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turnal Lepidoptera are often almost impossible to describe, and it is only by the most accurate figures, or by comparison of specimens, that we can arrive at the determination of species.

I am indebted to Mr. Alfred Lambert of Sydney for the specimens figured and for the drawing of the larva. The following note accompanies the specimen:—

“The larva is figured in drawing No. 2. When I first found it I concluded that it was a *Cerura*, as in its habits it resembles the larva of that genus. It forms a strong cocoon, which is slightly attached to the trunk of the tree just below the surface of the ground. In form this cocoon is much like that of our common *Saturnia*, only exteriorly it is covered with points of sticks, grass, &c. The larva feeds on the *Eucalypti*, is found in January; the imago appears in July.”

From this it will be seen that it is a winter insect.

3. DESCRIPTION OF TWENTY-NINE NEW SPECIES OF HELICINA, FROM THE COLLECTION OF H. CUMING, ESQ. BY DR. L. PFEIFFER.

1. HELICINA ACUTA, Pfr. *Hel. testá depresso-conicá, solidulá, obliquè confertim striatá et subgranulatá, opacá, luteá, supernè rubro-unifasciatá; spirá conoideá, acutá, mucronatá; anfractibus ferè 6 planiusculis, acutè carinatis, ultimo basi planiusculo; aperturá perobliquá, subtriangulari; columellá subverticali, brevissimá, basi angulatá, supernè in callum basalem tenuissimum abiente; peristomate simplice, aurantiaco, margine supero subrecto, basali subincrassato.*

Diam. 15, altit. $7\frac{1}{2}$ mill.

From Sibonga, isle of Zebu; collected by Mr. Cuming.

2. HELICINA ADAMSIANA, Pfr. *Hel. testá depressá, tenuiusculá, sub lente seriebus confertis concentricis pustularum exiguarum subasperatá, nitidulá, diaphaná, rubellá; spirá brevissimè conoideá; anfractibus $5\frac{1}{2}$ planiusculis, ultimo depresso, peripheriá rotundato, anticè non scrobiculato; aperturá obliquá, subtriangulari; columellá verticali, brevissimá, basi subangulatá, supernè in callum tenuem, circumscriptum dilatatá; peristomate angulatim expanso, reflexiusculo, margine supero breviter soluto, stricto, basali prope columellam subdentato.*

Diam. 8, altit. $4\frac{1}{3}$ mill.

From Jamaica.

3. HELICINA AMENA, Pfr. *Hel. testá subsemiglobosá, solidiusculá, obliquè striatulá lineisque impressis concentricis distantibus sculptá, nitidulá, roseo et luteo vel albo variegatá; spirá convexá, mucronulatá; anfractibus $5\frac{1}{2}$ vix convexiusculis, ultimo infra medium carinato, basi subplano; aperturá obliquá, subtriangulari, intus flavá; columellá brevi, verticaliter subrimatá, basi angulosá, retrorsum in callum tenuem, diffusum abiente; peristomate simplice, margine supero latè expanso, basali reflexo.*

Diam. 15, altit. $9\frac{1}{2}$ mill.

From Honduras.

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4. *HELICINA BESCKEI*, Pfr. *Hel. testá subsemiglobosá, solidá, subtilissimè striatulá, sublævigatá, opucá, citriná unicolore vel fasciá 1 sanguineá juxta suturam ornatá, vel omnino rubicundá; spirá brevi, convexo-conoideá, submucronatá; anfractibus 5 subplanis, ultimo ad peripheriam cariná 1 acutá, pluribusque obtusioribus munito; aperturá obliquá, subtriangulari; columellá breviter recedente, basi obsoletè angulatá; peristomate expanso, subincrassato, margine supero strictiusculo, basali subarcuato; callo basali tenuissimo.*

Diam. 17, altit. 10 mill.

From Brazil (Bescke).

5. *HELICINA CAMPANULA*, Pfr. *Hel. testá campanulato-conicá, solidulá, lævigatá, nitidá, citriná; spirá elevatá, convexá, acuminatá; anfractibus 6 planiusculis, ultimo pone aperturam subconstricto, basi planulato; aperturá obliquá, semilunari-subtriangulari; columellá breviter recedente, basi subtruncatá, callum nitidum, semicircularem emittente; peristomate simplice, tenui, breviter expanso, margine basali strictiusculo.*

Diam. $8\frac{1}{3}$, altit. 7 mill.

