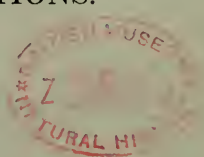


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7. DESCRIPTION OF A NEW SPECIES OF CYTHEREA.

BY LOVELL REEVE, F.L.S., F.Z.S. ETC.

CYTHEREA NOBILIS. *Cyth. testá orbiculari-cordatá, crassá, transversim concentricè líratá, líris rudibus, obtusis, subplanulatis, numerosis, crebris, valdè irregularibus, hic illic intermissis, non parallelis; lacteá, epidermide tenui corneá, translucidá, indutá.*

Long. $4\frac{1}{4}$ in.; lat. $2\frac{1}{2}$ in.; alt. 4 in.

Hab. —?

This fine species, from the collection of A. L. Gubba, Esq., is distinguished by a peculiarity in the form and arrangement of the concentric ribs with which it is sculptured. They are very numerous, flattened, close-set, and extremely irregular, now narrow, now broad, each one varying irregularly in width and now and then suddenly intermitted. It is of a pure cream-colour, covered with a thin, horny, transparent epidermis. Mr. Gubba obtained it from a vessel in Havre-de-grace, but could not ascertain its locality.

8. DESCRIPTIONS OF TWENTY-FOUR NEW SPECIES OF HELICEA, FROM THE COLLECTION OF H. CUMING, ESQ.

BY DR. L. PFEIFFER.

1. STREPTAXIS GLABRA, Pfr. *Str. testá umbilicatá, depressè ovatá, tenui, pellucidá, virescenti-albidá, omnino glabrá; spirá laterali, acutiusculá; suturá albo-marginatá; anfractibus 6 convexiusculis, penultimo inflato, ultimo antrorsum deviante; umbilico angusto, non pervio; aperturá perobliquá, semicirculari, dente minuto parietis aperturalis munitá; peristomate albo, subincrassato, breviter reflexo.*

Diam. maj. 8, min. 6, alt. 5 mill.

Hab. Demerara.

2. STREPTAXIS CUMINGIANA, Pfr. *Str. testá perforatá, depresso-globosá, solidulá, glabrá, virenti-albidá; spirá sublaterali, conoidé; anfractibus 7 angustissimis, subplanis, penultimo prominulo, ultimo antrorsum deviante; aperturá perobliquá, auriformi, lamellá intrante parietis aperturalis coarctatá; peristomate simplice, breviter expanso, marginibus callo tenui junctis, dextro arcuato, infernè dente 1 acuto munito, basali stricto, dente 1 transversè elongato instructo, columellari brevissimo, ad perforationem non perviam subreflexo.*

Diam. maj. $6\frac{2}{3}$, min. $5\frac{1}{3}$, alt. 4 mill.

Locality unkuown.

3. HELIX MONSSONI, Pfr. *H. testá perforatá, turbinatá, tenui, levi, carinatá, striis incrementi et lineis confertissimis impressis, obliquè antrorsum descendentibus subtilissimè decussatá, diaphaná, albidá, rubro-unicingulatá; spirá conoidé, apice obtusiusculá; suturá submarginatá; anfractibus 6 subplanulatis, ultimo magno, infra cingulum carinato (cariná anticè ob-*

soletá), *basi convexiusculo*; *aperturá obliquá, subangulato-lunari*; *peristomate simplice, recto, margine columellari supra perforationem breviter reflexo.*

Diam. maj. 38, min. 33, alt. 23 mill.

Locality unknown.

4. *HELIX ALBICANS*, Pfr. *H. testá perforatá, depressá, striatá, sublævigatá, nitidá, hyalino-albidá*; *spirá vix elevatá*; *suturá impressá, marginatá*; *anfractibus 5 planiusculis, lentè accrescentibus, ultimo non descendente, subrotundato, circa perforationem impresso*; *aperturá verticali, latè lunari*; *peristomate simplice, acuto, margine columellari brevissimè reflexo.*

Diam. maj. 8, min. 7, alt. 4 mill.

