

PROCEEDINGS
OF THE
ZOOLOGICAL SOCIETY
OF LONDON.



PART XX.
1852.

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

2. DESCRIPTIONS OF SIXTY-SIX NEW LAND SHELLS, FROM
THE COLLECTION OF H. CUMING, ESQ.
BY DR. L. PFEIFFER.

1. VITRINA MILLIGANI, Pfr. *V. testa imperforata, depresso ovata, solidula, lævigata, nitidissima, olivaceo-nigricante; spira convexa; anfractibus 3 rapide crescentibus, penultimo convexo, ultimo depresso-rotundato, subtus latiusculo; apertura perobliqua, lunato-ovali, intus concolore; peristomate simplice, subinflexo, margine dextro antrorsum dilatato, columellari leviter arcuato.*

Diam. maj. $22\frac{1}{2}$, min. 16, alt. $10\frac{1}{2}$ mill.

Hab. in insula parvula in Macquarie Harbour, Van Diemen's Land (Milligan).

2. VITRINA CASTANEA, Pfr. *V. testa depressa, ambitu ovali, striatula, nitidissima, castanea; spira plana; anfractibus 3 vix convexiusculis, ultimo magno, basi late membranaceo-marginato; apertura parum obliqua, lunari-ovali; peristomate luteo-limbato, margine membranaceo.*

Diam. maj. 9, min. 7, alt. 5 mill.

Hab. in Australia.

3. VITRINA DIMIDIATA, Pfr. *V. testa depressissima, ambitu ovali, tenuissima, subtiliter arcuato-striata, sericina, pallide cornea; spira subplana; anfractibus $2\frac{1}{4}$ subtus apertis, vix membranaceo-marginatis; apertura horizontali, totam testam occupante; peristomate simplice, marginibus regulariter arcuatis.*

Diam. maj. $5\frac{1}{2}$, min. 4, alt. $1\frac{1}{3}$ mill.

Hab. in Nova Seelandia.

4. HELIX OMEGA, Pfr. *H. testa imperforata, depressa, sublævigata, epidermide fulvo-cornea induta; spira vix elevatiuscula, vertice rubella; anfractibus 4 planiusculis, celeriter accrescentibus, ultimo depresso, basi vix convexiore, medio impresso; apertura obliqua, lunato-ovali; peristomate simplice, recto, margine basali levissime arcuato, superne reflexo, in regione umbilicali adnato.*

Diam. maj. $9\frac{1}{2}$, min. 7, alt. 4 mill.

Hab. in Nova Seelandia.

5. HELIX AULICA, Pfr. *H. testa perforata, tenui, radiatim striatula et plerumque superne spiraliter hinc inde leviter sulcata, diaphana, nitida, coloribus varia; spira brevissime elevata, obtuse conoidea; anfractibus $4\frac{1}{2}$ convexiusculis, rapide accrescentibus, ultimo depresso, periphæria obsolete angulato, basi convexiore; apertura permagna, obliqua, multo latiore quam alta, truncato-ovali; peristomate simplice, recto, margine supero lente descendente, columellari arcuato, superne breviter reflexo.*

Diam. maj. 48, min. 41, alt. 23 mill.

Hab. in insulis Moluccis.

This species has been generally confounded with *H. vitrina*, L.

6. **HELIX IOTA**, Pfr. *H. testa perforata, subdepressa, tenui, confertim costata, haud nitente, corneo-lutescente, rufo-maculata et reticulata; spira breviter conoidea, acutiuscula; anfractibus 5 convexiusculis, sensim accrescentibus, ultimo non descendente, rotundato; apertura parum obliqua, rotundato-lunari; peristomate simplice, recto, marginibus distantibus, columellari arcuatim ascendente, superne subdilatato, patente.*

Diam. maj. 4, min. $3\frac{2}{3}$, alt. $2\frac{1}{2}$ mill.

Hab. in Nova Seelandia.

7. **HELIX LAMBDA**, Pfr. *H. testa umbilicata, subconoideo-depressa, tenui, sublævigata, striis spiralibus interdum sculpta, parum nitida, diaphana, fulva, castaneo maculata; spira subconoidea, obtusula; anfractibus 5 convexiusculis, ultimo non descendente, periphæria obsolete angulato, basi convexo; umbilico mediocri, conico; apertura obliqua, lunato-rotundata, intus nitida; peristomate simplice, recto, marginibus conniventibus, columellari superne subdilatato, patente.*

Diam. maj. 13, min. 11, alt. 7 mill.

Hab. in Nova Seelandia.

8. **HELIX EPSILON**, Pfr. *H. testa umbilicata, depressa, tenui, superne oblique et confertim plicata, pallide cornea; spira convexiuscula; anfractibus $3\frac{1}{2}$ convexiusculis, ultimo non descendente, basi sublævigato; umbilico angusto, pervio; apertura parum obliqua, rotundato-lunari; peristomate simplice, recto, marginibus conniventibus.*

Diam. maj. $1\frac{3}{4}$, min. $1\frac{1}{2}$, alt. $\frac{2}{3}$ mill.

Hab. in Nova Seelandia.

9. **HELIX GAMMA**, Pfr. *H. testa umbilicata, depressa, tenuiuscula, confertissime costulato-striata, diaphana, pallide cornea, rufulo-nebulata; spira vix convexiuscula; sutura impressa; anfractibus 5 convexiusculis, lente crescentibus, ultimo non descendente, subto convexo; umbilico latiusculo, conico; apertura subverticali, rotundato-lunari; peristomate simplice, recto, marginibus subconniventibus, regulariter arcuatis.*

Diam. 3, alt. $1\frac{1}{3}$ mill.

Hab. in Nova Seelandia.

