

PROCEEDINGS

OF THE

ZOOLOGICAL SOCIETY

OF LONDON.



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PART XXI.

1853.

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

## 2. DESCRIPTIONS OF TWO NEW SPECIES OF PTILONOPUS.

BY GEORGE ROBERT GRAY, F.L.S. &amp; F.Z.S.

(Aves, Pl. LIV. LV.)

## PTILONOPUS CHRYSOGASTER, G. R. Gray. (Pl. LIV.)

Crown purplish white, margined posteriorly with yellow; sides of the head, neck and breast greyish white, with the base of the feathers of the latter yellow; throat and cheeks pale yellow; abdomen and under tail-coverts bright yellow; sides of the former greyish white, tinged with yellow; back bronzy green; greater wing-coverts, tertials and secondaries bluish green, narrowly margined with yellow; quills dull black, with the outer web tinged with green; tail bronzy green, with a very broad apical margin of white, each feather margined with yellow.—Total length,  $8\frac{3}{4}$  inches.

*Hab.* —? Probably from Otaheite.

This species is closely allied to the *Pt. purpuratus* (*Columba purpurata*, Gmel., *C. oopa*, Wagl., *Pt. furcatus*, Peale), but it is easily distinguished by the yellow on the abdomen, &c.

## PTILONOPUS PURPUREOCINCTUS. (Pl. LV.)

Crown and base of lower mandible deep rosy purple, surrounded posteriorly with yellow; throat white; sides and behind the neck greenish grey; feathers of the upper part of the breast deep greyish green, with the end of each bifurcation white; lower part of the breast green, with a broad mark of deep purple; middle of the abdomen yellowish green, with the sides orange; vent pale yellow, with the sides green; under tail-coverts orange; back and lesser wing-coverts bronzy green; greater wing-coverts, secondaries and tertials bluish green, margined with yellow; quills green, narrowly margined with yellow; tail green tinged with yellow, with the apical portion broadly margined with white; tail-feathers tinged on the outer web with green, and all margined with yellow.—Total length, 9 inches.

It is unknown from whence this fine species was brought.

## 3. DESCRIPTIONS OF TWENTY-THREE NEW SPECIES OF LAND SHELLS, FROM THE COLLECTION OF H. CUMING, ESQ.

BY DR. L. PFEIFFER.

1. *HELIX MAXIMA*, Pfr. *H. testa perforata, subturbinato-depressa, solida, ponderosa, oblique irregulariter striata, superne fulva, fasciis variis luteis ornata; spira subturbinata, apice obtusula; sutura profunda; anfr. 6½ lente accrescentibus, superis planis, sequentibus regulariter convexis, ultimo medio carinato, basi modice convexo, nitido, castaneo; apertura parum obliqua, lunari, intus lactea; perist. simplice, recto, obtuso, marginibus distantibus, basali intus subincrassato, superne breviter dilatato, perforationem fere tegente.*

Diam. maj. 90, min. 77, alt. 42, mill.

*Hab.* Philippine Islands.



PTILONOPUS CHRYSOGASTER *G.R. Gray*  
2/3 NAT SIZE





W & W Gardner Imp<sup>r</sup>

PTILINOPUS PURPUREOCINCTUS. G. F. Gray  
2/3 NAT SIZE.



2. *HELIX OWENIANA*, Pfr. *H. testa perforata, turbinato-depressa, tenui, superne radiato-striatu, lineis confertissimis spiralibus decussata, hand nitente, fulva; spira breviter conoidea, obtusa; sutura marginata; anfr. 4½ sensim uccrescentibus, convexis, ultimo non descendente, peripheria pallide carinato et infra carinam fascia rufa notato, subtus corneo-virente, nitido, lineis impressis, spiralibus irregulariter insculpto; apertura fere diagonali, subrhombico-lunari, intus margaritacea; perist. simplice, recto, marginibus remotis, columellari declivi, calloso, superne sinuato, ad perforationem breviter dilatato, reflexo.*

Diam. maj. 32, min. 26½, alt. 17 mill.

*Hab.* Philippine Islands.