Hab. in insulá Jamaica.

5. *HELIX PHLOGOPHORA*, Pfr. *H. testá subperforatá, depressá, tenuissimá, striatá, pellucidá, nitidá, fulvo-luteá, flammulis angulatis et serrulatis rufis confertis pictá*; *spirá parum elevatá, apice subpapillatá*; *anfractibus 3½ convexis, rapidè accrescentibus, ultimo depresso, basi planiusculo*; *aperturá perobliquá, rotundato-lunari*; *peristomate simplice, recto, margine columellari subreflexo.*

Diam. maj. 6½, min. 5½, alt. 3 mill.

Locality unknown.

6. *HELIX SERICATULA*, Pfr. *H. testá perforatá, depressá, discoideá, subtiliter et confertim costulatá, striatá, subsericá, griseo-corneá, lineis brunneis irregularibus radiatá*; *spirá planá*; *anfractibus 4½ vix convexiusculis, ultimo subrotundato, juxta perforationem subimpresso*; *aperturá subverticali, latè lunari*; *peristomate simplice, recto, obtusiusculo, margine basali declivi, supernè reflexo, perforationem ferè occultante.*

Diam. maj. 4½, min. 4, alt. 2⅓ mill.

Hab. ad Port Jackson (Mr. Strange).

7. *HELIX NOBILIS*, Pfr. *H. testá angustè umbilicatá, subturbinato-depressá, solidá, striatá, lineis impressis concentricis et obliquis subtiliter decussatá, fulvá*; *spirá parum elevatá, subturbinatá*; *anfractibus 6 parum convexis, ultimo medio circulo elevato, obtuso cincto, infra eum fasciá saturatè castaneá, deorsum dilutá, ornato, circa umbilicum pallido*; *aperturá amplá, parum obliquá, latè lunari, intus margaritaceá*; *peristomate simplice, recto, margine columellari ad umbilicum in laminam brevem, triangularem reflexo.*

Diam. maj. 53, min. 45, alt. 30 mill.

Hab. in insulá Borneo, var. *pallida* in insulis Philippinis.

8. *HELIX BORNEENSIS*, Pfr. *H. testá obliquè perforatá, depressá, tenuiusculá, striis incrementi distinctis et lineis obliquis, impressis, crebris decussatá, saturatè fulvá*; *spirá vix elevatá, obtusá*; *anfractibus 4 parum convexis, celeriter accrescen-*

tibus, ultimo medio zond nigricante, deorsum dilutá, ornato; suturá lined impressá marginatá; aperturá obliquá, amplá, transversè lunari-ovali, intus margaritaced, fasciá pellucente; peristomate simplice, acuto, margine columellari in laminam brevem, triangularem, umbilicum semitegentem, reflexo.

Diam. maj. 52, min. 42, alt. 25 mill.

Hab. in insulâ Borneo.

9. *HELIX AFRICANA*, Pfr. *H. testá perforatá, depressá, tenui, nitidá, minutissimè striatulá, lineis confertis, concentricis, impressis sub lente minutissimè decussatá, rufo-fuscá vel pallidè corned; spirá brevissimè conoidé, apice subelevato; suturá submarginatá; anfractibus 7 vix convexiusculis, sensim accrescentibus, ultimo carinato (cariná anticè obsoletá), non descendente, basi paulo convexiore; aperturá depressá, latá, lunari; peristomate simplice, recto, acuto, margine columellari supra perforationem brevissimè reflexo.*

Diam. maj. 26, min. 23, alt. 13 mill.

Hab. ad Axim in littore occidentali Africæ.

