

PROCEEDINGS  
OF THE  
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PART XIII.

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June 10, 1845.

Rev. John Barlow in the Chair.

“Descriptions of twenty-two new species of *Helix*, from the collections of Miss Saul, — Walton, Esq., and H. Cuming, Esq.,” by Dr. Louis Pfeiffer:—

1. *HELIX PACHYSTYLA*, Pfr. *Hel. testá imperforatá, globosá, solidá, ponderosá, striatá, lineis concentricis decussatá, albá, epidermide sordidè viridi, nigricanti-radiatá indutá; spirá brevi; anfractibus 5 celeriter accrescentibus, ultimo globoso, anticè breviter deflexo; columellá obliquá, dilatatá, callosá, albá, obsoletè et latè unidentatá; aperturá irregulariter lunato-rotundatá, intus lacted; peristomate recto, intus subincrassato, margine basali reflexiusculo.*

Diam. 43, alt. 37 mill.

Locality, New Zealand.

Similar to *H. pomum*, Pfr., from which it may be distinguished by its transverse striæ, and by being quite imperforate. (Coll. Metcalfe.)

2. *HELIX EURYOMPHALA*, Pfr. *Hel. testá umbilicatá, orbiculato-converá, tenui, pellucidá, virenti-corned, supernè regulariter costulato-striatá, lineis concentricis obsoletè decussatá, basi remotius striatá, nitidissimá; spirá parùm elevatá, obtusá; anfractibus 6 convexiusculis, ultimo dilatato, subdepresso, anticè non descendente; umbilico magno, pervio; aperturá obliquè lunato-ovali, intus margaritacé; peristomate recto, simplice, marginibus conniventibus.*

Diam. 37, alt. 17 mill.

Locality, Cuba.

To be distinguished from *H. laxata*, Fér., by the number of its whorls, forming a more elevated spire, by the last whorl not deflected and less dilated, &c. (Coll. Cuming.)

3. *HELIX MICANS*, Pfr. *Hel. testá imperforatá, globosá, tenui, fragili, striatulá, lineis confertissimis obsoletè decussatá, diaphand, albidá; spirá parvulá; anfractibus 4 planiusculis, rapidè accrescentibus, ultimo inflato; columellá tenui, intrante, excavatá; aperturá rotundato-lunari; peristomate simplice, recto, margine dextro antrosum subarcuato.*

Diam. 28, alt. 19 mill.

Found at S. Juan, province of Cagayan, island of Luzon, on bushes, by H. Cuming, Esq.

This shell might easily be taken for an enormous species of *Vitrina*.

4. *HELIX FORBESII*, Pfr. *Hel. testá umbilicatá, discoided, tenui, obliquè confertim striatá, unicolore rufá; spirá planiusculá; anfractibus 5 convexis, ultimo basi convexiore, anticè vix descen-*

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*dente, obtusè angulato, supernè obsolete impresso; umbilico magno, spirali; aperturâ perobliquâ, rotundato-lunari; peristomate simplice, acuto, albido-carneo, intus subincrassato, margine supero latè expanso, basali reflexo, columellari subdilatato.*

Diam. 41, alt. 14 mill.

Locality unknown. (Coll. Walton.)

5. *HELIX RUBICUNDA*, Pfr. *Hel. testâ perforatâ, depressè turbinatâ, rugoso-striatâ, obsolete et minutissimè granulatâ, subepidermide cornè, deciduâ rubicundâ; anfractibus 5½ subplanulatis, ultimo medio obtusè angulato, basi convexiore; aperturâ obliquè lunari; peristomate simplice, recto, margine dextro antrorsum subdilatato, columellari dilatato, reflexo, perforationem semi-occultante.*

Diam. 27, alt. 15 mill.

Locality unknown. (Coll. Walton.)

