2. Descriptions of Two New Species of Ptilonopus.

By George Robert Gray, F.L.S. & 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, 8½ 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.


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 accrescensibus, superis planis, sequentiis regulariter convexis, ultimo medio carinato, basis modice convexo, nitido, castaneo; apertura parum obliqua, lunari, intus lactea; perist. simplicie, recto, obtuso, marginibus distantibus, basali intus subincrassato, superne breviter dilatato, perforationem fere tegente.

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

Hab. Philippine Islands.
PTILONGUS PURPURACEOLATUS. G. R. Gray
as nat. size.
2. **Helix Oweniana**, Pfr. *H. testa perforata*, turbinato-depressa, tenui, superne radito-striata, lineis confertissimis spiralibus decussata, haud nitente, fulva; spira breviter conoidae, obtusa; sutura marginata; unfr. 4½ sensim accrescentibus, convexis, ultimo non descendentem, peripheria pallide carinato et infra carinam fascia rufa notato, subitus corneo-virente, nitido, lineis impressis, spiralibus irregulariter insculpto; apertura fere diagonali, subrhombo-lunari, intus margaritacea; perist. simplex, recto, marginibus remotis, columnellari declivi, caloso, 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, tenuissimae striatula, nitidula, alba, maculis castaneis subseriatis ornata; spira regulariter conica, acutissimae; sutura impressa; anfr. 6 planisculus, ultimo vix descendentem, ad basin planulatum, maculis majoribus subconfluentibus ornatum, carinato, antice tumido et subconstricto; apertura perobliqua, angusta, subtriangulari; perist. nigro, marginibus distantiis, 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, lecissime striatula, non nitente, fusca, zonis 3 latis, albis, hydrophanis, fusco irregulariter maculatis, cineta; spira brevissima, convexa, apice obtuso, lilaceo; anfr. 4 convexis, rapide accrescentibus, ultimo vix descendentem, basi distinctius striato; columna declivi, dilatata, plana, alba; apertura ampla, fere diagonali, lunato-rotundata, intus pallide licida; perist. pallide carneo, 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 linearis, albo-marginata; unfr. 4½ vix convexisculus, sensim accrescentibus, ultimo non descendentem, peripheria subacuta carinato et fascia unica, saturate castanea ornato, basi convexiori; columna brevi, declivi, dilatata, plana, alba; apertura parum obliqua, subquadraguali-lunari; perist. angusto expanso, albo-limbato, marginibus subparallelis, basali leviter arcuato, cum columnella 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 convexisculus, lente 
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accrescentibus, ultimo non descendente, peripheria 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, extrus 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 subobliquae producto, circa umbilicum angustum, sed pervium subcompresso; columella leviter arcuata; apertura obliqua, ovali, basi rotundata; perist. simplice, marginibus approximatis, dextro expansiusculo, columellari peridilatato, vix reflexo.
Long. 24, diam. 12 mill.
Hab. —?

8. Bulimus flexilabris, Pfr. B. testa breviter rimato-subperforata, oblique ovato-turrita, solidiuscula, sublavigata, nitidula, alba, fascis 3 spadiceis, albo-punctulatis ornata; spira elevato-conica, apice obtusa, nigra; anfr. 7 convexiusculis, ultimo spira breviore, oblique producto, basi antice subangulato; columella brevi, torta, recedente; apertura parum obliqua, irregulariter subquadangulari; perist. simplice, undique expanso, margine dextro medio rectilinearari, superne curvato, basi subimpresso et angulatim extrorsum dilatato, sinistro declivi, cum columella angulum formante, superne peridilatato, patente.
Long. 28, diam. 12½ mill.
Hab. Brazils.