10. *HELIX SANDVICENSIS*, Pfr. *H. testá umbilicatá, discoideá, striatá, nitidulá, luteo-corneá; spirá pland; suturá impressá; anfractibus 5-6 lentè accrescentibus, ultimo depresso, basi vix convexiore; umbilico lato, dimidium ferè diametri occupante; aperturá parum obliquá, lunari-rotundatá; peristomate simplice, recto, tenui, marginibus conniventibus.*

Diam. maj. 18, min. 15, alt. 5 mill.

Hab. in insulis Sandwich.

11. *HELIX JACQUINOTI*, Pfr. *H. testá umbilicatá, fornicato-conoidé, solidulá, acutè carinatá, confertim arcuato-costatá, albo et fusco variegatá; spirá conoidé, obtusá; anfractibus 8 angustis, omnibus carinatis (cariná exsertá, compressá, costis decurrentibus denticulatá), ultimo basi vix convexiusculo, radiatim striato; umbilico extus laminá horizontali coarctato, intus lato; aperturá depressá, securiformi, lamellis 6 intrantibus munitá: 2 in pariete aperturali elongatis, 1 columellari et 3 in margine basali profundis, vix conspicuis; peristomate simplice, recto, acuto, margine basali in lamellam umbilici introitum circumclaudentem continuatam.*

Diam. maj. 9, min. $8\frac{1}{2}$, alt. 5 mill.

Hab. in insulâ Tahiti, et in insulis Marquesas.

12. *HELIX COARCTATA*, Pfr. *H. testá umbilicatá, depressá, distanter arcuato-costatá et sub lente minutissimè spiraliter striatá, fuscá, brunneo-tessellatá; spirá fornicatá, superne depressá, anfractibus $8\frac{1}{2}$ angustis, carinatis, ultimo infra penultimum recedente, tertiam paginæ inferæ penultimi partem liberam relinquente, basi vix convexiusculo, obsoletè radiatim costato, distinctius concentricè striato; umbilico lato, extus laminá horizontali coarctato; aperturá depressá, securiformi,*

lamellis 6 intrantibus munita: 2 in pariete aperturali, 2 in margine basali, 1 in superno, 1 dentiformi in columella; peristomate simplice, recto, acuto, margine basali retrorsum in laminam, umbilicicum coarctantem, continuatâ.

Diam. $6\frac{1}{3}$, alt. $3\frac{1}{2}$ mill.

Hab. in insulâ Tahiti.

13. *HELIX NYMPHA*, Pfr. *H. testâ imperforatâ, globoso-depressâ, tenui, obliquè striatâ, nitidâ, diaphand, virenti-albidâ; spirâ brevissimâ, apice obtusâ; suturâ albo-filosâ; anfractibus 4 subplanis, rapidè accrescentibus, ultimo subdepresso, basi convexo; columellâ intrante, subverticali, compressâ, albâ; aperturâ obliquâ, latè lunari; peristomate simplice, tenui, castaneo-limbato, margine superno recto, basali breviter reflexo, cum columellâ angulum obtusum formante.*

Diam. maj. 32, min. 26, alt. 18 mill.

Hab. in insulis Philippinis.

14. *HELIX TRICOLOR*, Pfr. *H. testâ lenticulari-conoideâ, tenui, carinatâ, undique confertim concentricè striatâ, hyalinâ, supernè lineis albis et ad suturam fasciâ albâ, castaneo-punctatâ ornâtâ; spirâ brevi, conoideâ, apice obtusâ; anfractibus 4 planiusculis, ultimo carinâ albâ, lineis castaneis marginatâ et articulatâ munito, supernè et ad carinam subitè deflexo, basi juxta columellam subgibbo; aperturâ angustâ, perobliquâ, subquadrangulârî; peristomate simplice, castaneo-limbato, margine dextro recto, basali breviter reflexo, columellari perdeclivi, introrsum dilatato, excavato, saturatè castaneo.*

Diam. maj. 34, min. 29, alt. 17 mill.

Hab. St. Christoval, ins. Salomonis.

