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8. *CYCLOSTOMA GLOBOSUM*, Benson MSS. *C. testa umbilicata, globoso-conica, tenui, subtilissime striatula, diaphana, non nitente, cinnamomea, maculis opacis, albidis, subfasciatim dispositis ornata; spira conica, apice peracuta; anfract. 6, superis vix convexis, ultimo globoso, carina basali subtili, filari; apertura parum obliqua, ovali; perist. simplice, marginibus fere contiguis, dextro perarcuato, columellari medio dilatato, patente.*—*Operc. tenuissimum, corneo-lutescens, extus concaviusculum.*

Long. 8, diam. 5 mill.; apert. 4 mill. longa,  $3\frac{1}{3}$  lata.

These three species belong to a generic type in the family *Cyclostomacea*, for which I propose the name *Omphalotropis*, because all known species have a keel-like ridge round the umbilicus. The species belonging to it are the same which I referred previously to the doubtful genus *Hydrocena*, except the typical species of that genus, *Cyclostoma Cattaroense*, Pfr. (*Hydrocena Sirkii*, Parr.), which, by its amphibious nature and by some differences in the structure of the animal itself, seems to belong to another family. The genus may be characterized by the following phrase: *testa perforata vel anguste umbilicata, globoso-turbinata vel turrata, circa perforationem carinata. Apertura ovalis. Peristoma disjunctum, rectum, vel expansum. Operculum tenue, corneum, paucispirale.*

Its known species are the following:—1. *O. aurantiaca*, Desh. (*Cyclost. Belangeri*, Pfr.); 2. *O. erosu*, Quoy & Gaim.; 3. *O. rubens*, Quoy & Gaim.; 4. *O. multilirata*, Pfr.; 5. *O. globosa*, Bens.; 6. *O. dubia*, Pfr.; 7. *O. expansilabris*, Pfr.; 8. *O. hieroglyphica*, Fér.; 9. *O. pupoides*, Anton.; 10. *O. rosea*, Gould; 11. *O. terebralis*, Gould; 12. *O. vallata*, Gould; 13. ?*O. scitula*, Gould.

13. DESCRIPTIONS OF NINETEEN NEW SPECIES OF LAND SHELLS, COLLECTED BY M. BOURCIER, CONSUL-GENERAL, QUITO. BY DR. L. PFEIFFER.

1. *CYCLOSTOMA (CYCLOPHORUS) BOURCIERI*, Pfr. *C. testa late umbilicata, orbiculata, conoidea, solida, subtiliter striata et lineis elevatis spiralibus, plus minusve confertis sculpta, epidermide fusco-olivacea vestita; spira breviter conoidea, vertice nudo, subpapillato; anfract.  $4\frac{1}{2}$ –5, convexis, lente accrescentibus, ultimo terete, antice subdescendente; apertura obliqua, subangulato-circulari, intus margaritacea; perist. simplice, recto, anfractui penultimo breviter adnato.*—*Operc. tenuissimum, corneum, arctispirale, extus concavum, intus nitidum, medio umbonatum.*

Diam. maj. 19, min. 15, alt. 9 mill.

*Hab.* prope Mindo, reipublicæ Æquatoris.

2. *CYCLOSTOMA HELICINIFORME*, Pfr. *C. testa obtecte umbilicata, conoideo-globosa, solidula, striatula, parum nitente, virenti-cornea; spira parvula, conoidea, acutiuscula; anfract. 6, convexiusculis, ultimo inflato, antice subascendente, pone columellam*

*profunde excavato, calloso; apertura subverticali, angulato-ovali; columella subverticali, retrorsum in dentem acutum desinente; perist. incrassato, albo, undique late expanso, reflexiusculo.—*  
*Operc. profunde immersum, rufo-corneum, paucispirale.*

Diam. maj.  $17\frac{1}{2}$ , min. 13, alt. 11 mill.

*Hab.* in valle Yaraqui, reipublicæ Æquatoris.