From the island of Cuba.

6. *HELICINA CONCENTRICA*, Pfr. *Hel. testá depressè trochiformi, tenuiusculá, striis longitudinalibus et obliquis sub lente subtilissimè sculptá, lineis concentricis elevatis utrinque munitá, acutè carinatá, nitidulá, carneo-fuscá, albido variegatá; spirá conoides, subpapillatá; anfractibus $4\frac{1}{2}$ vix convexiusculis, ultimo utrinque convexiore; aperturá obliquá, subsecuriformi, latiore quam altá; columellá subrimatá, breviter arcuatá, basi incrassatá in callum album subcircumscriptum retrorsum dilatatá; peristomate simplice, breviter expanso, margine basali immediatè in columellam continuato.*

Diam. 10, altit. vix 6 mill.

From Venezuela and New Granada (De Lattre); a larger variety from Mirador, Mexico (Galeotti).

137, 148³ 7. *HELICINA CONSTRICTA*, Pfr. *Hel. testá parvâ, lenticulari, crassâ, sublævigatá, non nitidá, opacá, albidá, lineis undulatis rubris pictá; spirá vix elevatá, obtusá; anfractibus $4\frac{1}{2}$ planulatis, ultimo angulato, basi subturgido, pone aperturam constricto; aperturá obliquá, subtriangulari, intus rubrá; columellá simplice, callum crassiusculum albidum vel igneum retrorsum emittente; peristomate simplice, obtuso, latere dextro rotundato.*

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

From Otaheite and the Sandwich Islands.

8. *HELICINA CONVEXA*, Pfr. *Hel. testá convexo-orbiculatá, solidá, lævigatá, nitidá, albá; spirá fornicatá, nucronulatá; anfractibus $4\frac{1}{2}$, ultimis 2 convexiusculis, ultimo obsoletissimè angulato; aperturá integrá, obliquá, semilunari; columellá breviter arcuatá, retrorsum in callum crassum, concolorem abiente; peristomate incrassato, breviter expanso, margine basali à callo columellari incisurá levissimá separato.*

Diam. $6\frac{1}{2}$, altit. $4\frac{1}{2}$ mill.

Locality unknown.

9. *HELICINA CUMINGIANA*, Pfr. *Hel. testá subglobosá, tenuiusculá, longitudinaliter et confertim plicatulá, carnéá, rubro punctatá et variegatá; spirá brevi, conoideá, obtusiusculá; anfractibus $5\frac{1}{2}$ planiusculis, ultimo inflato, obsolete angulato; aperturá subverticali, semiovali; columellá basi dilatátá, antrorsum arcuatá, subtruncatá, retrorsum in callum basi crassum, supernè diffusum abiente; peristomate subincrassato, breviter expanso, albo.*

Diam. 21, altit. $16\frac{1}{2}$ mill.

Locality unknown.

10. *HELICINA DYSONI*, Pfr. *Hel. testá orbiculato-conoideá, solidiusculá, striatulá, nitidulá, carnéá, supernè fasciis 2 angustis, saturatoribus ornatá; spirá elatá, obtusiusculá; anfractibus 5 convexiusculis, lente accrescentibus, ultimo basi subplanato; aperturá obliquá, semiovali, altiore quam latá; columellá brevi, basi subtruncatá, callum albidum, lined subimpressá circumscriptum emitte; peristomate simplice, brevissimè reflexiusculo, margine utroque leviter arcuato.*

Diam. 8, altit. $5\frac{1}{2}$ mill.

β . *Minor, testá saturatè carnéá, supernè fasciis 2 angustis rubris et ad peripheriam 1 albá.*

γ . *Testá fulvo-rubellá, supernè fasciis 2 angustis saturatoribus.*

δ . *Minor, testá flavá, supernè fasciis 2 angustis fulvis, ad peripheriam 1 albá ornatá.*

From Cumana, Honduras (Dyson).

11. *HELICINA EXIGUA*, Pfr. *Hel. testá minutissimá, conicá, tenui, subtilissimè punctato-striatulá, pellucidá, pallidè cornéá; spirá conicá, obtusiusculá; anfractibus 5 perconvexis, ultimo obsolete angulato, basi planiusculo; aperturá obliquá, lunari; columellá breviter recedente, callum exiguum emittente; peristomate simplice, tenui.*

Diam. $2\frac{1}{2}$, altit. 2 mill.

From Honduras (Dyson).