10. **HELIX ETA**, Pfr. *H. testa umbilicata, depressa, subtiliter costulato-striata, sericea, cerea; spira planiuscula; sutura impressa; anfractibus 4 vix convexiusculis, ultimo latiore, non descendente, depresso; umbilico latiusculo, perspectivo; apertura parum obliqua, lunato-subcirculari; peristomate simplice, recto, marginibus conniventibus.*

Diam. 3, alt. $1\frac{1}{3}$ mill.

Hab. in Nova Seelandia.

11. **HELIX ZETA**, Pfr. *H. testa latissime umbilicata, depressa, subdiscoidea, solidiuscula, subconfertim valide plicata, non nitente, pallide flavescente, maculis magnis castaneis tessellata; spira plana, medio subimmersa; sutura profunda; anfractibus $5\frac{1}{2}$ angustissimis, convexis, turgidulis, ultimo descendente, tertiussculo, subtus plicis subtilioribus munito; apertura parum obliqua, parvula, lunato-circulari; peristomate simplice, recto, marginibus conniventibus.*
 Diam. $3\frac{2}{3}$, alt. $1\frac{1}{2}$ mill.
Hab. in Nova Seelandia.
12. **HELIX ALPHA**, Pfr. *H. testa umbilicata, conica, carinata, oblique striatula et distanter lamellato-costata, strigis brunneis et luteis variegata; spira convexiusculo-conica, apice obtusula; anfractibus $5\frac{1}{2}$ vix convexiusculis, ultimo non descendente, acute dentato-carinato, basi plano, ad umbilicum medio-crem pervium subangulato; apertura diagonali, subsecuriformi; peristomate simplice, recto, margine supero brevi, basali arcuato, ad columellam subverticaliter ascendente.*
 Diam. maj. $4\frac{1}{3}$, min. 4, alt. 3 mill.
Hab. in Nova Seelandia.
13. **HELIX BETA**, Pfr. *H. testa umbilicata, trochiformi, carinata, tenui, arcuatim valide plicata, fulva, castaneo late maculata; spira elevata, convexo-conica, acutiuscula; sutura marginata; anfractibus 7 angustis, planiusculis, ultimo subrecedente, non descendente, ad carinam ciliato, basi vix convexiusculo; umbilico angusto; apertura obliqua, angulato-lunari; peristomate simplice, recto, margine basali regulariter arcuato.*
 Diam. et alt. $3\frac{1}{2}$ mill.
Hab. — ?
14. **HELIX KAPPA**, Pfr. *H. testa umbilicata, depressa, confertim capillaceo-costata, non nitida, cornea, rufo obsolete variegata; spira brevissima, convexiuscula; sutura impressa; anfractibus 5 convexiusculis, sensim accrescentibus, ultimo non descendente, rotundato; umbilico angusto, pervio; apertura verticali, depressa, lunari; peristomate subsimplice, marginibus remotis, dextro recto, basali breviter reflexo, columellari oblique ascendente.*
 Diam. maj. $5\frac{1}{3}$, min. 5, alt. 3 mill.
Hab. in Nova Seelandia.
15. **BULIMUS CARDINALIS**, Pfr. *B. testa subperforata, ovata, solida, præter strias incrementi lineis impressis confertissimis longitudinalibus, spiralibus et obliquis sculpta, olivaceo-castanea, nitida, lineis undulatis rufis superne, maculisque nigricantibus sparsis ornata; spira inflato-conica, obtusula; anfractibus 4 convexis, ultimo $\frac{4}{4}$ longitudinis æquante, inflato, basi subcompresso; columella fere verticali, superne subplicata; apertura parum obliqua, ovali; peristomate lilaceo, margini-*

bus callo crassiusculo junctis, dextro expanso-reflexo, columellari dilatato-patente.

Long. 50, diam. 28 mill.

Hab. Quito.

16. *BULIMUS AULACOSTYLUS*, Pfr. *B. testa umbilicata, acuminato-ovata, tenuiuscula, subtiliter striata et submalleata, vix nitente, quasi pruinosa, diaphana, rufa vel fulva, maculis castaneis irregulariter aspersa; spira brevi, convexo-conica, acutiuscula; anfractibus 5 parum convexis, ultimo $\frac{2}{5}$ longitudinis subæquante, basi rotundato; columella compresso-plicata, sulco profundo, arcuatim ascendente ab anfractu penultimo sejuncta; apertura parum obliqua, oblongo-ovali, intus margaritacea; peristomate fusco-purpureo, undique breviter expanso, reflexiusculo, margine dextro levissime arcuato, columellari dilatato, patente.*

Long. 37, diam. 18 mill.

Hab. in insula St. Lucia Indiæ occidentalis (*Hartwig*).

17. *BULIMUS PERVARIABILIS*, Pfr. *B. testa umbilicata, ovato-conica, tenuiuscula, subtilissime decussatula, lutescenti-albida, plerumque fasciis 5 subinterruptis ornata; spira conica, acuta; anfractibus $6\frac{1}{2}$ vix convexiusculis, ultimo spiram paulo superante, basi subinflato; columella leviter arcuata; apertura vix obliqua, ovali-oblonga; peristomate simplice, albo vel lutescente, expanso, margine columellari fornicatim dilatato, patente.*

Long. 33, diam. $14\frac{1}{2}$ mill.

β . *Gracilior, rubellus, fusco-substrigatus, B. roseato Reeve similis, sed late umbilicatus.*

Hab. in Columbia.

