

BEFORE we proceed to the more immediate objects of this paper, it may be proper to advert to the plan by which we have been guided in endeavouring to render it acceptable to the scientific naturalist.

We are aware that some late writers of repute have divided the genus *Lepas*, forming out of it another which they have called *Balanus*; and that they have separated from *Ostrea* all the pectinated species, affixing to them different characters, under the generic denomination of *Pecten*. A modern author, by whose researches we have been largely assisted, and to whom British testaceologists in general are eminently indebted, has in like manner divided the genus *Serpula* into two†. To our minds, however, there are reasons why the original *genera* should remain unal-

† *Testacea Britannica*, vol. ii. p. 517.
D tered,

tered, and we have ventured to state those reasons in the proper places. With regard to some of the *terms* employed by Linnæus (especially in the description of the genus *Venus*) alterations seem necessary, on the grounds adverted to at some length in a former paper*.

In the synonyms, and references, it has been our most sedulous endeavour not to mislead, either by transcribing upon trust from other authors, or by quoting such as are ambiguous, or imperfect. The excellent descriptions given by Linnæus, in his *Museum Ludovicæ Ulricæ Reginae*, we have, in most instances, extracted entire; and these extracts, it is hoped, will be the more useful, as that work, on account of its scarcity, cannot very generally be had recourse to, in England. We have also availed ourselves of the concise, but illustrative observations, given by the same author in his *Fauna Suecica* and *Systema Naturæ*. Wherever such helps have failed us, we have subjoined to the essential characters of each species short descriptions of our own, noting most commonly the ordinary size of the shell at its full period of growth (in the British Islands), as one of the most ready guidances towards identifying a specimen under examination. It was our wish to have investigated, with our own eyes, every species before we admitted it into our catalogue; but in some instances this was not practicable, and, under such circumstances, we have contented ourselves with adducing the most respectable authorities. To have omitted a species asserted to be British by writers of repute, merely because we had not been so fortunate as to have seen specimens ourselves, would have indicated a very unbecoming degree of suspiciousness; and it would also have been inconsistent with the design of this paper,

* Linn. Trans. vol. vi. p. 181.

which

which is to lay before the student a descriptive catalogue of *all* our British *Testacea*. Such notices as are not indispensably necessary to the discrimination of a species, or relate to what may be called its *history*, we have usually given in English; and it may here be remarked, that we have been particularly attentive to point out the discoverer, or first describer, of every shell (wherever it was possible to arrive at certainty), retaining the trivial name originally attached to it, in preference to any other, provided it was not pre-occupied, or at variance with the specific characters, or with the Linnæan principles of nomenclature. Had naturalists in general been more strict in this respect, and less fond of novelty of denomination, the science would have been much less confused in every department, than it is at present. The use of trivial names in natural history certainly does not consist in their being *descriptive* of the subjects to which they are annexed, but in their being permanent designations, which, as discovery seems to have no limits, the more arbitrary they may be, the better perhaps they will answer the purpose for which they are calculated.

Every person ~~must~~ be fully aware of the great utility of figures, as auxiliaries of description, which sometimes, from the nicety of the variations of subjects, cannot possibly be rendered all-sufficient for the student's instruction. Fortunately we have been preceded by many British testaceologists, whose works in this respect afford very ample advantages; but wherever a figure was wanting, (provided the species had fallen under our notice,) or where the figures that had been given were grossly incorrect, we have endeavoured to remedy the defect, by referring to engravings annexed to this paper. We judged it would be useful also, on some occasions, to figure closely-allied

species by the side of each other, in order that their relative characters might be more accurately impressed on the mind than it came within the compass of language, simply, to accomplish.

CHITON.

Linn. Syst. Nat. n. 300.

1.
crinitus. Ch. testa septemvalvi, pilis brevibus dense obsita.

Linn. Gm. p. 3206.

Pennant Brit. Zool. 4. t. 36. f. 1.

Montagu Test. Brit. p. 4.

Habitat in mari.

Testa ½ poll. longa. (Pennant.)

An vere distincta à Ch. cinereo ?

We give this species on the authority of Pennant, who mentions having found it near Aberdeen; and Mr. Boys is said to have found it at Sandwich; but it has never fallen under our notice.

2.
discors. Ch. testa septemvalvi dorsata, margine lato leviter reticulato. *Montagu Test. Brit. p. 3.*

Habitat in mari.

Testa oblonga ½ poll. longa, valvulis extremis rufescente-brunneis: valvulæ 5 mediæ transversim divisæ, postice sagrinatæ, antice læves vel leviter transversim striatæ. (Montagu.)

A new and rare species discovered in Salcombe Bay, Devon, by Mr. Montagu, by whom it is described under the trivial name of *septemvalvis*, which appeared to us objectionable, as it conveys an idea that no other species of this genus has that number of valves.

3. *fasci-*

3.
fascicularis. Ch. testa octovalvi, corpore ad valvulas utrinque fasciculato. *Linn. Syst. Nat. n. 4. p. 1106. Linn. Gmel. t. 1. f. 1. p. 3202.*
Chemn. Conch. 10. t. 173. f. 1688.
Pulteney in Hutch. Dorset. p. 25. t. 1. f. 1.
Encyclop. Method. t. 163. f. 15.
Montagu Test. Brit. p. 5.
Habitat in mari, testaceis, saxis adhærens.
Testæ cineræ leviter carinatæ, ad latera fasciculis pilorum albidis confertæ.
4.
marginitus. Ch. testa octovalvi, margine serrato reflexo lævi. *Linn. Gmel. p. 3206.*
t. 1. f. 2. Pennant Brit. Zool. 4. t. 36. f. 2.
Pulteney in Hutch. Dorset. p. 25. t. 1. f. 2.
Montagu Test. Brit. p. 1.
Habitat in mari, testaceis adhærens.
Testa magnitudine unguis pollicis extimi, carinata, lævis, oculo armato quasi saginata visa, rufescente-brunnea.
First discovered at Scarborough, in Yorkshire, by Pennant. Not uncommon.
5.
lævis. Ch. testa octovalvi glaberrima, dorso elevato.
Pennant Brit. Zool. 4. t. 36. f. 3.
Linn. Gm. p. 3206.
Montagu Test. Brit. p. 2.
Habitat in mari.
Testa † poll. longa, † poll. lata, rufescente-brunnea, interdum maculis flavescentibus. Margo latus, reticulatus.
Found at Loch-Broom, on the western coast of Ross-shire, by Pennant; in Salcombe Bay, Devon, by Mr. Montagu.

6. *cinereus.*

6.

cinereus. Ch. testa octovalvi lævi carinata, corpore rubicundo,
t. 1. f. 3. limbo subciliato. *Linn. Syst. Nat. n. 9. p. 1107. Linn.*
Gmel. p. 3204.

Born. Mus. t. 1. f. 3.

Pulteney in Hutch. Dorset. p. 25. t. 1. f. 4.

Montagu Test. Brit. p. 3.

Habitat in mari, testaceis, saxi adhaerens.

*Testa vix cimice major, planiuscula, cinerea, ovata, postice paulo latior,
parum carinata. (Linn.)*

First found by Dr. Pulteney, on oysters from Weymouth and Poole.

7.

albus. Ch. testa octovalvi lævi dorsata, corpore albo. *Linn.*
t. 1. f. 4. *Syst. Nat. n. 8. p. 1107. Linn. Gmel. p. 3204.*

Chemn. Conch. 8. t. 96. f. 817.

Pulteney in Hutch. Dorset. p. 25. t. 1. f. 3.

Montagu Test. Brit. p. 4.

Habitat in mari, testaceis, ulvis adhaerens.

Testa magnitudine grani tritici, ovalis, minus carinata. (Linn.)

First noticed as British by Dr. Pulteney, who found it at Poole, Dorset.

LEPAS.

Linn. Syst. Nat. n. 301.

Differently from the method pursued by some modern authors, who have followed Dr. Solander's original suggestion, we prefer retaining the Linnæan genus *Lepas* undivided. The gradation from the conic to the compressed species appears to us so natural, as not to admit of their being separated, without violation of the general principles of the system. To those who notice the structure of *Lepas Mitella*, which beautifully unites these two divisions, the circumstance we have mentioned cannot fail to

to be obvious; and, even if a difference in the contained animals should be objected, we cannot agree to that particular being made a ground of distinction, since it is not the exclusive consideration on which Linnæus professes to found his arrangement.

1.

Balanus. L. testa conica sulcata, operculis acuminatis. Linn.
Syst. Nat. n. 10. p. 1107. Fauna Suecica, n. 2122.
Linn. Gmel. p. 3207.

Ellis in Act. Angl. 1758. t. 34. f. 17.

Pennant Brit. Zool. t. 37. f. 4.

Da Costa Brit. Conch. p. 249. Bal. porcatus.

Donovan Nat. Hist. of Shells, t. 30. f. 1.

Chemn. Conch. 8. t. 97. f. 820.

Pulteney in Hutch. Dorset. p. 25. t. 2. f. 12. Bal.
communis.

Montagu Test. Brit. p. 6.

Habitat frequens in mari, saxi, rupibus adhærens.

Testa conica, truncata, valvulis pluribus conniventibus, extus inæquali-
ter sulcata, interioribus rugis compressis.

Operculum valvulis quatuor obliquis, acuminatis, superioribus duabus la-
tioribus brevioribus transversè striatis, inferioribus 2 angustioribus
longioribus. (Linn. Mus. Lud. Utr. p. 466.)

2.

Balanoides. L. testa conica truncata lævi, operculis obtusis. Linn.
Fauna Suecica, n. 2123. Syst. Nat. n. 11. p. 1108.
Linn. Gmel. p. 3207.

Lister An. Angl. t. 5. f. 41.

— Conch. t. 444. f. 287.

D'Argenv. Conch. t. 30. f. C.

Pennant Brit. Zool. 4. t. 37. f. 5.

Da Costa Brit. Conch. p. 248. t. 17. f. 7. Bal. vulgaris.
Pulteney

Pulteney in Hutch. Dorset. p. 25. t. 2. f. 7. Bal. vulgaris.

Donovan Nat. Hist. of Shells, t. 36. f. 2.

Montagu Test. Brit. p. 7.

Habitat in mari frequens, saxis, conchis affixa.

Testa depressa, valvulis sex.

Operculum valvulis quatuor, superioribus duabus leviter transversim striatis, inferioribus lævibus. (Linn. Mus. Lud. Utr. p. 466.)

This species was first noticed by Lister.

3.

punctata. L. testa conica truncata punctata, operculis obtusis.

Pennant Brit. Zool. t. 37. f. 6. Lepas Cornubiensis?

Chemn. Conch. 8. t. 97. f. 826.

Pulteney in Hutch. Dorset. p. 25. t. 1. f. 10.

Montagu Test. Brit. p. 8. t. 1. f. 5. Bal. punctatus.

Habitat in mari, saxis et testaceis adhærens.

Testa diametro $\frac{1}{2}$ poll. rugosa, colore fusco.

Operculum valvulis apice coadunatis, emarginatis, se invicem excipientibus.

Found at Poole, Dorset, by Dr. Pulteney; and on the south coast of Devon, by Mr. Montagu.

4.

conoides. L. testa conica valvulis acuminatis, apertura angustissima.

Donovan Nat. Hist. of Shells, t. 30. f. 3.

Montagu Test. Brit. p. 12.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa et lata. Valvulæ striis numerosis linea exaratis.

Discovered by Mr. Bryer, of Weymouth; affixed to *Lepas anatifera*.

5.

costata. L. testa subconica, operculis acutis.

Donovan Nat. Hist. of Shells, t. 30. f. 2.

Montagu Test. Brit. p. 11. Bal. costatus.

Habitat

Habitat in mari, saxis adhærens.

Testa diametro vix $\frac{1}{2}$ poll. candida. Valvulæ indistinctæ, costis elevatis ab apertura divergentibus, instar radiorum.

This species was discovered by the late Mr. Adams, on the coast of Pembrokeshire.

6.

Tintinna-L. testa conica obtusa rugosa. Linn. Syst. Nat. n. 12. bulum. p. 1108. Linn. Gmel. p. 3208.

Lister Conch. t. 443. f. 285.

Grew Mus. p. 148.

Ellis in Act. Angl. 1758. t. 34. f. 8.

Rumph. Mus. t. 41. f. A.

Gualt. Test. t. 106. f. E. H.

D'Argenv. Conch. t. 26. f. A B.

Pennant Brit. Zool. p. 73.

Da Costa Brit. Conch. p. 250.

Chemn. Conch. 8. t. 97. f. 828—830.

Pulteney in Hutch. Dorset. p. 25. t. 1. f. 5.

~~Donovan~~ Brit. Shells, t. 148.

Montagu Test. Brit. p. 10.

Habitat in mari, navium carinis (acervatim sæpius) adhærens.

Testa conico-gibba, extus sulcata, sulcis obtusis, areis valvularum interjectis senis transversim striatis. (Linn. Mus. Lud. Ulr. p. 466.)

Given as British by Da Costa, but is probably a native of the warmer climates, being brought hither on the bottoms of ships.

7.

rugosa. L. testa subcylindrica, operculis acutissimis.

t. 1. f. 5. Chemn. Conch. 8. t. 97. f. 824.

Pulteney in Hutch. Dorset. p. 25. t. 2. f. 10. Bal. rugosus.

Montagu Test. Brit. p. 8. B. rugosus.

Donovan Brit. Shells. t. 160. L. borealis.

Habitat in mari, saxis, testaceis adherens.

Testa 4 poll. longa, apertura ampla.

Operculum valvulis distinctis, angulatis, erectis.

First found on the Dorsetshire coast by Dr. Pulteney.

8.

elongata. L. testa cylindrica elongata, operculis obtusis. Linn.

Gmel. p. 3213.

Pennant Brit. Zool. 4. t. 37. f. A. 5.

Chemn. Conch. 8. t. 98. f. 838.

Pulteney in Hutch. Dorset. p. 25. t. 1. f. 6. Bal. clavatus.

Encyclop. Method. t. 164. f. 7. 8.

Montagu Test. Brit. p. 10. Bal. clavatus.

Habitat in pelago.

Testa nivea, valvulis sex, alternis angustioribus. Apertura dilatata.

We are informed by Dr. Pulteney, that this species was discovered by Sir Joseph Banks. It has been found at Weymouth.

We have received some clusters of elongated shells of *L. Balanoides*, which strongly resemble the figures of this species.

9.

intertexta. L. testa depressiuscula, operculis indistinctis, valvulis intertextis, striatis.

Pennant Brit. Zool. 4. t. 38. f. 7. L. striata.

Da Costa Brit. Conch. p. 250. B. striatus.

Chemn. Conch. 8. t. 98. f. 834.

Walker Test. Min. rar. f. 87.

Pulteney in Hutch. Dorset. p. 25. t. 1. f. 9. Balanus intertextus.

Donovan Nat. Hist. of Shells, t. 36. f. 1.

Encyclop.

Encyclop. Method. t. 164. f. 16, 17.

Montagu Test. Brit. p. 12. Balanus striatus.

Habitat in mari, testaceis, crustaceis, radicibus fucorum adhærens.

Testa diametro $\frac{1}{4}$ poll. alba.

This species was first noticed, as English, by Pen-
nant. Not uncommon.

10.

Diadema. L. testa subrotunda, sexlobata, sulcata. *Linn. Syst.*

Nat. n. 13. p. 1108. *Linn. Gmel.* p. 3208.

Act. Angl. vol. 5. t. 17. f. 2; & vol. 50. t. 34. f. 1. & 7.

Lister Conch. t. 445. f. 288.

Gualt. Test. t. 106. f. Q.

Walch Naturf. 8. t. 4. f. a. b. c.

Da Costa Brit. Conch. p. 251. t. 17. f. 2. Bal. Balæna.

Chemn. Conch. 8. t. 99. f. 843, 4.

Encyclop. Method. t. 165. f. 13, 14.

Donovan Brit. Shells, t. 56. f. 1, 2.

Montagu Test. Brit. p. 13. B. Diadema.

Habitat in mari.

Testa figura echini absque radiis, sordide alba, apertura superiori infundibuliformi, dimidiam reliquæ testæ diametrum æquante, arcis externis 12 triangulis, quarum 6 excavatæ, striis subtilibus transversis exaratae, sex alteræ elevatæ 4-5-6 prominentiis arcte sibi accumbentibus, et striis transversis crenatis exaratis constant. (*Gmel.* p. 3208.)

Common on the Northern Shores.

11.

Scalpel- L. testa compressa tredecimvalvi læviuscula, pedun-
lum. culo squamoso insidente. *Linn. Fauna Suecica,* p. 2121.

Syst. Nat. n. 46. p. 1109. *Linn. Gmel.* p. 3210.

Lister Conch. t. 439. f. 281?

D'Argenv. Conch. t. 26. f. F. G.

Gualt. Test. t. 106. f. C.

Ellis in Act. Angl. 1758. t. 34. f. 4.

Chemn. Conch. 8. vign. 17. f. a. A.

Montagu Test. Brit. p. 18. t. 1. f. 3.

Donovan Brit. Shells, t. 166.

Pulteney in Hutch. Dorset. t. 2. f. 8.

Habitat rarior in mari, Gorgoniis adhærens.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ poll. lata, valvulis squamarum æmulis, subcrinitis, valvula longa curvata reliquas complectente, pedunculo rugoso-annulato.

First found by Mr. Boys, at Sandwich, in Kent. Mr. Montagu has received specimens from Plymouth.

12.

anserife- *L. testa compressa quinquevalvi striata, pedunculo insi-*
ra. *dente. Linn. Syst. Nat. n. 17. p. 1109. Linn. Gmel.*
p. 3210.

Lister Conch. t. 440. f. 283.

Gualt. Test. t. 106. f. 2. 3.

Chemn. Conch. 8. t. 100. f. 856.

Montagu Test. Brit. p. 16.

Donovan Brit. Shells, t. 166.

Habitat in mari, lignis adhærens.

Testa structura omnino *L. anatifera*, sed valvulis sulcatis, excepta prima; sulci hi distincti, elevati. (*Linn.*)

Found on drifted wood on the south coast of Devonshire, by Mr. Montagu.

13.

anatifera. *L. testa subtriangulari quinquevalvi lævi. Linn. Fauna*
Suecica. n. 2120. Mus. Lud. Ulr. 468. n. 6. Syst. Nat.
n. 18. p. 1109. Linn. Gmel. p. 3211.

Aldrov. Orn. c. 20. f. 548.

Gerard Herb. p. 1587.

Bonann. Recr. 2. f. 2.

Imperat. Hist. Nat. 904.

Bauhin. Pin. 513.

Stulpart Obs. 2. p. 458. t. 15.

Barth.

- Barth. Cent.* 6. p. 271.
Worm. Mus. 256.
Marcgr. Bras. 188.
Grew Mus. 148.
Sibb. Mus. 170. n. 2.
Lob. It. 2. p. 250.
Ellis in Act. Angl. vol. 50. t. 34. f. 5.
Lister Conch. t. 439. f. 282.
Gualt. Test. t. 106. f. A D.
D'Argenv. Conch. t. 26. f. E.
Planc. Conch. t. 5. f. 4. & f. XI.
Column. Phytol. 110. t. 30.
Seba Mus. 3. t. 16. f. 1, 2.
Needham Microsc. t. 7. f. 1, 2.
Knorr Vergn. 2. t. 30. f. 4, 5.
Murr. Fund. Test. t. 2. f. 2.
Pennant Brit. Zool. t. 38. f. 39.
Chemn. Conch. 8. t. 100. f. 853.
Pulteney in Hutch. Dorset. p. 26. t. 2. f. 3.
Donovan Brit. Shells, t. 7.
Montagu Test. Brit. p. 15.
Habitat in mari, lignis, carinis navium adhærens.
Testa compressa valvulis duabus majoribus subtriangularibus conniventibus, singulis acutis, latere altero versus apicem valvula oblonga, valvula insuper quarta lanceolata cymbiformi loco carinæ.
Basis cylindrica membranacea intesuniformis. (*Linn. Mus. Lud. Utr.* p. 468.)

14.
sulcata. *L. testa* subtriangulari quinquevalvi sulcata.
Montagu Test. Brit. p. 17. t. 1. f. 6.
Habitat in mari, *Gorgoniis* adhærens.
Testa 4 poll. longa, colore albido. *Valvulae* inferiores 15. costis elevatis;

tis; valvulae superiores in apice dominant, costis 7 vel 8, intermediis minoribus, a margine posteriore divergentibus. Valvula dorsalis compressa, longitudinaliter striata.

A new species, found by Mr. Montagu on the Dorset coast, near Portland.

15.

fascicula- L. testa quinquevalvi laevi, valvula dorsali basi dilatata
ris. angulo acuto prominente.

Ellis Zooph. p. 167. t. 15. f. 6.

Montagu Test. Brit. p. 557.

Donovan Brit. Shells, t. 144. Lepas dilata.

Habitat in mari.

Testa tenuis compressa, valvulis superioribus ad apicem acutis retrorsum inclinatis.

First noticed and figured by Ellis.

PHOLAS.

Linn. Syst. Nat. n. 302.

1.

Dactylus. Ph. testa oblonga hinc reticulato-striata. *Linn. Fauna Suecica, n. 2124. Syst. Nat. n. 20. p. 1110. Linn. Gmel. p. 3214.*

Rond. Test. t. 23. f. 2.

Lister Anim. Angl. App. t. 2. f. 3.

— *Conch. t. 433. f. 276.*

Petiver Gaz. t. 79. f. 10.

Gualt. Test. t. 105. f. D. et f. E. post.

Seba Mus. S. t. 16. f. 6. a—b.

Planc. Conch. p. 33. n. 3.

Borlase Cornw. t. 28. f. 31.

Da Costa Brit. Conch. p. 144. t. 16. f. 2. Pholas muricatus.

Chemn.

Chemn. Conch. 8. t. 101. f. 859.

Murr. Fund. Test. t. 2. f. 3.

Pennant Brit. Zool. 4. t. 39. f. 10. *P. Dactylus.*

Pulteney in Hutch. Dorset. p. 26. t. 3. f. 2. *P. hians.*

Donovan Brit. Shells, t. 118. *er.*

Montagu Test. Brit. p. 20.

Habitat intra scopulos, perterebratis saxis, noctu lucens. (*Linn.*)

Testa ad 5 pollices longa, alba, tenuis, fragilis, striis subspinosis antrosum sensim minoribus, tandem evanescentibus.

2.

candida. *Ph.* testa oblonga, undique striis decussatis muricata.

Linn. Syst. Nat. p. 1111. n. 22. *Linn. Gmel.* p. 3215.

Lister Anim. Angl. t. 5. f. 39.

———— *App.* t. 2. f. 4. & 6.

———— *Conch.* t. 278. f. 435.

Gualt. Test. t. 105. f. E.

Pennant Brit. Zool. 4. t. 39. f. 11. *Ph. candidus.*

Da Costa Brit. Conch. p. 246. *Ph. candidus.*

Pulteney in Hutch. Dorset. p. 26. t. 1. f. 12. *Ph. candida.*

Donovan Brit. Shells, t. 132.

Montagu Test. Brit. p. 25. *Ph. candida.*

Habitat rarior in mari.

Testa vix digiti minoris longitudine, ovato-oblonga, alba diaphana supra fere tota transverse et longitudinaliter elevato-striata decussationibus mucronatis, unde scabra.

Intus decussatim excavato-striata decussationibus impressis. *Cardo* ex lacinula lævi, arcte reflexa. (*Linn. Mus. Lud. Ulr.* p. 469.)

First noticed by Dr. Lister at the mouth of the Tees, Durham; found on the N. Shore, Poole, Dorset, by Dr. Pulteney, and at Salcombe, in Devonshire, by Mr. Montagu.

3. *striata.*

3.

striata. Ph. testa ovata multifariam striata. Linn. Syst. Nat. n. 21. p. 1111. Linn. Gmel. p. 3215.

Parsons in Act. Angl. 55. t. 1. f. 1, 2, 3, 4. Ph. conoides.

Gualt. Test. t. 105. f. F.

Chemn. Conch. 8. t. 102. f. 864—6.

Pulteney in Hutch. Dorset. p. 27. t. 1. f. 7. Ph. nanus.

Donov. Brit. Shells, t. 117.

Montagu Test. Brit. p. 26.

Habitat in mari, navium carinas perterebrans.

Testa rudis opaca alba. Sulcus transversus obsoletus in duas partes valvulas dividit; altera pars acutior minus striata, altera obtusissima imbricato-striata. Area triangularis margini propinqua, lævis.

First described by Dr. Parsons, in the Philosophical Transactions.

It is uncertain whether the animal is bred on our shores, or is only brought hither in the bottoms of ships.

4.

crispata. Ph. testa ovali hinc obtusiore crispato-striata, cardinis dente curvo. Linn. Fauna Suecica, n. 2125. Syst. Nat. n. 25. p. 1111. Linn. Gmel. p. 3216.

Lister Anim. Angl. t. 5. f. 38.

— App. t. 2. f. 7.

— Conch. t. 279. f. 436.

Petiver Gaz. t. 79. f. 13.

Pennant Brit. Zool. t. 40. f. 12.

Olafs. Isl. t. 11. f. 4. 6.

Da Costa Brit. Conch. p. 242. t. 15. f. 4. P. bifrons.

Pulteney in Hutch. Dorset. p. 27. t. 3. f. 4.

Chemn.

Chemn. Conch. 8. t. 102. f. 872—4.

Linn. Gmel. p. 3228. *Solen crispus*.

Encyclop. Method. t. 169. f. 5, 6, 7.

Donovan Brit. Shells, t. 62. & t. 69. testa junior.

Montagu Test. Brit. p. 23.

Habitat in mari, saxis excavatis.

Testa 1½ vel 2 pollices longa, ¾ vel 3 lata, rudis, coloris albidī, vel ferruginei, utraque extremitate hiantē. Sulcus transversus in duas partes valvulas dividens; altera pars obtusissima vix striata, altera verò acutior striis imbricatis subserratis rugosa.

Cardo reflexus lævis, at vero intus dente lineari incurvo sub umbonibus posito. (*Linn. Mus. Lud. Ulr.* p. 469.)

First figured by Lister. Found on various parts of the British coast.

5.
parva. Ph. testa ovali hinc reticulato-striata, cardinis dente ex tuberculo orto.

Pennant Brit. Zool. t. 4. f. 13.

Montagu Test. Brit. p. 22. t. 1. f. 78.

Habitat in mari, lignum perterebrans.

Testa ½ poll. longa, 1 poll. lata, margine recurvo absque cellulis, sulco longitudinali.

First described by Pennant. Found at Salcombe, South Devon, by Mr. Montagu.

MYA.

Linn. Syst. Nat. n. 303.

1.
dubia. M. testa subovali hiantē, cardinis dente obsoleto.

Pennant Brit. Zool. 4. t. 44. f. 19.

Da Costa Brit. Conch. p. 234. *Chama parva*.

Pulteney in Hutch. Dorset. p. 27. t. 1. f. 11. *Pholas Faba*.

Donovan Brit. Shells, t. 132.

Montagu Test. Brit. p. 28. M. Pholadia.

Habitat in mari, rupes calcareas perterebrans.

Testa magnitudine fabæ equinæ, rudis, tenera, subtilissime striata, albescens, vel rufescente-brunnea, hiato ovali instar Pholadum, utraque extremitate connivens.

First noticed from Weymouth by Pennant. Found on the Dorset coast by Dr. Pulteney also; and on the Devonshire coast by Mr. Montagu.

With the habits and appearance of a *Pholas*, this shell wants the essential characters of that genus, viz. the accessory valves. It must necessarily, therefore, be placed among the *Myæ*.

2.
Glycimeris. M. testa utrinque hiantē, crassissima, lamellata, oblongo-ovata, transverse striato-rugosa; cardinis dente primario crassissimo. *Linn. Gmel. p. 3222.*

Aldrov. Test. p. 473, 474.

Lister Conch. t. 414. f. 258.

Gualt. Test. t. 90. f. A.

Born Mus. t. 1. f. 8.

Chemn. Conch. 6. t. 3. f. 25.

Donovan Brit. Shells, t. 142.

Habitat in mari.

Testa ad 5 poll. longa, et 10 lata, ochroleuca, intus cretacea. *Dens primarius* crassissimus fere longitudinem ligamenti æquat; posticus minor subjacet apicibus incurvatis, pone quos series plicarum extenditur.

Mr. Donovan has figured this species, but observes that it is "admitted with some doubt as a British shell; it is a kind, however, acknowledged as such by collectors of English natural history in general, and is said to have been undoubtedly fished up in the
3 "deep

“ deep waters between the Dogger-Bank and the East-
“ ern coast of England.”

3.

truncata. M. testa ovata posterius truncata; cardinis dente an-
trorsum porrecto obtusissimo. *Linn. F. Suec. n.* 2126.

Syst. Nat. p. 111. *n.* 26. *Linn. Gmel. p.* 3217.

Linn. It. Wgoth. t. 5. *f.* 3.

Lister Anim. Angl. t. 5. *f.* 36.

— *Conch. t.* 428. *f.* 269.

Petiver Gaz. t. 79. *f.* 12.

Gualt. Test. t. 91. *f.* D.

Olafs Isl. t. 11. *f.* 7.

Pennant Brit. Zool. 4. t. 41. *f.* 14.

Da Costa Br. Conch. p. 283. *t.* 15. *f.* 1. Ch. truncata.

O. Fabr. Fn. Groenl. p. 404. *n.* 406.

Chemn. Conch. 6. t. 1. *f.* 1, 2.

Encyclop. Method. t. 229. *f.* 2. a. b.

Pulteney in Hutch. Dorset. p. 27. *t.* 3. *f.* 1.

Donovan Brit. Shells, t. 92.

Montagu Test. Brit. p. 32.

Habitat ad littora maris, sub arena.

Testa crassa sordide alba, $1\frac{1}{4}$ vel 2 pollices longa, 3 vel $3\frac{1}{4}$ lata, striis
vel rugis transversis exarata, anterieus convexa rotundata, posterius an-
gustata truncata hiantes.

Cardo constat lobo erecto, ut in sequente. (*Linn.*)

4.

arenaria. M. testa ovata posterius rotundata; cardinis dente an-
trorsum porrecto rotundato denticuloque laterali.

Linn. Fauna Suecica, n. 2125. *Syst. Nat. p.* 1112.

n. 27. *Linn. Gmel. p.* 3218.

Linn. It. Wgoth. p. 187.

Lister Conch. t. 419. f. 263?

Baster Opusc. Subs. t. 7. f. 1. 3.

Lesser Testaceoth. f. 106.

Pennant Brit. Zool. 4. t. 42. f. 16.

Da Costa Brit. Conch. p. 232. Chama arenaria.

O. Fabr. Fn. Groenl. p. 405: n. 407.

Chemn. Conch. 6. p. 3. vign. & t. 1. f. 3, 4.

Pulteney in Hutch. Dorset. t. 4. f. 8.

Encyclop. Method. t. 229. f. 1. a. b.

Donovan Brit. Shells, t. 35.

Montagu Test. Brit. p. 30.

Habitat rarior in mari, sub arena, ex duobus foraminibus in fundo obviis investiganda.

Testa magnitudine ovi anseris, lata crassa ovata, transversè rugosa, coloris castanei, intus alba, posterius hiant.

Cardo valvulæ alterius constat lobo rotundato, cum denticulo laterali postico, alterius ex cavitate subtus elevata. (Linn.)

First noticed as British by Pennant. It has been found in Kent ~~and the Isle of~~ Wight, and on the shores of Southampton river.

5.
declivis. M. testa ovata compressiuscula anticè subtruncata, cardinis dente crasso.

Pennant Brit. Zool. 4. n. 15.

Pulteney in Hutch. Dorset. 27. t. 4. f. 6. M. pubescens.

Donovan Brit. Shells, t. 82.

Montagu Test. Brit. p. 40. M. pubescens.

Habitat in mari.

Testa subdiaphana tenuis fragilis pubescente-scabra.

Dens valvulæ alterutræ semiovalis, cum denticulo convexo.

First dredged up for the Duchess of Portland at Weymouth. (Pennant.)

Mr.

Mr. Montagu informs us that small specimens of the above are not uncommon in Falmouth Harbour, Cornwall; and larger on the Devonshire coast. Mr. Donovan first figured this species.

6.

prætenuis. M. testa ovata planiuscula; cardinis dente cochleariformi.

Petiver Gaz. t. 94. f. 4. Chama prætenuis.

Pulteney in Hutch. Dorset. p. 28. t. 4. f. 7.

Montagu Test. Brit. p. 41. t. 1. f. 2.

Donovan Brit. Shells, t. 176.

Habitat in mari.

Testa alba subpellucida fragilis vix 1 poll. longa, 2 lata.

Umbones acutiusculi, ad medium testæ. Valvulæ posticæ hiantes.

First noticed by Petiver, from Poole. Found on the Dorset coast by Dr. Pulteney.—Not uncommon in Falmouth Harbour, and on the south coast of Devon (Mr. Montagu).

7.

distorta. M. testa subovali, valvulis difformibus, tumidioribus, ~~cardinis dente crasso.~~

Montagu Test. Brit. p. 42. t. 1. f. 1.

Habitat in mari, saxis calcareis innidulans.

Testa alba fragilis pellucida, ¾ poll. longa, 1 poll. lata. Valvulæ distortæ rugosæ sinuosæ neque subtruncatæ ut in præcedente.

Dens latus subtriangularis in singulis valvulis.

Discovered by Mr. Montagu, lodged in limestone at Plymouth, and on the shores of South Devon.

8.

Batava. M. testa subovali, utraque extremitate rotundata.

Ginanni Op. Post. t. 4. f. 17.

Schröt. Flussconch. t. 3. f. 2, 4, & 5.

Chemn. Conch. 6. t. 1. f. 6.

Encyclop. Method. t. 248. f. 3.

Montagu Test. Brit. p. 36.

Donovan Brit. Shells, t. 174. M. Pictorum.

Habitat in fluviis, rarissima.

Testa 1 poll. longa, 1½ lata, colore olivaceo. Cardo ut in M. Pictorum.

Found in the river Kennet, near Newbury, Berks, by Mr. Montagu.

This species has been considered by some authors as *Mya Pictorum*, probably from being made use of by the Dutch to contain gold and silver leaf, ground for painters. It seems to be common in Holland, but is seldom found here. On an accurate examination of Linnæus's description and references, it is evident that the following species, termed *Mya ovalis* by Dr. Solander and others, is the true *M. Pictorum* of the *Systema Naturæ*, since it exactly corresponds with the figures given by Bonanni and Lister. Linnæus appears also to have adopted his trivial name from Bonanni, who says, "*Concha Pictorum dicta non e colore, sed ab usu Pictorum qui colores, argenti aurique pigmenta ut plurimum in ea reponunt.*"

9.

Pictorum. M. testa ovata, cardinis dente primario crenulato, laterali longitudinali, alterius duplicato. Linn. Fauna Suecica, n. 2129. Syst. Nat. 1112. n. 28. Gmel. p. 3218.

Bonanni Recr. 2. f. 40.

Lister Anim. Angl. t. 2. f. 30.

————— *Append. t. 1. f. 4.*

——— *Conch. t. 146. f. 1. 147. f. 3.*

Petiver Gaz. t. 93. f. 9.

Valentyn Mus. t. 14. f. 15.

Ginann. Op. Post. t. 4. f. 16.

Murray

Murray in Amæn. Acad. 8. t. 2. f. 6.

Schröter Flussconch. t. 3. f. 3. & t. 4. f. 6.

Pennant Brit. Zool. 4. t. 43. f. 17.

Da Costa Brit. Conch. p. 228. t. 15. f. 4.

Encyclop. Method. t. 248. f. 4.

Pulteney in Hutch. Dorset. p. 27. t. 12. f. 4. M. ovalis.

Donovan Brit. Shells, t. 89. M. ovalis.

Montagu Test. Brit. p. 31. M. ovalis.

Habitat in fluviis, frequens.

Testa 1½ vel 2 poll. longa, 3 vel 4 lata, epidermide viridescente, oblongo-ovata, magis elongata quam *M. Batava*.

First described and figured as an English species by Lister.

10. *ovata.* M. testa ovata, antrosum angustata.

Lister Anim. Angl. App. f. 6.

— *Conch.* t. 147. f. 2.

Montagu Test. Brit. p. 31. & p. 563.

Donovan Brit. Shells, t. 122. f. 1, 3.

β *Donovan Brit. Shells,* t. 101. & t. 122. f. 2. M. depressa.

Habitat in fluviis.

Testa 1½ poll. longa, 3½ lata, viridescence-brunnea, interdum obsolete radiata, crassiuscula, tumida. Cardo ut in *M. Pictorum*, sed prope extremitatem posteriorem. Extremitas altera acutior, ferè rostrata.

β medio depressa.

First described and figured by Lister.

The difference between this species and *Mya Pictorum* was first pointed out by Lister, by whom both are accurately figured in the same plate, and who observes that they are both found in the same rivers (Ouse, Fosse, and Nid, in Yorkshire), a circumstance which tends to confirm our opinion of their being perfectly distinct

distinct species, as their dissimilarity in shape cannot therefore be imputed to a difference in place of abode. They are also found in the rivers Froome and Avon, Somersetshire, and the New River, near London.

11.

margari- M. testa ovata antice coarctata, cardinis dente prima-
tifera. rio conico; umbonibus decorticatis. *Linn. Fauna Suecica*, 2130. *Syst. Nat.* p. 1112. n. 29. *Linn. Gmel.* p. 3219.

Lister Anim. Angl. App. t. 1. f. 1.

— *Conch. t. 149. f. 4.*

Knorr. Vergn. 4. t. 25. f. 2.

Schröt. Flussconch. t. 4. f. 1.

Pennant Brit. Zool. 4. t. 43. f. 18.

Da Costa Brit. Conch. p. 225. t. 15. f. 3.

Donovan Brit. Shells, t. 73.

Montagu Test. Brit. p. 33.

Habitat in fluviis.

Testa ovali-oblonga, ponderosa, antice retuso-compressa, extus rudis nigricans, 2 vel 2½ pollices longa ad 5¼ lata, umbonibus valde decorticatis. Intus testa albida, matricem perlarum exhibens cicatricibus duabus pro insertione musculorum, valvulis clausis nec hiantibus.

Cardinis dens conicus obtusus porrectus in alterius valvulae dentem latum fissum. (Linn. Fn. Suec.)

First described and figured by Lister. Found in rapid rivers and rocky torrents in the North, in Wales, and in Devonshire.

12.

inaequival- M. testa subtriangulari; umbonibus incurvatis gibbis.

vis. Walker Test. Min. Rar. t. 3. f. 85.

t. 1. f. 6. Encyclop. Method. t. 230. f. 4. a.

Montagu Test. Brit. p. 38.

Habitat in mari.

Testa

Testa vix magnitudine fabæ equinæ, crassa, rudis, sordide alba, transversim striata et rugis antiquata, extremitate altera productiore subtruncata. *Epidermis* subfusca. *Valvulae* inæquales, superior minor. *Cardinis dens* unicus, crassus triangularis in alterius testæ foveola excipitur. *Dentes laterales* nulli.

This shell is but indifferently figured by Walker in his *Testacea, minuta, rariora*. It has been found at Sandwich by Mr. Boys, and on the coasts of Cornwall and Devonshire by Mr. Montagu.

13.

bidentata. *M. testa* subovali compressa, cardinis dentibus antrorsum porrectis, obliquis.

Montagu Test. Brit. pl. 44.

Habitat in mari, testas perforans.

Testa minuta diametro $\frac{1}{4}$ poll. tenuis, sordide alba, lævis. *Cardo* alterius valvulae dentibus duobus latis lamellatis divergentibus, alterius nullis.

Found in Salcombe Bay, Devon (burrowed in old oyster-shells) by Mr. Montagu.

14.

suborbicularis. *M. testa* suborbiculari, valvulae alterius dente primario solitario, alterius duplicato, dentibus lateralibus lamellatis.

Montagu Test. Brit. p. 39.

Habitat in mari, rupes calcareas excavans. Animal *Tethys*.

Testa $\frac{1}{4}$ poll. longa vel paulo major, $\frac{1}{4}$ poll. lata, facie *T. corneae*, sub epidermide brunnea, flavescens-alba, glabra, transversim substriata, intus margaritacea. *Dens lateralis* remotior in valvula alterutra.

A new species discovered by Mr. Montagu in hard limestone, at Plymouth.

SOLEN.

Linn. Syst. Nat. n. 304.

1.

Vagina. S. testa lineari recta, extremitate altera marginata, cardinibus unidentatis. *Linn. Syst. Nat. p. 1113. n. 33.*

Linn. Gmel. p. 3223.

Rumph. Mus. t. 45. f. M.

Gualt. Test. t. 95. f. D.

D'Argenv. Conch. t. 24. f. K.

Lesser Testaceoth. f. 120.

Favanne Conch. t. 55. f. B. 1.

Pennant Brit. Zool. 4. t. 46. f. 21.

Chemn. Conch. 6. t. 4. f. 26—28.

Encyclop. Method. t. 222. f. 1.

Pult. in Hutch. Dorset. p. 28. t. 4. f. 8. S. marginatus.

Donovan Brit. Shells, t. 110. S. marginatus.

Montagu Test. Brit. p. 48.

Habitat in mari, sub arena.

Testa linearis glabra convexa, striis obsoletis ab extremitate truncata longitudinaliter ductis, sed versus rotundatam extremitatem curvatis, desinentibus in suturam cardinis. Superficies externa epidermide decidua tecta, interne glabra magisque rufescens. Extremitas postica crassior, oblique extrorsum truncata; antice vero rotundata. Cardo versus angulum posticum dente unico erecto semiovato. (Linn. Mus. Lud. Ulr. p. 472.)

This shell, the *Solen marginatus* of the Portland Museum, appears (as Dr. Pulteney has remarked) to be a variety of the *S. Vagina*, but can scarcely be considered as a distinct species. *Solen Vagina* has the margin not so broad, hardly discernible on the outside, and is rather longer in proportion to its width; the colour

lour also inclines more to red than ours, which is yellowish.

First noticed by Pennant, from Anglesea. Found at Weymouth by Dr. Pulteney, and near Llaugharne, Caermarthenshire, by Mr. Montagu, but rare.

2.

Siliqua. *S. testa lineari recta, cardine altero bidentato.* Linn.

Fauna Suecica, n. 2131. *Syst. Nat.* p. 1113. n. 34.

Linn. Gmel. p. 3223.

Lister *An. Angl.* t. 5. f. 37. *Conch.* t. 409. f. 255.

Planc. *Conch.* t. 3. f. 6.

Gualt. *Test.* t. 95. f. C.

Knorr *Vergn.* 6. t. 7. f. 1.

Pennant *Brit. Zool.* 4. t. 45. f. 20.

Da Costa *Brit. Conch.* p. 235. t. 17. f. 3.

Chemn. *Conch.* 6. t. 4. f. 29.

Encyclop. Method. f. 2.

Pulteney in *Hutch. Dorset.* p. 28. t. 2. f. 5.

Donovan *Brit. Shells*, t. 45.

Montagu *Test. Brit.* p. 46.

β Lister *Conch.* t. 413. f. inf.

Habitat ad littora sub arenâ.

Testa linearis, extremitate utraque truncata hiantē, 6, 7, 8, pollices lata, 14 pollicis longa, glabra convexa; extus linea ab angulo baseos ad anteriorem angulum apicis ducta: area exteriore livida, longitudinaliter substriata, posteriore pallida, transversim substriata. *Extremitas* utraque truncato-rotundata: postica crassior. *Cardo*, ad angulum posticum: *Dente* unico subulato in altera testa, in altera vero dentibus duobus subulatis parallelis, approximatis, qui inter se excipiunt oppositum dentem. (*Linn. Mus. Lud. Ulr.* p. 473.)

β incurvata.

First noticed by Lister. Common.

3.

Novacula. S. testa lineari recta, cardinibus unidentatis.*Montagu Test. Brit. p. 47.**Habitat in mari.**Testa præcedenti affinis, nec distingui potest nisi cardinis dentibus, qui se invicem complectuntur.*

Found near Llaugharne, Caermarthenshire, by Mr. Montagu.

4.

Ensis. S. testa lineari subarcuata bidentata. *Linn. Syst. Nat. p. 1114. n. 35. Linn. Gmel. p. 3224.**Lister Anim. Angl. App. t. 2. f. 9. — Conch. t. 411. f. 257.**D'Argenv. Conch. t. 24. L.**Favanne Conch. t. 55. f. A. 3.**Pennant Brit. Zool. t. 45. f. 22.**Da Costa Brit. Conch. p. 237.**Chemn. Conch. 6. t. 4. f. 30. & c.**Encyclop. Method. t. 223. f. 2.**Pulteney in Hutch. Dorset. p. 28. t. 4. f. 3**Donovan Brit. Shells, t. 50.**Montagu Test. Brit. p. 48.**Habitat in mari.**Testa ½ poll. longa, 4½ lata, utraque extremitate truncata linearis, parum admodum recurvata versus suturam posticam, tecta extus epidermide decidua, glabra, convexa, in medio transversim, ad latera vero longitudinaliter striata, ita tamen ut area anterior versus basin latior evadat. Intus pallida est. Extremitas utraque rotundata, postica crassiore. Cardo dentibus ut in S. Siligua. (Linn. Mus. Lud. Ulr. p. 473.)*

First figured and described by Lister.

5.

pellucidus. S. testa lineari subarcuato, dente alterius valvulæ bifido.*Pennant Brit. Zool. 4. t. 46. f. 23.**Donovan*

Donovan Brit. Shells, t. 153.

Montagu Test. Brit. p. 49.

Habitat in mari.

Testa $\frac{1}{4}$ poll. longa, 1 poll. lata, tenuis, fragilis. *Epidermis* viridescens.

Cardo paululum remotior ab extremitate quam in præcedente, *dente* unico bifido in altera testa, in altera vero dentibus duobus divergentibus, qui inter se recipiunt oppositum dentem.

First described by Pennant, from Anglesea. Found on the Kentish coast; in Cornwall; and abundantly at Torcross, Devon, by Mr. Montagu.

6.

Legumen. S. testa lineari ovali recta, cardinibus mediis bidentatis, alterius bifido. *Linn. Syst. Nat. p. 1114. n. 35.*

Linn. Gmel. p. 3224.

Lister Conch. t. 420. f. 264.

Planc. Conch. t. 3. f. 5.

Gualt. Test. t. 91. f. A.

Adans. Seneg. t. 19. f. 3.

Born. Mus. t. 2. f. 1. 2.

Pennant Brit. Zool. t. 45. f. 24.

Da Costa Brit. Conch. p. 238.

Chemn. Conch. 6. t. 5. f. 32—34.

Encyclop. Method. t. 225. f. 3.

Pulteney in Hutch. Dorset. t. 4. f. 4.

Donovan Brit. Shells, t. 53.

Montagu Test. Brit. p. 50.

Habitat in mari.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, tenuis, fragilis, alba, sub epidermide lutescente, obsolete striata, utraq̃ue extremitate rotundata hiantē, alterā paululum angustata. *Cardo* versus medium testæ.

First figured by Lister. Found (sparingly) on the Hampshire coast, according to Da Costa; at Llaugharne,

arne, Caermarthenshire, by the Rev. T. Rackett;
and plentifully in Biddeford Bay, Devon, by Mr.
Montagu.

7.
antiquatus. S. testa ovali-oblonga utrinque rotundata, cardine medio
nunc unidentato nunc bidentato.

Adans. Seneg. t. 19. f. 3.

Pennant Brit. Zool. 4. t. 46. f. 25.

Da Costa Brit. Conch. p. 238.

Schröter Flussconch. t. 9. f. 17.

Chemn. Conch. 6. t. 6. f. 45?

Linn. Gmel. p. 3227. S. coarctatus?

Pult. in Hutch. Dorset. p. 23. t. 4. f. 5. ibid. S. fragilis.

Donovan Brit. Shells, t. 114.

Montagu Test. Brit. p. 52. & p. 51. Solen fragilis.

Habitat in mari.

Testa 1 poll. longa, 2 lata, tenuis, subpellucida, albida, sub epidermide flavescens-brunnea, levissime transversaliter substriata, a cardine ad marginem paululum depressa. *Cardo* ad medium testæ. *Valvula* altera dente unico subulato, altera dentibus duobus dissimilibus recurvis.

First noticed by Pennant, who ~~mistook~~ it for *Solen Cultellus* of Linnæus. Perhaps it is *Solen coarctatus* of Gmelin, but of this we are doubtful. Recent observations of Mr. Montagu have determined *Solen fragilis* described by Dr. Pulteney to be *Solen antiquatus* in a different stage of growth.

Found at Weymouth (*Pennant*) by Mr. Bryer. Received from the Hampshire coast by Da Costa. Mr. Montagu has obtained it at Looe, in Cornwall.

8. *vespertinus.*

8.
vespertinus. S. testa ovali-oblonga compressiuscula, cardinis sinistræ valvæ dente solitario, duplici alterius inserto.

Linn. Gmel. p. 3228.

Pennant Brit. Zool. 4. t. 47. f. 27. Tellina depressa.

Chemn. Conch. 6. t. 7. f. 5980. a. b.

Encyclop. Method. t. 228. f. 2.

Pulteney in Hutch. Dorset. p. 29. t. 5. f. 1. T. variabilis.

Donovan Brit. Shells, t. 41. f. 2. T. variabilis.

Montagu Test. Brit. p. 54.

Habitat in mari.

Testa ad 1½ poll. longa, fere 2½ lata, alba radiis roseis vel purpurascens, a cardine ad marginem divergentibus, transversim striata, intus purpurascens, crassiuscula, lævis.

First figured by Pennant. Found on the Dorset and Devon coasts.

9.
minutus. S. testa ovali, valvularum angulis utrisque serratis. *Linn.*

Syst. Nat. p. 1115. n. 42. Linn. Gmel. p. 3226.

Montagu Test. Brit. p. 53. t. 1. f. 4.

Habitat intra rupes maritimas calcæreas.

Testa ½ poll. longa, ¼ poll. lata, ovalis, striata, apice truncata. Carinæ a cardine versus apicem divergentes, acutæ, serrato-dentatæ. (Linn.)

First noticed as British by Mr. Montagu, who found it burrowed in limestone at Plymouth.

Otho Fabricius, in his *Fauna Groenlandica*, supposes the *Solen minutus* and *Mya arctica* of Linnæus to be the same shell; but he describes the latter as adhering to the roots of *Algæ*, which does not correspond with the habits of the former. The figures in *Chemn. Conch. 6. t. 6. f. 51. 52. & Lister Conch. t. 426. f. 267.* represent a larger specimen than ours.

10. *squamosus*.

10. *squamosus*. S. testa suborbiculari, cardinis dentibus duobus bifidis, ab umbone divergentibus.

Montagu Test. Brit. p. 565.

Habitat in mari.

Testa 4 poll. longa, 4 lata, tenuis, plana, pellucida, alba, rugis obsoletis concentricis, minutissime punctata, quasi saginata; *intus* alba, lævis glaberrima; striis nonnullis obsoletis ab umbone radiantibus. *Umbo* parvus centralis. *Dentes* erecti, sulco in duas laminas divisi. (*Montagu.*)

This species has been found only by Mr. Montagu, in Salcombe Bay, Devon.

11. *Pinna*. S. testa depresso-subovata, valvulis ad cardinem rectis. *Montagu Test. Brit. p. 566. t. 15. f. 3.*

Habitat in mari.

Testa 4 poll. longa, 4 lata, tenuis, fragilis, pellucida, alba, depressa, rugis densis concentricis. *Valvula* altera paululum concava, altera convexior. *Umbo* parvus prope extremitatem. *Margo* semicircularis. *Cardinis* dens valvulae utriusque obtusus.

A new species, discovered by Mr. Montagu at Torcross, Devon.

TELLINA

Linn. Syst. Nat. n. 305.

• *Ovatæ crassiuscula.*

1. *maculata*. T. testa subovata crassiuscula, decussatim striata, maculis irregularibus. *Adams in Act. Soc. Linn. 3. p. 252.*
Found at Tenby, South Wales.

The above species is inserted in our British catalogue on the authority of the late Mr. Adams; but it has never fallen under our own notice.

2. *Ferröensis.*

2.

Ferröen- T. testa oblongo-ovata, subtiliter transversim striata, car-
sis. dinis dentibus lateralibus nullis. *Linn. Gm. p. 3235.*

Lister Anim. Angl. App. t. 1. f. 8. Conch. t. 394. f. 241.

