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6. DESCRIPTIONS OF SIXTEEN NEW SPECIES OF LAND-SHELLS FROM THE COLLECTION OF H. CUMING, ESQ. BY DR. L. PFEIFFER.

(Plate XXXVII.)

1. *HELIX PHRYNE*, Pfr. (Pl. XXXVII. fig. 7.) *T. imperforata, depressa, tenuiuscula, epidermide tenui brevi setosa obducta, albida, fasciis fuscis et nigricantibus varie ornata; spira vix elevata, superne planata; anfr. 4½, convexiusculi, celeriter accrescentes, ultimus subinflatus, antice breviter deflexus, basi pallide fusca, late areolatus; apertura perobliqua, truncato-ovalis; perist. album, marginibus subconniventibus, supero expanso et latere dextro late revoluto, basali reflexo, prope insertionem intus tuberculo minuto dentiformi instructo, loco umbilici in laminam affixam dilatato.*

Diam. maj. 26, min. 20, alt. 12 mill.

Hab. Ternate (Mr. Wallace).

Nearly allied to *H. exceptiuncula* of Férussac, and perhaps identical with the shell figured in Férussac's plate 73 A. fig. 1, under the name of *H. exceptiuncula*, var.

2. *HELIX LANCEOLATA*, Pfr. (1628 b). (Pl. XXXVII. fig. 6.) *T. umbilicata, subtrochiformis, acute carinata, solida, striata et minutissime granulata, superne cinereo-fuscescens; spira conoidea, vertice fusco, nitido, acutiusculo; sutura vix carinato-marginata; anfr. 5, convexiusculi, regulariter accrescentes, ultimus non descendens, basi planiuscula, saturate rufus; apertura diagonalis lanceolata; perist. expansum et ad carinam late revolutum, margine basali fusco, leviter orcurato, sublato reflexo, ad insertionem dilatato, umbilicum angustum fere occultante.*

Diam. maj. 27, min. 22½, alt. 14 mill.

Hab. Ternate (Mr. Wallace).

3. *HELIX ATACTA*, Pfr. (1842 a). (Pl. XXXVII. fig. 5.) *T. umbilicata, perdepressa, tenuiuscula, oblique striata, fulvescenti-albida, fasciis 4 rufis ornata; spira vix elevata, vertice obtuso; sutura submarginata; anfr. 4½, convexiusculi, ultimus periphæria obsolete angulata, antice subgibbosus, pone aperturam subcristatus; apertura obliqua, elliptica; perist. album, late expansum et reflexum, marginibus approximatis, columellari intus vix incrassato, ad insertionem dilatato, umbilicum mediocrem conicum partim occultante.*

Diam. maj. 25½, min. 21, alt. 10 mill.

Hab. Ternate.

4. *HELIX CALYPSO*, Pfr. (1938 a). (Pl. XXXVII. fig. 8.) *T. umbilicata, depressa, solidula, conferte striatula, fulva, ad suturam rufo unifasciata; spira parum elevata, obtusa; anfr. 4, convexiusculi, regulariter accrescentes, ultimus non descendens,*



GB Sowerby del et lith

W West imp

1. *Pupinella borneensis*. 2. *Bulimus felix*. 3. *B. inclinatus*. 4. *B. gloriosus*.
5. *Helix atacta*. 6. *H. lanceolata*. 7. *H. phryne*. 8. *H. calypso*. 9. *Cyclotomus isabella*. 10. *Leptopoma nigricans*. 11. *L. cinctellum*. 12. *L. menadense*.



peripheria subcarinata, subtus nitidior, fulvo-lutescens, circa umbilicum infundibuliformem intus castaneum subangulatus; apertura perobliqua, irregulariter ovalis, intus albido-margaritacea; perist. pallide lilaceum, marginibus convergentibus, supero flexuoso, expanso et reflexiusculo, basali breviter reflexo, columellari fere verticaliter ascendente.

Diam. maj. 36, min. 29, alt. $14\frac{1}{2}$ mill.

Hab. Madagascar.

