 Submarginula, 153.  
 Subula, 65.  
 Subulina, 480.

- Succinea, 450.  
 Sutura, 736.  
 Sychar, 241.  
 Sycotypus, 20.  
 Symphonota, 686.  
 Symphynota, 689, 693.  
 Syncera, 193.  
 Syndosmya, 582.  
 Sypho, 155.  
 Syphopatella, 272.  
 Systrium, 55.  
 Tachea, 453.  
 Tagelus, 611.  
 Talona, 590.  
 Talopia, 133.  
 Tamarindiformis, 717.  
 Tania, 219.  
 Tania, 220.  
 Tanychlamys, 433.  
 Tapada, 449, 452.  
 Tapes, 547.  
 Taras, 682.  
 Tebenophorus, 434.  
 Tectura, 275.  
 Tecture, 275.  
 Tectus, 117.  
 Tegipes, 377.  
 Tegula, 118.  
 Telescopella, 227.  
 Telescopium, 238.  
 Tellimya, 648, 650.  
 Tellina, 551, 555, 556, 575,  
 577, 580, 583, 585.  
 Tellinides, 577.  
 Temana, 208.  
 Terebellum, 4, 242.  
 Terebra, 40, 65, 234, 241.  
 Terebralia, 238, 240.  
 Terebratula, 761.  
 Terebrum, 65.  
 Teredina, 594.  
 Teredo, 596, 597, 598.  
 Tergipes, 365, 377.  
 Testacella, 440, 442, 444.  
 Testacellus, 440, 442.  
 Tethis, 317, 370.  
 Tethys, 370.  
 Tetragonostea, 632.  
 Tetraplodon, 697.  
 Textilia, 18.  
 Thais, 57.  
 Thalicera, 511.  
 Thallepus, 316.  
 Thalotia, 126.  
 Theba, 461.  
 Thecidea, 763.  
 Thecacera, 354.  
 Theliconus, 18.  
 Theliderma, 688.  
 Thelidomus, 455.  
 Themisto, 352, 355.  
 Theodoxus, 164.  
 Thiara, 214.  
 Thiarella, 94.  
 Thiatira, 677.  
 Thiatisa, 680, 682.  
 Thicolea, 116.  
 Thovana, 587.  
 Thracia, 630, 631.  
 Thyasira, 680.  
 Thyatira, 680.  
 Thyreus, 56.  
 Tiara, 96, 215.  
 Tiedemannia, 783.  
 Tigris, 132.  
 Timoclea, 546.  
 Tomala, 641.  
 Tomella, 12.  
 Tomigerus, 459.  
 Tomogerus, 459.  
 Tomopteris, 397.  
 Tomopterns, 397.  
 Tonicia, 412.  
 Torcula, 243.  
 Torinia, 201.  
 Tornatella, 286, 292, 293,  
 304, 494, 495.  
 Tornatelle, 292.  
 Tornatellina, 469.  
 Torquatella, 471.  
 Torquilla, 473.  
 Tortulosa, 477.  
 Tracheloides, 477.  
 Tragomma, 462.  
 Tralia, 494.  
 Trapezium, 604, 662, 664,  
 676.  
 Tremectopus, 793.  
 Trichocyclus, 786.  
 Trichogonia, 725.  
 Trichopodus, 64.  
 Trichotropis, 64.  
 Trichotropus, 64.  
 Tricla, 301, 765.  
 Tricolaea, 116.  
 Tricula, 218.  
 Tridachna, 714.  
 Tridacna, 714, 715.  
 Tridonta, 460.  
 Tridopsis, 460.  
 Trigona, 30, 539.  
 Trigonella, 562, 564, 581.  
 Trigonia, 699.  
 Trigonocelia, 712.  
 Trigonocelcius, 712.  
 Trigonostoma, 30, 457.  
 Triodonta, 677.  
 Triopa, 354, 355.  
 Triphora, 241.  
 Triphore, 241.  
 Triphoris, 241.  
 Triphorus, 241.  
 Triplex, 10.  
 Tripter, 781.  
 Triptera, 781.  
 Triquetra, 544.  
 Trisis, 701.  
 Tristoma, 241.  
 Tritia, 67.  
 Triton, 5, 6, 8, 10, 32.  
 Tritonalia, 10.  
 Tritonia, 68, 352, 362,  
 365, 375.  
 Tritonidea, 8, 40.  
 Tritonidium, 33.  
 Tritonium, 6, 11, 14, 30,  
 39, 62.  
 Trivea, 104.  
 Trivia, 104.  
 Trochatella, 272, 531.  
 Trochia, 55.  
 Trochidea, 461.  
 Trochidou, 127.  
 Trochilea, 269.  
 Trochilla, 269, 272.  
 Trochilus, 124.  
 Trochiscus, 138, 460.  
 Trochita, 269, 272.  
 Trochius, 128.  
 Trochlulus, 461.  
 Trochus, 120, 272, 273,  
 274, 283, 458.  
 Trocophore, 64.  
 Trocus, 132, 348.  
 Trophon, 11.  
 Truncatella, 282.  
 Tuba, 114.  
 Tubicanthus, 115.  
 Tubulites, 61.  
 Tudes polonica, 730.  
 Tugonia, 625.  
 Tuliparia, 18.  
 Turbinella, 27, 28.  
 Turbinellus, 10, 25, 27.  
 Turbo, 110, 282, 286, 288,  
 289, 291, 292, 469, 471,  
 472, 485, 503, 509, 515.  
 Turbona, 209.  
 Turbonella, 209, 286.  
 Turbonilla, 209, 286, 288.  
 Turricula, 12, 461.  
 Turris, 12, 96.  
 Turritella, 242, 246, 282,  
 288.  
 Tylodina, 324.  
 Tympanotomos, 237.  
 Tympanotomus, 237.  
 Typis, 10.  
 Über, 185.  
 Ultinuis, 108.  
 Umbella, 323.  
 Umbonicum, 130.  
 Umbraculum, 323.

