

PROCEEDINGS

OF THE

ZOOLOGICAL SOCIETY

OF LONDON.



---

PART XXII.

1854.

---

PRINTED FOR THE SOCIETY;  
SOLD AT THEIR HOUSE IN HANOVER SQUARE,  
AND BY MESSRS. LONGMAN, BROWN, GREEN, AND LONGMANS,  
PATERNOSTER ROW.

*albo, undique expanso et reflexo, margine dextro superne repando, medio crassiore.*

Diam. maj. 9, min.  $6\frac{1}{2}$ , alt.  $5\frac{1}{3}$  mill.

*Hab.* Shanghai, China (*Mr. Fortune*).

23. *ACHATINA FLEXUOSA (GLANDINA) Pfr.* *A. testa subfusiformi-oblonga, solida, longitudinaliter flexuose plicato-striata, alba, epidermide fulva, strigis angustis castaneis irregulariter notata induta; spira conica, obtusa; sutura sublacera; anfract. 7, vix convexiusculis, ad suturam subcrenatis, ultimo antice deflexo, spiram superante, basi attenuato; columella arcuata, ad basin aperturae elongato-semiovalis abrupte truncata; perist. obtuso, margine dextro repando, medio antrorsum dilatato.*

Long 53, diam. 20 mill.

*Hab.* —?

## 2. DESCRIPTIONS OF SEVEN SPECIES OF CYCLOSTOMACEA AND AURICULACEA, FROM MR. CUMING'S COLLECTION.

BY DR. L. PFEIFFER.

1. *CYCLOSTOMA CASTUM (CYCLOSTOMUS?)*, Pfr. *C. testa umbilicata, globoso-turbinata, tenui, striis elevatis obliquis et spiralibus confertissime reticulata, vix nitidula, candida; spira breviter turbinata, vertice truncatulo; anfract. 5, convexis, rapide accrescentibus, ultimo rotundato, fascia 1 obsoleta fulva infra medium signato; umbilico profundo,  $\frac{1}{4}$  diametri fere æquante; apertura obliqua, subcirculari, intus concolore, nitida; perist. mediocriter expanso et revoluto, margine columellari in laminam latissimam, superne adnatam, umbilicum semioccultantem dilatato. Operc. —?*

Diam. maj. 28, min. 22, alt. 16 mill.

*β Anfractu ultimo antice longe soluto, dorso carinato.*

*Hab.* Madagascar.

2. *CYCLOSTOMA VIRGO (CYCLOSTOMUS?)*, Pfr. *C. testa umbilicata, turbinato-globosa, depressiuscula, tenui, confertim striata et liris spiralibus (quorum singulis validioribus) asperato-granulata, haud nitente, diaphana, albido-fulvescente, castaneo trifasciata; spira breviter turbinata, vertice submamillari; anfract. 5, convexis, rapide accrescentibus, ultimo rotundato; umbilico profundo,  $\frac{1}{6}$  diametri vix superante; apertura obliqua, subangulato-circulari, intus nitida; perist. dilatato, undique subrectangule patente, nitido, albo, castaneo-maculato, superne subfornicata, margine sinistro crenulato, supra umbilicum in laminam magnam superne adnatam dilatato. Operc. —?*

Diam. maj. 26, min. 21, alt. 15 mill.

*Hab.* Madagascar.

3. *CYCLOSTOMA CHLORITICUM* (*CYCLOSTOMUS*?), Pfr. *C. testa umbilicata, turbinato-depressa, tenuiuscula, oblique striatula et liris confertis, inæqualibus, basi validioribus cincta, vix nitidula, diaphana, albida, fasciis pallidissime lutescentibus ornata; spira brevi, submucronata; anfract. 5, convexis, rapide accrescentibus, ad suturam depressis, marginatis, ultimo rotundato, non descendente; umbilico profundo,  $\frac{1}{4}$  diametri subæquante; apertura obliqua, sub-circulari, intus nitida; perist. simplice, marginibus fere contiguis, supero sinuato, vix expansiusculo, basali reflexo, columellari dilatato, fornicatim patente. Operc. — ?*

Diam. maj. 34, min. 27, alt. 16 mill.

Hab. Madagascar.

4. *CYCLOSTOMA COMORENSE* (*OTOPOMA*?), Pfr. *C. testa sub-obtecte perforata, ovato-conica, solida, longitudinaliter capillaceo-striata et irregulariter rugosa, castanea, fasciis pallidis ornata; spira elongata, convexo-conica, obtusula; anfract. 5, superis parum convexis, spiraliter liris, penultimo convexiore, ultimo rotundato, spiram vix æquante; apertura obliqua, angulato-ovali; perist. simplice, marginibus vix junctis, dextro recto, superne sinuato, flexuoso, sinistro calloso, superne dilatato, supra perforationem adnato. Operc. C. clathratuli.*

Long. 16, diam. 11 mill.