12. *HELICINA FUNCKI*, Pfr. *Hel. testá conico-subglobosá, tenuiusculá, sub lente tenuissimè obliquè striatulá, vix nitidulá, flavidd, roseo-nebulosá; spirá conoideá, obtusiusculá; anfractibus $5\frac{1}{2}$ planiusculis, ultimo utrinque convexiore, obsolete angulato; aperturá obliquá, semiovali; columellá subarcuatá, lined impressá verticali notatá, basi subnodosá, in callum sensim tenuiorem retrorsum abiente; peristomate latè expanso, margine supero subrepando.*

Diam. $13\frac{1}{2}$, altit. 9 mill.

From San Yago, New Granada (Funck).

13. *HELICINA GONCHILA*, Pfr. *Hel. testá conoideo-subglobosá, tenuiusculá, supernè striis spiralibus obsolete sculptá et punctatá, nitidulá, fulvo-carnéá; spirá brevi, conoideá, subacutá; anfractibus 5 convexiusculis, ultimo obsolete angulato; columellá subarcuatá, lined impressá verticali notatá, basi subnodosá, in callum sensim tenuiorem retrorsum abiente; peristomate latè expanso, margine supero subrepando.*

tibus $4\frac{1}{2}$ *vix convexiusculis, ultimo medio subcarinato, luteo-cingulato, basi convexiore, distinctius concentricè striato; aperturà subobliquá, trianguláři-semiovali, altiore quam latá; columellá subrecedente, supernè lineam impressam, brevem, curvatam emittente, basi acutè dentatá; peristomate albo, rectangulè latè patente, margine basali substricto, cum columellá angulum acutiusculum formante.*

Diam. 10, altit. $6\frac{1}{2}$ mill.

From Venezuela.

14. *HELICINA GOSSEI*, Pfr. *Hel. testá depresso-globosá, solidá, pustulis seriatis subasperatá, nitidulá, fuscídulo-rubrá; spirá convexá; anfractibus* $4\frac{1}{2}$ *parum convexis, ultimo rotundato; aperturá trianguláři-semiovali, intus carneá, nitidá; columellá basi truncatá, retrorsum in callum crassum carneum abiente; peristomate subincrassato, expanso, juxta columellam vix emarginato.*

Diam. 19, altit. $13\frac{1}{2}$ mill.

From Jamaica (Gosse).

15. *HELICINA GUILDINGIANA*, Pfr. *Hel. testá depressá, tenuiusculá, sub lente subtilissimè granulatá, diaphaná, stramineá vel albidá, infra suturam fulvo-unifasciatá; spirá brevi, convexá; anfractibus 4 vix convexiusculis, ultimo subdepresso, basi vix convexiore; aperturá obliquá, subtrianguláři-semiovali; columellá brevi, excavatá, antrorsum in denticulum desinente, retrorsum in callum tenuem, semicircularem, flavescenstem expansá; peristomate tenui, breviter reflexo, margine supéro repando, basali incisurá levi à columellá separato.*

Diam. 8, altit. $4\frac{1}{2}$ mill.

Locality unknown.

16. *HELICINA HANLEYANA*, Pfr. *Hel. testá globoso-conicá, solidá, lineis concentricis, impressis, subdistantibus sculptá, vix diaphaná, nitidá, fulvo-carné; spirá breviter conoideá, obtusiusculá; anfractibus 5 vix convexiusculis, ultimo rotundato, anticè subdescendente; aperturá parum obliquá, subsemicirculari; columellá brevissimá, extrorsum denticulatá, callum tenuem, albidum, diffusum emittente; peristomate albo, vix expansiusculo, intus subincrassato, basi in denticulum columellæ abiente.*

Diam. $7\frac{1}{2}$, altit. $5\frac{1}{3}$ mill.

From New Orleans (Mr. Salle).

17. *HELICINA KIENERI*, Pfr. *Hel. testá conoideá, tenuiusculá, obliquè striatá, lineis concentricis confertis subtilissimè decussatá, albidá, fusco-violaceo marmoratá; spirá convexo-conoideá, acutá; anfractibus* $5\frac{1}{2}$ *vix convexiusculis, ultimo compressè carinato, basi convexiore; columellá recedente, planatá, supernè impressá, basi incrassatá in callum basalem tenuem abiente; aperturá obliquá, integrá, semiovali, altiore quam latá; peristomate simplice, tenui, latè expanso.*

Diam. 16, altit. $11\frac{1}{2}$ mill.