3. *HELIX BRIDWILLI*, Pfr. *H. testa imperforata, trochiformi, tenuiuscula, confertim striatula, nitidula, albida, maculis castaneis subseriatis ornata; spira regulariter conica, acutiuscula; sutura impressa; anfr. 6 planiusculis, ultimo vix descendente, ad basin planulatam, maculis majoribus subconfluentibus ornatam, carinato, antice tumido et subconstricto; apertura perobliqua, angusta, subtriangulari; perist. nigro, marginibus distantibus, dextro recto, basali inde a carina arcuato, tum substricto, dilatato, adnato.*

Diam. maj. 18½, min. 16, alt. 17 mill.

*Hab.* North Australia (Mr. Strange), Wide Bay (F. C. Bridwill).

4. *HELIX CIRCE*, Pfr. *H. testa imperforata, globoso-depressa, solidula, levissime striatula, non nitente, fusca, zonis 3 latis, albis, hydrophanis, fusco irregulariter maculatis, cincta; spiru brevissima, convexa, apice obtuso, lilaceo; anfr. 4 convexis, rapide accrescentibus, ultimo vix descendente, basi distinctius striato; columella declivi, dilatata, plana, alba; apertura ampla, fere diagonali, lunato-rotundata, intus pallide livida; perist. pallide carnea, undique expanso et reflexiusculo.*

Diam. maj. 47, min. 38, alt. 28 mill.

*Hab.* Philippine Islands.

5. *HELIX LAIS*, Pfr. *H. testa imperforata, sublenticulari, tenui, sub lente vix striatula, parum nitida, virenti-alba; spira brevi, convexa; sutura lineari, albo-marginata; anfr. 4½ vix convexiusculis, sensim accrescentibus, ultimo non descendente, peripheria subacute carinato et fascia unica, saturate castanea ornato, basi convexiore; columella brevi, declivi, dilatata, plana, alba; apertura parum obliqua, subquadrangolari-lunari; perist. anguste expanso, albo-limbato, marginibus subparallelis, basali leviter arcuato, cum columella angulum obtusissimum formante.*

Diam. maj. 33, min. 29, alt. 18 mill.

*Hab.* Philippine Islands.

6. *HELIX CERES*, Pfr. *H. testa umbilicata, semigloboso-subcampanuliformi, solida, leviter striatula, parum nitente, sordide lutea, fasciis nonnullis rubellis ornata; spira convexa, vertice subtili, obtuso; sutura vix impressa; anfr. 6½ vix convexiusculis, lente*

*accrescentibus, ultimo non descendente, periphæria subcarinato, basi convexiore; apertura diagonali, oblique lunari, intus carneo-albida; perist. fusco-carneo, marginibus remotis, dextro expanso, basali breviter reflexo, columellari dilatato, intus plica obliqua munito, extus fornicato, umbilicum angustum semitegente.*

Diam. maj. 23, min. 20, alt. 14 mill.

*Hab.* Philippine Islands.

7. **BULIMUS PERVIUS**, Pfr. *B. testa umbilicata, oblique ovato-conica, solidula, ruguloso-striata, opaca, alba; spira conica, acutiuscula; sutura profunda; anfr. 6½ convexis, ultimo spiram vix superante, basi suboblique producto, circa umbilicum angustum, sed pervium subcompresso; columella leviter arcuata; apertura obliqua, ovali, basi rotundata; perist. simplice, marginibus approximatis, dextro expansiusculo, columellari per dilatato, vix reflexo.*

Long. 24, diam. 12 mill.

*Hab.* — ?

8. **BULIMUS FLEXILABRIS**, Pfr. *B. testa breviter rimato-subperforata, oblique ovato-turrita, solidiuscula, sublævigata, nitidula, alba, fasciis 3 spadiceis, albo-punctulatis ornata; spira elevato-conica, apice obtusula, nigra; anfr. 7 convexiusculis, ultimo spira brevior, oblique producto, basi antice subangulato; columella brevi, torta, recedente; apertura parum obliqua, irregulariter subquadrangulari; perist. simplice, undique expanso, margine dextro medio rectilineari, superne curvato, basi subimpresso et angulatim extrorsum dilatato, sinistro declivi, cum columella angulum formante, superne per dilatato, patente.*

Long. 28, diam. 12½ mill.

*Hab.* Brazils.

9. **BULIMUS FILARIS**, Pfr. *B. testa imperforata, ovato-conica, tenui, irregulariter plicato-striata, diaphana, sordide alba, strigis latis, angulatis, nigricantibus, in anfr. ultimo fascias obsoletas formantibus, ornata; spira conica, acutiuscula; sutura crenulata; anfr. 5½ vix convexiusculis, ultimo spiram subæquante, deorsum dilatato; columella valde recedente, filari; apertura obliqua, ovali, intus submargaritacea; perist. simplice, recto, basi subeffuso.*

Long. 26, diam. 12 mill.