6. *HELIX SAULIÆ*, Pfr. *Hel. testâ umbilicatâ, globoso-depressâ, solidiusculâ, obliquè striatâ, fulvidâ, medio fasciâ unicâ albâ, utrinque rufo-marginatâ ornatâ; spirâ brevi, obtusâ; anfractibus 4 vix convexiusculis, ultimo basi subplanato, anticè subitò deflexo, circa umbilicum angustum, pervium rufo; aperturâ perobliquâ, lunato-ovalis; peristomate breviter reflexo, marginibus conniventibus, callo tenui junctis, columellari castaneo, valdè dilatato, umbilicum ferè occultante.*

Diam. 32, alt. 20 mill.

Locality unknown. (Coll. Cuming. et Saul.)

7. *HELIX RHOMBOSTOMA*, Pfr. *Hel. testâ imperforatâ, trochiformi, tenuiusculâ, obliquè striatâ, lineis confertissimis concentricis subdecussatâ, nitidâ, albido-fulvescente, fasciis castaneis plurimis ornatâ; spirâ brevi, conicâ, apice acutâ; anfractibus 5 planiusculis, ultimo acutè carinato, basi vix convexo, anticè parùm deflexo, à latere subcompresso; aperturâ rhombè; peristomate violaceo, margine supero expanso, supernè impresso, columellari stricto, dilatato, plano, adpresso.*

Diam. 28, alt. 15 mill.

Locality unknown. (Coll. Saul. et Metcalf.)

8. *HELIX PLANISSIMA*, Pfr. *Hel. testâ umbilicatâ, depressissimâ, lenticulari, tenui, utrinque obliquè rugoso-costatâ, albâ, subtùs interdum corneo-fasciatâ; anfractibus 5½ convexiusculis, acutè carinatis (carinâ compressâ, prominente, serratâ), ultimo anticè vix descendente, basi convexiore, circa umbilicum mediocrem, spiralem subangulato; aperturâ depressâ, angulato-lunari; peristomate simplice, margine basali planè arcuato, reflexo.*

Diam. 11½, alt. 4½ mill.

Locality unknown. (Coll. Walton.)

Similar to *H. amanda*, Rossm., from which it may be distinguished by its thin and flattened shell, its umbilicus, and the peristome not thickened.

9. *HELIX FILICOSTA*, Pfr. *Hel. testá subobtectè perforatá, depresso-globosá, regulariter costatá (costis filiformibus), tenuiusculá, carneo-albídá, lineis fuscis obsolete cinctá; anfractibus 4½ convexis, ultimo anticè deflexo; aperturá lunato-orbiculari; peristomate acuto, intus subincrassato, labiato, marginibus conniventibus, callo introrsum diffuso roseo junctis, dextro vix expanso, columellari dilatato, reflexo, roseo.*

Diam. 14, alt. 9 mill.

Locality unknown. (Coll. Saul.)

10. *HELIX RETIFERA*, Pfr. *Hel. testá umbilicatá, obtusè trochiformi, striato-plicatulá, lineis nonnullis concentricis elevatis reticulatá, carinatá, diaphaná, pallidè corned; spirá elevatá, obtusá; anfractibus 6½ planiusculis, ultimo basi subplanulato, striato; umbilico mediocri, pervio; aperturá depressá, securiformi; peristomate simplice, acuto, margine supero brevi, basali planè arcuato.*

Diam. 7, alt. 4 mill.

Locality unknown. (Coll. Metcalf.)

11. *BULIMUS GRAYANUS*, Pfr. *Bul. testá gracili, turritá, solidulá, longitudinaliter subtilissimè striatá et lineis impressis spiralibus subdecussatá, cinnamomeá; spirá turritá, apice valdè attenuatá; anfractibus 6 vix convexiusculis, ultimo  $\frac{2}{3}$  longitudinis subæquante, anticè deflexo, soluto, dorso et basi carinato, lateribus scrobiculato; aperturá angustá, oblongá, basi canaliculatá; peristomate simplice, undique expanso, dentibus 7 marginem non attingentibus armato; 3 in latere dextro, 4 in sinistro, summo tuberculiformi, secundo valido, lamelliformi.*

Long. 35, diam. 11 mill.

