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incurved, subcompressed, convex externally, but less convex internally, and ending above and in front in a blunt spine; hand compressed, elevated, with the upper edge arched, but not so sharp as in *Notopus*; the sides convex and covered with asperities or minutely denticulated ridges, interrupted and transverse; finger uncinatè, very short, incurved; thumb narrow, compressed, elongated, with a sharp apex and a strong tooth near the distal extremity.

Feet short and weak, as in *Notopus*; the first tibia bicarinated; the tarsus subquadrate, anteriorly bicarinate, with a scalpel-shaped claw; the second tibia one-keeled, with the tarsus oblong, and a sharp elongated trigonal claw; the third tibia subtriangular; tarsus short, flattened, subtrigonal, with a falcate claw; fifth tibia triangular, very short, flattened; tarsus transverse-ovate, with a small narrow claw.

Abdomen of the male seven-jointed, the joints from the first to the sixth nearly of the same width as in *Notopus*, and the last joint trigonal.

Cosmonotus differs from *Notopus*, De Haan, by wanting the post-frontal, elevated, denticulated ridge; by the dorsal keel ending abruptly in front, instead of terminating in a central frontal spine; in the front being notched with a single small spine on each side; in the thorax being much compressed, more especially in front, and in the produced and angular shape, while in *Notopus* it is almost straight across in front; and in the sides being entire, with a short sharp spine at the antero-latero angle.

The cut represents this species of twice the natural size, and is named in compliment to J. E. Gray, Esq., F.R.S., Keeper of the Zoological Department in the British Museum.

December 12, 1847.

W. Spence, Esq., F.R.S., in the Chair.

The following papers were read:—

1. DESCRIPTIONS OF NINETEEN NEW SPECIES OF HELICEA, FROM THE COLLECTION OF H. CUMING, ESQ. BY DR. L. PFEIFFER.

1. *HELIX KURRI*, Pfr. *Hel. testâ mediocriter umbilicatâ, depressâ, tenui, punctis distantibus sub lente scabriusculâ, diaphand, corneo-albidâ, fasciâ 1 angustâ rufâ, alterâ obsoletâ infra peripheriam ornatâ; spirâ planâ; anfractibus $4\frac{1}{3}$, primis convexiusculis, ultimo sensim descendente, utrinque subplano, anticè subconstricto; aperturâ obliquâ, subtriangulari-lunari; peristomate simplice, tenui, marginibus conniventibus, supero latè expanso, basali reflexo, columellari brevi, triangulatim dilatato.*

Diam. 25, alt. 10 mill.

Locality unknown.

2. *HELIX GARDENERI*, Pfr. *Hel. testá subperforatá, turbinatá, solidá, striis longitudinalibus et spiralibus distantioribus decussatá, nitidá, castaneá; spirá elevatá, acutiusculá; anfractibus 6½ convexiusculis, ultimo majore, sublævigato, ad peripheriam cingulo albo ornato; aperturá obliquè lunari, intus albá; peristomate simplice, recto, margine columellari subincrassato, supernè subdilatato, perforationem ferè claudente.*

Diam. 22, alt. 15 mill.

Found on leaves of trees in the forests of Ceylon, 8000 feet above the level of the sea (Dr. Gardener).

3. *STREPTAXIS FUNCKI*, Pfr. *Str. testá subobtectè umbilicatá, depresso-ovatá, tenuiusculá, supernè confertim plicatá, basi lævigatá, sub epidermide tenui, corneo-albidá; spirá regulariter parùm elatá, apice obtusiusculá; anfractibus 6½ vix convexiusculis, ultimo deorsum deviante, prope suturam striatulo, basi convexo, juxta umbilicum mediocrem compresso; aperturá obliquá, subtriangulari; peristomate breviter expanso, margine basali leviter arcuato, columellari in laminam triangularem, fornicatim supra umbilicum reflexam, dilatato.*

Diam. 27½, alt. 16 mill.

From Merida, New Granada (Funck).