Petiver Gaz. t. 94. f. 9.

Pennant Brit. Zool. t. 47. f. 31.

Da Costa Brit. Conch. 209. t. 14. f. 1. T. radiata.

Born. Mus. t. 2. f. 5. T. angulata.

Chemn. Conch. 6. t. 10. f. 91.

Linn. Gmel. p. 3231. T. Bornii.

Encyclop. Method. t. 227. f. 5?

Pulteney in Hutch. Dorset. p. 29. t. 6. f. 1.

Donovan Brit. Shells, t. 60. T. trifasciata.

Montagu Test. Brit. p. 55.

Habitat in mari, rarior.

Testa $\frac{3}{4}$ poll. longa, $1\frac{1}{4}$ lata, albescens, radiis rubris fasciculatis a cardine ad marginem, anticè productior oblique truncata. *Valvulae* a cardine leviter carinatae, striis transversis versus marginem anteriorem in angulum deflexis. *Cardinis Dentes* duo obliqui in valvulis ambabus.

Testa T. Gari maxime affinis.

First figured by Lister, who found it at Scarborough, in Yorkshire. Found also on the western coast.

We may here observe, that Lister's figure and description in the *App. An. Angl.* are referred to by Linnæus, both in his *Fauna Suecica* and *Systema Naturæ*, for *T. trifasciata*, and also *T. incarnata*; but Lister's shell does not accord with the specific characters of either. Gmelin has retained Linnæus's errors, and makes a distinct species of Born's *T. angulata*, under the name of *T. Bornii*. It is not *T. angulata* of Linnæus, but is evidently the same with *T. Ferröensis*, above described.

3.

inaequi- T. testa oblongo-rostrata, valvula altera plana. *Linn.*
valvis. *Syst. Nat. p. 1118. n. 56. Linn. Gmel. p. 3233.*

Chemn. Conch. 6. t. 11. f. 106. a. b. c. d?

Donovan Brit. Shells, t. 41. f. 1.

Montagu Test. Brit. p. 73.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, 1 poll. lata, lactea, lævis, pellucida. *Sutura dorsalis* recta, excurrens in rostrum obtusum patulum. *Valvula* altera plana, altera convexa. *Cardo* dentibus duobus, absque lateralibus.

First described as British by Mr. Donovan. Small ones are found on the Kentish coast.

4.

donacina. T. testa ovata, compresso-planiuscula, læviuscula, ant.
t. 1. f. 7. terius obtusissima. *Linn. Syst. Nat. p. 1118. n. 59.*

Linn. Gmel. p. 3234.

Gualt. Test. t. 88. f. N.

Pennant Brit. Zool, n. 33?

Pulteney in Hutch. Dorset. p. 29. t. 12. f. 3. b.

Montagu Test. Brit. p. 58.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, vel paululum major, 1 poll. lata, lævis, glabra, semipellucida, colore albo-lutescente, radiis plurimis rubris, ab umbonibus ad marginem, minutissime transversim striata, sulcis vel rugis 2 vel 3 obsoletis: facie *Donacis*. *Cardo* versus extremitatem, in altera valvula dentibus duobus, primario bifido; in altera dente unico.

First found near Sandwich, in Kent, by Mr. Boys. It has since been observed at Weymouth by Dr. Pulteney, and on the Cornish and Devonshire coasts by Mr. Montagu.

5.

purpurea. T. testa ovali-plana, æquilatera, densissime transversim
 striata. *Linn. Gmel. p. 3239.*

Born Mus. t. 2. f. 8.

Pulteney in Hutch. Dorset. p. 29. t. 7. f. 5. T. læta.

Donovan Brit. Shells, t. 123. T. inæquistriata.

Montagu Test. Brit. p. 57. T. læta.

Habitat in mari, rarior.

Testa $\frac{3}{4}$ poll. longa, $1\frac{1}{4}$ lata, depressa, delicatissime striata, colore rosaceo vel flavescente-albo, fasciis candidis, intus glaberrima punicea. *Umbones* acuti. *Cardo* in medio *testæ*. *Dentes* tres; *lateralis* remotior obsoletus.

First described as British by Dr. Pulteney. Found between Weymouth and Portland, Dorset, by Mr. Bryer.

We have substituted Gmelin's name of *T. punicea* for Dr. Pulteney's *T. læta*, as his edition of the *Systema Naturæ* is in general use, and was prior to the publication of the Dorsetshire Catalogue. This rule we have generally observed in the following pages. The name of *T. læta* was first given to this species by Dr. Solander, in a description of *Testacea* in the Portland Museum, but which he left unfinished, and which was never printed.

6.

depressa. T. testa inæquilatera, depressa, minutissime striata. Linn.

Gmel. p. 3238.

Gualt. Test. t. 88. f. L.

Chemn. Conch. 6. t. 10. f. 96.

Pulteney in Hutch. Dorset. p. 29. t. 5. f. 2. T. squalida.

Montagu Test. Brit. p. 56. T. squalida.

Donovan Brit. Shells, t. 163.

Habitat in mari, rarior.

Testa 1 poll. longa, $1\frac{1}{4}$ lata, tenuis, subdiaphana, subflava seu rubescens, antèrius productior, angulata, acutiuscula; posterius rotundata, subtilissima

tilissimè transversim striata. Umbones acuti. Cardinis dentes in valvula altera duo, in altera tres; unus remotior.

First noticed as British by Dr. Pulteney, who found it sparingly on the North shore, near Poole, and at Weymouth, Dorset. Found in Cornwall and Devonshire, by Mr. Montagu; and at Tenby, Pembrokeshire, by Mr. Donovan.

This species, called by Dr. Solander *T. squalida*, and commonly known to British collectors by that name, is evidently *T. depressa* of Gmelin, which appellation we have retained for the reasons before stated.

7.
Fabula. *T. testa ovata compressa inflexa, antèrius substriata, valva altera lævi, altera oblique substriata, striis reflexis. Linn. Gmel. p. 3239.*

Gronov. Zooph. t. 18. f. 9.

Pulteney in Hutch. Dorset. p. 54. t. 12. f. 3. & f. 3. a.

T. discors.

Donovan Brit. Shells, t. 97.

Montagu Test. Brit. p. 61.

Habitat in mari, rarior.

Testa $\frac{1}{8}$ poll. longa, $\frac{1}{8}$ lata, tenuis, glabra, alba seu subflava. *Tellinæ depressæ* simillima, sed vix dimidiam magnitudinem æquans, striis in valvulam sinistram vix nisi oculo armato aspiciendis. *Cardinis dentes* tres in valvula sinistra, duo in altera.

First noticed by Mr. Boys, who found it at Sandwich. It has been seen also near Tenby, S. Wales, and at Kingsbridge, Devon, by Mr. Montagu; and on Studland beach, I. of Purbeck, Dorset, by the Rev. T. Rackett.

8.
tenuis. *T. testa subtriangulâri-planiuscula tenerrima. Lister Conch.. t. 404. f. 251.*

Petiver

Petiver Gaz. t. 94. f. 5.

Pennant Brit. Zool. 4. t. 48. f. 29. T. planata.

Da Costa Brit. Conch. p. 210.

Chemn. Conch. 6. t. 11. f. 101?

Pulteney in Hutch. Dorset. p. 29. t. 5. f. 3. T. polita.

Donovan Brit. Shells, t. 19. fig. tres inf.

Montagu Test. Brit. p. 59.

Habitat in mari, frequens.

Testa $\frac{1}{2}$ poll. longa, $\frac{3}{4}$ lata, tenuis, fragillima, depressa, glabra, subtilissimè transversim striata, antèrius subangulata, colore rubro, vel incarnato, albo vel flavo, fasciis pallidioribus concentricis variegata. *Cardo* dente unico laterali, valvulæ alterius.

First-figured by Lister. Common on most of our shores.

9.

striata. T. testa inæquilatera utrinque rotundata ex roseo-alba pellucida. Linn. Gmel. p. 3238.

Gualt. test. t. 89. f. C.

Chemn. Conch. 6. t. 12. f. 117.

Montagu Test. Brit. p. 60.

Habitat in mari.

Testa 1 poll. longa, $\frac{3}{4}$ lata, glabra, striis minutissimis concentricis, intus rosacea. *Cardinis dentes* duo, cum lateralibus remotis lamellatis. Noscitur a *T. tenui* striis transversis regularibus, et dentibus crassis lateralibus. (*Montagu.*)

Found only by Mr. Bryer, between Weymouth and Portland, Dorset.

10.

*** suborbiculatæ.

fausta. T. testa suborbiculata, striis transversis minutissimis ob-
t. 1. f. 8. soletis.

Lister Conch. t. 266. f. 102?

Born Mus. t. 2. f. 11.

Chemn. Conch. 6. t. 12. f. 112. bene.

Pulteney in Hutch. Dorset. p. 29. t. 5. f. 5.

Montagu Test. Brit. p. 64.

Donovan Brit. Shells, t. 98.

Habitat in mari.

Testa 1 poll. longa, 1½ lata, crassiuscula, lactea, subdiaphana, lævis, depressior, marginibus utrinque rotundatis, intus glaberrima flavescens.

Umbones acutiusculi. *Cardinis dens* primarius bifidus; dens lateralis valvulæ dextræ remotior et solidior.

First described as British by Dr. Pulteney, who says it is found at Weymouth, Dorset.

Gmelin has referred to the above figures in Born and Chemnitz for *T. Remies* of Linnæus; but our shell does not sufficiently agree with his description, as it cannot be said to be rugose.

11.

reticulata. *T. testa* lentiformi compressa reticulata. *Linn. Syst.* t. 1. f. 9. *Nat.* p. 1119. n. 63. *Linn. Gmel.* p. 3240.

Rumph. Mus. t. 49. f. En

Chemn. Conch. 6. t. 12. f. 118. bene.

Pulteney in Hutch. Dorset. p. 29. t. 5. f. 4. *T. proficua.*

Montagu Test. Brit. p. 67. *T. proficua.*

Habitat in mari, rarissima.

Testa diametro 1 poll. vel magis, alba, compressa, striis transversis elatioribus, minus approximatis, interstitiis numerosissime longitudinaliter striatis, striis lynceis tantum oculis conspiciendis; intus flavescens.

Cardo fossula magna lineari juxta dentes laterales.

First described as British by Dr. Pulteney, who found it on the N. Shore, Poole, and at Weymouth, Dorset.

12.

Radula. *T. testa* lentiformi, convexa, transversim striata, margine anteriore juxta cardinem rectiuscula.

Petiver Gaz. t. 93. f. 18. benè.

Favanne

Favanne Conch. t. 48. f. 3.

Donovan Brit. Shells, t. 130. benè. V. borealis.

Montagu Test. Brit. p. 68. t. 2. f. 1, 2. benè.

Habitat in mari.

Testa diametro $1\frac{1}{4}$ poll. ferè orbicularis, alba, vix pellucida, striis concentricis numerosis distinctissimis elatioribus recurvis, intus cretacea. *Margo* integerrimus, intus striis membranaceis longitudinalibus confertis. *Umbones* acuti, paululum prominentes. Differt a *T. reticulata* quod magis orbicularis et caret striis longitudinalibus.

First figured by Petiver, who calls it "Thread-girdled White Cockle." It has been found plentifully in Cornwall and Devonshire; and less frequently at Llaugharne, Caermarthenshire, by Mr. Montagu.

13.
crassa.

T. testa subrotunda depressa, sulcis transversalibus numerosissimis.

Lister Conch. t. 299. f. 136.

Pennant Brit. Zool. 4. t. 48. f. 28.

Da Costa Brit. Conch. p. 194. t. 13. f. 4. dextra. Pect. depressior.

Linn. Gmel. p. 3288. Venus crassa.

Pulteney in Hutch. Dorset. p. 30. t. 7. f. 4. T. rigida.

Montagu Test. Brit. p. 65.

Donovan Brit. Shells, t. 103. T. rigida.

Habitat in mari.

Testa $1\frac{1}{2}$ poll. longa, 2 lata, colore subalbido, interdum fasciis rosaceis, sulcis delicatissimis exarata. *Cardo* utriusque valvulae dentibus duobus (altero bifido); valvula altera convexior, dentibus lateralibus duobus.

First figured and described by Pennant. Found on the Cornish coast, by Da Costa; at Weymouth, Dorset, by Dr. Pulteney; and on the Devonshire coast, by Mr. Montagu.

Gmelin

Gmelin (who appears to have described too many species merely from figures) has placed this shell as a *Venus*,—an error to which he was led by indulging a conjecture only on Lister's plate, where the hinge is not represented.

14.
lactea. T. testa lentiformi gibba alba pellucida lævi. *Linn. Syst. Nat.* p. 1119. n. 69. *Linn. Gmel.* p. 3240.
Gualt. Test. t. 71. f. D.

Chemn. Conch. 6. t. 13. f. 125.

Pulteney in Hutch. Dorset. p. 30. t. 5. f. 9.

Montagu Test. Brit. p. 70. t. 2. f. 4.

Habitat in mari, rarior.

Testa diametro $\frac{3}{4}$ poll., alba, convexa, obsolete transversim striata, rugis nonnullis antiquata. *Cardo* in altera valvula constat dentibus duobus, in altera dente unico. Distinguitur a cæteris quod sulcus ab umbone versus suturam decurrit.

First described by Dr. Pulteney. It is found on various parts of the coast, but not common.

15.
rotunda- T. testa subconvexa orbiculari, valvulis bidentatis, dente
ta. altero bifido, altero divergente.

Pulteney in Hutch. Dorset. p. 30. t. 5. f. 8. T. undata.

Montagu Test. Brit. p. 71. t. 2. f. 3.

Habitat in mari.

Testa interdum diametro 1 poll., subdiaphana, candida, striis transversis ferè obsoletis; intus glaberrima, candida, cicatrice nulla. *Umbones* recurvi, prominuli. *Testa V. undatæ* affinis, umbone vero minus producto, et dentibus duobus tantum.

Found at Poole, Dorset; and on the Cornish and Devonshire coasts.

16.
flexuosa. T. testa subgloboso-tenerrima, sinu ab umbone ad marginem decurrente.

Donovan

Donovan Brit. Shells, t. 42. f. 2. V. sinuosa.

Montagu Test. Brit. p. 72.

Habitat in mari.

Testa diametro vix $\frac{1}{2}$ poll. nivea, fragilis, rugosa. Margo plica seu sinu impressus. Cardinis dens obsoletus.

First discovered in Cornwall, by Mr. Montagu; not uncommon on the South coast of Devon.

17.

carnaria. T. testa suborbiculata, lævi, utrinque incarnata, oblique striata, striis hinc reflexis. Linn. Syst. Nat. p. 1119. n. 66. Linn. Gmel. p. 3240.

Lister Conch. t. 339. f. 176.

Born Test. t. 2. f. 14.

Da Costa Brit. Conch. p. 181. Card. carneosum.

Chemn. Conch. 6. t. 13. f. 126.

Pulteney in Hutch. Dorset. p. 30. t. 5. f. 6.

Donovan Brit. Shells, t. 47.

Montagu Test. Brit. p. 73.

Habitat in mari.

Testa diametro ferè 1 poll., colore rosaceo, fasciis transversis albis apicibusque roseis, parum convexa, subtilissime striata. Area antica constat striis obliquis a margine anteriore; postica striis transversis, undulatis; intermedia striis obliquis ab umbone versus anteriorem partem. Cardo dentibus congenerum.

First noticed by Da Costa, from Yorkshire, Devonshire, and Cornwall, where it is not now to be found. Dr. Pulteney notes it from Poole. It is perhaps thrown on our shores only accidentally.

18.

bimaculata. T. testa triangulo-subrotunda, latiore, lævi, albida; intus maculis duabus sanguineis subrotundis. Linn. Fn. Suec. n. 2135. Syst. Nat. p. 1120. n. 67. Linn. Gmel. p. 3240.

Da Costa Brit. Conch. p. 213.

Chemn. Conch. 6. t. 13. f. 127, & 132.

Pulteney in Hutch. Dorset. p. 30. t. 5. f. 7.

Donovan Brit. Shells, t. 19. f. 1, 2.

Montagu Test. Brit. p. 69.

Habitat in mari, rarior.

Testa magnitudine unguis extimi pollicis, alba, subdiaphana, maculis internis parum pellucidibus, interdum radiis purpurascens, minutissime transversim obsolete striata. *Cardinis Dens primarius duplex*, in medio testæ, satis manifestus.

First noticed by Da Costa, from the coasts of Hampshire and Lancashire. Dr. Pulteney and Mr. Bryer procured it from the Dorsetshire coast, near Weymouth.

19.
solidula. *T. testa* subglobosa, anterieus subangulata.
Bonanni Recr. 2. f. 44. Mus. Kirch. 2. f. 43.
Lister Anim. Angl. t. 4. f. 25. — Conch. t. 405. f. 250.
Petiver Gaz. t. 94. f. 6.
Pennant Brit. Zool. 4. t. 49. f. 32. T. carnaria.
Da Costa Brit. Conch. p. 211. t. 12. f. 4. T. rubra.
Favanne Conch. t. 49. f. B. 5?
Pulteney in Hutch. Dorset. p. 29. t. 8. f. 4.
Montagu Test. Brit. p. 63.
Habitat in mari, frequens.
Testa diametro fere 1 poll. solida, valde convexa, lævis, fasciis concentricis rubris, luteis, albidis variegata; intus glaberrima, rubra, alba, vel lutea.
Cardo constat dentibus duobus parvis in alterutra valvula.

Common on many of our shores, buried 4 or 5 inches beneath the surface.

First figured and described as British by Lister. Pennant mistook this species for *T. carnaria* of Linnaeus. Gmelin has referred to figures of it for varieties
of

of *T. incarnata*; but it neither corresponds with Linnaeus's description "*compresso-planiuscula*;" nor will it fall into the subdivision where he has placed that shell.

20.
cornea. *T. testa globosa, glabra, colore corneo, sulco transversali.* Linn. *Fauna Suecica*, n. 2138. *Syst. Nat.* p. 1120. n. 72. Linn. *Gmel.* p. 3241.
Lister Anim. Angl. t. 2. f. 31. *App. t.* 1. f. 5.
— *Conch.* t. 159. f. 14.
Gualt. Test. t. 7. f. C.
D'Argenv. Conch. t. 31. f. 9.
Pennant Brit. Zool. 4. t. 49. f. 36.
Da Costa Brit. Conch. p. 173. t. 13. f. 2. *Cardium Nux.*
Muller Verm. p. 202. *T. rivalis.*
Chemn. Conch. 6. t. 13. f. 133. a. b.
Maton in Act. Soc. Linn. 3. t. 13. f. 39, 40.
Pulteney in Hutch. Dorset. p. 31. t. 7. f. 2.
Donovan Brit. Shells, t. 95.
Montagu Test. Brit. p. 86. *Cardium corneum.*
β *Lister Anim. Angl. App.* p. 22.
Pulteney in Hutch. Dorset. p. 31. *C. amnicum.*
Habitat in rivis et paludibus copiosissima. *Incola vivipara.*
Testa magnitudine seminis pisi majoris, sub epidermide cornei coloris, subglobosa, lævis, valde gibba, latior transversim quam a cardinibus antrosum, uno sulco striave transversali, intus cærulescens.
Varietas β duplo major absque sulco transversali.

First noticed by Lister, who also mentions the variety, which is Dr. Pulteney's *C. amnicum*. Common in rivers and ponds.

21.

lacustris. *T. testa rhombea planiuscula glabra, umbone acuto.**Linn. Gmel. p. 3242.**Muller Verm. p. 204. n. 388.**Chemn. Conch. 6. t. 13. f. 135.**Schröt. Flussconch. p. 191. n. 12.**Montagu Test. Brit. p. 89. Cardium lacustre.**Habitat in rivis. Incola vivipara.**Testa* $\frac{1}{2}$ *poll. longa, $\frac{1}{2}$ lata, glabra, tenuis, pellucida, cornei coloris, sub epidermide fusca. Valvulae versus marginem complanatae seu depressae.**Umbones valde prominentes. Cardo dente primario simplici in altera valvula, in altera bifido, cum dentibus lateralibus in alterutra valvula.**Distinguitur a T. cornea, quod subrhombea, umbones productiones, margo compressus.*

Discovered by Mr. Swainson, in a river near Bulstrode. Found by Mr. Montagu near Hatch, Devon; in the Avon at Lackham; and at Wedhampton, Wilts.

22.

*amnica.**T. testa oblique subovata, transversim sulcata.**Gualt. Test. t. 7. f. C. C.**Chemn. Conch. 6. t. 13. f. 134.**Muller Verm. p. 205. n. 389.**Linn. Gmel. p. 3242.**Maton in Act. Soc. Linn. 3. p. 44. t. 13. f. 37, 38. T. rivalis.**Donovan Brit. Shells, t. 64. f. 2. T. rivalis.**Pulteney in Hutch. Dorset. t. 7. f. 2. a.**Montagu Test. Brit. p. 86. Cardium amnicum.**Habitat in rivis, rarior. Incola vivipara.**Testa* $\frac{1}{2}$ *poll. longa, $\frac{1}{2}$ lata, coloris cornei, rudis, sulcis latioribus, anterieus planiuscula, cardinis dentibus durioribus prominulis. Differt a T. cornea, quod umbones acutiores, et cardo versus extremitatem nec ad medium testae. (Maton.)*

First

First distinguished as British by Dr. Maton, in the 3d Vol. of the Linnean Transactions. Found in the rivers N. and S. Avon, Wilts, the Stour, and the Wareham river, Dorset.

CARDIUM.

Linn. Syst. Nat. n. 306.

1.

medium. C. testa subcordata, subangulata, valvulis angulatis, sulcatis, lævibus. *Linn. Syst. Nat. p. 1122. n. 77.*
M. L. U. p. 485. Linn. Gmel. p. 3246.

Lister Conch. t. 316. f. 153.

Gualt. Test. t. 85. f. B.

Chemn. Conch. 6. t. 16. f. 162, 164.

Donovan. Test. Brit. t. 32. f. 1.

Montagu Test. Brit. p. 83.

Habitat in mari.

Testa diametro 1 poll. alba, maculis spadiceis aut fuscis variata, costis plurimis cum intermediis sulcis lævibus, valvulis altero latere quasi truncatis, medio tamen prominentibus. *Cardinis dens primarius unicus.*

First figured by Mr. Donovan. Found at Hartlepoole, Durham, by the Rev. T. Rackett.

2.

exiguum. C. testa subcordata, subangulata, sulcis recurvato-imbricatis.

Lister Conch. t. 317. f. 154.

Walker Test. Min. Rar. f. 83.

Linn. Gmel. p. 3255.

Donovan Brit. Shells, t. 32. f. 3. C. pygmæum.

Pulteney in Hutch. Dorset. t. 2. f. 11.

Montagu Test. Brit. p. 82.

Habitat in mari.

Testa

Testa diametro $\frac{1}{4}$ poll. vel paululum major, alba vel ochracea, intus candida, costis 20 tuberculatis, interstitiis dense transversim striatis.

First found by Mr. Boys, at Sandwich; and figured by Walker. Found also in Falmouth Harbour, by Dr. Maton.

3.

aculeatum. C. testa subcordata, sulcis convexis linea exaratis, exterius aculeato-ciliatis. *Linn. Syst. Nat.* p. 1122. n. 78. *Linn. Gmel.* p. 3247.

Gualt. Test. t. 72. f. A.

Seba Mus. 3. t. 86. f. 4.

Favanne Conch. t. 52. A.

Pennant Brit. Zool. 4. t. 50. f. 37.

Da Costa Brit. Conch. p. 175.

Chemn. Conch. 6. t. 15. f. 155—157.

Donovan Brit. Shells, t. 6.

Montagu Test. Brit. p. 77.

Habitat in mari.

Testa cordata, postice magis gibba, convexa, sulcata: sulcis obtusis, plurimis, exaratis, distantibus, versus marginem exteriorem repando-dentatum; *dentibus* acutis, distantibus, compressis. *Color* extus rufescens, intus albicans, sulcis plurimis. *Rima* ovato-oblonga, hians. *Cardinis dentes primores* in altera valvula duo, in altera vero unus; altero minore, *marginalis* utrinque unus compressus, ad angulum rectum formatus. (*Linn. Mus. Lud. Ulr.* p. 485.)

First figured by Pennant, who says it is found off the Hebrides and Orkneys. Mr. Montagu has found it on the Devonshire coast.

4.

spinosum. C. testa oblique subcordata, hinc truncata, sulcis eminentioribus spinoso-aculeatis.

Sowerby Brit. Miscel. p. 65. t. 32.

Habitat in mari.

Testa

Testa similis *C. aculeato*, sed tenuior, magis truncata. *Spinæ* compressæ, acutæ, altero testæ latere versus cardinem, altero è cardine flexæ.
(Sowerby.)

This species was first noticed by Mr. Sowerby, on whose authority it is here given, and who received it from the coast of Devonshire.

5.
echina-
tum. *C. testa* subcordata, sulcis exaratis, linea ciliata, aculeis inflexis plurimis. *Linn. Fauna Suecica*, n. 2139. *Syst. Nat.* p. 1122. n. 79. *Linn. Gmel.* p. 3247.
Lister Anim. Angl. t. 5. f. 33. — *Conch.* t. 324. f. 161.
Seba Mus. 3. t. 86. f. 3.
Gualt. Test. t. 72. f. B.
Murray in Amœn. Acad. t. 2. f. 19.
Muller Zool. Dan. p. 46. t. 13. f. 12.—t 14. f. 1—4.
Pennant Brit. Zool. n. 28.
Da Costa Brit. Conch. p. 176. t. 14. f. 2.
Favanne Conch. t. 52. f. C. 2.
Chem. Conch. 6. t. 15. f. 158
Pulteney in Hutch. Dorset. p. 30. t. 6. f. 2.
Donovan Brit. Shells, t. 107. f. 1.
Montagu Test. Brit. p. 78.

Habitat in mari, frequens.

Testa cordata, umbonibus gibba, exarata, sulcis 19 distantibus, elevatis, acuto-carinatis, ciliatis, spinis parvis, sæpius 12, erectis, subulatis, interstitiis sulcorum transversim striatis, at non in medio testæ. *Margo* dentibus obtusis alternis erectioribus; alternis interioribus apice a se invicem separatis; intus alba est, uti extus sulcata. *Cardinis dentes primores* bini recurvi, altero minore, marginis utrinque solitarius, compressus, fossula distinctus. (*Linn. Mus. Lud. Ukr.* p. 496.)

First noticed by Lister.

6. *ciliare.*

6.
ciliare. C. testa subcordata, sulcis elevatis triquetris, extimis
 aculeato-ciliatis. *Linn. Syst. Nat.* p. 1122. n. 80.
Linn. Gmel. p. 3243.
Lister Conch. t. 325. f. 162.
Gualt. Test. t. 72. f. C.
Pennant Brit. Zool. 4. t. 50. f. 39.
Da Costa Brit. Conch. p. 177. C. parvum.
Pulteney in Hutch. Dorset. p. 31. t. 4. f. 1.
Donovan Brit. Shells, t. 32. f. 2.
Montagu Test. Brit. p. 79.
Habitat in mari, rarior.
Testa diametro $\frac{1}{4}$ poll. tenuis, nivea; Sulci triquetri, latere scilicet altero
 adnato. (*Linn.*)
 Found on the Dorset coast, by Dr. Pulteney; and
 in Cornwall and Devonshire, by Mr. Montagu; but
 rare. It has been brought also from the Orkneys.

7.
tubercu- C. testa subcordata, sulcis obtusis, nodosis, transversim
latum. striatis. *Linn. Syst. Nat.* p. 1122. n. 81. *Linn. Gmel.*
 p. 3248.
Bonann. Recr. 2. f. 100.
Rumph. Mus. t. 48. f. 11.
Seba Mus. 3. t. 86. f. 7.
Pulteney in Hutch. Dorset. p. 31. t. 2. f. 2.
Donovan Brit. Shells, t. 107. f. 2.
Montagu Test. Brit. p. 79. & p. 568.
Habitat in pelago.
Testa magnitudine et figura C. ~~subnoti~~, ~~sulcata~~, sulcis plurimis remotis
 obtusis, una cum interstitiis transversim striatis, versus latera et eorum
 extrema nodis aliquot obtusis. *Margo* dentatus, dentibus anteriori-
 bus cum exterioribus cohærentibus. *Color* albidus, fasciis aliquot luteo-
 fuscis.

Testa

Testa simillima *C. echinato*, fere omnibus etiã rima, cardine, dentibus, diversa tantum colore, striis, aculeis. (*Linn. Mus. Lud. Ulr. p. 486.*)

First noticed by Dr. Pulteney on the Dorset coast; found by Mr. Montagu at the mouth of the Ex, Devon. The specimens we have seen are stronger, thicker, and larger than *C. echinatum*.

8.

lævigatum. *C. testa* obovata, striis obsoletis longitudinalibus. *Linn. Syst. Nat. p. 1123. n. 88. M. L. U. p. 490. Linn. Gmel. p. 3251.*

Lister Anim. Angl. t. 5. f. 32. — Conch. t. 332. f. 169.

Petiver Gaz. t. 93. f. 10.

Pennant Brit. Zool. 4. t. 51. f. 40. C. lævigatum.

Da Costa Brit. Conch. p. 178. t. 13. f. 6.

Chemn. Conch. 6. t. 18. f. 189.

Linn. Gmel. p. 3255. C. fluviatile.

Pulteney in Hutch. Dorset. p. 31. t. 7. f. 6.

Donovan Brit. Shells, t. 54. C. lævigatum.

Montagu Test. Brit. p. 80.

Habitas in mari, frequens...

Testa interdum diametro 2 poll. sub epidermide rufescente-brunnea, lutescente- vel rufescente-alba, solida, rugis striisque nonnullis transversis.

Margo intus crenatus. Testæ juniores glaberrimæ, colore rosaceo variegatæ.

This species was first noticed by Lister. Gmelin has referred to that author's figure for an erroneously constituted species, which he calls *Cardium fluviatile*.

9.

edule. *C. testa* antiquata, sulcis 26 obsolete recurvato-imbri-
catis. *Linn. Fauna Suecica, n. 2141. Syst. Nat. p. 1124.*
n. 90. Linn. Gmel. p. 3252.

Lister Anim. Angl. t. 5. f. 34. — Conch. t. 334. f. 171.

Gualt. Test. t. 71. F.

Knorr Vergn. 6. t. 8. f. 4.

Pennant Brit. Zool. 4. t. 50. f. 41. C. edule.

Da Costa Brit. Conch. p. 180. t. 11. f. 1.

Chemn. Conch. 6. t. 19. f. 194.

Pulteney in Hutch. Dorset. p. 30. t. 11. f. 1.

Donovan Brit. Shells, t. 124. f. 2. C. rusticum.

Montagu Test. Brit. p. 76. C. edule.

Habitat in sinibus sub arena, vulgaris.

Testa magnitudine nucis juglandis, crassa, sub epidermide nigricante, lutescente-alba, rugis duobus tribusve transversis. *Sulci* longitudinales circiter 26, interjecto spatio vix striato. Hi sulci in umbonibus læves, versus marginem imbricato-rugosi, versus marginem profunde insculpti. *Testa* intus alba, lævis, antice violaceo-brunnea.

A variety, much larger, from the shores of Essex, is called the Ross Cockle. This is figured by Mr. Donovan for *Cardium rusticum*.

10.
rubrum. C. testa rotundata, convexa, cardinis dentibus primariis fere obsoletis, lateralibus manifestis.

Montagu Test. Brit. p. 9.

Walker Test. Min. Rar. n. 86?

Habitat in mari.

Testa minuta $\frac{1}{4}$ poll. lata, glabra, lævis, pellucida, rubra, utrinque rotundata; intus glabra, rubra, margine integerrimo. (*Montagu.*)

From the Kentish coast. (*Walker.*) Found at Falmouth, and Kingsbridge, Devon, by Mr. Montagu.

11.
nodosum. C. testa rotundata, compressa, costis 24, tuberculis numerosis, obtusis.

Montagu Test. Brit. p. 81.

Habitat in mari, rarior.

Testa diametro $\frac{1}{4}$ poll. rufescente-alba, minus convexa, costis minus acutis,

tis, tuberculis obtusioribus et distantioribus quam in testa juniore *C. echinati*. (Montagu.)

Discovered at Falmouth, in Cornwall, by Mr. Montagu.

12.
arcuatum. C. testa orbiculari, transverse arcuatim striata. Montagu Test. Brit. p. 85. t. 3. f. 2.

Habitat in mari.

Testa *Tellinæ divaricatæ* affinis, diametro vix $\frac{1}{4}$ poll. tenuis, fragilis, semipellucida, alba, sed non glabra, subtilissimè striata, rugis nonnullis concentricis. Umbones centrales, acuti.

For the discovery of this elegant species we are indebted to Mr. Montagu; he describes it as rare in Falmouth Harbour.

13.
discors. C. testa suborbiculari, maximè convexa, valvulis obliquè striatis. Montagu Test. Brit. p. 84.

Linn. Gmel. p. 3241? T. pisiformis.

Habitat in mari.

Testa magnitudine pisi, glabra, alba, striis obliquis (vix oculo nudo discernendis), in ~~angulata~~ ~~arcuata~~ decurrentibus. Cardo dente primario in valvula alterutra; dentibus lateralibus lamellatis remotis. (Montagu.)

This is a doubtful species according to Mr. Montagu, who observes that he found only one dead specimen, at Falmouth, in Cornwall.

14.
elongatum. C. testa angulato-subovali, compressa; costis 21 rotundatis, leviter rugosis. Montagu Test. Brit. p. 82.

Habitat in mari.

Testa diametro $\frac{1}{4}$ poll. flavescens-alba vel rufescens, postice elongata et angulata. Umbo non centralis. (Montagu.)

Found sparingly by dredging in Salcombe Bay, Devon.

15.

murica- C. testa cordata, opaca, alba, margine muricato. *Montagu Test. Brit. p. 85.*

Walker Test. Min. Rar. f. 84.

Habitat in mari, minuta.

Found at Shepey Island, Kent. Not uncommon.
(Walker.)

M A C T R A.

Linn. Syst. Nat. n. 307.

1.

dealbata. M. testa ovata, hiante, cardinis dente medio complicato,
t. 1. f. 10. denticuloque laterali. *Linn. Gmel. p. 3260?* M.
pellucida?

Chemn. Conch. 6. t. 24. f. 234?

Pulteney in Hutch. Dorset. p. 91. t. 7. f. 7. M. *dealbata.*

Montagu Test. Brit. p. 93. t. 5. f. 1. M. *dealbata.*

Habitat in mari, rarissima.

Testa 1½ poll. longa, 1½ lata, tenuis, fragilis, pellucida, lævis, candida, leviter transversim striata. *Umbones* acutiusculi. *Cardo* valvulæ unius constat ex foveola triangulari, cum dente complicato, antrosum porrecto, et denticulo laterali, postice inclinato; alterius ex foveolis duabus triangularibus.

First noticed as British by Dr. Pulteney, who received it from Mr. Bryer of Weymouth.

The figure we have given was taken from a specimen in Dr. Pulteney's cabinet. It appears to differ a little from the shell figured in *Testacea Britannica*, which was drawn from another specimen found at Weymouth by Mr. Bryer.

2.

glauca. M. testa ovata, sordide alba, glauco radiata, subtilissime transversim

transversim striata, anterieus rugosa. *Linn. Gmel.*
p. 3260.

Born Mus. t. 3. f. 11, 12?

Chemn. Conch. 6. t. 23. f. 232, 233.

Encyclop. Method. t. 256. f. 1.

Donovan Brit. Shells, t. 125.

Montagu Test. Brit. p. 571.

Habitat in mari.

Testa ad 3½ poll. longa, 4½ lata. Umbones retrorsum versi, rima intermedia angusta. (Gmel.)

Found only by Miss Pocock, on Hale Sands, Cornwall.

3.

radiata. M. testa tenui, fragili, subtriangulari, compressa, albida, subtilissime striata, testaceo-radiata. Donovan Brit. Shells, t. 161.

Habitat in mari.

Testa diametro 2 poll. tenuis, rufescente-albida, radiis testaceis. Epidermis brunnea.

Found by Mr. Laskey upon Langston Beach, near Portsmouth, after a storm. (*Donovan.*)

4.

Stultorum. M. testa subdiaphana, lævi, obsolete radiata, intus purpurascens, regione umbonali gibba. Linn. Syst. Nat. p. 1126. n. 99. Linn. Gmel. p. 3258.

Gualt. Test. t. 71. f. C.

Adans. Seneg. t. 17. f. 16?

Murray in Amæn. Acad. 8. t. 2. f. 10.

Knorr Vergn. 6. t. 5. f. 1.

Pennant Brit. Zool. 4. t. 49. f. 30.

Da Costa Brit. Conch. p. 196. t. 12. f. 3.

Born Mus. p. 50. vign.

Chemn. Conch. 6. t. 23. f. 224, 225.

Encyclop. Method. t. 256. f. 3.

Pulteney

Pulteney in Hutch. Dorset. p. 31. t. 8. f. 3

Donovan Brit. Shells, t. 106.

Montagu Test. Brit. p. 94.

Habitat in mari.

Testa ad $1\frac{1}{4}$ poll. longa, et 2 lata, fere triangularis; tenera, fragilis, lævis, subpellucida, cinerascens, radiis longitudinalibus rufescente-cinereis, lævissime transversim striata. *Umbones* minime prominentes. *Margo* exterior integerrimus, acutus. *Cardinis Dens* medius complicatus, cui adjicitur foveola triangularis. *Dentes laterales* in altera testa elongati, quibus in opposita testa respondent foveolæ.

First figured by Pennant, who mistook it for *Tellina radiata* of Linnæus.

5.
solida.

M. testa opaca, læviuscula, subantiquata. *Linn. Syst.*

Nat. p. 1126. n. 100. Linn. Gmel. p. 3259.

Rondel. Test. 1. c. 7.

Bonann. Recr. 2. t. 51.

Lister Anim. Angl. t. 4. f. 24. — Conch. t. 253. f. 87.

Petiver Gaz. t. 94. f. 7.

Knorr Vergn. 6. t. 8. f. 5.

Penn. Brit. Zool. 4. t. 51. f. 43. A. M. solida; t. 52. f. 43.

Da Costa Brit. Conch. p. 197. t. 15. f. 1. Trigonella

Zonaria, et t. 14. f. 6. T. gallina.

Chemn. Conch. 6. t. 23. f. 229, 230.

Pulteney in Hutch. Dorset. p. 31. t. 12. f. 1.

Donovan Brit. Shells, t. 61.

Montagu Test. Brit. p. 92.

Habitat frequens in mari.

Testa $1\frac{1}{4}$ poll. longa, $1\frac{1}{4}$ lata, subtriangularis, subantiquata, crassa, subdepressa, subalbida, vel flavescens-brunnea; seniores angulis aut fasciis lacteis, cinereis, vel cæruleis transversim pictæ; intus albida. *Cardo* dentibus lateralibus minus elongatis quam in præcedente. *Umbones* prominuli, acutiores. *Margo* integerrimus.

First described and figured by Lister.

6. sub-

6.

subtrunc- M. testa triangulata, lævi, crassiuscula, umbonibus tu-
cata. midioribus.

t. 1. f. 10. *Da Costa Brit. Conch.* p. 198. *Trigonella subtruncata.*

Pennant Brit. Zool. t. 52. f. 42. M. Stultorum.

Donovan Brit. Shells, t. 126.

Montagu Test. Brit. p. 93.

Pulteney in Hutch. Dorset. t. 5. f. 10.

Habitat in mari.

Testa Mactræ solidæ affinis, sed vix dimidiam magnitudinem æquans; sub-
albida, omnino absque cingulis, fere equilatera.

First figured by Pennant. Not uncommon on the
Southern coast.

7.

Listeri. M. testa tenera, compressa, subrotunda, foveola dentis
cardinis triangulari. *Linn. Gmel. p. 3261.*

Bonanni Recr. 2. t. 52.

Lister Anim. Angl. t. 4. f. 23. — Conch. t. 253. f. 88.

Petiver Gaz. t. 94. f. 3.

Pennant Brit. Zool. n. 52. V. borealis.

Da Costa Brit. Conch. p. 200. t. 13. f. 1. *Trigonella plana.*

Olivi Adr. t. 4. f. 1?

Encyclop. Method. t. 257. f. 4.

Pulteney in Hutch. Dorset. p. 31. t. 7. f. 1. M. compressa.

Donovan Brit. Shells, t. 64. f. 1. *Tellina plana.*

Montagu Test. Brit. p. 96. M. compressa.

Habitat in mari, ad ostia fluminum.

Testa 1½ poll. longa, 2 lata, præcedentibus affinis, tenuis, fragilis, subdia-
phana, sordide alba, interdum fasciis cinereis cincta, levissime striata,
subrugosa. *Cardinis* dentes primarii duo, altero bifido; dentes laterales
nulli.

First described and figured by Lister, and denomi-
nated

nated *M. Listeri* by Gmelin, in compliment to that laborious and accurate author.

8. *tenuis.* *M. testa compressa, subtriangulari, equilatera; cardinis dente in altera valvula bifurcato, et dentibus lateralibus remotis.*

Montagu Test. Brit. p. 572. ——— Supplem. t. 17. f. 7.

Habitat in mari, ad littora.

Testa $\frac{1}{4}$ poll. longa et lata, vel paululum major, tenera, semipellucida, alba, rugis concentricis; intus lævis, glabra; *cicatrice* conica, lata. *Valvula* una dente bifurcato et dentibus duobus lateralibus lamellatis remotis; altera dente simplici; *foveola* in utraque. *Umbra* centralis, productior. Distinguitur a *M. Listeri*, dentibus lateralibus; a testis junioribus *M. solidæ* et *M. Stultorum* facie et dentibus primariis, et quod una tantum valvula gaudeat dentibus lateralibus. (*Montagu.*)

Discovered by Mr. Montagu at Southampton; found also by Mr. Bryer at Weymouth, Dorset.

9. *triangularis.* *M. testa subtriangulari; altera valvula dente unico crasso bifido, altera fossula triangulari inter denticulos duos. Montagu Test. Brit. p. 99. t. 3. f. 5.*

Habitat in mari, rarior.

Testa diametro $\frac{1}{4}$ poll. crassa, opaca, alba, paululum glabra. *Umbones* prominentes, obtusi. *Margo* crenatus.

Discovered by Mr. Montagu in Falmouth Harbour, and on the South coast of Devon.

10. *Boysii.* *M. testa ovata, glabra, cardinis dente crasso, prominulo.*

Wood in Act. Soc. Linn. 6. t. 18. f. 9. 12.

Montagu Test. Brit. p. 98. t. 3. f. 7.

Pulteney in Hutch. Dorset. t. 12. f. 7.

Habitat in mari.

Testa magnitudine fabæ minoris, tenera, alba, convexa, margine postico rotundato,

tundato, antico subangulato. *Cardinis dens* solitarius inseritur in foveolam alterius testæ, cujus dentes marginales obsoleti.

First discovered at Sandwich in Kent, by Mr. Boys; found in Salcombe and Biddeford Bays, Devonshire, by Mr. Montagu.

Called *Mastra Boysii* by Mr. Montagu, as a tribute of respect to that ingenious and indefatigable naturalist, the late W. Boys, Esq. of Sandwich.

11.

lutraria. M. testa ovali oblonga lævi, dentibus lateralibus nullis.

Linn. Fauna Suecica, n. 2128. *Syst. Nat.* p. 1126.

n. 101. *Linn. Gmel.* p. 3259.

Lister Anim. Angl. t. 4. f. 19. — *Conch.* t. 415. f. 259.

Pennant Brit. Zool. 4. t. 52. f. 44. bene.

Chemn. Conch. 6. t. 24. f. 240, 241.

Encyclop. Method. t. 258. f. 3.

Pulteney in Hutch. Dorset. p. 32. t. 5. f. 11.

Wood in Act. Soc. Linn. 6. t. 16. f. 3, 4.

~~Donovan Brit. Shells~~, t. 58.

Montagu Test. Brit. p. 100.

β oblongata. *Chemn. Conch.* 6. t. 24. f. 238, 239?

Habitat ad littora, sub arena.

Testa ad 2½ poll. longa, et 5 lata, sub epidermide fuscâ, lutescente-alba, oblongo-ovalis, crassiuscula, vix transversim striata, utraque extremitate parum dehiscens. *Cardo* extus umbonibus minutis, intus singulæ valvulæ constans lamina rotundata, introrsum versa, concava; in altera testa juxta hunc cardinem est squamula erecta, complicata, cui in opposita testa respondet squama erecta, plana. (*Linn. Mus. Lud. Ulr.* p. 470.)

First described and figured by Lister. Not uncommon near the mouths of rivers.

12.
hians.

M. testa oblonga rudi; extremitate anteriore repandohiante.

Gualt. Test. t. 90. f. A. bene.

Da Costa Brit. Conch. p. 30. t. 17. f. 4. Chama magna.

Linn. Gmel. p. 3221. Mya oblonga.

Chemn. Conch. 6. t. 2. f. 12.

Pulteney in Hutch. Dorset. p. 32. t. 2. f. 4.

Wood in Act. Soc. Linn. 6. t. 16. f. 5, 6.

Donovan Brit. Shells, t. 140.

Montagu Test. Brit. p. 101.

Habitat in mari, rarior.

Testa 2 vel 2½ poll. longa, 4 vel 5 lata, crassa, sordide alba, rugis transversis inter cardinem et extremitatem anteriorem sæpius excavata.

Cardo versus extremitatem. Umbones minime prominentes, incurvati.

First figured by Da Costa, who mistook it for *M. lutraria* of Linnæus. Found by Dr. Pulteney and Dr. Maton on the Dorset coast; and by Mr. Montagu in the river between Truro and Falmouth in Cornwall, and on the Devonshire coast.

This species is by Gmelin erroneously placed under the genus *Mya*.

DONAX.

Linn. Syst. Nat. n. 308.

1.
Truncu-
lus.

D. testa anterieus lævi, intus violacea, marginibus cre-
natis. Linn. Fn. Suec. n. 2142. Syst. Nat. p. 1126.

n. 105. Linn. Gmel. p. 3263.

Lister Anim. Angl. t. 5. f. 35. — Conch. t. 376. f. 217.

Gualt. Test. t. 88. f. O?

Adans.

Adans. Seneg. t. 18. f. 2.

Pennant Brit. Zool. 4. t. 55. f. 45.

Da Costa Brit. Conch. t. 14. f. 3. Cuneus vittatus.

Favanne Conch. t. 49. f. E. 2.

Pulteney in Hutch. Dorset. p. 32. t. 6. f. 3.

Wood in Act. Soc. Linn. 6. t. 16. f. 13—16.

Donovan Brit. Shells, t. 29. f. 1.

Montagu Test. Brit. p. 103.

Habitat in mari.

Testa magnitudine amygdali, oblonga, sub epidermide straminea, alba vel flavescens, fasciis violaceis; antice oblique antrorsum truncata, subgibba, glabra; margines subtilissimè crenati, antice parum hiantes. *Cardinis dentes* bini: in altera valvula simplices, in altera didymi. *Marginales* nulli. (*Linn. Mus. Lud. Ulr. p. 494.*)

First noticed by Lister. Not uncommon on some parts of the Western coast.

2.

complanata-D. testa oblonga lævi glaberrima, margine integerrimo.

ta. Montagu Test. Brit. p. 106. t. 5. f. 4.

~~*Bonanni Recor. 2. f. 42. Mus. Kirck. f. 41.*~~

Lister Conch. t. 554. f. 227.

Habitat in mari.

Testa $\frac{3}{4}$ poll. longa, $1\frac{1}{4}$ lata, flavescens vel purpurascens, fascia unica, lata, alba ab umbonibus ad marginem; striis longitudinalibus expers; facie *D. Trunculi*, sed compressior, antrorsum productior.

First figured by Bonanni, who notices it from the British shores. Mr. Swainson has received it from Looe, in Cornwall; and Mr. Montagu from Milton Sands (S. Devon) and Falmouth. It is found also on the Dorset coast.

Gmelin has created a *Tellina vinacea* from Bonanni's figures, which evidently represent a *Donax*.

3.

denticula-D. testa antèrius obtusissima; labiis transversè rugosis,
ta. marginibus dentiformibus. *Linn. Syst. Nat. p. 1127.*

n. 107. Linn. Gmel. p. 3263.

Lister Conch. t. 376. f. 218.

Petiver Gaz. t. 18. f. 4.

Gualt. Test. t. 89. f. D.

Adans. Seneg. t. 18. f. 3.

Knorr Vergn. 2. t. 23. f. 2, 3.

Pennant Brit. Zool. 4. t. 55. f. 46.

Da Costa Brit. Conch. p. 205. Cuneus truncatus.

Favanne Conch. t. 49. f. E. 3.

Chemn. Conch. 6. t. 26. f. 256.

Pulteney in Hutch. Dorset. p. 32. t. 5. f. 12.

Donovan Brit. Shells, t. 24. Donax crenulata.

Montagu Test. Brit. p. 104.

Habitat in mari.

Testa magnitudinè nucis corythi, cuneiformis, lævis, alba, radiis seu fasciis purpureis. Striæ longitudinales, transversim delicatissime lineato-punctatæ, superficiem exarant. Area media regionis umbonalis transversè undatim rugosa; lateralis angulo truncato longitudinaliter striata, ut latus testæ. Intus purpurascens, lævissima. *Margines* acute crenulati. *Cardinis dens* duplex, lateralis, utrinque elongatus.

A rare species, said to be found at Weymouth, by Dr. Pulteney and by Mr. Bryer.

4.

plebeia. D. testa ovata, lævi; margine integerrimo, cardinis dentibus validis,

Lister Conch. t. 389. f. 228.

Pulteney in Hutch. Dorset. p. 32. t. 5. f. 13.

Montagu Test. Brit. p. 107. t. 5. f. 2.

Habitat in mari.

Testa magnitudine fabæ equinæ, vel $\frac{1}{4}$ poll. longa, $\frac{1}{4}$ lata, colore corneo, glabra, fasciis duabus fuscis longitudinalibus.

First

First found at Weymouth by the late Duchess Dowager of Portland (*Dr. Pulteney*):—since, at the same place, by Mr. Bryer.

5.
castanea. *D. testa ovata lævi ; rugis transversis antiquatis, cardinis dentibus utriusque valvulæ duobus, altero maximo, altero parvo.*

Montagu Test. Brit. p. 573. — Supplem. t. 17. f. 2.

Habitat in mari.

Testa $\frac{1}{4}$ poll. longa, $\frac{3}{4}$ lata, crassa, glaberrima, castaneo colore, radio unico, fusco, curvo, ab umbone ad marginem ; intus castanea, glabra, cicatrice lata. Umbones obtusi. Dentes laterales nulli. (*Montagu.*)

A new species, discovered by Mr. Montagu in St. Austle Bay, Cornwall.

6.
Irus. *D. testa ovali, rugis membranaceis erectis striatis cincta.*

Linn. Syst. Nat. p. 1128. n. 111. Linn. Gmel. p. 3265.

Gualt. Test. t. 95. f. A.

Borl. Cornw. t. 38. f. 23.

Pennant Brit. Zool. n. 55. Tellina cornubiensis.

Da Costa Brit. Conch. t. 15. f. 6. sin. Cuneus foliatus.

Chemn. Conch. 6. t. 26. f. 268—270.

Pulteney in Hutch. Dorset. p. 32. t. 12. f. 6.

Donovan Brit. Shells, t. 29. f. 2.

Montagu Test. Brit. p. 108. & p. 573.

Habitat in mari, saxa perterebrans. Animal Ascidia. (Montagu.)

Testa magnitudine phaseoli, ovalis, antèrius obtusissima, rugosa ; rugis arcuatis, reflexo-erectis, fere crispis, exterioribus sensim anterioribus majoribus. Intus alba, lævis, margine integerrimo. Cardo utrinque dentibus duobus minimis, altero bifido. (*Linn.*)

First noticed as an English shell by Borlase. Not uncommon on the Western coast, burrowed in limestone.

VENUS.

VENUS.

Linn. Syst. Nat. n. 309.

ANIMAL TETHYS.

