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singulis plumis fasciis latis brunneo-nigris ornatis; marginibus plumarum cinereis; intra margines lineis angustis nigris et albis ornatis; tectricibus alarum et tertiariis pallidè castaneo-rubris balteis irregularibus ziczac fasciatis; interspatiis balteorum cinereo-albis; mento genisque albis maculâ semilunari brunneâ ad apicem singulæ plumæ; pectore et corpore inferiore pallidè cervino-albis; plumis pectoris ordine macularum saturatè grisearum ad marginem ornatis.

Upper surface light chestnut-red, all the feathers crossed by broad bars of brownish black and margined with grey, within which are two narrow lines of black and white; wing-coverts and tertiaries light chestnut-red, crossed by irregular zigzag bars of black, the interspaces margined externally with greyish white; chin and sides of the face white, with a narrow crescent-shaped mark of brown at the tip of each feather; sides of the breast chestnut, each feather tipped with white, within which is an indistinct mark of deep black; chest and under surface pale buffy white, the feathers of the chest with a row of dark grey spots on each margin, giving that part a speckled appearance; primaries brown, narrowly edged with white; irides reddish orange; feet yellow; bill horn-colour.

Total length, male, 5 inches; bill, $\frac{1\frac{1}{8}}$; wing, $3\frac{1}{4}$; tarsi, $\frac{1\frac{1}{8}}$. Female, 6 inches; bill, $\frac{3}{4}$; wing, $3\frac{1}{2}$; tarsi, $\frac{3}{4}$.

Hab. Houtmann's Abrolhos, off the western coast of Australia.

Remark.—Like the rest of the genus, the male is much inferior in size to the female. The species is very nearly allied to, but much smaller than, *Hemipodius varius*.

“Description of twenty-two new species of Land-Shells, belonging to the collection of Mr. H. Cuming,” by Dr. L. Pfeiffer:—

1. *HELIX GRUNERI*, Pfr. *Hel. testâ umbilicatâ, depressâ, supernè planiusculâ, minutissimè punctato-striatâ, rufâ; anfractibus 5½ sensim crescentibus, planiusculis, ultimo rotundato, anticè vix deflexo; umbilico angusto, pervio; aperturâ subverticali, depressâ, latè lunari; peristomate incrassato, reflexo, marginibus callo tenui, supernè dentem arcuatum, validum, callosum formante junctis.*

Diam. 38, alt. 18 mill.

Locality unknown. A beautiful shell, next allied to *H. unguicula*, De Férussac, differing by the strong and arcuated tooth on the body of the penultimate whorl.

2. *HELIX OKENIANA*, Pfr. *Hel. testâ imperforatâ, orbiculari, utrinque convexiusculâ, obtusè carinatâ, undique regulariter granulatâ, supernè fuscâ, basi pallidâ; anfractibus 5½ rotundato-planatis, ultimo anticè deflexo, basi profundè bicrobiculo; aperturâ subhorizontali, ellipticâ, coarctatâ; peristomate carneo-fusco, incrassato, marginibus callo junctis, supero expanso, basali reflexo, tridentato; dentibus æquidistantibus, 2 minoribus prope columellam, tertio majore supernè sulcato.*

Diam. 37, alt. 17 mill.

Found on the island of Jamaica at Savannah la Mar, by M. Atta-

nasio. To be distinguished from *H. lucerna*, Müll., by having three teeth at the basal margin of the aperture.

3. *HELIX NEOGRANATENSIS*, Pfr. *Hel. testá imperforatá, depressá, carinatá, tenui, undique minutè granulósá, saturatè rufá; spirá vix elevatá; anfractibus 4½ planiusculis, ultimo basi convexo, anticè deflexo, constricto; aperturá perobliquá, lunato-rotundatá; peristomate carneo, simplice, expanso, reflexiusculo, marginibus callo tenui junctis, basali obsoletissimè unidentato, columellari brevi, dilatato, adpresso.*

Diam. 34, alt. 15 mill.

Found in the mountain Quendeu at New Granada.

4. *HELIX CINERASCENS*, Pfr. *Hel. testá imperforatá, globoso-turbinatá, tenuiusculá, stramineá, fasciis 2 latis et areá basali nigricantibus ornatá, epidermide tenui, hydrophand, cinereá, obductá; spirá breviter turbinatá, apice obtusá; anfractibus 5½ convexiusculis, ultimo basi inflato; columellá subarcuatá, carneo-fuscá; aperturá rotundato-lunari, intus albá; peristomate breviter expanso, subincrassato, castaneo-limbato.*

Diam. 41, alt. 37 mill.

Found by H. Cuming, Esq. at the island of Masbate.