9. Bulimus filaris, Pfr. B. testa imperforata, ovato-conica, tenui, irregulariter plicato-striata, diaphane, sordide alba, strigis latis, angulatis, nigricantibus, in anfr.ultimo fasciis obsoletas formantibus, ornata; spira conica, acutiuscula; sutura crenulata; anfr. 3½ vix convexiusculis, ultimo spiram subaequante, 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, temniuscula, sublævigata (irregulariter striolata), nitidula; spira elongato-conica, apice acutiuscula, alba; anfr. 7 convexiusculis, superis albis, spadiceo-bifasciatis; ultimo ¾ longitudinis aequante, ad suturam subpliqcato, basi subtemnato, funoso-fusco, fasciis spadiceis pallide marginatis 3-4 cineto, guttis pallidis irregulariter consperso; columella stricta; apertura parum obliqua, angusta, oblonga; perist. simplice, marginie dextro leviter arcuato, recto, columellari in laminam latam, triangularem, patente dilatato.
Long. 34½, diam. 14 mill.
Hab. Andes of Peru (Capt. Keppell).
11. Cyclostoma Recluzianum (Cyclotus), Pfr. C. testa umbilicata, depresso, 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, antroversum evanescente munita; umbilico perspectivo, \frac{1}{3} diametri aequante; aperture parum obliqua, subcirculari; perist. simplex, recto, continuo, breviter adnato.—Operc. Cycloti.

Hab. Salomon’s Islands.

12. Cyclostoma tubuliferum (Cyclotus), Pfr. C. testa late umbilicata, striata, opaca, albida, flammis angulosis fuscis picta; spira vix elevata, fusco-violacea, vertice subacutae; sutura profunda, carina subacuta; anfr. 5 convexis, brevi, vertice acutiusculo, sordide fusco; anfr. 5 convexis, celeriter accrescentibus, ultimo peripheria subcarinato et pallide articulato, infra carinam fascia lata, nigricante cincta, circa umbilicum album, mediocrem, extus infundibuliformem subangu- lato; aperture obliqua, subcirculari, intus pallida; perist. crasso, lutescenti-albido, breviter adnato, ceterum fornicatim et anguste reflexo, marginem columna obsolete.

Hab. —?

13. Cyclostoma labiosum (Cyclophorus), Pfr. C. testa umbilicata, depressa-turbinata, solida, oblique striata et lineis spiralibus, confertissimis, vix elevatis sculpta, nitidula, saturate castanea, lituris albidis praesertim ad suturam variegata; spira brevi, vertice acutiusculo, sordide fusco; anfr. 5 convexis, celeriter accrescentibus, ultimo peripheria subcarinato et pallide articulato, infra carinam fascia lata, nigricante cincta, circa umbilicum album, mediocrem, extus infundibuliformem subangu- lato; aperture obliqua, subcirculari, intus pallida; perist. crasso, lutescenti-albido, breviter adnato, ceterum fornicatim et anguste reflexo, marginem columna subrecedente.

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 tur- gido et subcarinato, prope suturam planulato, basi convexo, circa umbilicum late infundibuliformem angulato; aperture diagno- nali, subcirculari, intus nitidissime aurantiaco-lividula; perist. continuo, breviter adnato, superne angulatim producto, undique valde incrassato et breviter reflexo, lucide fusco-igneo.

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

15. Cyclostoma griseum, Pfr. C. testa vix perforata, turrito-conica, solidula, spiraliter confertim sulcata, vix nitidula,
liliaceo-grisea; spira elevato-conica, apice acutiuscula, flavida; sutura mediocris; anfr. 6 modice convexus, ultimo \( \frac{3}{4} \) longitudinis aequante, infra medium fascia pallida alteraque fuscula ornata; apertura obliqua, rotundato-ovali, intus fuscula, fasciata; perist. interrupto, marginibus approximatis, dextro recto, columnari subdilatato, fornicatum patente.—Operc. ?

Long. 17, diam. 10 mill.

Hab. Madagascar.

16. **Cyclostoma Venezuelense** (Chondropoma ?), Pfr. C. testa subperforata, turrita, truncata, tenui, longitudinaliter capillaceo-striata, hauit nitente, diaphana, fulvida, fasciis circa 6 angustis, rufis, interdum obsoletis spiralis circum perforationem punctiformem munita; apertura verticali, subirregulariter ovali, intus concolore; perist. simplice, superne in auriculam angulatam producta, 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-turrita, solida, subarcuati capillato-striata, opaca, fusco-lilacea, strigis angulosis albidis marmorata; spira subcurvilinea, turrita, apice obtusa, compresa, antorsum subdilatata; apertura verticali, subovali; perist. albo, duplice, interno basi profunde inciso, externo patente, ad canalem medio cree retracto.