Hab. Comoro Islands, Africa.

5. *MELAMPUS DUPLICATUS*, Pfr. *M. testa imperforata, oblonga, solida, arcuato-striata, sub epidermide decidua, virenti fulva alba; spira brevi, conoidea, obtusula; sutura obsoleta; anfract. 5-6, contiguis, ultimo  $\frac{3}{4}$  longitudinis formante, supra medium inflato, basi parum attenuato; apertura verticali, semielliptica, basi canaliculata; pariete aperturali callo nodiformi et infra eum plica lamellæformi transversa munito; columella plicis 2 obliquis, parallelis duplicata; perist. simplice, margine dextro leviter arcuato, intus subcalloso.*

Long. 10, diam.  $5\frac{1}{2}$  mill.

Hab. — ?

6. *AURICULA DACTYLUS*, Pfr. *A. testa imperforata, ovato-oblonga, solida, longitudinaliter ruditer striata, infra suturam sulcis validis granulata (striis spiralibus in reliqua parte levibus), olivaceo-fusca, nitida; spira inflato-conica, apice obtusula, erosa; anfract. 7, superis planis, lente accrescentibus, penultimo lato, inflato, ultimo non descendente,  $\frac{2}{3}$  longitudinis fere æquante, supra medium obsolete angulato, basi vix attenuato; apertura vix obliqua, sinuato-semiovali; plicis parietalibus 2 albis, superiore nodiformi, altera valida, obliqua; plica columellari vix torta, fere verticali, introrsum subsulcata, extus ad marginem producta; perist. crasso, recto, margine dextro superne valde sinuato, intus perincrassato, columellari dilatato, plano, adnato.*

Long. 52, diam. max. 25 mill.

Hab. Borneo.

This species and the following one are allied to *A. Judæ*, L.

7. *AURICULA CHINENSIS*, Pfr. *A. testa subrimata, ovato-oblonga, solida, striis longitudinalibus et spiralibus minute granulata, fulvida, castaneo-strigata; spira conica, obtusa; sutura lineari, sublacera; anfract. 6, planiusculis, ultimo non descendente,  $\frac{3}{5}$  longitudinis subæquante, basi rotundato; apertura verticali, sinuato-semiovali, paulo supra basin latissima; plicis parietalibus 2, superiore nodiformi, altera valida, compressa, subobliqua, callo longitudinali plicæformi extus subjunctis; plica columellari valida, tecta; perist. recto, marginibus callo tenui junctis, dextro intus valide labiato, superne sinuato, columellari crasso, fornicatim reflexo, adnato.*

Long. 28, diam. 14 mill.

*Hab.* China.

### 3. DESCRIPTIONS OF TWO NEW SPECIES OF LAND SHELLS.

BY J. S. GASKOIN.

(Mollusca, Pl. XXIX.)

1. *BULIMUS BIVARICOSUS*. (Pl. XXIX. fig. 4). *Testa oblongo-ovata, turrita, solida, longitudinaliter rugato-striata, castaneo-fulva; apice obtusiusculo; anfractibus 6-7 subventricosis, ad suturas depressiusculis, ultimo  $\frac{2}{3}$  subæquante testæ longitudinis; apertura ovali, postice angulata, intus nitida rubeo-castanea, varicibus valde prominentibus duobus, uno ab antica parte aperturæ infra fornicem columellæ extenso, altero medio labri externi ad anticam partem aperturæ efformante; peristomate continuo, parte libera crassa, extus valde marginata albicanteque, columellari incrassata, juxta umbilicum reflexa; umbilico subobsoleto.*

Long.  $2\frac{3}{10}$ , lat. 1 poll.

*Hab.* in insula Lord Howe.

2. *HELIX SOPHIÆ*. *Testa subdiscoidea, tenui, diaphana, parum umbilicata, fulvescente, vix nitidula; spira circa apicem rufescente, apice obtusa, anfractibus 5-6 convexiusculis, celeriter accrescentibus, ultimo antice paululum descendente, striis elevatis spiralibus munitis, lineis tenuissimis undulatis irregulariter transversim decussatis; basi rotundata, confertim spiraliter levius striata; apertura obliqua, semiovali, intus pallidior, nitidissima; peristomate simplice, recto, ad umbilicum reflexo.*

Alt.  $\frac{6}{10}$ , diam. maj.  $1\frac{8}{10}$ , diam. miu.  $1\frac{1}{10}$  poll.

*Hab.* in insula Lord Howe.