4. *BULIMUS QUADRICOLOR*, Pfr. *Bul. testá imperforatá, succiniformi, tenui, striatulá, luteá, strigis obliquis fulguratis confertis castaneis, nonnullisque latioribus stramineis, antrorsum serratis, infra medium evanescentibus pictá; spirá conicá, obtusiusculá; anfractibus 4 subplanis, ultimo parùm convexo, 2—3 longitudinis subæquante; columellá filari; peristomate undique brevissimè expanso, roscó, marginibus callo tenuissimo junctis.*

Long. 30½, diam. 14 mill.

From Chachopo, province of Merida, New Granada (Funck).

5. *BULIMUS LOVÉNI*, Pfr. *Bul. testá imperforatá, ovatá, tenui, longitudinaliter plicatá, fusco-luteá, strigis castaneis fulguratis elegantissimè pictá; spirá conicá, obtusá, apice subimpressá; anfractibus 4½ vix convexiusculis, supremis castaneis, penultimo inter plicas subtilissimè transversim striato, ultimo subtiliter malleato, 4—7 longitudinis æquante; columellá castaneá, supernè leviter plicatá; aperturá oblongo-ovalí, subconcolore; peristomate nigro-castaneo, undique expanso et reflexo, margine columellari supernè dilatato, appresso.*

Long. 42, diam. 20 mill.

From the Colonia of Tovar, Venezuela (Mr. D. Dyson).

6. *BULIMUS LAMARCKIANUS*, Pfr. *Bul. testá subperforatá, ovatá, solidá, striatá et undique distinctè granulatá, saturatè fuscá, punctis nigricantibus conspersá; spirá brevi, obtusiusculá; anfractibus 5 parùm convexis, ultimo ventrosiore, 3—5 longitudinis sub-*

aequante; columellâ obliquè leviter plicatâ; aperturâ oblongo-ovali, intus lividâ; peristomate subincrassato, expanso-reflexo, marginibus callo tenui junctis, columellari supernè dilatato, perforationem ferè occultante.

Long. 62, diam. 32 mill.

From the Andes of New Granada, 8000 feet high (Funck).

7. *BULIMUS BLAINVILLEANUS*, Pfr. *Bul. testâ subperforatâ, solidâ, ventroso-ovatâ, longitudinaliter confertim plicatâ, sub epidermide olivaceâ castaneâ, strigis sparsis nigricantibus fulguratis variegatâ; spirâ brevi, conicâ, ucutiussculâ; anfractibus $4\frac{1}{2}$, supremis planis, penultimo convexiusculo, ultimo ventroso, 3—5 longitudinis subaequante, perobliquè descendente; columellâ mediocriter plicatâ, paulò recedente; aperturâ oblongo-semiovali, intus nigricante, nitidâ; peristomate nigro, incrassato, latè expanso, marginibus callo tenuissimo junctis, columellari dilatato, plano, subappresso.*

Long. 50, diam. 25 mill.

From Zaji, province of Merida, New Granada (Funck).

8. *BULIMUS PLECTOSTYLUS*, Pfr. *Bul. testâ subperforatâ, ovato-conicâ, solidâ, regulariter et distinctè granulatâ, saturatè castaneâ, flammis brevibus albis infra suturam ornatâ; spirâ conicâ, obtusiusculâ; anfractibus 5 vix convexiusculis, superioribus plicato-striatis, ultimo tumido, anticè perobliquè descendente, 4—7 longitudinis subaequante; columellâ supernè plicâ validâ, subobliquâ, munitâ; aperturâ obversè auriformi, intus sordidè lilacèâ, nitidâ; peristomate undique expanso et reflexo, livido-fusco.*

Long. 35, diam. 17 mill.

From Chachopo, province of Merida, New Granada (Funck).