Locality unknown.

18. *HELICINA LINDENI*, Pfr. *Hel. testá globoso-conicá, tenuiusculá, subtilissimè striolatá et punctatá, subdiaphaná, pallidè stramineá vel carnéa; spirá conicá, acutiusculá; anfractibus 6 vix convexiusculis, ultimo inflato, obsoletè angulato; aperturá integrá, parum obliquá, semiovali, altiore quam latá; columellá leviter arcuatá, extrorsum in denticulum desinente, callum emittente exiguum, tenuem; peristomate breviter expanso, reflexiusculo.*

Diam. $11\frac{1}{2}$, altit. $8\frac{1}{3}$ mill.

From Tapinaba, Mexico (Linden).

19. *HELICINA ORBIGNYI*, Pfr. *Hel. testá depressá, sublenticulari, solidá, striatuld, vix nitidá, fusco-carnéa; spirá vix elatá; anfractibus $4\frac{1}{2}$ planiusculis, ultimo depresso, subangulato; aperturá obliquá, semiovali, altiore quam latá; columellá brevi, basi antrorsum dentatá, callum albidum, semicircularem retrorsum emittente; peristomate recto, subincrassato, juxta dentem columellæ non emarginato.*

Diam. $7\frac{1}{3}$, altit. 4 mill.

From the island of Cuba.

20. *HELICINA OWENIANA*, Pfr. *Hel. testá conicá, tenui, lævigatá, sub lente lineolis impressis, antrorsum obliquis subtilissimè sculptá, nitidá, pellucidá, stramineá, sursum saturatiore; spirá conicá, vertice obtusiusculo, castaneo; suturá lineari, albo-marginatá; anfractibus 6 planis, ultimo basi planiusculo; aperturá subobliquá, semiovali; columellá brevi, verticaliter rimatá, callum tenuissimum retrorsum emittente; peristomate aurantiaco, angulatim patente, reflexiusculo, margine utroque levissimè curvato.*

Diam. 9, altit. $7\frac{1}{2}$ mill.

From Chiapas, Mexico (Ghiesbreght).

21. *HELICINA PLICATULA*, Pfr. *Hel. testá depressè conoideá, soliduld, obliquè regulariter et elegantissimè plicatá, nitidá, cornéa; spirá brevi, conoideá, acutiusculá; anfractibus ferè 5 convexiusculis, ultimo supernè impresso, peripheriá obsoletissimè angulato; aperturá obliquá, semilunari; columellá brevissimá, simplice, in callum tenuissimum diffusá; peristomate subincrassato, carneo, margine supero sinuato, basali juxta columellam subdentato.*

Diam. 5, altit. 3 mill.

From the island of Martinique.

22. *HELICINA REEVEANA*, Pfr. *Hel. testá conicá, soliduld, striis incrementi distinctis et lineolis obliquis impressis confertissimis sub lente clathratuld, nitiduld, albidá, rufo nebulosá et tæniatá; spirá elevatá, acutiusculá; suturá impressá; anfractibus 6 convexiusculis, ultimo angulato, basi vix conveziore; aperturá subsemiovali, intus castaneá; columellá brevissimá, horizontaliter in callum parvulum, album, expansá; peristomate albo, angulatim patente, margine basali leviter arcuato, cum columellá extus subangulatim juncto.*

Diam. $8\frac{1}{2}$, altit. 6 mill.

From Cuba.

23. *HELICINA ROHRI*, Pfr. *Hel. testá conoideá, crassá, striatuld et submalleatá, opacá, vix nitiduld, stramineo-albidá vel purpureá, albo-fasciatá; spirá conoideá, acutiusculá; anfractibus 4½—5 planiusculis, ultimo supernè turgido, ad peripheriam cariná acutá, compressá, prominente munito, anticè deflexo, basi vix convexo; aperturá obliquá, parvuld, semiovali, altiore quam latá; columellá subsimplice, basi obsoletè tuberculatá, callum semicircularem album retrorsum emittente; peristomate recto, acuto, intus crassè albo-labiato, margine supero emarginato.*

Diam. 10, altit. 7 mill.

From the Marquesas Islands (Rohr).

