

- a. Uropygio et supracaudalibus dorso concoloribus, flavo nec albo marginatis.
- a'. Tetricibus alarum minimis interioribus reliquis concoloribus; plaga cubitali nulla.
- a''. Subtus fere concolores, haud squamati.
- a'''. Pectore cineraceo, fascia mystacali nigricante; rectricibus extimis pure albis brunneo terminatis.
- a⁴. Majores; ala 3·5-3·7 unc.
- a⁵. Pallidus: mento summo albicante; tergi alarumque plumis brunneis flavo-olivascens marginatis *minor*.
- b⁵. Saturatior: mento summo nigricante; tergi alarumque plumis nigris aurato-flavo marginatis... *conirostris*.
- b⁴. Minor; ala 2·5 unc *exilis*.
- b'''. Pectore olivascens-flavido; fascia mystacali nulla; genis et regione parotica saturate cineraceis olivaceo vix lavatis; rectrice extima albicanti-brunnea, versus apicem oblique brunnea, reliquis saturate brunneis intus albicanti-brunneis *malayanus*.
- b''. Subtus squamati, haud concolores; gulæ plumis fuscis albo marginatis quasi squamatis.
- c''. Pectore tantum squamato; abdomine fere concolori albo; hypochondriis albis brunneo striatis *variegatus*.
- d'''. Pectore et abdomine squamatis; hypochondriis brunneis fere concoloribus *maculatus*.
- b⁴. Tetricibus alarum minimis interioribus læte flavis, plagam conspicuam exhibentibus *archipelagicus*.
- b. Uropygio et supracaudalibus albicantibus, his albo marginatis.
- c'. Tetricibus alarum minimis interioribus læte flavis, plagam formantibus; hypochondriis brunneo striatis *sparrmani*.
- d'. Plaga cubitali nulla; uropygio pure albo, haud brunneo striato; hypochondriis concoloribus; pileo flavo lavato.
- c''. Regione parotica pallide brunnea; rostro pallide brunneo *major*.
- d''. Regione parotica nigricante; rostro nigro *barianus*.
- c. Uropygio et dorso postico flavis *xanthonotus*,

2. Descriptions of ten new Species of Shells.

By G. B. SOWERBY, Jun.

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(Plate XLVIII.)

CONUS MELVILLI, n. sp. (Plate XLVIII. fig. 1.)

C. testa abbreviato-subcylindræa, solida, obtuse angulata, lævi, antice crenulato-sulcata, griseo-albida, cinnamomeo-fusco longitudinaliter strigata, lineis fuscis undulatis transverse cincta; interstitiis lineis curvatis longitudinalibus hic illic irregulariter divisis; spira obtusa, fusco-strigata; anfractibus 7, convexis, lævibus; apertura modica, fauce castanea.

Long. 20, maj. lat. 11 mill.

Hab. Key West (*J. Cosmo Melvill*).

A small obtuse Cone, with characteristic markings, somewhat resembling those of *C. lucidus* (Mawe), on a smaller scale; the transverse brown lines are more numerous, and the short longitudinal ones crossing the interstices less so. The light-brown streaks almost

cover the shell, leaving small white patches between the transverse lines.

The shell described was picked up on the beach by Mr. Melvill at Key West (south of Florida) in 1872, and is at present the only specimen known of the species.

LATIRUS CAYOHUESONICUS, n. sp. (Pl. XLVIII. fig. 4.)

L. testa elongato-turrita, solidula, atro-fusca, antice contracta, subelongata; spira elongata; anfractibus 9, convexiusculis, spiraliter liratis, longitudinaliter costatis, costis latis rotundatis, liris alternis minoribus, interstitiis striatim cancellatis; apertura ovata, parva, fauce lævi, purpureo-fusca; columella bicostata; canali subelongato, recto.

Long. 16, maj. lat. $5\frac{1}{2}$ mill.

Hab. Key West (J. Cosmo Melvill).

A very dark little *Latirus*, almost black within and without, with general characters common to the genus, and of the ordinary form of the larger species, such as *L. infundibulum*.

Among the shells found by Mr. Melvill at Key West, and submitted to me, the two above described are all that I can consider new species; but the following are worth mentioning:—

Conus japonicus (Hwass), which is identical with *C. largillierti* (Kiener) of Reeve's *Conch. Icon. Suppl. pl. 2, species 275*. It is a question whether this species, which in all probability never inhabited Japan, should retain the name given by Hwass, or whether that of Kiener should be adopted.

Conus nebulosus: a young specimen with a very sharp elevated spire.

Hemifusus corona (Gmel.). A number of specimens of a very small variety of this species, adult and well developed, but ranging from an inch to an inch and a half in length (Plate XLVIII. fig. 13).

From the collection of the late Sir E. Belcher:—

CONUS CARNALIS, n. sp. (Plate XLVIII. fig. 2.)

C. testa oblonga, subpyriformi, solida, obtuse angulata, obsolete striata, antice leviter costata; pallide carnea, late pallide fuscescenti bifasciata; spira obtuse-exserta; anfractibus 9, lævibus, in medio depressis; apertura modica, carneo tincta.

Long. 50, maj. lat. 25 mill.

Hab.?

A very pale pink, smooth shell, very faintly banded with buff, of the form of *C. scabriusculus*.

A single specimen from the collection of the late Sir E. Belcher, without any note of locality.

CONUS CATENATUS, n. sp. (Plate XLVIII. fig. 3.)

C. testa subfusiformi, subtiliter granoso-lirata, postice acute angulata, antice attenuata, medio leviter contracta; albida, fusco irregulariter grandimaculata, liris transversis fusco eximie arti-

culatis; spira elata, conica, gradata; anfractibus 11, lævibus, leviter coronatis; apice acuto, fusco; apertura angusta, fusco tincta.