9. *BULIMUS VERANYI*, Pfr. *Bul. testâ subperforatâ, ovatâ, solidiusculâ, minutissimè granulatâ, fulvâ, punctis castaneis conspersâ et strigis luteis vel albis fulguratis distantibus ornatâ; spirâ conicâ, obtusiusculâ; anfractibus $4\frac{1}{2}$ convexiusculis, ultimo 3—5 longitudinis aequante; columellâ supernè subplicatâ, leviter arcuatâ; aperturâ oblongo-ovali, intus margaritacèâ; peristomate albo, undique mediocriter expanso.*

Long. 33, diam. 15 mill.

From Chachopo, province of Merida, New Granada (Funck).

10. *BULIMUS PERDIX*, Pfr. *Bul. testâ perforatâ, ovato-oblongâ, solidâ, confertim striatâ, albidâ, flammis, maculis et punctis nigricantibus pictâ; spirâ conicâ, apice obtusiusculâ; suturâ marginatâ; anfractibus $5\frac{1}{2}$ vix convexis, ultimo spiram subaequante, basi juxta perforationem angustam vix compresso; columellâ supernè obliquè plicatâ, leviter arcuatâ; aperturâ oblongâ, intus concolore; peristomate undique expanso, margine columellari subfornicato.*

Long. 36, diam. 15 mill.

From Agua de Obispo, New Granada (Funck).

11. *BULIMUS QUITENSIS*, Pfr. *Bul. testâ umbilicatâ, ovato-conicâ, solidulâ, ruguloso-striatâ, pallidè fuscèsciente, strigis variis fuscis*

et castaneis variegatá; spirá conicá, acutá; anfractibus 7 pluriusculis, ultimo convexo, spiram vix superante, basi juxta umbilicum angustum, apertum compresso, nigricante; columellá rectá, verticali, nigricante; aperturá oblongá, ad basin columellæ subangulatá, intus nigricanti-limbatá; peristomate simplice, recto, marginibus subparallelis, dextro supernè repanda, columellari dilatato, patente.

Long. 26, diam. 12 mill.

From Quito (De Lattre).

12. *BULIMUS IRREGULARIS*, Pfr. *Bul. testá umbilicatá, ovato-oblongá, solidulá, plicis confertis, longitudinalibus rugosá, carné, fusculo substrigatim variegatá; spirá conicá, acutiusculá, apice rufá; anfractibus 6 vix convexiusculis, ultimo spirá vix brevioré, circa umbilicum angustum, non pervium subangulato-compresso; columellá leviter arcuatá; aperturá ellipticá, basi subangulatá; peristomate simplice, recto, margine columellari e basi reflexo, supernè dilatato.*

Long. 19, diam. 9 mill.

From Quito, Equador (De Lattre).

13. *BULIMUS MERIDIONALIS*, Pfr. *Bul. testá perforatá, ovato-conicá, striatulá, diaphaná, albidá, fasciá 1 aurantio-fuscá cingulatá; spirá regulariter conicá, acutiusculá; anfractibus 7 convexiusculis, ultimo spirá brevioré, subrotundato; columellá leviter arcuatá; aperturá obliquá, truncato-ovali, intus concolore; peristomate simplice, breviter expanso, margine columellari supernè fornicato-reflexo.*

Long. 15, diam. 8 mill.

From South Africa.

14. *BULIMUS PELLUCIDUS*, Pfr. *Bul. testá subperforatá, turrítá, tenuissimá, striatulá, nitidá, pellucidá, lutescenti-corné; spirá elongatá, apice obtusá; anfractibus 7 convexiusculis, ultimo 1—3 longitudinis æquante; columellá subtortá; aperturá subquadrangulari-ovali; peristomate simplice, acuto, margine columellari breviter revoluto.*

Long. $11\frac{1}{2}$, diam. 4 mill. (spec. max.).

From Merida, New Granada (Funck).

15. *BULIMUS GRANADENSIS*, Pfr. *Bul. testá angustè perforatá, fusiformi-ovatá, tenui, irregulariter striatá, albidá, strigis vitellinis et maculis longitudinalibus nigricantibus seriatis ornatá; spirá conicá, acutiusculá; anfractibus 6 vix convexiusculis, ultimo spiram æquante; columellá rectá; aperturá ovali-oblongá, intus concolore; peristomate acuto, simplice, vix expansiuscula, margine columellari in laminam triangularem tenuem reflexo, perforationem ferè occultante.*

Long. 26, diam. 11 mill.