*Testa bivalvis, labiis margini antico incumbentibus.**Cardo dentibus 3; omnibus approximatis, lateralibus apice divergentibus.*

1. * antice muricatæ.

spinifera. V. testa subtriangulari; sulcis numerosis, marginibus areæ anterioris spinosis.*Montagu Test. Brit. p. 577. — Supplem. t. 17. f. 1.**Habitat in mari, rarissima.**Testa* † poll. longa, paululum latior, flavescens-alba, sulcis 36 concentricis, parallelis, elevatis, æqualibus, subrecurvatis exarata; antè versus sinum sulci bini, convergentes in spinas obtusas, abbreviatis, recurvatas, decurrunt. *Valvula* altera dente unico primario, et laminis lateralibus; altera dentibus duobus. *Margo* lævis. (*Montagu.*)

A rare species, found only by Mr. Montagu, in sand from Salcombe Bay, Devon.

2. • • antice muticæ. † subcordatæ.

verrucosa. V. testa sulcis membranaceis striatis, antrorsum imprimis verrucosis; margine crenulato. *Linn. Syst.**Nat. p. 1130. n. 116. Linn. Gmel. p. 3269.**Lister Conch. t. 284. f. 122.**Petiver Gaz. t. 98. f. 17.**Gualt. Test. t. 75. f. H.**Borlase Cornw. t. 28. f. 32.**Born. Test. t. 4. f. 7.**Pennant Brit. Zool. 4. t. 54. f. 48. V. Erycina.**Da Costa Brit. Conch. p. 185. t. 12. f. 1. P. strigatus;**& p. 193. t. 13. f. 4. sin. P. membranaceus.**Favanne Conch. t. 47. f. E. 9.*

Wood

Wood in Act. Linn. Soc. 6. t. 17. f. 5, 6.

Chemn. Conch. 6. t. 29. f. 299, 300.

Pulteney in Hutch. Dorset. p. 33. t. 8. f. 1.

Donovan Brit. Shells, t. 44. & t. 115. V. cancellata.

Montagu Test. Brit. p. 112. & p. 574.

Habitat in mari.

Testa diametro 2 poll., crassa, opaca, sordide alba, vel ferruginea, sulcis numerosis reflexis, antice verrucosis; seu nodulosis, exasperata; intus alba. *Umbones* incurvati. *Areola* impressa, cordata.

First noticed by Lister. Not uncommon on the Western coast.

3.

lactea. V. testa subcordata, subcompressa: striis concentricis, crassis, elevatis, obtusis, antrorsum subtruncata.

Donovan Brit. Shells, t. 149.

Habitat in mari.

Testa diametro 1½ poll., lactea; V. verrucosæ valde affinis. Quomodo distinguitur a sequente?

Found on the Western coast, according to Mr. Donovan.

4.

Casina. V. testa sulcis transversis recurvis acutis, margine postico crenulato; pone areolam canaliculato. *Linn. t. 2. f. 1.*

Syst. Nat. p. 1130. n. 117. Linn. Gmel. p. 3269.

Pennant Brit. Zool. 4. t. 54. f. 48. A. V. Erycina.

Chemn. Conch. 6. t. 29. f. 301, 302.

Schröt. Einl. in Conch. 3. p. 115. t. 8. f. 6.

Habitat in mari, rarissima.

Testa diametro 1½ poll., crassa, albida; lineis angulatis, subfuscis variis.

Plicæ numerosæ, nunc latæ, nunc angustiores, fere coadunatæ. *Cardo* crassus.

This species corresponds exactly with the figures in Chemnitz and Schröter, which are cited by Gmelin for *Venus Casina* of Linnæus. Whether it be that shell is perhaps

perhaps rather doubtful, as Linnæus has given a very short description, and no reference to a figure. We received our specimen as British; and others have since been found by Mr. M'Leay on the coast of Caithness-shire.

5.
fasciata. V. testa subcordata, costis transversis, latis, depressis.
Lister Conch. t. 295. f. 132.
Da Costa Brit. Conch. p. 188. t. 13. f. 3. P. fasciatus.
Chemn. Conch. 6. t. 27. f. 277, 278.
Linn. Gmel. p. 3268. V. Paphia β?
Encyclop. Method. t. 276. f. 2.
Pulteney in Hutch. Dorset. p. 33. t. 7. f. 3. V. Paphia.
Montagu Test. Brit. p. 110. V. Paphia.
Donovan Brit. Shells, t. 170.

Habitat in mari.

Testa diametro ad 1 poll., sæpius minor, ~~crassa~~, alba, spadiceo-radiata, vel lineis angulatis, spadiceo-nebulosa, interdum fasciis tribus spadiceis; intus purpurascens. Cinguli seu costæ nunc 10—12 recurvati, nunc in 4—5 coadunati. Sinus lanceolatus, canaliculato-concavus. *Areola* impressa, cordata. *Margo* crenulatus.

First described as British by Da Costa. Not uncommon on the Western shores, and on the coasts of Wales, and of Caithness.

This species was considered by Dr. Pulteney as *V. Paphia* of Linnæus in a depauperated state; but it differs materially from that shell both in outline and specific character, “rugis incrassatis, pube rugis attenuatis.” See Donovan’s description of *Venus fasciata*. (*Brit. Shells, t. 170.*)

Da Costa’s *Pectunculus Vetula*, p. 190. t. 13. f. 5. is *Venus Paphia* of Linnæus. It was figured and described

by that author, from a foreign specimen through mistake, but has never been found on the British shores.

6.
minima. V. testa subcordata compressiuscula, glaberrima, transversim striata, maculis duabus rubris ad marginem.
Montagu Test. Brit. p. 121. t. 3. f. 3.

Habitat in mari, rarior.

Testa $\frac{1}{4}$ poll. longa, paululum latior, crassa, carnaria, interdum lineis duabus albis ab umbone divergentibus; intus candida, glaberrima. *Margo* integerrimus. *Striæ* latæ, concentricæ. *Cardinis dentes* manifesti.

Discovered at Falmouth by Mr. Montagu.

7.
sulcata. V. testa subtriangulari, lævi, rugis obsoletis; sinu obt. 2. f. 2. longo-ovali; margine interiore denticulato.

Da Costa Brit. Conch. p. 195. Pect. truncatus?

Montagu Test. Brit. p. 131.

Habitat in mari.

Testa ungue pollicis extimi paulo major, vel diametro ad 1 poll. alba, sub epidermide brunnea, fere plana. *Umbones* acutiusculi. *Testa* *V. fasciatæ* valde affinis; distinguitur quod magis triangularis, quod antice rectiuscula, et sinus oblongo-ovalis.

From the North of Scotland. (*Mr. Swainson.*)

8.
Scotica. V. testa subcordata, subcompressa, sulcis transversis t. 2. f. 3. parallelis regularibus, margine lævi.

Habitat in mari.

Testa $\frac{1}{16}$ poll. longa, $\frac{1}{16}$ lata, albida. *Sulci* 15 vel 16 obtusi, valdè regulares, neque membranacei. *Testa* magis triangularis quam *V. verrucosa*, neque antrosum subtruncata.

A new species, discovered by Mr. M^cLeay on the coast of Caithness-shire.

9.

subcordata. V. testa subcordata, striis costatis longitudinalibus, sulcis transversis, remotis, elevatis. *Montagu Test. Brit. p. 121. t. 3. f. 1.*

Linn. Gmel. p. 3270. V. cancellata?

Habitat in mari.

Testa diametro 4 poll. alba, crassa, intus glabra, alba. Umbones incurvati. Cardinis dentes validi. Margo subcrenatus.

Mr. Montagu doubts whether this species be British, as he found it only once, in sand from Falmouth harbour. We have not had an opportunity of examining it; but it appears from the figure and description to resemble specimens of *Venus cancellata* in the British Museum.

10.

Gallina. V. testa subcordata radiata, striis transversis, obtusis, cardinis dente postico minimo, margine crenulato.

Linn. Fauna Suecica, n. 2143. Syst. Nat. p. 1130. n. 119. Linn. Gmel. p. 3270.

Lister Conch. t. 282. f. 120.

Pennant Brit. Zool. 4. t. 56. f. 50. V. rugosa.

Born. Mus. p. 57. vign. 6.

Chemn. Conch. 6. t. 30. f. 308—310.

Da Costa Brit. Conch. p. 191. t. 12. f. 2. Pect. striatulus; & p. 192. P. sulcatus.

Wood in Act. Soc. Linn. 6. t. 17. f. 7, 8.

Pulteney in Hutch. Dorset. p. 33. t. 8. f. 2. V. Casina.

Donovan Brit. Shells, t. 68. V. striatula.

Montagu Test. Brit. p. 113. V. striatula.

Habitat in mari, frequens.

Testa 1 poll. longa, 1½ lata, alba, radiis latis, spadiceis, angulato-linearibus marmorata; intus alba. Margo crenatus. Umbones recurvi, acuti. Striæ apparent crenulatae, quamvis non sint. Areola impressa, ovata.

11. *trian-*

11.
triangu- V. testa subtriangulari, cardine crasso; valvula altera
laris. dentibus tribus, altera duobus et lamina laterali semilunari. *Montagu Test. Brit. p. 577. — Supplem. t. 17. f. 3.*

Habitat in mari, rarissima.

Testa diametro $\frac{1}{4}$ poll. crassa, flavescente-alba, rugis nonnullis concentricis obsoletis; intus lævis. *Valvula* una dentibus duobus, uno bifido, altero triangulari, juxta laminam lateralem; altera dentibus tribus, duobus valde divergentibus (ad recipiendum dentem oppositum triangularem), denticuloque laterali. *Margo* lævis. *Umbones* centrales, maxime prominentes. (*Montagu.*)

: A new and rare species, found only by Mr. Montagu, on the coast of Devonshire.

12.
Islandica. V. testa transversim striata, rudi, labris hiantibus.
Linn. Syst. Nat. p. 1131. n. 24. Linn. Gmel. p. 3271.
Lister Anim. Angl. t. 4. f. 22. — Conch. t. 272. f. 108.
Gualt. Test. t. 85. f. B.
Olafs Isl. t. 11. f. 8.
Pennant Brit. Zool. 4. t. 53. f. 47. V. mercenaria.
Da Costa Brit. Conch. p. 183. t. 14. f. 5. Pect. crassus.
Chemn. Conch. 6. t. 32. f. 341.
Encyclop. Method. t. 272. f. 6.
Wood in Act. Soc. Linn. 6. t. 17. f. 1, 2.
Pulteney in Hutch. Dorset. p. 38. t. 6. f. 5.
Donovan Brit. Shells, t. 77.
Montagu Test. Brit. p. 114.

Habitat in mari.

Testa ad $3\frac{1}{4}$ poll. longa, 4 lata, sub epidermide nigricante-fuscâ, albida seu ferruginea, subcordata, ventricosa, solida, antice versus umbones

obsoletè carinata, intus cretacea. *Margo* integerrimus, acutissimus. *Umbones* recurvati, contigui. *Areola* inconspicua. *Cardinis dentes* 3, medius didymus, lateralis sub areola, linearis, obliquus, crenulatus.

First figured and described by Lister. Common.

13.

Chione. V. testa transverse subrugosa, lævi, cardinis dente posteriori lanceolato. *Linn. Syst. Nat.* p. 1131. n. 125. *Linn. Gmel.* p. 3272.

Lister Conch. t. 269. f. 105.

D'Argenv. Conch. t. 24. f. C.

Gualt. Test. t. 86. f. A.

Knorr Vergn. 6. t. 4. f. 1.

Pennant Brit. Zool. 4. t. 51. f. *intermedia*.

Da Costa Brit. Conch. p. 184. t. 14. f. 7. Pect. glaber.

Favanne Conch. t. 47. B.

Chemin. Conch. 6. t. 32. f. 343.

Encyclop. Method. t. 266. f. 1.

Wood in Act. Soc. Linn. 6. t. 17. f. 3, 4.

Pulteney in Hutch. Dorset. p. 33. t. 6. f. 7.

Donovan Brit. Shells, t. 17.

Montagu Test. Brit. p. 115.

Testa cordato-ovata, oblonga, compressa, glaberrima, striis transversis obsoletis, coloris castanei, radiis fuscis, intus alba. *Margo* integerrimus. *Areola* depressa, ovata, acuta. *Umbones* recurvati. *Cardinis dentes* 4, duobus mediis approximatis, lanceolatis; laterales 2 divaricati, sub areolâ, major acutus, sub labris linearis, obliquus. (*Linn. Mus. Lud. Ulr.* p. 500.)

First figured by Lister. Not uncommon on the Cornish coast; more rare on the Dorset coast. It is found also in Cheshire.

14. *ovata*.

14.
ovata. V. testa ovata, longitudinaliter sulcata, transversim ob-
t. 2. f. 4. solete striata. *Maton West. Counties*, 1. p. 178.
Pennant Brit. Zool. 4. t. 56. f. 56.
Walker Test. Min. Rar. f. 82.
Pulteney in Hutch. Dorsct. t. 1. f. 15.
Montagu Test. Brit. p. 120.

Habitat in mari.

Testa vix magnitudine fabæ equinæ, depressior, subalbida seu brunnea;
 intus alba vel purpurascens. *Cardo* fere ad medium testæ.

First figured by Pennant. Found on the Kentish and
 Devonshire coasts; and at Falmouth, in Cornwall.

15.
deflorata. V. testa ovali, longitudinaliter rugosa, anterius violacea.
Linn. Syst. Nat. p. 1133. n. 132. *Linn. Gmel.* p. 3274.
Lister Conch. t. 425. f. 273?
Knorr Vergn. 2. t. 20. f. 5; & 5. t. 11. f. 2.
Pennant Brit. Zool. 4. t. 57. f. 54.
Favanne Conch. t. 49. P.
Chemn. Conch. 6. t. 9. f. 79. 81.
~~*Encyclop. Method.* t. 231. f. 4.~~
Montagu Test. Brit. p. 123. t. 3. f. 4.

Habitat in mari, rarissima.

Testa 1 poll. longa, 1½ lata, tenuis, flavescente-alba, radiis purpurascentibus,
 longitudinaliter striata, striis undulatis, rugis nonnullis transversis;
 intus violacea. *Cardinis dentes* utriusque testæ duo.

First described as a British shell by Pennant. Found
 at Falmouth by Mr. Montagu; but it must be consi-
 dered as one of the rarest British species.

16.
granulata. V. testa rotundata, striis elevatis decussata, margine
ta. crenulato. *Linn. Gmel.* p. 3277.
Born Mus. t. 4. f. 5, 6.

Chemn.

Chemn. Conch. 6. t. 30. f. 313.

Donovan Brit. Shells, t. 83.

Montagu Test. Brit. p. 122.

Habitat in mari.

Testa diametro 1 poll. crassa, tumidiuscula, alba, maculis et lituris nigrescentibus; intus glaberrima, purpurea. *Umbones* incurvati, minime prominentes. *Areola* cordata, nigricans.

Discovered at Falmouth by Mr. Montagu.

17.

† † orbiculatæ.

tigerina. V. testa lentiformi, striis decussatis; areola impressa, t. 2. f. 5. ovata. *Linn. Syst. Nat.* p. 1134. n. 141. *Linn. Gmel* p. 3283.

Rumph. Mus. t. 43. f. H.

Lister Conch. p. 1133.

Gualt. Test. t. 77. f. A.

Knorr Vergn. 4. t. 2. f. 1; & t. 3. f. 2; 6. t. 37. f. 2.

Favanne Conch. t. 47. f. D. 1.

Chemn. Conch. 7. t. 37. f. 190, 191.

Pulteney in Hutch. Dorset. p. 34. t. 1. f. 14.

Montagu Test. Brit. p. 119. t. 4. f. 1.

Habitat in mari.

Testa diametro vix 1 poll. parum convexa, tota alba, striis longitudinalibus et transversis numerosissimis reticulata. *Intus alba* seu flavescens, glabra. *Umbones* recurvi, acutiusculi, obsoleti. *Sinus* oblongus, hians. *Areola* ovata. *Cardinis dentes* 3 vel 4, intermediis didymis. (*Linn. Mus. Lud. Utr.* p. 503.)

First ascertained to be English by Dr. Maton, who found it on Studland Beach, Dorset; on the N. Shore, Poole; and at Weymouth.

18.

undata. V. testa orbiculari, transversim striata, rugosa, umbonibus prominentibus.

Pennant Brit. Zool. 4. t. 55. f. 51.

Wood

Wood in Act. Soc. Linn. 6. t. 17. f. 17, 18.

Donovan Brit. Shells, t. 121.

Montagu Test. Brit. p. 118.

Habitat in mari.

Testa diametro $1\frac{1}{4}$ poll. tenuis, alba, intus glabra, margine integerrimo. Distinguitur a *Tellina rotundata* quod cardo crassus, altera valvula dentibus tribus, altera duobus, margo undatus, et cicatrix lata, usque ad medium testæ.

First figured by Pennant. Found near Llaugharne, Caermarthenshire; and on the Cornish and Devonshire coasts, by Mr. Montagu.

19.

exoleta. V. testa lentiformi, transversim striata, pallida, obsolete

t. 3. f. 1. radiata, areola cordata. *Linn. Fn. Suec. n. 2145. Syst.*

Nat. p. 2134. n. 142. M.L.U. p. 506. Linn. Gm. p. 3284.

Lister Conch. t. 291. f. 127. benè, & 293. f. 129.

Petiver Gaz. t. 93. f. 15.

Gualt. Test. t. 75. f. F.

Adans. Seneg. t. 16. f. 4.

Born Test. t. 5. f. 9

Da Costa Brit. Conch. p. 187. t. 12. f. 5. P. capillaceus.

Favanne Conch. t. 48. f. F. 1.

Chemn. Conch. 7. f. 402. 404.

Encyclop. Method. t. 279. f. 4, 5.

Wood in Act. Soc. Linn. 6. t. 17. f. 9, 10.

Pulteney in Hutch. Dorset. p. 34. t. 8. f. 5.

Donovan Brit. Shells, t. 42. f. 1.

Montagu Test. Brit. p. 116.

t. 3. f. 2. β *Lister Conch. t. 290. f. 126; & t. 289. f. 125.*

Chemn. Conch. 7. f. 403.

Pulteney in Hutch. Dorset. p. 34. t. 1. f. 14. V. lineta.

Habitat in mari.

Testa

Testa diametro 2 poll. crassa, convexiuscula, albida, interdum fasciis rufescente-brunneis; intus alba. *Striæ* numerosæ, filiformes; paucæ evidentiores. *Cicatrix* obliquè transversalis.

Varietas β minus orbicularis, ab umbone declivis.

First noticed by Lister. It is not uncommon.

20. ††† ovales, supra rimam subangulatæ.

decussata. V. testa ovata, antice angulata, decussatim striata.

t. 2. f. 6. *Linn. Syst. Nat.* p. 1135. n. 149. *Linn. Gmel.* p. 3294.

Lister Anim. Angl. t. 4. f. 20. — *Conch.* t. 423. f. 271.

Gualt. Test. t. 85. f. E. L.

Pennant Brit. Zool. 4. t. 57. f. 53. V. *literata*.

Da Costa Brit. Conch. p. 102. t. 14. f. 4. C. *reticulatus*.

Chemn. Conch. 6. t. 43. f. 455, 456.

Pulteney in Hutch. Dorset. p. 34. t. 6. f. 4.

Donovan Brit. Shells, t. 67.

Montagu Test. Brit. p. 124.

Habitat in mari, frequens.

Testa ad 2 poll. longa, 3 lata, ovata, antice latior, vix angulata, striis longitudinalibus, et sæpe transversalibus, confertis. *Color* variat, sæpius pallide ferrugineus, interdum radiis maculis, aut lituris fuscis; intus albus. *Areola* minima, retusa. *Sinus* longus angustus, margine interno ut plurimum cæruleo.

This species was first noticed by Lister.

21.

Pullastra. V. testa oblongo-ovata, antice angulata, delicatissime

t. 2. f. 7. decussatim striata.

Chemn. Conch. 7. t. 42. f. 439.

Wood in Act. Soc. Linn. 6. t. 17. f. 13, 14.

Montagu Test. Brit. p. 125.

Pulteney in Hutch. Dorset. t. 1. f. 8.

Habitat in mari, frequens. *Incola* edulis.

Testa 14 poll. longa, 2 poll. lata, brunnea vel albida, præcedenti valde affinis,

nis, sed minor; striis delicatissimis ~~anterioribus~~ in rugas pauciores decurrentibus; lituris cinereis, brunneis, ~~vel purpureis~~ variegata et radiata. Cicatrix production. . Cardinis dentes tres approximati, pectinati; medius sæpius bifidus.—Varietas nivea, anterieus maculis nigricantibus angulatis notata, et sinu nigricante.

First described by Mr. Wood.

22.

perforans. V. testa subrhomboidea, antice truncata, rugosa, postice transversim striata. *Montagu Test. Brit. p. 127 t. 3. f. 6.*

Habitat ad littora, saxis calcareis innidulans.

Testa $\frac{1}{4}$ poll. longa, $\frac{1}{4}$ lata, flavescente-brunnea, striis transversis posticis in rugas anteriores longitudinales decurrentibus. Cardo dentibus tribus, duobus longis, recurvatis, altero parvo; his facillime à testa juniore *V. decussatæ* distinguitur.

A new species, discovered by Mr. Montagu, burrowed in limestone at Plymouth, where it is found in abundance.

23.

virginea. V. testa subovata, anterieus subangulata; striis transversis inæquilineatis, sinu tumido. *Linn. Syst. Nat. t. 2. f. 8. p. 1136. n. 150. Linn. Gmel. p. 3294.*

Lister Conch. t. 403. f. 247.

Pennant Brit. Zool. t. 55. f. dextra. V. Rhomboides.

Da Costa Brit. Conch. p. 204. Cuneus fasciatus.

Chemn. Conch. 7. t. 42. f. 443. & t. 43. f. 457. a. b. c.

Encyclop. Method. t. 283. f. 2.

Pulteney in Hutch. Dorset. p. 34. t. 13. f. 1.

Montagu Test. Brit. p. 129.

Habitat in mari.

Testa V. decussatæ similis, sed magis rotundata, minor; striis perpendicularibus nullis distincta, rarius rubella, interdum radiata, maculis cinereis aut lineis angularibus fasciis variis. Intus alba vel rubescens;

striis transversis nunc magis nunc minus conspicuis; sulcis 2 vel 3
obsoletis. (Gmel.)

First figured by Lister. It is found on the Western coast, but not common.

24.

aurea. V. testa subcordata, nitida, transversim subtiliter
t. 2. f. 9. sulcata, longitudinaliter striata; sinu indistincto. Linn.
Gmel. p. 3288.

Lister Conch. t. 404. f. 249.

Petiver Gaz. t. 94. f. 8.

Pennant Brit. Zool. t. 57. f. 34.

Chemn. Conch. 7. t. 43. f. 458.

Pulteney in Hutch. Dorset. p. 54. t. 13. f. 3. V. nebulosa.

Montagu Test. Brit. p. 129.

Habitat in mari.

Testa 1 poll. longa, 1½ lata, colore subalbido vel flavicante, lituris seu
maculis cinereis; magis triangularis quam *V. virginica*, cum margine
ab umbonibus declivi, neque producto ut in illa testa; intus ali-
quando purpurea. Cardinis dentes sæpius bifidi.

First noticed and figured by Lister. Not uncommon
on many parts of the Western coast.

25.

sinuosa. V. testa tenui, convexa, margine profunde sinuato.
Pennant Brit. Zool. 4. t. 55. f. 51. A.

This species, so imperfectly described by Pennant, is
perhaps not distinct from *Tellina flexuosa*, or possibly
only a deformed shell.

CHAMA.

Linn. Syst. Nat. n.º311.

1.

Cor. Ch. testa subrotunda, lævi, umbonibus recurvatis, rima
hiantes. Linn. Syst. Nat. p. 1137. n. 154. M. L. U.
p. 516. Linn. Gmel. p. 3299.

Bonann.

Boettmann. Recr. 2. f. 88.
Lister Conch. t. 275. f. 111.
Rumph. Mus. t. 48. f. 10.
Ginann. Adriat. 2. t. 19. f. 129.
Gualt. Test. t. 71. f. E.
Seb. Mus. 3. t. 96. f. 1.
Favanne Conch. t. 53. C.
Chemn. Conch. 7. t. 48. f. 483.
Encyclop. Method. t. 232. f. 1.
Donovan Brit. Shells, t. 134.
Montagu Test. Brit. p. 134.

Habitat in mari.

Testa diametro 3 poll. crassa, subrotunda, exalbido-lutescens. *Umbones* evidetiores, cornu arietis in modum oblique versus areolam convoluti.

Found near the North Foreland, by Mr. Swainson ;
 and also on the shores of the Hebrides, by Mr. Agnew.

ARCA.

Linn. Syst. Nat. n. 312.

1. *Margine* integro ; *umbonibus* inflexis.
- Noæ.* A. *testa* oblonga, striata, apice emarginata, *umbonibus* incurvis, remotissimis ; *margine* integerrimo, hiantes.
Linn. Syst. Nat. p. 1140. n. 169. *Linn. Gmel.* p. 3306.
Lister Conch. t. 368. f. 208.
Rumph. Mus. t. 44. f. P.
Adans. Seneg. t. 18. f. 9.
Borlase Cornw. t. 28. f. 15, 16.
Knorr Vergn. 1. t. 16. f. 1, 2.
Pennant Brit. Zool. n. 57. A. *tortuosâ*.
Chemn. Conch. 7. t. 63. f. 531. a.

Donovan Brit. Shells, t. 158. f. 1. 2.

Montagu Test. Brit. p. 139 t. 4. f. 3.

Habitat in mari, rarissima.

Testa navicularis, antice compressa, retusa et fere biloba, extus rugosa; striis elevatis, longitudinalibus, distantibus. *Umbones* remotissimi incurvati, area interjecta plano-concava, ad angulum rectum striata in rhombos. *Margo* exterior in medio hians, rima barbata. *Color* nebulosus, albo-fuscus. *Cardo* rectus, serratus, lamellis numerosissimis, minutissimis, æqualibus. (*Linn. Mus. Lud. Ulr. p. 117.*)

First noticed as British by Borlase. Found on Milton Sands, Devon, by Mr. Montagu; and on the shores of Cornwall, by Miss Pocock. Size half an inch in breadth; extremely rare.

2.
minuta. A. testa oblongo-ovali; extremitate altera rotundata, altera subtruncato-angulata.

Walker Test. Min. Rar. f. 81.

Linn. Gmel. p. 3309.

Chemn. Conch. 10. t. 170. f. 1657, 1658.

O. Fabr. Fn. Groenl. p. 414. n. 415.

Adams in Act. Soc. Linn. 3. p. 64?

Donovan Brit. Shells, t. 78. A. caudata.

Montagu Test. Brit. p. 140.

Habitat in mari.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, albida, fasciis lacteis cincta, transversim striata, in angulum producta, angulo vix truncato. *Margo* integerrimus. *Umbones* acuti. *Cardo* constat foveola cum dentibus lateralibus angulatis, numerosis.

First found by Mr. Boys at Sandwich, in Kent, where it is not uncommon.

3. •• Margine crenato; umbonibus recurvatis.
lactea. A. testa subrhomboidea, obsolete decussatim striata,
diaphana;

diaphana ; umbonibus recurvis, margine crenulato.

Linn. Syst. Nat. p. 1141. n. 173. Linn. Gmel. p. 3309.

Lister Conch. t. 235. f. 69.

Petiver Gaz. t. 73. f. 1.

Pennant Brit. Zool. 4. t. 58. f. 59. A. barbata.

Da Costa Brit. Conch. p. 171. t. 11. f. 5.

Pulteney in Hutch. Dorset. p. 54. t. 11. f. 5. A. crinita.

Chemn. Conch. 7. t. 55. f. 547.

Donovan Brit. Shells, t. 135.

Montagu Test. Brit. p. 138.

Habitat in mari.

Testa magnitudine fabæ equinæ, albida, epidermide pilosa fusca oblecta, transversim inæqualiter sulcata.

First noticed and figured by Lister. It is found plentifully on many parts of the Western coast. Shells with the animal are rare.

This species agrees with Linnæus's description of *A. lactea*, if we except the crenulated margin, which our shell does not appear to possess.

4. * * * Margine crenato ; umbonibus incurvis. .

Glycymeris- *A. testa suborbiculata, gibba, substriata, umbonibus incurvis, margine crenato. Linn. Syst. Nat. p. 1143. t. 3. f. 3. n. 181. Linn. Gmel. p. 3313.*

Bellon. Aquat. 408.

Rondel. Test. 31.

Bonann. Recr. 2. t. 60 ?

Lister Conch. t. 247. f. 82.

Gualt. Test. t. 82. f. C. D.

Adams. Seneg. t. 18. f. 10 ?

Knorr Vergn. 6. t. 14. f. 3.

Chemn. Conch. 7. t. 57. f. 564.

Habitat in mari.

Testa

Testa orbicularis, convexa, crassa, margine acuto, striata transversim striis obsoletis, vix manifestis, maculata maculis flavescentibus, fere fasciatis. Intus alba excavata. *Umbones* distantes, inter quas *Rima* hians, acutissima, minime striata. *Cardo dentibus* circiter 10 transversis. (*Linn. Mus. Lud. Ulr.* p. 521.)—*Testa* diametro ad 2½ poll.

Mr. Sowerby first ascertained this species to be British. He found it on the coast of Cornwall. It is not uncommon on the shores of Guernsey.

5.
pilosa. A. testa suborbiculata, æquilatera, pilosa, umbonibus
t. 3. f. 4. incurvis, margine crenato. *Linn. Syst. Nat.* p. 1143.
n. 182. Linn. Gmel. p. 3314.
Lister Conch. t. 247. f. 82.
Petiver Gaz. t. 79. f. 7.
Gualt. Test. t. 73. f. A.
Knorr Vergn. 2. t. 23. f. 6 ; & t. 12. f. 4.
Pennant Brit. Zool. 4. t. 58. f. 58. A. *Glycymeris*.
Da Costa Brit. Conch. p. 168. t. 11. f. 2. *Glycymeris*
orbicularis.
Born Mus. t. 6. f. 1. a. b.
Chemn. Conch. 7. t. 57. f. 565. 566.
Encyclop. Method. t. 310. f. 2.
Pulteney in Hutch. Dorset. p. 35. t. 11. f. 2.
Donovan Brit. Shells, t. 37. A. *Glycymeris*.
Montagu Test. Brit. p. 136.

Habitat in mari.

Testa diametro ad 2½ poll. crassa, ponderosa, solida, fere orbicularis, albida, lineis angulatis castanei coloris, maculata, longitudinaliter manifeste transversim leviter striata, epidermide villosa holosericea tecta. Intus alba, interdum fusco-castanea. *Margo* crenatus. *Cardinis dentes* obliqui, seu ad centrum tendentes.

“*Testa* simillima *A. Glycymeri*, sed *testa* perfecte regularis. *A. Glycymeris* vero parum irregularis.” (*Linn.*)

For

For want of attention to the distinction here pointed out by Linnæus, this species has frequently been mistaken for *Arca Glycymeris*.

A. pilosa is not uncommon on the Western coast of England. It was first figured by Lister.

6.

Nucleus. A. testa oblique ovata, læviuscula; cardine triangulari.

Linn. Syst. Nat. p. 1140. Linn. Gmel. p. 3314.

Petiver Gaz. t. 17. f. 9.

Pennant Brit. Zool. 4. n. 58.

Da Costa Brit. Conch. p. 170. t. 15. f. 6. dextra. Glycymeris argentea.

Chemn. Conch. 7. t. 58. f. 574.

Pulteney in Hutch. Dorset. p. 35. t. 12. f. 6.

Donovan Brit. Shells, t. 63.

Montagu Test. Brit. p. 141.

Habitat in mari, frequens.

Testa diametro $\frac{1}{4}$ poll. alba, sub epidermide olivacea, striis longitudinalibus subtilissimis, rugis paucis transversis. Umbones acuti, incurvi. Intus argentea. Margo internus subtilissime crenulatus. Cardo arcuatus, denticulis numerosis.

OSTREA.

Linn. Syst. Nat. n. 313.

Animal Tethys.

Testa bivalvis, inæqualvis, subaurita.

Cardo edentulus, fossula cava ovata, striisque lateralibus transverse.

Dissimilar in habit as we must acknowledge the species of this genus to be, they are for the most part aptly included under the Linnean character; and unless we deviate from the rules of that

that system (according to which the generic distinctions are founded chiefly on the conformation of the hinge) the *Pectines* cannot be separated from the *Ostrea* without manifest impropriety. Even a difference in the animals will not warrant such a division; for the discriminative marks adopted by Linnæus are professedly *external*; to which circumstance is ascribable, in our opinion, the great utility of his method. And if what may be called the *accessorial* part of his characters be in any case converted into a *basis* for generic *diagnosis*, the simplicity and consistency of the system are destroyed.

1. * *Pectines*, auriculati æquilateres.

maxima. O. testa radiis rotundatis, longitudinaliter striatis. *Linn. Fauna Suecica*, n. 2148. *Syst. Nat.* p. 1144. n. 185. *Linn. Gmel.* p. 3315.

Bonann. Recr. 2. f. 8.

Liston Anim. Angl. t. 5. f. 29. — *Conch.* t. 163. f. 1.

Petiver Mus. 86. p. 829.

Gualt. Test. t. 98. f. A. B.

Knorr Vergn. 2. t. 14. f. 1.

Bytem. App. t. 12. f. 50.

Pennant Brit. Zool. 4. t. 59. f. 61. *Pecten maximus*.

Da Costa Brit. Conch. p. 140. t. 9. f. 3.

Chemn. Conch. 7 t. 60. f. 585.

Pulteney in Hutch. Dorset. p. 35. t. 9. f. 3.

Donovan Brit. Shells, t. 49.

Montagu Test. Brit. p. 143.

Habitat in mari; Incola edulis.

Testa diametro 5 poll. Operculum inter aures quasi gula depressa. Fornix radiis 14 rotundatis, striatis longitudinaliter una cum interstitiis. Auriculæ æquales, rectangulæ, striatæ. Color extus rufo- seu ferrugineo-nebulosus, intus albus. (*Linn. Mus. Lud. Ulr.* p. 522.)

First

Not uncommon on many parts of the Western coast.

2.

Jacobæa. O. testa radiis quatuordecim angulatis, longitudinaliter striatis. *Linn. Syst. Nat.* p. 1144. n. 186. *Linn. Gmel.* p. 3316.

Bonann. Recr. 2. f. 3, 4.

Lister Conch. t. 165. f. 2. & 166. f. 3.

Gualt. Test. t. 99. f. B.

Knorr Vergn. 2. t. 22. f. 3. 5; t. 25. f. 4. & 6; t. 38. f. 1.

Pennant Brit. Zool. 4. t. 60. f. 62. } *Pecten Jacobæus*.

Da Costa Brit. Conch. p. 143. n. 2. }

Favanne Conch. t. 54. f. L.

Pulteney in Hutch. Dorset. p. 36. t. 13. f. 2.

Montagu Test. Brit. p. 144.

Donovan Brit. Shells, t. 137.

Habitat in mari.

Testa diametro 3 poll. *Operculum* obtusius plicatum, totum transversim striatum, basi depressum, auriculis concavis. *Fornix* albus, plicatus, angulis rectis. *Plicæ* longitudinaliter sulcis 4 seu 5 striatæ, lateribus perpendiculares; *interstitia* plicarum transverse striata. *Auriculæ* æquales, rectangulæ; operculi læves, fornicis striatæ. *Color* fornicis albus; operculi extus purpureus. (*Linn. Mus. Lud. Ulr.* p. 522.)

First noticed as British by Pennant. Found at Poole and Weymouth, Dorset; and at Scarborough, Yorkshire; but very rare.

3.

* * *Pectines*, apicula altera intus ciliato-spinosa.

varia. O. testa æquivalvi, radiis triginta scabris, compresso-carinatis, uniaurita. *Linn. Syst. Nat.* p. 1146. n. 199.

M. L. U. p. 529. *Linn. Gmel.* p. 3324.

Lister Conch. t. 180. f. 17; t. 181. f. 18; t. 189. f. 23.

Act. Paris. 1711. t. 2. f. 12.

D'Argenv. Conch. t. 24. f. H.

Gualt. Test. t. 73. f. C. N. & 74. f. R.

Knorr Vergn. 2. t. 18. f. 3. 5; t. 11. f. 3; & t. 12. f. 5. 6.

Pennant Brit. Zool. 4. t. 61. f. 64. Pecten varius.

Da Costa Brit. Conch. p. 151. t. 10. f. 1, 2, 4, 5, 7, 9.

Pecten monotis.

Favanne Conch. 54. f. B. 3, 4.

Chemn. Conch. 7. t. 66. f. 633, 634.

Pulteney in Hutch. Dorset. p. 30. t. 10. f. 1, 2, 4, 5, 7, 9.

Donovan Brit. Shells, t. 1. f. 1.

Montagu Test. Brit. p. 146.

Habitat in mari, frequens.

Testa 2 poll. longa, 1½ lata, ovalis, striis compressis echinatis. *Fornix* operculo paulo convexior. *Auricula* operculi altera fere obsoleta. *Color* ruber, fusco-nebulosus, fulvus, flavus, albus, purpurascens, vel variegatus. *Intus* concolor.

4.

opercula- *O. testa* radiis viginti, subrotunda, decussatim striato-
ris. scabra, operculo convexiore. *Linn. Syst. Nat. p. 1147.*
n. 202. Linn. Gmel. p. 3325.

Lister Anim. Angl. t. 5. f. 30. — Conch. t. 190. f. 27.
& 191. f. 28.

Petiver Gaz. t. 94. f. 1.

Seb. Mus. 3. t. 87. f. 15.

Knorr Vergn. 2. t. 3. f. 2, 3.

Pennant Brit. Zool. 4. t. 60. f. 63. Pecten subrufus.

Da Costa Brit. Conch. p. 144. t. 9. f. 1, 2, 4, 5.

Favanne Conch. t. 54. f. L. 2.

Chemn. Conch. 7. t. 67. f. 646.

Wood in Act. Soc. Linn. 6. t. 18. f. 7, 8.

Pulteney in Hutch. Dorset. p. 36. t. 9. f. 1, 2, 4, 5.

Donovan

Donovan Brit. Shells, t. 12. P. subrufus.

Montagu Test. Brit. p. 145.

Habitat in mari, frequens; *Incola* edulis.

Testa suborbiculata, mediocris, superficie decussate subtilissime striato-scabra, radiis 20 seu 22 convexis. *Fornix* minus quam operculum convexus, quod singulare. *Auricula* altera major; fornicis subtus excisa, ciliato-aculeata. Hiat maxime inter auriculas. (*Mus. Lud. Utr. p. 530.*)—*Color* purpurascens-rufus, albus, flavus, vel brunneus, sæpe marmoratus, intus albus.

5.

lineata. O. testa radiis viginti longitudinaliter punctato-scabris, operculo convexiore.

Da Costa Brit. Conch. p. 147. t. 10. f. 8. P. lineatus.

Pulteney in Hutch. Dorset. p. 36. t. 10. f. 8.

Donovan Brit. Shells, t. 116.

Montagu Test. Brit. p. 147.

Habitat in mari.

Testa præcedenti affinis, alba, lineis coccineis.

First distinguished by Dr. Pulteney, who sent it to Da Costa. It has been found at Weymouth, by Dr. Maton; and in Cornwall and Devonshire, by Mr. Montagu; but not common.

6.

sinuosa. O. testa subglobosa, longitudinaliter striata, auriculis æqualibus. *Linn. Gmel. p. 3319.*

Lister Anim. Angl. t. 5. f. 31. — Conch. t. 172. f. 9.

Petiver Gaz. t. 94. f. 2.

Pennant Brit. Zool. 4. t. 61. f. 65. Pecten Pusio.

Da Costa Brit. Conch. p. 148. t. 10. f. 3, 6. P. distortus.

Pult. in Hutch. Dorset. p. 36. t. 10. f. 3, 6. O. distorta.

Donovan Brit. Shells, t. 34. P. Pusio.

Montagu Test. Brit. p. 148. P. distortus.

Habitat in mari, saxa perterebrans.

Testa ad 2 poll. longa, 1½ lata, sordide-alba, ferruginea, seu violacea, albo et rubro marmorata, margine crenato. Intus alba. *Operculum* oblongatum, planiusculum, striis numerosis evidentioribus, intermediis minoribus. *Fornix* maxime irregularis, sinuosus seu gibbosus. *Auriculæ* æquales, transversim striatæ.

First figured and described by Lister.

This shell does not answer to Linnæus's description of *O. Pusio*, for which it has been mistaken by Pennant.

7.

obsoleta. *O. testa* æquivalvi, uniaurita, pellucida, radiis tenuibus numerosissimis.

Pennant Brit. Zool. 4. n. 66. t. 61. f. 66.

Da Costa Brit. Conch. p. 153. n. 7. *Pecten parvus.*

Donovan Brit. Shells, t. 1. f. 2.

Montagu Test. Brit. p. 149.

Habitat in mari, rarissima.

Testa diametro ¾ poll. colore purpurascens-brunneo, striis minutissimis obliquis. *Margo* denticulatus, rotundatus. *Auricula* pectinata.

First noticed by Pennant; found on the Cornish coast, according to Da Costa.

8.

lævis. *O. testa* suborbiculari, pellucida, lævi, auriculis inæqualibus. t. 3. f. 5.

Pennant Brit. Zool. 4. n. 67.

Montagu Test. Brit. p. 150. t. 4. f. 4.

Habitat in mari.

Testa ¾ poll. longa, tenuis, glabra, rugis nonnullis obsoletis concentricis.

Auriculæ longitudinaliter dense striatæ. *Striæ transversæ* delicatissimæ.

Color sordide-flavus, intus candidus.

First noticed by Pennant, from Anglesea. It has been found in Falmouth and Salcombe Bays, by Mr. Montagu, but rarely.

Pecten

Pecten glaber of Pennant (n. 68) does not answer to the description of *Ostrea glabra* of Linnæus.

Never having met with this species, we are unable to make any additional remarks of our own.

9. *** Rudes, vulgo *Ostreæ* dictæ.
edulis. O. testa semiorbiculata, membranis imbricatis, undulatis, valvula altera plana, integerrima. *Linn. Fauna Suec. n.* 2149. *Syst. Nat. p.* 1148. *n.* 211. *M. L. U. p.* 534. *Linn. Gmel. p.* 3334.
Rond. Aquat. 2. p. 37.
Gesn. Aqu. p. 645.
Aldrovand. Exsang. p. 482.
Merrett Pin. p. 193.
Lister Anim. Angl. t. 4. f. 26.
 — *Conch. t.* 193. *f.* 30. & 194. *f.* 31.
Bonanni Recr. 2. p. 108. *f.* 70.
Sibbald Mus. Balf. p. 161.
Wallace Ork. p. 42.
Leigh Lanc. p. 154.
Smith Cork, p. 318.
Borlase Cornw. p. 274.
Wallis Northumb. p. 394.
Dale Harwich, p. 383.
Gualt. Test. t. 102. *f.* A. B.
Knorr Vergn. 3. t. 24. *f.* 2; & *t.* 25. *f.* 2.
Ginann. Adr. 2. t. 18. *f.* 137.
Bast. Op. subsec. 2. p. 62. *t.* 8. *f.* 1, 2, 8, 9.
Martini Geschichte der Natur. 4 Band.
Pennant Brit. Zool. 4. t. 62. *f.* 70. inf.
Da Costa Brit. Conch. p. 154. *t.* 11. *f.* 6.

Chemn.

Chemn. Conch. 8. t. 74. f. 682.

Wood in Act. Soc. Linn. 6. t. 18. f. 9, 10.

Pulteney in Hutch. Dorset. p. 36. t. 11. f. 6.

Montagu Test. Brit. p. 151.

Habitat in mari, scopulis affixa, aut limo immersa.

Testa vulgaris, rudis, brunnea, intus glabra, alba, nitens; forma et magnitudine plurimum variat. *Cardo* est cavitas ad extremitatem acutiorem. (Linn.)

ANOMIA.

Linn. Syst. Nat. n. 314.

1. *Ephippium*. A. testa suborbiculata, rugoso-plicata, planiore, perforata. *Linn. Syst. Nat.* p. 1150. n. 218. *Linn. Gmel.* p. 3340.

Lister Conch. t. 204. f. 38.

D'Argenv. Conch. t. 19. f. C.

Pennant Brit. Zool. 4. t. 62. fig. superior.

Chemn. Conch. 8. t. 76. f. 694, 695.

Da Costa Brit. Conch. p. 165. t. 11. f. 3.

Favanne Conch. t. 41. B.

Wood in Act. Soc. Linn. 6. t. 18. f. 11, 12.

Pulteney in Hutch. Dorset. p. 37. t. 11. f. 3.

Donovan Brit. Shells, t. 26.

Habitat in mari, testaceis adhærens.

Testa interdum diametro 3 poll. tenera, sublamellata, fragilis, pellucida, alba vel submargaritacea, variis coloribus micans, valde irregularis, corporum quibus adhæret flexuram æmulans, intus ut plurimum virescente-margaritacea. *Operculum* planiusculum, foramine ovato pertusum, ad cardinem fissum.

2. *Squamula*. A. testa orbiculata, integerrima, plana; margine altero gibbo,

gibbo, lævi. *Linn. Fauna Suecica*, n. 2151. *Syst. Nat.*
p. 1151. n. 221. *Linn. Gmel.* p. 3341.

Linn. It. Wgoth. p. 171. Patella.

Pennant Brit. Zool. n. 71.

Da Costa Brit. Conch. p. 167.

Walker Test. Min. Rar. f. 80.

Chemn. Conch. 8. t. 77. f. 696.

Pulteney in Hutch. Dorset. p. 37. t. 13. f. 4.

Montagu Test. Brit. p. 156. & p. 561.

Habitat in mari, super Cancros et Testacea.

Testa diametro $\frac{1}{4}$ poll. tenuissima, lævis, alba seu argentea, pellucida. *Val-*
vula altera convexior, umbone acuto; altera plana, perforata.

An non Testa junior præcedentis?

3.

aculeata. A. testa subrotunda, aculeata, vertice lævi posterius re-
curvo. *Linn. Gmel.* p. 3346.

Gualt. Test. t. 77. fig. inf.

Mull. Zool. Dan. Prodr. p. 3005.

Chemn. Conch. 8. t. 77. f. 702.

Montagu Test. Brit. p. 157. t. 4. f. 5.

Habitat in mari, radicibus algarum adhærens.

Testa diametro $\frac{1}{4}$ poll., subalbida, valva inferiori plana, lævi, ad verticem
perforata. (*Gmel.*)

First noticed as British by Mr. Montagu, in Devon-
shire and Cornwall.

4.

undulata. A. testæ margine crenato, valva planiore tenuissima
lævi, foramine ovali amplo pertusa, convexa, striis
transversis arcuatis longitudinales undulatas decus-
santibus. *Linn. Gmel.* p. 3346.

Lister Anim. Angl. t. 4. f. 27. — *Conch.* t. 202. f. 36.

Mull. Zool. Dan. Prodr. p. 3003?

Da

Da Costa Brit. Conch. p. 162. t. 11. f. 4. O. striata.

Chemn. Conch. 8. t. 77. f. 699.

Encyclop. Method. t. 184. f. 5, 6.

Pulteney in Hutch. Dorset. p. 36. t. 11. f. 4. O. striata.

Donovan Brit. Shells, t. 45. O. striata.

Montagu Test. Brit. p. 153. & p. 157. t. 4. f. 6. & p. 580.

Habitat in mari, testaceis adhærens.

Testa diametro 1 poll., tenuis, pellucida, plana, interdum rufescente-brunnea inter costas versus marginem. Differt ab A. aculeatâ, quod major, et costæ distantiores nunquam spinosæ. (Montagu.)

5.

cymbifor- A. testa oblonga, rudi, substriata, umbone incurvato,
mis. valvula planiore perforata.

t. 3. f. 6. Schröt. Einl. in Conch. 3. t. 9. f. 13.

Habitat in mari.

Testa ½ poll. longa, ½ lata, tenerrima, albida. A. Grypho similis.

Several specimens, all resembling the figure we have given, were discovered by Mr. M'Leay, on the coast of Caithness-shire, N. B.

MYTILUS.

Linn. Syst. Nat. n. 315.

1.

Crista galli. M. testa plicata, spinosa, labro utroque scabro. *Linn. Syst. Nat. p. 1155. n. 243. Linn. Gmel. p. 3350.*

Rumph. Mus. t. 47. f. D.

Gualt. Test. t. 104. f. E.

D'Argenv. Conch. t. 23. f. D.

Sloane Jam. 1. t. 18. f. 1.

Chemn. Conch. 8. t. 75. f. 683, 684; & t. 73. f. 685.

Montagu Test. Brit. p. 166.

Habitat

Habitat in mari, navium carinis affixa.

Testa ferrugineo-opaca, striata punctis elevatis, acute palmata, complicata, digitis profunde incurvis ad angulos acutos antrorsum retrorsumque; intus glabra, notata juxta marginem serie punctorum eminentium, extus armata spinis compressis, quæ intus concava, et ubi attingunt solida adjacentia adhærent instar radicum. *Cardo* simplicissimus, linearis, edentulus, secundum marginem insculptus. (*Linn. Mus. Lud. Utr.* p. 537.)

This species has been found adhering to bottoms of ships. (*Montagu Test. Brit.* p. 167.)

2.

rugosus. *M. testa* rhomboideo-ovali, rugosa, obtusa, antiquata.

Linn. Syst. Nat. p. 1156. n. 249. *Linn. Gmel.* p. 3352.

Lister Anim. Angl. t. 4. f. 21. — *Conch. t. 426. f. 227.*

Pennant Brit. Zool. t. 63. f. 72.

Da Costa Brit. Conch. p. 223.

Schröt. Einl. in Conch. t. 9. f. 14. a. b.

Pulteney in Hutch. Dorset. p. 37. t. 13. f. 5.

Donovan Brit. Shells, t. 141.

Montagu Test. Brit. p. 164.

Habitat in mari, rupes perterebrans.

Testa 1 poll. longa, $\frac{1}{2}$ lata, sed forma et magnitudine variat; rudis, sordide alba sub epidermide flavescente, rugis transversis. *Cardo* versus extremitatem, margine cardinali retundato.

Found plentifully on many of our shores.

3.

edulis. *M. testa* læviuscula, violacea, valvis antè subcarinatis, posterius retusis, umbonibus acuminatis. *Linn.*

Fn. Succ. n. 2156. Syst. Nat. p. 1157. Linn. Gm. p. 3353.

Rondel. Aquat. 2. p. 46.

Aldrov. Ersang. p. 512.

Gesner Aquat. p. 277.

Bellon Aquat. p. 397.

Bonann. Recr. 2. f. 30. *Mus. Kirch.* 2. f. 29.

Lister Anim. Angl. t. 4. f. 28. — *Conch.* t. 362. f. 200.

Mery in Act. Paris. 1711. t. 3. f. 4, 5.

Gualt. Test. t. 91. f. E.

Ginann. Adr. 2. p. 36. t. 23. f. 168.

Knorr Vergn. 4. t. 15. f. 1; & 5. t. 25. f. 1.

Baster Opusc. subseciv. 3. p. 101. t. 11. f. 9, 11.

Pennant Brit. Zool. 4. t. 63. f. 73.

Da Costa Brit. Conch. p. 210. t. 15. f. 5. *M. vulgaris.*

Wood in Act. Soc. Linn. 6. t. 18. f. 13, 14.

Pulteney in Hutch. Dorset. p. 38. t. 12. f. 5.

Donovan Brit. Shells, t. 128.

Montagu Test. Brit. p. 159.

Habitat in mari, vulgatissima, ad scopulos bysso affixa.

Testa lævis, ~~crassa~~, violaceo-nigra. *Valvula* sycabiformis, multum concava, margine altero semicirculari, altero recto ~~et fere concavo~~. *Cardo* fossula intra apicem absque denticulo. Par testarum distinctarum in plano juxta se positarum refert ungulas pecoris binas, medio inter se dehiscentes, basi conjunctas. (*Linn. Mus. Lud. Utr.* p. 541.)

4.

incurva- *M. testa* læviuscula, violacea, valvis incurvatis.

tus. *Lister Conch.* t. 357. f. 195, 196.

t. 3. f. 7. *Pennant Brit. Zool.* t. 64. f. 74.

Montagu Test. Brit. p. 160.

Habitat in mari.

Testa præcedenti affinis, sed vix dimidiam magnitudinem æquans, latior, postice curva. An distincta species?

First noticed as British by Pennant; found on the Devonshire coast.

5. *pelu-*

5.

pellucidus. *M. testa oblonga, lævi, tenerrima, pellucida, longitudinaliter violaceo-radiata.*

Pennant Brit. Zool. t. 63. f. 75.

Chemn. Conch. 8. t. 84. f. 755.