- Umbrella, 323.  
 Ungulina, 682.  
 Unicornus, 57.  
 Unio, 686, 688.  
 Uniopsis, 686.  
 Urcocoptis, 477.  
 Utriculina, 76.  
 Utriculus, 305, 306.  
 Vagina, 605.  
 Vaginella, 771.  
 Vaginula, 488.  
 Vaginulus, 488.  
 Vallonia, 456.  
 Valvarius, 97.  
 Valvata, 254.  
 Valve, 254.  
 Vanicoro, 256.  
 Velates, 162.  
 Velletia, 510.  
 Velorita, 554.  
 Velutella, 255.  
 Velutina, 191, 255, 256.  
 Venericardia, 661.  
 Venercupis, 548.  
 Venilia, 394.  
 Venus, 538, 540, 544.  
 Verania, 307, 795.  
 Vermetus, 257, 259, 262.  
 Vermicularia, 257, 258.  
 Vermicularius, 258.  
 Veronicella, 488.  
 Veronicellus, 488.  
 Vertigo, 472, 474, 477.  
 Vesica, 215, 307, 308, 504.  
 Vexillum, 55.  
 Vibex, 221.  
 Vidiantius, 483, 484.  
 Villiersia, 350.  
 Vitrea, 462.  
 Vitrella, 303.  
 Vitrina, 109, 431, 433, 444.  
 Vitrine, 444.  
 Vitrinus, 444.  
 Vitularia, 10.  
 Vivipare, 251.  
 Viviparus, 251.  
 Volsella, 717.  
 Voluta, 4, 18, 35, 67, 284,  
 293, 486.  
 Volutella, 28, 84, 100.  
 Volutilithes, 91.  
 Volvaria, 97, 101, 304, 500  
 Volvulus, 475.  
 Vortex, 457, 508.  
 Vulpecula, 96.  
 Vulsella, 731.  
 Westernia, 329.  
 Xenophora, 273.  
 Xenophoris, 273.  
 Xylophaga, 591.  
 Xylotrya, 597.  
 Yetus, 82.  
 Yoldia, 620.  
 Zaria, 244.  
 Zephria, 394.  
 Zierliana, 95.  
 Ziziphinus, 124.  
 Zonites, 433.  
 Zua, 468.  
 Zurama, 456.

THE END.









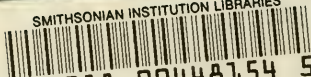








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