This shell is very like a *Helicina*, but the spiral operculum excludes it from that genus, and a subgeneric section of *Cyclostoma* must be formed for it.

3. *CLAUSILIA BOURCIERI*, Pfr. *C. testa vix rimata, fusiformi, solida, sublævigata, opaca, corneo-fusca; spira subturrita, apice obtusa; anfract. 9, planis, ultimo basi rotundato; apertura pyriformi-ovali, intus carnea; lamellis approximatis, supera valida, marginali, infera arcuatim ascendente; lunella nulla (vel imperfecta?); plica palatali 1, elongata, subcolumellari inconspicua; perist. libero, soluto, continuo, carneo, expanso, superne sinuoso.*

Long.  $17\frac{1}{2}$ , diam.  $4\frac{1}{2}$  mill.

*Hab.* Tunguragua, reipublicæ Æquatoris.

4. *HELIX SELENOSTOMA*, Pfr. *H. testa umbilicata, depressa, tenuissima, undique breviter pilosa, diaphana, fuscula, fasciis pluribus rufis, maculatim interruptis cincta; spira plana, medio subimmersa; anfract.  $4\frac{1}{2}$ , convexis, ultimo rotundato, antice vix descendente, circa umbilicum angustum, pervium subcompresso; apertura subverticali, rotundato-lunari, intus nitida; perist. tenui, sinuoso, marginibus convergentibus, supero late expanso, basali reflexo, columellari oblique ascendente, superne dilatato.*

Diam. maj. 26, min. 21, alt. 11 mill.

*Hab.* prope Gualea, reipublicæ Æquatoris.

Another new species from Mr. Cuming's collection, nearly allied to this, from the Andes of New Granada, may be described by the following phrasis :

*HELIX CATENIFERA*, Pfr. *H. testa umbilicata, depressa, tenui, confertim granulata, diaphana, pallide fuscescente, fasciis variis catenatim interruptis, rufis ornata; spira subplana; anfract. 5, convexiusculis, ultimo ventricoso, antice vix descendente, basi convexo; umbilico infundibuliformi; apertura subverticali, lunato-rotundata; perist. tenui, marginibus convergentibus, supero et basali vix expansis, columellari parum dilatato.*

Diam. maj.  $25\frac{1}{2}$ , min. 21, alt. 12 mill.

5. *HELIX GUAYAQUILENSIS*, Pfr. *H. testa umbilicata, depressa, discoidea, tenuiuscula, striatula, pallide lutescente, diaphana; spira plana; anfract. 5, planiusculis, lente accrescentibus, ultimo rotundato, antice non descendente, basi fasciis nonnullis opacis, albidis signato; umbilico lato; apertura obliqua, lunato-rotundata; perist. simplice, acuto, recto, marginibus conniventibus, supero subrependo.*

Diam. maj. 10, min. 9, alt.  $3\frac{1}{2}$  mill.

*Hab.* ad Babahoya, Guayaquil.

6. *HELIX BOURCIERI*, Pfr. *H. testa obtecte umbilicata, conoideo-semiglobosa, tenuiuscula, opaca, nigro-rufescente, strigis fulguratis epidermidis subhydrophanæ, ochraceæ elegantissime marmorata; spira subconoidea, apice obtusa; anfract. 5, parum convexis, ultimo obtuse angulato, antice perdeflexo, basi subplano, medio impresso; apertura horizontali, transverse oblonga, quadridentata: dentibus 2 subæqualibus superne, et in basi lateris dextri 2 minoribus, approximatis juxta columellam; perist. albo, marginibus callo junctis, supero sinuoso, late expanso, basali late reflexo, supra umbilicum dilatato, appresso.*

Diam. maj. 27, min. 24, alt. 15 mill.

*Hab.* Otoralo, reipublicæ Æquatoris.