From Merida, New Granada (Funck).

16. *ACHATINELLA MIGHELSIANA*, Pfr. *Ach. testá ovato-coniformi, lavigatá, opacá, nitidá, nived, strigis cinereis variegatá; spirá*

conicâ, apice acutiussculâ; suturâ submarginatâ; anfractibus $5\frac{1}{2}$ convexis, ultimo infra medium lineâ nigricante (interdum duplicatâ) cincto; plicâ columellari validâ, dentiformi, basi castaneâ; aperturâ semiovali, fusco-marginatâ; peristomate simplice, acuto.

Long. 17, diam. 8 mill.

From Molokai, Sandwich Islands.

17. *ACHATINA MAGNIFICA*, Pfr. *Ach. testâ ovato-subfusiformi, tenuiusculâ, leviter striatulâ, haud nitente, luteâ, strigis et flammis virentibus et castaneis, fasciâque 1 luteo et castaneo articulatâ, supramediand variegatâ; spirâ conicâ, apice obtusissimâ; anfractibus $5\frac{1}{2}$ vix convexiusculis, ultimo spiram paulò superante; suturâ angustè marginatâ; columellâ rectâ, verticali, callo introrsum albo, extrorsum nigricante indutâ, basi rubrâ, ad basin aperturæ ellipticæ, intus cærulescenti-albidæ obliquè truncatâ.*

Long. 47, diam. 21 mill.

From Quito, Equador; in woods (De Lattre).

18. *ACHATINA FUNCKI*, Pfr. *Ach. testâ subperforatâ, ovato-conicâ, tenui, striatulâ, nitidâ, pellucidâ, stramineo-hyalinâ; spirâ conicâ, acutâ; anfractibus 6 convexis, ultimo spirâ paulò breviorè; aperturâ semiovali; pariete aperturali medio plicâ lævi, intrante munito; columellâ medio lamellatim truncatâ; peristomate simplice, acuto.*

Long. $12\frac{1}{2}$, diam. 6 mill.

From the province of Merida, New Granada (Funck).

19. *BALEA FUNCKI*, Pfr. *Bal. testâ sinistrorsâ, vix subrimatâ, turritâ, truncatâ, sublævigatâ, fuscâ; anfractibus (spec. trunc.) 5 convexiusculis, ultimo basi rotundato; aperturâ oblongo-semiovali, intus fulvâ; plicâ parietali validâ, compressâ, columellari obliquâ, obsoletâ; peristomate albo, expanso, reflexiusculo, marginibus callo junctis, externo sinuato.*

Long. (spec. trunc.) 14, diam. 4 mill.

From Chachopo, province of Merida, New Granada (Funck).

2. DESCRIPTION OF A NEW SPECIES OF VOLUTE. BY W. J. BRODERIP, Esq., F.R.S. ETC.

VOLUTA SIGNIFER. *Vol. testâ ovato-fusiforâ, longitudinaliter creberrimè lineatâ, subflavâ, signis spadiceo-brunneis irregularibus, interruptis vittatâ; spirâ mediocri, subtumidâ, apice subacutumammillari, glabro; anfractibus 3, ultimo longè maximo, subven-tricoso; labro acuto; columellâ quadriplicatâ, plicis magnis.*

Long. $3\frac{5}{8}$, lat. $1\frac{5}{8}$ poll.

Hab. In Oceano Orientali?

Two bands of detached, reddish-brown, irregular, interrupted spots wreath the spiral whorls, and three such bands, with a trace of a fourth, adorn the body-whorl. There is a wide interval between the upper two of the bands of the body-whorl, and the third and trace of the fourth on the same whorl. An irregular linear dash of the same colour connects the three uppermost of these bands longitu-