15. *HELIX RECEDENS*, Pfr. *H. testâ imperforatâ, subsemiglobosâ, solidâ, carinatâ, supernè confertim costulato-striatâ, pallide carnèd; spirâ fornicatâ; suturâ vix impressâ; anfractibus 6 planiusculis, lentè accrescentibus, ultimo a medio infra penultimum recedente, basi planiusculo, striato; carinâ rufolineatâ; aperturâ obliquâ, angulato-lunari; peristomate subsimplice, margine dextro recto, basali subincrassato, columellari brevissimè reflexo.*

Diam. 12, alt. 7 mill.

Locality unknown.

16. *HELIX SALLEANA*, Pfr. *H. testâ imperforatâ, conicâ, tenuiusculâ, striatâ et impressionibus obsolete rugosulâ, parum nitidâ, diaphand, cinereo-lutescente, ad peripheriam fasciis 2 fusco-viridibus, punctisque castaneis ornâtâ; spirâ conicâ, acutiusculâ; anfractibus 5 convexiusculis, ultimo lineis concentricis impressis notato, subangulato, basi parum convexo; aperturâ parum obliquâ, lunari-ovali, intus nitidâ, concolore, fasciis nigricantibus; peristomate tenui, rectangulè expanso et reflexiusculo, albo, margine columellari supernè dilatato, calloso.*

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

Hab. in ripis fluvii St. Johan. Guatemalæ (Sallé).

17. *HELIX PLATYSTYLA*, Pfr. *H. testâ imperforatâ, conicâ, solidâ, costulato-striatâ, albidâ, lined rufâ ad suturam ornatâ; spirâ conicâ, acutiusculâ; anfractibus 6 convexiusculis, sensim accrescentibus, ultimo obsolete angulato, basi subplano; aperturâ obliquâ, latè lunari; peristomate simplice, marginibus subparallelis, dextro breviter expanso, columellari supernè perdidatato, calloso.*

Diam. maj. 22, min. 19, alt. 19 mill.

Hab. in insulis Moluccis?

18. *HELIX BREVIPIILA*, Pfr. *H. testâ umbilicatâ, globoso-depressâ, pilis brevissimis, rigidis, quincuncialiter dispositis asperâ, haud nitidâ, saturatè brunneâ; spirâ parum elevatâ, obtusâ; anfractibus vix 5 convexiusculis, ultimo rotundato, anticè subdeflexo, circa umbilicum angustum subcompresso; aperturâ obliquâ, rotundato-lunari, intus nitidâ; peristomate tenui, brunneo-carneo, breviter expanso, marginibus conniventibus, columellari subdidatato-reflexo.*

Diam. maj. 12, min. 10, alt. $6\frac{1}{2}$ mill.

Hab. in orâ orientali Novæ Hollandiæ (Mr. Strange).

19. *HELIX BASKERVILLEI*, Pfr. *H. testâ umbilicatâ, globoso-depressâ, solidâ, striis incrementi rugulosis, lineisque spiralibus impressis subgranulatâ, olivaceo-fuscâ, parum nitidâ; spirâ subconoideo-elevatâ, apice obtusiusculâ; suturâ impressâ, crenulatâ; anfractibus $6\frac{1}{2}$ angustis, convexiusculis, ultimo rotundato, anticè vix descendente; aperturâ parum obliquâ, lunari, dente linguæformi albo parietis aperturalis, obliquè intrante, coarctatâ; peristomate validè carneo-labiato, margine dextro arcuato et basali subhorizontali, latè subdentato latè expansis et reflexis, columellari brevi, perdidatato, umbilicum angustum semitegente.*

Diam. maj. 24, min. 19, alt. 14 mill.

Hab. Vancouver's Island (Lieut. Baskerville).