*Hab.* — ?

10. **BULIMUS KEPPELLI**, Pfr. *B. testa anguste umbilicata, ovato-oblonga, tenuiuscula, sublævigata (irregulariter striolata), nitidula; spira elongato-conica, apice acutiuscula, alba; anfr. 7 convexiusculis, superis albis, spadiceo-bifasciatis; ultimo 2/5 longitudinis æquante, ad suturam subplicato, basi subattenuato, fumoso-fusco, fasciis spadiceis pallide marginatis 3-4 cincto, guttis pallidis irregulariter consperso; columella substricta; apertura parum obliqua, angusta, oblonga; perist. simplice, margine dextro leviter arcuato, recto, columellari in laminam latam, triangularem, patentem dilatato.*

Long. 34½, diam. 14 mill.

*Hab.* Andes of Peru (Capt. Keppell).



11. *CYCLOSTOMA RECLUZIANUM* (CYCLOTUS), Pfr. *C. testa umbilicata, depressa, solidula, obsolete spiraliter lirata, sub epidermide pallide virente albida; spira vix elevata, submucronata; sutura profunda, carina submarginata; anfr.  $4\frac{1}{2}$  convexis, rapide accrescentibus, ultimo terete, peripheria carina acuta, antrorsum evanescente munita; umbilico perspectivo,  $\frac{1}{3}$  diametri æquante; apertura parum obliqua, subcirculari; perist. simplice, recto, continuo, breviter adnato.—Operc. Cycloti.*

Diam. maj. 11, min. 9, alt. 5 mill.

*Hab.* Salomon's Islands.

12. *CYCLOSTOMA TUBULIFERUM* (CYCLOTUS), Pfr. *C. testa late umbilicata, striatula, opaca, albida, flammis angulosis fuscis picta; spira vix elevata, fusco-violacea, vertice subacute prominente; sutura subprofunda; anfr.  $4\frac{1}{2}$  convexiusculis, ultimo terete, antice breviter soluto, vix descendente, 2 mill. pone aperturam tubulo brevi a sutura retrorsum subascendente munito; apertura diagonali, circulari; perist. duplicato: interno continuo, porrecto, externo marginibus supero et dextro breviter patente, sinistro obsolete.*

Diam. maj.  $16\frac{1}{2}$ , min. 13, alt.  $6\frac{2}{3}$  mill.

*Hab.* — ?

13. *CYCLOSTOMA LABIOSUM* (CYCLOPHORUS), Pfr. *C. testa umbilicata, depresso-turbinata, solida, oblique striatula et lineis spiralibus, confertissimis, vix elevatis sculpta, nitidula, saturate castanea, lituris albidis præsertim ad suturam variegata; spira brevi, vertice acutiusculo, sordide fusco; anfr. 5 convexis, celeriter accrescentibus, ultimo peripheria subcarinato et pallide articulo, infra carinam fascia lata, nigricante cincto, circa umbilicum album, mediocrem, extus infundibuliformem subangulato; apertura obliqua, subcirculari, intus pallida; perist. crasso, lutescenti-albido, breviter adnato, cæterum fornicatim et anguste reflexo, margine columellari subrecedente.*

Diam. maj. 43, min. 34, alt. 22 mill.

*Hab.* — ?

14. *CYCLOSTOMA PIRRIEANUM* (CYCLOPHORUS), Pfr. *C. testa umbilicata, turbinato-depressa, solida, spiraliter crebrilirata, sub epidermide nigricante obsolete pallide marmorata et ad suturam articulata; spira breviter turbinata, apice cornea, obtuse mucronulata; anfr.  $5\frac{1}{2}$  rapide accrescentibus, ultimo magno, ad peripheriam carina subacuta, funiformi munito, superne turgido et subcarinato, prope suturam planulato, basi convexo, circa umbilicum late infundibuliformem angulato; apertura diagonali, subcirculari, intus nitidissime aurantiaco-livida; perist. continuo, breviter adnato, superne angulatim producto, undique valde incrassato et breviter reflexo, lucide fusco-igneo.*

Diam. maj. 54, min. 42, alt. 27 mill.

