

# PROCEEDINGS

OF THE

SCIENTIFIC MEETINGS

OF THE

# ZOOLOGICAL SOCIETY

## OF LONDON

FOR THE YEAR

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PARIS :

M. J. ROTHSCHILD,  
14, RUE DE BUCY.

LEIPZIG :

M. J. ROTHSCHILD,  
2, QUERSTRASSE.

## 19. SUCCINEA ARBOREA, Ad. &amp; Ang., n. s.

*S. testa oblongo-ovata, spira quam apertura brevior, apice papilloso, alba, aureo-cornea, pellucida; anfractibus 3, valde convexis, longitudinaliter strigosis; apertura oblongo-ovata, labio callo tenui instructo; labro arcuato, simplici.*

Long. 4 lin., lat. 2 lin.

*Hab.* Burnside; hills near Adelaide; beneath bark of gum-trees (*Coll. Angas.*).

The habits of this species differ from those of *S. strigata*, Pfr., which are strictly terrestrial, the animals making their appearance after rain, and spreading over the hills in considerable numbers. Our species, on the contrary, shelters itself beneath the loose bark of the *Eucalypti*.

## 20. BLANFORDIA STRIATULA, Menke.

This species of *Blanfordia* is the only example of an operculate land-shell that I have met with in South Australia. The same species is found in Tasmania.

From the hills near Adelaide.

## 4. DESCRIPTIONS OF FIFTEEN NEW SPECIES OF LAND-SHELLS, FROM THE COLLECTION OF H. CUMING, ESQ. BY DR. LOUIS PFEIFFER.

1. HELIX LABUANENSIS, Pfr. *T. imperforata, conoideo-depressa, tenuis, carinata, striatula et liris minutis elevatis prope suturam distinctioribus cincta, cornea; spira concaviusculo-conoidea, apice acutiuscula; sutura marginata; anfr. 7, subplani, lente accrescentes, ultimus non descendens, acutissime carinatus, basi parum convexus; apertura obliqua, depresso securiformis; perist. simplex, rectum, margine supero brevi, antrorsum arcuato, basali a carina recedente, leviter arcuato, ad insertionem subcalloso.*

Diam. maj.  $16\frac{1}{2}$ , min. 15, alt. 6 mill.

*Hab.* In insula Labuan (*Mr. Hugh Low*).

2. HELIX HUGONIS, Pfr. (182 a). *T. sinistrorsa, clause perforata, turbinata, solida, undique conferte et subargute granulato-striata, superne fuscula; spira conoidea, vertice obtusulo; anfr. 8, lente accrescentes, convexiusculi, supra suturam flavescens, ultimus compressus carinatus, infra carinam inflatus, castaneus; apertura obliqua, irregulariter angulato-lunaris, intus margaritacea; perist. subsimplex, margine supero brevi, basali perarcuato, versus perforationem subincrassato et leviter dilatato.*

Diam. maj. 38, min. 35, alt. 21-22 mill.

*Hab.* In insula Labuan (*Mr. H. Low*).

3. HELIX CEROCONUS, Pfr. (194 a). *T. subperforata, conica, tenuiuscula, striatula, cerea; spira convexiusculo-conica, vertice obtusulo; sutura filomarginata; anfr. 6-6 $\frac{1}{2}$ , convexiusculi, lente*

*accrescentes, ultimus convexior, non descendens, periphæria subacute carinatus; apertura vix obliqua, angulato-lunaris; perist. simplex, rectum, marginibus distantibus, supero brevi, basali leviter arcuato, versus insertionem sensim dilatato, reflexiusculo.*

Diam. maj.  $8\frac{1}{2}$ , min. 8, alt.  $5\frac{1}{2}$  mill.

*Hab.* In insula Labuan (*Mr. H. Low*).

4. *HELIX JUCUNDA*, Pfr. (263 a). *T. subclausæ perforata, conoideo-depressa, tenuis, sub lente conferte striata, nitida, fusco-cornea; spira breviter conoideo-elevata, vertice subtili; anfr.  $6\frac{1}{2}$ , convexiusculi, lente accrescentes, ultimus non descendens, periphæria rotundatus, basi medio impressus; apertura vix obliqua, irregulariter lunaris, intus submargaritacea; perist. simplex, rectum, marginibus distantibus, dextro regulariter arcuato, columellari declivi, parum arcuato, ad insertionem breviter reflexo.*

Diam. maj. 17, min.  $15\frac{1}{2}$ , alt. 9 mill.