18. *BULIMUS MERCURIUS*, Pfr. *B. testa perforata, ovato-conica, solida, nitida (sub lente minutissime decussatula), fulvido-alba, fasciis latis castaneis ornata; spira turrito-conica, acutiuscula; anfractibus $6\frac{1}{2}$ vix convexiusculis, ultimo $\frac{3}{4}$ longitudinis subæquante, basi rotundato; columella substricta; apertura parum obliqua, truncato-ovali; peristomate simplice, breviter expanso, margine columellari fornicato-reflexo.*

Long. 36, diam. 18 mill.

Hab. — ?

19. *BULIMUS LOXOSTOMUS*, Pfr. *B. testa imperforata, oblonga, solida, irregulariter striata et confertim malleata, sub epidermide virenti-castanea fulva, rufo undulatum strigata et maculata; spira convexo-conica, obtusiuscula; sutura submarginata; anfractibus $5\frac{1}{2}$ convexiusculis, ultimo spira paulo brevior; columella arcuata, superne subplicata, pallide aurantiaca; apertura obliqua, ovali; peristomate recto, incrassato.*

Long. 71, diam. 34 mill.

Hab. in Andibus Novæ Granadæ.

20. *BULIMUS ACUS*, Pfr. *B. testa minima, subimperforata, aciculari, sub lente plicato-striata, hyalina; spira subulata, apice obtusiuscula; anfractibus 7-8 convexis, ultimo $\frac{1}{4}$ longitudinis non æquante, basi rotundato; columella subplicata; apertura parum obliqua, oblonga; peristomate simplice, recto, margine columellari brevissime reflexo.*

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

Hab. prope Sevilla Hispaniæ.

21. *BULIMUS PLANOSPIRUS*, Pfr. *B. testa imperforata, turrita, solida, confertim ruguloso-striata, lineis impressis obsolete decussatula, sub epidermide decidua, fulvescente, alabastrino-albida; spira elongata, apice in conum obtusulum terminata; sutura impressa; anfractibus 13 subplanis, ultimo $\frac{1}{5}$ longitudinis subæquante, infra medium obsolete angulato; columella strictiuscula, callosa; apertura obliqua, truncato-oblonga; peristomate simplice, recto.*

Long. 84, diam. 17 mill.

Hab. — ?

22. *BULIMUS SUBFASCIATUS*, Pfr. *B. testa subperforata, oblongo-ovata, solidula, longitudinaliter rugoso-striata et irregulariter decussato-granulata, fulvida, fasciis 2-3 fuscis obsolete cincta; spira convexo-conica, apice obtusa; anfractibus 6 convexiusculis, ultimo spiram æquante, basi rotundato; columella verticali; apertura subverticali, oblonga, intus alba, nitida; peristomate recto, subincrassato, margine dextro superne repando, columellari superne dilatato, albo, reflexo, fere adnato.*

Long. 32, diam. 14 mill.

Hab. in monte Anthisana reipublicæ Æquatoris (Bourcier).

23. *BULIMUS NUCULA*, Pfr. *B. testa anguste umbilicata, ovato-conica, solidiuscula, subtilissime ruguloso-striata, fusco-cornea, plerumque pallide uni-cingulata; spira convexo-conica, acuta; anfractibus $6\frac{1}{2}$ vix convexiusculis, ultimo spira paulo brevior, basi compressiusculo; columella stricta, basi oblique subtruncata; apertura parum obliqua, subsemiovali, basi angulata; peristomate simplice, recto, margine dextro superne perarcurato, columellari reflexo, patente.*

Long. $11\frac{1}{2}$, diam. 6 mill.

Hab. in insulis Gallapagos.

24. *BULIMUS HEBRAICUS*, Pfr. *B. testa rimato-perforata, oblongo-turrita, solida, nitidula, carnea, strigis saturatoribus picta; spira elongata, acutiuscula; anfractibus 7 planiusculis, supremis subtilissime pliculato-striatis, maculis corneis irregularibus inscriptis, ultimo $\frac{3}{4}$ longitudinis subæquante, basi rotundato; columella vix plicata, parum recedente; apertura parum obliqua, ovali; peristomate recto, intus labiato, margine columellari dilatato, plano, patente.*

Long. 29, diam. $12\frac{1}{2}$ mill.

Hab. — ?

25. *BULIMUS BARBADENSIS*, Pfr. *B. testa subperforata, ovato-conica, solidiuscula, ruguloso-striata et obsolete granulata, fusco-cornea; spira conica, acutiuscula; anfractibus 6 vix convexiusculis, ultimo ventrosiore, spiram subaequante; columella vix arcuata; apertura parum obliqua, oblonga; peristomate simplice, recto, margine columellari sursum dilatato, reflexo, subappresso.*

Long. 21, diam. 10 mill.

Hab. in insula Barbados.

26. *CYCLOSTOMA Plicōsum (OMPHALOTROPIS)*, Pfr. *C. testa perforata, ovato-conica, tenui, longitudinaliter confertim plicata, sericea, rubello-cornea; spira conica, acuta; anfractibus 5 convexiusculis, ad suturam crenulatis, ultimo spiram subaequante, rotundato, circa perforationem angustam compresse subcarinato; apertura vix obliqua, ovali; peristomate simplice, recto, marginibus approximatis, columellari reflexiusculo.*

Long. 6, diam. 4 mill.

Hab. — ?

27. *CYCLOSTOMA? PATERA*, Pfr. *C. testa latissime umbilicata, solidula, discoidea, liris latis granulatis, interpositis linearibus sculpta, epidermide olivaceo-fusca obducta; spira plana; sutura subcanaliculata; anfractibus $4\frac{1}{2}$ planulatis, ultimo medio carina filiformi munita, basi convexo, circa umbilicum pteræformem subangulato; apertura verticali, subangulato-rotundata; peristomate simplice, recto, marginibus approximatis.*

Diam. maj. 10, min. 8, alt. $2\frac{1}{2}$ mill.—Operculum ?