20. *HELIX CONNIVENS*, Pfr. *H. testâ angustè umbilicatâ, depressâ, solidâ, striis incrementi distinctis, lineisque subtilibus concentricis sub lentè decussatâ, corneo-stramineâ, nitidulâ; spirâ parum elevatâ; suturâ impressâ; anfractibus 6 parum convexis, ultimo anticè non descendente, peripheriâ subangulato, basi convexiore; aperturâ obliquâ, latè lunari, intus albidâ; peristomate intus valide albo-labiato, marginibus conniventibus, dextro acuto, parum expanso, basali breviter reflexo, columellari supernè dilatato, patente.*

Diam. maj. 26, min. 22, alt. 14 mill.

Hab. Liew-Kiew.

21. *HELIX GALACTOSTOMA*, Pfr. *H. testâ umbilicatâ, convexo-*

orbiculatá, solidá, striatá, sub lentè granulatá, fulvá; spirá brevi, fornicatá, obtusá; anfractibus $4\frac{1}{2}$ convexiusculis, sensim accrescentibus, penultimo angulato, ultimo subdepresso, anticè deflexo, basi subangulatim in umbilicum, mediocrem, pervium, $\frac{1}{5}$ diametri vix superantem descendente; aperturá perobliquá, lunari-ovali, intus lacted; peristomate simplice, fusculo-limbato, marginibus conniventibus, callo junctis, dextro brevissimè expanso, basali subreflexo, columellari albo, supra umbilicum dilatato-reflexo.

Diam. maj. 36, min. 31, alt. 18 mill.

Hab. in insulá Madagascar.

22. *HELIX ROSARIUM*, Pfr. *H. testá umbilicatá, depressá, tenui, supernè subtilissimè granulatá, diaphand, pallide fulvá, flammis a suturá exeuntibus, cingulisque 3 interruptis, moniliformibus rufis ornatá; spirá planá; anfractibus vix 5 convexis, ultimo subdepresso, anticè non descendente, basi radiatim striatulo et lineis impressis spiralibus distantibus notato, circa umbilicum mediocrem, infundibuliformem subcompresso; aperturá parum obliquá, lunato-subtriangulari; peristomate albo-labiato, breviter reflexo, margine supero ab insertione primum ascendente, tum sinuato, basali strictiusculo, repando, columellari brevi, triangulatim patente.*

Diam. maj. 21, min. 17, alt. 9 mill.

Locality unknown.

23. *BULIMUS (PARTULA) DECUSSATULUS*, Pfr. *B. testá perforatá, ovato-conicá, tenui, striis incrementi lineisque spiralibus minutissimè decussatúlá, vix nitidulá, fulvescenti-albidá, diaphand; spirá brevi, conicá, obtusiusculá; suturá mediocri; anfractibus $4\frac{1}{2}$ convexis, ultimo $\frac{5}{8}$ longitudinis æquante, rotundatá; columellá subplicatá, recedente; aperturá angulato-ovali; peristomate simplice, tenui, marginibus conniventibus, dextro campanulatim expanso, columellari super perforationem reflexo.*

Long. 15, diam. $8\frac{2}{3}$ mill.; ap. 9 mill. longa, $6\frac{1}{2}$ lata.

Hab. in insulá Navigatorum.

24. *BULIMUS (PARTULA) NAVIGATORIUS*, Pfr. *B. testá dextrorsá, perforatá, oblongo-ovatá, solidá, obsoletè granulato-striatá, nitidulá, fulvá, lineis confertis saturatoribus signatá; spirá conicá, acutiusculá; suturá levi, albo-marginatá; anfractibus 5 planiusculis, ultimo spiram superante; aperturá oblongá, angustá, intus albidá, dente calloso parvulo profundo in ventre anfractús penultimi munitá; peristomate subincrassato, intus valide albo-labiato, marginibus parallelis, dextro breviter expanso, medio subdentato, columellari dilatato, plano, reflexo.*

Long. 23, diam. 11 mill.; ap. (c. perist.) 13 mill. longa, 8 lata.

Hab. in insulá Navigatorum.