5. **BULIMUS GLORIOSUS**, Pfr. (118 a). (Pl. XXXVII. fig. 4.) *T. imperforata, conico-ovata, solida, oblique striata et lineis confertis spiralibus minute decussata, sub epidermide pallide virenti-fulva albido et spadiceo flammulata; spira conica; sutura submarginata; anfr. $7\frac{1}{2}$ -8, convexiusculi, ultimus spira brevior, prope basin et infra medium nigro-castaneo cingulatus; columella alba, subcompressa, leviter torta; apertura parum obliqua, ampla, ovalis; perist. album, marginibus callo crassiusculo lacteo junctis, dextro expanso et reflexiusculo, columellari adnato.*

Long. 78, diam. 34 mill.

Hab. Republic of Ecuador.

6. **BULIMUS FELIX**, Pfr. (250 a). (Pl. XXXVII. fig. 2.) *T. compresse umbilicata, ovato-oblonga, tenuis, laevigata, albida vel carnea, strigis vel fasciis latis spadiceis albo punctulatis ornata; spira convexo-conica, vertice acuto nigricante; anfr. 6, convexiusculi, ultimus spiram subæquans, antice subascendens, basi attenuatus; columella subtorta, recedens, fusco-violacea; apertura subverticalis, ovalis, intus violaceo limbata; perist. simplex, album, marginibus callo castaneo junctis, dextro late expanso, columellari late reflexo, patente.*

Long. 33, diam. 13 mill.

Hab. New Granada.

7. **BULIMUS INCLINATUS**, Pfr. (272 a). (Pl. XXXVII. fig. 3.) *T. vix perforata, fusiformi-oblonga, solidula, striata et rugosa, striis spiralibus exiliter sculpta, nitidula, albida; spira conica, acutiusscula; anfr. $5\frac{1}{2}$ convexiusculi, ultimus $\frac{2}{3}$ longitudinis formans, ad basin attenuatus; columella callosa, substrictè recedens; apertura obliqua, ovalis; perist. simplex, margine dextro deorsum per dilatato, expanso, columellari subadnato.*

Long. 33, diam. 12 mill.

Hab. New Granada.

8. **ACHATINA BREVIS**, Pfr. (69 a). *T. conico-ovata, tenuis, pellucida, fulvo-cornea; spira conica, apice obtusulo; anfr. 6, modice convexi, striis a sutura descendentibus deorsum evanescentibus distinctè sculpti, ultimus spira paulo brevior, rotundatus; columella antrorsum torta, fere horizontaliter trun-*

cata; apertura fere verticalis, sinuato-ovalis; perist. simplex, tenue.

Long. 8-9, diam. 5-5 $\frac{1}{3}$ mill.

Hab. Ahmednuggur, India.

9. PUPA SERICINA, Pfr. (102 a). *T. subumbilicata, ovato-conica, subtilissime striatula, sericina, hyalina; spira sursum sensim attenuata, apice rotundato; anfr. 6, modice convexi, ultimus non ascendens, ad basin subcompressus; apertura subobliqua, oblonga, lamella intrante parietali marginem dextrum tangente coarctata; perist. callosum, album, rectangule patens.*

Long. 3 $\frac{1}{2}$, diam. 2 mill.

Hab. — ?

10. CYCLOSTOMUS ISABELLA, Pfr. (41 a). (Pl. XXXVII. fig. 9.) *T. umbilicata, globoso-turbinata, solida, striis spiralibus inæqualiter distantibus cincta, nitidulu, isabellina; spira brevis, acutiuscula; anfr. 5 $\frac{1}{2}$, convexi, ultimus dilatatus, subtus sublævigatus, circa umbilicum angustum liris confertis sculptus; apertura parum obliqua, ovalis; perist. albidam, marginibus callo arcuatim exciso junctis, dextro late expanso et revoluto, sinistro angusto, vix reflexo. Operculum — ?*

Diam. maj. 26, min. 21, alt. 21 mill.

Hab. Madagascar.