Hab. — ?

Solarii quasi faciem offert; an revera Cyclostomaceis adnumerandum ?

28. *CYCLOSTOMA QUITENSE (CYCLOTUS)*, Pfr. *C. testa umbilicata, depressa, solida, superne striatula, nitida, suturate castanea; spira brevi, conoideo-elevata; sutura profunda; anfractibus $4\frac{1}{2}$ convexis, rapide accrescentibus, ultimo ad suturam depresso, rugata, periphæria cingulo angusto lutescente et fascia lata nigricante ornato, basi fusco-virente, circa umbilicum infundibuliformem confertim radiato-plicato; apertura parum obliqua, irregulariter ovali, dextrorsum producta, intus lirescente; peristomate recto, subincrassato, continuo, marginibus superne angulatim junctis, sinistro ad anfractum penultimum breviter appresso.*

Diam. maj. 37, min. 27, alt. 15 mill.—Operculum Cycloti.

Hab. Quito.

29. *CYCLOSTOMA APPENDICULATUM (CYCLOPHORUS)*, Pfr. *C. testa umbilicata, depressa, solida, lineis spiralibus elevatis, confertis (4-5 paulo majoribus) sculpta, albida, fusculo-marmorata, prope suturam canaliculatam maculis magnis, subquadrangularibus, castaneis et supra periphæriam subcarinatam, castaneo-articulatam fascia pallida signata; spira brevissime conoidea, apice cornea, obtusula; anfractibus $4\frac{1}{2}$ rapide accrescentibus, ultimo ad suturam*

late depresso; umbilico magno, perspectivo; apertura obliqua, circulari; peristomate continuo, breviter adnato, albo, undique æqualiter expanso, margine sinistro in appendicem linguæformem, patentem dilatato.

Diam. maj. 34, min. 27, alt. 15 mill.

Hab. in insulis Philippinis.

30. *CYCLOSTOMA IBYATENSE* (CYCLOPHORUS), Pfr. *C. testa umbilicata, turbinato-depressa, solida, lævigata, subtiliter striatula, nitida, castanea, albido maculata et fasciata; spira turbinata, vertice acutiusculo, corneo; anfractibus 5 modice convexis, ultimo ad suturam subdepresso, maculis magnis subquadratis vel triangularibus albis picto, periphæria obsolete angulato, circa umbilicum mediocrem, infundibuliformem albo; apertura parum obliqua, subcirculari; peristomate subincrassato, expansiusculo, marginibus approximatis, callo continuo junctis.*

Diam. maj. 23, min. 18, alt. 14 mill.

Hab. in insula Ibyat "Bashee group."

31. *CYCLOSTOMA AMÆNUM* (CYCLOPHORUS), Pfr. *C. testa umbilicata, depresso-turbinata, solida, lævigata, alba, lineis castaneo-fulvis crebris, maculis sagittiformibus interruptis amœnissime picta; spira conoidea, obtusa; anfractibus 4½ modice convexis, ultimo superne turgido, periphæria carina subcompressa et infra eam fascia saturatiore signato, basi convexo, circa umbilicum angustum, infundibuliformem albo; apertura parum obliqua, subcirculari; peristomate duplice, interno continuo, stricte, porrecto, externo crasso, patente, ad anfractum penultimum vix exciso.*

Diam. maj. 30, min. 24, alt. 18 mill.

Hab. —?

32. *CYCLOSTOMA PICTURATUM* (CYCLOPHORUS), Pfr. *C. testa umbilicata, turbinato-depressa, solida, sublævigata, albida, strigis et flammis reticulatis castaneis picta; spira breviter conoidea, obtusa; anfractibus 4½ modice convexis, ultimo superne costis nonnullis obtusis spiraliter munito, infra periphæriam rotundatam fascia serrata ornato, circa umbilicum mediocrem, profundum albo; apertura parum obliqua, subcirculari; peristomate subsimplice, crasso, longe protracto, continuo, breviter adnato, margine sinistro dilatato, patente.*

Diam. maj. 29, min. 23, alt. 16 mill.

Hab. —?

33. *CYCLOSTOMA DENSELINEATUM* (CYCLOPHORUS), Pfr. *C. testa umbilicata, globoso-turbinata, solida, lineis spiralibus impressis et obliquis minutissime decussata, vix nitidula, pallide fulva, maculis et fasciis interruptis fuscis picta; spira turbinata, sursum nigricante, apice acuta; anfractibus 5, parum convexis, ultimo superne convexiore, infra medium obtuse carinato, basi planiusculo, circa umbilicum angustum, pervium pal-*

lido; apertura parum obliqua, subcirculari, transverse dilatata; peristomate incrassato, vix expanso, marginibus approximatis, callo junctis, columellari reflexiusculo.

Diam. maj. $23\frac{1}{2}$, min. 20, alt. 16 mill.

Hab. — ?

34. *CYCLOSTOMA LURIDUM (CYCLOPHORUS)*, Pfr. *C. testa umbilicata, depresso-turbinata, tenuiuscula, confertim spiraliter striata et costis sub-5 obtusis superne munita, nitida, fusco-fulvida; spira turbinata, apice livida, acutiuscula; anfractibus 5, modice convexis, ultimo ad peripheriam obtuse angulato et albofasciato, basi pallidiore, obsolete fasciato; umbilico angusto, pervio; apertura magna, parum obliqua, subangulato-circulari; peristomate simplice, tenui, marginibus disjunctis, dextro breviter expanso, sinistro subdilato, fornicato-patente.*

Diam. maj. 27, min. 23, alt. 19 mill.

Hab. — ?