7. *HELIX BITUBERCULATA*, Pfr. *H. testu umbilicata, globoso-depressa, solida, irregulariter striatu et minutissime granulata, nitidula, nigricanti-rufa; spira breviter fornicata, apice obtusa; anfract. 4, parum convexis, ultimo angulato, antice rotundato, breviter deflexo, basi inflato; apertura perobliqua, truncato-ovali, intus margaritacea; perist. violaceo-carneo, marginibus subparallelis, supero breviter expanso, basali reflexo, supra umbilicum angustum dilatato, tuberculis 2, approximatis introrsum munito.*

Diam. maj. 22, min.  $18\frac{1}{2}$ , alt. 12 mill.

*Hab.* prope Tunguragua, reipublicæ Æquatoris.

8. *HELIX ATRATA*, Pfr. *H. testa subobtecte umbilicata, sublenti-formi, solida, striata et minute granulata, virescenti-atra; spira parum elevata, vertice obtuso; anfract. 5, planiusculis, sensim accrescentibus, ultimo carinato, antrorsum superne turgido, deflexo, basi versus aperturam saccato; apertura perobliqua; subtrigonolunari; perist. crasso, albo, undique reflexo, marginibus callo crasso junctis, dextro supra basin dente 1, obtuse conico munito.*

Diam. maj. 44, min. 37, alt. 19 mill.

*Hab.* Puntophaya, reipublicæ Æquatoris.

9. *BULIMUS BOURCIERI*, Pfr. *B. testa imperforata, subfusiformi-ovata, solidula, longitudinaliter striata et concentricè subconfertim sulcata, parum nitida, carneo-grisea, obscurius variegata; spira conica, apice acuta; anfract. 6, planiusculis, ultimo spiram paulo superante, basi late et circumscripte carinato; apertura subverticali, subrhombico-ovali, basi angulata; perist. subincrassato, breviter expanso, extus et intus roseo, marginibus callo roseo junctis, dextro leviter arcuato, columellari superne subtorto, tum fere rectangule ad angulum basalem procedente.*

Long. 25, diam. 11 mill.

*Hab.* Pichincha, reipublicæ Æquatoris.

10. *BULIMUS FALLAX*, Pfr. *B. testa perforata, oblique ventricosonica, tenui, albida, obsoletissime lutescenti-variegata; spira conica, apice acutiuscula; anfract.  $5\frac{1}{2}$ , convexiusculis, ultimo spiram subæquante, irregulariter tumescente, basi oblique producto, compresso, angulato; apertura verticali, subtriangulari; perist. simplice, tenui, expanso, intus albo- vel rosco-labiato, interdum*

*tuberculis callosis munito, margine columellari perdeclivi, reflexo, supra perforationem adnato.*

Long. 24, diam. 12 mill.

*Hab.* Tunguragua, reipublicæ Æquatoris.

11. *BULIMUS NYSTIANUS*, Pfr. *B. testa vix perforata, ovato-conica, solidula, scabre striata et punctata, parum nitida, albida, strigis et maculis spadiceis dense variegata; spira conica, acutiuscula; anfract. 6, vix convexiusculis, rapide accrescentibus, ultimo ventricosus,  $\frac{4}{7}$  longitudinis subæquante, basi angulatim compresso; columella fusco-violacea, superne recedente, tum arcuatim ad angulum aperturae subrhombeo-ovalis progrediente; perist. simplice, breviter expanso, margine columellari superne breviter reflexo.*

Long. 32, diam. 15 mill.

*Hab.* in valle Pomasqui, reipublicæ Æquatoris.

12. *BULIMUS TRICOLOR*, Pfr. *B. testa subperforata, ovata, tenui, striata et minute granulata, olivaceo-fusca, strigis obliquis, interruptis, saturate castaneis fulgurata; spira ventricosus-conica, apice sanguinea, acutiuscula; sutura denticulato-marginata; anfract. 4, supremis 2 planiusculis, ultimis ventricosis, ultimo peroblique descendente, basi attenuato; columella simplice, vix arcuata; apertura parva, spiram vix superante, oblongo-ovali; perist. rufo-carneo, subincrassato, vix expanso, margine columellari superne dilatato, reflexo.*

Long. 42, diam. 21 mill.