Donovan Brit. Shells, t. 81.

Montagu Test. Brit. p. 160.

Habitat in mari.

Testa 2 poll. longa, 1 lata, albida, sub epidermide futescente. M. eduli affinis, sed tenerrima, lævissima, glaberrima.

First noticed by Pennant. Found in Anglesea, by the Rev. Hugh Davies; and in Flintshire, by Mr. Donovan.

6.

ungulatus. *M. testa lævi, subcurvata; margine posteriori inflexo, cardine terminali, bidentato. Linn. Syst. Nat. p. 1157.*

n. 254. Linn. Gmel. p. 3354.

Lister Conch. t. 364. f. 203.

Gualt. Test. t. 91. f. E.

Regenf. Conch. t. 4. f. 47.

Chemn. Conch. 8. t. 83. f. 736.

Donovan Brit. Shells, t. 128. f. 2.

Habitat in mari, rarissima.

Testa rudis, fragilis, livida, striata transversim quasi ex lineis imbricatis. Sutura postica linea recta excurrit ultra apicem obtusum. Cardo rima longitudine suturæ eique parallela. Par testacum distinctarum, in plano juxta se positarum, refert ungulas pecoris binas medio a se invicem dehiscentes et basi divaricatas. (Linn. Mus. Lud. Utr. p. 341.)

First noticed as British by Mr. Donovan. Found on the coast of Cornwall, by Miss Pocock.

7.

Modiolus. *M. testa lævi, margine anteriore carinato, umbonibus gibbis, cardine sublaterali. Linn. Syst. Nat. p. 1158.*

n. 256. Linn. Gmel. p. 3354.

- Lister Conch. t. 359. f. 128.*
D'Argenv. Conch. t. 22. f. C.
Gualt. Test. t. 91. f. H.
Adans. Seneg. t. 15. f. 1.
Knorr Vergn. 4. t. 15. f. 3.
Pennant Brit. Zool. t. 66. f. 77.
Da Costa Brit. Conch. p. 219. t. 15. f. 5.
Chemn. Conch. 8. t. 85. f. 757.
Pulteney in Hutch. Dorset. p. 38.
Donovan Brit. Shells, t. 23.
Montagu Test. Brit. p. 163.

Testa junior.

- Linn. Fauna Suecica, n. 2157. Syst. Nat. p. 1156. n. 252.*
Linn. Gmel. p. 3353. M. barbatus.
Ginan. Adr. t. 27. f. 169.
Gualt. Test. t. 91. f. H. fig. med.
Pennant Brit. Zool. t. 64. f. 76. A. M. curtus.
Chemn. Conch. 8. t. 84. f. 749.
Pulteney in Hutch. Dorset. p. 38. t. 12. f. 5. dextra.
M. barbatus.
Donovan Brit. Shells, t. 70. M. barbatus.
Montagu Test. Brit. p. 161. M. barbatus.

Habitat in mari.

Testa perniiformis, crassa, rugosa, sub epidermide tenui nigricans, seu fusca.

Margo anterior ad basin longius fere excurrit quam apex; dorsum vero attenuatur versus apicem, qui obtusus. Gibbositas testæ versus dorsum postice flectitur. Cardo fossula intra apicem et marginem anticum, qua itaque non terminalis est. (Linn. Mus. Lud. Ulr. p. 542.)

Testæ juniores antice barbatae; saxis, testaceis onustæ.

First noticed as an English species by Pennant. It is sometimes dredged up from deep water, on various parts of the coast.

Dr.

Dr. Pulteney first suspected *M. barbatus* of Linnæus to be the young of *M. Modiolus*. The truth of this surmise has been confirmed by Mr. M'Leay, who has had an opportunity of examining this species in all the stages of its growth.

8.
umbilica- *M. testa obovata, antiquata, rugosa, margine posteriore*
tus. *alterius valvulæ involuto.*

Pennant Brit. Zool. 4. t. 65. f. 76.

Da Costa Brit. Conch. p. 220. M. curvirostratus.

Donovan Brit. Shells, t. 40.

Montagu Test. Brit. p. 164.

Habitat in pelago.

Testa magnitudine, forma, et colore *M. Modioli*, cui maxime affinis; rudis, crassa, rugosa, epidermide nigricante-fusca; sæpius serpulis aliisque testaceis oblecta. An varietas solum?

Discovered by the Rev. Hugh Davies, off Priestholme Island, Anglesea.

9.
cygneus. *M. testa ovata, antèrius compressiuscula, fragilissima,*
t. 3. A. f. 2. cardine laterali. Linn. Syst. Nat. p. 1158. n. 257.
β. Linn. Gmel. p. 3355.

t. 3. A. f. 3. Lister Anim. Angl. App. t. 1. f. 3. — Conch. t. 156. f. 11.

Gualt. Test. t. 7. f. F.

D'Argenv. Conch. t. 31. f. 10. sin.

Pennant Brit. Zool. t. 67. f. 78.

Da Costa Brit. Conch. p. 214. t. 15. f. 2.

Schröt. Flussconch. t. 3. f. 1.

Chemn. Conch. 8. t. 86. f. 762.

Pulteney in Hutch. Dorset. p. 38. t. 12. f. 2.

Donovan Brit. Shells, t. 55.

Montagu Test. Brit. p. 179.

Habitat

Habitat in rivis et stagnis, frequens.

Testa interdum 3 poll. longa, 6 lata, subpellucida, ad cardinem ventricosa, rugosa, epidermide virescente aut nigricante induta, intus margaritacea.

Differt a *M. anatinus* quod multo major, tenuior, et sæpius convexior.

Varietas β . 2 poll. longa, 3 lata, crassa, ponderosa, rudis, antierius declivis.

Mytilus cygneus and *anatinus* frequently resemble each other so much, that it is with difficulty they are to be distinguished; and there are also many shells which appear to differ from them in some respects, but we have never found the variation sufficient to enable us to form a specific character upon it.

10.

anatinus. *M. testa* ovali, compressiuscula, fragilissima, margine

t. S. A. f. 1. membranaceo, umbonibus decorticatis. *Linn. Fauna*

Suecica, n. 2158. *Syst. Nat.* p. 1158. n. 258. *Linn.*

Gmel. p. 3355.

Lister Anim. Angl. t. 2. f. 29. ——— *App.* t. 1. f. 2.

—— *Conch.* t. 153. f. 8.

Petiver Gaz. t. 93. f. 8.

Gualt. Test. t. 7. f. E.

D'Argenv. Conch. t. 31. f. 10. med.

Pennant Brit. Zool. t. 68. f. 79.

Da Costa Brit. Conch. p. 215.

Schröt. Flusconch. t. 1. f. 2, 3.

Pulteney in Hutck. Dorset. p. 38. t. 13. f. 6.

Donovan Brit. Shells, t. 113.

Montagu Test. Brit. p. 171.

β . *Lister Conch.* t. 154. f. 9?

t. S. A. f. 4. *Montagu Test. Brit.* p. 172. *M. Avonensis*.

Habitat in aquis dulcibus, frequens.

Testa interdum 2 poll. longa, 3 $\frac{1}{2}$ lata, epidermide virescente-fusca, rugis transversis

transversis rudis, antice compressa, productior, postice rotundata; intus margaritacea.

Varietas β . $1\frac{1}{2}$ poll. longa, 3 poll. lata, margine anteriore rectiusculo seu subarcuato, cardine versus extremitatem posteriorem.

11.

discors. *M.* testa ovali, cornea, subdiaphana, antice longitudinaliter, postice transversaliter, striata. *Linn. Syst. Nat.* t. 3. f. 8. p. 1159. n. 261. *Linn. Gmel.* p. 8356.

Da Costa Brit. Conch. p. 221. t. 17. f. 1.

Born Mus. p. 121. vign.

Chemn. Naturf. 10. t. 1. f. 8.

— *Conch.* 8. t. 86. f. 764. 767.

Pulteney in Hutch. Dorset. p. 38. t. 2. f. 1.

Donovan Brit. Shells, t. 25.

Montagu Test. Brit. p. 167.

β . *Montagu Test. Brit.* p. 169. *M. discrepans*.

t. 3. f. 9. *Habitat* in mari, sæpius epidermide *Ascidie Mentulæ*, vel testaceis, et fucis, bysso adhærens.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, alba, rufescente-maculata, sub epidermide olivacea, tenuissima, fragilissima. Testa tribus areis distinguitur. *Area antica* striis constat ab umbonibus ad marginem anteriorem anticum, longitudinalibus; *tertia* ab umbonibus ad marginem anteriorem posticum, fere transversalibus; *intermedia* vel striis obsolete transversalibus vel plane nullis. (*Linn.*)

Varietas β . minor, minus convexa, antice rotundata, latior, striis solum 8 vel 9 in area juxta umbores; absque maculis.

First noticed as British by Dr. Pulteney, who sent it to Da Costa. Found sparingly on the Western coast. The variety was first noticed by Mr. Montagu, and is found at Southampton, Poole, and Ilfracombe, Devon; and on the S. coast of Wales.

12. *præcisus*.

12.

præcisus. M. testa oblonga, difformi, rugosa, cardine ad extremitatem.

Montagu Test. Brit. p. 165. t. 4. f. 2.

Habitat in mari, radicibus algarum adhærens, vel rupes perterebrans.

Testa præcedenti affinis, facie *Solenis* minuti, $\frac{1}{4}$ poll. longa, $\frac{1}{4}$ lata, sæpius minor, umbonibus prominentibus, margine cardinali truncato, valvula altera majore. Interdum utrinque truncata. *Cardo* rugosus, inflexus, cum foramine sub margine. (*Montagu.*)

A new species, discovered by Mr. Montagu on the Devonshire coast, and in Wales.

13.

striatus. M. striatus, umbonibus productis. *Walker Test. Min. Rar. f. 75.*

Montagu Test. Brit. p. 173.

Habitat in mari.

Testa pellucida, alba. (*Walker.*)

Found, according to the above author, at Reculver and Sandwich.

PINNA.

Linn. Syst. Nat. n. 316.

1.

ingens. P. testa rugosissima, rugis concentricis irregularibus longitudinaliter a rostro decurrentibus, et versus cardinem angulo recto inflexis. *Montagu Test. Brit. p. 180.*

Pennant Brit. Zool. 4. n. 81.

Donovan Brit. Shells, t. 152. P. lævis.

Habitat in mari.

Testa 1 ped. longa, 7 poll. lata, opaco-fusca.

Variat interdum striis 7 vel 8 remotis, spinosis.

This species has been found on the Devonshire coast, by Mr. Montagu, and received from the coast of Shetland, by Mr. M'Leay.

Specimens

Specimens from Scotland and the Western coast do not appear to differ; and there is great probability that this is the species mentioned by Pennant.

2.

pectinata. P. testa dimidia longitudinaliter striata, latere altero transverse subrugoso. *Linn. Syst. Nat.* p. 1160. n. 264.

Linn. Gmel. p. 3364.

Gualt. Test. t. 79. f. A.

Seba Mus. t. 91. f. 3.

Pennant Brit. Zool. 4. t. 69. f. 80.

Da Costa Brit. Conch. p. 240. t. 16. f. 3.

Chemn. Conch. 8. t. 37. f. 770.

Pulteney in Hutch. Dorset. p. 39. t. 3. f. 3.

Donovan Brit. Shells, t. 10.

Montagu Test. Brit. p. 178.

Habitat in mari.

Testa 6 poll. longa, 3 lata, tenuis, fragilis, coloris cornei, ad basin cæruleo-viridis vel purpureo variegata; striis 10 vel 12 elevatis; spinis concavis ab apice ad marginem decurrentibus. Testæ pars tertia expers spinarum, rugosa, oblique striata.

Found on the Western coast, but not common.

3.

muricata. P. testa striata; squamis concavis, ovatis, acutis. *Linn.*

Syst. Nat. p. 1160. n. 266. *Linn. Gmel.* p. 3364.

Lister Conch. t. 370. f. 210; & t. 374. f. 215.

Rumph. Mus. t. 46. f. M.

Seb. Mus. 3. t. 92. ser. 1. f. prim. et ult.

Gualt. Test. t. 79. f. D.

Chemn. Conch. 8. t. 87. f. 769.

Pulteney in Hutch. Dorset. p. 39.

Montagu Test. Brit. p. 183. t. 5. f. 3.

Habitat in mari.

Testa pellucida; striis plurimis, elevatis, alternis, versus apicem echinatis; squamis

squamis 6 ad 8, parvis, acutis, patulis, concavis. (*Linn. Mus. Lud. Utr. p. 195.*) Testæ juniores læves.

Found near Weymouth, Dorset, by Dr. Pulteney.

NAUTILUS.

Linn. Syst. Nat. n. 318.

1. * spirales, rotundati : anfractibus contiguis.

lacustris. N. testa spirali, compressa, umbilicata, carinata; anfractibus tribus, supra convexis contiguis; apertura semiovata; septis triradiato-perforatis. *Lightfoot in Act. Angl. t. 76. t. 1. f. 1—7.*

Walker Test. Min. Rar. t. 1. f. 28.

Montagu Test. Brit. p. 191. t. 6. f. 3.

Habitat in aquis dulcibus.

Testa diametro $\frac{1}{4}$ poll. tenera, pellucida, incola vivente rufescente-brunnea, lineis 3 vel 4 albis ab umbilico ad marginem decurrentibus. *Incola* Limax, antennis filiformibus, oculis capiti infixis juxta antennarum bases, ut in aquaticis. (*Lightfoot.*)

Discovered by Mr. Boys on flags in Hernhill brooks, Kent. Found on the roots of *Carices*, near Eton, Buckinghamshire, by Mr. Agnew; and in the marshes near Rotherhithe, by Mr. Swainson.

2.

rotatus. N. testa spirali, lævi; apertura semicordata; geniculis sex; striis flexuosis, elevatis, notatis; carina integerrima.

Planc. Conch. t. 1. f. 12. 13?

Martini Conch. t. 20. f. 180. 181?

Montagu Test. Brit. p. 189. t. 15. f. 4. N. Calcar.

Habitat in mari.

This species has been imagined to be the *N. Calcar* of Linnæus, but it does not agree either with his description or with the figures which he refers to.

3. *læviga-*

3.
lævigatulus. N. testa spirali; geniculis lævibus. *Walker Test. Min. Rar. t. 3. f. 67.*

Montagu Test. Brit. p. 188. — Supplem. t. 18. f. 7. 8.

Habitat in mari.

Testa semipellucida, alba, glaberrima.

Found at Sandwich and Seasalter; not common. (*Walker.*)

We are unable to add to the above imperfect description, never having obtained this species.

4.
depressulus. N. testa spirali, utrinque subumbilicata; geniculis depressis, plurimis. *Walker Test. Min. Rar. t. 3. f. 68.*

Adams Microsc. p. 641. t. 14. f. 33.

Montagu Test. Brit. p. 190. — Supplem. t. 18. f. 9.

Habitat ad littora arenosa.

Testa opaca, albâ.

From Reculver, in Kent; very rare. (*Walker.*)

5.
umbilicatus. N. testa spirali, umbilicata; geniculis sulcatis. *Walker Test. Min. Rar. t. 3. f. 69.*

Adams Microsc. p. 641. t. 14. f. 34.

Montagu Test. Brit. p. 191. — Supplem. t. 18. f. 1.

Habitat in mari.

Testa opaca, alba.

From Sandwich; not common. (*Walker.*)

Neither this species nor the preceding have ever fallen under our notice.

6.
crispus. N. testa spirali; apertura semicordata; anfractibus contiguis; geniculis crenatis. *Linn. Syst. Nat. p. 1162. n. 275. Linn. Gmel. p. 3370.*

Planc. Conch. t. 1. f. 2.

Gualt. Test. t. 19. f. A. D.

Ginann. Adriat. t. 14. f. 112.

Lederm. Micr. t. 8. f. b.

Walker Test. Min. Rar. t. 3. f. 65.

Martini Conch. t. 20. f. 172—174.

Soldani Testaceog. t. 33. f. F.; & t. 34. f. G. H.

Favanne Conch. t. 69. D. 2.

Adams Microsc. p. 640. t. 14. f. 30.

Fichtel & Moll Test. Micr. t. 4. f. d. e. f.

Montagu Test. Brit. p. 187. — Supplem. t. 18. f. 5.

Pulteney in Hutch. Dorset. t. 19. f. 29.

Habitat in mari.

Testa minuta, utrinque aequalis et umbilicata, striata, striis elevatis, dorso carinato.

Found on the Kentish coast; at Teignmouth and Salcombe, Devonshire; in the Isle of Purbeck, and at Weymouth, Dorset; and on the South coast of Wales.

7.

Beccarii. N. testa spirali, apertura obovata, anfractibus contiguis torulosis, geniculis insculptis. Linn. Syst. Nat. p. 1162. n. 276. Linn. Gmel. p. 3370.

Planc. Conch. t. 1. f. 1.

Gualt. Test. t. 19. f. H. I. H.

Ginan. Adr. 2. t. 14. f. 111.

Lederm. Micr. t. 8. f. a.; & t. 4. f. b.

Martini Conch. 1. t. 19. f. 178. 179; t. 20. f. 175—177.

Walker Test. Min. Rar. t. 3. f. 63.

Favanne Conch. t. 69. f. D. 2.

Murray in Amæn. Acad. 8. t. 2. f. 16.

Adams Microsc. p. 640. t. 14. f. 29.

Schröt. Inn. Bauder See. t. 1. f. 3.

Montagu Test. Brit. p. 186. — Supplem. t. 18. f. 4.

Pulteney in Hutch. Dorset. t. 19. f. 28.

β perversus. Walker Test. Min. Rar. t. 3. f. 64.

Martini

Martini Conch. 1. t. 19. f. 178. 179.

Montagu Test. Brit. p. 187. — *Supplem.* t. 18. f. 6.

Habitat in mari, fucis et testaceis adhærens, frequens.

Testa minuta, alba, pellucida, sub epidermide brunnea.

Varietas β anfractibus contrariis.

First noticed on the British shores by Mr. Boys.

8.

crassulus. N. testa crassa, utrinque umbilicata, geniculis lineatis.

Walker Test. Min. Rar. t. 3. f. 70.

Adams Microsc. p. 641. t. 14. f. 35.

Martini Conch. 1. t. 19. f. 171.

Montagu Test. Brit. p. 191; & *Supplem.* t. 18. f. 2.

Habitat in mari.

Testa opaca, alba.

From Reculver; exceedingly rare. (*Walker.*)

9.

lobatulus. N. testa planiuscula, minuta, confluenta, verrucosa, spirali, isthmis intercepta: septis semilunaribus tenerimis. *Linn. Gmel.* p. 3739. *Serpula Nautiloides*.

Schröter n. Litterat. 3. t. 3. f. 22. 23.

Montagu Test. Brit. p. 516. *Serpula lobata*.

Habitat in mari, fucis, testaceis, bysso, *Pinnæ ingenti* adhærens.

Testa diametro 1 lin. alba, vel flavescens, figura inconstante, nunc magis orbiculari, nunc magis oblonga, supra convexa, subtus plana, lobis 6—7—8, parallelis. *Apertura* angustissima.

The structure of this shell is so obviously that of a *Nautilus*, that, notwithstanding its being usually found attached to other bodies, it cannot, with propriety, be placed among the *Serpulae*. We agree, therefore, with Dr. Turton (whose trivial name we have adopted) in transferring it to the genus *Nautilus*.

10. *semili-*

10. ** elongati, rectiusculi.
semili- N. testa recta, apice incurvato-spirali, anfractibus con-
tuus. tiguus. *Linn. Syst. Nat. p. 1163. n. 280. Linn. Gmel.*
 p. 3372.
 Column. Phytob. t. 38. f. D.
 Planc. Conch. t. 1. f. 10.
 Martin. Conch. 1. t. 20. f. 186. 187.
 Walker Test. Min. Rar. t. 3. f. 73.
 Adams Microsc. p. 642. t. 14. f. 38.
 Montagu Test. Brit. p. 196; & Supplem. t. 19. f. 3.
 Habitat in mari.
 Testa minuta, brunnea; geniculis elevatis; siphone producto, minimo.
 From Sandwich and Sheppy Island; rare. Found by
 Mr. Boys.
11.
carinatu- N. testa oblonga, carinata; apertura lineari, ovali.
lus. *Walker Test. Min. Rar. t. 3. f. 72.*
 Adams Microsc. p. 642. t. 14. f. 37.
 Montagu Test. Brit. p. 195.
 Habitat in mari.
 Testa albida, diaphana, vitrea.
 From Seasalter and Sandwich; very rare. (*Walker.*)
12.
Legumen. N. testa compressa articulata, hinc marginata: siphone
 lateralis. *Linn. Syst. Nat. p. 1164. n. 288. Linn. Gmel.*
 p. 3373.
 Planc. Conch. 8. t. 1. f. 7.
 Gualt. Test. t. 19. f. P.
 Lederm. Micr. t. 8. f. g.
 Martin. Conch. 1. vign. 1. f. e. E. I.
 Montagu Test. Brit. Supplem. t. 19. f. 6.
 Habitat in mari.

Testa

Testa minuta, subconica, apice ad alterum latus cultrato, ad alterum leviter arcuato. (*Gmelin.*)

Found by Mr. Montagu.

13.

rectus. N. testa subarcuata; geniculis lævibus, depressis.

Walker Test. Min. Rar. t. 3. f. 74.

Montagu Test. Brit. p. 197. — Supplem. t. 19. f. 4. & f. 7.

Habitat in mari, rarissima.

Testa $\frac{1}{6}$ poll. longa, crassa, opaca, brunnea, cameris inconspicuis.

Found at Sandwich, by Mr. Boys.

14.

Radicula. N. testa recta, oblongo-ovata, articulis torosis; glabris.

Linn. Syst. Nat. p. 1164. n. 285. Linn. Gmel. p. 3373.

Planc. Conch. t. 1. f. 5.

Lederm. Micr. t. 8. f. e; & t. 4. f. r. s.

Martini Conch. 1. vign. 166.

Montagu Test. Brit. p. 197. t. 6. f. 4; & t. 14. f. 6.

Habitat in mari.

Testa minuta, opaca, brunnea, lævis; geniculis 2 ad 5. *Articulus* primus nunc globosus, nunc conicus. *Apex* nunc obtusus, nunc acutus.

Found at Sandwich, by Mr. Boys.

15.

subarcuat. N. testa subcylindrica, subarcuata; articulis tribus globosis, reliquis indistinctis.

Montagu Test. Brit. p. 198. t. 6. f. 5.

Lederm. Micr. t. 4. f. S.

Habitat ad littora.

Testa $\frac{1}{6}$ poll. longa, alba, pellucida, glabra, interdum sub epidermide brunnea. *Sipho* productus.

Found at Sandwich, Kent, by Mr. Boys.

16.

jugosus. N. testa subcylindrica, subarcuata, articulis novem globosis, costatis. *Montagu Test. Brit. p. 198. t. 14. f. 4.*

Gualt. Test. t. 19. f. N?

Martin. Conch. 1. vign. 1. f. H. h.

Linn.

Linn. Gmel. p. 3372. N. obliquus.

Montagu Test. Brit. p. 198.

Habitat in mari.

Testa ½ poll. longa, opaca, brunnea, apice producto.

Found by Mr. Boys, on the Kentish coast.

17.

costatus. N. testa recta, subcylindrica; articulis duodecim torosis, costatis. Montagu Test. Brit. p. 199. t. 14. f. 5.

β ——— *Supplem. t. 19. f. 2.*

Habitat in mari.

Testa ½ poll. longa, costis quatuor æquidistantibus, longitudinalibus.

Varietas β articulis sex.

Found by Mr. Boys, on the Kentish coast.

CYPRÆA.

Linn. Syst. Nat. n. 320.

1.

Pediculus. C. testa marginata, transversim sulcata. Linn. Syst. Nat. p. 1180. n. 364. Linn. Gmel. p. 3418.

Borlase Cornw. t. 28. f. 12.

Da Costa Brit. Conch. p. 32. t. 2. f. 6.

Donovan Brit. Shells, t. 43.

β minor, pallida, purpurascens, seu carnaria, absque maculis.

Lister Anim. Angl. t. 3. f. 17. — Conch. t. 707. f. 57.

Borlase Cornw. t. 28. f. 13.

Martini Conch. t. 29. f. 308—9.

Pennant Brit. Zool. t. 70. f. 82.

Encyclop. Method. t. 356. f. 1.

Pulteney in Hutch. Dorset. p. 39. t. 22. f. 6. Cyp. arctica.

Montagu Test. Brit. p. 201. Cyp. arctica.

Habitat in mari.

Testa magnitudine pisi, subovata, rotundata, maculis tribus subfuscis.

First noticed by Borlase.

Linnaeus

Linnæus has noticed that the European shells want the longitudinal furrow; and he appears to have been acquainted with the variety above mentioned, which, he says, is without spots.

2.
bullata. C. testa subglobosa, lævi.

Montagu Test. Brit. p. 202. *t.* 6. *f.* 1.

Habitat in mari, rarior.

Testa vix magnitudine pisi, candidissima, diaphana, glabra, interdum obsolete striata. *Spira* acutiuscula. *Rima* utrinque dentata, dentibus acutiusculis. An distincta species? vel testa junior præcedentis?

Found at Tenby, S. Wales, by Mr. Adams; and in Salcombe Bay, Devon, by Mr. Montagu.

BULLA.

Linn. Syst. Nat. n. 321.

1.
patula. B. testa birostri, margine plano, rostris inæqualibus.

Martin. Conch. 1. t. 23. *f.* 217. a. b?

Pennant Brit. Zool. 4. t. 70. *f.* 85. A.

Encyclop. Method. t. 337. *f.* 1.

Pulteney in Hutch. Dorset. p. 40. *t.* 12. *f.* 8.

Donovan Brit. Shells, t. 143.

Montagu Test. Brit. p. 207.

Habitat in mari.

Testa 1 poll. longa, $\frac{1}{2}$ poll. lata, alba, pellucida, lævisseima, fragilis; altera extremitate quasi truncata. *Columella* subumbilicata.

Found at Weymouth, according to Pennant and Dr. Pulteney.

2.
aperta. B. testa subrotunda, pellucida, transversim substriata, tota hiantē. *Linn. Syst. Nat. p.* 1183. *n.* 376. *Linn. Gmel. p.* 3424.

Gualt. Test. t. 13. f. E. E.

Martin. Conch. 1. p. 266. vign. 13. f. 3.

Schröt. Einl. in Conch. t. 1. f. 8. a. b.

Da Costa Brit. Conch. p. 30. t. 2. f. 3.

Chemn. Conch. 10. t. 146. f. 1354. 1355.

Pulteney in Hutch. Dorset. p. 40. t. 22. f. 3.

Donovan Brit. Shells, t. 120. f. 1.

Montagu Test. Brit. p. 208.

Habitat in mari.

Testa diametro $\frac{1}{4}$ —1 poll. tenuis, fragilis, pellucida. *Columella* potius inflexa quam involuta. *Umbilicus* nullus. *Rima* patentissima.

First noticed as British by Da Costa. Not uncommon on many parts of the Western and Southern coasts. Mr. Donovan has found it below Tenby, in Caermarthenshire.

3.

Catena. B. testa ovali, pellucida, transversim striata; spira obtusa.

Adams in Act. Soc. Linn. 5. t. 1. f. 6, 7, 8. B. punctata?

Montagu Test. Brit. t. 7. f. 7.

Habitat in mari.

Testa minuta, *B. apertae* similis, candida, striis transversis, punctatis, catenam æmulantibus: hæ striæ oculo armato solum discernendæ sunt. *Apertura* ampliata, versus apicem angustata.

Found among sand in Bigberry Bay, Devon, by Mr. Montagu; and at Tenby, S. Wales, by Mr. Adams.

4.

emarginata. B. testa gibba; apertura emarginata. Adams in Act.

Soc. Linn. 5. t. 1. f. 9, 10, 11.

Habitat in mari.

Found near Pembroke. (*Adams.*)

5.

denticulata. B. testa oblonga, subæquali, obtusa, lævi, apertura ad apicem denticulata, acutissima. Adams in Act. Soc.

Linn. 5. t. 1. f. 3, 4, 5.

Habitat

Habitat in mari.

Testa pellucida, alba.

Found near Pembroke; "not common." (*Adams.*)

The above two species appear to have been noticed only by the late Mr. Adams.

6.

Plumula. *B. testa depressa, ovato-oblonga, aperta.*

Montagu Test. Brit. p. 214. t. 15. f. 9.

Habitat in mari.

Testa $\frac{1}{4}$ poll. longa, $\frac{1}{2}$ lata, tenuis, pellucida, flavescens-alba, striis concentricis rugosa, costis 2 vel 3 fere oblitteratis a margine ad apicem, intus rugosa. *Spira* vix conspicua.

A new species, discovered by Mr. Montagu, at Milton Sands, South Devon.

7.

Haliotoi- *B. testa subovali, pellucida; apertura ovali, dilatata.*

dea. Montagu Test. Brit. p. 211. t. 7. f. 6.

*Pulteney in Hutch. Dorset. t. 22. f. 5.**

Habitat in mari.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{2}$ poll. lata, alba, tenuissima, obsolete rugosa, omnino facie *Haliotidis*. *Spira* obsoleta, anfractibus vix duobus. *Apex* contortus.

Discovered in Salcombe Bay, and at Torcross, Devonshire; and on Studland Beach, Dorset, by Mr. Montagu. Found at Weymouth, by Mr. Bryer.

8.

Hydatis. *B. testa rotundata, pellucida, longitudinaliter substriata, vertice umbilicato. Linn. Syst. Nat. p. 1183. n. 377.*

Linn. Gmel. p. 3424.

Gualt. Test. t. 13. f. D D.

Martin. Conch. 1. t. 21. f. 199.

Da Costa Brit. Conch. p. 23. t. 1. f. 10. B. Navicula.

Chemn. Conch. 9. t. 118. f. 1019.

Pulteney in Hutch. Dorset. p. 40. t. 23. f. 10.

Donovan Brit. Shells, t. 88.

Montagu Test. Brit. p. 217.

Habitat in mari.

Testa diametro fere 1 poll. tenuis, fragilissima, globosa; colore corneo vel stramineo, interdum epidermide ferruginea. Spira nulla. Umbilicus antice imperforatus. Rima ovato-oblonga, versus apicem angustata.

Not uncommon on the Western coast.

9.

Ampulla. B. testa rotundata, opaca, vertice umbilicato. Linn.

Syst. Nat. p. 1183. n. 378. Mus. Lud. Ulr. n. 220.

Linn. Gmel. p. 3424.

Bonann. Recr. 3. f. 3.

Grew Mus. t. 9. f. 7, 8.

Lister Conch. t. 714. f. 72.

Petiver Gaz. t. 50. f. 13; & t. 99. f. 14.

Rumph. Mus. t. 27. f. G.

Gualt. Test. t. 12. f. 1.

Lesser Testaceoth. f. 31.

Mus. Gottwald. t. 4. c. 4. f. 56—59.

Adans. Seneg. t. 1. f. 2.

Pennant Brit. Zool. 4. n. 84.

Favanne Conch. t. 27. f. F. 6.

Murray in Amæn. Acad. 8. t. 2. f. 9.

Knorr Vergn. 2. t. 8. f. 15.

Martin. Conch. 1. t. 22. f. 202—204.

Encyclép. Method. t. 358. f. 2.

Montagu Test. Brit. p. 206. t. 7. f. 1.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, albida, castaneo-nebulosa. Spira nulla.

English specimens are smaller than the *B. Ampulla* described by Linnæus.

Found by Mr. Montagu, in sand, from Falmouth harbour; but rare.

10. *lignaria.*

10.

lignaria. *B. testa* obovata, oblongiuscula, transverse striata, vertice subumbilicato. *Linn. Syst. Nat.* p. 1184. n. 379.

Linn. Gmel. p. 3425.

Lister Conch. t. 714. f. 71.

Borlase Cornw. t. 28. f. 14.

Knorr Vergn. 6. t. 37. f. 4, 5.

Martin. Conch. t. 21. f. 195.

Pennant Brit. Zool. t. 70. f. 83.

Da Costa Brit. Conch. p. 26. t. 1. f. 9.

Humphry in Act. Soc. Linn. 2. p. 15. t. 2. f. 13.

Encyclop. Method. t. 359. f. 3.

Pulteney in Hutch. Dorset. p. 40. t. 23. f. 9.

Montagu Test. Brit. p. 205.

Habitat in mari.

Testa rarius 2 poll. longa; colore fere ligneo vel flavesciente-brunneo, striis minutissimis albis exarata, intus alba. *Spira* nulla. *Umbilicus* obsoletus. *Rima* versus apicem angustata.

Found at Weymouth, Dorset, and in Cornwall and Devonshire; rare.

11.

Akera. *B. testa* ovata, pellucida; vertice truncato canaliculato.

Linn. Gmel. p. 3434.

Chemn. Conch. 10. t. 146. f. 1358. 1, 2, 3.

Donovan Brit. Shells, t. 79. *B. resiliens*.

Montagu Test. Brit. p. 219.

Pulteney in Hutch. Dorset. t. 22. f. 13.

Habitat in mari.

Testa magnitudine nucis avellanæ, cornea, tenuissima, elastica, longitudinaliter obsolete rugosa, transversim (oculo armato) minutissime striata.

Apex retusus. *Rima* apice angustata.

Found on the shores of Bamff, in Scotland; at Ly-mington, by Mr. Keate; at Portsmouth, Hants, by Mr. Laskey; at Poole, Dorset; and near Southampton, by Mr. Montagu.

12. *diaphana*.

12.

diaphana. B. testa ventricosa ; spira acuta, vix producta.*Pennant Brit. Zool.* 4. t. 71. f. 87? V. Jonensis.*Montagu Test. Brit.* p. 225. t. 7, f. 8.*Habitat*, rarior, in mari.*Testa* $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, alba, pellucida, nitida, tenuissima, fragilissima.*Spira* anfractibus tribus parum prominentibus. *Apertura* subovalis.

Found by Mr. Montagu, in Salcombe Bay, Devon.

13.

fontinalis. B. testa ovata, pellucida, contraria ; spira obsoleta ;
apertura ovato-oblonga. *Linn. Fauna Suecica*, n. 2160.*Syst. Nat.* p. 1185. n. 386. *Linn. Gmel.* p. 3427.*Lister Anim. Angl.* t. 2. f. 25. — *Conch.* t. 134. f. 34.*Gualt. Test.* t. 5. f. C. C.*Muller Verm.* p. 167. n. 353.*Da Costa Brit. Conch.* p. 96. t. 5. f. 6.*Favanne Conch.* t. 61. f. E. 9?*Montagu Test. Brit.* p. 226.*Pulteney in Hutch. Dorset.* p. 40. t. 21. f. 6.*Habitat* in rivis et stagnis, plantis aquaticis adhærens.*Testa* $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, ventricosa, ovata, pellucida, flava, fragilissima, ut vix tactum ferat. *Apertura* ovato-oblonga, fere longitudinalis. *Anfractus* infimus ventricosus, reliqui vix prominentes. *Mucro* obtusissimus est. *Spiræ* sinistrorsum incedunt. (*Linn.*)

14.

rivalis. B. testa ovali, pellucida, sinistrorsa ; spira prominula,
acuta ; apertura ovato-oblonga.*Favanne Conch.* t. 61. f. E. 6?*Schröt. Flussconch.* t. 6. f. 16. a. h.*Chemn. Conch.* 9. t. 103. f. 877, 878.*Habitat* in rivis et stagnis.*Testa* $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, pellucida, flava, fragilissima, *B. fontinali* affinis, sed ut plurimum major, exacte ovalis. *Mucro* acutus. *Apertura* magis coarctata versus apicem.

Found by Mr. James Hay, in Hampshire.

15. *Hypnorum*.

15.

Hypno- B. testa ovata, pellucida, sinistrorsa; spira prominente;
rum. apertura ovato-lanceolata. *Linn. Fauna Suecica*,
n. 2159. *Syst. Nat.* p. 1185. n. 387. *Linn. Gmel.* v. 3428.

Petiver Gaz. t. 10. f. 8.

Lister Conch. t. 1059. f. 5.

Schröt. Flussconch. t. 6. f. 9.

Walker Test. Min. Rar. t. 2. f. 54.

Muller Verm. p. 169. n. 354. *Planorbis turritus*.

Chemn. Conch. 9. t. 103. f. 882, 883.

Montagu Test. Brit. p. 228.

Pulteney in Hutch. Dorset. t. 18. f. 20.

Habitat in aquis dulcibus.

Testa longitudine seminis avenæ, sed crassior, pellucida, subflava, tenerrima, prominens, oblonga, minus acuta, spiris seu anfractibus quatuor, sinistrorsum flexis. *Apertura* oblonga est, cum spiræ infimæ latitudo superat totum corpus testæ superioris. (*Linn.*)

Figured and described by Petiver, who says it is found at Mitcham, Surrey; and in ponds and ditches about London. Found near Exeter, and in Wiltshire, of a large size, by Mr. Montagu. We have received it from Kent.

16.

cylindra- B. testa cylindrica, lævi, apertura angustissima.

cea. *Lister Conch.* t. 714. f. 70. b. c.

Pennant Brit. Zool. 4. t. 70. f. 85.

Pulteney in Hutch. Dorset. p. 40. t. 18. f. 22.

Donovan Brit. Shells, t. 120. f. 2.

Habitat in mari.

Testa $\frac{1}{4}$ poll. longa, vix $\frac{1}{4}$ lata, alba, pellucida, nitida. *Apertura* linearis, basi paululum ampliata. *Spira* vix apparet.

First noticed by Lister, who had it from Barnstaple, Devon. Found at Weymouth, by Dr. Pulteney; at Falmouth,

Falmouth, Teignmouth, and Biddeford, by Mr. Montagu; near Ilfracombe, Devon, by the Rev. T. Rackett.

This species must not be confounded with *B. cylindrica* of Gmelin.

17.
obtusa.

B. testa subcylindrica, spira prominula.

Walker Test. Min. Rar. t. 3. f. 62. perperam.

Montagu Test. Brit. p. 223. t. 7. f. 3. bene.

Habitat in mari.

Testa ad $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, alba, opaca, versus spiram angustior. *Aper- tura* linearis, latior ad basin.

First noticed by Mr. Boys, at Sandwich. Found in abundance near Southampton; at Llaugharne, Caermarthenshire; and sparingly at Salcombe, Devon, by Mr. Montagu. We have received it from Chester, and have found it at Poole and Weymouth, Dorset.

18.
retusa.

B. testa subcylindrica, spira retuso-umbilicata.

Adams in Act. Soc. Linn. 5. t. 1. f. 1, 2. B. truncata.

Montagu Test. Brit. p. 223. t. 7. f. 5. B. truncata.

Pulteney in Hutch. Dorset. t. 18. f. 13.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, alba, versus apicem longitudinaliter striata, medio coarctata. *Apex* truncatus.

Discovered by Mr. Adams, near Pembroke. Found by Mr. Montagu, at Falmouth, in Cornwall; in Salcombe Bay, Devon; and at Weymouth, Dorset.

We have not retained the specific name of *truncata*, given to this shell by Mr. Adams, on account of its having been pre-occupied by Gmelin for a very different species, originally described by Kaëmmerer, in the Rudolstadt cabinet.

19. *umbili-*

19.
umbilica- B. testa oblongo-ovali, apice obtuso-umbilicata.
ta. *Montagu Test. Brit. p. 222. t. 7. f. 4.*
Habitat in mari, rarior.
Testa $\frac{1}{2}$ poll. longa, $\frac{1}{8}$ lata, alba, tumidiuscula. *Apertura* apice angustis-
sima, basi dilatior.
Discovered by Mr. Montagu, at Falmouth.

VOLUTA.

Linn. Syst. Nat. n. 322.

1. • *Apertura integra.*
tornatilis. V. testa coarctata, ovata, substriata: spira elevata, acu-
tiuscula; columella uniplicata. *Linn. Syst. Nat. p. 1187.*
n. 394. Linn. Gmel. p. 3437.
Lister Conch. t. 835. f. 58.
Knorr Vergn. 6. t. 19. f. 4.
Schröt. n. Litteral. 3. t. 2. f. 12, 13.
Pennant Brit. Zool. t. 71. f. 86.
Da Costa Brit. Conch. p. 101. t. 8. f. 2. T. ovalis.
Martin. Conch. 3. t. 43. f. 442, 443.
Pulteney in Hutch. Dorset. p. 41. t. 14. f. 2.
Donovan Brit. Shells, t. 57.
Montagu Test. Brit. p. 231.
Habitat in mari.
Testa vix magnitudine olivæ, lævis, colore rubicundo, fasciis 2 albis; striis
capillaceis numerosis longitudinalibus. *Apertura* oblonga, parum de-
hiscens.

First described as English by Da Costa; he notes it from Devonshire. Found at Weymouth, Dorset; Anglesea, North Wales; Torcross, Devon; Llaugharne, Caermarthenshire; and in Scotland.

Gmelin refers to the figures of Lister and Martini,

for *V. tornatilis*; and to the same figures for his *V. bifasciata*, p. 3436.

2.
denticu- V. testa ovata; spira elevata, acutiusculæ; columella tri-
lata. plicata; labio denticulato.

Walker Test. Min. Rar. t. 2. f. 50; & f. 52. testa junior.

Montagu Test. Brit. p. 234. ——— Supplem. t. 20. f. 5.

Donovan Brit. Shells, t. 138. V. triplicata.

Pulteney in Hutch. Dorset. t. 18. f. 1.

Habitat in paludibus salinis, juncorum radicibus, algis adhærens.

Testa fere $\frac{1}{2}$ poll. longa, vix $\frac{1}{2}$ lata, glabra, colore corneo, ad apicem pur-
purascente. *Testæ* juniores gaudent columella uniplicata, carent
labio denticulato.

Found in marshes, near Faversham, by Mr. Boys;
plentifully on the shore between Plymouth and Dock,
at Barnstaple and Ilfracombe, Devon, near Aberavon,
S. Wales, and at Southampton, by Mr. Montagu; and
at Weymouth, by Mr. Bryer.

3.
alba. V. testa ovali, spira obtusa, apertura coarctata.

Walker Test. Min. Rar. f. 61.

Adams Microsc. t. 14. f. 27.

Montagu Test. Brit. p. 235.

Habitat in mari.

Testa $\frac{1}{6}$ poll. longa, alba, opaca, glabra, longitudinaliter striata.

From Sandwich and Sheppy Island.

We have never obtained this species. In Walker's
figure the *columella* does not appear to be plicated.

4.
spiralis. V. testa conica, anfractu primo ad basin costis trans-
versis spiralibus, versus apicem longitudinalibus.

Test. Min. Rar. f. 46.

Adams in Act. Soc. Linn. 3. p. 253?

Montagu

Montagu Test. Brit. p. 323. t. 12. f. 9.

Habitat in mari.

Testa 1 lin. longa, lata, pellucida, glabra, alba. *Anfractus* planiusculi; *suturæ* linea elevata. *Apex* obtusior.

First found by Mr. Boys, at Sandwich, and since by Mr. Montagu, in Salcombe Bay, Devon; rare.

5.

unidentata. V. testa conica, lævi; anfractibus 5 vel 6 depressioribus; columella unidentata. *Montagu Test. Brit. p. 324.*

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, crassa, subpellucida, glabra, alba; apice purpurascente seu roseo, obtuso; apertura subovali.

Dens et color hanc testam distinguunt a *Turbine Ulvæ*.

Found by Mr. Montagu, on the *Pecten maximus*, and in Salcombe Bay, Devon; not common.

6.

interstincta. V. testa turrita, anfractibus 5 planiusculis, longitudinaliter costatis; columella denticulata. *Montagu Test. Brit. p. 324. t. 12. f. 10.*

Adams in Act. Soc. Linn. 3. p. 66. t. 13. f. 23, 24?

Habitat in mari, rarissima.

Testa 1 lin. longa, $\frac{1}{2}$ lata, glabra, alba. *Anfractus* costis longitudinalibus, versus suturam papillosis. *Apex* obtusus. *Apertura* subovalis.

Found by Mr. Montagu, in sand, from Bigberry Bay, Devon.

7.

plicata. V. testa acuminata, lævi; anfractibus 6 planiusculis; columella plicata. *Montagu Test. Brit. p. 325.*
— *Supplem. t. 21. f. 2.*

Habitat in mari, rarior.

Testa $\frac{1}{2}$ poll. longa, glabra, subpellucida, alba. *Apex* obtusior. *Sutura* tenuis. *Columella* intus plica unica. *Apertura* subovalis, ad superiorem partem coarctata.

Testa tenuior quam *V. unidentata*, facie *Helicis politæ*, sed obtusior, et columella plicata distinguenda. (*Montagu.*)

Found by Mr. Montagu, in sand, from Salcombe Bay, Devon; but rare.

8.

ambigua. V. testa lævi, acuminata; anfractibus 6 vel 7 depressiusculis; columella læviter plicata; apertura suborbiculari. *Montagu Test. Brit.* p. 325. — *Supplem. t. 21. f. 4.* Turbo pallidus.

Habitat in mari, rarissima.

Testa plus quam $\frac{1}{2}$ poll. longa, $\frac{1}{4}$ lata, alba; sutura manifesta. *Umbilicus* fit ex labio interiore super columellam revolutus. (*Montagu.*)

Found by Mr. Montagu, in Salcombe Bay, Devon.

9.

* * Ovatae, seu obovatae; effusae, emarginatae.

pallida. V. testa integra, oblongo-ovata, spira obtusa; columella quadriplicata. *Linn. Syst. Nat.* p. 1189. n. 405. *Linn. Gmel.* p. 3444.

Lister Conch. t. 714. f. 70. a.

Adans. Seneg. t. 5. f. 3.

Da Costa Brit. Conch. t. 2. f. 7.

Adams in Act. Soc. Linn. 3. p. 253.

Encyclop. Method. t. 384. f. 4.

Donovan Brit. Shells, t. 66. Bulla pallida.

Montagu Test. Brit. p. 232.

Habitat in mari.

Testa cylindrica, glaberrima, solida, candidissima. *Spira* convexo-conica, mucronata, lævigata, obsoletior. *Columella* postice quadriplicata. *Labium* exterius læve, crassiusculum, minus, hians in medio. (*Linn. Mus. Lud. Utr. p. 558.* Bulla pallida.)

Da Costa in describing this shell has confounded it with *Bulla cylindracea* of Pennant. He notes it from the Western coast, where it is not to be found. The late Mr. Adams mentions it, as procured at Tenby, and on this gentleman's authority we have admitted it as a British species.

10. *catenata*.

10.

catenata. V. testa ovata, glaberrima; spira retusa; columella quadriplicata.

Montagu Test. Brit. p. 236. t. 6. f. 2.

Habitat in mari.

Testa $\frac{1}{4}$ poll. longa, subpellucida, alba, cingulis quatuor opacis, albis, rubro-punctatis. *Labrum* non marginatum, crassum.

A new and elegant species, discovered by Mr. Swainson in St. Austle Bay, near Fowey, Cornwall; it is said to be found off the Lizard, and at Penzance.

11.

lævis. V. testa lævissima; spira obtusa; columella biplicata; labro gibbo, subdenticulato. *Donovan Brit. Shells, t. 165.*

Montagu Test. Brit. p. 203. t. 6. f. 7. Cypræa voluta.

Habitat in mari.

Testa vix $\frac{1}{4}$ poll. longa, crassa, glaberrima, viridescens vel albida, subtus interdum pallide rosacea. *Columella* leviter plicata.

This species has somewhat of the habit of a *Cypræa*, but is linked to the genus *Voluta* by its plicated *columella*. Mr. Montagu first described and figured it as British; he found it in Salcombe Bay, Devon. Mr. Donovan has since given figures of it from the Portland cabinet.

BUCCINUM.

Linn. Syst. Nat. n. 322.

1.

Perdix. B. testa ovata, inflata, subsulcata, alboque undulata; apertura edentula. *Linn. Syst. Nat. p. 1197. n. 440.*

Linn. Gmel. p. 3470.

Bonann. Recr. 3. t. 191. Mus. Kirch. f. 189.

Lister

- Lister Conch. t. 984. f. 43.*
Rumph. Mus. t. 27. f. C.
Gualt. Test. t. 51. f. F.
Argenv. Conch. t. 17. f. A.
Adans. Seneg. t. 7. f. 5.
Seb. Mus. 3. t. 68. f. 16.
Mus. Gottwald. t. 27. f. 1, 2.
Knorr Vergn. 3. t. 8. f. 1.
Martin. Conch. 3. t. 117. f. 1078, 1079.
Pulteney in Hutch. Dorset. p. 41. t. 15. f. 14.
Montagu Test. Brit. p. 244. t. 8. f. 5.

Habitat in mari.

Testa ovata, fragilis; sulcis lævibus superficialibus. *Color* livido-griseus, lineis undulatis, albis, longitudinalibus. *Spiræ* anfractus totius testæ 5 ad 6. *Apertura* lunari-patula. *Labium exterius* tenue, subrepandum, non reflexum, *interius* membranaceum, dimidiato antice adnatum. *Umbilicus* ubi labium interius abrumpitur. *Basis* emarginata, non vero reflexa. (*Linn. Mus. Lud. Ulr. p. 600.*)

Specimens of the size of a hazle-nut have been dredged up at Weymouth, by Dr. Pulteney and Mr. Bryer.

2.
bilinea- B. testa ovata, lævi; in anfractum primum serie duplici
tum. tuberculorum.

- Lister Conch. t. 998. f. 63.*
Pennant Brit. Zool. 4. App. t. 79. fig. inf.

Testa junior.

- Linn. Gmel. p. 3476.*
Pulteney in Hutch. Dorset. p. 41. t. 17. f. 8. B. porcatum.
Montagu Test. Brit. p. 244.
Habitat in mari, rarissima.

Testa

Testa albida, fasciis 2, 3, vel 4 maculosis, brunneis, cincta. *Apertura* ampla, subovalis. *Spira* prominula. *Labrum* leviter dentatum.

This species is admitted into our catalogue on the testimony of Pennant, who says it was found at Weymouth; but we have not been able to ascertain it as British by any other authority.

Exotic specimens size of an egg. (*Dr. Pulteney.*)

3.
hepatium. B. testa ovato-oblonga, subplicata; spira acuta, elevata; labio interiore rugoso.

Lister Conch. t. 975. f. 50.

Pulteney in Hutch. Dorset. p. 41. t. 15. f. 13.

Montagu Test. Brit. p. 243. t. 8. f. 1.

Habitat in mari.

Testa 1 poll. longa, $\frac{1}{2}$ lata, colore hepatico, fascia alba. *Anfractus* papilloso-coronati. *Labium* exterius plicatum. *Columellæ* pars anterior plica una manifesta. *Cauda* striata.

First described by Dr. Pulteney, who says it is found in Purbeck, and at Weymouth, Dorset; but rarely.

4.
Lapillus. B. testa ovata, acuta, striata, lævi; columella planiuscula. *Linn. Fauna Suecica, n. 2161. Syst. Nat. p. 1202. n. 467. Linn. Gmel. p. 3484.*

Cole in Act. Angl. 1684.

Lister Conch. t. 965. f. 18, 19. — Anim. Angl. t. 3. f. 5, 6.

Petiver Gaz. t. 18. f. 5.

Linn. Wgoth. Resa. 170.

Adans. Seneg. t. 7. f. 4.

Knorr Vergn. 6. t. 29. f. 4.

Martini Conch. 3. t. 121. f. 1111, 1112.

Pennant Brit. Zool. t. 72. f. 89.

Da Costa Brit. Conch. p. 125. t. 7. f. 1, 2, 3, 4. 9. 12.

Pulteney in Hutch. Dorset. p. 41. t. 15. f. 1, 2, 3, 4. 9. 12.

Donovan

Donovan Brit. Shells, t. 11.

Montagu Test. Brit. p. 239.

Habitat, frequentissima, in mari.

Testa 1 vel 2 poll. longa, albida, flavicans, interdum colore flavo vel castaneo, fasciata, crassa, rudis, striis membranaceis, longitudinalibus, (interdum absque striis). *Apertura* ovalis. *Labrum* interius subdentatum.

5.

lineatum. *B. testa* oblonga, spira acuta pyramidali.

Martini Conch. 4. f. 1188, 1189?

Da Costa Brit. Conch. p. 130. t. 8. f. 5.

Pulteney in Hutch. Dorset. p. 41. t. 14. f. 5.

Donovan Brit. Shells, t. 15.

Montagu Test. Brit. p. 245.

Habitat in mari, fucis adhærens.

