

the two sorts interbreeding, though the nest and eggs are precisely similar."

In conclusion we beg to state that we by no means wish positively to deny the occurrence of the true *H. cahirica* in Europe. On the contrary we believe it very possibly does occur within European limits; but at the same time all the so-called European specimens of *H. cahirica* that we have seen have been *H. rustica* in spring dress. We shall be most glad to receive any authentic specimens of *H. cahirica* from any part of Europe, that we may be certain on the subject before including it in our 'Birds of Europe.'

## 6. Descriptions of Forty-eight new Species of Shells.

By G. B. SOWERBY, F.L.S.

(Plates XXI., XXII.)

### CRASSATELLA SUBQUADRATA.

*C. testa oblongo-subquadrata, valde compressa, solida, pallide rubescente, castanea obscure radiata, ad umbones purpureo biradiata, intus albida, extus concentricè minute striata, liris angulatis subdistantibus, ad angulum quadratis sculpta; latere postico longiusculo, obtuse angulato, post angulum complanato, margine dorsali recto, subdeclivi; latere antico breviusculo; margine dorsali utrinque concavo-complanato; margine interno laevi.*

*Hab.* Agulhas Bank, S. Africa.

*Mus.* Taylor.

### CRASSATELLA FOVEOLATA.

*C. testa obliqua, crassa, tumida, rostrata, pallida, castaneo maculata, intus partim castanea, extus costellis validis rotundis subdistantibus medio tumidiusculis concentricis lirata, interstitiis profundis; latere postico oblique producto, elevatim angulato, eleganter rostrato, post angulum castaneo; umbonibus elevatis, prominentibus, acutis, margine dorsali utrinque declivi, excavato; margine interno denticulato; epidermide fusca.*

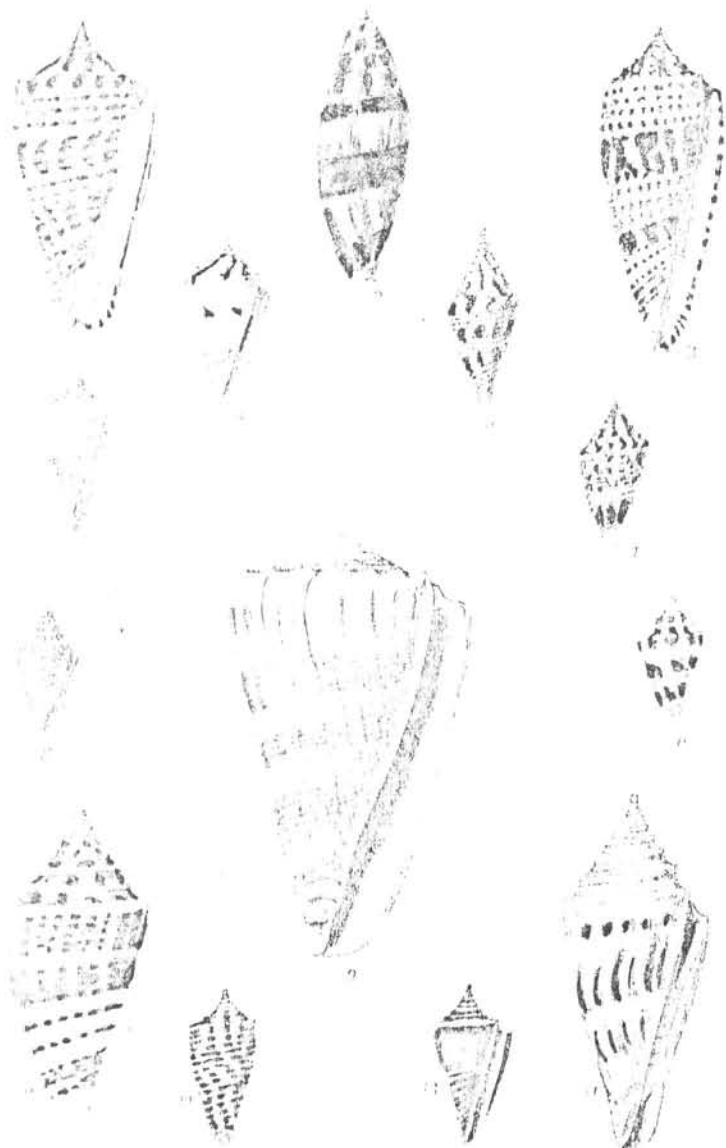
*Hab.* China Seas.

*Mus.* Taylor.

This shell resembles *C. sulcata*, but differs from it in being more pointedly beaked and more distantly and deeply grooved. All the ridges in this species follow the lines of growth; but in *C. sulcata* they become excentric towards the margin.

### CRASSATELLA CREBRILIRATA.

*C. testa ponderosa, obliqua, subcompressa, pallide fulvescente, obscurissime radiata, umbones versus rubescente, intus pallidissime rosacea; latere postico oblique producto, angulato, post angulum complanato, margine terminali oblique truncato; latere antico*



## RAPA HULIFORMIS.

*R. subglobosa, albido-subviridi, infra spiraliter imbricato-lirata; spira producta; anfractibus 6, rotundis; apertura pyriformi, angustiuscula; labio infra crenulato.*

*Hab.* Tongataboo, Friendly Islands.