35. *CYCLOSTOMA FULGURATUM (CYCLOPHORUS)*, Pfr. *C. testa umbilicata, depresso-turbinata, solida, oblique striatula, sub lente confertissime decussata, alba, strigis fulguratis, castaneis superne elegantissime picta; spira turbinata, apice obtusula, cornea; anfractibus 5, convexis, ultimo rotundato, ad peripheriam fascia alba et infra eam, nigricanti-castanea ornato, circa umbilicum angustum, vix pervium albo; apertura parum obliqua, subcirculari, intus livescente, nitida; peristomate simplice, fulvido, interrupto, marginibus callo tenui junctis, dextro et basali æqualiter expansis, columellari supra umbilicum dilatato, patente.*

Diam. maj. 29, min. 23, alt. 19 mill.

Hab. — ?

36. *CYCLOSTOMA BORNII (LICINA?)*, Pfr. *C. testa umbilicata, oblongo-turrita, solida, spiraliter confertim striata, lineis longitudinalibus distantioribus granulato-decussata, nitida, luteo-albida, strigis angustis, fulguratis, rufis ornata; spira convexo-turrita, breviter truncata; sutura subcanaliculata, crenulata; anfractibus $4\frac{1}{2}$, perconvexis, ultimo terete; umbilico infundibuliformi, subpervio; apertura parum obliqua, oblongo-rotundata, parvula, intus alba; peristomate duplicato interno expanso, continuo, incumbente, externo anfractui penultimo breviter adnato, lateribus perdilato, concentricè striato.*

Long. 36, diam. 19 mill.

Hab. — ?

37. *CYCLOSTOMA MITE (CHOANOPOMA)*, Pfr. *C. testa umbilicata, turbinato-globosa, breviter truncata, liris obtusis spiralibus munita, costulis membranaceis confertissimis decussata, unicolore corneo-albida; spira convexa, brevi; anfractibus $3\frac{1}{2}$, convexis, ultimo terete, circa umbilicum mediocrem, pervium, distinctius spiraliter lirato; apertura verticali, circulari; peristomate duplice, interno vix porrecto, externo undique æqualiter dilatato,*

patente, obsolete undulato, concentrice striato, superne subangulato, ad anfractum penultimum submarginato.

Diam. maj. 13, min. 10, alt. 9 mill.

Hab. in insula Jamaica.

38. *CYCLOSTOMA VITELLINUM* (OTOPOMA?), Pfr. *C. testa umbilicata, globoso-conica, solida, striis incrementi confertis et liris confertissimis scabre decussata, flavido-rubella, pallidius irregulariter strigata; spira elevato-conica, apice nigrescente, obtusula; anfractibus 5, convexis, ultimo rotundato, infra medium sublævigato, in umbilico angusto, pervio, spiraliter sulcato, apertura vix obliqua, ovali-rotundata; peristomate simplice, marginibus approximatis, callo junctis, dextro subrependo, recto, sinistro medio dilatato, patente.*

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

Hab. in insula Madagascar.

39. *CYCLOSTOMA LIRATUM* (TROPIDOPHORA), Pfr. *C. testa late et perspective umbilicata, solidula, radiatim striata, superne et basi confertim et acute lirata, non nitida, livido-carnea; spira vix elevata, vertice papillari; sutura profunda; anfractibus 4 vix convexis, ultimo ad suturam depresso, ad peripheriam carinis 5-6, distantioribus, majoribus munito, antice descendente; apertura perobliqua, oblongo-circulari; peristomate duplice, interno continuo, obtuse prominente, externo dilatato, expanso-inflexo, latere sinistro angustissimo.*

Diam. maj. 18, min. $14\frac{1}{2}$, alt. 7-8 mill.

Hab. — ?

40. *CYCLOSTOMA KRAUSSIANUM* (TROPIDOPHORA), Pfr. *C. testa umbilicata, globoso-conica, solidula, striatula, liris cariniformibus permultis, alternis minoribus sculpta, opaca, livido-cinerea, obsolete subfasciata; spira turbinata, acutiuscula; anfractibus 5, convexis, ultimo peripheria distinctius carinato, basi parum convexo; umbilico mediocri, pervio; apertura parum obliqua, intus fulvo-cinerea; peristomate albo, tenui, undique expanso, ad anfractum penultimum breviter interrupto.*

Diam. maj. $14\frac{1}{2}$, min. 12, alt. 12 mill.

Hab. Cape Natal.

41. *CYCLOSTOMA INSULARE* (CYCLOSTOMUS?), Pfr. *C. testa perforata, globoso-conica, solidiuscula, spiraliter et obtuse crebrilirata, lineis confertissimis longitudinalibus subscabra, non nitente, sordide albida, fasciis nonnullis pallide violaceis picta; spira breviter turbinata, obtusula; anfractibus 5, convexis, ad suturam minutissime crenulatis, ultimo basi liris elevatioribus sculpto; apertura vix obliqua, subangulato-circulari; peristomate tenui, undique expanso, reflexiusculo, marginibus approximatis, callo submarginato junctis, supero repando, sinistro angustiori.*

Diam. maj. 17, min. $13\frac{1}{2}$, alt. $13\frac{1}{2}$ mill.

Hab. Isle de France.

42. *CYCLOSTOMA CAROLINENSE* (*CYCLOSTOMUS?*), Pfr. *C. testa umbilicata, turrito-conica, tenuiuscula, superne leviter et confer-tim spiraliter lirata, nitidula, alba; spira elongata, apice obtusula; anfractibus 6, convexis, ultimo rotundato, infra medium lævigato; umbilico angusto, non pervio; apertura vix obliqua, subcirculari; peristomate simplice, acuto, marginibus approxi-matis, dextro recto, columellari medio dilatato, subreflexo.*

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

Hab. in insulis Carolinis.