5. *HELIX TURBO*, Pfr. *Hel. testá imperforatá, turbinatá, solidiusculá, distinctè striatá, sub epidermide tenuissimá, deciduá, flavescente albá, medio rufo-fasciatá; spirá brevi, conoideá, obtusá; anfractibus 5 convexis, ultimo obsoletè angulato, basi vix convexo; columellá strictá, dilatatá, albidá; aperturá irregulariter lunari; peristomate expanso, margine columellari dilatato, reflexo, rimam formante, cum basali angulatim juncto.*

Diam. 43, alt. 35 mill.

Hab. Isle of Mindoro.

6. *HELIX UNICOLOR*, Pfr. *Hel. testá umbilicatá, depressá, acutè carinatá, tenui, fuscá, supernè subtiliter striatá, subtùs lineis nonnullis spiralibus elevatis munitá; spirá depresso-conoideá; anfractibus 5 planiusculis, sensim accrescentibus, ultimo anticè non descendente, basi convexo, ad umbilicum angustum abruptè angulato; aperturá rhomboided; peristomate saturatè fusco, marginibus callo tenuissimo junctis, supero dilatato, expanso, basali ascendente, stricto, columellari brevi, dilatato, umbilicum semi-occultante, cum basali angulatim juncto.*

Diam. 32, alt. 16 mill.

Locality unknown. Constantly distinguished from *H. Xystera*, Valenc., by its narrow umbilicus, elevated spire, and the number of its whorls.

7. *HELIX OMPHALODES*, Pfr. *Hel. testá latè umbilicatá, depressá, solidá, leviter striatulá, sub epidermide flavescente, deciduá albá, ad peripheriam et suturam rufo-cingulatá; spirá vix convexá; anfractibus 5 planiusculis, ultimo anticè vix descendente, basi paulò convexiore, circa umbilicum magnum, spiralem, intus castaneum*

subcompresso ; aperturá perobliquá, lunato-ovali ; peristomate breviter reflexo, fusco, marginibus conniventibus.

Diam. 41, alt. 16 mill.

Locality unknown.

8. *HELIX INVOLUTA*, Pfr. *Hel. testá imperforatá, depressá, supernè convexiusculá, basi planiusculá, medio impressá, tenuissimá, striatulá, nitidissimá, corneá, fusco-radiatá ; anfractibus planè involutis, ultimo anticè obliquè depresso ; aperturá depressá, lunato-oblongá ; peristomate simplice, recto, marginibus utrinque centro testæ insertis, dextro antrorsum arcuato-dilatato.*

Diam. 18, alt. $7\frac{1}{2}$ mill.

Found on the mountains of Quendeu in New Granada.

9. *HELIX CAMPANULA*, Pfr. *Hel. testá umbilicatá, globosá, solidá, subtiliter et regulariter obliquè striatá, castaneá ; spirá semiglobosá, apice obtuso, pallido ; anfractibus $4\frac{1}{2}$ convexiusculis, ultimo antecedente vix latiore, anticè vix descendente, medio pallidè cingulato ; aperturá perobliquá, lunato-ovali, intus livescente ; peristomate fusco, subincrassato, breviter reflexo, marginibus callo junctis, basali introrsum obsoletè albo-unidentato, extrorsum dilatato, umbilicum angustum, profundum semi-occultante.*

Diam. 27, alt. 21 mill.

Locality unknown.

10. *HELIX LABIATA*, Pfr. *Hel. testá apertè perforatá, depressá, tenui, striatulá, supernè lineis concentricis obsoletè decussatá, basi lævigatá, nitidá, fulvá ; spirá planiusculá ; anfractibus 6 subplanulatis, ultimo dilatato, depresso ; aperturá latè lunari ; peristomate acuto, intus calloso-labiato, margine supero antrorsum rotundato, basali planè arcuato, columellari vix reflexiusculá.*

Diam. 40, alt. 20 mill.

Locality unknown. Distinguished from *H. citrina*, Linn., by the concentrical striæ, the number of its whorls, and the callus within the aperture.

11. *HELIX HANLEYI*, Pfr. *Hel. testá imperforatá, depressá, lenticulari, acutè carinatá, tenui, subtilissimè decussatá, nitidá, sulphurá, ad suturam et carinam albo-fasciatá ; spiræ parùm elevatá ; anfractibus 4 subplanulatis, ultimo anticè angulatim deflexo, constricto ; aperturá parvulá, horizontali, oblongá ; peristomate simplice, undique expanso et reflexo, marginibus ferè contiguís.*

Diam. 19, alt. 9 mill.

- β. *Testá supernè nigricanti-purpureá, ad aperturam albo-fasciatá, basi albidá, infra carinam castaneo-fasciatá.*

Found by Mr. Cuming at Sinait, island of Luzon. This fine shell is not unlike some varieties of the *Hel. bifasciata*, Lea, but constantly to be distinguished from that species by the angular deflection of its last whorl and by the shape of its small aperture.