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

Hab. Ceylon.

18. **Pupina Cumingiana** (Pregistoma), Pfr. P. testa imperfecta, oblonga, utrinque attenuata, solidula, glabra, nitida, rubello-succinea; spira elongata, apice acutiuscula, sutura levisima; anfr. 6 vix convexiusculis, 2 ultimis latis, ultimo oblique descendente; apertura verticali, circulari; perist. caloso, expansusculo, marginibus brevissimis, non dilatato, incisura mediocri a basali separato.

Long. 8, diam. 3\( \frac{1}{2} \) mill.

Hab. Salomon’s Islands.

19. **Helicina modesta**, Pfr. H. testa subgloboso-conica, solidula, oblique striatula vel sublaerigata, nitidula, unicolora straminea; spira conica, acutiuscula; anfr. 4\( \frac{1}{2} \) modice convexis, ultimo turgida, basi planiusculo; columnella brevi, incrassata, alba, callum emittente nitidum, circumsculptum; apertura obliqua, subtriangulari-semiorbitali; perist. simplice, recto, marginie dextro antorsum subdilatato, basali ad columnam subsinuato.

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

Hab. Tanna, New Hebrides.
20. Helicina articulata, Pfr. H. testa sublenticulari, carinata, tenue, striatula, nitida, rubello-fusca, pallidius striigata, fasciis 2, castraneo 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 levii circumscriptum; apertura diagonali, subtrigangulari; perist. simplice, recto, acuto, marginibus vix arcuatis.
Diam. maj. 5, min. 4½, alt. 3 mill.
Hab. Tanna, New Hebrides.

21. Helicina riparia, Pfr. H. testa conica, tenuiuscula, oblique striatula, alba; spira conoidea, acutiuscula; anfr. 5¼ convexiusculis, sensim accrescentibus, ultimo spira breviore, basi subconveceo; 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. 6½, alt. 5 mill.
Hab. Calamar, on the banks of Magdalena River, New Granada.

22. Helicina foveata, Pfr. H. testa orbiculato-conoidea, tenuiuscula, subclavigata, nitidula, flava vel fusco-rubella, pleurisque fasciis saturatiobus et pallidis ornata; spira convexa, submucronata; anfr. 5¼ convexiusculis, sensim accrescentibus, ultimo non descendente, basi convexiore, fovea profunda juxta columellam brevem, subdenticulatam notato; apertura parum obliqua, semi-ovali; perist. tenui, undique vix expansiusculo.
Diam. maj. 7½, min. 7, alt. 4½ 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, peripheria 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. 5½, min. 4¾, alt. 3¼ mill.
Hab. Barbadoes, West Indies.

4. Limnæacea nova collectionis Cumingianæ.
Descriptis Dr. Guil. Dunker.

1. Physa Salleana, Dkr. Ph. testa ovato-acuta, fuscocornica, mucronem versus obscuroire, nitidissima, subdiaphana, tenerime striata, fere levigata; spira conica, apice paulum obtusa; anfractibus convexiusculis, sutura albula, perparum impressa.
divisis; apertura ovato-acuta; columella lactea, basi subemarginata.

Altit. 6 lin.

Hab. St. Domingo (Salle).

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

2. Planorbi refulgens, Dkt. P. testa solidiuscula, nitidissima, tenerrime striata, fere glabrata, fusco-cornea, supra late umbilicata, infra plano-concava; anfractibus subtumidis, rotundatis, modice crescentibus; apertura oblique ovata, subantriculata.

Altit. testae 2½ lin.; lat. max. 7½ lin.

Hab. St. Domingo (Salle).


3. Planorbi Salleanus, Dkt. P. testa tenui, parvula, cornea haud nitente, tenuiter striata spiraliterque subhirsuta, supra plana, infra satis profunde umbilicata; anfractibus quattuor rotundatis, haud involutis, modice crescentibus; apertura subrotunda, obliqua, paullo dilatata.

Altit. ½ lin.; lat. max. 2 lin.

Hab. St. Domingo (Salle).

Species parvula, Planorbi albo similis.

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