24. *HELICINA SANGUINEA*, Pfr. *Hel. testá conoideo-orbiculatá, crassá, punctato-striatuld, opacá, sanguined; spirá brevi, conoideá, acutiusculá; anfractibus 4½ planis, ultimo utrinque convexiusculo, medio subangulato; aperturá obliquá, subtriangulari, altiore quam latá; columellá basi antrorsum dentatá, callum tenuem, semicircularem retrorsum emittente; peristomate recto, intus sublabiato, margine basali strictiusculo.*

Diam. 10½, altit. 6 mill.

Locality unknown.

25. *HELICINA (TROCHATELLA) SEMILIRATA*, Pfr. *Hel. testá conicoglobosá, solidá, opacá, flavidá, supernè confertim albo-liratá; spirá conicá, acutiusculá; anfractibus 5½ planiusculis, ultimo convexiusculo, carinato, basi subtilissimè concentricè striato; aperturá perobliquá, subtriangulari; columellá simplice, immediatè in marginem basalem abiente; peristomate incrassato, angulatim expanso, marginibus callo tenuissimo junctis, supero sinuato.*

Diam. 10½, altit. 7½ mill.

From Venezuela (Linden).

26. *HELICINA SOWERBIANA*, Pfr. *Hel. testá depressè trochiformi, tenuiusculá, lineis impressis spiraliter sulcatá, albá; spirá conicá, acutiusculá; anfractibus 6 planiusculis, ultimo subcarinato, basi convexiusculo; aperturá parum obliquá, subtriangulari; columellá tenui, basi nodiferá; peristomate simplice, angulatim expanso, margine supero sinuato; callo basali tenuissimo.*

Diam. 21, altit. 14 mill.

From Guatemala (De Lattre).

27. *HELICINA TENUILABRIS*, Pfr. *Hel. testá subglobosá, solidiusculá, sublævigatá, albo et cinnamomeo variegatá et subsfasciatá; spirá breviter conoideá, acutiusculá; anfractibus ferè 5 planiusculis, ultimo utrinque convexo, anticè vix descendente; aperturá obliquá, semiovali, intus cerasiná, pallido-fasciatá; columellá recedente, angustá, retrorsum in callum tenuem dilatatá, basi immediatè in peristoma tenue, expansiusculum, abiente.*

Diam. 10, altit. 7 mill.

Locality unknown.

28. *HELICINA TENUIS*, Pfr. *Hel. testá turbinatá, tenuissimá, vix*

striatula, pellucida, corneo-albida, rubro obsolete trifasciata; spirae conica, acuta; anfractibus 6 vix convexiusculis, ultimo basi planiusculo; apertura ferè verticali, triangulari-semiovali; columella brevi, basi retrorsum subdentata, supernè in callum nitidum, circumscriptum, dilatata; peristomate tenui, angulatim expanso, margine basali cum columellæ basi angulum formante.

Diam. 11, altit. $8\frac{1}{2}$ mill.

From Yucatan.

29. *HELICINA UNIDENTATA*, Pfr. *Hel. testâ depressâ, tenuiusculâ, 127-1953*
liris concentricis alternatim validis, obtusis et minoribus cinctâ, diaphanâ, nitidulâ, rubellâ; spirâ vix elevatâ; anfractibus $4\frac{1}{2}$ depressis, ultimo anticè descendente, basi medio profunde excavato; apertura perobliquâ, latè lunari; columellâ simplice, retrorsum in callum albidum circumscriptum dilatata; peristomate expanso, intus albo-labiato, margine basali prope columellam dente magno, prominente, instructo.

Diam. 5, altit. $2\frac{1}{2}$ mill.

From Honduras (Dyson).

4. DESCRIPTION OF A NEW SPECIES OF PARROT.

BY G. R. GRAY, ESQ., F.L.S. ETC.

(Aves, pl. 5.)

PSITTACUS RÜPPELLII.

Uniform dark bronze colour, with the lesser and under wing-coverts bright yellow; the feathers of the thighs orange-yellow.

Total length 9 inches 6 lines; bill, from gape, 10 lines; wings 5 inches 6 lines; tail 3 inches 3 lines; tarsi 6 lines.

The greater uniformity of colour at once distinguishes it from the allied species, *Psittacus Meyeri* and *P. rufiventris* of Dr. Rüppell.

The specimen from which this description is taken lived for upwards of twelve months in the Society's collection, and is believed to have been brought to this country from the river Nunez. I have named it in honour of my distinguished friend, whose labours have contributed so largely to our knowledge of African zoology.

The Meeting was adjourned by the Chairman until Tuesday, November 14th.