

wing with ill-defined whitish discoidal streak, in three portions; from costal margin near the apex three narrow spots, oblique; in middle of disc two large spots, and two on middle of posterior margin, broad, white; an indistinct marginal and submarginal pale brown line, the latter anteriorly spotted with white; hind-wing with broad white inner band, and very narrow line of whitish lunulate marks, bounded above with a lunular black spot; an indistinct black line between the band and the latter; an indistinct pale brown marginal line. Under-side ochreous-red, with darker margins, markings as above, the interstices with patches of black; spots at base of wings, and row of spots within the outer band and another row between the two bands of the hind-wing, black; marginal lines white. Abdominal margin and body greenish-grey. Expanse 3 inches.

Hab. Philippine Islands. In British Museum Collection.

26. *ATHYMA GUTAMA*, Moore. (Pl. LI. f. 7.)

Athyma Gutama, n. sp. Female.—Upper-side smoky-black; fore-wing with ill-defined brownish-white discoidal streak, straight, entire; three oblique spots from costal margin near the apex, and three to the middle of posterior margin, white, the first of the latter being large and oval, the second square, the third narrow; an ill-defined margin and submarginal brownish-white lines, the submarginal anteriorly being spotted with white; hind-wing with broad white inner band, and narrow brownish-white outer band; marginal line and line between the band brownish. Under-side rather paler, with markings as in upper-side, but more defined and all white, except the line between the bands of the hind-wing and an irregular line outside the oblique spots of the fore-wing, which are ochreous. Expanse $2\frac{3}{4}$ inches.

Hab. Manilla; Philippine Isles. In collections of the British Museum, and W. W. Saunders, Esq.

27. *ATHYMA VENILIA*.

Papilio Venilia, Linnæus, Syst. Nat. ed. 10. n. 120 (1767); Clerck, Icon. t. 32. f. 4; Fabricius, Ent. Syst. iii. 1, p. 134; Cramer, Pap. Exot. iii. t. 219. f. B. C.

Nymphalis Venilia, Godart, Enc. Meth. ix. p. 433.

Hab. Java; Ceram or Amboyna (*Madame Pfeiffer*). In collection British Museum, W. W. Saunders, Esq., and W. C. Hewitson, Esq.

3. DESCRIPTIONS OF ELEVEN NEW SPECIES OF LAND-SHELLS,
FROM THE COLLECTION OF H. CUMING, ESQ. BY DR. L.
PFEIFFER.

(Mollusca, Pl. XL.)

1. *HELIX WALLACEI*, Pfr. *T. subperforata, subconoideo-depressa, solidula, leviter striata, pallide isabellina, fusco-unizonata et*



1. *Cylindrella eximia*, 2. *Bulimus Mariæ*.
 3. *Helix Erickii*, 4. *H. Purchasi*, 5. *H. Wallacei*,
 6. *H. Acstado*, 7. *H. congrua*, 8. *Achatinella gemma*,
 9. *A. cinnamomea*, 10. *A. minuscula*, 11. *A. sulcata*.

punctis pellucidis nigricantibus conspersa; spira convexa, vertice subtili, prominulo; sutura albo-marginata; anfr. 5 vix convexiusculi, regulariter accrescentes, ultimus antice deflexus, basi pallidior, obsolete spiraliter sulcatus; apertura obliqua, late lunari-ovalis, intus saturate castanea; perist. rectum, marginibus remotis, columellari ad perforationem in luminam triangularem reflexo.

Diam. maj. 31, min. $26\frac{1}{2}$, alt. 17 mill.

β. Minor, punctis pellucidis pallidis, apertura intus alba, castaneo-unifasciata.

Hab. Macassar (Mr. Wallace).

2. **HELIX TESTUDO**, Pfr. *T. imperforata, trochiformis, solidula, striatula et rugis obliquis decussata, pallide isabellina, maculis et flammis fuscis picta; spira conoidea, acutiuscula; sutura carinato-marginata; anfr. 5 convexiusculi, regulariter accrescentes, ultimus acute carinatus, superne tumidus, antice vix deflexus, basi subplanulatus; apertura perobliqua, rhombeo-lunaris; perist. albidum, margine supero expanso, basali reflexo, columellari lato, planato, adnato.*

Diam. maj. 35, min. 28, alt. 17 mill.