12. *HELIX AMÆNA*, Pfr. *Hel. testá imperforatá, globoso-depressá, lineis longitudinalibus et spiralibus sub lente decussatá, albidá,*

fasciâ unicâ spadicedâ supra peripheriam et lineâ rufâ, suturali ornatâ; anfractibus 4 vix convexiusculis, ultimo obsolete angulato, anticè deflexo, basi parùm convexâ; aperturâ transversè lunari-oblongâ, intus concolore; peristomate simplice, marginibus subparallelis, dextro expanso, basali anticè reflexo, ad columellam dilatato, adpressè reflexo.

Diam. 18, alt. $10\frac{1}{2}$ mill.

Found by Mr. Cuming at Catanauan, island of Luzon. This species is likewise similar to several unkeeled varieties of *Hel. bifasciata*, but by examining a large number of specimens of this and the other ones, I found the above characters to be invariably constant.

13. *HELIX METCALFII*, Pfr. *Hel. testâ latè umbilicatâ, depressâ, discoideâ, acutè carinatâ, striatâ, pallidè vel rufescenti-corned, utrinque juxta carinam albam castaneo-unifasciatâ; spirâ vix elevata; anfractibus 6 vix convexiusculis, ultimo anticè vix descendente; aperturâ subtriangulâri; peristomate simplice, margine supero antrorsum arcuatim dilatato, depresso, basali ad columellum leviter arcuato.*

Diam. 21, alt. 7 mill.

β . *Minor, flavida, lineis angustis nigricanti-rufis juxta carinam.*
Diam. 17, alt. $5\frac{1}{2}$ mill.

γ . *Unicolor, fusco-cornea.* Diam. 15, alt. 5 mill.

Found by Mr. Cuming on the Philippine Islands and at Sibonga, island of Zebu; β . at Tanhay, island of Negros; γ . on the island of Siquijor. Distinguished from all species belonging to the same group by its flattened shape.

14. *HELIX TRISTIS*, Pfr. *Hel. testâ imperforatâ, ovato-globosâ, tenui, striatâ, lineis concentricis obsolete decussatâ, olivaceo-fuscâ, rufo 5-fasciatâ; spirâ parvulâ, conoideâ; anfractibus 4 convexiusculis, ultimo inflato; aperturâ lunato-ovalî, intus nitidâ; peristomate simplice, recto, margine columellari dilatato, reflexo, adpresso.*

Diam. 21, alt. 18 mill.

This species is said to be found in Sicily, but there may be a mistake.

15. *HELIX ADAMSII*, Pfr. *Hel. testâ imperforatâ, orbiculato-convexiusculâ, leviter striatâ, nitidissimâ, fulvescenti-luteâ, unicolore vel fasciis saturatè fulvis et castaneis multimode ornatâ et radiatâ; spirâ convexiusculâ, obtusâ; anfractibus $3\frac{1}{2}$ -4 vix convexiusculis, ultimo basi planiore; aperturâ rotundato-lunari; peristomate simplice, acuto, margine columellari subobliquo, dilatato, albo.*

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

Hab. Pitcairn's Island and Opara. Collected by Mr. Cuming.

The late patriarch of the island pointed out this shell to Mr. Cuming, and at his request I have the pleasure to dedicate it to the venerable man's memory.

• 16. *HELIX BAHAMENSIS*, Pfr. *Hel. testâ angustè umbilicatâ, de-*

pressá, tenui, cornéa, costulato-striatá; spirá brevi, convexiusculá; anfractibus 4½ vix convexiusculis, ultimo anticè deflexo; aperturá subhorizontali, transversè ovali; peristomate simplice, tenui, marginibus approximatis, supero breviter expanso, basali reflexo, intus dente triangulari, valido munito, columellari dilatato, reflexo, umbilicum angustum, pervium semitegente.

Diam. 17, alt. 7½ mill.

Hab. Bahamas.

17. *HELIX BERMUDENSIS*, Pfr. *Hel. testá umbilicatá, lenticulari, tenuiusculá, carinatá, leviter ruguloso-striatá, pallidè fulvescente, cingulo castaneo supra et latiore infra carinam ornatá; anfractibus 7 vix convexiusculis, lentè accrescentibus; umbilico angusto, pervio; aperturá subtrapeziá; peristomate simplice, recto, margine columellari verticali, brevi, reflexiusculo, cum basali angulum rectum formante.*

Diam. 19, alt. 10½ mill.

Hab. Bermuda.

18. *HELIX PENNANTIANA*, Pfr. *Hel. testá angustè umbilicatá, orbiculato-conoideá, acutè carinatá, tenui, striatá, irregulariter et leviter malleatá, unicolore carnéa, apice rufescente; anfractibus 5½ vix convexiusculis, ultimo anticè vix descendente, basi planiusculo; aperturá perobliquá, angulato-lunari, intus albá; peristomate roseo, latè expanso, margine basali reflexo, columellari brevi, strictiusculo, dilatato, umbilicum ferè tegente.*

Diam. 37, alt. 20 mill.