43. *CYCLOSTOMA SUBLIRATUM* (*CYCLOSTOMUS?*), Pfr. *C. testa angustissime umbilicata, globoso-conica, tenui, spiraliter lirata, haud nitente, pallide rubello-cornea; spira elevato-turbinata, apice obtusula; anfractibus 5, convexis, ultimo rotundato, obso-letius lirato; apertura parum obliqua, oblongato-rotunda; pe-ristomate simplice, tenui, vix expansiusculo, marginibus fere contiguïs, callo junctis.*

Diam. maj. 10, min. 8, alt. 9 mill.

Hab. — ?

44. *CYCLOSTOMA LINEATUM* (*CYCLOSTOMUS?*), Pfr. *C. testa umbilicata, globoso-conica, tenuiuscula, lævigata, diaphana, ni-tidula, fulva, lineis castaneis, alternis subtilioribus, subinter-ruptis, picta; spira turbinata, acutiuscula; anfractibus 5½, con-vexis, ultimo rotundato, infra peripheriam fascia latiore ornato, in umbilico angusto, vix pervio spiraliter confertim sulcato; apertura vix obliqua, subangulato-circulari; peristomate sim-plice, recto, albo, marginibus approximatis, callo submarginato junctis.*

Diam. maj. 15, min. 13, alt. 13 mill.

Hab. — ?

45. *CYCLOSTOMA SACCATUM* (*CYCLOSTOMUS?*), Pfr. *C. testa profunde rimata, vix perforata, ovato-oblonga, breviter trun-cata, tenui, longitudinaliter confertim filoso-costata, diaphana, pallide cornea, maculis castaneis seriatis ornata; sutura pro-funda, sub lente spinulosa; anfractibus 3½, convexis, ultimo an-tice subascendente, breviter soluto, basi saccato; apertura sub-circulari, basi axin excedente; peristomate simplice, continuo, vix expansiusculo.—Operc.?*

Long. 12, diam. 8 mill.

Hab. — ?

46. *CYCLOSTOMA FALLAX* (*CISTULA?*), Pfr. *C. testa rimata, oblongo-turrita, truncata, tenui, spiraliter obtuse lirata, lineis longitudinalibus confertioribus (octava vel decima quavis sub lente validioribus) decussata, non scabra, vix nitidula, albida, lineis flexuosis, interruptis, fulvis picta; spira subconvexo-tur-rita; anfractibus 4-4½, convexiusculis, ultimo rotundato, infra medium fascia fulva ornato, antice longe soluto, circa rimam umbilicalem vix spiraliter sulcato; apertura subverticali, ovali;*

peristomate albo, duplici: interno expansiusculo, incumbente, externo brevi, undique subæqualiter patente, superne angulato.—Operc.?

Long. 24, diam. $6\frac{1}{2}$ mill.

Hab. —?

47. *CYCLOSTOMA JUCUNDUM (CHONDROPOMA ?)*, Pfr. *C. testa rimata, oblongo-turrita, tenui, lineis spiralibus et longitudinalibus chordæformibus anguste reticulata, subscabra, vix nitidula, aurantio-rubicunda; spira turrita, vix truncatula; sutura confertim denticulata; anfractibus 6–7, modice convexis, sensim accrescentibus, ultimo circa perforationem liris nonnullis validioribus munito; apertura parum obliqua, irregulariter ovali, intus concolore, nitida; peristomate duplici: interno expansiusculo, incumbente, latere sinistro levissime arcuato; externo continuo, horizontaliter patente, anfractui penultimo breviter adnato, infra perforationem angustato.—Operc.?*

Long. 18, diam. $8\frac{1}{2}$ mill.

Hab. —?

48. *CYCLOSTOMA ROSTRATUM*, Pfr. *C. testa perforata, ovato-turrita, truncata, tenui, longitudinaliter confertim filoso-plicata (plicis singulis irregulariter positis validioribus, interstitiis subtiliter decussatis), corneo-albida, lineolis longitudinalibus undulatis fuscis picta; sutura levi, denticulata; anfractibus superstitibus $4\frac{1}{2}$, parum convexis, ultimo antice breviter soluto; apertura verticali, angulato-ovali; peristomate duplici: interno continuo, expansiusculo, externo dilatato, juxta anfractum penultimum subexciso, superne in auriculam recurvatam producto, cæterum rectangule patente.—Operc.?*

Long. 18, diam. $8\frac{2}{3}$ mill.

Hab. —?

49. *ACHATINA GRANULATA*, Pfr. *A. testa fusiformi-ovata, tenui, longitudinaliter confertim rugulosa, lineis impressis spiralibus distincte granulata, fulva, strigis castaneis undatis et angulatis picta; spira conica, obtusa; sutura levi, ruditer crenulata; anfractibus $7\frac{1}{2}$, convexiusculis, ultimo spiram paullo superante, infra medium remotius spiraliter sulcato; columella perarcuata, tenui, basi abrupte truncata; apertura parum obliqua, ovali, intus cærulescente; peristomate simplice, recto, fusco-limbato.*

Long. 105, diam. 49 mill.

Hab. Natal Africæ meridionalis.

50. *ACHATINA FULIGINEA*, Pfr. *A. testa ovato-turrita, solida, ruditer striata, nitida, nigricanti-fuliginea; spira turrita, apice acuta; anfractibus $6\frac{1}{2}$, convexis, ultimo $\frac{2}{3}$ longitudinis subæquante, infra medium obsoletissime angulato; columella arcuata, ad basin verticaliter truncata; apertura parum obliqua, subrhombico-ovali; peristomate simplice, acuto.*

Long. 36, diam. 16 mill.

Hab. —?