Testa magnitudine seminis tritici, vel paululum major, lævis, subalbida, lineis fuscis spiralibus. *Apertura* ovalis.

First noticed as British by Da Costa, who received it from Cornwall and Devonshire. Dr. Pulteney and Mr. Montagu have found it on the coast of Dorset, between Weymouth and Portland.

Not *B. lineatum*, of Gmelin.

6.

glaciale. *B. testa* lævi, substriata, ovato-oblonga: anfractu infimo subcarinato. *Linn. Fauna Suecica, n. 2162. Syst.*

Nat. p. 1204. n. 474. Linn. Gmel. p. 3491.

Muller. Zool. Dan. Prodr. 2942.

Oth. Fabric. Fn. Grænl. p. 397. n. 397.

Schröt. n. Litterat. 3. p. 270. t. 3. f. 20, 21.

Chemn. Berl. Naturf. 6. t. 6. f. 4, 5.

Chemn. Conch. 10. t. 152. f. 1446, 1447.

Donovan Brit. Conch. t. 154.

Habitat in mari.

Testa crassa, magnitudine extimi articuli pollicis, pallida, secundum anfractus obsolete striata, acuminata, superne conica. *Anfractus* infimus

seu

seu maximus, subcarinatus est, sed hæc carina in reliquis superioribus anfractibus evanescit, cum sutura anfractuum evadat quæ attenuata. Basis gibba, emarginata. Apertura ovata. Labium exterius crassum, patulum, striis incumbentibus. (Linn.)

Discovered by Mr. Agnew among the Orkney Islands.

7.

undatum. B. testa oblonga, rudi, transversim striata, anfractibus curvato-multangulis. Linn. *Fauna Suecica*, n. 2163.

Syst. Nat. p. 1204. n. 475. Linn. *Gmel.* p. 3492.

Lister Conch. t. 962. f. 14. — *Anim. Angl.* t. 3. f. 2.

Seb. Mus. 3. t. 39. f. 76—80.

Knorr Vergn. 4. t. 19. f. 1.

Martini Conch. 4. t. 126. f. 1206—1209.

Olafs Isl. t. 10. f. 1.

Pennant Brit. Zool. t. 73. f. 9. B. vulgare.

Da Costa Brit. Conch. p. 122. t. 6. f. 6.

Pulteney in Hutch. Dorset. p. 42. t. 17. f. 6.

Montagu Test. Brit. p. 237.*

β *Lister Anim. Angl.* t. 3. f. 3. — *Conch.* t. 962. f. 15.

Pennant Brit. Zool. t. 74. f. 91. B. striatum.

Habitat, vulgaris, in mari.

Testa ad 5 pollices longa, crassa, subepidermide flavicante, rufescente-alba.

Anfractus costis numerosis obsoletis decussatim striatis.

Varietas β absque costis.

8.

reticulatum. B. testa ovato-oblonga, transversim striata, longitudinaliter rugosa, apertura dentata. Linn. *Syst. Nat.* p. 1204.

n. 476. Linn. *Gmel.* p. 3495.

Lister Conch. t. 966. f. 21. bene.

Petiver Gaz. t. 75. f. 4.

Gualt. Test. t. 44. f. C.

Adans. Seneg. t. 8. f. 9.

Martini Conch. 4. t. 124. f. 1162—1164. et var. 1165, 1166.

Pennant Brit. Zool. t. 72. f. 92. & f. 88.

Da Costa Brit. Conch. p. 131. t. 7. f. 10.

Schröt. Einl. in Conch. 1. t. 2. f. 5.

Pulteney in Hutch. Dorset. p. 42. t. 15. f. 10.

Donovan Brit. Shells, t. 76.

Montagu Test. Brit. p. 240.

Habitat, frequens, in mari.

Testa 1 vel $1\frac{1}{2}$ poll. longa, $\frac{3}{4}$ lata, flavescente-brunnea, longitudinaliter costata, maculis tuberculatis. Variat et magnitudine et colore.

Varietas β fusca, fauce purpurea, costis latioribus, dentibus obsoletis.

9.

ambiguum. B. testa subpyramidali, transversim striata, longitudinaliter lineato-costata, labro tenuiore.

Pulteney in Hutch. Dorset. p. 42. t. 18. f. 19.

Montagu Test. Brit. p. 242. t. 9. f. 7.

Habitat in mari.

Testa $\frac{3}{4}$ poll. longa, $\frac{3}{4}$ lata, præcedenti affinis sed tenuior. Color ochraceus.

Anfractus distinctiores, subangulati.

Found by Mr. Bryer, between Weymouth and Portland.

10.

Macula. B. testa ovata, transversim striata, labro incrassato.

t. 4. f. 4. Act. Nidr. 4. p. 369. t. 16. f. 25.

Pennant Brit. Zool. t. 79. fig. sinistra inferiore interiore.

β . minutum.

Montagu Test. Brit. p. 241. t. 8. f. 4. B.

Pulteney in Hutch. Dorset. t. 15. f. 8.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, crassa, rugosa, omnibus facile coloribus varia.

Anfractus cancellati, costis tumidioribus longitudinalibus. *Labrum* interius denticulatum, exterius macula fusco-purpurea. *Apex* purpurascens.

First distinguished as a British shell by Pennant. Found at Falmouth, Cornwall; and on the Dorsetshire and Devonshire coasts, by Mr. Montagu.

11. *cinctum*.

11.
cinctum. B. testa conica, costis numerosis, apice acuto.
Montagu Test. Brit. p. 246. t. 15. f. 1.
Pulteney in Hutch. Dorset. t. 14. f. 17.
Habitat in mari.
Testa $\frac{1}{4}$ poll. longa, alba, linea unica rufescente-brunnea spirali. *Anfractus* inter costas numerosas obsolete transversim-striati. *Apertura* coarctata.
Found only by Mr. Bryer, near Weymouth; rare.
12.
minimum. B. testa acuminata, costis eminentibus, striis transversis.
Montagu Test. Brit. p. 247. t. 8. f. 2.
Donovan Brit. Shells, t. 179. f. 2. B. brunneum.
Habitat in mari.
Testa $\frac{1}{8}$ poll. longa, crassa, colore castaneo. *Anfractus* 3, costis et striis quasi decussati.
Found by Mr. Montagu, in abundance, on the S. coast of Devon. Mr. Donovan notes it from Cornwall.
13.
terrestre. B. testa subulata, lævi, anfractuum suturis manifestis, obliquis.
Gualt. Test. t. 6. f. B. B.
Walker Test. Min. Rar. t. 2. f. 60.
Schröt. Flussconch. t. 8. f. 6. a. b.
——— *Erdconch. p. 142.*
Muller Verm. p. 150. n. 340.
Montagu Test. Brit. p. 248. t. 8. f. 3.
Habitat in ericetis, radicibus graminum et muscis adhærens.
Testa minuta, $\frac{1}{4}$ poll. longa, alba, pellucida, glabra. *Anfractus* sex, tumidiusculi, obliqui. *Apex* obtusior.
Found first by Mr. Boys, in Faversham Creek, Kent. It has been noticed also by Mr. Montagu, on Barham Downs, in the same county, upon the roots of grass and

and under moss. Mr. Sowerby has found it at Battersea, Surrey.

We have never met with the following species, nor are we able to add any thing to the discoverer's very brief and imperfect descriptions.

14.
obtusulum. B. testa ventricosa, anfractibus tribus, apertura ovali.
Walker Test. Min. Rar. t. 3. f. 89.
Adams Micr. t. 14. f. 25.
Testa opaca alba.
From Faversham Creek; rare.
15.
breve. B. testa quinque anfractibus longitudinaliter costatis, transversim striatis.
Adams in Act. Soc. Linn. 3. t. 13. f. 34.
Color albus, opacus. Cauda brevissima.
- 16,
minutum. B. testa anfractibus tribus longitudinaliter costatis.
Adams in Act. Soc. Linn. 3. t. 13. f. 5, 6.
Color albus, opacus.
An distincta a precedenti?
17.
laeve. B. testa laevi, tribus anfractibus, cauda elongata. *Adams in Act. Soc. Linn. 3. t. 13. f. 7, 8.*
18.
obtusissimum. B. testa laevi, anfractibus tribus, apertura coarctata, cauda elongata. *Adams in Act. Soc. Linn. 3. t. 13. f. 9, 10.*
The two last appear by the figures to be shells that have not attained their full growth.

STROMBUS.

STROMBUS.

Linn. Syst. Nat. n. 324.

1.

Pes Pele- S. testa labro tetra-dactylo palmato digitis angulato,
cani. fauce lævi. *Linn. Fauna Suecica, n. 2164. Syst. Nat.*

p. 1207. n. 490. Linn. Gmel. p. 3507.

Bonann. Recr. 3. n. 85, 87.

Lister Conch. t. 865. f. 20.; t. 866. f. 21.; & t. 1059. f. 3.

Petiver Gaz. t. 79. f. 6.

Gualt. Test. t. 53. f. A. B. C.

Argenv. Conch. t. 14. f. M.

Mus. Gottwald. f. 130. a. b.

Knorr Vergn. 3. t. 7. f. 4.

Martini Conch. 3. t. 85. f. 849, 850.

Murray in Amæn. Acad. t. 1. f. 21.

Pennant Brit. Zool. t. 75. f. 94.

Da Costa Brit. Conch. p. 136. t. 7. f. 7. Aporrhais quadridus.

Pulteney in Hutch. Dorset. p. 42. t. 15. f. 7.

Donovan Brit. Shells, t. 4.

Montagu Test. Brit. p. 253.

Habitat in mari.

Testa vix 2 poll. longa, crassa, lævis, coloris exalbidi, aut rufescentis.

Anfractus inferior cingulis 2 vel 3 nodosis, in carinam labri desinentibus. *Anfractus* superiores cingulis nodosis simplicibus circumdati, striati. *Spira* exquisita, longa. *Labrum* palmatum, tetradactylum, digitis patentissimis, angulatis, acutis, mediocribus, primo et ultimo adnato. *Cauda* producta sinistrorsum versus. (*Linn.*)

Inhabits the British and Irish coasts. (*Da Costa.*)

2. costatus.

2.

costatus. S. testa subulata, labro rotundato.*Da Costa Brit. Conch. p. 118. t. 8. f. 14.**Pulteney in Hutch. Dorset. p. 42. t. 14. f. 14.**Donovan Brit. Shells, t. 94.**Montagu Test. Brit. p. 255.**Habitat in mari.*

Testa $\frac{1}{4}$ poll. longa, turrita, colore castaneo. *Spira* acutissima. *Anfractus* rotundati, costis numerosis elevatis longitudinalibus; anfractuum suturæ eminentes. *Labrum* ampliatus. *Cauda* nulla.

First noticed by Da Costa, from Cornwall. It has been found on the sands of the Dorsetshire coast, by Dr. Pulteney; and on Milton Sands, Devon, but rare, by Mr. Montagu.

MUREX.

*Linn. Syst. Nat. n. 525.** *Frondosus*: suturis crispato-frondescentibus, cauda abbreviata.

1.

Erinace- M. testa multifariam subfrondoso-spinosa, spiræ an-
us. fractibus retuso-coronatis, cauda abbreviata. *Linn.*

*Syst. Nat. p. 1216. n. 526. Linn. Gmel. p. 3530.**Gualt. Test. t. 49. H.**Martini Conch. 3. t. 110. f. 1026—1028.**Seb. Mus. 3. t. 49. f. 78, 79.**Born Mus. t. 11. f. 3, 4. benè.**Pennant Brit. Zool. 4. t. 76. f. 95.**Da Costa Brit. Conch. p. 132. t. 8. f. 7. Bucc. porcatum.**Pulteney in Hutch. Dorset. p. 43. t. 14. f. 7.**Donovan Brit. Shells, t. 35.**Montagu Test. Brit. p. 259.**Habitat in mari, frequens.*

Testa utplurimum magnitudine nucis juglandis, rugosa, colore lutescente-brunneo,

brunneo, vel albo; interdum ferrugineo marmorata. *Anfractus* suturis varicosis, inter varices carinati, costis elevatis, alternis minoribus. *Apertura* ovalis. *Cauda* brevissima.

** *Caudigeri*: cauda subulata clausa recta elongata, testa inermi.

2. *gracilis*. M. testa turrita, anfractibus costatis decussato-striatis, suturis planis.

Montagu Test. Brit. p. 267. t. 15. f. 5. & p. 586.

Donovan Brit. Shells, t. 169. f. 2. M. emarginatus.

Pulteney in Hutch. Dorset. t. 14. f. 18.

Habitat in mari, rarissima.

Testa $\frac{7}{8}$ poll. longa, $\frac{3}{8}$ lata, flavescens, suturis pallide ferrugineis. *Anfractus* 9 vel 10, costis 11 vel 12 convexis. *Suturæ* spiraliter striatæ.

Apertura coarctata. *Cauda* longiuscula, adscendens.

A new and beautiful species, discovered by Mr. Montagu on the sands of Biddeford Bay, Devon. Mr. Donovan notes it from the Western coast. Mr. Bryer found live specimens, by dredging in the west bay of Portland.

3. *attenuatus*. M. testa fusiformi, spiræ anfractibus minime prominentibus; costis novem æquidistantibus, manifestis.

Montagu Test. Brit. p. 266. t. 9. f. 6.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{4}$ lata, flavescens-alba. *Anfractus* octo in apicem acutum desinens. *Suturæ* subtiles. *Costæ* arcuatæ. *Apertura* coarctata, desinens in canalem longiusculum.

A new and rare species, discovered by Mr. Montagu in sand from Falmouth harbour; and at Biddeford, Devon.

4. *Nebula*. M. testa turrita, anfractibus octo costatis, subtilissime reticulatis, cauda obliqua.

Montagu Test. Brit. p. 267. t. 15. f. 6.

Pulteney

Pulteney in Hutch. Dorset. t. 14. f. 16.

Habitat in mari.

Testa $\frac{1}{4}$ poll. longa, nunc flavescens, nunc purpurascens, vel carnaria, striis albis reticulata. *Anfractus* plani. *Suture* manifestæ. *Costæ* 10 vel 11 depressiusculæ, quibus distinguitur a *M. costato*.

Discovered by Mr. Montagu, at Falmouth. Found sparingly on the Western coast, and on the coast of South Wales.

5.

costatus. *M. testa* oblonga, subcaudata, costis elevatis longitudinalibus.

Pennant Brit. Zool. 4. t. 79. in angulo superiore sinistro.

Da Costa Brit. Conch. p. 128. t. 8. f. 4. B. costatum.

Pulteney in Hutch. Dorset. p. 43. t. 14. f. 4.

Donovan Brit. Shells, t. 91.

Montagu Test. Brit. p. 265.

Habitat in mari.

Testa vix $\frac{1}{4}$ poll. longa, colore castaneo vel purpurascens-brunneo, lævis, interdum glabra absque striis. *Apertura* oblonga. *Cauda* fere nulla.

First noticed by Pennant. Found on the Western coast, and on the sandy shores of South Wales; but not plentifully.

6.

septangu- *M. testa* oblonga, costis septem longitudinalibus, con-
laris. tinuis, parum elevatis.

Montagu Test. Brit. p. 268. t. 9. f. 5.

Donovan Brit. Shells, t. 179. f. 4.

Habitat in mari, rarior.

Testa $\frac{1}{4}$ poll. longa, leviter purpurascens, glabra; sutura anfractuosa vix depressa. *Apertura* oblongo-ovalis. *Cauda* brevissima.

Discovered at Falmouth, by Mr. Montagu; afterwards found at Weymouth, Dorset, by Mr. Bryer.

7.

Turricula. *M. testa* acuminata, transversim striata, anfractibus costatis, angulatis. *Montagu Test. Brit. p. 262. t. 9. f. 1.*

Donovan

Donovan Brit. Shells, t. 156. *M. angulatus*.

Pulteney in Hutch. Dorset. t. 14. f. 15.

Habitat in mari.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, alba, glabra, apice acuto. *Anfractus* septem, angulati non rotundati, sed supra ferè plani.

First discovered near Sandwich, Kent, by Mr. Boys. Found at Biddeford Bay, Devon; at Tenby and Llaugharne, S. Wales; at Brighton; and at Weymouth.

8. *rufus*. *M. testa acuminata, anfractibus costatis; costis numerosis, transversim striatis.*

Montagu Test. Brit. p. 263.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{4}$ lata, purpurascens, rufescente-brunnea, vel coloris castanei. *Anfractus* costis 15 vel 16. *Apertura* coarctata, oblonga. *Cauda* brevis.

Found, with the last, at Sandwich, Kent; on the Devon and Dorset coasts; and on the coast of Wales.

9. *sinuosus*. *M. testa acuminata, anfractibus sex costatis, delicatissime transversim striatis, cauda brevissima, labro antice fisso.*

Montagu Test. Brit. p. 264. t. 9. f. 8.

Habitat in mari.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, crassa, alba. *Anfractus* minime prominentes, costis septem elevatis striatis. *Sutura* filiformis. *Apertura* oblongo-ovalis.

A new and rare species, discovered by Mr. Bryer, at Weymouth.

10. *antiquus*. *M. testa patulo-caudata, oblonga, anfractibus octo teretibus.* Linn. Fauna Suecica, n. 2165. Syst. Nat. p. 1222. n. 558. Linn. Gmel. p. 3546.

Lister Conch. t. 913. f. 4. — Anim. Angl. t. 3. f. 1.

Martin. Conch. 4. t. 138. f. 1292. & 1294.

Pennant Brit. Zool. t. 78. f. 93. M. despectus.

Da Costa Brit. Conch. p. 120. t. 6. f. 4. Buccinum magnum.

Pulteney in Hutch. Dorset. p. 43. t. 17. f. 4. M. despectus.

Donovan Brit. Shells, t. 31. M. despectus.

Montagu Test. Brit. p. 257. M. despectus.

Habitat in mari.

Testa interdum 6 poll. longa, crassa, valida, sordide alba, neque glabra, intus croceo-rutilans. *Anfractus* 7 vel 8 rugosi, numerosissime striati. *Spira* producta. *Apertura* anticè angulata. *Labrum* interius lævissimum, margine acuto, integerrimo.

First figured and described by Lister, who received it from Scarborough, Yorkshire. It has been found on the coasts of Essex, Yorkshire, Scotland, and Ireland, according to Da Costa; on the Dorset coast, but rarely, by Dr. Pulteney; and at Hartlepool, in Durham, by the Rev. T. Rackett.

This shell agrees perfectly with Linnæus's description. Pennant, and every subsequent writer on British Conchology, by attending to an erroneous reference to Lister's figure, instead of Linnæus's definition of *M. despectus*, have given that name to this species. We have seen specimens of *M. despectus* from Gröenland, which correspond exactly both with Linnæus's description "*lineis duabus elevatis*" and with his own figure in the *Iter Westrogothicum*; and they appear to differ from any British species hitherto noticed.

Since this paper was read, Mr. Donovan has corrected his description of this species, and has also given a good figure of *M. despectus*, (t. 180.); though, as he acknowledges, on too slight authority to be inserted as British.

11. *carinatus.*

11.

carinatus. *M. testa* patulo-subcaudata, oblonga; anfractibus sex, lævibus, bicarinatis.

Pennant Brit. Zool. 4. t. 4. p. 123.

Donovan Brit. Shells, t. 109.

Montagu Test. Brit. p. 257.

Habitat in mari.

Testa 4 poll. longa, sordide alba. *Anfractus* versus suturam declives, non rotundati ut in *M. despecto* et *antiquo*; primus carinis 4 vel 5.

First figured by Pennant from the Duchess of Portland's cabinet.

The specimen from which we have formed the above characters, and which is unique, is nearly allied to Linnæus's *M. despectus*, but appears to be a distinct species.

12.

subanti- *M. testa* patulo-subcaudata, anfractibus octo tuber-
quatus. culato-carinatis.

Lister Conch. t. 1057. f. 1.

Martini Conch. 4. t. 138. f. 1293.

Pennant Brit. Zool. n. 97. *M. antiquus*.

~~*Donovan Brit. Shells*, 4. t. 119. *M. antiquus*.~~

Montagu Test. Brit. p. 257. *M. antiquus*.

Habitat in mari.

Testa 3½ poll. longa, rudis, flavescens-brunnea, subantiquata. *Anfractus* transversaliter lineato-striati, interdum costis obliquis irregularibus in tubercula decurrentibus.

First noticed as British by Pennant, and first figured as such by Mr. Donovan; found on the Scottish coast.

13.

corneus. *M. testa* oblonga, rudi, anfractuum marginibus complanatis, apice tuberculoso, apertura edentula, cauda adscendente. *Linn. Syst. Nat.* p. 1224. n. 565. *Linn.*

Gmel. p. 3552.

Lister Conch. t. 913. f. 5. — *Anim. Angl.* t. 3. f. 4.

It. Wgoth. t. 5. f. 6. fossilis.

Martini Conch. 4. t. 143. f. 1337 ?

Pennant Brit. Zool. t. 76. f. 99.

Da Costa Brit. Conch. p. 124. t. 6. f. 5. Bucc. gracile.

Pulteney in Hutch. Dorset. p. 43. t. 17. f. 5.

Donovan Brit. Shells, t. 38.

Montagu Test. Brit. p. 258.

Habitat in pelago.

Testa vix magnitudine digiti, lævis sed non glabra, alba, sub epidermide cornea. Anfractus teretiores, striis levibus numerosis. Spira productior. Apertura postice angulata. Cauda parum adscendens.

First noticed by Lister, from Scarborough, Yorkshire. Da Costa notes it from various parts of the kingdom; not uncommon on the Dorset coast (*Dr. Pulteney*), and on the shores of South Devon (*Mr. Montagu*).

14.

linearis. M. testa acuminata, rugosa; anfractibus rotundatis, costatis, lineato-striatis. Montagu Test. Brit. p. 261. t. 9. f. 4.

Donovan Brit. Shells, t. 179. f. 3. M. elegans.

Habitat in mari, rarior.

Testa vix ½ poll. longa, ½ lata, pallidè brunnea, striis transversis, filiformibus, purpurascende-brunneis, costis 9 vel 10. Labrum incrassatum, intus crenatum. Spira acuta, producta, in testis senioribus purpurascens. Cauda productiuscula.

A new species, discovered by Mr. Montagu, in sand from Falmouth harbour, and in Salcombe Bay, Devonshire; found also by Miss Pocock, in Cornwall.

15.

purpureus. M. testa oblonga, caudata; anfractibus teretibus cancellatis.

Montagu Test. Brit. p. 260. t. 9. f. 3.

Habitat in mari.

Testa

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, rugosa, purpurea, maculis albis. *Anfractus* costis 19 vel 20 obliquis, striis numerosis elevatis acutis cancellati. Color intus purpureus. *Margo* albus, crenatus.

A new, elegant, and rare species, first described and figured by Mr. Montagu, from Salcombe Bay, Devon.

16.

muricatus. *M. testa* oblonga, rugosa, anfractibus ventricosis, costis longitudinalibus et striis elevatis tuberculatis.

Montagu Test. Brit. p. 262. *t.* 9. *f.* 2.

Habitat in mari, rarior.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, carneo-alba vel viridescens, sub epidermide rubicunda. *Labrum* acutum, dentatum, intus crenulatum. *Apex* glaber, acutus. *Cauda* recta, producta.

This species also was first discovered by Mr. Montagu, in Salcombe Bay, Devon.

17.

Bamffius. *M. testa* ventricosa, alba; costis longitudinalibus acutis, plicatis. *Donovan Brit. Shells, t.* 169. *f.* 1.

Habitat in mari, rarissima.

Testa interdum 1 poll. longa, $\frac{1}{2}$ lata.

Found by Mr. Cordiner on the coast of Bamffshire, N. Britain.

18.

minutissimus. *M. quinque anfractibus spiraliter striatis, costis remotis, canali clauso.* *Adams in Act. Soc. Linn.* 3. *p.* 68.

Habitat in mari.

Testa elegans pellucida. (*Adams.*)

Found at Pembroke, by Mr. Adams.

19.

••• *Turriti: subulati, cauda brevissima.*

fuscatus. *M. testa* turrata, anfractibus stria superiore denticulata. *t.4.f.6.* *Linn. Syst. Nat. p.* 1225. *n.* 573. *Linn. Gmel. p.* 3562.

Lister Conch. t. 121. *f.* 17?

Petiver Gaz. t. 5. *f.* 5?

Gualt.

Gualt. Test. t. 56. f. H.

D'Argenv. Conch. t. 14. f. α.

Pennant Brit. Zool. t. 82. f. 111?* Turbo tuberculatus.

Chemn. Conch. t. 136. f. 1267, 1268.

Pulteney in Hutch. Dorset. p. 43.

Montagu Test. Brit. p. 209.

Habitat in mari, rarissima.

Testa 1½ poll. longa. *Spira* acutissima. *Anfractus* striis granulatis, et versus basin testæ spinis subconicis coronati. *Apertura* pyriformis.

Cauda brevis, rectiuscula.

Found at Weymouth, Dorset, after a violent storm, by Mr. Bryer.

Dr. Pulteney, in his Dorsetshire Catalogue, imagines the *Turbo tuberculatus* of Pennant to be a depauperated variety of this species.

20.

reticulatus. *M. testa turrata, tuberculato-reticulata,*

Borlase Cornw. p. 277.

Da Costa Brit. Conch. p. 117. t. 8. f. 13. Strombiformis reticulatus.

Pulteney in Hutch. Dorset. p. 43. t. 14. f. 13.

Habitat in mari.

Testa magnitudine avenæ, subfusca, crassa. *Apertura* ovalis, minima.

Cauda vix conspicua.

First figured by Da Costa. Common on the Cornish coast. Found also in Devonshire, Dorsetshire, Kent, and S. Wales.

21.

tuberculatus. *M. testa turrata; anfractibus 9 vel 10 tuberculatis, sutura obsoletiore divisis.* *Montagu Test. Brit. p. 270.*

Habitat in mari.

Testa ¼ poll. longa, coloris castanei. *Apertura* ovalis, desinens in canalem coarctatum. *Columella* involuta (*Montagu*). *Testa* *M. reticulato* valde affinis.

Found

Found at Sandwich, by Mr. Boys, and sparingly at the mouth of the Aun, Devonshire, by Mr. Montagu.

22.

adversus. M. testa turrita; anfractibus contrariis, serie triplici tuberculorum cinctis, media minore.

Walker Test. Min. Rar. f. 48.

Adams Microsc. Essays, t. 14. *f.* 21.

Montagu Test. Brit. p. 271.

Donovan Brit. Shells, t. 159. T. reticulatus.

Habitat in mari.

Testa $\frac{1}{4}$ vel $\frac{1}{2}$ poll. longa, pallide brunnea. *Anfractus* fere coadunati. *Testa* præcedenti affinis, sed perversa.

First found by Mr. Boys, and figured by Walker. It has been discovered also on the Cornish and Devonshire coasts.

TROCHUS.

Linn. Syst. Nat. n. 326.

1.

* Umbilicati erecti, perforata columella.

Magus. Tr. testa oblique umbilicata, convexa; anfractibus obtusè nodulosis. *Linn. Syst. Nat. p.* 1228. *n.* 585.

Linn. Gmel. p. 3567.

Gualt. Test. t. 64. *f.* C.

Argenv. Conch. t. 11. *f.* S.

Seb. Mus. 3. t. 73. *f.* 13, 14.

Knorr Vergn. 6. t. 27. *f.* 4.

Pennant Brit. Zool. t. 80. *f.* 107.

Da Costa Brit. Conch. p. 44. *t.* 3. *f.* 11. T. tuberculatus.

Chemn. Conch. 5. t. 170. *f.* 1656—1659.

Pulteney in Hutch. Dorset. p. 44. *t.* 16. *f.* 1.

Donovan Brit. Shells, t. 8. *f.* 1.

Montagu Test. Brit. p. 283.

Habitat

Habitat ad littora.

Testa depresso-conica, rubro-nebulosa. *Anfractus* 4 seu 5, gibbi, supra longitudinaliter nodosi, obsolete striati. *Apertura* subrotunda, integra, intus margaritacea. *Umbilicus* latere postico sinuatus, (Linn. Mus. Lud. Ulr. p. 647.)

First figured as British by Pennant. Not uncommon on most of our shores.

2.

cinereus. Tr. testa pyramidali, umbilicata, anfractibus planis distinctis.

Lister Conch. t. 633. *f.* 21?

Da Costa Brit. Conch. p. 42. *t.* 3. *f.* 9, 10.

Donovan Brit. Shells, t. 155. *f.* 2.

Montagu Test. Brit. p. 289.

Habitat ad littora.

Testa magnitudine nucis avellanæ, coloris cinerei, lineis obliquis purpureo-nigricantibus. *Anfractus* striis numerosis, eminentibus. *Spira* acutiuscula. *Umbilicus* patulus.

This species has been described and figured only by Da Costa, who notes it as common in various maritime counties. Our description was taken from a specimen in that author's cabinet, now in the possession of Mr. Donovan; but we have not been able to ascertain it as a British shell.

3.

lineatus. Tr. testa subconica, umbilicata; anfractibus convexiusculis.

Lister Conch. t. 641. *f.* 31? — *Anim. Angl. t.* 3. *f.* 15?

Pennant Brit. Zool. n. 106.

Da Costa Brit. Conch. p. 43. *t.* 3. *f.* 11, 12.

Chemn. Conch. 5. t. 171. *f.* 1686.

Pulteney in Hutch. Dorset. p. 44. *t.* 16. *f.* 11, 12.

Donovan Brit. Shells, t. 74. *f.* sup. et 2 inf.

Montagu Test. Brit. p. 284. T. cinerarius.

Habitat

Habitat ad littora.

Testa diametro $\frac{3}{4}$ poll. subalbida, flavescent vel cinerascens, lineis obliquis parallelis brunneis. *Anfractus* striis obsoletioribus. *Spira* obtusior. *Umbilicus* minus patulus.

Notwithstanding the figure in Chemnitz, referred to by Gmelin for *Tr. cinerarius* of Linnæus, resembles our shell, we cannot suppose it to be that species, as it does not sufficiently agree with the description in the *Systema Naturæ* of "*Anfractibus rotundatis*," or the more detailed characters given by Otho Fabricius, in his *Fauna Grœnlandica*.

4.
umbilicatus. T. testa umbilicata, depressa ; anfractibus contiguus.
Lister Conch. t. 641. f. 32 ?

Pennant Brit. Zool. t. 80. f. 106.

Da Costa Brit. Conch. p. 46. t. 3. f. 7, 8.

Pulteney in Hutch. Dorset. p. 44. t. 16. f. 7, 8.

Donovan Brit. Shells, t. 74. fig. med.

Montagu Test. Brit. p. 286.

Habitat in mari, ad littora.

Testa magnitudine uræ, albida, fasciis obliquis rubro-cinereis. *Anfractus* substriati, parum convexi, ita coadunati, ut difficillime distinguendi.

Spira obtusissima. *Umbilicus* testam perforat.

Lister's figure is a doubtful one, though so common a shell must have been known to him. Pennant imagined it to be the *Tr. umbilicaris*, and Dr. Pulteney the *Tr. cinerarius*, of Linnæus ; but it will not agree with the description of either.

5.
tumidus. Tr. testa subconica, striata ; anfractibus prominentibus planis.

Chemn. Conch. 5. t. 171. f. 1676 ?

Linn. Gmel. p. 3574. Tr. patholatus ?

Montagu Test. Brit. p. 280. t. 10. f. 4.

Pulteney in Hutch. Dorset. t. 16. f. 9, 10.

Habitat in mari, saxis, testaceis adhærens.

Testa $\frac{1}{4}$ poll. longa, paululum latior, cinerascens- flavescens- vel purpurascens-brunnea, lineis fuscis longitudinalibus. *Anfractus* spiraliter striati, plani, versus suturam angulati; primus ad basin subcarinatus.

Umbilicus minimus.

We have found this species on the coast of Devonshire. It was first described and figured by Mr. Montagu.

6.
fuscus. *T. umbilicatus*, quinque anfractibus marginatus; apertura subrotunda. *Walker Test. Min. Rar. f. 58.*

Habitat in mari.

Testa opaca brunnea. An varietas *T. tumidi*?

From Sandwich, common. (*Walker.*)

7. ** Imperforati erecti, umbilico clauso.
crassus. *Tr. testa* subovata, imperforata; columella unidentata.
Petiver Gaz. t. 36. f. 11?
Da Costa Brit. Conch. p. 100. t. 6. f. 7. Turbo lineatus.
Pulteney in Hutch. Dorset. p. 44. t. 17. f. 3, & f. 7.
Donovan Brit. Shells, t. 71.
Montagu Test. Brit. p. 281.

Habitat ad littora.

Testa 1 poll. longa, vix totidem lata, crassa, rudis, purpureo-cinerea aut exalbida, lituris nigricantibus reticulatim variegata. *Anfractus* subconvexi, rugis obliquis, sutura inconspicua. *Spira* vertice carioso.

Umbilicus vix manifestus, interdum nullus.

First noticed and figured by Da Costa, who received it from various parts of the kingdom, particularly the Western coast, where it has been since found in abundance.

3. papillosus.

8.
papillosus. Tr. testa imperforata, conica, lineato-punctata, basi gibba.

Gualt. Test. t. 61. f. G. M.

Da Costa Brit. Conch. p. 38. t. 3. f. 5, 6.

Chemn. Conch. 5. t. 166. f. 1597, 1598.

Pulteney in Hutch. Dorset. p. 44. t. 16. f. 5. Tr. fragilis.

Donovan Brit. Shells, t. 127.

Montagu Test. Brit. p. 275. t. 10. f. 3. Tr. tenuis.

Habitat ad littora, rarior.

Testa Tr. Zizyphino major, colore rubescente, maculis distinctioribus.

Anfractus planiusculi, lineis duabus punctatis prominentioribus inter-
stincti. Spira acutissima.

First described by Da Costa, who received it from Cornwall. Found at Poole and Weymouth, Dorset, by Dr. Pulteney.

There is reason to believe that Da Costa's figure was taken from a foreign specimen.

9.
Zizyphi- Tr. testa imperforata, conica, livida, lævi; anfractibus
nus. marginatis. *Linn. Fauna Suecica, n. 2168. Syst. Nat.*
p. 1231. n. 599. Linn. Gmel. p. 3579.

Lister Conch. t. 616. f. 1. bene.

— *Anim. Angl. t. 3. f. 14. bene.*

Gualt. Test. t. 61. f. C.

D'Argenv. Conch. t. 8. f. N?

Knorr Vergn. 3. t. 14. f. 2; & 6. t. 27. f. 5.

Pennant Brit. Zool. t. 80. f. 103.

Da Costa Brit. Conch. p. 37. t. 3. f. 3, 4.

Chemn. Conch. 5. t. 166. f. 1592, 1593.

Pulteney in Hutch. Dorset. p. 44. t. 16. f. 3, 4.

Donovan Brit. Shells, t. 52.

Montagu Test. Brit. p. 274.

Habitat in mari.

Testa 1 poll. longa, et fere totidem lata, exacte conica, striata, striis 10 purpurascenscibus cavis; totidemque alternis pallidis ex serie concatenata punctorum. *Anfractus* novem, ambitu marginati, acutissime coadunati, ut vix queant distingui. (*Linn. Mus. Lud. Ultr.* p. 650.)

10.
exiguus. Tr. testa imperforata, conica, striata; anfractibus crenato-lineatis.

Da Costa Brit. Conch. p. 40. t. 2. f. 4. Tr. Conulus.

Maton's Western Counties, 1. p. 216.

Pulteney in Hutch. Dorset, p. 44. t. 21. f. 4.

Donovan Brit. Shells, t. 8. f. 2. Tr. Conulus.

Montagu Test. Brit. p. 277.

Habitat ad littora, rarior.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, purpurea vel cinerascens-brunnea. *Anfractus* sex, oblique striati, lineis 4 vel 5 crenatis spiraliter cincti. *Suturæ* rubræ, latiores, striis obliquis. *Apex* acutus, rubicundus.

First figured and described by Da Costa, who notices it from the coasts of Devonshire and Sussex. It was found by Dr. Pulteney on the Dorset coast; by Dr. Maton at Treryn Cove, Cornwall, and at Weymouth.

This shell differs materially from Linnæus's description of *Tr. Conulus*, for which it has been mistaken, but which is described as smooth, and much resembling *Tr. Zizyphinus*.

11.
erythro-leucos. Tr. testa imperforata, conica, lævi, transversaliter striata; anfractibus contiguis.

Lister Conch. t. 616. f. 2.

Pennant Brit. Zool. n. 105? T, exasperatus.

Da Costa Brit. Conch. p. 41. Tr. parvus.

Chemn. Conch. 5. t. 161. f. 1529. a. b.

Linn.

Linn. Gmel p. 3581.

Adams in Act. Soc. Linn. 3. t. 65. T. parvus?

Pulteney in Hutch. Dorset. p. 44. t. 18. f. 2.

Montagu Test. Brit. p. 278. Tr. striatus.

Donovan Brit. Shells, t. 155. f. 1. Tr. conicus.

Habitat in mari.

Testa $\frac{1}{4}$ poll. longa, satis crassa, albo rubroque undatim depicta. Anfractus striis crebris transversis et obliquis cancellati. Spira productior.

First described by Da Costa. Dr. Pulteney and Dr. Maton found it at Weymouth. It has been seen also on the coast of Devon.

12.

terrestris. Tr. testa conica, striata, basi plano.

Lister Conch. t. 61. f. 58. — Anim. Angl. App. t. 3. f. 12.

Petiver Gaz. t. 22. f. 10?

Morton Northampt. p. 416.

Pennant Brit. Zool. t. 80. f. 108.

Da Costa Brit. Conch. p. 35.

Favanne Conch. t. 64. f. O. 1—3.

Donovan Brit. Shells, t. 111.

Montagu Test. Brit. p. 287.

Habitat in montosis, rarissimus.

Testa diametro vix $\frac{1}{4}$ poll. tenera, subflava, anfractuum suturis marginatis.

Found by Hudson on the mountains of Cumberland; though probably first noticed by Morton in his History of Northamptonshire.

It is said not to differ from the land *Trochus* found at Montpellier, and figured by Lister and Petiver.

TURBO.

TURBO.

Linn. Syst. Nat. n. 327.

1. * *Neritoidei*: aperturæ margine columnari plano, imperforato.

jugosus. T. testa subovata, ventricosiore; anfractibus sulcatis.

t. 4. f. 7. Pulteney in Hutch. Dorset. p. 45. t. 19. f. 1. T. obtusatus.

Montagu Test. Brit. p. 586. — Supplem. t. 20. f. 2.

Habitat in mari.

Testa diametro $\frac{3}{4}$ poll., obscure flava vel fulva, interdum viridescens, vel purpurea, sulcis albis. *Anfractus* primus sulcis 10—16. *Spira* prominula.

Apex acutiusculus.

Discovered by Mr. Knight in the Isle of Purbeck, Dorset. It has also been found at St. Ives, Cornwall, by Mr. Gibbs.

2.

littoreus. T. testa subovata, acuta, striata, margine columnari

t. 4. f. 8, plano. Linn. Fauna Suec. n. 2169. Syst. Nat. p. 1232.

9, 10, 11. n. 607. Linn. Gmel. p. 3588.

Lister Conch. t. 585. f. 43. — Anim. Angl. t. 3. f. 9.

Petiver Gaz. t. 36. f. 11.

Gualt. Test. t. 45. f. G.

Baster Opusc. Subsec. t. 14. f. 1.

Hill's Swammerd. 183.

Linn. It. Wgoth. 169. 199. t. 5. f. 4.

Pennant Brit. Zool. 4. t. 81. f. 109.

Da Costa Brit. Conch. p. 98. t. 6. f. 1.

Chemn. Conch. 5. t. 185. f. 1852. 1, 2, 3, 4, 5, 6, 7, 8.; & f. 1854. a—d.; & f. 1855. a—g.

Pulteney in Hutch. Dorset. p. 45. t. 17. f. 1.; & t. 19. f. 2, 3.

Donovan Brit. Shells, t. 33. f. 1, 2.

Montagu Test. Brit. p. 301.

Habitat in mari, ad littora, frequentissima.

Testa

Testa ad 1 poll. longa. *Testæ* seniores ut plurimum læves, brunneæ; juniores vel parvæ, striatæ, interdum sulcatæ, nunc brunneæ fasciis albis, nunc fuscae lineis purpureis, nunc flavæ vel fulvæ, et sæpius fasciis sordide cæruleis, nunc viridescences maculis albis.

3.

rudis. *T. testa* subovata, obtusiore; anfractibus ventricosis.

t. 4. f. 12, 13. Chemn. Conch. 5. t. 185. f. 1853.

Maton's Western Counties, vol. 1. p. 277.

Donovan Brit. Shells, t. 33. f. 3.

Montagu Test. Brit. p. 304.

Pulteney in Hutch. Dorset. t. 18. f. 6.

Habitat in mari, ad littora.

Testa diametro $\frac{3}{4}$ poll., exalbido-flavescens, brunnea vel viridescens. *Anfractus* interdum leviter striati.

Distinguitur a *T. littoreo*, quod anfractus teretiores, sutura magis conspicua, animal flavescens.

First distinguished by Dr. Maton, who found it on the banks of the Tamar, Devonshire, and in Dorsetshire: found also at Whitstable, Kent, by Mr. Henry Boys; and in Caithness-shire, by Mr. M^r. Leay.

4.

crassior. *T. testa* conica, rudi, longitudinaliter striata; anfractu primo subcarinato.

Walker Test. Min. Rar. f. 34.

Montagu Test. Brit. p. 309. — Supplem. t. 20. f. 1.

Donovan Brit. Shells, t. 178. f. 4. T. pallidus.

Habitat in mari.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{2}$ lata, coloris subalbidi. *T. rudi* affinis sed minor.

Spira productior, acutiuscula. *Anfractus* teretes, leviter striati. *Sutura* profunda.

First noticed by Mr. Boys, at Sandwich; found on the shores of Biddeford Bay, Devon, by Mr. Montagu.

5. *tenebrosus*.

5.

tenebrosus. T. testa subconica, obtusiore, anfractu primo ventricosissimo.

Montagu Test. Brit. p. 303. ——— Supplem. t. 20. f. 4.

Pulteney in Hutch. Dorset. t. 18. f. 15.

Habitat in mari, ad rupes.

Testa diametro $\frac{1}{4}$ poll. picea, intus purpurascente-brunnea. *Anfractus* 5 ventricosiores, primus cæteros longitudine æquans. *Labrum* tenue. *Apex* obtusior.

First noticed by Mr. Montagu, who proposes it as distinct from *T. littoreus*, but not without some doubt. Found in Kent, and on the Western coast; but not so common as *T. littoreus*.

6.

petraeus. T. testa conica, acuta, apertura pyriformi.

Montagu Test. Brit. p. 403.

Pulteney in Hutch. Dorset. t. 18. f. 13.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{4}$ lata, purpureo-brunnea. *Anfractus* 5, minime prominentes, rugis transversis oblitteratis, primus partem $\frac{1}{3}$ testæ longitudine æquans. *Faux* glabra, purpurea.

Distinguitur a præcedentibus, quod apertura deflexa, magis oblonga, versus apicem acutior. *Varietas* albo vel rufo variegata.

This species was discovered by Mr. Montagu on the South coast of Devon; he also found it at Swanwich, in the Isle of Purbeck, Dorset.

7.

Ziczac. T. testa subconica, acutiore, substriata; anfractu primo t. 4. f. 14. ad basin carinato.

Lister Conch. t. 583. f. 38.

Chemn. Conch. 5. t. 166. f. 1599.

β *Chemn. Conch. 5. t. 166. f. 1600.*

Linn. Gmel. p. 3587. Trochus Ziczac.

Testa 1 poll. longa, $\frac{1}{4}$ lata, glabra, alba, crubescens, aut cærulea, lineis angulatis fuscis picta. *Anfractus* 5—6 planiusculi, substriati lineis depressis,

pressis tenuissimis, oculo armato solum conspiciendis. *Apertura* suborbiculata, versus apicem coarctata.

Varietas β . minor, alba, lituris fusco-cæruleis marmorata, striis paucioribus. *Varietas* Anglica $\dagger$ poll. longa, plusquam $\dagger$ lata, cærulescens, versus apicem alba, striis paucioribus (10—14).

A small variety of this species, without the dark zig-zag lines which are found on those brought from the West Indies, was discovered by Lady Wilson, near Sunderland, in the county of Durham.

8.

fulgidus. T. testa subconica, lævi; anfractibus tribus, primo maximo; apice minimo, obtuso.

Adams in Act. Soc. Linn. 3. p. 254.

Montagu Test. Brit. p. 332.

Habitat in mari.

Testa $\dagger$ lineæ longa, pellucida, glabra, albo castaneoque, ut plurimum fasciis, variegata. *Apertura* suborbicularis. Intus margaritacea.

Habitat in mari.

Found in sea-sand at Linny, near Pembroke, by Mr. Adams; and in sand from Whitsand Bay, Cornwall, by Mr. Montagu.

9.

Cimex. T. testa oblongo-ovata; striis decussatis, punctis eminentibus. *Linn. Syst. Nat.* p. 1233. n. 609. *Linn. Gmel.* p. 3589.

Gualt. Test. t. 44. X.

Adans. Seneg. t. 10. f. 6.

Da Costa Brit. Conch. p. 104. t. 8. f. 6. 9.

Donovan Brit. Shells, t. 2. f. 1.

Montagu Test. Brit. p. 315.

Pulteney in Hutch. Dorset. t. 14. f. 6. 9.

Habitat in mari, rarior.

Testa $\dagger$ poll. longa, $\dagger$ lata, crassa, lactea. *Anfractus* 4. *Labrum* intus crenatum. *Apex* obtusior.

First noticed and figured by Da Costa, who received it from Cornwall; found also on the S. Devon, Dorset, and Kentish coasts.

10.

Pullus. T. testa imperforata, ovata, lævi; apertura antèrius ducta. *Linn. Syst. Nat.* p. 1233. n. 610. *Linn. Gmel.* p. 3589.

Borlase Cornw. p. 276.

Da Costa Brit. Conch. p. 103. t. 8. f. 1. 3.

Pulteney in Hutch. Dorset. p. 45. t. 14. f. 1. 3.

Donovan Brit. Shells, t. 2. f. 2—6.

Montagu Test. Brit. p. 319.

Habitat in mari.

Testa magnitudine seminis carthami; lævis, glabra, nitida, fasciis maculisve roseis, purpurascentibus, fuscis, albis, undatim depicta. *Anfractus* primus ventricosior. *Apex* vix acutus. *Operculum* crassius, convexum, album, læve.

Not uncommon in Cornwall, and on the Devonshire coast. Found by Dr. Maton at Weymouth.

11.

*semicosta-*T. testa conica, brevi, anfractibus 4 vel 5, rotundatis; *tus.* anfractu primo leviter versus apicem costato, ad basin obsolete transversim striato.

Montagu Test. Brit. p. 326. ——— *Supplem. t.* 21. f. 5.

Habitat in mari, rarissima.

Testa $\frac{1}{2}$ lin. longa, $\frac{1}{4}$ lata, alba. *Spira* sine costis. *Apex* obtusus. *Columella* lævis. *Apertura* suborbicularis. *Testa Volutæ spirali* affinis, sed anfractus magis rotundati, pauciores, majores, et *columella* sine plica.

Found only by Mr. Montagu on the southern coast of Devonshire.

12.

ruber. T. anfractibus quinque pellucidis, glabris, lævibus, rotundatis; sutura tenui; apice acuto; apertura suborbiculari,

orbiculari, paululum in columellam reflexa. *Montagu Test. Brit. p. 220.*

Adams in Act. Soc. Linn. 3. t. 13. f. 21—22.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, rufescente-brunnea. An hujus generis?

Varietas alba, pellucida.

Found by Mr. Adams, at Pembroke; and by Mr. Montagu in Whitsand Bay, Cornwall.

It appears impossible from the figures and descriptions of many of Mr. Adams's shells to ascertain correctly to what genus they belong. Never having obtained a sight of this or the following species, we are in doubt whether they should be referred to the *Turbines* or *Helices*.

13.
unifascia-T. testa conica, lævi; anfractibus quinque planius-
tus. culis, fasciatis. Montagu Test. Brit. p. 327.

——— *Supplem. t. 20. f. 6.*

Adams in Act. Soc. Linn. v. p. 2. t. 1. f. 13, 14.?

Habitat in mari, rarior.

Testa $\frac{1}{3}$ poll. longa, alba, fascia unica purpurascente-brunnea. *Anfractus* primus rarius fasciis duabus. *Fasciæ* spiræ juxta suturam. *Apertura* subovalis. *Labrum* tenue.

Discovered by Mr. Adams at Pembroke. Found by Mr. Montagu at Southampton, and on Burrow Island, Devonshire.

14.
nivosus. T. testa lævi, subturrita, anfractibus 5 vel 6 rotunda-
tis, apice obtuso, columella lævi. Montagu Test.
Brit. p. 326.

Habitat in mari, rarissima.

Testa 1 lin. longa, glabra, alba; sutura exarata. *Apertura* subovalis.

Testa facie *Volutæ interstinctæ*, sed caret dente et costis.

Found by Mr. Montagu, in sand, on the south coast of Devon.

15.

labiosus. T. testa subconica, anfractibus planis, plicis numerosis.*Pennant Brit. Zool.* 4. n. 114. t. 79?*Adams in Act. Soc. Linn.* 5. p. 2. t. 1. f. 14, 15.?*Pulteney in Hutch. Dorset.* p. 45. t. 18. f. 16. T. costatus.*Montagu Test. Brit.* p. 400. t. 13. f. 7. *Helix labiosa*.*Habitat in mari.**Testa* $\frac{7}{8}$ poll. longa, vix $\frac{1}{8}$ lata, tenuis, subpellucida, interdum tenerrima et pellucida, cornea; apice sæpius purpurascens. *Anfractus* 2 vel 3, plicis seu costis indistinctis 15 vel 16, primus reliquos omnes æquans. *Apertura* ovalis, margine repando. *Apex* acutus. *Varietas* sine plicis.

It is uncertain whether this species was known to Pennant or Da Costa. Dr. Pulteney found it on the Western coast, where it is plentiful.

16.

Ulvæ. T. testa acuminato-conica; apertura subovata.*Pennant Brit. Zool.* 4. t. 86. f. 120.*Da Costa Brit. Conch.* p. 105.*Pulteney in Hutch. Dorset.* p. 49. t. 18. f. 12.*Montagu Test. Brit.* p. 318.*Habitat in mari, saxis, fucis adhærens.**Testa* $\frac{1}{2}$ vel $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, opaca, spadicea seu fusca, vix striata. *Anfractus* primus ventricosior, reliqui minime convexi. *Sutura* filiformis. *Apertura* versus apicem acutiuscula. *Labium* marginatum.

Common in harbours and inlets.

17.

ventrosus. T. testa conica, lævi, anfractibus sex teretibus, apertura subovata, margine integerrimo.*Walker Test. Min. Rar.* f. 36.*Adams Microsc.* t. 14. f. 15.*Montagu Test. Brit.* p. 317. t. 12. f. 13.*Pulteney in Hutch. Dorset.* t. 18. f. 12. a.*Habitat*

Habitat in mari.

Testa $\frac{1}{8}$ poll. longa, tenuis, glabra, pellucida, pallide cornea, adhærente incolâ nigra apparet. *Apex* acutior. *Operculum* tenue corneum.

Distinguitur a *T. Ulvæ*, quod cornea, glabra, pellucida, tenuior, anfractus magis rotundati.

First noticed by Mr. Boys, and figured in the *Test. Min. Rar.* Not uncommon at Folkestone and Sandwich, Kent, and on the Dorset coast.

18.

subumbili-T. testa conica, subumbilicata, anfractibus tumidis, apertura exacte ovali.

Montagu Test. Brit. p. 316.

Pulteney in Hutch. Dorset. t. 18. *f.* 12. *b.*

Testa $\frac{1}{8}$ poll. longa, $\frac{1}{16}$ lata, lævis, subglabra, flavescens-alba. *Anfractus* 4, 5, primus dimidiam partem testæ æquans. *Apex* obtusiusculus.

Differt a *T. Ulvæ*, quod sæpius minor, ventricosior, subumbilicata, anfractus tumidiore, neque apertura angulata versus apicem, ut in illa testa et *T. ventroso*. Testa paululum major quam *T. ventrosus*, et latior ad basin. (*Montagu.*)

This species was first noticed by Mr. Bryer at Weymouth.

19.