Locality, Brazils.

Nearly allied to *Bul. odontostoma*, Sow., but quite distinct from the two varieties figured by Férussac. (Coll. Cuming.)

12. *BULIMUS COARCTATUS*, Pfr. *Bul. testá rimato-perforatá, ovato-acutá, solidá, albídá, lineis interruptis, fuscis cingulatá; spirá conicá, acutá; anfractibus 6½ planulatis, ultimo convexiore, spiram æquante; aperturá angustá, oblongá, coarctatá; columellá incrassatá, tuberculatá; peristomate latè expanso, margine dextro introrsum incrassato, acutè prominente, medio sinuolato, cum columellari dilatato, reflexo, patente angulatim juncto.*

Long. 34, diam. 17 mill.

Locality unknown.

Nearly allied to *B. signatus*, Desh.

13. *BULIMUS DESHAYESII*, Pfr. *Bul. testá umbilicatá, turritá, solidá, striatulá, violascenti-albá, strigis et maculis violascenti-fuscis irregulariter signatá; suturá subcrenulatá; anfractibus 9 vix convexiusculis, ultimo  $\frac{1}{3}$  longitudinis subæquante; columellá subrectá; aperturá ovali, intus violacé; peristomate simplice, recto, margine columellari dilatato, fornicatim reflexo, rimam umbilicarem non occultante.*

Long. 45, diam. 15 mill.  
Locality unknown. (Coll. Cuming.)

14. *BULIMUS THOMPSONII*, Pfr. *Bul. testá imperforatá, ovato-oblongá, solidulá, longitudinaliter striatá, fusco-olivaceá; spirá conicá, apice obtusá, rubrá; anfractibus 6, supremis planulatis, purpureo-strigatis, ultimo spiram æquante; suturá albo-marginatá, crenulatá; columellá rectá (non tortá), leviter arcuatá; aperturá oblongo-ovali, intus lividá; peristomate subincrassato, recto, intus nigro-limbato, marginibus callo castaneo junctis, basali cum columellá basin attingente subangulatim juncto.*

Long. 70, diam. 31 mill.  
Locality, Quito. (Coll. Cuming.)  
Nearly allied to *B. Taunaysii*.

15. *BULIMUS SIQUIJORENSIS*, Pfr. *Bul. testá imperforatá, ovato-oblongá, tenui, fulvá, epidermide pallidè fuscá elegantissimè marmoratá et flummatá; spirá conicá, obtusá, apice nudá, rufescente; anfractibus 6 vix convexiusculis, ultimo spirá vix breviorè, subangulato; columellá subtortá, longitudinaliter biangulatá, introrsum acutá; aperturá oblongo-subpyriformi, intus albidá; peristomate tenui, breviter expanso, margine dextro deorsum dilatato, basali cum columellari angulum obsoletum formante.*

Long. 52, diam. 25 mill.  
Locality, island of Siquijor (Philippines). Collected by Mr. Cuming.

16. *ACHATINA SEMISULPTA*, Pfr. *Achat. testá tenui, ovato-elongatá, longitudinaliter regulariter striatá, fuscescenti-albidá, strigis fulgurantibus rufis pictá; spirá conicá, apice obtusiusculá, lineis confertis concentricis regulariter granulósá; anfractibus  $7\frac{1}{2}$  convexiusculis, ultimo spiram subæquante, usque ad peripheriam lineis impressis distantioribus decussato; columellá subrectá, abruptè truncatá; aperturá ovali-acutá; peristomate simplice, recto.*

Long. 55, diam. 23 mill.  
Locality, Africa, Loanda, coast of Benguela. (Coll. Cuming.)