51. *ACHATINA CONSPERSA*, Pfr. *A. testa subfusiformi-oblonga, tenuiuscula, longitudinaliter striata, striis transversis basin versus obsoletioribus decussata, nitida, fusca, maculis albidis conspersa; spira elongato-conica, apice obtusula; sutura dentibus validis, albidis crenata; anfractibus 6, vix convexiusculis, ultimo spira paulo brevior, basi subattenuato; columella substriata, supra basin aperturae fere verticali, sinuato-semiovali late et abrupte truncata; peristomate simplice, acuto.*

Long. 60, diam. 23 mill.

Hab. — ?

52. *ACHATINA FUSCA*, Pfr. *A. testa oblongo-turrita, tenui, confertissime capillaceo-striata (striis singulis validioribus, variciformibus), sericina, fusca; spira vix curvilineari, apice obtusa; sutura marginata, subtilissime denticulata; anfractibus 7, convexis, ultimo $\frac{3}{7}$ longitudinis æquante, basi rotundato; columella albo-callosa, leviter arcuata, abrupte breviter truncata; apertura verticali, sinuato-semiovali; peristomate simplice, recto.*

Long. 22, diam. 9 mill.

Hab. — ?

53. *BULIMUS MARCIDUS*, Pfr. *B. testa subperforata, ovato-oblonga, tenuissima, striatula, lineis impressis concentricis decussata, vix nitida, pellucida, sordide cornea; spira oblongo-conica, obtusiuscula; anfractibus 6, vix convexis, ultimo spiram æquante, basi subattenuato; columella superne recedente, tum verticali; apertura obliqua, ovali; peristomate simplice, vix expansiusculo, margine columellari reflexiusculo, subappresso.*

Long. 20, diam. 8 mill.

Hab. in Brasilia.

54. *BULIMUS DENTICULATUS*, Pfr. *B. testa sinistrorsa, rimata, cylindraneo-turrita, solidula, oblique striatula, oleoso-micante, cornea; spira elongata, sursum attenuata, acutiuscula; anfractibus 10, angustis, convexiusculis, ultimo $\frac{2}{7}$ longitudinis æquante, basi subcristato; apertura obliqua, semiovali, denticulis 4 munita: 1 juxta insertionem marginis sinistri, 1 profundo parietali, 1 ad basin columellae arcuato-callosae, quarto in margine externo; peristomate albo-callosa reflexiusculo.*

Long. 7, diam. $2\frac{1}{3}$ mill.

Hab. Harmanjiæ.

55. *BALEA NEWCOMBI*, Pfr. *B. testa sinistrorsa, brevissime rimata, turrita, tenui, striatula, nitida, pellucida, pallide cornea, fascia 1 rufa ornata; spira elongata, acuta; anfractibus 7, planiusculis, ultimo $\frac{1}{3}$ longitudinis subæquante, ad parietem aperturalem lamella obliqua munito, basi rotundato; columella subtorto-plicata; apertura obliqua, semiovali; peristomate tenui, expansiusculo, margine columellari superne dilatato, reflexo.*

Long. 7, diam. 3 mill.

Hab. in insulis Sandwich (*Newcomb*).

56. *TORNATELLINA ACHATINOIDES*, Pfr. *T. oblonga, subcylindracea, solidula, levigata, pallide cornea; spira elongata, sursum attenuata, acutiuscula; sutura submarginata; anfractibus 7, planiusculis, ultimo $\frac{2}{5}$ longitudinis æquante; lamella parietali parvula, profunda; columella bituberculata, subtruncata; apertura subverticali, rhombeo-semiovali; peristomate simplice, obtuso.*

Long. 12, diam. 4 mill.

Hab. in insulis Gambier.

57. *CYLINDRELLA CARINATA*, Pfr. *C. testa vix rimata, subcylindracea, sursum attenuata, truncata, oblique striata, sericina, carneo-fulvida; anfractibus superstitibus 12, planiusculis, ultimo breviter soluto, basi compresse carinato; apertura obliqua, ovali, basi angulata; peristomate undique breviter expanso.*

Long. 22, diam. 4 mill.

Hab. — ?

58. *CYLINDRELLA ZEBRINA*, Pfr. *C. testa subrimata, fusiformi-oblonga, truncata, solida, striatula, nitida, albida, strigis spadiceis irregulariter picta; anfractibus superstitibus 8, vix convexiusculis, ultimo distincte costulato-striato, basi compresso-carinato, pone aperturam nigro-cingulato; apertura vix obliqua, ovali, basi canaliculata; peristomate expanso, tenui, albo, marginibus non contiguus, dextro subrepando.*

Long. 21, diam. 6 mill.

Hab. in insula Jamaica.

59. *CYLINDRELLA BLANDIANA*, Pfr. *C. testa brevissime rimata, oblongo-turrita, truncata, solida, undique oblique costulato-striata, nitida, saturate castanea, apice nigricante; anfractibus superstitibus 8, convexiusculis, ultimo nigricante, late albo-fasciato, basi leviter carinato; apertura vix obliqua, lunari-rotundata; peristomate crasso, expanso, margine dextro superne repando, columellari superne noduloso.*

Long. 19, diam. 7 mill.

β. Robustior, virenti-albida, peristomate albo.

Hab. in Jamaica.

60. *PUPA CUMINGIANA*, Pfr. *P. testa profunde rimata, ovato-oblonga, solidula, irregulariter filoso-striata, alba, maculis fusco-corneis superne subtessellata; spiru convexa, sursum sensim attenuata, apice corneo acutiuscula; sutura lineari; anfractibus 9, subplanis, ultimo $\frac{1}{3}$ longitudinis paulo superante, antice ascendente, basi juxta rimam subcompressa; columella profunde dentato-plicata; pariete aperturali plica mediocri intrante munito; apertura verticali, truncato-ovalis; peristomate calloso, undique breviter expanso, marginibus conniventibus, callo tenui junctis, dextro arcuato, columellari subdilato.*

Long. 17, diam. $7\frac{1}{2}$ mill.