Cingillus-T. testa conica; anfractibus sex planiusculis, leviter striatis, contiguis.

Montagu Test. Brit. p. 328. *t.* 12. *f.* 7.

Donovan Brit. Shells, t. 178. *f.* 1. *T. vittatus.*

Habitat in mari.

Testa interdum fere $\frac{1}{4}$ poll. longa, vix $\frac{1}{8}$ lata, subpellucida, cornea, fasciis castaneis. *Anfractus* primus striis ad basin conspicuis, ut plurimum fasciis tribus. *Apex* obtusior. *Apertura* subovata. *Helicibus* affinis.

Found in abundance at Plymouth, and Salcomb, Devon, by Mr. Montagu; in the Menai between Caernarvonshire and the I. of Anglesea, by Mr. Donovan.

20. *interruptus.*

20.

interrup- T. testa acuminato-conica; anfractibus depressioribus,
tus. lituris interruptis.

Adams in Act. Soc. Linn. 5: p. 3. t. 1. f. 16, 17.

Montagu Test. Brit. p. 329. ——— *Supplem.* t. 20. f. 8.

Donovan Brit. Shells, t. 178. f. 2.

Habitat in mari, rarior.

Testa $\frac{1}{2}$ poll. longa, plusquam $\frac{1}{4}$ lata, pellucida, lævis, glabra, pallide cornea, vel alba, lituris longitudinalibus ochraceis interruptis. *Apertura* suborbicularis. Margo crassiusculus.

Mr. Adams appears to have first noticed this species. It has been found on the coasts of Pembrokeshire and Devonshire.

21.

mammil- T. testa imperforata, subovata; anfractibus striatis
latus. punctis eminentibus, striis aliquot majoribus subangulata. *Donovan Brit. Shells,* t. 173.

Geve Conch. t. 16. f. 152. a.

Chemn. Conch. 5. t. 182. f. 1813, 1814.

Linn. Gmel. p. 3595. T. castanea?

Habitat in mari.

Testa 1 poll. longa, badia seu pallide castanea, striis papillois, elatioribus, 5 vel 6, minoribus punctatis.

Mr. Donovan informs us that this species was picked up on the Scilly Rocks, and sent to Da Costa. It is common in the West Indies.

22.

*** *Solidi* umbilico perforato.

auricula- T. testa conica, lævi, anfractibus valde rotundatis;
ris. apertura auriculari. *Montagu Test. Brit.* p. 308.

Habitat in mari, rarior.

Testa $\frac{3}{4}$ poll. longa, vix $\frac{1}{4}$ lata, subpellucida, pallide cornea. *Anfractus* 5, sutura incisi. *Apex* satis acutus, magis fuscus. *Labium* reflexum, medio angulatum. *Umbilicus* coarctatus. (*Montagu.*)

Testa Helici fossariæ affinis, sed maritima. Differt præsertim apertura.

Discovered

Discovered by Mr. Montagu, and found only at Southampton.

23.
vinctus. T. testa conica, lævi, anfractibus sex rotundatis, apice obtusiore.

Montagu Test. Brit. p. 307. — Supplem. t. 20. f. 3.

Habitat in mari, algis adhærens.

Testa † poll. longa, subpellucida, cornei coloris, nunc rufescens, nunc pallida. *Anfractus* primus fasciis 4 vel 5 purpurascente-brunneis, secundus ac tertius fasciis duabus. *Apertura* suborbicularis. *Labrum* tenuissimum. *Labium* crassum, album, canaliculo in umbilicum desinente. (*Montagu.*)

A new species, discovered in Salcomb Bay, Devon, by Mr. Montagu.

24.
quadrifasciatus. T. testa subconica, lævi; anfractu primo subcarinato, columella sinuata, umbilicata.

Da Costa Brit. Conch. p. 86. Cochlea parva?

Montagu Test. Brit. p. 328. — Supplem. t. 20. f. 7.

Habitat in mari, algis insidens.

Testa † poll. longa, † lata, crassa, subpellucida, alba, cingulis pallide brunneis. *Anfractus* primus subcarinatus, magnitudine dimidium testæ superans. *Labrum* incrassatum, margine acuto. *Apex* obtusior. Noscitur ab *Helice canali*, quod magis crassa et opaca.

Found at Falmouth, Cornwall, by Mr. Montagu. *Da Costa's Cochlea parva*, of which we have seen a specimen, resembles a young *Nerita Glaucina*.

25.
elegans. T. testa subovata, umbilicata, transversim striata; apertura vix adnata. *Linn. Gmel. p. 3606.*

Lister Conch. t. 27. f. 25. — Anim. Angl. t. 2. f. 5.

Act. Angl. n. 105. f. 2.

Gualt. Test. t. 4. f. A.

Morton Northampt. p. 415.

Ginann.

Ginann. Op. Post. t. 3. f. 25.

Muller Verm. 2. p. 177. n. 363.

Pennant Brit. Zool. t. 82. f. 110. T. tumidus.

Da Costa Brit. Conch. p. 86. t. 5. f. 9. T. striatus.

Schröt. Flussconch. t. 9. f. 15. a—b.

Chemn. Conch. 9. t. 123. lit. c. d.

Pulteney in Hutch. Dorset. p. 45. t. 21. f. 9.

Donovan Brit. Shells, t. 59. T. striatus.

Montagu Test. Brit. p. 342. ——— Supplem. t. 22. f. 7.

Habitat in sylvis et arenosis.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, purpurascens-cinerea seu albida, maculis vel lituris purpureis fasciata et variegata. *Anfractus* rotundati, striis transversis numerosis longitudinalibus delicatissimis. *Apex* obtusior, purpureus. *Umbilicus* vix conspicuus. *Operculum* corneum, cochleatum. Intus ut plurimum flavescens.

First described and figured by Lister; found in various parts of the kingdom, under moss, on dry gravel, and in sandy or chalky soils.

26.

fontinalis. *T. testa* subconica, umbilicata; anfractibus teretibus, lævibus.

Petiver Gaz. t. 18. f. 2.

Walker Test. Min. Rar. f. 56.

Muller Verm. p. 171. n. 357. Nerita pusilla; & p. 172. n. 358. N. piscinalis.

Schröt. Flussconch. p. 246. n. 52. & 247. n. 61.; & p. 280. t. 6. f. 11. Trochus cristatus.

Linn. Gmelin. p. 3627, H. piscinalis & H. pusilla; & p. 3641, H. fascicularis.

Pulteney in Hutch. Dorset. p. 45. t. 18. f. 3, 4.

Martini Berl. Mag. 4. p. 247. n. 59.

Donovan Brit. Shells, t. 102.

Montagu Test. Brit. p. 348. ——— Supplem. t. 22. f. 4.

Habitat

Habitat, rarior, in aquis dulcibus, confervis adhærens.

Testa diametro $\frac{1}{4}$ poll. tenuis, pellucida, colore corneo. *Anfractus* tres teretes, leviter cohærentes, minutissime longitudinaliter striati. *Umbilicus* patulus usque ad apicem. *Apertura* circinata.

Muller has probably described this shell in two places; and Gmelin has not only continued this error, but has given the same species a third time, as a *Helix*, with a reference to Schröter's figure.

27.

Nautilus. T. testa planiuscula; anfractibus annulatis, dorso cristatis. *Linn. Syst. Nat.* p. 1241. n. 654. *Linn. Gmel.* p. 3612.

Linn. Syst. Nat. 10. p. 709. n. 234. *Nautilus* Crista.

Act. Helv. 4. p. 212. t. 9. f. 21, 22.

Walker Test. Min. Rar. f. 20. & 21.

Muller Verm. 2. n. 351. *Planorbis imbricatus*.

Schröt. Flussconch. p. 238. n. 50.

Chemn. Conch. 9. t. 123. f. 1077. A. a.

Adams Micr. t. 14. f. 10, 11.; & t. 22. f. 39.

Montagu Test. Brit. p. 464. *H. nautilus*.

——— *Supplem.* t. 25. f. 5.

Pulteney in Hutch. Dorset. t. 19. f. 16.

Habitat in aquis dulcibus, plantis aquaticis adhærens. *Incola* pallidus, tentaculis duobus setaceis.

Testa diametro $\frac{1}{4}$ poll. pellucida, pallide cornea, sub epidermide fusca, subtus umbilicata. *Anfractuum* annuli nunc manifesti, nunc fere obsoleti, nunc spinis seu cristis dorsalibus.

First figured as British by Walker. Found in ponds and ditches.

28.

cristatus. T. testa supra planiuscula, subtus umbilicata; anfractibus 3 vel 4, teretibus.

Muller Verm. 2. p. 198. n. 384. *Valvata cristata*.

Walker Test. Min. Rar. f. 18.

Schröter Flussconch. t. 5. f. 26. a. b.

Montagu Test. Brit. p. 460. vign. 1. f. 78. H. cristata.

Habitat in aquis dulcibus, rarior. Incola griseus, a dextro latere instruitur spiculo tentaculum mentiente, quod quoties testa exit exseritur, retrorsumque aliquantum curvatur, et a latere sinistro crista pennacea branchiali insignitur. (Müller.)

Testa diametro $\frac{1}{4}$ poll. subpellucida, pallide cornea, apice plano. Anfractus levissime striati. Apertura exacte circumata, anfractui vicino incumbens.

First figured as British by Walker. Found by Mr. Boys, near Sandwich; and by Mr. Montagu, in the river Avon, and near Wedhampton, Wilts.

29.

depressus. T. testa depressa, subtus umbilicata, anfractibus quatuor, apertura orbiculari.

Montagu Test. Brit. p. 439. t. 13. f. 5.

Habitat in mari, rarior.

Testa diametro vix 1 lin. subpellucida, dilate brunnæ, subrugosa. Anfractus sutura conspicua, infimus cylindricus. Apertura subæqualis, juxta anfractum dilatior. Spira nulla.

Testa T. cristato similis, sed minor, magis solidus et opacus. Apex magis prominens. (Montagu.)

Found only by Mr. Montagu, in Cornwall and Devonshire.

30.

**** Cancellati.

Clathrus. T. testa cancellata, turrita, exumbilicata; anfractibus contiguis, lævibus. *Linn. Fauna Suecica, n. 2170. Syst. Nat. p. 1237. n. 631. Linn. Gmel. p. 3603.*

Rondel. Test. 89. f. 5.

Bonann. Recr. 3. t. 111.

Lister Conch. t. 588. f. 51.

Rumph. Mus. t. 29. f. W.

Gualt. Test. t. 58. f. H.

Planc.

Planc. Conch. t. 5. f. 7, 8.

Borlase Cornw. t. 28. f. 9.

Knorr 1. t. 11. f. 5.; 4. t. 20. f. 5.; & 6. t. 39. f. 3.

Lesser Testaceoth. f. 41.

Martini Conch. 4. t. 159. f. 1434. & 1438.

Pennant Brit. Zool. t. 81. f. 111. & 111. A.

Da Costa Brit. Conch. p. 115. t. 7. f. 11.

Pulteney in Hutch. Dorset. p. 45. t. 15. f. 11.

Donovan Brit. Shells, t. 28.

Montagu Test. Brit. p. 296.

Habitat in mari.

Testa ad 1½ poll. longa, alba, glaberrima, costis membranaceis cincta.

β minor, anfractibus 5 vel 6, costis numerosioribus.
t. 5. f. 1. *Walker Test. Min. Rar. f. 45.*

Adams Microsc. t. 14. f. 19.

Montagu Test. Brit. p. 297. T. clathratulus.

Found on various parts of the coast, but not common. The smaller variety has been found in Kent; South Devon; and at Weymouth.

31.
parvus. T. testa turrita, anfractibus 5 vel 6, costis elevatis distantibus.

Da Costa Brit. Conch. p. 104.

Adams in Act. Soc. Linn. 3. p. 66. t. 13. f. 29, 30. T. æreus;
& t. 13. f. 15, 16. T. subluteus.

Donovan Brit. Shells, t. 90. T. lacteus.

Montagu Test. Brit. p. 310.

Pulteney in Hutch. Dorset. t. 19. f. 4.

Habitat in mari, frequens.

Testa ½ poll. longa, alba, castanea, rufescens, vel violacea, costis albis;
apice violaceo. Costæ 9 vel 11, prominentes. Labrum incrassatum.

First noticed by Da Costa. Common on sandy shores.

32.

striatulus. T. testa subcancellata, turrita; anfractibus contiguis, cingulisque varicosis interceptis. *Linn. Syst. Nat.* p. 1238. n. 635. *Linn. Gmel.* p. 3604.

Da Costa Brit. Conch. p. 102. t. 8. f. 10.

Montagu Test. Brit. p. 306. t. 10. f. 5.

Pulteney in Hutch. Dorset. t. 14. f. 10.

Habitat in mari, rarissima.

Testa magnitudine seminis hordei, alba; anfractibus cinctis striis membranaceis, parvis, passimque rugis convexis, callosis. *Apertura* minus orbiculata, fere obovata, et subtus subangulata. (*Linn.*)

First noticed as British by Da Costa. Found in Falmouth Harbour, and on the South Devon coast, by Mr. Montagu.

33.

reticulatus. T. testa conica, anfractibus tumidis, reticulatis.

Walker Test. Mik. Rar. f. 32.

Adams in Act. Soc. Linn. 3. p. 66. t. 13. f. 19, 20.

Montagu Test. Brit. p. 322. ——— *Supplem.* t. 21. f. 1.

Habitat in mari.

Testa $\frac{1}{6}$ poll. longa, $\frac{1}{8}$ lata, crassa, opaca, albida. *Anfractus* elevati rotundati. (*Montagu.*) *Apertura* suborbicularis, margine crassa. *Apex* acutior.

An non potius ad *Helices* referenda?

Found by Mr. Boys, at Seasalter, Kent; and by Mr. Adams, at Pembroke.

34.

Bryereus. T. testa turrita, anfractibus lævibus, costis contiguis, apertura ovata.

Montagu Test. Brit. p. 313. t. 15. f. 8.

Donovan Brit. Shells, t. 178. f. 3. T. costatus.

Pulteney in Hutch. Dorset. t. 19. f. 7.

Habitat in mari, ad littora.

Testa vix $\frac{1}{4}$ poll. longa, satis crassa, glabra, nivea. *Anfractus* minimè prominent.

minent. *Costæ* 17 vel 18, *linea* subtilissima tantum disjunctæ. *Sutura* manifesta. *Labrum* crassum. *Labium* replicatum læve.

Varietas costis 10 vel 12 majoribus.

The *Turbo* above described, was named by the author of *Testacea Britannica*, in honour of Mr. Bryer, of Weymouth, to whom we are indebted for the discovery of this and many other curious species, and whose indefatigable researches in various departments of natural history must render his death sincerely regretted.

35.

coniferus. T. testa turrita, anfractibus costatis; costis contiguis, ad suturam sub-papillosis.

Montagu Test. Brit. p. 314. t. 15. f. 2.

Pulteney in Hutch. Dorset. t. 19. f. 6.

Habitat in mari.

Testa $\frac{1}{4}$ poll. longa, crassa, alba. *Anfractus* 6, plani, costis 12 undulatis, oculo armato subtilissimè striatis. *Apex* obtusior. *Apertura* ovalis, integerrima, margine crassissima.

A new and elegant species, discovered at Weymouth, by Mr. Bryer.

36.

denticulatus. T. testa conica; anfractibus costatis; costis obliquis, ad suturam denticulatis. *Montagu Test. Brit. p. 315.*

Testa vix $\frac{1}{4}$ poll. longa, vix $\frac{1}{4}$ lata, alba, subpellucida, præcedenti valde affinis, sed costis solum 9 vel 10, obliquis, validioribus, neque undulatis, interstitiis subpellucidis, neque striatis. *Apertura* suborbicularis, neque marginata, sed costâ solum incrassata.

Found at Weymouth, by Mr. Bryer.

37.

striatus. T. testa subturrita, anfractibus striatis, striis transversis, regularibus, numerosissimis.

Walker Test Min. Rar. f. 49.

Adams Microsc. t. 14. f. 22.

Adams in Act. Soc. Linn. 3. p. 66. t. 13. f. 25, 26.

Montagu Test. Brit. p. 312.

Habitat in mari, radicibus, algarum adherens.

Testa $\frac{1}{4}$ poll. longa, glabra, pellucida, alba, sub epidermide brunnea. *Anfractus* teretiores, superne leviter plicati. *Sutura* manifesta. *Aper* ~~vin~~ *acutus*. *Apertura* ovata.

First found by Mr. Boys, and figured in *Test. Min. Rariora*; rare in Sheppey Island. Found plentifully at Plymouth and on the Devonshire coast, by Mr. Montagu; and at Pembroke, by Mr. Adams.

38.

costatus. *T. testa subturrita, anfractibus costatis, apertura margine sulcata.*

Walker Test. Min. Rar. f. 47.

Adams Microsc. t. 14. f. 20.

Adams in Act. Soc. Linn. 3. p. 65. f. 13, 14.

Montagu Test. Brit. p. 311. t. 10. f. 6.

Pulteney in Hatch. Dorset. t. 19. f. 5.

Habitat in mari, ad littora.

Testa $\frac{1}{4}$ poll. longa, solida, glabra, subpellucida, alba. *Anfractus* fere distincti, prominentes, costis paululum obliquis seu undulatis, validis, striis transversis, delicatissimis, numerosissimis, inter costas evidentioribus. *Aper* obtusior. *Apertura* fere orbicularis, margine sulcata, crassissima.

Discovered by Mr. Boys, in Kent. Found also on the coasts of Pembrokeshire, Devonshire, Dorsetshire, and Cornwall.

39.

unicus. *T. testa acuminata, glaberrima, anfractibus teretibus, striatis. Montagu Test. Brit. p. 299. t. 12. f. 2.*

Walker Test. Min. Rar. f. 40.

Adams Micr. t. 14. f. 17.

Habitat in mari.

Testa

Testa $\frac{1}{2}$ poll. longa, pellucida, alba. Anfractus striis numerosis longitudinalibus, interstitiis delicatissime transversim striatis, oculo armato solum conspiciendis. Apertura suborbicularis, fere ovalis. (Montagu.)

First noticed by Mr. Boys, at Sandwich.

40. nitidissimus. T. testa acuminata, glaberrima, anfractibus subglobosis.
Montagu Test. Brit. p. 299. t. 12. f. 1.

Hab. tat. in mari.

Testa $\frac{1}{2}$ poll. longa, tenuis, pellucida, alba. Anfractus 9. Apertura suborbicularis. Spira acutissima. (Montagu.)

A new and rare species, discovered by Mr. Montagu, in sand, from Falmouth Harbour.

Nearly allied to *T. unicus*, but being perfectly smooth, it could not be placed in the subdivision of "*Cancellati*."

41. duplicatus. T. testa turrata, anfractibus carinis duabus acutis.
Linn. Syst. Nat. p. 1239. n. 643. Linn. Gmel. p. 3607.
Bonanni Recr. 3. t. 114.
Lister Conch. t. 591. f. 58. — Anim. Angl. t. 3. f. 7.
Seb. Mus. 3. t. 56. f. 7, 8.
D'Argenv. Conch. t. 11. f. C.
Martini Conch. 4. t. 151. f. 1414.
Pennant Brit. Zool. 4. t. 81. f. 112.
Da Costa Brit. Conch. p. 110. t. 6. f. 3.
Donovan Brit. Shells, t. 112.

Habitat in pelago, rarissima.

Testa $\frac{2}{3}$ poll. longa, structura *Terebræ*, sed brevior, crassior. Color albus.

Anfractuum anguli, seu costæ tantum 3 s. 3, obtusiores. (Linn.

Mus. Lud. Ulr. p. 662.)

This species is described as British by Lister, who observes that he more than once obtained it from fishermen on the Yorkshire coast. We have inserted it, therefore,

therefore, on the authority of that diligent and accurate author, though it has not been found by any other person; but as it is a pelagic shell, it may perhaps have escaped the notice of less indefatigable naturalists.

42.

exoletus. *T. testa turrata, anfractibus carinis duabus obtusis distantibus.* Linn. *Syst. Nat.* p. 1239. n. 644. Linn. *Gmel.* p. 3607.

Bonanni Recr. 3. t. 113. *Mus. Kirch.* n. 112.

Lister Conch. t. 592. f. 60.

Seb. Mus. 3. t. 56. f. 30, 37, 88.

Knorr Vergn. 6. t. 16. f. 8.

Martin. Conch. 4. t. 152. f. 1423.

Da Costa Brit. Conch. p. 114. t. 7. f. 8.

Donovan Brit. Shells, t. 22. f. 1. *T. cinctus.*

Montagu Test. Brit. p. 295. *T. cinctus.*

Habitus in mari, undecima.

Testa 2½ poll. longa, alba, vel purpurea, litoris rufi, vel castaneis, marmorata. *Anfractus* 12 vel 14, obsolete spiraliter striati, paululum prominentes. *Apex* acutissimus.

Found on the Lincolnshire and Lancashire coasts, by Da Costa; and at Sandwich, in Kent.

This rare species answers so well to Linnæus's description, and to the only reference he makes, (viz. *Bonanni*, t. 113.) that we have followed Da Costa, who makes it *T. exoletus* of that author.

43.

Terebra. *T. testa turrata; anfractibus carinis sex acutis.* Linn.

Fauna Suecica, n. 2171. *Syst. Nat.* p. 1239. n. 645.

Linn. *Gmel.* p. 3608.

Lister Anim. Angl. t. 3. f. 8. *Conch.* t. 590. f. 55.

Seb. Mus. 3. t. 56. f. 32. & f. 40.

Schröt. Einl. in Conch. 1. t. 3. f. 21.

Knorr

Knorr Vergn. 1. t. 8. f. 6.

Martin. Conch. 4. t. 151. f. 1418, 1419.

Pennant Brit. Zool. 4. t. 81. f. 113.

Da Costa Brit. Conch. p. 112. t. 7. f. 5, 6.

Donovan Brit. Shells, t. 22. f. 2.

Pulteney in Hutch. Dorset. p. 45. t. 15. f. 5, 6.

Montagu Test. Brit. p. 293.

Habitat in mari.

Testa ad 2 poll. longa, colore corneo. *Anfractus* costis plurimis acutis.

Most authors have considered this shell as *T. Terebra*, though Linnæus describes it as having only 6 or 7 ridges; but perhaps this character is not constant.

44.

truncatus. *T. testa* cylindrica, anfractibus planiusculis, apice truncato.

Adams in Act. Soc. Linn. 3. p. 65?

Montagu Test. Brit. p. 300. t. 10. f. 7.

Pulteney in Hutch. Dorset. t. 19. f. 8.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, lævis, pellacida, corneo colore. *Anfractus* 4.

Sutura manifesta. *Apertura* ovalis, leviter marginata.

Varietas, rarior, striata versus suturas.

First noticed by Mr. Montagu; not uncommon at Southampton, more rare at Plymouth and on the Devonshire coast. Found also at Weymouth, by Mr. Bryer, and by ourselves at Poole.

Dr. Pulteney's *Helix subcylindrica*, which he describes as having the "volutions in some striated or finely plicated the whole length of the shell, in others principally apparent in the sutures, so as to give them a crenated appearance," appears to be this shell in a more perfect state; such are not uncommon in the

West Indies. The Doctor considered his specimens as English, and says they are found on water-plants, in rivers and ponds, in Dorsetshire; but we apprehend he was mistaken, since, although we have paid great attention to the natural history of that county, we have never been able to obtain any, similar to those in his cabinet.

45. .
subtrun- T. testa subcylindrica, anfractibus teretioribus, versus
catus. apicem sensim minoribus, sutura profundiore.

Montagu Test. Brit. p. 300. t. 10. f. 1.

Habitat in mari.

Testa $\frac{1}{6}$ poll. longa, pellucida, flavescente-alba, interdum paululum glabra. *Anfractus* in nonnullis leviter striati. *Apertura* suborbicularis. (*Montagu.*)

Discovered by Mr. Montagu, at Southampton, and in Salcomb Bay, Devon.

46.
bidens. T. testa pellucida; anfractibus contrariis; sutura sub-
t. 5. f. 3. crenata; apertura posterior bidentata. *Linn. Syst.*
Nat. p. 1240. n. 649. Linn. Gmel. p. 3609.

Bonann. Recr. 3. t. 41.

Gualt. Test. t. 4. f. D. E.

Ginann. Op. Post. t. 3. f. 23.

Muller Verm. 2. p. 120. n. 317. H. papillaris.

Chemn. Conch. 9. t. 112. f. 963, 964. ?

Schröt. Einl. in Conch. 1. t. 3. f. 22.

Pulteney in Hutch. Dorset. p. 46. t. 21. f. 16. ?

Olivier's Travels in the Ottoman Empire, t. 17. f. 3. ?

Habitat in muscosis, vel cavis arborum truncis.

Testa dimidium circiter pollicem longa, glaberrima, fusca. *Anfractibus* 10—11 in commissuris, papillis vel denticulis albis munitis. (*Gmel.*)

Noticed as English by Dr. Pulteney.

We have more than once had occasion to remark
the

the necessity of adverting to Linnæus's descriptions, as well as his references. The words "*sutura subcrenata*," point out a distinction in this species not to be found in any other. Yet this character has been overlooked, and several of the following species have been supposed to be *T. bidens* by every British author except Dr. Pulteney, who describes his shell as having "the sutures prettily crenated." We have given a figure from a specimen in the doctor's museum, now in the possession of this Society. He notes it as a Dorsetshire shell; but there is reason to believe he was deceived, and that this species is not of British growth, since, notwithstanding a most diligent search, we have been unable to procure it.

47.

laminatus. T. testa turrita, pellucida, lævi; anfractibus contrariis: apertura adnata, postice bidentata.

Lister Conch. t. 41. f. 39. major.

Gualt. Test. t. 4. f. C.

Muller Verm. 2. p. 116. n. 315. H. bidens.

Schröt. Erdconch. t. 1. f. 4. a.

Chemn. Conch. 9. t. 112. f. 960. n. 1.

Pulteney in Hutch. Dorset. p. 46. t. 19. f. 9.

Montagu Test. Brit. p. 359. t. 11. f. 4.

Habitat in sylvis, et muscosis, rarior.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, glabra, rufescente-cornea, obsolete rugosa.

Anfractus 10. *Apertura* suborbicularis, leviter marginata, plicis duabus albis, et interdum laminis 3 vel 4 internis.

First noticed by Lister; found in Wiltshire, Kent, and Dorsetshire.

48.

biplicatus. T. testa turrita, opaca, striata; anfractibus contrariis; apertura postice bidentata, minus contigua.

Schröt. Erdconch. t. 1. f. 4, b.

Chemn. Conch. 9. t. 112. f. 960. n. 2.

Montagu Test. Brit. p. 361. t. 11. f. 5.

Habitat in sylvis et muscosis, rarior.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, brunnea, facie *T. laminati*, sed distinguitur quod dense et profunde striata. *Apertura* reflexa, nec ad corpus contigua. *Collum* compressum. *Anfractus* 12—13.

This species was first distinguished by Mr. Montagu, who found it at Easton Grey, in Wiltshire. It has been also found in Hyde Park.

49.

nigricans. *T.* testa turrita, opaca; anfractibus contrariis, striatis; apertura postice bidentata, dentibus minus approximatis.

Lister Conch. t. 41. f. 39. minor. — *Anim. Angl. t. 2. f. 10.*

— *Anim. Angl. App. t. 1. f. 7.*

Pennant Brit. Zool. t. 82. f. 116. T. perversus.

Da Costa Brit. Conch. p. 108.

Muller Verm. 2. p. 118. n. 316. H. perversus.

Pulteney in Hutch. Dorset. p. 46. t. 19. f. 10.

Donovan Brit. Shells, t. 72. T. perversus.

Montagu Test. Brit. p. 357. t. 11. f. 7. T. bidens.

Habitat in muscosis, frequens.

Testa vix $\frac{1}{4}$ poll. longa, $\frac{1}{8}$ lata, nigricans, minutè striata. *Apertura* sub-orbicularis. *Sutura* linea depressa, conspicua. Noscitur a *T. biplicato* quod minor, magis fusca, et dentes minus approximati.

50.

labiatus. *T.* testa turrita, opaca; anfractibus contrariis, striatis; apertura bidentata, margine dilatato, incrassato, albo.

Da Costa Brit. Conch. p. 107. Strombiformis perversus.

Chemn. Conch. 9. t. 112. f. 957. ?

Olivier's Travels in the Ottoman Empire, t. 17. f. 6.

Montagu Test. Brit. p. 362. t. 11. f. 6.

Habitat:

Habitat in muscosis, vel in fissuris corticis arborum, rarissima.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, pallide brunnea. *Anfractus* 9 plani; striis numerosis densis regularibus; vix a sutura distincti, quæ fere oblitterata.

Distinguitur a cæteris ab apertura marginata et anfractibus haud prominentibus.

This species appears to have been described by Da Costa. It has been found by Mr. Swainson in ozier-grounds, at Battersea, Surrey.

51.

perversus. T. testa turrita, pellucida; anfractibus contrariis; apertura edentula. Linn. Fauna Suecica; n. 2172. Syst.

Nat. p. 1240. n. 650.

Lister Anim. Angl. t. 2. f. 11.

Schröt. Erdconch. t. 1. f. 5.

Favanne Conch. t. 65. f. I. 4.

Chemn. Conch. 9. t. 112. f. 959. a.

Linn. Gmel. p. 3609.

Pulteney in Hutch. Dorset. p. 46. t. 19. f. 11.

Montagu Test. Brit. p. 355. t. 11. f. 12.

Habitat in muscis, ad radices arborum, rarior.

Testa $\frac{1}{2}$ poll. longa, pellucida, subflava; spiris 8 sensim minoribus; in longum producta; apice obtusiusculo sensim attenuato. Spiribus sinistrorsum euntibus. (Linn. Fr. Suec. p. 525.) Dens obsoletus in senioribus.

First noticed by Lister. Found in Wiltshire, Dorsetshire, Devonshire, and Cornwall; but not common.

52.

tridens. T. testa subcylindrica, lævi; anfractibus 6 vel 7 planiusculis; apertura tridentata.

Linn. Gmel. p. 3611.

Gualt. Test. t. 4. f. F.

Muller Verm. 2. p. 106. n. 305.

Pulteney in Hutch. Dorset. p. 46. t. 19. f. 12.

Montagu Test. Brit. p. 338. t. 11. f. 2.

Habitat rarissima.

Testa $\frac{1}{2}$ poll. longa, 1 lin. lata, pellucida, glaberrima, colore pallide corneo.

Anfractus

Anfractus 6 vel 7, vix distinguendi. *Apertura* parva, versus apicem coarctata. Dentes 3, unus ad marginem, alteri duplices in columellam et juxta basin.

Found only by Mr. Boys and Dr. Pulteney; the latter says, "on water-plants by the river Stour, Dorset."

53.

Juniperi. T. testa subcylindrica, anfractibus oblique striatis, apertura septemdentata.

Schröt. Erdconch. t. 1. f. 6.

Chèmn. Conch. 9. t. 136. f. 1236. a. b.

Olivì Adr. t. 5. f. 2.?

Montagu Test. Brit. p. 340. t. 12. f. 12.

*Pulteney in Hutch. Dorset. t. 19. f. 11.**

Habitat ad radices *Juniperi communis*, rara.

Testa vix $\frac{1}{2}$ poll. longa, opaca, brunnea. *Anfractus* minime prominentes, sutura depressa. *Apertura* subrotunda, margine albo interrupto, dentibus 7, tribus in labrum, quatuor in columellam. *Apex* obtusus.

We are indebted to Mr. Montagu for ascertaining this curious species to be British. He found it at Easton Grey, and at Devizes, Wilts. Mr. Bryer, also, procured it on the hills near St. Catherine's Tower, Abbotisbury, Dorset; but it must be considered as a very local shell.

54.

Muscorum. T. testa ovata, obtusa, pellucida; anfractibus senis secundis, apertura edentula. *Linn. Fauna Suecica, n. 2173. Syst. Nat. p. 1240. n. 651. Linn. Gmel. p. 3611.*

Lister Anim. Angl. t. 2. f. 6.

Petiver Gaz. t. 35. f. 6.

Linn. It. Œl. p. 99.

Da Costa Brit. Conch. p. 89. t. 5. f. 16. T. cylindraceus.

Ströem. Act. Nidr. 3. t. 1. f. 7.

Schröt. Erdconch. t. 1. f. 7.

Muller

Muller Verm. 2. p. 105. n. 304.

Chemn. Conch. 9. t. 123. f. 1076.

Pulteney in Hutch. Dorset. p. 46. t. 21. f. 16.

Donovan Brit. Shells, t. 80.

Montagu Test. Brit. p. 335. ——— *Supplem. t.* 22. f. 3.

Habitat inter muscos ad radices arborum, et in tectis rusticorum antiquis.

Testa plusquam $\frac{1}{2}$ poll. brunnea dum adhuc animalculo foeta est, alias cornea, pellucida, spiris 6. *Apertura* ovato-acuminata, mucrone obtuso. *Spiræ* more communi dextrorsum (*apertura* imposita) procedunt. (*Fn. Suec.* 2173.) *Labium* sæpius dente unico.

Varietas duplo minor, neo dentata, nec *apertura marginata*. (*Montagu.*)

First noticed and figured by Lister. Found in most parts of the kingdom, though not very common.

55.

sexdentatus. T. testa ovata obtusa lævi; apertura sexdentata; labro impresso.

Linn. Gmel. p. 3660.? H. minuta.

Muller Verm. 2. p. 101. n. 299.? H. minuta.

Montagu Test. Brit. p. 337. t. 12. f. 8.

Pulteney in Hutch. Dorset. t. 19. f. 12.

Habitat, rarior, in paludibus, supra *Iridem Pseudacorum*.

Testa Turbini Muscorum affinis, 1 lin. longa, $\frac{1}{2}$ lata, glabra, rufescente-cornea, pinguis. *Anfractus* tumidiuseculi. *Apertura* subtriangularis, dentibus 6, quatuor in labrum, duobus in columellam; in junioribus dentibus 4, vix conspicuis. *Apex* obtusus.

Found by Mr. Boys, at Sandwich, Kent; and by Mr. Montagu, in Cornwall, Devonshire, and among the *rejectamenta* of the river Avon, in Wiltshire. It has also been found in Dorsetshire.

56.

Vertigo. T. testa ovali; anfractibus 5, teretibus, substriatis, contrariis; apertura subtriangulari, dentata.

Linn. Gmel. p. 3664. Helix Vertigo.

Muller Verm. 2. p. 124. n. 320. Vertigo pusilla.

Schröt.

Schröt. Flussconch. p. 349. n. 142.

Montagu Test. Brit. p. 363. t. 12. f. 6.

Habitat super muris hederæ obteptos. Incola tentaculis duobus linearibus, apice oculatis. (Muller.)

Testa 1 lin. longa, opaca, brunnea. Apertura irregularis, dentibus frequentius 3, albis, uno in labrum, duobus in columellam, cum tumore seu lamina ad angulum labri; interdum dentibus 6, cum rudimento septimi.

Testa T. sexdentato valde affinis, sed magis cylindrica, apice obtusiore, et anfractibus contrariis.

57.

Carychium. T. testa subeonica, glabra; apertura dentibus intus sequitribus munita. *Linn. Gmel. p. 3665. Helix Carychium.*

Walker Test. Min. Rar. f. 51.

Muller Verm. 2. p. 125. n. 321.

Schröt. Flussconch. p. 324. n. 122.

Montagu Test. Brit. p. 339. ——— Supplem. t. 22. f. 2.

Pulteney in Hutch. Dorset. t. 19. f. 13.

Habitat in asscribus humidis fagi, foliis putrescentibus, et ligno putrescente, haud infrequens. Incola flavus; tentaculis modo 2, truncatis, quasi bulbigeris, ad basin posterius oculatis.

Testa omnium terrestrium minima, 1 lin. longa, ½ lata, diaphana; limace foeta flava, apice albo; vacua tota alba. Anfractus quinque teretes. Apertura ovata, intus denticulis duobus minimis a latere sinistro limacis notata; a latere dextro rudimentum tertii in nonnullis conspicitur; denticuli certo testæ situ ope lenticulæ visibiles. (Muller.)

Anfractus striati, sed vix oculo armato conspiciendi. Apex obtusiusculus.

Spira magis conica quam in præcedentibus.

First noticed by Mr. Boys, who found it in Kent, where it is common. Found in Wiltshire and Devonshire, by Mr. Montagu; and in Dorsetshire, by ourselves.

The six following descriptions are taken from Mr. Adams's paper in the 3d Volume of the Linnean Transactions. The six subsequent ones are from Walker's
Testacea

Testacea Minuta Rariora. We are unacquainted with the species, and unable, from the figures and descriptions only, to arrange them under the proper subdivisions of the genus. Those given on the authority of Mr. Adams are described by him as *minute* shells, and as having been found on the sea coast.

58.
albulus. T. quinque anfractibus longitudinaliter costatis, apertura subrotunda. *Adams in Act. Soc. Linn. 3. p. 66. t. 13. f. 17, 18.* T. albus.
59.
scriptus. T. testa lævi, tribus anfractibus lineis fuscis characteriformibus, apertura subrotunda. *Adams in Act. Soc. Linn. 3. p. 65. t. 13. f. 11, 12.* Obs.—“*Istæ lineæ lineis Lichenis scripti omnino similes.*”
60.
subarcua- T. decem anfractibus longitudinaliter costatis, testa ad apicem subarcuata. Color albus. *Adams in Act. Soc. Linn. 3. p. 66. t. 13. f. 27, 28.*
61.
Adamsii. T. sex anfractibus spiraliter striatis, costis remotis, apertura ovali. *Adams in Act. Soc. Linn. 3. p. 66. t. 13. f. 31, 32.* T. elegans.
62.
divisus. T. quatuor anfractibus lævibus et striatis, apertura subovali. *Adams in Act. Soc. Linn. 3. p. 254.*
63.
subrufus. T. testa lævi, quinque anfractibus superne subangulatis. *Adams in Act. Soc. Linn. 5. p. 3. 1. f. 18, 19.*

64.

retiformis. T. tumidus quatuor anfractibus reticulatis, apertura subovali. *Walker Test. Min. Rar. f. 37.*

Habitat in mari, testa minuta.

From Sandwich ; very rare. (*Walker.*)

65.

fuscus. T. quinque anfractibus striatis, apertura subovali. *Walker Test. Min. Rar. f. 42.*

Habitat in sylvis, terrestriis.

Testa minuta, opaca, brunnea. An hujus generis ?

From Bysingwood, near Faversham ; very rare. (*Walker.*)

66.

strigatus. T. tribus anfractibus, primo strigis tribus transversis, apertura subovata. *Walker Test. Min. Rar. f. 38.*

Adams Microsc. t. 14. f. 15.

Habitat

Testa minuta, opaca, alba.

From Seasalter ; very rare. (*Walker.*)

67.

carinatus. T. turritus carinatus, septem anfractibus, apertura coarctata marginata. *Walker Test. Min. Rar. f. 44.*

Adams Microsc. t. 14. f. 18.

Habitat

Testa minuta, opaca, alba. An hujus generis ?

From Sandwich ; very rare. (*Walker.*)

68.

Rivulus. T. striatus, quatuor anfractibus, apertura ovali marginata. *Walker Test. Min. Rar. f. 57.*

Habitat in aquis dulcibus.

Testa opaca, alba.

From a stream near Faversham ; very rare. (*Walker.*)

69. Sandvi-

69. *Sandvi-* T. tribus anfractibus reticulatis, apertura unidentata.
censis. Walker Test. Min. Rar. f. 55.
Habitat
Testa pellucida, alba.
 From Sandwich; exceedingly rare. (Walker.)

HELIX.

Linn. Syst. Nat. n. 328.

1. * *Carinatae anfractibus, margine acuto.*
Lapicida. H. testa carinata, umbilicata, utrinque convexa; aper-
 tura marginata, transversali, ovata. Linn. Fn. Suec.
 n. 2174. Syst. Nat. p. 1241. n. 676. Linn. Gmel. p. 3613.
Lister Anim. Angl. t. 2. f. 14. — *Conch. t. 69. f. 68.*
 — *Act. Angl. n. 105. f. 13.*
Petiver Gaz. t. 92. f. 11.
Linn. It. Wgoth. 27.
Schröt. Erdconch. t. 2. f. 23.
Muller Verm. 2. p. 40. n. 240.
Pennant Brit. Zool. t. 83. f. 121.
Da Costa Brit. Conch. p. 55. t. 4. f. 9. H. acuta.
Chemn. Conch. 9. t. 126. f. 1107.
Pulteney in Hutch. Dorset. p. 46. t. 20. f. 9.
Donovan Brit. Shells, t. 39. f. 2.
Montagu Test. Brit. p. 435.
Habitat in sylvis et rupibus, rarior.
Testa $\frac{3}{4}$ poll. lata, $\frac{3}{8}$ alba. Color pallidus seu corneus, cum lituris spirarum
 transversis ferrugineis. Subpellucida, supra parum convexa, subtus ma-
 gis convexa, subtilissime striata, et oculo armato punctis elevatis scabra.
Apex minime prominet; subtus vero umbilicus, foramine tereti majus-
 culo apertus. *Margo* spirarum undique acutissimus. *Apertura* subovata,
 transversa, levissime dilatata. (Linn. Mus. Lud. Ur. p. 663.)
 Found in most parts of the kingdom.

2.

subcarinata. H. testa umbilicata, striata, convexiuscula, anfractibus lineolis 3 elevatis delicatissimis.

Walker Test. Min. Rar. f. 22.?

Montagu Test. Brit. p. 438. t. 7. f. 9.

Habitat in mari, rarior.

Testa diametro ad basin $\frac{1}{10}$ poll., satis crassa, alba, subopaca. *Anfractus* 3, subtilissimè transversim striati, supernè lineola unica elevata delicatissima, subtus lineolis duabus. *Apertura* ovalis. *Margo* integerrimus, versus anfractum secundum in angulum acutum decurrens. *Umbilicus* profundus. *Testa Neritis* valde affinis. (*Montagu.*)

Found on the coasts of Kent and Devonshire.

3.

Planorbis. H. testa subcarinata, umbilicata, plana, supra concava, t. 5. f. 13. apertura oblique ovata, utrinque acuta. *Linn. Fauna Suecica*, n. 2. *Syst. Nat.* p. 1242. n. 662. *Linn. Gmel.* p. 3617.

Lister Anim. Angl. t. 2. f. 27. — Conch. t. 138. f. 42.

— Act. Angl. n. 105. t. 2. f. 24.

Petiver Gaz. t. 10. f. 11.

Gualt. Test. t. 4. f. E. E.

Klein Ostr. t. 1. f. 8.

Hill Swammerd. t. 10. f. 5.

Muller Verm. 2. p. 160. n. 346.? *Planorbis umbilicatus.*

Pennant Brit. Zool. t. 83. f. 123.

Da Costa Brit. Conch. p. 63. t. 4. f. 10.; & t. 8. f. 8.

Schröt. Flussconch. t. 5. f. 13.

Favanne Conch. t. 61. f. B. 5.

Chemn. Conch. 9. t. 126. f. 1102. a—b.

Pult. in Hutch. Dorset. p. 46. t. 14. f. 8.; & t. 20. f. 10.

Montagu Test. Brit. p. 450. H. complanata.

Habitat in stagnis; frequens.

Testa constat 4 anfractibus nigricantibus, dum animal intra eandem latet opaca, aliàs pellucida, cornei coloris seu membranacei. *Striæ* minimæ obliquæ

obliquæ testam striatam reddunt. *Apertura* ovato-obliqua, utrinque parum acuta. *Margo* anfractuum prominet. (*Ps. Succ.* p. 527. n. 2176.)

3.*

planata. H. testa carinata, umbilicata, plana; **carina** marginali t. 5. f. 14. media, apertura subovali.

Muller Verm. 2. p. 157. n. 344. *Planorbis* carinatus.

Schröt. Flussconch. t. 5. f. 22—25.

Born Mus. t. 14. f. 5, 6.

Chemn. Conch. 9. t. 127. f. 1121, 1122.?

Pulteney in Hutch. Dorset. t. 20. f. 18.

Montagu Test. Brit. p. 450. ——— *Supplem.* t. 25. f. 1.

H. carinata.

Habitat in stagnis et fossis, rarior. *Incola* flavescens, tentaculis flavis pellucidis. (*Montagu.*)

Testa diametro $\frac{1}{4}$ poll., forma et magnitudine præcedentis, plana, subpellucida, glabra, coloris cornei. *Anfractus* 4 planiusculi; primus carinatus, sed non limbo circumscriptus. *Carina* etiam in medio anfractûs, nec ad latus inferius, ut in *Helice Planorbi*.

4.

Vortex. H. testa carinata, ~~supra concava~~ *apertura* ovali, plana.

Linn. Fauna Succ. n. 2178. *Syst. Nat.* p. 1243. n. 667.

Linn. Gmel. p. 3620.

Lister Anim. Angl. t. 2. f. 28. ——— *Conch.* t. 138. f. 43.

——— *Act. Angl.* n. 105. f. 25.

Petiver Gaz. t. 92. f. 6.

Gualt. Test. t. 4. f. G. G.

Muller Verm. 2. p. 158. n. 345.

Pennant Brit. Zool. t. 83. f. 124.

Da Costa Brit. Conch. p. 65. t. 4. f. 12.

Schröt.

Schröt. Flussconch. t. 5. f. 16, 17.

Chemn. Conch. 9. t. 127. f. 1127. a. β.

Pulteney in Hutch. Dorset. p. 47. t. 20. f. 12.

Donovan Brit. Shells, t. 75.

Montagu Test. Brit. p. 454. ——— Supplem. t. 25. f. 3.

Habitat in fluvii, stagnis, fossis, frequentissima. Incola fuscus.

Testa diametro vix 4 poll., subpellucida, coloris cornei sub epidermide virescente vel rufescente brunnea. Hæc Hel. Planorbis minor, at anfractibus pluribus. Margo testæ in illa extra testam exseritur, at in hac ipse testæ angulus est acutus. (Linn. Fa. Suec. p. 527.)

5.

• • Rotundatae ~~anfractibus~~, et umbilicatae.

cornea. H. testa supra umbilicata, plana, nigricante; anfractibus 4 teretibus. *Linn. Fauna Suecica, n. 2179. Syst. Nat. p. 1243. n. 671. Linn. Gmel. p. 3623.*

Buonanni Reor. t. 3. f. 316.

Lister Anim. Angl. t. 2. f. 26. ——— Conch. t. 137. f. 41.

Petiver Gaz. t. 92. f. 5.

Gualt. Test. t. 4. f. D. D.

Seb. Mus. 3. t. 39. f. 17.

D'Argem. Conch. t. 31. f. 2.

Lesser's Testaceoth. p. 148. f. 9.

Hill's Swammerd. t. 10. f. 3, 4.

Knorr Vergn. 5. t. 22. f. 6.

Muller Verm. 2. p. 154. n. 343.

Pennant Brit. Zool. t. 83. f. 126. & f. 125. testa junior.

Da Costa Brit. Conch. t. 4. f. 13. H. Cornu Arletis.

Schröt. Flussconch. t. 5. f. 19—21.

Chemn. Conch. 9. t. 127. f. 1113—1115.

Pulteney in Hutch. Dorset. p. 47. t. 20. f. 13.

Donovan

Donovan Brit. Shells, t. 39. f. 1.

Montagu Test. Brit. p. 448.

Habitat in fluviis, paludibus, et fossis, frequens.

Testa diametro 1 poll., vel major. *Testæ* spira seu anfractus teres est striis longitudinalibus et transversalibus, minutissimis elevatis; tota ferruginea seu pulla, subpellucida, plana utrinque est, nec spira prominens, at latere superiore concavo umbilicata, vix autem in inferiore latere. (*Linn. Fn. Suec. p. 528.*)

6.

Spirorbis. H. testa utrinque concava plana albida, anfractibus quinque teretibus. *Linn. Fauna Suecica, n. 2180.*

Syst. Nat. p. 1244. n. 672. Linn. Gmel. p. 3624.

Martini Berl. Mag. 4. p. 258. t. 8. f. 20.

Muller Verm. 2. p. 161. n. 347. Planorbis-Spirorbis.

Schröt. Flussconch. n. 47; & t. 5. f. 18.

Montagu Test. Brit. p. 455. ——— Supplem. t. 25. f. 2.

Pulteney in Hutch. Dorset. t. 20. f. 17.

Habitat in rivis et stagnis, frequens.

Testa diametro $\frac{1}{6}$ poll. *Testa* pellucida, cornea, anfractibus 5 vel 6, plana, parum utrinque concava, vix tamen umbilicata; minime marginata. (*Linn. Fn. Suec. p. 528.*)

First distinguished as a British species by Mr. Montagu; common.

7.

contorta. H. testa subumbilicata plana, utrinque æquali; apertura lineari acuta. *Linn. Fauna Suecica, n. 2181.*

Syst. Nat. p. 1244. n. 673. Linn. Gmel. p. 3624.

Petiver Gaz. t. 92. f. 8.

Act. Ups. 1736. p. 40. n. 5.

Schröt. Flussconch. t. 5. f. 29.

Muller Verm. 2. p. 162. n. 348.

Da Costa Brit. Conch. p. 66. t. 4. f. 11. H. crassa.

Chemn.

Chemn. Conch. 9. t. 127. f. 1126.

Pulteney in Hutch. Dorset. p. 47. t. 20. f. 11. H. umbilicata.

Donovan Brit. Shells, t. 99.

Montagu Test. Brit. p. 457. ——— *Supplem. t.* 25. f. 6.

Habitat in rivis et fossis.

Testa magnitudine seminis brassicæ, raro major. *Anfractibus* quatuor acutissime sibi invicem obvolutis; utrinque fere æqualis est testa et utrinque concava. *Apertura* literam C refert, seu lunam in primo quadrante; corpus nigrum, corniculis subulatis, longis, cum in aquis versatur, et e testa prorepat. animalculum vivum; videtur testa eminus inspecta, quasi deaurata. (*Fn. Suec.* p. 528. n. 2181.)

First noticed and figured by Petiver. Mr. Donovan, at our suggestion, first gave this species as *Helix contorta* of Linnæus, with whose minute and exact description it corresponds in every respect. It may be readily distinguished by its appearance of being gilded, when occupied by the living animal, and viewed in water.

This is rather a local species. Found in ditches near Lackham, Wilts; in the Isle of Purbeck, near Wareham, and at Charmouth, Dorset, by Mr. Montagu; and plentifully at Spetisbury, Dorset, by the Rev. T. Rackett.

8.
alba. H. testa utrinque umbilicata striata; apertura dilatata.

Linn. Gmel. p. 3625.

Petiver Gaz. t. 92. f. 7.

Muller Verm. 3. p. 164. n. 350.

Walker Test. Min. Rar. f. 19.

Schröt. Flussconch. t. 5. f. 12.

Montagu Test. Brit. p. 459. ——— *Supplem. t.* 25. f. 7.

Pulteney in Hutch. Dorset. t. 9. f. 18.

Habitat

Habitat in fluviis, fossis et stagnis, frequens. *Incola* griseus, tentaculis albis oculisque nigris.

Testa diametro $\frac{1}{4}$ poll., pellucida, cornea, sub epidermide brunnea. *Anfractus* 4 teretes, striis longitudinalibus subtilissimis manifestis, transversis.

9.
fontana. H. testa compressa, obtuse carinata, hinc umbilicata; anfractibus tribus, utrinque convexis; apertura semi-ovata.

Lightfoot in Act. Angl. 76. t. 2. f. 1—4.

Montagu Test. Brit. p. 462. t. 6. f. 6.

Pulteney in Hutch. Dorset. t. 19. f. 19.

Habitat in aquis dulcibus.

Testa diametro vix $\frac{1}{10}$ poll., pellucida, lævis, glabra, coloris cornei. Similis *Nautilo lacustri*, verum superne minus convexa, et absque concavationibus.

First noticed by Mr. Agnew, and described by Lightfoot. Found at Bulstrode, Bucks; near Sandwich, Kent, in ditches; near Wareham, Dorset; and near Wedhampton, Wilts.

10.
paludosa. H. testa umbilicata, superne convexiuscula; apertura t. 4. f. 5. fere orbiculari, marginata; margine reflexo.

Morton Northampt. p. 417.

Da Costa Brit. Conch. p. 59.

Walker Test. Min. Rar. f. 23.

Montagu Test. Brit. p. 440.

Pulteney in Hutch. Dorset. t. 19. f. 25.

- β. Anfractibus striatis, seu annulatis.