This shell was found by Mr. Brazier in a large hole in a coral-reef, on a piece of sponge, in five-feet water. It has a much more produced spire than the known species, with rounded whorls.

## FUSUS RUBRO-LINEATUS.

*F. testa breviuscula, pallide rubescente, castaneo bifasciata, distanter spiraliter rubro lineata, tenuiter striata; spira breviuscula; anfractibus septem, costis longitudinalibus subdistantibus rotundis spiraliter liratis ornatis, superne fascia castanea lata cinctis; apertura subovata, in canalem subelongatum terminante.*

*Hab.* Agullhas Bank, S. Africa.

*Mus.* Taylor.

## TEREBRA TENUISCUPTA.

*T. testa angustissima, elongata, fusca, saturatiore flammulata, vel albida castaneo pallide flammulata; anfractibus compressis, supra prope suturam liris spiralibus inaequalibus prominentibus granosomuliformibus cinctis, infra cancellatis, ultimo infra angulum tenuiter sculptis.*

*Hab.* China Seas.

*Mus.* Leckenby.

## EBURNA PERFORATA. (Plate XXI, fig. 2.)

*E. testa rotundato-pyramidata, maculis magnis fulvidis undatis, medio anfractu truncatis, infra medium in series duas dispositis, subrotundis, brevibus picta; spira breviuscula, apice purpureo; anfractibus breviusculis, rotundis; canali suturali lato, profunde, excavato; umbilico latissimo, usque ad apicem spiraliter excavato, medio spiraliter calloso; apertura parva; labio columellari leviter arcuato.*

The deep, wide canal and short rounded whorls, an arrangement of spots differing from all the other species', and a spiral groove at the lower part of the whorl, resembling only that in *E. formosa*, Sowb., render this a very remarkable shell. It has a very wide and perforating umbilicus, in which it is only nearly approached by *E. spirata*, Linn., and a spiral umbilical callus resembling that in *E. canaliculata*.

## TURRITELLA EXCAVATA. (Plate XXI, fig. 3.)

*T. testa attenuata, acuminata, tenuiuscula, sublevigata, albida, medio anfractu castaneo, spiraliter fasciata; anfractibus subelongatis, medio excavatis, supra prope suturam angustatis, tumidis, infra latis, inflatis, rotundatis; apertura subpyriformi, labio profundissime et late supra medium emarginata.*

*Hab.* Agullhas Bank.

This shell is figured in Reeve's Monograph as a variety of *T. excolata*, from which species, however, it is quite distinct.

## TURRITELLA PUNCTICULATA.

*T. testa robusta, pallide fulva, liris spiralibus numerosis valulis, rotundatis, minute punctato-maculatis, et interstitiis subcatis sculpta; anfractibus rotundatis, numerosis, flammulis fuscatis ornatis, ultimo subangulato, infra angulum planiusculo.*

*Hab.* Agullhas Bank, S. Africa.

*Mus.* Taylor.

## PLEUROTOMA LATIFASCIATA.

*P. testa attenuata, albida, fasciis latissimis fumeo-castaneis duabus cincta; spira elongata; anfractibus numerosis, brevibus, spiraliter striatis, medio albifasciatis, supra ad suturam granoso-uniliratis, tum excavatis, medio angulatis, costellis longitudinalibus numero-sis ornatis, ultimo infra granoso-lirato; apertura brevi, angustiuscula, sine haud profundo.*

*Hab.* Hongkong.

*Mus.* Taylor.

## PLEUROTOMA LATERCULATA.

*P. fusiformi, solida, levigata, longitudinaliter costata, maculis quadratis rubris tessellata; spira pyramidata; anfractibus medio angulatis, ad angulum carinis duabus, ad costas tuberculatis; apertura subpyriformi, labio ceteris incrassato, prope suturam emarginato.*

*Hab.* China Seas.

*Mus.* Taylor.

## PLEUROTOMA ALBICARINATA.

*P. testa angusta, scabriuscula, fusca, supra medium acute carinata, ad carinam alba; anfractibus supra et infra carinam acute uniliratis, ultimo medio subcarinato, infra carinam liris acutis et interstitiis longitudinaliter crenulatis sculpto; columella rectiuscula; labio ad carinam albam acute emarginato.*

*Hab.* Manzanilla.

*Mus.* Taylor.

This shell differs from *P. oxytropis* in being laterally much more compressed, in being much shorter above the keel, which is sharp and white, and in being altogether more closely sculptured.

## CLAVATULA TUMIDA.

*C. testa crassa, subfusiformi, pallide rubescente, epidermide tenui subviridi induta; spira mucronata, convexiuscula, aperturam longitudine superante; anfractibus declivibus, medio concavis uniliratis, supra prope suturam tuberculatis, infra oblique tuberculato-costatis; ultimo obtuse angulato, infra angulum tumidiusculo, levigato.*

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