Hab. — ?

61. PUPA KÜSTERI, Pfr. *P. testa profunde et breviter rimata, ovato-conica, solida, plicis subconfertis longitudinalibus, ad suturam incrassatis, regulariter munita, albida, pallide corneo-strigata et marmorata; spira medio turgida, tum in conum obtusulum regulariter attenuata; anfractibus $8\frac{1}{2}$, planiusculis, ultimo $\frac{2}{5}$ longitudinis subæquante antice subascendente, basi vix compressiusculo; apertura vix obliqua, semiovali, plica parietali et columellari profunde coarctata; peristomate incrassato, breviter expanso, marginibus callo tenui junctis.*

Long. 12, diam. supra medium 6 mill.

Hab. — ?

62. PUPA NEWCOMBI, Pfr. *P. testa subperforata, ovata, tenui, longitudinaliter costata, haud nitente, diaphana, saturate fusca; spira inflata, apice acutiuscula; anfractibus 4, convexis, ultimo $\frac{2}{5}$ longitudinis subæquante, basi rotundato; apertura obliqua, semicirculari; peristomate tenui, vix expansiusculo, margine columellari subreflexo.*

Long. 2, diam. 1 mill.

Hab. in insulis Sandwich (Newcomb).

63. PUPA OBLONGA, Pfr. *P. testa subperforata, oblonga, tenui, sublævigata, parum nitida, pellucida, corneo-lutescente; spira convexa, sursum sensim attenuata, apice obtusula; anfractibus $5\frac{1}{2}$, convexis, ultimo $\frac{1}{3}$ longitudinis vix æquante, basi rotundato; columella obsolete plicata; apertura obliqua, truncato-ovali; pariete aperturali plica unica dentiformi munito; peristomate tenui, margine dextro superne valde curvato, expansiusculo, columellari subdilato, patente.*

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

Hab. — ?

64. PUPA BARBADENSIS, Pfr. *P. testa subperforata, ovato-oblonga, tenui, sublævigata, pellucida, lutescenti-hyalina; spira convexiuscula, sensim attenuata, apice obtusula; anfractibus $5\frac{1}{2}$, rotundatis, ultimo $\frac{1}{3}$ longitudinis vix æquante; pariete aperturali plica valida, subangulari munito; columella profunde dentatoplicata; apertura obliqua, lunato-rotundata; peristomate simplice, expansiusculo, margine basali intus denticulo unico armato.*

Long. $2\frac{3}{4}$, diam. $\frac{3}{4}$ mill.

Hab. in insula Barbadoes.

65. PUPA STRANGEI, Pfr. *P. testa sinistrorsa, rimata, oblongo-conica, striatula, nitida, hyalina; spira convexo-turrita, apice acutiuscula; anfractibus 5, convexiusculis, ultimo $\frac{2}{5}$ longitudinis subæquante, antice costato, basi subgibboso-compresso; apertura subverticali, magna, truncato-ovali, sub-7-dentata; plicis 2, approximatis, in pariete aperturali, 2 in columella, dentibus 3, profundis, in margine externo et basali; peristomate albo-callosa, undique expanso.*

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

Hab. Gordon Island, Port Jackson (Strange).

66. PUPA CONOIDEA, Newcomb MSS. *P. testa perforata, globoso-conica, tenui, striatula, diaphana, parum nitida, fusca; spira conoidea, apice obtusa; anfractibus 4½, convexis, ultimo ⅓ longitudinis æquante, basi rotundato; apertura parum obliqua, semicirculari, edentula; peristomate simplice, expansiusculo, margine columnellari subdilatato, patente.*

Long. 1½, diam. 1 mill.

Hab. in Demerara (Newcomb).

3. ON A NEW SPECIES OF SUTHORA FROM CHINA.

BY G. R. GRAY, F.L.S., F.Z.S. ETC.

SUTHORA WEBBIANA. (Aves, Pl. XLIX.)

Crown of the head and back of the neck sandy red, passing into the olive tint of the back and upper surface generally; tail of the same colour, but of a shade darker than the back; primaries strongly edged with bright rufous; throat and breast light buff, washed with a rosy tint; abdomen inclined to olive; bill light brown, washed with rosy pink; legs either yellow or fleshy white.

Hab. China (Shang Hai).

A single specimen, collected by Mr. Webb, was presented by that gentleman to the British Museum. It is much larger than *S. nipalensis* and *fulvifrons*, and is figured of the natural size in the plate.

March 23, 1852.

Professor Owen, F.R.S., Vice-President, in the Chair.

Mr. Broderip communicated an account of a picture in his possession, which he exhibited, containing an original study of the Dodo from life, by Rolandt Savery*.

The following papers were read:—

1. ON THE SPECIES OF THE GENUS SERICINUS.

BY G. R. GRAY, F.L.S., F.Z.S. ETC.

In the Transactions of the Entomological Society of London for 1851 (p. 173), Mr. Westwood established a Lepidopterous genus under the name of *Sericinus*, which he founded on bad specimens of an insect sent from Shanghai by Mr. R. Fortune, and then supposed to comprise "both sexes" of the insect figured by Donovan in his 'Insects of China,' pl. 27. f. 1, under the appellation of *Papilio Telamon*, no specimen of which, as Mr. Westwood justly observed, was then known to exist "in any continental or British collections."

* A portion of this Picture will be engraved in the Transactions.