*Hab.* Gualea, reipublicæ Æquatoris.

13. *BULIMUS GUTTULA*, Pfr. *B. testa perforata, ovato-conica, tenuissima, striata, pellucida, cornea; spira conica, apice obtusa; anfract. 5, convexiusculis, ultimo spiram paulo superante, rotundato; columella leviter arcuata; apertura obliqua, truncato-ovali; perist. simplice, tenui, breviter expanso, margine columellari fornicatim reflexiusculo.*

Long. 16, diam. 9 mill.

*Hab.* Gualea, reipublicæ Æquatoris.

14. *BULIMUS CATLOWIÆ*, Pfr. *B. testa subaperte umbilicata, ovato-conica, tenuiuscula, confertim striata, carnea, lineolis fulvidis confertis picta, vel nigro-violacescente, albido-lineata; spira conica, apice acutiuscula, cornea; anfract. 7, convexiusculis, ultimo spira brevior, basi vix compressulo; columella subrecedente; apertura subverticali, ovali-oblonga; perist. simplice, recto, margine dextro leviter arcuato, columellari dilatato, patente.*

Long. 25, diam. 11 mill.

*Hab.* prope Quito.

15. *BULIMUS CUNEUS*, Pfr. *B. testa imperforata, clavato-turrita, solida, lævigata, arcuatim irregulariter substriata, fulva; spira turrita, apice acutiuscula; sutura minute crenulata, linea impressa marginata; anfract. 10, planis, ultimo  $\frac{2}{7}$  longitudinis æquante, basi rotundato; columella leviter arcuata, anguste callosa, plana;*

apertura subrhombéo-ovali; *perist. simplice, recto, margine dextro levissime arcuato, basali cum columella angulum obtusum formante.*

Long. 63, diam. 16 mill.

*Hab.* in ripis fluvii Mira, reipublicæ Æquatoris.

16. *BULIMUS RIPARIUS*, Pfr. *B. testa imperforata, turrita, solida, striata, opaca, straminea; spira elongata, apice obtusiuscula; sutura lineari, confertissime crenulata, non marginata; anfract. 11, lente accrescentibus, planis, ultimo  $\frac{1}{4}$  longitudinis non æquante, basi rotundato; columella superne vix torta, tum verticaliter descendente; apertura parva, acuminato-ovali; perist. simplice, recto, margine dextro leviter arcuato, columellari reflexiusculo.*

Long. 53, diam. 11 mill.

*Hab.* cum præcedente.

17. *BULIMUS ÆQUATORIUS*, Pfr. *B. testa perforata, oblongo-ovata, solidula, irregulariter striata, carneo-albida, fasciis 3-4, latis, cæruleo-nigricantibus, subinterruptis ornata; spira convexo-conica, apice acutiuscula; anfract. 6, convexiusculis, ultimo spira brevior, basi rotundato; columella substricta; apertura subverticali, oblongo-ovali; perist. simplice, recto, margine dextro leviter arcuato, columellari brevi, angulatim late reflexo, patente.*

Long. 34, diam. 17 mill.

*β. minor, anfract. 6, fasciatus ut α.*

Long. 26, diam. 13 mill.

*γ. Albidus, irregulariter castaneo-strigatus.*

Long. 32, diam. 16 mill.

*Hab.* in republica Æquatoris, *α* in monte Schinchulagua, *β* et *γ* ad Chimborazo.

18. *BULIMUS ANTHISANENSIS*, Pfr. *B. testa imperforata, ovato-conica, solidula, rugoso-striata et granulata, sericea, castanea, fulvido et luteo marmorata; spira conica, apice acutiuscula; anfract.  $6\frac{1}{2}$ , subplanis, ultimo spiram æquante, basi subattenuato; columella callosa, substrictè recedente; apertura subverticali, semi-ovali, intus livida; perist. simplice, recto, margine dextro leviter arcuato, columellari superne calloso-dilatato, adnato, albo.*

Long. 40, diam. 17 mill.