Hab. Madagascar.

3. **HELIX CONGRUA**, Pfr. *T. imperforata, trochiformis, solidula, striatula, carnea, fasciis fuscis varie picta; spira subconcavo-conica, apice obtusiuscula; anfr. 6 convexiusculi, ultimus irregulariter inflatus, vix descendens, distinctius costulato-striatus, basi planiusculus, nitidior; apertura diagonalis, subtetragono-ovalis; perist. nigro-castaneum, expansum, extus striga lateritia cinctum, marginibus callo nigricante junctis, dextro dilatato, columellari lato, complanato.*

Diam. maj. 29, min. 25, alt. 24 mill.

Hab. Admiralty Islands (Dr. Purchas).

4. **HELIX PURCHASI**, Pfr. *T. imperforata, globoso-depressa, tenuissima, confertissime plicatula et sub lente subdecussata, æneomicans, pellucida, pallide cornea; spira breviter conoidea, obtusa; sutura marginata; anfr. vix $3\frac{1}{2}$ planiusculi, rapide accrescentes, ultimus non descendens, medio carina compressa, acuta, alba munitus, subtus inflatus, basi gibbosus; apertura ampla, obliqua, late angulato-lunaris; perist. tenue, breviter reflexum, margine columellari arcuato, compresso, subcalloso, juxta foveam centram non dilatato.*

Diam. maj. 23, min. $17\frac{1}{2}$, alt. $13\frac{2}{3}$ mill.

Hab. Admiralty Islands (Dr. Purchas).

5. **HELIX FRICKI**, Pfr. *T. late umbilicata, lentiformis, tenuiuscula, striata, corneo-lutescens, strigis et maculis rufis ornata; spira breviter conoidea; sutura marginata, subexcavata; anfr. 7 plani vel concaviusculi, ultimus subdeflexus, acute carinatus, circa um-*

bilicum ($\frac{1}{4}$ diametri superantem) tumidulus; apertura obliqua, securiformis, ringens; lamellis 2 in pariete aperturali, nulla in margine columellari, 4 minoribus in basali, 1 in supero; perist. rectum, acutum.

Diam. maj. 8, min. $7\frac{1}{2}$, alt. 3 mill.

Hab. Sandwich Islands (Dr. Frick).

Differt ab *H. lamellosa*, Fér., sculptura, umbilico lato et deficiente plica columellari.

6. *ACHATINELLA* (NEWCOMBIA) *CINNAMOMEA*, Pfr. *T. imperforata, sinistrorsa, fusiformi-turrita, solidula, opaca, longitudinaliter plicatula, spiraliter sublirata et brevissime granulata, cinnamomea; spira elongata, subrectilinearis, apice acutiuscula; sutura subsimplex; anfr. 6 vix convexiusculi, superi fusco et albido marmorati, ultimus $\frac{2}{5}$ longitudinis subæquans, infra medium attenuatus, castaneus; columella simplex, recedens; apertura parum obliqua, semiovalis, basi subangulata; perist. simplex, rectum, acutum.*

Long. 19, diam. 5 mill.; ap. $7\frac{2}{3}$ mill. longa, 3 lata.

Hab. Sandwich Islands (Dr. Frick).

7. *ACHATINELLA* (NEWCOMBIA) *GEMMA*, Pfr. *T. subimperforata, sinistrorsa, oblongo-turrita, solidiuscula, striatula et spiraliter lirata (liris planiusculis, conferte sulcatis), alba; spira turrita, apice acutiuscula; sutura submarginata; anfr. 7, superi plani, obsolete fusco-variegati, sequentes convexiusculi, ultimus $\frac{3}{5}$ longitudinis subæquans, medio lira acutiore subcarinatus; columella leviter plicata; apertura parum obliqua, obauriformis; perist. subsimplex, margine columellari subreflexo, externo expansiusculo.*

Long. 17, diam. $6\frac{1}{2}$ mill.; ap. 7 mill. longa, 3 lata.

β. *Fulvo-lutescens, anfractibus superis saturate corneo-strigatis.*

Hab. Sandwich Islands (Dr. Frick).