*Hab.* Walaghat, Koondah Mountains, near Calicut (F. Pirrie).

15. *CYCLOSTOMA GRISEUM*, Pfr. *C. testa vix perforata, turriconica, solidula, spiraliter confertim sulcata, vix nitidula,*

*liliaceo-grisea; spira elevato-conica, apice acutiuscula, flavida; sutura mediocri; anfr. 6 modice convexis, ultimo  $\frac{2}{5}$  longitudinis æquante, infra medium fascia pallida alteraque fuscata ornato; apertura obliqua, rotundato-ovali, intus fuscata, fasciata; perist. interrupto, marginibus approximatis, dextro recto, columellari subdilatato, fornicatim patente.—Operc. ?*

Long. 17, diam. 10 mill.

*Hab.* Madagascar.

16. *CYCLOSTOMA VENEZUELENSE (CHONDROPOMA?)*, Pfr. *C. testa subperforata, turrata, truncata, tenui, longitudinaliter capillaceo-striata, haud nitente, diaphana, fulvida, fasciis circa 6 angustis, rufis, interdum obsoletis ornata; sutura subdenticulata; anfr. superst.  $5\frac{1}{2}$  convexis, ultimo antice brevissime soluto, basi liris nonnullis spiralibus circa perforationem punctiformem munito; apertura verticali, subirregulariter ovali, intus concolore; perist. simplice, superne in auriculam angulatam producto, marginibus dextro et basali breviter expansis, sinistro angusto, adnato.*

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

*Hab.* Venezuela.

17. *CATAULUS MARGINATUS*, Pfr. *C. testa vix perforata, subfusiformi-turrata, solida, subarcuatim costulato-striata, opaca, fusco-lilacea, strigis angulosis albidis marmorata; spira subcurvilineariter, turrata, apice obtusa; sutura levi, filomarginata; anfr. 8 planiusculis, ultimo vix attenuato, carina basali alba, compressa, antrorsum subdilatata; apertura verticali, subovali; perist. albo, duplice, interno basi profunde inciso, externo patente, ad canalem mediocrem retracto.*

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

*Hab.* Ceylon.

18. *PUPINA CUMINGIANA (PREGISTOMA)*, Pfr. *P. testa imperforata, oblonga, utrinque attenuata, solidula, glabra, nitida, rubello-succinea; spira elongata, apice acutiuscula, sutura levissima; anfr. 6 vix convexiusculis, 2 ultimis latis, ultimo oblique descendente; apertura verticali, circulari; perist. calloso, expansiusculo, margine columellari brevi, non dilatato, incisura mediocri a basali separato.*

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

*Hab.* Salomon's Islands.

19. *HELICINA MODESTA*, Pfr. *H. testa subgloboso-conica, solidula, oblique striatula vel sublævigata, nitidula, unicolore straminea; spira conica, acutiuscula; anfr.  $4\frac{1}{2}$  modice convexis, ultimo turgido, basi planiusculo; columella brevi, incrassata, alba, callum emittente nitidum, circumscriptum; apertura obliqua, subtriangulari-semiovali; perist. simplice, recto, margine dextro antrorsum subdilatato, basali ad columellam subsinuato.*

Diam. maj. 6, min. 5, alt. 4 mill.

*Hab.* Tanna, New Hebrides.

20. *HELICINA ARTICULATA*, Pfr. *H. testa sublenticulari, carinata, tenui, striatula, nitida, rubello-fusca, pallidius strigata, fasciis 2, castaneo et albo articulatis ad suturam et carinam ornata; spira convexiusculo-conoidea, acuminata; anfr. 4½ subplanis, sensim accrescentibus, ultimo infra carinam sub-acutam convexo; columella breviter recedente, callum emittente tenuem, albidum, sulco levi circumscriptum; apertura diagonali, subtriangulari; perist. simplice, recto, acuto, marginibus vix arcuatis.*

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

*Hab.* Tanna, New Hebrides.

21. *HELICINA RIPARIA*, Pfr. *H. testa conica, tenuiuscula, oblique striatula, alba; spira conoidea, acutiuscula; anfr. 5½ convexiusculis, sensim accrescentibus, ultimo spira brevior, basi subconvexo; columella a basi rectangule descendente, breviter recedente, callum emittente tenuem, circumscriptum; apertura vix obliqua, fere semicirculari; perist. simplice, undique breviter expanso.*

Diam. maj. 7, min.  $6\frac{1}{4}$ , alt. 5 mill.