*Hab.* In insula Labuan (*Mr. H. Low*).

5. *HELIX DURA*, Pfr. (387 a). *T. perforata, depressa, solida, carinata, superne subconferte plicato-striata, nitidula, fusco-isabellina; spira brevissime conoidea, vertice minuto obtusulo; sutura linearis, anguste marginata; anfr.  $5\frac{1}{2}$ , vix convexiusculi, lente accrescentes, ultimus non descendens, periphæria compresse et acute carinatus, subtus modice convexus, leviter radiato-striatus; apertura obliqua, depresso subrhombæo-lunaris; perist. rectum, margine supero tenui, basali a carina subito recedente, quasi rostram formante, tum usque ad perforationem leviter incrassato.*

Diam. maj. 34, min. 30, alt. 11 mill.

*Hab.* Waigiou Island (*Mr. Wallace*).

6. *HELIX NIGROFASCIATA*, Pfr. (1655 a). *T. anguste umbilicata, globoso-trochiformis, solidula, oblique regulariter striata, lineisque impressis antrorsum descendentibus dense decussata, lutea, fasciis 2 latis nigris et interdum cinnamomea infra illas cincta; spira turbinata, vertice acutiusculo; anfr. 4, convexi, ultimus inflatus, antice vix descendens, subtus spiraliter leviter striatus; apertura obliqua, rotundato-lunaris, intus alba, nigro fasciata; perist. album, marginibus convergentibus, dextro anguste expanso et reflexiusculo, columellari late reflexo, supra umbilicum fornicatim dilatato.*

Diam. maj. 19, min. 17, alt. 13 mill.

*Hab.* Admiralty Islands.

7. *HELIX LATIZONA*, Pfr. (1912 a). *T. mediocriter umbilicata, depressa, tenuiuscula, striatula, vix nitidula, fusca, zona latiuscula alba ad suturam notata; spira subplana; anfr.  $4\frac{1}{2}$ , superi vix convexiusculi, ultimus rotundatus, superne antice subsulcatus, deflexus, subtus constrictus; apertura obliqua, rotundato-ovalis; perist. undique sublato expansum, marginibus convergentibus, columellari tuberculo oblongo-nodiformi intus munito.*

Diam. maj.  $26\frac{1}{2}$ , min. 21, alt. 11 mill.

*Hab.* In insula Ceram (*Mr. Wallace*).

8. *BULIMUS DOHRNI*, Pfr. (133 a). *T. imperforata, oblongo-conica, solida, lævigata, sulphurea; spira elongata, subregulariter conica, varicibus nigro-castaneis 1-2 notata, apice obtusulo; anfr. 7, vix convexiusculi, ultimus  $\frac{1}{3}$  longitudinis paulo superans, basi rotundatus, infra medium fascia lata livida vel virescente notatus; apertura parum obliqua, parvula, subrhombico-ovalis; columella brevis, superne subplicata; perist. vix expansum, crassum, lacteum, striga castanea cinctum, marginibus callo crasso albo intrante junctis.*

Long. 45, diam. 21 mill. Ap. 16 mill. longa,  $9\frac{1}{2}$  lata.

*Hab.* Cochin-China.

9. *BULIMUS RECEDENS*, Pfr. (252 a). *T. compresse umbilicata, ovato-subfusiformis, tenuis, lævigata, pallide flavida, strigis undulatis subinterruptis fuscis picta; spira subexacte conica, apice acuta; anfr. 6, pluniusculi, ultimus spiram superans, basi recedens, vix attenuatus; columella inflata, torta; apertura vix obliqua, oblongo-ovalis, superne angulata; perist. tenue, albidum, margine dextro latiuscule expanso, columellari reflexo, superne dilatato.*

Long. 27, diam. 12 mill.

*Hab.* Mozobamba.

10. *PUPA SOLUTA*, Pfr. *T. profunde rimata, elongato-conica, tenuis, levissime striatula, pellucida, fusco-cornea; spira ovato-conica, vertice acutiusculo; anfr. 9, convexiusculi, ultimus antice solutus, horizontaliter productus, basi compressus; apertura basi axin excedens, truncato-ovalis, lamellis 6 elongatis fere clausa, 1 parietali et suprema palatali validioribus, marginem attingentibus, secunda palatali, 1 basali et 2 columellaribus profundioribus; perist. continuum, tenue, breviter expansum, margine supero libero, strictiusculo.*

Long. 8, diam. anfr. penultimi 3 mill.