Hab. Philippine Islands?

Nearly allied to *H. labium*, Fér., from which it may easily be distinguished by its sharp keel and sculpture.

19. *BULIMUS LEOPARDUS*, Pfr. *Bul. testá imperforatá, ovatá, solidiusculá, longitudinaliter confertim costulato-striatá, fulvá, strigis et maculis albidis epidermidis hydrophanæ eleganter variegatá; spirá brevi, conoideá, sursum pallescente; anfractibus 5 convexis, rapidè accrescentibus, ultimo spiram superante; columellá elongatá, introrsum acutá; aperturá amplissimá, rotundato-ovalí, intus albá; peristomate latè expanso, reflexiusculo, castaneo-limbato.*

Long. 47, diam. 30 mill.

Hab. Isle of Mindanao, Philippine Islands.

20. *BULIMUS EGREGIUS*, Pfr. *Bul. testá perforatá, fusiformi, solidá, striis longitudinalibus confertis et lineis spiralibus remotioribus subdecussatá, nitidá, flammis castaneis pellucidis et fulvis, opacis egregiè pictá; anfractibus 6 vix convexiusculis, ultimo spiram turrítam æquante, basi compresso; columellá subangulato-arcuatá; aperturá oblongá, utrinque acutá, intus lividá; peristomate vividè rubro, latè expanso, breviter reflexo, basi canaliculato, marginibus callo tenui junctis.*

Long. 41, diam. 15 mill.

Locality unknown. Distinguished from *B. goniostoma*, Sow., by its size, colouring and widely expanded peristome.

21. *BULIMUS CANALICULATUS*, Pfr. *Bul. testá umbilicatá, obliquè fusiformi, ruguloso-striatá, nitidá, albido, carneo et spadiceo marmoratá; spirá turrítico-conicá, acutá; anfractibus 7 vix convexiusculis, ultimo spirá vix longiore, basi valdè constricto-carinato; columellá arcuatim antrorsum elongatá; aperturá ovali, basi canaliculatá; peristomate simplice, tenui, margine dextro vix expansiusculo, columellari dilatato, reflexo.*

Long. 37, diam. 14 mill.

Hab. Bolivia.

22. *BULIMUS CASTANEUS*, Pfr. *Bul. testá vix perforatá, ovato-acuminatá, solidiusculá, longitudinaliter confertim striatá, lineis spiralibus distantioribus decussatá, unicolore castaneá; spirá brevi, conicá, acutiusculá; anfractibus 4½ vix convexiusculis, ultimo inflato, 2-3 longitudinis subæquante; columellá tenui, subsimplice; aperturá ovali, intus saturatè fuscá, nitidá; peristomate vix incrassato, brevissimè reflexo, marginibus callo tenui junctis, columellari vix dilatato.*

Long. 70, diam. 39 mill.

Hab. Nova Granada; Vegas on the river Quendeu.

Nearly allied to *Bul. Gibbonius*, Lea; distinguished by its transverse striæ, closed umbilicus, peristome, etc.

“Description of a new species of *Amphipeplea*,” by Dr. L. Pfeiffer.

The shell I am describing belongs to the genus of freshwater shells distinguished by Nilsson from *Limnæus* under the name of *Amphipeplea*, and sufficiently characterized by the shape and habits of its animal, perfectly agreeing with our new species, according to Mr. Cuming's information, who first discovered it, and by whose name I am pleased to illustrate the species.

AMPHIPEPLEA CUMINGIANA, Pfr. *Amph. testá ovato-globosá, tenuissimá, longitudinaliter confertim striatulá, nitidissimá, pellucidá, pallidè corneá; spirá brevissimá, mucronulatá, callo tenui semi-obtectá; columellá nullá; margine anfractuum interno arcuato, appendice membranaceo (deciduo) munito; aperturá amplissimá, semi-ovalí, margine supero breviter arcuato, patente.*

Long. 30, diam. 22 mill.; apertura 26 mill. longa.

Found at Naga, province of South Camerines, island of Luzon, by H. Cuming, Esq.

Mr. Thompson of Belfast read a paper to prove that the *Larus capistratus*, Temm., is not a distinct species from *L. ridibundus*, and exhibited a series of specimens of both forms in different states of plumage obtained in the neighbourhood of Belfast. The differences between these supposed species are—

1st. In size; but a female specimen of *L. ridibundus*, with black hood, bill and legs arterial blood-red, was exhibited, agreeing in the size of body, tarsi, &c. with *L. capistratus*.

2nd. The colour of the tarsi and toes attributed to *L. capistratus*, and as distinguishing it from *L. ridibundus*, is a mere transition shade,