17. *ACHATINA RETICULATA*, Pfr. *Achat. testá oblongo-acutá, solidá, ponderosá, longitudinaliter confertim plicatá, sulcis concentricis profunde reticulatá, albidá, castaneo-marmoratá et maculatá; spirá elongatá, acutá, supernè minutè granulatá; suturá subcrenulatá; anfractibus 8 parùm convexis, ultimo  $\frac{3}{4}$  longitudinis subæquante; columellá crassá, albá, arcuatá, abruptè truncatá; aperturá utrinque attenuatá, oblongo-ovali.*

Long. 160, diam. 70 mill.  
Locality, Africa. (Coll. Cuming.)

18. *ACHATINA PAPHYRACEA*, Pfr. *Achat. testá ovato-oblongá, tenui, striis longitudinalibus et concentricis obsoletè decussatá, diaphaná, fulvá, castaneo obsoletè marmoratá; spirá conicá, apice obtusá; suturá marginatá; anfractibus  $5\frac{1}{2}$  vix convexiusculis, ultimo spiram vix superante; columellá subrectá, basin aperturæ ferè attin-*



gente, obliquè truncatá, lined purpureá ornatá; aperturá ovali, intus margaritacéa.

Long. 66, diam. 30 mill.

Locality, banks of the river Nun in Africa. (Coll. Cuming.)

19. *ACHATINA FUSIFORMIS*, Pfr. *Achat. testá ovato-fusiformi, tenui, longitudinaliter confertim costulatá, lineis transversis minutè reticulatá, fulvidá, saturatius strigatá; spirá conicá, acutiusculá, apice rubescente; suturá marginatá; anfractibus 7-8 convexiusculis, ultimo spiram paulò superante, basi attenuato; columellá leviter arcuatá, abruptè truncatá, rubellá; aperturá angustá, oblongá; peristomate simplice, repando, margine rubicundo.*

Long. 87, diam. 35 mill.

Locality, mountain of Coban, Vera Cruz, Central America. (Coll. Cuming.)

This species, as well as the next following, may perhaps belong to the genus *Glandina*.

20. *ACHATINA COSTULATA*, Pfr. *Achat. testá ovato-fusiformi, tenui, longitudinaliter confertim et regulariter costulatá, diaphaná, fulvo-rubellá, strigis parvis saturatioribus ornatá; spirá pyramidalis, acutá; suturá sulco parallelo crenulato-marginatá; anfractibus 8 vix convexiusculis, ultimo spiram vix æquante; columellá subrectá, abruptè truncatá; aperturá oblongá, utrinque attenuatá, intus margaritacéa.*

Long. 72, diam. 31 mill.

Locality, mountains of Quendeu, New Granada. (Coll. Cuming.)

21. *GLANDINA NIGRICANS*, Pfr. *Glan. testá ovato-oblongá, solidiusculá, minutissimè striatá, nitidissimá, nigricante, strigis remotis angustis fulvis ornatá, basi corneo-luteá; spirá conicá; suturá virenti-marginatá; anfractibus 7 planulatis, ultimo  $\frac{3}{5}$  longitudinis æquante; columellá arcuatá, callosá, obliquè truncatá, basin aperturæ non attingente; aperturá angustá, semiovali, intus concolore.*

Long. 35, diam. 16 mill.

Locality, Vera Cruz, in Central America. (Coll. Cuming.)

22. *GLANDINA MONILIFERA*, Pfr. *Glan. testá fusiformi-ovatá, tenui, pellucidá, regulariter costulato-striatá, costulis in medio anfractús ultimi evanescentibus, fulvo-roséa, lineis remotis rufis pallidè marginatis ornatá; spirá brevi, conicá; suturá eleganter et confertim granulosa; anfractibus 7 planiusculis, ultimo  $\frac{3}{5}$  longitudinis subæquante, ventroso; columellá vix arcuatá, basi abruptè truncatá; aperturá angustá, semiovali.*

Long. 29, diam.  $14\frac{1}{2}$  mill.

Locality, mountains of Coban, Vera Cruz, Central America. (Coll. Cuming.)

A number of Birds'-skins from Australia were presented to the Society by Jeremiah Olive, Esq.

The Secretary exhibited to the Meeting a specimen of Sand Grouse,