*Hab.* Calamar, on the banks of Magdalena River, New Granada.

22. *HELICINA FOVEATA*, Pfr. *H. testa orbiculato-conoidea, tenuiuscula, sublævigata, nitidula, flava vel fusco-rubella, plerumque fasciis saturatoribus et pallidis ornata; spira convexa, submucronata; anfr. 5½ convexiusculis, sensim accrescentibus, ultimo non descendente, basi convexiore, fovea profunda juxta columellam brevem, subdenticulatam notato; apertura parum obliqua, semiovali; perist. tenui, undique vix expansiusculo.*

Diam. maj.  $7\frac{2}{3}$ , min. 7, alt.  $4\frac{2}{3}$  mill.

*Hab.* St. Thomas, West Indies.

23. *HELICINA CONOIDEA*, Pfr. *H. testa conoidea, tenuiuscula, subscabre striata, vix nitidula, pallide corneo-grisea; spira regulariter conoidea, acutiuscula; sutura leviter impressa; anfr. 4½ subplanulatis; sensim accrescentibus, ultimo utrinque convexiore, periphæria subcarinato; columella brevi, deorsum attenuata, callum basalem emittente tenuem, circumscriptum; apertura diagonali, integra, subtriangulari; perist. simplice, margine supero vix expanso, basali subincrassato, reflexiusculo.*

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

*Hab.* Barbadoes, West Indies.

#### 4. LIMNÆACEA NOVA COLLECTIONIS CUMINGIANÆ.

DESCRIPSIT DR. GUIL. DUNKER.

1. *PHYSA SALLEANA*, Dkr. *Ph. testa ovato-acuta, fusco-cornea, mucronem versus obscuriore, nitidissima, subdiaphana, tenerime striata, fere lævigata; spira conica, apice paulum obtusa; anfractibus convexiusculis, sutura albida, perparum impressa*

*divisis; apertura ovato-acuta; columella lactea, basi subemarginata.*

Altit. 6 lin.

*Hab.* St. Domingo (*Sallé*).

Species varietatibus certis *Physæ heterostrophæ* similis, sed habitu graciliore, anfractibus minus convexis, colore fusco-corneo et labro tenui satis diversa est.

2. **PLANORBIS REFULGENS**, Dkr. *P. testa solidiuscula, nitidissima, tenerrime striata, fere glabrata, fusco-cornea, supra late umbilicata, infra plano-concava; anfractibus subtumidis, rotundatis, modice crescentibus; apertura oblique ovata, subauriculata.*

Altit. testæ  $2\frac{1}{3}$  lin.; lat. max.  $7\frac{1}{3}$  lin.

*Hab.* St. Domingo (*Sallé*).

Species pulcherrimarum una sui generis. Anfractus fere sex rotundati, supra fusco-cornei, infra pallidiores, striis tenuissimis incrementi instructi sunt; sub microscopio anfractus priores strias spirales minutissimas ostendunt. Spira embryonalis in latere superiore, ut solet, infundibuliformis. Margo aperturalis superior acutissimus, parum productus. Hæc species habitu *Planorbi Guadaloupensi*, Sow. haud dissimilis est.

3. **PLANORBIS SALLEANUS**, Dkr. *P. testa tenui, parvula, cornea haud nitente, tenuiter striata spiraliterque subhirsuta, supra plana, infra satis profunde umbilicata; anfractibus quatuor rotundatis, haud involutis, modice crescentibus; apertura subrotunda, obliqua, paullo dilatata.*

Altit.  $\frac{2}{3}$  lin.; lat. max. 2 lin.

*Hab.* St. Domingo (*Sallé*).

Species parvula, *Planorbi albo* similis.

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April 12, 1853.

John Gould, Esq., F.R.S., in the Chair.

The following papers were read:—

1. NOTICE OF AN ORIGINAL PAINTING, INCLUDING A FIGURE OF THE DODO, IN THE COLLECTION OF HIS GRACE THE DUKE OF NORTHUMBERLAND, AT SION HOUSE. BY W. J. BRODERIP, V.P.Z.S., F.R.S. ETC.

Professor Owen, at whose disposal the Duke of Northumberland placed the following additional pictorial evidence of the existence of the Dodo in the seventeenth century, has requested me to draw the attention of this Society to the highly interesting picture which the