Lightfoot in Act. Angl. 76. t. 3. f. 1—4. Turbo Helicinus.

Montagu Test. Brit. p. 441. H. Crenella.

Habitat in paludibus, sepibus, et ripis, super folia putrescentia, haud infrequens.

Testa diametro $\frac{7}{8}$ poll., alba, lævis, anfractibus 4 torosis. *Umbilicus* patulus. *Varietas* β . *anfract.* striis, interdum etiam annulis numerosis membranaceis cincti.

First noticed by Morton, who found it in bogs in Northamptonshire. Found also by Mr. Agnew, at Bulstrode, Middlesex; by Mr. Boys, near Sandwich, Kent; after a flood, on the banks of the Avon, Wilts, and in the sand of the Kennet, near Newbury, Berks, by Mr. Montagu; on dry banks, at Spetisbury, Dorset, by the Rev. T. Rackett.

Mr. Montagu has remarked, that the variety is seen with every gradation from slight *striæ* to membranaceous rings; and we have found the plain and the annulated shells in precisely the same situations.

11.

Ericetorum. *H. testa* umbilicata, depressa, fascia una vel pluribus, umbilico ampliata. *Linn. Gmel. p. 3632.*

Lister Anim. Angl. t. 2. f. 13. — Conch. t. 78. f. 78.

Pennant Brit. Zool. t. 85. f. 122. H. albella.

Da Costa Brit. Conch. p. 53. t. 4. f. 8. H. Erica.

Muller Verm. 2. p. 33. n. 236.

Chemn. Conch. 9. t. 132. f. 1193. a. b.

Pulteney in Hutch. Dorset. p. 47. t. 20. f. 8.

Montagu Test. Brit. p. 437. — Supplem. t. 24. f. 2.

Donovan Brit. Shells, t. 151. f. 2.

Habitat in ericetis aridis, arenosis, seu cretaceis, frequentissima.

Testa $\frac{3}{4}$ poll. lata, $\frac{1}{4}$ alta, tenuis, subpellucida, lævis, alba, subalbida, vel lutescens, fascia unica flavescens brunnea in partem superiorem anfractus primi, et per suturam ad apicem excurrente; interdum fasciis plurimis pallescentibus, interdum tota albida. *Spira* depressa, fere plana. *Umbilicus* ampliatus. *Anfractus* minores conspicui.

First figured and described by Lister.

12. *cingenda.*

12.

cingenda. H. testa umbilicata, subconvexa, spira obtusiore, apertura suborbiculari.

Gualt. Test. t. 2. H. ?

Pennant Brit. Zool. 4. t. 85. f. 33. H. zonaria.

Montagu Test. Brit. p. 418. ——— Supplem. t. 24. f. 4.

Pulteney in Hutch. Dorset. t. 18. f. 5.

Habitat ad ora arenosa, supra plantas maritimas, rarissima.

Testa $\frac{3}{4}$ poll. lata, $\frac{1}{4}$ poll. alta, lævis, subopaca, lutescens; sursum fasciis latis, lineis plurimis piceis interruptis, confertis; subtus fascia unica ciliata. *Striæ* lævissimæ, anfractus transversim et longitudinaliter excavantes, superficiem lineato-punctatam (oculo armato solum manifestam) reddunt. *Spira* picea ad apicem. *Umbilicus* minimus.

A very local species, found by Mr. Montagu, at Tenby, in South Wales; and in abundance at St. Ives, in Cornwall, by ourselves.

13.

virgata. H. testa umbilicata, convexa, alba, fascia fusca; apertura suborbiculari.

Lister Conch. t. 59. f. 56.

Petiver Gaz. t. 17. f. 6.

Gualt. Test. t. 3. f. L.

Pennant Brit. Zool. t. 85. f. 133. A.

Da Costa Brit. Conch. p. 79. t. 4. f. 7.

Schröt. Erdconch. t. 2. f. 22. & 22. a.

Linn. Gmel. p. 36, 40. H. media.

Pulteney in Hutch. Dorset. p. 47. t. 20. f. 7.

Donovan Brit. Shells, t. 65. H. zonaria.

Montagu Test. Brit. p. 415. ——— Supplem. t. 24. f. 1.

Habitat in campis arenosis et cretaceis, copiosissima.

Testa diametro $\frac{1}{4}$ poll., subopaca, alba, unica fascia fusca ab apertura per suturam anfractuum ad apicem conspicua, subtus lineis plurimis fuscescentibus vittata. *Umbilicus* coarctatus, profundus. *Labium* purpurascens-rubrum, albo marginatum.

Varietas α . subalbida, fascia pallida.

2 c 2

Plentiful

Plentiful on downs, in Kent, Cambridgeshire, Wilts, Dorset, Devon, and Cornwall.

This species has been mistaken for *H. zonaria*; but will agree neither with Linnæus's character "*depressiuscula*," nor with his references.

14.

caperata. *H. testa umbilicata, subcarinata, subdepressa, striata, apice nigro.*

Montagu Test. Brit. p. 430. t. 11. f. 11.

Pulteney in Hutch. Dorset. t. 19. f. 20.

Habitat in sepibus.

Testa ad $\frac{1}{4}$ poll. lata, $\frac{1}{4}$ poll. alta, subopaca, subalbida; superne fascia purpurascens brunnea, interdum albo interrupta; subtus lineis purpurascens brunneis. *Anfractus* striis densis numerosissimis, quibus facillime dignoscitur testa juniore *H. virgatæ*. *Labrum* tenue.

Testa colore variat, interdum brunnea, albo maculata, fascia alba ad carinam; interdum cinerea, absque fasciis.

First noticed by Mr. Boys, who found it in Kent. Mr. Montagu first gave a figure of it. Found by him in Wiltshire and Cornwall; about Stanborough and Woolcomb, and in the Barrack-Yard of George's Square, at Plymouth Dock, Devon; and by ourselves at Torquay, in that county; at Spetisbury, Dorset; and in the Isle of Portland.

15.

rufescens. *H. testa umbilicata, subcarinata, subdepressa, subrugosa, apertura semilunari.*

Lister Anim. Angl. t. 2. f. 12. — Conch. t. 71. f. A. inf.

Pennant Brit. Zool. t. 85. f. 127.

Da Costa Brit. Conch. p. 80. t. 4. f. 6.

Muller Verm. 2. p. 62. n. 258. H. sericea?

Linn. Gmel. p. 3639. H. Turturum; & p. 3617. H. sericea.?

Schröt. Erdconch. t. 2. f. 24.?

Pulteney

Pulteney in Hutch. Dorset. p. 47. t. 20. f. 6.

Montagu Test. Brit. p. 420. ——— Supplem. t. 23. f. 2.

Donovan Brit. Shells, t. 157.

Habitat in hortis, sepibus, nemoribus, frequentissima.

Testa diametro $\frac{1}{2}$ poll., tenuis, subdiaphana, rufescens seu spadicea, striis numerosis, seu rugis fere oblitteratis. *Anfractus* 4 vel 5, minime prominentes; primus subcarinatus, carina pallescente. *Spira* nunc depressa, nunc convexior. *Labrum* marginatum. *Umbilicus* cylindricus, perforatus usque ad apicem.

Testæ juniores nonnunquam tomentosæ.

Gmelin has described this species from Lister as *Helix Turturum*, but has added erroneous references. *Helix sericea* of Muller and Gmelin, and *H. holosericea* of the latter, are also probably the same shell. We have retained Da Costa's trivial name "*rufescens*," which is used by all the English authors.

16.

Cantiana. *H. testa umbilicata*, substriata, subdepressa; apertura suborbiculata.

Lister Anim. Angl. p. 126.

Montagu Test. Brit. p. 422. ——— Supplem. t. 23. f. 1.

Donovan Brit. Shells, t. 157. f. 2. H. pallida.

Pulteney in Hutch. Dorset. t. 19. f. 21.

Habitat in pratis et sepibus.

Testa $\frac{3}{4}$ poll. lata, dilute rufescens, interdum superne cæruleata; præcedenti affinis, magnitudine verò facillimè distinguenda, duplo major, tenuior, umbilico minore, obsolete striata, vix carinata, interdum fascia pallida.

First noticed by Lister, as brought from Kent. Found also by Mr. Boys, near Sandwich; at Chelsfield, Kent; Ripley, Surrey; Spetisbury, Dorset; and Alton, Hants, by the Rev. Thomas Rackett. We have not heard of its having been found in any other counties, though it is in these so frequent.

17. *nitens*.

17.
nitens. H. testa umbilicata, depressa, pellucida, fulvo-cornea,
 t. 5. f. 7. substriata; apertura larga. *Linn. Gmel. p. 3633.*
Petiver Gaz. t. 93. f. 14.
Gualt. Test. t. 2. f. G.
Pennant Brit. Zool. n. 134. H. pellucida?
Muller Verm. p. 32. n. 234.
Ström. in Act. Nidros. 3. t. 6. f. 16.
Pulteney in Hutch. Dorset. p. 47. t. 19. f. 22. H. lucida.
Montagu Test. Brit. p. 425. H. lucida.
 ——— *Supplem. t. 23. f. 4.*
Habitat in sylvis, et muscosis humidis. Incola niger.
Testa diametro usque ad ¼ poll., tenuis, glaberrima, lubrica, nitens, cornei
coloris, subtus albescentis. Anfractus striis oblitteratis. Umbilicus teres,
profundus.
18.
hispida. H. testa umbilicata, convexa, hispida, diaphana, anfrac-
 tibus quinis, apertura subrotundo-lunata. *Linn.*
Fauna Suecica, n. 2182. Syst. Nat. p. 1244. n. 675.
Linn. Gmel. p. 3625.
Petiver Gaz. t. 93. f. 13.
Morton Northampt. p. 416.?
Da Costa Brit. Conch. p. 58. t. 5. f. 10.
Muller. Verm. 2. p. 73. n. 268.
Chemn. Conch. 9. t. 122. f. 1057, 1058.
Schröter Erdconch. t. 2. f. 21.
Pulteney in Hutch. Dorset. p. 47. t. 21. f. 10.
Montagu Test. Brit. p. 423. ——— Supplem. t. 23. f. 3.
Donovan Brit. Shells, t. 151.
Habitat in pratis humectantibus.
Testa diametro ¼ poll., cornei coloris convexa, rotundata, subtus perforata,
pilis raris brevissimis hispida, apertura lunari-subrotunda. (Fn. Suec.
p. 528.)

Da Costa

Da Costa received it from Wilts, Hants, and Lincolnshire. Dr. Pulteney says it is common in Dorsetshire, in woods, among moss, and in wet and shady places. We have found it in abundance in wet meadows, at Spetisbury, in that county. It has been found also by Mr. Montagu, about Tremough-House, near Penryn, Cornwall; and sparingly in Devonshire and Wiltshire. It is certainly a local species.

19.
radiata. *H. testa umbilicata, subcarinata, subdepressa, dense striata, subtus convexa.*

Lister Conch. t. 1058. f. A. benè.

Petiver Gaz. t. 31. f. 5.

Morton Northampt. p. 416.

Gualt. Test. t. 3. f. Q.

Da Costa Brit. Conch. p. 57. t. 4. f. 15, 16.

Muller Verm. 2. p. 29. n. 231. H. rotundata.

Schröt. Erdconch. t. 2. f. 25.

Linn. Gmel. p. 3633. H. rotundata.

Pulteney in Hutch. Dorset. p. 47. t. 20. f. 15, 16.

Montagu Test. Brit. p. 432. ——— Supplem. t. 24. f. 3.

Habitat in hortis, sepibus, nemorosis, sub ligno putrescente et saxis.

Testa diametro $\frac{1}{4}$ poll., pallide brunnea, fasciis transversis rufis tessulata; interdum pallidè cornea, fasciis vix manifestis; *striis* numerosis subtilissimis circumvoluta. *Spira* depressa, apice obtusiore. *Umbilicus* patulus, teres, profundus.

Gmelin has described a different shell as *H. radiata*; ours is probably his *H. rotundata*; but we have retained the trivial name given to it by Da Costa, in justice to him as the first describer, and because it so well characterizes the species.

20. *umbili-*

20.

umbilica- II. testa subconica, subpellucida, striata, anfractibus
ta. quinis teretibus, umbilico ampliore.

Montagu Test. Brit. p. 434. t. 13. f. 2.

Pulteney in Hutch. Dorset. t. 19. f. 24.

Habitat subter saxa et tecta imbricata. *Incola* niger.

Testa diametro $\frac{1}{4}$ poll., fusco-cornea, anfractibus rotundatis, eminentibus, fere disjunctis, subtiliter striatis. *Apertura* subrotundo-lunata. *Labrum* tenue. *Umbilicus* adeo profundus, ut anfractus interne usque ad apicem conspiciendi. *Apex* obtusior.

Distinguitur ab *H. radiata*, quod omnino fusca, magis convexa, anfractuum suturæ evidentiores, et striæ vix oculo armato discernendæ.

First discovered and figured by Mr. Montagu, who found it on walls, near Tenby, Caermarthenshire; under loose stones, in Portland; and on the top of Corfe Castle, Dorset; also under the tiles of Laycock Abbey, and Lackham-House, Wilts.

21.

Trochi- H. testa subumbilicata, subconica, lævi; apertura sub-
formis. lunata, transversim compressa. *Montagu Test. Brit.*
p. 427. t. 11. f. 9.

Lister Anim. Angl. p. 123.

Act. Angl. n. 105. f. 9.?

Muller Verm. 2. p. 79. n. 276.

Da Costa Brit. Conch. p. 35.

Habitat super truncos arborum putrescentes, rarior.

Testa diametro $\frac{1}{4}$ poll., tenuis, pellucida, cornea, vel rufescens. *Anfractus* sex rotundati, læves, glabri, sutura manifesta. *Labrum* tenue, in senioribus ad angulum inferiorem paululum reflexum, sub umbilicum formans. *Apex* quam maxime productus. (*Montagu.*)

Found in Wiltshire and Devonshire, by Mr. Montagu.

22. *spinulosa.*

22.

spinulosa. H. testa subconica, umbilicata; anfractibus 5 convexis, annulis membranaceis acutis cinctis, dorso spinuloso-carinatis; apertura suborbiculari. *Lightfoot in Act. Angl.* 76. p. 166. t. 2. f. 1, 2, 3, 4, 5. inf.

Morton Northampt. p. 415.?

Muller Verm. 2. p. 81. n. 279.

Linn. Gmel. p. 3638. H. aculeata.

Chemn. Conch. 9. t. 133. f. 1209.

Montagu Test. Brit. p. 429. t. 11. f. 10.

Pulteney in Hutch. Dorset. t. 19. f. 23.

Habitat in muscosis, terrestris.

Testa diametro $\frac{1}{16}$ poll., tenuis, subpellucida, brunnea, sub epidermide spinulosa.

Found by Mr. Agnew, near Bulstrode, Bucks; at Lackham, Wilts, and at Kingsbridge, Devon, by Mr. Montagu; and at Spetisbury, Dorset, by the Rev. T. Rackett.

23.

Lacuna. H. testa umbilicata, subglobosa; anfractibus ventricosioribus, lævibus; columella sinuata.

Montagu Test. Brit. p. 428. t. 13. f. 6.

Habitat in mari.

Testa diametro $\frac{1}{4}$ poll., tenuis, pellucida, pallidè cornea. *Anfractibus* 4.

Apertura ampla, fere orbicularis. *Labrum* tenuissimum. *Columella* rimâ producta, desinente in umbilicum profundum. *Spira* fere nulla.

Mucro obtusissimus. *Testa Helici ampullaceæ* (Linn.) valde affinis.

Varietas, rarior, fasciis duabus rufescente-brunneis.

This new and curious species was discovered by Mr. Montagu, in abundance, near Southampton; and sparingly on the Devonshire coast.

24.

Pomatia. H. testa umbilicata, subovata, obtusa, decolore; apertura subrotundo-lunata. *Linn. Fauna Suecica*, n. 2183.

Syst. Nat. p. 1244. n. 677. *Linn. Gmel.* p. 3627.

Gesner Aqu. p. 355.

Aldrov. Exang. 389.

Lister Anim. Angl. t. 2. f. 1. — *Conch.* t. 48. f. 46.

Act. Angl. n. 105. f. 1.

Gualt. Test. t. 1. f. A.

D'Argenv. Conch. t. 28. f. 1.

Geve Conch. t. 29. f. 339, 340.

Hill's Swammerd. t. 4. f. 2.

Schröt. Erdconch. t. 1. f. 10.

Muller Verm. 2. p. 43. n. 243.

Pennant Brit. Zool. t. 84. f. 128.

Da Costa Brit. Conch. p. 67. t. 4. f. 14.

Chemn. Conch. 9. t. 128. f. 1138.

Pulteney in Hutch. Dorset. p. 47. t. 20. f. 14.

Donovan Brit. Shells, t. 84.

Montagu Test. Brit. p. 405.

Habitat in nemoribus et sepibus.

Testa diametro 2 poll., subglobosa, sordide alba, fasciis tribus vel plurimis rubiginosis. *Spira* subconica. *Umbilicus* exiguus.

Said to have been introduced by Mr. Howard into Surrey, where it is now common, near Darking, Ashted, Chipstead, Meastham, Boxhill, and Leatherhead. It has been found also in Oxfordshire, Kent, Wilts, Gloucestershire, and Dorsetshire.

25.

Arbustorum. *H. testa* subumbilicata, convexa, acuminata; apertura suborbiculari, bimarginata, antice elongata. *Linn.*

Fauna Suecica, n. 2184. *Syst. Nat.* p. 1245. n. 680.

Linn. Gmel. p. 3630.

Lister Anim. Angl. t. 2. f. 4. — *Conch.* t. 56. f. 53.

Act. Angl. n. 105. f. 4.

Geve

Geve Conch. t. 30. f. 354—356.

Seb. Mus. 3. t. 38. f. 68.

Pennant Brit. Zool. 4. t. 85. f. 130.

Da Costa Brit. Conch. p. 75. t. 17. f. 6.

Chemn. Conch. 9. t. 133. f. 1202.

Pulteney in Hutch. Dorset. p. 47. t. 2. f. 6.

Donovan Brit. Shells, t. 136.

Montagu Test. Brit. p. 413.

Habitat in sylvis et sepibus. Incola niger.

Testa diametro vix $\frac{1}{4}$ poll., convexiuscula. Color pallide- seu fulvo-castaneus, punctis oblongis fuscis marmorata, fascia solitaria fusca per medium anfractus; intus castaneus. Labium album, reflexum. Umbilicus ut plurimum vix conspicuus.

A local species, found in Surrey, Hampshire, Wiltshire, and Dorsetshire; but not common. We have found it in abundance in Derbyshire.

We are unable to add to the brief descriptions of the following six species in the *Testacea Minuta Rariora*.

26.
resupinata. H. apertura amplâ, ovali; anfractibus apicis resupinatis.
Walker Test. Min. Rar. t. 1. f. 24.

Testa minuta, cornea, semipellucida, glabra.

From Sandwich; very rare.

27.
globosa. H. globosa, duobus anfractibus, lævis; apertura subrotunda. Walker Test. Min. Rar. t. 1. f. 25.

Testa minuta, alba, opaca, glabra.

From Sandwich; not common.

28.
reticulata. H. unci anfractus, subumbilicata; apertura rotunda, marginata, eleganter reticulata. Walker Test. Min. Rar. t. 1. f. 26.

Adams Microsc. t. 14. f. 13.

Testa minuta, alba, pellucida.

From Reçulver; extremely rare.

29.

unispira- H. utrinque umbilicata, apertura rotunda, unici an-
lis. fractus. *Walker Test. Min. Rar. t. 1. f. 27.*

Testa minuta, alba, opaca, glabra.

From Sandwich; not common.

30.

striata. H. striata, apertura subovali, anfractibus supra dorsa-
libus. *Walker Test. Min. Rar. t. 1. f. 29.*

Adams Micr. t. 14. f. 13.

Testa minuta, viridescens-alba, pellucida.

From Sandwich; very rare.

31.

coarctata. H. anfractibus duobus; apertura subrotunda, ad um-
bilicum coarctata. *Walker Test. Min. Rar. t. 1. f. 30.*

Testa alba pellucida. An Testa junior?

From Sandwich; not common.

The following five species are from Mr. Adams's specific characters of minute shells found on the coast of Pembrokehire.

32.

tubulata. H. tribus anfractibus longitudinaliter striatis. *Adams in Act. Soc. Linn. 3. p. 67. t. 13. f. 35, 36.*

Obs.—“Singularis hac in specie est constructio, nam testa umbilici loco, tubo marginato qui extra testæ superficiem extenditur instructa est.”

33.

variegata. H. testa lævi, quatuor anfractibus primo ventricosiore, lineis rubris notatis. *Adams in Act. Soc. Linn. 3. p. 67.*

Obs.—“Basi imperforata, testa subpellucida, apertura margine patentissima.”

34. *fasciata.*

34.
fasciata. H. testa lævi, tribus anfractibus primo ventricosiore, subumbilicata, apertura ampliata. *Adams in Act. Soc. Linn.* 5. t. 1. f. 20, 21.
Obs.—“Testa tenuis pellucida alba, anfractus primus fasciis tribus purpureis, media lata, lateralibus angustis.”
35.
nitidissima. H. testa duobus anfractibus subtilissime transverse striata. *Adams in Act. Soc. Linn.* 5. t. 1. f. 22—24.
Obs.—“Testa cornea pellucida umbilicata, eximio nitore facillime distinguenda.”
36.
bicolor. H. testa lævi, duobus anfractibus vix umbilicata. *Adams in Act. Soc. Linn.* 5. t. 1. f. 25, 26, 27.
Obs.—“Hæc species differt a præcedente cui affinis, quod lævis, neque glabra, et intus alba.”
37. ***** *Rotundatæ imperforatæ*.
vivipara. H. testa imperforata, subovata, obtusa, cornea, cingulis fuscatis; apertura suborbiculari. *Linn. Fauna Suec.* n. 2185. *Syst. Nat.* p. 1247. n. 690. *Linn. Gmel.* p. 3646.
Lister Anim. Angl. t. 2. f. 18.
—— *Conch.* t. 126. f. 26.; & t. 1055. f. 6.
—— *Act. Angl.* n. 105. f. 17.
Petiver Gaz. t. 99. f. 16.
Seb. Mus. 3. t. 38. f. 12.; & t. 39. f. 33, 34.
Gualt. Test. t. 5. f. A.
Ginann. Op. Post. t. 1. f. 6, 7.?
Hill's Swammerd. t. 8. f. 5—13.
Knorr Vergn. 5. t. 17. f. 4.
Pennant Brit. Zool. t. 84. f. 132.; & t. 85. fig. sup. Testa junior?
Da Costa Brit. Conch. p. 81. t. 6. f. 2.

Schröt.

Schröt. Flussconch. t. 8. f. 1, 2.; & t. Min. C. f. 6.

Chemn. Conch. 9. t. 132. f. 1182, 1183.

Pulteney in Hutch. Dorset. p. 48. t. 17. f. 2.

———— *Ibid. H. compactilis.*

Donovan Brit. Shells, t. 87.

Montagu Test. Brit. p. 386.

Habitat in rivis et lacubus.

Testa ad 1½ poll. longa, 1 poll. lata, pellucida, tenera, ex luteo olivacea, subtilissime striata. Anfractus teretes, linea triplici livida. Spira obtusa. Apertura ovata, operculo membranaceo.

Plentiful in the Thames, and streams communicating with that river. Found also in the Stour, Dorset.

38.

nemoralis. H. testa imperforata, subrotunda, lævi, diaphana, fasciata; apertura subrotundo-lunata. Linn. Fauna Suec. n. 2186. Syst. Nat. p. 1247. n. 691. Linn. Gmel. p. 3647.

α. *Citrina, incarnata seu spadicea, labris fuscis.*

Lister Conch. t. 57. f. 54. superior.

Petiver Gaz. t. 91. f. 9—11.; & t. 92. f. 10.

Gualt. Test. t. 1. f. Q. sin.

Geve Conch. t. 32. f. 398, 399.; & t. 33. f. 426.

Da Costa Brit. Conch. t. 5. f. 1, 2, 8.

β. *Citrina, virescente lutea, seu incarnata, fascia unica fusca, labris fuscis.*

Petiver Gaz. t. 91. f. 10. 12.

Seb. Mus. 3. t. 39. f. 13. & 18.

Geve Conch. t. 32. f. 402—404.

Schröt. Erdconch. t. 2. f. 21.

Da Costa Brit. Conch. t. 5. f. 3.

Chemn. Conch. 9. t. 133. f. 1198.

Donovan Brit. Shells, t. 13. f. sup. & media.

γ. *Citrina,*

Citrina, virescente-lutea, seu incarnata, fasciis plurimis fuscis, nunc angustioribus, nunc latioribus, labris fuscis.

Lister Conch. t. 57. f. 54. quatuor inferiores.

Petiver Gaz. t. 92. f. 9.

Seb. Mus. 3. t. 39. f. 12.

Gualt. Test. t. 1. f. P.

Geve Conch. t. 32. f. 393—397. & f. 406—411.; & t. 33. f. 412—420.

Hill's Swammerd. p. 70. t. 8. f. 5.

Schröt. Erdconch. t. 1. f. 14—17. & f. 29, 30.

Muller Verm. 2. p. 46. n. 246.

Da Costa Brit. Conch. t. 5. f. 4, 5—14, 15.

Born Mus. t. 16. f. 3—8.

Favanne Conch. t. 63. H.

Chemn. Conch. 9. t. 133. f. 1196-7.

Donovan Brit. Shells, t. 13. fig. tres inf.

Pulteney in Hutch. Dorset. p. 48. t. 21.

Montagu Test. Brit. p. 411.

Structura coloribusque variis omnino eadem cum præcedentibus sed minor, et labro constanter incrassato albo.

Lister Anim. Angl. p. 117. n. 1.

Gualt. Test. t. 1. f. Q. dextr.

Geve Conch. t. 31. f. 368—390.

Schrot. Erdconch. t. 2. f. 27.

Muller Verm. p. 52. n. 147. H. hortensis.

Born Mus. p. 385. t. 16. f. 18, 19. H. hortensis.

Chemn. Conch. 9. t. 133. f. 1199—1201.

Linn. Gmel. p. 3649. H. hortensis.

Montagu Test. Brit. p. 412. H. hortensis.

Habitat

Habitat in sepimentis, et nemoribus, frequentissima.

Testa diametro 1 poll., subrotunda, substriata. *Spira* convexa, obtusa.

Apertura latior quam longa. *Umbilicus* nullus.

39.

hortensis. *H.* testa imperforata, subglobosa, lutea; fasciis quatuor spadiceis, maculis albis interruptis, labro candido.

Linn. Gmel. p. 3631. *H. aspersa*.

Lister Anim. Angl. t. 2. *f.* 2. — *Conch. t.* 49. *f.* 47.

Act. Angl. n. 105. *f.* 5.

D'Argenv. Conch. t. 28. *f.* 11.

Knorr Vergn. 4. t. 27. *f.* 3.

Geve Conch. t. 30. *f.* 344.

Martin Berl. Mag. 2. t. 2. *f.* 17.

Muller Verm. 2. p. 59. *n.* 253.

Pennant Brit. Zool. t. 84. *f.* 129.

Da Costa Brit. Conch. p. 72. *t.* 4. *f.* 1. *Cochlea vulgaris*.

Favanne Conch. t. 63. *f.* D. 2, 3, 4.

Pulteney in Hutch. Dorset. p. 48. *t.* 20. *f.* 1. *H. lucorum*.

Montagu Test. Brit. p. 407. *H. aspera*.

Donovan Brit. Shells, t. 131.

Habitat in hortis, sepimentis et nemoribus, passim.

Testa diametro ad 1½ poll., alba, vel lutea, fasciis 4 spadiceis interruptis, tertia latissima, punctis minimis impressis rugosula. *Anfractus* 4, plicis oblitteratis. *Spira* subconica, obtusior. *Labium* interne dilatatum, marginatum, candidum. *Columella* candida.

This species was with propriety named *H. hortensis*, by Pennant, as it is our common garden snail. We have therefore retained his trivial name in preference to Gmelin's *aspersa*. *H. hortensis* of Gmelin appears to us to be a variety of *H. nemoralis*, as it differs only in having a white, thickened margin, and is found of all the colours of that species.

40. *fusca*.

40. *fusc.* II. testa lævi, diaphana, apertura lunari, umbilico nullo. *Montagu Test. Brit. p. 424. t. 13. f. 1.*

Habitat in nemoribus.

Testa $\frac{3}{4}$ poll. lata, vix $\frac{1}{4}$ poll. alta, rufescente-cornea. *Anfractus* 5 vel 6, rugis levissimis. *Labrum* tenue, paululum reflexum ad angulum inferiorem.

Testa facie *H. rufescentis*, sed magis diaphana, minus rugosa, et umbilico nullo. (*Montagu.*)

Found by Mr. Boys at Sandwich, and by Mr. Montagu in Devonshire.

41. **** *Turritæ.*

- elegantis-sima.* H. testa subulato-turrita, anfractibus oblique sulcatis. *Walker Test. Min. Rar. f. 39.*

Montagu Test. Brit. p. 298. t. 10. f. 2.

Donovan Brit. Shells, t. 179. f. 1. Turbo acutus.

Habitat in mari.

Testa ad $\frac{1}{4}$ poll. longa, sub epidermide brunnea, alba, semipellucida, glaberrima. *Anfractus* 9—13, sulcis obliquis regularibus æquidistantibus; sutura manifesta. *Spira* acutissima.

First noticed by Mr. Boys, at Sandwich. Not uncommon in sand, from Falmouth Harbour, Salcomb Bay, and Ilfracomb. (*Mr. Montagu.*)

This species is allied to the acuminated *Turbines*, but from its aperture must be arranged, like the species which follow, among the *Helices*.

42. *decussata.* II. testa subulato-turrita, decussata, apertura utrinque angulata.

Montagu Test. Brit. p. 399. t. 15. f. 7.

Habitat in mari.

Testa $\frac{1}{4}$ poll. longa, $\frac{1}{16}$ lata, alba, oculo armato decussata. *Anfractus* 8—9, parum eminentes, striis longitudinalibus fortioribus regularibus, transversis minutissimis. *Apertura* subovalis, utrinque angustata.

Labrum paululum incrassatum. *Labium* leviter replicatum. *Sutura* tenuissima.

Testa forma *Helicis politæ*, sed apertura magis obliqua. (*Montagu*.)

An elegant and new species, discovered by the late Mr. Bryer, at Weymouth.

43.

subulata. *H. testa* subulato-turrita, levissima, testaceo-fasciata, apertura ovata.

Da Costa Brit. Conch. p. 117. Strombiformis glaber.

Donovan Brit. Shells, t. 172.

Pulteney in Hutch. Dorset. t. 19. *f.* 14.

Testa $\frac{3}{4}$ poll. longa, tenuis, subdiaphana, pallidè carnaria, lineis albis et testaceis, vel brunneis, spiralibus. *Anfractus* plani. *Apex* acutissimus.

First noticed by Da Costa, from Exmouth, in Devonshire. Mr. Donovan received it from Weymouth.

44.

polita. *H. testa* turrita, imperforata, glaberrima, apertura ovata. *Linn. Syst. Nat. p.* 1241. *n.* 653. *Linn. Gmel. p.* 3612. Turbo politus.

Borlase Coræus. p. 277.

Pennant Brit. Zool. t. 79. *fig. sup.*

Da Costa Brit. Conch. p. 116. Strombiformis albus.

Pulteney in Hutch. Dorset. p. 49. *t.* 19. *f.* 15.

Donovan Brit. Shells, t. 177. Turbo albus.

Montagu Test. Brit. p. 398.

Habitat in mari, rarior.

Testa grani hordei magnitudine, albissima, opaca, nitidissima, anfractibus linea excavata tenui interdistinctis. (*Linn.*)

First noticed by Borlase; found on the Western coast.

45.

bifasciata. *H. testa* subumbilicata, turrita, oblonga, rudi, anfractibus teretiusculis, apertura ovata.

Lister Conch. t. 9. *f.* 14.

Pennant

Pennant Brit. Zool. 4. t. 82. f. 119.

Da Costa Brit. Conch. p. 90.

Pulteney in Hutch. Dorset. p. 49. t. 18. f. 10.

Donovan Brit. Shells, t. 18. f. 1. *T. fasciatus.*

Montagu Test. Brit. p. 346. ——— *Supplem.* t. 22. f. 1.

Habitat in arenosis, supra plantas maritimas.

Testa ad 1 poll. longa, alba. *Anfractus* fascia fusca interrupta; infimus fascia duplici.

First figured and described by Lister, who had it from Wales. This is a very local species, although found in great profusion on many parts of the Western coast; viz. near Whitsand Bay, Cornwall; at Bigberry Bay, Devon; and at Lullworth Cove, Dorset.

46.

octona. *H. testa* subperforata, turrita, anfractibus 8, apertura t. 5. f. 10. subrotunda. *Linn. Syst. Nat.* p. 1248. n. 698. *Linn. Gmel.* p. 3653.

Chemn. Conch. 9. t. 136. f. 1264.

Pulteney in Hutch. Dorset. p. 49. t. 18. f. 5.

Habitat in subpaludosis.

Testa magnitudine grani secalis, cornea. *Umbilicus* adeo obsoletè perforatus, ut vix constet utrum vere perforatus dicendus. *Apertura* fere orbiculata. (*Linn.*)

We insert this species solely on Dr. Pulteney's authority. He says, "I have only found it dead, and in a bleached state, but otherwise perfect."

47.

octanfrac- *H. testa* imperforata, turrita, substriata, anfractibus 8, ta. apertura ovata.

Pennant Brit. Zool. 4. t. 86. f. 135. *H. octona.*

Montagu Test. Brit. t. 11. f. 8.

Pulteney in Hutch. Dorset. t. 18. f. 11.

Habitat in aquis stagnantibus, rarissima.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, sub epidermide fusco-cornea, pellucida. *An-*
fractus

fractus planiusculi, æquabiliter decrescentes, linea tenui discreti. Spira acuta.

This is either a rare, or very local species. It is probably the shell figured by Pennant for *H. octona*. Mr. Montagu has found it between Looe and Fowey, in Cornwall. We have procured it from a gravel-pit between Litchet and Lower Litchet, Dorset; and it is said to inhabit a pond at Nine Elms, near Vauxhall, Surrey.

48.

Lackham-H. testa subperforata, ovato-oblongiuscula, apertura ensis. subrotundo-lunata, margine reflexo.

Montagu Test. Brit. p. 394. t. 11. f. 3.

Habitat in nemoribus humectantibus. Incola pallidus.

Testa $\frac{3}{8}$ poll. longa, $\frac{1}{4}$ lata, sordide brunnea, cornea vel cinerascens, subpellucida, paululum inflata, leviter rugosa. *H. obscuræ* affinis, sed duplo major, neque tam opaca. *Aperturæ* margo exterius magis reflexus.

This rare species was discovered by Mr. Montagu; and found only in woods, at Lackham, and Bow-Wood, Wilts.

49.

obscura. H. testa subperforata, ovato-oblongiuscula, impura, ant. 5. f. 11. fractibus 5—7, subrugosis, apertura subrotundo-lunata, labro candido. Linn. Gmel. p. 3661. n. 141.

Muller Verm. 2. p. 103. n. 302.

Da Costa Brit. Conch. p. 90. Turbo Rupium?

Walker Test. Min. Rar. f. 41.

Favanne Conch. t. 65. f. F.

Montagu Test. Brit. p. 391. ——— Supplem. 22. f. 5.

Pulteney in Hutch. Dorset. p. 49. t. 19. f. 27. H. stagnorum.

Habitat in sylvis, super fagi et fraxini truncos, rarius in sepibus aridis.

Testa $\frac{3}{8}$ poll. longa, plusquam $\frac{1}{4}$ lata, opaca, fusca, ventricosa. *Anfractus* paululum rotundati. *Sutura* profunda. *Apex* obtusus. *Aperturæ* margo acutus.

Found

Found by Mr. Boys at Faversham; by Mr. Montagu in a moist wood, at Lackham, Wilts, on dry banks, in Devonshire, and under stones, on the highest part of Portland Island; and by the Rev. Thomas Rackett in dry banks, at Spetisbury, Dorset.

50.

lubrica. *H. testa imperforata*, subturrita, anfractibus 5 vel 6, t. 5. f. 12. parum convexis.

Lister Anim. Angl. t. 2. f. 7.

Petiver Gaz. t. 30. f. 7.

Schröt. Erdconch. t. 1. f. 9.

Muller Verm. 2. p. 104. n. 303.

Pennant Brit. Zool. 4. t. 82. f. 118.

Da Costa Brit. Conch. p. 87. t. 5. f. 18.

Linn. Gmel. p. 3661.

Pulteney in Hutch. Dorset. t. 21. f. 18.

Montagu Test. Brit. p. 390. ——— Supplem. t. 22. f. 6.

Habitat in dumetis humidis, sub ligno putrescente. *Incola* niger, tentaculis 4 clavatis.

Testa $\frac{1}{4}$ poll. longa, $\frac{1}{8}$ lata, pellucida, lævis, glaberrima, nitidissima, fulvo flavescens vel cornea. *Apex* obtusior. *Sutura* apparet linea duplex.

Labrum crassiusculum utplurimum, rufescente-brunneum. *Apertura* ovata. *Umbilicus* nullus.

First described as British by Da Costa, who, with Dr. Pulteney, conceived it to be *H. stagnorum* of Linnæus, n. 697; but it does not sufficiently answer to his character of "*subperforata*," or to Baster's figure, *Op. Subs. t. 7. f. 4.*

51.

vitrea. *H. testa subcylindrica*, anfractibus 4 rotundatis; apertura subovali, versus apicem coarctata. *Montagu Test. Brit. p. 321. t. 12. f. 3.*

Testa $\frac{1}{8}$ poll. longa, tenuis, pellucida, glabra, alba. *Sutura* profunda. *Apex* obtusior. *Columella* manifesta usque ad apicem.

Distinguitur

Distinguitur a varietate alba *T. rubri*, quod magis acuminata, vel subcylindrica. *Anfractus* validiores, et magis obliqui.

Differt a *T. striato* quod lævis, nec apertura marginata. (*Montagu*.)

Found by Mr. Montagu, sparingly, at Whitsand Bay, Cornwall.

52.

Punctura. H. testa conica, anfractibus 6 globosis, reticulatis, apertura suborbiculari. *Montagu Test. Brit. p.* 320. *t.* 12. *f.* 5. Turbo *Punctura*.

Habitat in mari, rarissima.

Testa $\frac{1}{6}$ poll. longa, $\frac{1}{6}$ lata, flavescens-alba. *Anfractus* ope microscopii videntur punctati, et decussati striis delicatissimis.

A new and elegant species, discovered by Mr. Montagu, at Whitsand Bay, in Cornwall; and in sand from Salcomb Bay, Devon.

53.

arenaria. H. testa conica, anfractibus 5 rotundatis, decussatis.

Walker Test. Min. Rar. f. 52.?

Adams in Act. Soc. Linn. S. p. 66. *t.* 13. *f.* 33, 34.?

Montagu Test. Brit. p. 322. *t.* 12. *f.* 4. *T. decussatus*.

Habitat in mari, rarissima.

Testa vix $\frac{1}{4}$ poll. longa, vix $\frac{1}{4}$ lata, subpellucida, glabra, alba. *Anfractus* striis longitudinalibus elevatis, et transversis delicatissimis decussati.

Apex vix acutus. *Labrum* tenue.

Testa magis cylindrica, striis longitudinalibus solidioribus, et apertura magis ovali quam *H. Punctura*. (*Montagu*.)

Found by Mr. Montagu, in sand, from Salcomb Bay, Devon.

54.

***** *Ovatæ imperforatæ*.

stagnalis. H. testa imperforata, ovato-subulata, subangulata, apertura ovata. *Linn. Fauna Suecica, n.* 2188. *Syst.*

Nat. p. 1249. *n.* 703. *Linn. Gmel. p.* 3657.

Aldr. Test. S. p. 359. *n.* 3.

Lister Anim. Angl. t. 2. *f.* 21. — *Conch. t.* 123. *f.* 21.

— *Act. Angl. n.* 105. *f.* 22.

Petiver

Petiver Mus. 82. n. 85.

Swammerd. Bibl. Nat. t. 9. f. 4.

Gualt. Test. t. 5. f. I. L.

D'Argenv. Conch. t. 27. n. 6. f. 1.

Seb. Mus. 3. t. 39. f. 52—53.

F. Ginann. Op. Post. t. 1. f. A. B. C.

Muller Verm. 2. p. 132. n. 327.

Pennant Brit. Zool. t. 86. f. 106.

Da Costa Brit. Conch. p. 93. t. 5. f. 11.

Schröt. Flussconch. t. 7. f. 1—3. t. 11—min. C. f. 1.

Born Mus. t. 16. f. 16.

Favanne Conch. t. 61. f. 16. & 23.

Chemn. Conch. 9. t. 135. f. 1237, 1238.

Pulteney in Hutch. Dorset. p. 48. t. 21. f. 11.

Donovan Brit. Shells, t. 51. f. 2.

Montagu Test. Brit. p. 367. t. 16. f. 8.

Habitat in fluviis, fossis, stagnis, et paludibus, passim.

Testa ad 2 poll. longa, 1 poll. lata, tenera, fragilis, pellucida, omni pictura caret, sed colore variat, aliis fere atra, aliis cinerea, aliis albida, aliis subgrisea. *Striae* minutissimæ, anfractuum transversæ, seu testæ longitudinalinales, vix oculis nudis conspicuæ. *Anfractus* 6 vel 7, primus turgidus, reliquis simul sumtis æqualis. *Spira* acutissima. *Apertura* ampla, labro repando, non marginato.

55.

fragilis. *H.* testa imperforata, ovato-subulata, tereti, pellucida, apertura ovato-oblonga. *Linn. Fauna Suecica*, n. 2187
Syst. Nat. p. 1249. n. 704. *Linn. Gmel.* p. 3658.

Act. Ups. 1796. p. 41. n. 24.

Martin. Berl. Mag. 4. t. 9. f. 35.

Montagu Test. Brit. p. 369. t. 16. f. 7.

Habitat in aquis dulcibus.

Testa pellucida, longa, sed tam tenera ut vix tactum ferat. (*Linn. Faun. Suec.* p. 330.)

H. fragilis appears to differ but little from *H. stagnalis*.

nalis. The shell figured in *Test. Brit.* t. 16. f. 7. is certainly "more slender, and the volutions are more diaphanous and turn more oblique" than *H. stagnalis*; it is therefore probably the shell which Linnæus has described; but a question may arise, whether it ought to be considered as a distinct species.

We have not quoted the *whole* of the description given by Linnæus in the *Fauna Suecica*, on account of his comparing this species, from a singular inadvertency, with *H. nemoralis*.

Found by Mr. Montagu in the canal between Chippenham and Laycock; Wilts.

56.
palustris. *H. testa oblonga, anfractibus paululum rotundatis, t. 5. f. 8. apertura ovata.*

Lister Anim. Angl. t. 2. f. 22. — Conch. t. 124. f. 24.

Gualt. Test. t. 5. f. E.

Seb. Mus. 3, t. 39. f. 39, 40.

Ginann. Op. Post. t. 1. f. 2.

Muller Verm. 2. p. 131. n. 326.

Pennant Brit. Zool. 4. t. 86. f. 136. B.

Schröt. Flussconch. t. 7. f. 9, 10.

Favanne Conch. t. 61. f. F. 22.

Linn. Gmel. p. 3658.

Pulteney in Hutch. Dorset. p. 48. t. 18. f. 18.

Montagu Test. Brit. p. 373. t. 16. f. 10.

Donovan Brit. Shells, t. 175. f. 1. H. fragilis; ♂ f. 2.

H. fontinalis.

Habitat in fossis et rivulis.

Testa ad 1 poll. longa, $\frac{2}{3}$ lata. *Color* griseus, sub epidermide fusca, in junioribus brunneus. *Striis* subtilissimis confertis, transversis et spiralibus, exarata. *H. stagnali* affinis, sed minor, minus fragilis, nec apice subulata,

subulata, nec basi ventricosa. *Apertura* minus dilatata. Intus purpureus vel purpurascens-brunneus. *Incola* cinereus, albido punctatus.

57.

fossaria. H. testa imperforata, subovata, anfractibus 5 vel 6, t. 5. f. 9. rotundatis; sutura conspicua; apertura ovata.

Montagu Test. Brit. p. 372. t. 16. f. 9.

Habitat in fossis et aquis stagnantibus supra limum, haud infrequens.

Testa $\frac{3}{4}$ poll. longa, plusquam $\frac{1}{2}$ lata, tenuis, pellucida, nec transversae rugosa, cornei coloris; H. *palustri* quam maximè affinis, sed vix unquam cum illa reperta, duplo minor, ac ut plurimum magis attenuata. *Anfractus* magis rotundati. *Sutura* evidentior. *Apertura* minus oblonga.

This species appears to have been first distinguished by Mr. Montagu. He has found it in many parts of the kingdom.

58.

detrita. H. testa conica, alba, lineis transversis rufis; apertura ovata. *Linn. Gmel. p. 3660. n. 139.*

Schröter Erdconch. t. 1. f. 1.

Favanne Conch. t. 65. f. A. 5.

Chemn. Conch. 9. t. 134. f. 1224. 1, 2.

Pulteney in Hutch. Dorset. p. 49. t. 19. f. 26.

Montagu Test. Brit. p. 384. t. 11. f. 1.

Habitat in stagnis et rivis? rarissima.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{2}$ lata, glabra, polita, subpellucida, alba, vel pallide cornea, strigis obsoletis, in quibusdam oblitteratis. *Anfractus* 6 minus prominentes. *Apertura* ovata. *Labium* ad columellam aliquantulum reflexum, in subumbilicum desinens. *Apex* obtusior.

Found only by Mr. Bryer, in a stream, near Upway, in Dorsetshire.

Dr. Pulteney, who described this species in his Dorsetshire Catalogue, doubts whether it be really *Helix detrita* of Gmelin and Muller. All the specimens are

destitute of bands. Chemnitz's figure represents the shell, but is cited by Gmelin for *Helix acuta*, perhaps a variety of *H. detrita*; see Pulteney's Catalogue, p. 49. et *Montagu Test. Brit.* p. 385.

This shell has been frequently sought for, (but without success) in the place where the late Mr. Bryer procured it.

59.

succinea. *H. testa oblonga, fulva, diaphana, anfractibus 3; apertura ovata.* *Muller Verm.* 2. p. 97. n. 296.

Hill's Swammerd. p. 69. t. 8. f. 4.

Gualt. Test. t. 5. f. H.

Schröt. Erdconch. t. 1. f. 2.

Chemn. Conch. 9. t. 135. f. 1248.

Pulteney in Hutch. Dorset. p. 48. t. 18. f. 19. *H. limosa.*

Montagu Test. Brit. p. 376. t. 16. f. 4. (bene.) *H. putris.*

Donovan Brit. Shells, t. 168. f. 1. *H. putris.*

Habitat in pratis humidis supra plantas riparias. *Incola* flavescens, maculis cinereis, tentaculis quatuor.

Testa $\frac{3}{4}$ poll. longa, vix $\frac{1}{4}$ lata, sæpius minor, oblonga, glabra, pellucidissima, membranacea, fragilissima, colore succini flavi. *Anfractus* primus maximus, elongatus, minimè ventricosus. *Apertura* plusquam dimidiam testam longitudine æquans. *Labrum* tenuissimum. *Spira* productior. *Apex* acutus.

Dr. Pulteney first distinguished this species as different from *H. putris*. It does not agree better with the description of *H. limosa*, "*anfractibus quinque.*" We have therefore retained Muller's trivial name of *succinea*, who has well defined the shell, and described its included animal. Gmelin has followed Muller in supposing this species to be the *H. putris* of Linnæus, and
has

has retained Linnæus's references to Lister, &c. which do not represent our shell, together with that to Chemnitz, which figures it exactly. He has also adopted Muller's description of the animal, which has 4 *tentacula*. This would serve to determine the species, but Linnæus has no where noticed the circumstance, and describes *H. putris* as "*obtusa*;" and "*mucrone obtusiusculo*," characters which do not belong to *H. succinea*.

60.
putris. *H. testa imperforata, ovata, obtusa, flava; apertura ovata.* Linn. *Fauna Suecica*, n. 2189. *Syst. Nat.* p. 1249. n. 705. Linn. *Gmel.* p. 3659.
Bonann. Recr. 6. t. 54.
Tulp. Obs. 210. p. 195. t. 201.
Lister Anim. Angl. t. 2. f. 24. — *Conch.* t. 123. f. 23.
— *Act. Angl.* n. 105. f. 18.
Klein Ostr. t. 3. f. 70.
Pennant Brit. Zool. t. 86. f. 137.
Da Costa Brit. Conch. p. 92. t. 5. f. 13. *T. trianfractus.*
Schröt. Flussconch. t. 6. f. 3. & 6.; t. 7. f. 12.; & t. min. C. f. 2.
Favanne Conch. t. 61. f. E. 4.
Montagu Test. Brit. p. 373. t. 16. f. 3. *H. peregra.*
Pulteney in Hutch. Dorset. t. 21. f. 13.; & t. 19. f. 30.
Habitat, vulgatissima, in stagnis, fossis, fluviis. *Incola* subalbidus.
Testa ad 1 poll. longa, $\frac{1}{2}$ lata, tenera, pellucida, strigis minutissimis parallelis obliquis, flavescens, seu cornea, ut plurimum sub epidermide fusca. *Anfractus* 4, mucrone obtusiusculo. *Apertura* ampla, margine tenui, nec dilatato.
t. 5. f. 8. *Varietas* labro incrassato, albo.

The variety is found in a pond between Whitchurch and Milbourne, Dorset.

61.

tentacula H. testa imperforata, ovata, obtusa, impura; apertura
ta. subovata. *Linna. Fauna Suecica*, n. 2191. *Syst. Nat.*
 p. 1249. n. 707. *Linna. Gmel*, p. 3662.

Lister Anim. Angl. t. 2. f. 19. — *Conch.* t. 132. f. 32.

— *Act. Angl.* n. 102. f. 21.

Petiver Gaz. t. 18. f. 8.

Gualt. Test. t. 5. f. B.

Muller Verm. 2. p. 185. n. 372. *Nerita Jaculator.*

Pennant Brit. Zool. t. 86. f. 140.

Da Costa Brit. Conch. p. 91. t. 5. f. 12. *Turbo Nucleus.*

Schröt. Flussconch. t. 7. f. 19—22.

Walker Test. Min. Rar. f. 33. *pullus.*

Chemn. Conch. 9. t. 135. f. 1245.

Pulteney in Hutch. Dorset. p. 49. t. 21. f. 12.

Donovan Brit. Shells, t. 93.

Montagu Test. Brit. p. 389.

Habitat in rivis, stagnis, et paludibus, frequens.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, sordide alba, seu cornea, diaphana, glabra. *An-*
fractus 4 vel 5, teretes. *Spira* oblongiuscula. *Apex* obtusior. *Aper-*
tura fere orbicularis, operculo clausa.

One of the most common of our British fresh-water
 species.

62.

canals. H. testa conica, anfractibus 5 rotundatis lævibus, co-
 lumella canaliculata. *Montagu Test. Brit.* p. 309.
 t. 12. f. 11.

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{2}$ lata, pellucida, cornea. *Anfractus* primus magnus.
Apex acutus. *Apertura* suborbicularis, subangulata.

Distinguitur ab *Helice tentaculata*, et apertura, et columella canaliculata.

Varietas, rarior, fasciis 2 brunneis.

First

First noticed and figured by Mr. Montagu ; plentiful on the shore near Southampton.

68.

duricula-ria. *H. testa imperforata, ovata, obtusa ; spiræ acuta, brevissima ; apertura amplata. Linn. Fauna Suecica, n. 2192. Syst. Nat. p. 1250. n. 708. Linn. Gmel. p. 3662.*

Lister Anim. Angl. t. 2. f. 23. — Conch. t. 123. f. 22.

Ginann. Op. Post. t. 1. f. 3.

Güldt. Test. t. 5. f. P.

D'Argenv. Conch. t. 31. f. 7.

Geoffr. Test. 3.

Müller Verm. 2. p. 126. n. 322.

Murray in Amæn. Acad. 8. t. 1. f. 4.

Pennant Brit. Zool. t. 86. f. 138.

Da Costa Brit. Conch. p. 95. t. 5. f. 17.

Schröt. Flussconch. t. 6. f. 4, 5.

Favanne Conch. t. 61. f. E. 3. & E. 11.