Long. 31, maj. lat. 14 mill.; spira alt. 10 mill.

A very neatly marked Cone, allied to *C. mahogani*, *C. vimines*, and *C. tornatus*, but perfectly distinct, both in form and markings.

Hab. Panama? (*ex coll. Sir E. Belcher*).

MITRA BERTHÆ, n. sp. (Plate XLVIII. fig. 11.)

M. testa angulato-fusiforimi, solidiuscula, cinerea, longitudinaliter striata et valide plicata, transversim leviter sulcata, antice attenuata, recurva, transversim valide costata; spira acuminato-turrata; anfractibus 10, superne angulatis, ad angulum bicarinatis, supra angulum concavis, in medio balteolis nigris duobus cingulatis, linea unica fusca superne circumcinctis; apice nigro-fusco; apertura elongata, intus fusco cincta; columella quadruplicata, plicis duplicatis; labio externo leviter sinuato, lævi, crassiusculo.

Long. 32, maj. lat. 13 mill., spira alt. 13 mill.

Hab. China Sea (*Sir E. Belcher*).

Several specimens of this pretty shell were found in the above collection, and seem to have been hitherto unnoticed, although the species is very distinct and easily distinguishable from its congeners.

MITRA FULVOLIRATA, n. sp. (Plate XLVIII. figs. 9, 10.)

M. testa fusiformi, solidiuscula, cinerea, fusco-purpureo late fasciata, fulvo tincta, utrinque fuscata, antice contracta, leviter recurva; spira acuminato-turrata; anfractibus 10, convexiusculis, superne obtuse angulatis, transversim leviter sulcatis, longitudinaliter costatis, costis subangulatis, obtusis, fulvescentibus; apertura elongata, fauce lævi, fusco-purpurea; columella quadruplicata, plicis obtusis, quadratis; labio externo simplici.

Long. 27, maj. lat. 9 mill., spira alt. 12 mill.

Hab. China Sea (*Sir E. Belcher*).

Several specimens presenting scarcely any variation were found in the above collection. Although a species of no very striking character, I cannot identify it with any hitherto described.

MITRA ACUTA, n. sp. (Plate XLVIII. figs. 7, 8.)

M. testa angulato-fusiforimi, albida, interdum purpureo tincta, fusco punctata, castaneo unifasciata, vel flammulata; spira acutissima; anfractibus 10, transversim carinatis; carinis numerosis, elevatis, acutissimis; interstitiis concavis, interdum lævibus, plerumque cancellatis; apertura subangusta, intus alba, lævi; columella quinqueplicata, plicis acutis; labio externo vix arcuato, crenulato.

Long. 20-23, maj. lat. 8-9 mill.

Hab. China Sea (*Sir E. Belcher*).

A number of specimens of this species were found in the above collection. They vary considerably in sculpture, some being smooth

between the keels, and others cancellated; but they all agree in being much more sharply angular than the specimens of *M. annulata* from Ceylon and Mauritius, the keels being more acute and prominent, and the body-whorl being shorter in proportion to the spire.

From other sources :—

MITRA DEBURGHÆ, n. sp. (Plate XLVIII. fig. 12.)

M. testa cylindraceo-conica, solidula, cinerea, hic illic sparsim fusco punctata, maculis albidis distantibus triseriatim dispositis cingulata, postice albida, ubique transversim sulcata, sulcis profundis, valide cancellatis; spira brevissima, conica, albida; anfractibus 9, obtuse angulatis; apice fusco; apertura oblonga, antice subexpansa, fauce cinereo-fusca; columella quinqueplicata, plicis acutis, labio externo serrato.

Long. 16, maj. lat. 8 mill.

Hab. Tahiti.

A very pretty and distinct species of the *Imbricaria* section.

MITRA PUNCTURATA, n. sp. (Plate XLVIII. fig. 5.)

M. testa angusta, solida, antice leviter contracta, carneola, rufo-fusco maculata et flammulata, ubique longitudinaliter costata; costis numerosis, subconfertis, planulatis, interstitiis profunde punctatis; spira elongata; anfractibus 9, planato-convexis; sutura impressa; apertura oblonga, intus costata, carneola; columella 5-plicata.

Long. 20, maj. lat. 5, spira alt. 10 mill.

A single specimen without locality, but very strikingly different from every known species.

ZIZIPHINUS JUCUNDUS, n. sp. (Plate XLVIII. fig. 6.)

Z. testa acute sublata conica, tenui, fulvo-carneola, lineis fuscis minutis confertis interruptis spiraliter cingulata, versus apicem cinereo-fuscata; anfractibus 10, vix convexis, primis grano-liratis, sequentibus lævibus, ultimo juxta suturam iterum subconspicue grano-lirato, liris deinde fere obsoletis; sutura impressa; marginibus obtuse carinatis, maculis rubidis subdistantibus ornatis; basi planato-convexa; apertura oblique quadrata, fauce margaritacea; columella callosa, obliqua, vix intorta.

Alt. 30, maj. diam. 33 mill.

Hab. Japan.

A very neatly formed and delicately marked shell, of which only one specimen is at present known.

EXPLANATION OF PLATE XLVIII.

- Fig. 1. *Conus melvilli*, p. 795.
 2. — *carnalis*, p. 796.
 3. — *catenatus*, p. 796.
 4. *Latirus cayohuesonicus*, p. 796.
 5. *Mitra puncturata*, p. 798.
 6. *Ziziphinus jucundus*, p. 798.

- Figs. 7, 8. *Mitra acuta*, p. 797.
 9, 10. — *fulvovirata*, p. 797.
 11. — *berthe*, p. 797.
 12. — *deburghæ*, p. 798.
 13. *Hemifusus corona*, var. *minor*, p. 796.