8. *ACHATINELLA* (NEWCOMBIA) *SULCATA*, Pfr. *T. subperforata sinistrorsa, oblongo-turrita, solidula, striatula et liris confertis, in anfr. superioribus compressis, tum rotundatis cincta, castanea, nitidula; spira regulariter attenuata, apice acutiuscula; sutura subsimplex; anfr. fere 6 planiusculi, supremi albo-flammulati, ultimus $\frac{2}{5}$ longitudinis subæquans, basi saccatus, saturatius castaneus; columella levissime plicata; apertura obliqua, acuminato-ovalis; perist. tenue, margine columellari superne dilatato, reflexo, externo expansiusculo.*

Long. $12\frac{1}{2}$, diam. $5\frac{2}{3}$ mill.; ap. $5\frac{2}{3}$ mill. longa, $3\frac{1}{3}$ lata.

Hab. Sandwich Islands (Dr. Frick).

9. *ACHATINELLA* (NEWCOMBIA) *MINUSCULA*, Pfr. *T. subimperforata, sinistrorsa, ovato-turrita, tenuiuscula, sub lente minute decussata, vix nitidula, fuscescenti-albida; spira turrito-conica, apice obtusiuscula; sutura simplex; anfr. 5 vix convexiusculi, mediani fusco-variegati, ultimus spira paulo brevior, fascia fusca*

circumdatus et basi rotundata fusco-areolatus; columella vix plicata; apertura parum obliqua, semiovalis; perist. simplex, acutum, margine columellari superne dilatato, reflexo.

Long. 10, diam. 5 mill.; ap. $4\frac{1}{2}$ mill. longa, $2\frac{2}{3}$ lata.

Hab. Sandwich Islands (Dr. Frick).

10. *CYLINDRELLA EXIMIA*, Pfr. *T. vix rimata, cylindraceuturrata, solidula, confertissime subgranulato-striata, opaca, pallide violaceo-fulvida; spira sensim attenuata, late truncata; anfr. superst. 8 vix convexiusculi, supra suturam interstitiis nudis subcrenati, ultimus vix solutus, basi acute carinatus; apertura subcircularis, basi angulata; perist. tenue, undique expansiusculum.*

Long. 27, diam. medio $7\frac{1}{2}$ mill.; ap. diam. 5 mill.

Hab. —?

11. *BULIMUS MARIE*, Albers. *T. anguste umbilicata, oblongoconica, solida, sublævigata, alba, punctis et strigis obsoletis corneis plerumque notata; spira conica, acuta; anfr. $6\frac{1}{2}$ convexiusculi, ultimus spiram subæquans, basi vix attenuatus; columella plica parvula, dentiformi munita; apertura vix obliqua, acuminato-oblonga, intus fusca; perist. rectum, margine dextro leviter arcuato, columellari sursum dilatato, patente.*

Long. 33, diam. 14–15 mill.; ap. 16–17 mill. longa, $7\frac{1}{2}$ lata.

β . *Anfractibus superis corneis, lacteo punctato-strigatis, ultimo strigis lacteis denticulatis et violaceo-corneis alternantibus picto.*

Hab. Texas.

4. DESCRIPTION OF A NEW CYRENA FROM CEYLON, AND OF NEW SIPHONARIÆ. BY SYLVANUS HANLEY, F.L.S., ETC.

CYRENA TENNENTII. *Testa ovato-subtrigona, solida, ventricosa, inæquilaterali, sublævigata, epidermide tenui impolita fuscolutescente vestita: umbonibus tumidis, decorticatis, valde prominentibus, vix obliquis; latere antico anguste rotundato; latere postico longiore subattenuato, ad extremitatem obtuse rotundato; margine ventrali arcuato; margine dorsali antice declivi, convexo, postice subdeclivi, convexiusculo; lunula nulla; superficie interna albido-violascente; dentibus lateralibus brevibus, validis, obtusis; antico approximato, postico remoto: sinu palliari brevissimo, acutissimo.*

Long. 13 lin., lat. 18 lin.

Hab. In fluvio Ariho Taprobanensi.

This remarkable-looking species, which reminds one slightly of *Gnathodon cuneatus*, forms part of the interesting collection of Sir Emerson Tennent, who took it from the pools of the Ariho River (which flows into the Gulf of Mancar), below the great stone dam, by which it was intended to divert the water, in order to supply the Giant's Tank.