11. CYCLOTUS NATALENSIS, Pfr. (§ 6. 37 a). *T. anguste umbilicata, turbinata, solidula, vix striatula, nitida, lutescenti-cornea, lineolis rufis minutissime variegata; spira turbinata, acutiuscula; anfr. 5, convexi, ultimus infra medium castaneo unifasciatus; apertura vix obliqua, subcircularis; perist. simplex, breviter adnatum, undique expansiusculum. Operc. normale.*

Diam. maj. 12, min. 10, alt. 9 $\frac{1}{2}$ mill.

Hab. Cape Natal.

12. LEPTOPOMA NIGRICANS, Pfr. (§ 2). (Pl. XXXVII. fig. 10.) *T. anguste umbilicata, globoso-conica, solidula, conferte striata, sericina, fusco-nigrescens; spira conica, acutiuscula; anfr. 6 $\frac{1}{2}$, convexi, superiores obsolete spirally striati, ultimus infra medium subcarinatus, subtus planior; apertura obliqua, subangulato-rotundata; perist. album, duplex, internum vix porrectum, externum late patens, concentricè striatum, ad anfr. contiguum subinterruptum.*

Diam. maj. 18, min. 15, alt. 15 mill.

Hab. Menado, Indian Seas.

13. LEPTOPOMA CINCTELLUM, Pfr. (126). (Pl. XXXVII. fig. 11.) *T. anguste umbilicata, globoso-conica, tenuiuscula, spirally confertissime striata et liris 6 filiformibus (harum infima peripherica acutiuscula) cincta, albida castaneo plurifasciata, vel fulvida maculis obliquis fulvis minute variegata; spira turbi-*

nata, acuta; sutura albida, subcrenata; anfr. 5, convexi, ultimus inflatus, subtus obsoletissime liratus; apertura obliqua, fere circularis; perist. simplex, album, sublata patens, marginibus callo tenuissime junctis, sinistro angusto.

Diam. maj. 15-16, min. 13, alt. 12 mill.

Hab. Ternate.

14. *LEPTOPOMA MENADENSE*, Pfr. (29 a). (Pl. XXXVII. fig. 12.)

T. perforata, globoso-conica, tenuiuscula, oblique striata, carinata, alabastrina; spira conica, acuta; anfr. 5, convexiusculi, ultimus peripheria acute et compresse carinata, superne turgidus et carinis 4 filiformibus (in anfractibus reliquis conspicuis) munitus, subtus sublævigatus; apertura fere diagonalis, subangulato-rotundata; perist. album, marginibus approximatis, dextro late patente, ad carinam angulifero, columellari angusto.

Diam. maj. 12, min. 10, alt. 10 mill.

Hab. Menado, Indian Seas.

15. *PUPINELLA BORNEENSIS*, Pfr. (Pl. XXXVII. fig. 1.)

T. perforata, ovato-oblonga, tenuiuscula, confertissime capillaceo-striata, sericina, corneo-fusca; spira ventrosa, vertice acutiusculo; anfr. 7, modice convexi, ultimus penultimo multo brevior, antice dilatatus, circa perforationem cristatus; columella sicut in P. pupiniformi; apertura subverticalis, circularis; perist. albidum, margine dextro expanso et reflexo, sursum producto, columellari late patente.

Long. 13, diam. $5\frac{3}{4}$ mill.

Hab. Borneo.

16. *PARTULA CALEDONICA*, Pfr. *T. profunde et compresse umbilicata, solidula, oblongo-conica, irregulariter striata, pallide carnea, strigis fuscis subconfertis irregulariter radiata; spira conica, acuta; anfr. $5\frac{1}{2}$, convexiusculi, medii distincte spiraliter striati, ultimus spira brevior, antice ascendens, medio impressus, ad basin saccatus; columella intus profunde subplicata; apertura parum obliqua, oblonga; perist. album, undique sublata expansum, marginibus convergentibus, dextro subflexuoso.*

Long. 22-22 $\frac{1}{2}$, diam. 10 mill.

Hab. New Caledonia.

December 10th, 1861.

Professor Busk, F.R.S., in the Chair.

The Secretary exhibited skins of an Otter from Amoy, and of a Hare from the Island of Formosa, both forwarded to the Society by Robert Swinhoe, Esq., Corr. Memb.