Locality unknown; perhaps of a new genus, allied to *Tomigeres*.

11. *SUCCINEA COCHINCHINENSIS*, Pfr. (14 a). *T. depresso ovata, tenuis, ruguloso-striata, pellucida, albido-cornea; spira parvula, subpapillata; anfr.  $2\frac{1}{2}$ , ultimus magnus, obliquus, basi subcompressus; columella filaris, callosa, subtorta; apertura obliqua, angulato-ovalis, intus submargaritacea, antice non incumbens; perist. simplex, margine dextro subflexuoso.*

Diam. maj. 11, min.  $6\frac{2}{3}$ , alt.  $4\frac{1}{2}$  mill. Apertura 10 mill. longa.

*Hab.* Cochin-China.

12. *PTEROCYCLOS LABUANENSIS*, Pfr. (1 a). *T. late umbilicata, subdiscoidea, solida, subtilissime striatula, sordide flavida unicolor vel in anfract. superioribus castaneo distanter flammulata; spira vix elevata, vertice corneo submucronato; anfr.  $4\frac{1}{2}$ , convexiusculi, rapide accrescentes, ultimus subdepresso rotundatus, non descendens; apertura fere diagonalis, circularis; perist. duplex; internum porrectum, superne leviter incisum, externum latere sinistro*



*reflexum, dextro sublate patens, superne cucullatim dilatatum et subdeflexum. Operc. planiusculum, calcareum, marginibus anfractuum infundibuliformiter elevatis.*

Diam. maj. 18, min. 14, alt. 5 mill.

*Hab.* In insula Labuan (*Mr. H. Low*).

13. *PTEROCYCLOS LOWIANUS*, Pfr. (1 b). *T. late umbilicata, subdiscoidea, tenuiuscula, subtiliter striatula, sericina, fulva, flammis saturate castaneis amœne picta; spira planiuscula, vertice submucronato; anfr. 4½, convexi, regulariter accrescentes, ultimus teres, antice paululum descendens; apertura diagonalis, circularis; perist. duplex; internum brevissime porrectum, juxta anfr. contiguum vix sinuatum; externum latere sinistro angustissimum, dextro breviter patens, superne dilatatum et protractum, vix concavum. Operc. præcedentis.*

Diam. maj. 15½, min. 12½, alt. 5½ mill.

*Hab.* In insula Labuan (*Mr. H. Low*).

14. *PUPINA MERIDIONALIS*, Pfr. (4 a). *T. oblonga, tenuiuscula, levissime striatula, subpellucida, succineo-cornea; spira sensim in conum acutiusculum attenuata; sutura levis, simplex; anfr. 7, summi convexiusculi, sequentes planiores, penultimus longus, ultimus antice subascendens, basi axin excedens; apertura obliqua, circularis, bicanaliculata; callus parietalis arcuatus, latere dextro in linguam triangularem, sinistro in linguam latam transverse truncatam abiens; perist. subincrassatum, breviter expansum, cum lingua sinistra directione parallelâ recedens.*

Long. 13, diam. 6 mill.

*Hab.* North Australia.

15. *PUPINA PLANILABRIS*, Pfr. (4 b). *T. subrimata, oblongo-conica, tenuiuscula, sub lente striatula, subsericea, carneo-fuscula; spira conica, apice acutiuscula; sutura simplex; anfr. 7, convexiusculi, penultimus longus, latere aperturae subplanulatus, ultimus brevis, descendens; apertura subverticalis, circularis, lineariter bicanaliculata; callus parietalis planus, subsolutus, latere dextro breviter ligulatus, sinistro infra medium oblique resectus; perist. plane expansum, utrinque cxtus cum linguis junctum et infra rimam umbilicalem cristulam e canali punctiformi exeuntem formans.*

Long. 12½, diam. 5½ mill.

*Hab.* North Australia.

5. DESCRIPTIONS OF TEN NEW SPECIES OF LAND-SHELLS, FROM THE COLLECTION OF GEORGE FRENCH ANGAS, ESQ. BY DR. LOUIS PFEIFFER.

1. *HELIX INCLINATA*, Pfr. (387 b). *T. subclause perforata, conoideo-depressa, solida, carinata, superne conferte rugoso-striata,*