*Hab.* in monte Anthisana, reipubl. Æquatoris, 14,000' supra oceanum.

19. *BULIMUS COTOPAXIENSIS*, Pfr. *B. testa perforata, oblongo-ovata, solidula, striata, lineis spiralibus (infra medium anfract. ultimi evanescentibus) granulato-decussata, sub epidermide fulvo-lutescente, fusco sæpe strigata vel interrupte fasciata, alba; spira convexo-conica, apice obtusiuscula; anfract. 6, parum convexis, ultimo spiram æquante, basi rotundato; columella substrictè recedente; apertura parum obliqua, ovali, intus alba, nitida; perist. simplice, obtuso, recto, margine dextro leviter arcuato, columellari dilatato, albo, fornicatim reflexo.*

Long. 24, diam. 16 mill.

*β. spira elongata, crebrius fusco-marmorata, lineis spiralibus anfract. ultimi usque ad basin conspicuis.*

Long. 35, diam. 15 mill.

*Hab.* Cotopaxi, reipubl. Æquatoris; var. *β.* in monte Cayembe.

14. DESCRIPTIONS OF EIGHTEEN NEW SPECIES OF LAND-SHELLS,  
FROM THE COLLECTION OF H. CUMING, ESQ.

By DR. L. PFEIFFER.

(Mollusca, Pl. XIII.)

1. VITRINA IRRADIANS, Pfr. *V. testa depressa, ambitu subauriformi, tenui, lineis impressis confertim arcuato-radiata, lineis irregularibus spiralibus obsolete decussata, diaphana, vix nitidula, superne cinnamomeo-cornea; spira parvula, subpapillatim elevata; sutura impressa, marginata; anfract. fere 4, planiusculis, rapide accrescentibus, ultimo depresso, basi convexiore; apertura perobliqua, lunato-subcirculari; perist. simplice, tenui, margine columellari regulariter arcuato.*

Diam.  $18\frac{1}{2}$ , alt. 8 mill.

*Hab.* in insula Ceylon.

2. VITRINA AMERICANA, Pfr. *V. testa depresso semiglobosa, tenuissima, lævigatissima, nitidissima, virenti-hyalina; spira parvula, vix elata; sutura subcrenulata; anfract.  $2\frac{1}{2}$ , convexiusculis, celeriter accrescentibus, ultimo subrotundato, subltusculo, anguste membranaceo-marginato; apertura fere diagonalis, lunato-rotundata; perist. simplice, regulariter arcuato, margine supero antrorsum subdilatato.*

Diam. maj. 4, min. 3, alt. 2 mill.

*Hab.* in Rebuspublicis Fœderatis Americæ Borealis.

Forma persimilis *V. annulata*, Stud., testa lævigatissima, apertura obliqua, etc. diversa.

3. HELIX BARRAKPORENSIS, Pfr. *H. testa subperforata, elevato-trochiformi, tenui, striatula, nitida, pellucida, fusco-cornea; spira conica, acutiuscula; sutura profunda; anfract. 6, convexis, lente accrescentibus, ultimo carinato, non descendente, basi convexiusculo; apertura vix obliqua, depressa, subangulato-lunari; perist. simplice, tenui, recto, margine columellari brevi, ad perforationem punctiformem reflexiusculo.*

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

*Hab.* ad Barrakpore, Indiæ (*Bacon*).

4. HELIX MÜHLFELDTIANA, Pfr. *H. testa latissime umbilicata, subdiscoidea, solida, rugoso-striata, lineis elevatis spiralibus superne decussata, nigricanti-castanea; spira vix elevata, apice obtusissima; anfract. 5, planiusculis, ultimo lato, depresso, acute carinato, antice tumido, profunde deflexo, basi irregulariter compresso; apertura subhorizontali, transverse ovali, intus cærulescenti-alba; perist. simplice, marginibus conniventibus, supero recto, incumbente, basali incrassato, subreflexo.*

Diam. maj. 47, min. 37, alt. 15 mill.

*Hab.* in Australia.