Chemn. Conch. 9. t. 135. f. 1241, 1242.

Pulteney in Hatch Dordet. p. 49. t. 21. f. 17.

Donovan Brit. Shells, t. 51. f. 1.

Montagu Test. Brit. p. 375. t. 16. f. 2.

β. Schröt. Erdconch. t. 1. f. 3.

Chemn. Conch. 9. t. 135. f. 1246, 1247.

Montagu Test. Brit. p. 381. t. 16. f. 1. H. limosa.

Habitat in aquis, stagnantibus, et rivis, vulgaris.

Testa 1 poll. longa, $\frac{1}{2}$ lata, tenuis, fragilis, pellucida, sordide alba, seu flavescens, anfractu primo maxime ventricoso seu inflato, minutissime transversim striata. Apertura patentissima, labro dilatato, margine reflexo. Columnella uniplicata.

The variety is perhaps a young shell of this species.

The

The first volution is less ventricose and thinner, and the mouth not so patulous, but it has no character to entitle it to be considered as distinct. It cannot be *H. limosa*, as Chemnitz and Gmelin have asserted, since it does not accord with Linnæus's referent to *Gualt. Test. t. 5. f. H.* or with his descriptions of that species in the two editions of his *Fauna Suecica*—"Testa oblongiuscula, anfractibus quinque, valde tenera et acuta."

64.

lutea. H. testa imperforata, subovali; apertura patula, ovali.
Montagu Test. Brit. p. 380. t. 16. f. 6.

Habitat in mari? rarior.

Testa fere $\frac{1}{4}$ poll. longa, plusquam $\frac{1}{4}$ lata, lævis, subpellucida, sordidè aurantiaca. *Anfractus* vix 3, primus amplus.

Testa H. auriculariæ β . similis, sed minus tumida, et quamvis minor magis crassa et solida; hactenus, expers limacis incolæ, solum ad littora maris reperta. (*Montagu.*)

65.

glutinosa. H. testa ventricosa, diaphana, mucrone obtuso, apertura ampla. *Muller Verm. 2. p. 129. n. 323.* Buccinum glutinosum. *Linn. Gmel. p. 3659. n. 134.*

Schröt. Flussconch. p. 271. n. 79.

Montagu Test. Brit. p. 379. t. 16. f. 5.

Habitat, rarior, *Nymphææ luteæ* foliis insidens. *Limax* incola pallio gelatinoso totam testam obvolvens.

Testa plusquam $\frac{1}{4}$ poll. longa, $\frac{3}{4}$ lata, tenerrima, fragilissima, flava. *Anfractus* 2 vel 3. *Apertura* repanda, rotundata. (*Gmelin.*)

First noticed by Mr. Boys; plentiful in the marshes at Deal. Found also by Mr. Montagu.

66.

lævigata. H. testa imperforata, obovata, obtusissima, pellucida lævissima. *Linn. Syst. Nat. p. 1250. n. 709.* *Linn. Gmel. p. 3663.*

Pennant

Pennant Brit. Zool. 4. t. 86. f. 139.

Walker Test. Min. Rar. f. 17.

Pulteney in Hutch. Dorset. p. 49. t. 18. f. 9.

Donovan Brit. Shells, t. 105.

Montagu Test. Brit. p. 382.

Habitat in pelago, rarior.

Testa magnitudinis pisi vel duplo major, et interdum diametro $\frac{3}{4}$ poll. tenera, fragillima, diaphana, rubescente-alba, vel brunnea, sub epidermide lutescente. *Anfractus* primus maximus, ventricosus, minutissime transversim striatus, costis obsoletis longitudinalibus, seu ab apice ad marginem. *Spira* obsoleta, apice obtusa. *Apertura* fere orbicularis, patentissima, margine acutissima.

First noticed and figured as British by Pennant. Found by Mr. Montagu, at Southampton, in Devonshire, and at Falmouth, Cornwall; by Mr. Boys, at Sandwich; and by ourselves, on the beach at Studland, Dorset.

67.

Bulloides. H. testa ovata, lævi, nitida, cornea, fragili, anfractibus contrariis, spira brevi. *Donovan Brit. Shells,* t. 168. f. 2.

We are unable to add to this description; as the specimen received from Lincolnshire by the late Duchess of Portland, and engraved by Mr. Donovan, was accidentally destroyed. He is confident that the shell was distinct from *Bulla fontinalis*, which the figure strongly resembles.

NERITA.

Linn. Syst. Nat. n. 329.

1.

* Umbilicatæ.

Canrena. N. testa umbilicata, lævi, spira submucronata, umbilico gibbo,

gibbo, bifido. *Linn. Syst. Nat.* p. 1251. n. 715. *Linn. Gmel.* p. 3669.

Bonanni Recr. t. 224. 228.

Gualt. Test. t. 67. f. Q. R. S. V. X.

Murray in Amæn. Acad. t. 1. f. 23.

Chemn. Conch. f. 1860—1865. 1868—1871. 1881—1886.

Donovan Brit. Shells, t. 167. N. intricata.

Habitat in mari.

Testa alba, picta lineis spirallibus interruptis ferrugineis, seu maculis spiraliter digestis, lævis, magnitudine avellanæ. *Spira* parum eminens, acuta. *Apertura* hians, edentula. *Umbilicus* profundus, arcuatus versus posteriora. (*Linn. Mus. Lud. Ulr.* n. 383.)

Mr. Donovan's figure, from a shell found at Weymouth, appears to represent one of the varieties of this species, which are very numerous.

2.

glaucina. N. testa umbilicata, lævi, spira obtusiuscula, umbilico semiclauso; labio gibbo dicolore. *Linn. Fauna Suec.* n. 2197. *Syst. Nat.* n. 716. p. 1251. *Linn. Gmel.* p. 3671.

Lister Anim. Angl. t. 3. f. 10. — *Conch.* t. 568. f. 19.

Petiver Gaz. t. 93. f. 7.

Rumph. Mus. t. 22. f. A.

Seb. Mus. 3. t. 39. f. 16.

Gualt. Test. t. 67. f. M. P.

Knorr Vergn. 2. t. 11. f. 1.; & 6. t. 13. f. 7.

Pennant Brit. Zool. t. 87. f. 141.

Da Costa Brit. Conch. p. 83. t. 5. f. 7. *Cochlea Catena.*

Pulteney in Hutch. Dorset. p. 50. t. 21. f. 7.

Donovan Brit. Shells, t. 20. f. 1.

Montagu Test. Brit. p. 469.

Habitat in pelago.

Testa diametro 1½ poll., lævis, modice convexa, nunc livida vel purpurascens, nunc alba vel cinereo-cærulescens, obumbrata sæpius lituris cærulescentibus

rulescentibus aut fuscis fasciata. Spira obtusa, submucronata. Apertura griseo-purpurascens. Umbilicus teretiusculus, labii interioris medio gibboso, crasso, griseo, reflexo. (Mus. Lud. Utr. p. 674.)

Common on most sandy shores.

3.

Mammil- N. testa umbilicata, ovata, glabra, umbilico oblecto,
la. apertura ovata. Linn. Syst. Nat. p. 1252. n. 719.
Linn. Gmel. p. 3672.

Column. Aquat. t. 52. f. ult.

Lister Conch. t. 571. f. 22.

Rumph. Mus. t. 22. f. F.

Gualt. Test. t. 67. f. C. D.

D'Argenv. Conch. t. 10. f. X.

Sch. Mus. 3. t. 38. f. 9, 10.

Knorr Vergn. 6. t. 40. f. 2, 3.

Born Mus. p. 399.

Chemn. Conch. 5. t. 189. f. 1.

Donovan Brit. Shells, t. 144. N. nitida.

Habitat in mari.

Testa magnitudine extimi articuli pollicis, lactes aut lutea, lævis, nitida, ovato-oblonga. Spira brevis, neque acuta, neque obtusa, suturis anfractuum subobliteratis. Apertura ovata, labio edentulo, subtus gibbo. Umbilicus perforatus, sed fere et sæpe totaliter oblectus labio interiore replicato, ut ne vestigium appareat. (Mus. Lud. Utr. p. 675.)

First ascertained to be British by Mr. M'Leay, who found small specimens on the coast of Caithness, in North Britain.

4.

fluvialis. N. testa rugosa, labiis edentulis. Linn. Fauna Suecica, n. 2194. Syst. Nat. n. 723. p. 1253. Linn. Gmel. p. 3676.

Lister Anim. Angl. t. 2. f. 20.

— Conch. t. 141. f. 38.; & t. 607. f. 43, 44.

Petiver Gaz. t. 91. f. 3.

D'Argenv. Conch. t. 27. f. 3.?

Hill's Swammerd. p. 83. t. 10. f. 2.

Pennant Brit. Zool. t. 87. f. 142.

Da Costa Brit. Conch. p. 48. t. 3. f. 17, 18.

Schröt. Flussconch. t. 5. f. 5—10.

Favanne Conch. t. 61. f. D. 3, 4, 17, 20.

Chemn. Conch. 9. t. 124. f. 1088.

Pulteney in Hutch. Dorset. p. 50. t. 16. f. 17, 18.

Donovan Brit. Shells, t. 16. f. 2.

Montagu Test. Brit. p. 470

Habitat in rivis et fluviiis.

Testa $\frac{3}{4}$ poll. longa, $\frac{2}{3}$ lata, subovalis, lævis, utplurimum alba, colore nigro, cinereo, rubro, virescente, reticulatim depicta, maculata vel fasciata.

Spira obtusa. *Apertura* magnitudine fere testæ. *Labrum* interne planum, *operculo* aurantiaco, semiovato.

First described and figured by Lister. Common in gentle rivers.

5.

pallidula. N. testa umbilicata, lævi, umbilico profundo productiore.

Da Costa Brit. Conch. p. 51. t. 4. f. 4, 5.

Donovan Brit. Shells, t. 16. f. 1.

Montagu Test. Brit. p. 468.

Pulteney in Hutch. Dorset. t. 20. f. 4, 5.

Habitat ad littora, rarior.

Testa magnitudine pisi, convexa, flavescens, sub epidermide brunnea. *Spira* prominula. *Apertura* semilunaris, patula.

First described and figured by Da Costa. Found sparingly in Kent, and on the Western coast. It has been received also from Shetland.

6.

littoralis. N. testa lævi, vertice carioso, labiis edentulis. *Linn.*

t. 5. f. 15. Fauna Suecica, n. 2195. Syst. Nat. n. 724. p. 1253.

Linn. Gmel. p. 3677.

Lister

Lister Anim. Angl. t. 3. f. 11, 12, 13.

— *Conch. t. 607. f. 39—42.*

Petiver Gaz. t. 34. f. 4, 5, 6.

Gualt. Test. t. 4. f. L. L.

Pennant Brit. Zool. t. 87. f. 143.

Da Costa Brit. Conch. p. 50. t. 3. f. 13, 14, 15, 16.; t. 4. f. 2, 3.

Chemn. Conch. 5. t. 185. f.

Pulteney in Hutch. Dorset. p. 44. t. 16. f. 13, 14, 15, 16.;

& t. 20. f. 2, 3. Turbo Neritoides.

Donovan Brit. Shells, t. 20. f. 2.

Montagu Test. Brit. p. 467.

Habitat in mari, ad littora, frequentissima.

Testa diametro ad 4 poll., solida, colore sordide viridi, flavo, rubro, brunneo, modis innumeris variegata.

The variety engraved in *t. 5. f. 13.* was found near Castle Sinclair, in the county of Caithness, by Mr. M'Leay.

7.
pellucida. N. testa lævi, pellucida, anfractibus 3. *Adams in Act. Soc. Linn. 3. p. 67.*

8.
alba. N. testa lævi, subpellucida, anfractibus 2. *Adams in Act. Soc. Linn. 3. p. 67.*

The two last-mentioned *Neritæ* (found by Mr. Adams on the coast of Pembrokeshire) may prove to be varieties merely of *N. glaucina*.

HALIOTIS.

Linn. Syst. Nat. n. 330.

1.
tuberculata. H. testa subovata, dorso transversim rugoso tuberculato. *Linn. Fauna Suecica, n. 2198. Syst. Nat. n. 741. p. 1256. Linn. Gmel. p. 3687.*

Rondel. Pisc. 5.

Gesner Aquat. 808.

Lister Anim. Angl. t. 3. f. 16. — *Conch.* t. 611. f. 2.

Rumph. Mus. t. 40. f. G. H.

Gualt. Test. t. 69. f. I.

D'Argenv. Conch. t. 3. f. A.

Lessers Testaceoth. f. 87.

Adans. Seneg. t. 2. f. 1. inf.

Ginann. Adr. t. 3. f. 27.

Martini Conch. 1. t. 16. f. 148-9.

Pennant Brit. Zool. t. 88. f. 144.

Da Costa Brit. Conch. p. 15. t. 2. f. 1, 2.

Pulteney in Hutch. Dorset. p. 50. t. 22. f. 1, 2.

Donovan Brit. Shells, t. 5.

Montagu Test. Brit. p. 473.

Habitat in mari, scopulis adhærens.

Testa subovata. *Rugæ* inter foramina et spiram transversæ, undatæ tuberculis elevatis. *Spira* elevata; interna margine decumbente acutissimo.

Foramina 28 elevata, quorum 4 sæpius pervia. (*Mus. Lud. Ulr.* p. 683.) *Testa* 3—4½ poll. longa, 2—3½ lata. *Foramina* numero variant.

Found after storms on the Western and Southern coasts.

PATELLA.

Linn. Syst. Nat. n. 331.

1.

* *Labiatae, seu labio interno instructæ.*

Chinensis. P. testa integra, subconica, lævi, labio laterali. *Linn.*

Syst. Nat. p. 1257. n. 749. *Linn. Gmel.* p. 3692.

Lister Conch. t. 546. f. 39.

Bonanni Recr. t. 1. f. 12.

Martini Conch. 1. t. 13. f. 121, 122.

Born

Born Mus. p. 414. vign. f. e.

Donovan Brit. Shells, t. 129. P. albida.

Montagu Test. Brit. p. 489.

Habitat in mari, ostreis adhærens.

Testa alba, pellucida, lævis, integerrima, latior quam longa. Interne labium adglutinatum longitudinaliter, sed oblique, membranaceum, versus latus flexum, dehiscens a testa. (Mus. Lud. Utr. p. 688.)

First noticed as British by Col. George, at Penryn, Cornwall, where it has been also found by Mr. Montagu and Miss Pocock.

2.

*** Dentatæ basi, seu margine angulatæ.*

vulgata. P. testa subangulata, angulis 14 obsoletis, margine dilatato acuto. Linn. Fauna Suecica, n. 2199. Syst. Nat. n. 758. p. 1258. Linn. Gmel. p. 3697.

Lister Anim. Angl. t. 5. f. 40. — Conch. t. 535. f. 14.

Gualt. Test. t. 8. f. L.

Ginann. Adriat. t. 2. f. 17.

Borlase Cornw. t. 28. f. 3.

Martini Conch. 1. t. 5. f. 38.

Knorr Vergn. 6. t. 27. f. 8.

Pennant Brit. Zool. t. 89. f. 145. & f. 146. P. depressa.

Da Costa Brit. Conch. p. 3. t. 1. f. 1, 2, 8.

Pulteney in Hutch. Dorset. p. 51. t. 23. f. 1, 2, 8.

Donovan Brit. Shells, t. 14.

Montagu Test. Brit. p. 475.

Habitat in mari, rupibus et saxis adhærens, frequentissima.

Testa interdum $2\frac{1}{4}$ poll. longa, 2 lata, $1\frac{1}{4}$ a vertice ad basin, nunc conica, nunc depressa, sordide viridescens, vel fasciis fuscis variegata, subtus colore testudinis vel flavescens; angulis plurimis elevatis tuberculatisque costata. Apex obtusiusculus est, et margini angustiori propior, nec in centro. Margo nunc indentatus, nunc integerrimus.

The conic and depressed shells of this species, though

at

at first sight sufficiently distinct, run into each other so much that they cannot be considered as essentially different.

3. *** Mucronatæ, vertice acuminato recurvo.

Mitrula. P. testa integra, subconica, imbricata, vertice recurvato.

Lister Conch. t. 544. f. 51.

Klein Ostr. t. 8. f. 11, 12.

Martini Conch. 1. t. 12. f. 11, 12.

Linn. Gmel. p. 3708. n. 82.

Favanne Conch. t. 4. f. F. 2.

Pulteney in Hutch. Dorset. p. 51. t. 22. f. 7. a. P. antiquata.

Montagu Test. Brit. p. 485. t. 13. f. 9. . P. antiquata.

Habitat in mari, rarissima.

Testa diametro 4 poll., solida, opaca, lactea. Apertura ovata.

Found after a storm, by Mr. Bryer, at Weymouth.

4.

ungarica. P. testa integra, conico-acuminata, striata; vertice hamoso, revoluto. *Linn. Syst. Nat. n. 761. p. 1259. Linn. Gmel. p. 3709.*

Gualt. Test. t. 9. f. V. W.

D'Argenv. Conch. t. 2. f. R.

Borlase Cornw. t. 28. f. 4.

Martini Conch. 1. t. 12. f. 107, 108.

Knorr Vergn. 6. t. 16. f. R.

Pennant Brit. Zool. t. 90. f. 147.

Da Costa Brit. Conch. t. 1. f. 7. P. Pileus Morionis.

Pulteney in Hutch. Dorset. p. 51. t. 23. f. 7.

Donovan Brit. Shells, t. 21. f. 1.

Montagu Test. Brit. p. 486.

Habitat in mari, testaceis adhærens, rarior.

Testa diametro 1 poll., 4 a vertice ad basin, sub epidermice pilosa, rubro-nebulosa, seu carnaria, subtilissime longitudinaliter striata, interdum transversim

transversim plicata, versus marginem rugosa. *Intus* alba, lævis, roseo-erubescens. *Margo* sæpius crenatus. *Vertex* prope marginem, recurvus.

First noticed as British by Borlase. Found sparingly on the Western coast.

5.
militaris. *P.* testa integra, conica, acuminata, striata; vertice hamoso, lateraliter recurvo. *Linn. Mant.* p. 552.

Lister Conch. t. 544. f. 32.

Favanne Conch. 1. p. 538. t. 4. f. B.

Pulteney in Hutch. Dorset. p. 51. t. 22. f. 7.

Montagu Test. Brit. p. 488. t. 13. f. 11.

Donovan Brit. Shells, t. 171.

Habitat in mari.

Testa similis *P. ungaricæ*, magnitudine seminis cannabis, pellucida, tenera, absque epidermide. *Apex* spiraliter revolutus, sed ad alterum latus flexus.

First noticed as British by Dr. Pulteney. Found by Mr. Bryer at Weymouth, and by Miss Pocock in Cornwall.

6.
intorta. *P.* testa subintegra, ovata; sulcis fornicato-imbricatis, alternis minoribus.

Pennant Brit. Zool. 4. t. 90. f. 148.?

Born Mus. t. 18. f. 7.

Donovan Brit. Shells, t. 146.

Habitat in mari, rarissima.

Testa $\frac{2}{3}$ poll. longa, $\frac{1}{3}$ lata, subpellucida, extus nigrescens. *Dorsum* sulcis plurimis elevatis. *Vertex* recurvus, margini posteriori proximus, sæpius decorticatus.

This species is probably *P. intorta* of Pennant. Mr. Donovan has given an excellent representation of it, and it has been engraved also in the splendid work of Baron Born, who supposed it to be *Patella pectinata* of Linnæus.

Linnæus. It will not, however, agree with his description "*striis rugosis subramosis*." Chemnitz has figured the latter species, which appears to correspond exactly with the characters above mentioned.

Found on the Western coast, by Mr. Laskey. (*Donovan*.)

7.

lacustris. *P. testa integerrima, ovali, membranacea; vertice mucronato, reflexo.* Linn. *Fauna Suecica*, n. 2200. *Syst.*

Nat. p. 1260. n. 769. Linn. *Gmel.* p. 3710.

Lister Anim. Angl. t. 2. f. 32. — *Conch. t. 141. f. 39.*

Gualt. Test. t. 4. f. B. B.

D'Argenv. Conch. t. 27. f. 1. le 3^{me} Patelle.

Muller Verm. p. 201. n. 386.

Pennant Brit. Zool. 4. n. 149.

Da Costa Brit. Conch. p. 1. t. 2. f. 8.

Schröt. Flussconch. t. 5. f. 1, 2, 3.

Favanne Conch. t. 61. f. A. 3, 4.

Pulteney in Hutch. Dorset. p. 51 t. 22. f. 8.

Donovan Brit. Shells, t. 147.

Montagu Test. Brit. p. 482. *P. fluviatilis.*

Habitat in fluviis, rivis, stagnis, saxis et plantis aquaticis adhærens; frequens.

Testa diametro $\frac{1}{4}$ poll., subdiaphana, fragilis, subalbida. *Vertex* coarctatus, margini approximatus.

Varietas interdum a vertice striata.

First figured and described by Lister.

One of Linnæus's references, *Gualt. Test. t. 4. f. A. A.* represents the following species, viz. *P. oblonga*; but it is evident from his specific characters, that he meant to describe Lister's shell, *Anim. Angl. t. 2. f. 32.*, to which he has also referred. Gmelin has transferred all the synonyms of this species of Linnæus to his own *P. fluviatilis*,

viatilis, and has given some references of *P. oblonga*, to *P. lacustris* of Linnæus. If the editor of the *Systema Naturæ* had consulted the *Philosophical Transactions*, this confusion would have been avoided, as the distinctions between the two species are pointed out, and *P. oblonga* is accurately described by Lightfoot.

8.

oblonga. *P. testa integerrima, oblonga, compressa, membranacea; vertice mucronato, reflexo, obliquo.* Lightfoot in *Act. Angl.* 76. p. 168. t. 3. f. 1, 2, 3, 5.

Gualt. Test. t. 4. f. A. A.

Muller Verm. 2. p. 199. n. 385.

Schröt. Flussconch. t. 5. f. 4. a. b.

Pulteney in Hutok. Dorset. p. 51. t. 18. f. 20.; & t. 22. f. a.

Donovan Brit. Shells, t. 150.

Montagu Test. Brit. p. 484. P. lacustris.

Habitat in rivis, plantis aquaticis adhærens.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{5}$ lata, tenerrima, colore corneo, sub epidermide viridescente. *Vertex* prope marginem angustior.

First noticed as English by Lightfoot, who received it from Beaconsfield, in Buckinghamshire. Found in ditches, near Deal, by Mr. Boys; at Lackham, and in the river Avon, Wilts, by Mr. Montagu; and in the river Stour, Dorset, by the Rev. Thomas Rackett.

9.

**** *Integerrimæ absque vertice mucronata.*

pellucida. *P. testa integerrima, obovata, gibba, pellucida, radiis quatuor cæruleis.* Linn. *Syst. Nat. n. 776. p. 1260.*

Linn. Gmel. p. 3717.

Lister Conch. t. 543. f. 27.

Wallace Orkneys, p. 41.

Petiver Mus. p. 68. n. 725.

Davil. t. 1. p. 428.

Da Costa Brit. Conch. p. 7. t. 1. f. 5.

Chemn. Conch. 10. t. 168. f. 1620.

Pulteney in Hutch. Dorset. p. 51. t. 23. f. 5.

Testæ seniores. *Linn. Syst. Nat. n. 759. p. 1259. Linn. Gmel. p. 3697. P. cærulea?*

Lister Anim. Angl. App. t. 2. f. 10.

— *Conch. t. 542. f. 26.*

Petiver Gaz. t. 75. f. 3.

Borlase Cornw. t. 28. f. 2.

Pennant Brit. Zool. t. 90. f. 151.

Da Costa Brit. Conch. t. 1. f. 6.

Chemn. Conch. 10. t. 168. f. 1621.

Pulteney in Hutch. Dorset. p. 51. t. 23. f. 6.

Donovan Brit. Shells, t. 3. f. 1.

Montagu Test. Brit. p. 477.

Habitat in mari.

Testa interdum diametro $\frac{1}{4}$ poll. rudis, colore flavescente-brunneo, nunc conica, nunc depressa, radiis cæruleis obsoletis. *Mucro* obtusior, decorticatus.

First figured and described by Lister. Common on the Western coast, and among the Western Isles of Scotland.

This shell, so different in shape and appearance under various stages of growth, has been commonly separated into two or more species. Dr. Pulteney always maintained a contrary opinion; and it appears from the observations of Mr. Montagu, that the gradations are so regular, that no permanent specific distinction is to be established.

10.
virginea. P. testa integerrima, oblongo-orbiculari, substriata, verticis

verticis mucrone fere marginali. *Linn. Gmel.*
p. 3711.

Da Costa Brit. Conch. p. 7. t. 8. f. 11.

Muller Zool. Dan. t. 12. f. 4, 5.

Donovan Brit. Shells, t. 21. f. 2.

Montagu Test. Brit. p. 480.

Pulteney in Hutch. Dorset. t. 14. f. 11.

Habitat in mari, scopulis adhærens.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, lævis nec glabra, sub epidermide fusca, subalbida seu cærulescens, fasciis rubescentibus a vertice ad marginem tincta; striis obsolete concentricis et costis seu radiis vix manifestis. *Intus* alba, seu pallide purpurascens. *Apex* obtusus. *Margo* integerimus.

First described and figured by Da Costa, who received it from Dorsetshire. Found by Mr. Boys, at Sandwich and Dover; by Mr. Bryer, at Weymouth; and by Mr. Montagu, in Cornwall and Devonshire.

11.

bimaculata. P. testa ovali, convexa, depressa, vertice obsoleto. *Montagu Test. Brit. p. 482. t. 13. f. 8.*

Habitat in mari.

Testa $\frac{1}{2}$ poll. longa, $\frac{1}{4}$ lata, opaca, glabra, flava, macula oblonga nigra utraque extremitate. *Intus* flava.

A new species, discovered by Mr. Montagu, at Falmouth, and at Milton Sands, Devon.

12.

***** Perforatæ vertice.

Fissura. P. testa ovali, striato-reticulata, vertice recurvo, antice fissa. *Linn. Syst. Nat. p. 1261. n. 778. Linn. Gmel. p. 3728.*

Lister Conch. t. 543. f. 28.

Petiver Gaz. t. 75. f. 2.

Martini Conch. 1. t. 12. f. 109, 110.

Pennant Brit. Zool. 4. t. 90. f. 152.

Da Costa Brit. Conch. t. 1. f. 4.

Muller Zool. Dan. 1. p. 83. t. 24. f. 7, 9.

Pulteney in Hutch. Dorset. p. 51. t. 23. f. 4.

Donovan Brit. Shells, t. 3. f. 2.

Montagu Test. Brit. p. 490.

Habitat in mari, saxis et testaceis adhærens.

Testa $\frac{1}{4}$ poll. longa, $\frac{3}{4}$ lata, brunnea, cancellata. *Vertex* acutiusculus, paululum reflexus. *Margo* anterior fissura lineari, crenatus. *Intus* alba, seu carnaria, lævis.

First figured by Lister. Found on the Kentish and Western coasts; but not common.

13.

Græca. *P.* testa ovata, convexa, margine introrsum crenulato, vertice perforato. *Linn. Syst. Nat. p. 1262. n. 780.*

Linn. Gmel. p. 3728.

Lister Conch. t. 527. f. 2.

Gualt. Test. t. 9. f. N.

D'Argenv. Conch. t. 2. f. L.

Adans. Seneg. t. 2. f. 7.

Martini Conch. 1. t. 11. f. 98.

Pennant Brit. Zool. t. 89. f. 153.

Da Costa Brit. Conch. t. 1. f. 3. P. Larva reticulata.

Pulteney in Hutch. Dorset. p. 52. t. 23. f. 3.

Donovan Brit. Shells, t. 21. f. 3. P. reticulata.

Habitat in mari, rarior.

Testa $\frac{3}{4}$ poll. longa, $\frac{1}{4}$ lata, oblongo-ovata, subalbida vel sordide brunnea. *Striis* et *costis* numerosissimis cancellata. *Intus* livida. *Vertex* non centralis, fissura oblonga perforatus.

First figured by Lister; found near Sandwich, Kent, and on the Western coasts.

14.

Apertura. *P.* testa subconica, longitudinaliter costata; vertice perforato, recurvo. *Montagu Test. Brit. p. 491. t. 13. f. 10.*

Habitat in mari, saxis adhærens, rarissima.

Testa

Testa vix $\frac{1}{4}$ poll. longa, nec $\frac{1}{4}$ a vertice ad basin, subpellucida, alba, costis longitudinalibus, tuberculatis; sulcis paucis concentricis; intus alba, glaberrima. *Fqramen* rhomboideum prope apicem. *Apex* interdum revolutus.

A new species, discovered by Mr. Montagu, in sand, from Falmouth Harbour; and at Salcomb Bay, Devon.

DENTALIUM.

Linn. Syst. Nat. n. 332.

1.

Dentalis. *D. testa viginti-striata, subarcuata, interrupta.* *Linn.*

Syst. Nat. p. 1263. n. 785. Linn. Gmel. n. 3736.

Rumph. Mus. t. 41. f. 6.

Born. Mus. t. 18. f. 13.

Montagu Test. Brit. p. 495. D. striatum.

Habitat in mari, rarissimum.

Testa $\frac{1}{4}$ poll. longa, alba, tubularis. *Apex* valde acuminatus.

Discovered by Mr. Montagu, on the Western coast.

2.

Entalis. *D. testa tereti, subarcuata, continua, lævi.* *Linn. Fauna*

Suecica, n. 2201. Syst. Nat. p. 1263. n. 786. Linn.

Gmel. p. 3736.

Bonanni Recr. t. 1. f. 9.

Lister Conch. t. 547. f. 2.; & t. 1056. f. 4.

Petiver Gaz. t. 65. f. 9.

Rumph. Mus. t. 41. f. 5.

Ginann. Adr. 2. t. 1. f. 2.

Gualt. Test. t. 10. f. E.

D'Argenv. Conch. t. 7. f. K.

Borlase Cornw. t. 28. f. 5.

Knorr Vergn. 1. t. 29. f. 4.

Martini Conch. t. 1. f. 1, 2.

Pennant Brit. Zool. t. 90. f. 154.

Da

Da Costa Brit. Conch. p. 24. t. 2. f. 10.

Pulteney in Hutch. Dorset. p. 52. t. 22. f. 10.

Donovan Brit. Shells, t. 48.

Montagu Test. Brit. p. 494.

Habitat in mari.

Testa teres alba, subulata, quasi articulata, lævis, apice truncata. (Linn.

Mus. Lud. Ulr. p. 697.)

3.

striatulum. D. testa octangulata, octo-striata, acuminata, viridi, apice albo. Linn. Gmel. p. 3738. n. 13.

Lister Conch. t. 547. f. 1, 6.?

Martini Conch. 1. t. 1. f. 5. B.?

Donovan Brit. Shells, t. 162. D. octangulatum.

Habitat in mari, elephantino affine, at testa longiore, angustiore. Apertura altera angulata, altera angustissima orbiculata. (Gmel.)

This species, which from Mr. Donovan's description is probably *Dentalium striatulum* of Gmelin; in a depauperated state, was discovered by Miss Pocock, on the sandy coasts of Cornwall, near Lelant.

4.

Gadus. D. testa subarcuata, lævissima, versus aperturam angustiore.

Montagu Test. Brit. p. 496. t. 14. f. 7.

Habitat in pelago,

Testa vix $\frac{3}{8}$ poll. longa, $\frac{1}{8}$ lata ad mediam partem, quâ tumidiuscula est; alba, glabra. Apex acutiusculus.

First described and figured by Mr. Montagu. It is called by mariners *Hake's-tooth*.

5.

*imperf- D. testa cylindrica, subarcuata, transverse striata; apice
ratum. truncato, imperforato.*

Walker Test. Min. Rar. f. 15.

Adams Micr. t. 14. f. 8.

Montagu Test. Brit. p. 496.

Habitat

Habitat in mari, rarius.

Testa † poll. longa, alba, vel cinerea. *Apertura* rotunda, margine coarctato. *Apex* imperforatus, truncatus, tuberculatus.

Found by Mr. Boys, at Sandwich; and by Mr. Montagu, at Falmouth.

6.

Trachea. *D. testa* tereti, arcuata; striis annularibus, densis, confertissimis; apice truncato, imperforato.

Montagu Test. Brit. p. 497. t. 14. f. 10.

Habitat in mari, rarissimum.

Testa † poll. longa, vel paululum major, ferruginea. *Apertura* orbicularis. Distinguitur a præcedente quod testa magis arcuata, acutiuscula, angustior; margo aperturæ integer, neque coarctatus; striis annularibus numerosis, densis; tracheam æmulans. (*Montagu.*)

Found only by Mr. Montagu, in sand, from Milton, Devonshire.

7.

glabrum. *D. testa* cylindrica, tereti, arcuata, lævi, imperforata.

Montagu Test. Brit. p. 497.

Habitat in mari.

Testa vix 1 lin. longa, alba, glabra. *Apertura* orbicularis. *Apex* rotundatus, submarginatus. (*Montagu.*)

A new species, found by Mr. Montagu, in sand, at Biddeford Bay, and near Barnstable, Devon.

SERPULA.

Linn. Syst. Nat. n. 333.

Animal ut plurimum *Terebella*.

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

This genus has been divided by Mr. Montagu into two, on account of some of the species being unattached to other bodies, and to these he has given the appellation of *Vermiculum*. The Linnean *Serpula* certainly constitute a very irregular genus, as they vary extremely, not only in the structure of the shell, but also

also in the anatomy of the contained animal; yet it appeared to us that, in the present imperfect state of our knowledge respecting the latter, and as *independence*, or the not being affixed to other bodies, is not allowed to form of itself a distinctive generic character, in other instances, it was better to adhere to Linnæus's original arrangement. The bottle-shaped division of *Serpulæ* (which we have denominated *Lagenæformes*) might be removed into a separate genus, with much more propriety than any of the others, and with no violation of the Linnean method, for to that author they were unknown; yet even these we prefer leaving among the *Serpulæ*, until opportunities of further investigation have been attained.

1.

* Spirales.

Spirillum. S. testa regulari, spirali, orbiculata, pellucida, anfractibus teretibus, sensimque minoribus. *Linn. Fn. Succ. n. 2203. Syst. Nat. n. 798. p. 1264. Linn. Gmel. p. 3740.*

Planc. Conch. t. 1. f. 8.

Ginann. Adu. 2. t. 1. f. 7.

Martini Conch. 1. t. 3. f. 20. C. D.

Pallas Nov. Act. Petrop. 2. p. 236. t. 5. f. 21.

*Pulteney in Hutch. Dorset. p. 52. t. 19. f. 27.**

Montagu Test. Brit. p. 499.

β. anfractibus contrariis.

Walker Test. Min. Rar. t. 1. f. 13, 14.

Montagu Test. Brit. p. 504. S. sinistrorsa.

Habitat in mari, super Sertularias et Zoophyta alia; β. super Cancrum Gammarum.

Differt a *S. spirorli*, cui simillima, quod triplo minor; quod pellucida, nec opaca: quod ad latus inferius vix manifeste canaliculata; quodque anfractus omnino teretes, nec a latere centrum respiciente, obsolete canaliculati. (*Linn. Syst. Nat. p. 1265.*)

Testa diametro 1 lin.

First noticed as British, by Dr. Pulteney.

2. *minuta.*

2.

minuta. S. testa regulari, spirali, orbiculata; anfractibus teretibus, contrariis.

Montagu Test. Brit. p. 505.

Habitat in mari, Zoophytis et Corallinæ officinali adhærens, frequens.

Testa diametro $\frac{3}{8}$ poll.: differt a varietate præcedentis, quod duplo minor, sordide alba, opaca, transversè rugosa, interdum dorso leviter carinata, a S. sinistrorsa, quod minor, neque anfractibus sulcatis.

Discovered by Mr. Montagu.

3.

spirorbis. S. testa regulari, spirali, orbiculata; anfractibus supra introrsum subcanaliculatis, sensimque minoribus.

Linn. Fauna Suecica, n. 2204. Syst. Nat. n. 794. p. 1265. Linn. Gmel. p. 3740.

Lister Conch. t. 553. f. 5.

Petiver Gaz. t. 35. f. 8.

Gualt. Test. t. 10. f. O.

Planc. Conch. 18. n. 3.

Linn. It. Wgoth. t. 170.

Ginann. Adr. 2. t. 1. f. 8.

Baster Opusc. Subsec. 1. t. 9. f. 3.

Pennant Brit. Zool. t. 91. f. 155.

Da Costa Brit. Conch. p. 22. t. 2. f. 11.

Pulteney in Hutch. Dorset. p. 52. t. 22. f. 11.

Donovan Brit. Shells, t. 9. f. 1, 2.

Montagu Test. Brit. p. 498.

Habitat in mari, Fucis et Zoophytis adhærens.

Testa diametro $\frac{1}{2}$ poll., alba, opaca, lævis, subtus plana.

First figured by Lister; common.

4.

granulata. S. testa tereti, spirali, glomerata, latere superiore sulcis tribus elevatis. *Linn. Syst. Nat. n. 798. p. 1266.*

Linn. Gmel. p. 3741.

O. Fabr. Fn. Groenl. p. 380. n. 375.

Adams in Act. Soc. Linn. 3. p. 254. S. sulcata.

Donovan Brit. Shells, t. 100.

Montagu Test. Brit. p. 500.

Habitat in mari, super lapides et testas.

Testæ magnitudine seminis coriandri confertæ, spirales, sed irregulares, (Linn.); albæ, opacæ, subumbilicatæ, anfractibus duobus, diametro $\frac{1}{4}$ poll.

Found by Mr. Montagu.

5.

*hetero-
strophæ.*

S. testa tereti, spirali; anfractibus 2 vel 3, sulcatis, contrariis.

Montagu Test. Brit. p. 503.

Habitat in mari, testaceis et schisto adhærens.

Testa præcedenti affinis, sed duplo minor, sordide alba, sulcis minus profundis, supra concava; anfractibus contrariis, usque ad apicem conspicuis, cum præcedens umbilicum parvum habet. *Apertura* orbiculata.

Discovered by Mr. Montagu, in abundance, in Kingsbridge Bay, Devon.

6.

carinata. S. testa regulari, spirali, anfractu exteriori supra carinato. Montagu Test. Brit. p. 502.

Habitat in mari, testaceis adhærens.

Testa sordide alba, opaca, medio concava, interdum pervia, *S. spirorbi* duplo minor, a qua ignoscitur anfractu exteriori angulato, veluti in *S. triquetra*. *Testa* semper tamen spiralis. *Anfractus* interiores inconspicui. *Apertura* orbicularis. (Montagu.)

Discovered by Mr. Montagu on the Devonshire coast, where it is not uncommon.

7.

corrugata. S. testa regulari, spirali, transversim rugosa, umbilicata.

Montagu Test. Brit. p. 502.

Habitat in mari, rupibus adhærens.

Testa diametro $\frac{1}{4}$ poll., crassa, alba, paululum dilatata ad basin, magis crassa, rugosa, et glabra, quam *S. Spirillum*. *Anfractus* secundus fere inconspicuus. *Animal* aurantiaco-rubrum, radiis octo viridescentibus ciliatis, proboscide subinfundibuliformi. (Montagu.)

Discovered by Mr. Montagu, at Milton, Devon.

S. corneæ.

8.
cornea. S. testa regulari, rotunda, pellucida, tribus anfractibus.
Adams in Act. Soc. Linn. 5. t. 1. f. 33, 34, 35.
Montagu Test. Brit. p. 503
Habitat ad littora Com. Pembroke. (*Adams.*)
Testa coloris cornei. An distincta species?
9.
lucida. S. testa tereti, spirali, levissima, vitreo-splendente, anfractibus contrariis.
Ellis Zooph. p. 37.
Linn. Gmel. p. 3746. ? S. vitrea.
Adams in Act. Soc. Linn. 5. t. 1. f. 31, 32.
Habitat in mari, Zoophytis adhærens.
Testa diametro $\frac{1}{4}$ lin. alba, a congeneribus distinguenda facie glaberrima vitrea. Anfractus sæpe disjuncti. Apertura quasi porrecta. Animal rubrum, capite bimaculato, tentaculis plumbeis pallidis. (*Montagu.*)
 Found by Mr. Boys; common on the Kentish and Western coasts.
10. ** Contortæ, irregulares.
vermicu- S. testa tereti, subulata, curvata, rugosa. *Linn. Syst.*
laris. *Nat. p. 1267. n. 805. Linn. Gmel. p. 3743.*
Pennant Brit. Zool. 7. 91. f. 158.
Martini Conch. 3. t. 24. f. A?
Da Costa Brit. Conch. p. 18. t. 2. f. 5.
Pulteney in Hutch. Dorset. p. 53. t. 22. f. 5.
Montagu Test. Brit. p. 509.
Habitat in mari, testaceis et lapidibus adhærens.
Testa alba, rugosa, nunc simplex, nunc contortuplicata, nunquam carinata, tota affixa. Animal Terebella, tentaculis ramosis ciliatis coccineo-maculatis, proboscide duplici infundibuliformi. (*Montagu, p. 508.*)
11.
reversa. S. testa subcylindrica, rugosa, spirali, irregulari, apertura contraria.
Montagu Test. Brit. p. 508.

Habitat in Ostream opercularem et Cancros, rarior.

Testa alba, rugis transversis, flexuris varians, nunc lateralibus, nunc sibi invicem oppositis.

Animal ut in præcedente. An species vere distincta?

Found on the Devonshire coast.

12.

triquetra. S. testa repente flexuosa, triquetra. Linn. *Fauna Suec.*

n. 2206. *Syst. Nat.* p. 1265. n. 795. Linn. *Gmel.* p. 3740

Ephem. Act. Nat. Curios. 1727. p. 315. t. 10.

Gualt. Test. t. 10. f. P.

Linn. *It. Wgoth.* 170.

Ellis Corall. t. 38. f. 2.⁴

Martini Conch. 1. t. 3. f. 25.

Baster Opusc. Subsec. 1. t. 9. f. 2.

Pennant Brit. Zool. 4. t. 91. f. 157.

De Costa Brit. Conch. p. 20. t. 2. f. 9.

Born Mus. t. 18. f. 14.

Palteney in Hutch. Dorset. p. 52. t. 22. f. 9.

Donovan Brit. Shells, t. 95.

Montagu Test. Brit. p. 511.

Habitat in mari, supra Testas, Lapides, Naves, Fucos, frequens.

Testa sordide alba vel rubescens, opaca, rugosa, figura variabili, dorso carinato, interdum lateribus leviter carinatis.

Animal proboscide simplici tubiformi (unde a congeneribus distinguendum) tentaculis duobus plumosis. (Montagu.)

13.

tubularia. S. testa tereti, subulata, extremitate angustiore affixa, subconvoluta. *Montagu Test. Brit.* p. 513.

Habitat in mari, testaceis adhærens.

Testa S. vermiculari simillima, sed partim tantum affixa; extremitate latiore libera, rectiuscula, adscendente.

Animal Amphitrite (vide Montagu Test. Brit. p. 514.)

Discovered by Mr. Montagu, at Torcross, Devon.

14. *Seminulum.*

*** Liberae.

a. Subconvolutae.

14. *Seminulum*. S. testa regulari, ovali, libera, glabra. *Linn. Syst. Nat.* p. 1364. n. 791. *Linn. Gmel.* p. 3799.

Planc. Conch. t. 2. f. 1.?

Gualt. Test. t. 10. f. S.

Martini Conch. 1. t. 3. f. 22. a. b.?

O. Fabr. Fn. Gröenl. p. 376. n. 370.

Walker Test. Min. Rar. f. 1.

Adams in Aet. Soc. Linn. 5. t. 1. f. 28, 29, 30. S. ovalis.

Montagu Test. Brit. p. 520. Vermiculum intortum.

Pulteney in Hutch. Dorset. t. 19. f. 31.

Habitat in mari, frequentissime.

Testa diametro $\frac{1}{4}$ poll. alba, opaca, glabra. Apertura compressa, semilunaris.

First found on the British shores by Mr. Boys.

15. *subrotunda*. S. testa subrotunda, dorso elevato. *Walker Test. Min. Rar. t. 1. f. 4.*

Montagu Test. Brit. p. 521.

Habitat in mari, frequens.

Testa diametro $\frac{1}{4}$ lin. alba, opaca, glabra. Apertura parva, angulata, margine flavo. (Montagu.) An vere distincta a præcedente?

16. *oblonga*. S. testa oblongo-ovalis, subcompressa, hinc sutura unica longitudinali.

Montagu Test. Brit. p. 522. t. 14. f. 9. Vermiculum oblongum.

Habitat in mari, rarior.

Testa vix $\frac{1}{4}$ lin. longa, opaca, glabra. Apertura producta, ovalis, margine flavo.

Found by Mr. Montagu, in sand, from Salcomb Bay, Devon.

17. *bicornis*.

17.

bicornis. S. testa bicorni, ventricosa. *Walker Test. Min. Rar. t. 1.*
f. 2. & f. 3.

Adams Micr. t. 14. f. 2. & 3.

Montagu Test. Brit. p. 519. Vermiculum bicorni, et
V. perforatum.

Habitat in mari.

Testa 1 lin. longa, alba, opaca, glabra.

Found at Sandwich and Reculver, by Mr. Boys.

We may be permitted to express our doubts whether the four last *Serpula* ~~ought not to be considered~~ rather as varieties than as distinct species. Their form is very irregular and variable; and it is scarcely possible to give any permanent characters by which they may be satisfactorily discriminated.

18.

incurvata. S. testæ extremitate posteriore involuta, anfractibus
tribus contiguïs.

Walker Test. Min. Rar. f. 11.

Adams Microsc. t. 14. f. 7.

Montagu Test. Brit. p. 518. Vermiculum incurvatum.

β. *Walker Test. Min. Rar. f. 12.*

Montagu Test. Brit. p. 508. Vermiculum parvum.

Habitat in mari, rarior.

Testa vix 1 lin. longa, alba, semipellucida, lævis.

Varietas β, anfractu unico apertq.

Found on the Kentish coast.

19.

l. Lagenæformes.

lactea. S. testa ovali, tenui, compressiore, venis lacteis.

Walker Test. Min. Rar. t. 1. f. 5.

Adams Micr. t. 14. f. 4.

Montagu Test. Brit. p. 522. Vermiculum lacteum.

Habitat

Habitat in mari, rarior.

Testa 1½ lin. longa, pellucida.

Found at Sandwich, by Mr. Boys; and on the Devonshire coast, by Mr. Montagu.

20.

marginata. S. testa compressa, marginata, collo fere nullo.

Walker Test. Min. Rar. t. 1. f. 7.

Montagu Test. Brit. p. 524. Vermiculum marginatum.

Habitat in mari.

Testa minuta, alba, pellucida, glabra.

Found at Reculver, Kent, by Mr. Boys; and on the Devonshire coast, by Mr. Montagu.

21.

globosa. S. testa globosa, lævi, collo fere nullo.

Walker Test. Min. Rar. t. 1. f. 8.

Montagu Test. Brit. p. 523. Vermiculum globosum.

Habitat in mari, rarissima.

Testa minuta, alba, pellucida.

Found at Sandwich, by Mr. Boys.

22.

lævis. S. testa oblonga, lævi, collo productione.

Walker Test. Min. Rar. t. 1. f. 9.

Montagu Test. Brit. p. 524. Vermiculum læve.

Habitat in mari, rarissima.

Testa minuta, vitrea. An varietas præcedentis?

Found at Sandwich, by Mr. Boys.

23.

squamosa. S. testa subglobosa, squamosa, collo ferè nullo.

Montagu Test. Brit. p. 526. t. 14. f. 2.

Habitat in mari.

Testa alba, minuta.

Found at Seasalter, Kent.

24. *perlucida*.

24.

perlucida. S. testa lævi, costis sex longitudinalibus, æquidistantibus.

Montagu Test. *Brit. p.* 525. *t.* 14. *f.* 9. Vermiculum perlucidum.

Habitat in mari.

Testa vix $\frac{1}{16}$ poll. longa, alba, pellucida, glabra, lagenam vere æmulans.

Apertura angustissima. *Collum* productum, subcylindricum. (*Montagu.*)

Found at Seasalter, Kent. by Mr. Boys.

25.

striata. S. testa striis plurimis longitudinalibus, collo producto.

Walker Test. Min. Rar. t. 1. *f.* 6.

Adams Micr. t. 14. *f.* 5.

Montagu Test. Brit. p. 523. Vermiculum striatum.

Habitat in mari, rarior.

Testa minuta, alba, pellucida, glabra. *Apertura* orbicularis.

Found by Mr. Boys, on the Kentish coast; and by Mr. Montagu, on the shores of Devonshire.

26.

retorta. S. testa rotunda, marginata, cervice curvatim exserta.

Walker Test. Min. Rar. t. 1. *f.* 10.

Montagu Test. Brit. p. 524. Vermiculum retortum.

Habitat in mari.

Testa minuta, alba, opaca.

27.

Urnæ. S. testa urnæformi, lævi.

Montagu Test. Brit. p. 525. *t.* 14. *f.* 1.

Habitat in mari.

Testa vix 1 lin. longa, alba, glabra, semipellucida, tuberculo ad basin.

Apex conicus. (*Montagu.*)

Found in sand, from Shepey Island, by Mr. Boys.

TEREDO.

TEREDO.

Linn. Syst. Nat. n. 334.

1.

navalis. T. testa tenuissima, cylindrica, lævi. *Linn. Syst. Nat.*
p. 1267. n. 807. *Linn. Gmel. p. 3747.*

Vallisn. Op. Fis.-Med. 2. t. 4.

Sellii Hist. Nat. Tered. 4. t. 1.

Planc. Conch. 17. n. 2.

Adans. Seneg. t. 19. f. 1.

Martini Conch. 1. t. 1. f. 11.

Pennant Brit. Zool. 4. n. 160.

Da Costa Brit. Conch. p. 21. Serpula Teredo.

Pulteney in Hutch. Dorset. p. 53. t. 18. f. 21.

Montagu Test. Brit. p. 527.

Donovan Brit. Shells, t. 145.

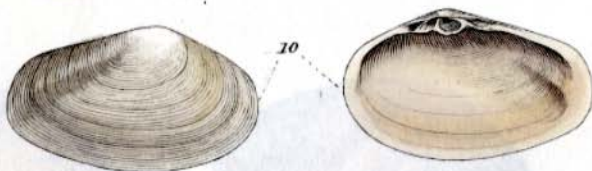
Home in Act. Angl. 1806. t. 12, 13.

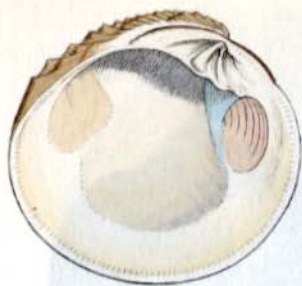
*Habitat intra lignum navium et palorum marinorum; calamitas navium
ex Indiis in Europam propagata. (Linn.)*

*Testa 4—6 poll., vel magis longa, interdum flexuosa, apice nunc magis
nunc minus obtusa.*

We venture so far to dissent from the great authority of Linnæus as to exclude from this descriptive catalogue of the British Testacea the genus *Sabella*. The animals included under that genus have for their coverings particles of sand agglutinated on the external membrane, and resemble rather the *larvæ* of certain insects, than the testaceous *Vermes*. The latter form their calcareous integuments entirely from the secretions of their own surfaces, and are attached to these by cartilaginous processes, so as to render them essential and indispensable

parts of their structure. The coverings of the *Sabella* seem to be more of an adventitious nature, and may be considered rather as serving the purposes of habitations, than as being organized *integrals* of the contained animal.—If these ideas be correct, the genus *Sabella* does not come within our province.





3



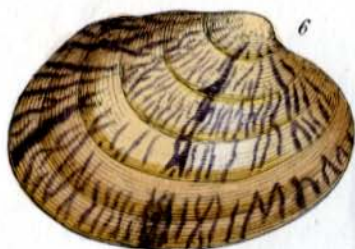
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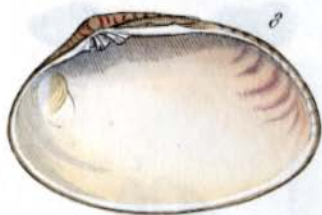
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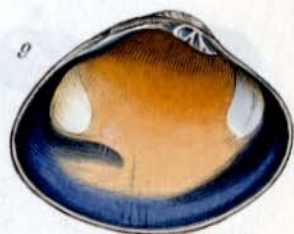
8



9



9







2



1



3



4



