

PROCEEDINGS
OF THE
SCIENTIFIC MEETINGS
OF THE
ZOOLOGICAL SOCIETY
OF LONDON

FOR THE YEAR

1861.



PRINTED FOR THE SOCIETY,
AND SOLD AT THEIR HOUSE IN HANOVER SQUARE.

LONDON :

MESSRS. LONGMAN, GREEN, LONGMANS, AND ROBERTS,
PATERNOSTER ROW.

PARIS :
M. J. ROTHSCHILD,
14, RUE DE BUCY.

LEIPZIG :
M. J. ROTHSCHILD,
2, QUERSTRASSE.

6. DESCRIPTIONS OF FORTY-SEVEN NEW SPECIES OF LAND-SHELLS, FROM THE COLLECTION OF H. CUMING, ESQ. BY DR. L. PFEIFFER.

(Plates II. & III.)

1. *HELIX TROCHISCUS*, Pfr. *T. imperforata, conica, solidula, lærigata, nitidissima, pellucida, cornea ; spira convexo-conica ; sutura submarginata ; anfr. 5½ convexiusculi, ultimus rotundatus, non descendens ; apertura subverticalis, lunaris ; perist. simplex, rectum, marginibus remotis, columellari brevi, substricto, calloso-subincrassato.*

Diam. maj. 5, min. 4½, alt. 4½ mill.

Hab. Siam (*M. Mouhot*).

2. *HELIX IGNESCENS*, Pfr. (Pl. II. fig. 1). *T. subperforata, globoso-depressa, vitrinoidea, tenuis, striatula et striis impressis spiralibus sub lente decussatula, pellucida, nitidissima, corneo-ignescens ; spira parum elevata ; anfr. 4½ rapide accrescentes, convexiusculi, ultimus ventrosus, non descendens ; apertura fere diagonalis, rotundato-lunaris ; perist. simplex, rectum, marginibus vix conniventibus, dextro antrorsum subarcuato, columellari arcuato-declivi, filari, superne anguste reflexo.*

Diam. maj. 27½, min. 23, alt. 15 mill.

Hab. Isle of Batchian, Moluccas (*Mr. Wallace*).

3. *HELIX SUBCORNEA*, Pfr. *T. subclause perforata, depressa, tenuis, lærigata, albido-cornea ; spira vix conoideo-elevata, vertice subtili ; sutura filo marginata ; anfr. 7½ convexiusculi, ultimus vix latior, basi convexior ; apertura verticalis, auriformi-lunaris ; perist. simplex, rectum, margine columellari longe declivi, subincrassato.*

Diam. maj. 13⅔, min. 12⅓, alt. 6 mill.

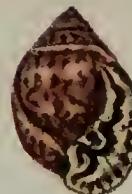
Hab. Siam (*M. Mouhot*).

4. *HELIX CÆSIA*, (NANINA) Pfr. *T. perforata, depressa, tenuis, pellucida, corneo-grisea, superne striatula, parum nitens, sub lente lineis spiralibus sculpta, subtus radiato-striata, nitidior ; spira breviter conoidea, vertice subtili ; sutura levis ; anfr. 6 planiusculi, regulariter accrescentes, ultimus medio subcarinatus, basi convexiusculus ; apertura obliqua, late lunaris ; perist. simplex, rectum, marginibus remotis, columellari decliri, ad insertionem vix dilatato.*

Diam. maj. 17, min. 15½, alt. 8 mill.

Hab. Admiralty Islands.

5. *HELIX FARADENSIS*, Pfr. *T. anguste umbilicata, depresso-turbinata, solidula, superne arcuato-striata, lineisque spiralibus sub lente conspicuis sculpta, lutescenti-cornea ; spira conoidea, vertice minuto ; anfr. 5 convexiusculi, ultimus latus, rotundatus, subtus radiato-striatus, nitidior ; apertura obliqua, rotundato-*



1 *Helix ignescens*. 2 *Pythia wallacii*. 3 *Limicolaria turris*.

4 *Helix nodifera*. 5 *H. batchianensis*. 6 *Helix rhyncostoma*.

7 *Clausilia taylori*. 8 *Orthalicus mars*.





- 1 *Cyclotus batchianensis* 2 *Simpulopsis cummingi* 3 *Helix atro-fusca*
 4 *Bulimus hepatostomus*. 5 *Bulimus pan* 6. *Achatina plantii*
 7 *Leptopoma puhcarium* 8 *Helix expansa* 9 *Leptopoma globulosum*
 10 *L. decipiens*



lunar is, intus submargaritacea; perist. simplex, rectum, marginibus vix convergentibus, columellari superne subdilatato.

Diam. maj. 20, min. 17, alt. 12 mill.

Hab. Parada, Mexico (*M. Sallé*).

6. **HELIX CARMELIENSIS**, Pfr. *T. anguste umbilicata, de pressa, tenuis, sublævigata, pellucida, cornea, rufo indistincte radiata; spira convexa; anfr. 4½ convexiusculi, lente accrescentes, ultimus rotundatus, non descendens; apertura obliqua, lunaris; perist. simplex, rectum, marginibus distantibus, columellari superne vix dilatato.*

Diam. maj. 3½, min. 3, alt. vix 2 mill.

Hab. Mount Carmel.

7. **HELIX GASSIESI**, Pfr. *T. umbilicata, discoidea, carinata, tenuis, arcuato-striata et lineis impressis obliquis sub lente decussatula, nitida, lutescens, flammis crebris castaneis fulgurata; spira immersa; anfr. 4 convexiusculi, rapide accrescentes, ultimus magnus, utrinque convexior, medio subacute carinatus; apertura obliqua, subtriangulari-lunaris; perist. simplex, acutum, marginibus conniventibus.*

Diam. maj. 8½, min. 7½, alt. 3 mill.

Hab. Erumanga, New Hebrides (*Mr. Turner*).

8. **HELIX BATCHIANENSIS**, Pfr. (Pl. II. fig. 5). *T. angustissime umbilicata, conoidea, solida, oblique striata, fusca; spira convexo-conoidea, apice acutiuscula; sutura levis, carinato-marginata; anfr. 7, supremi plani, sequentes convexiusculi, ultimus carinatus, non descendens, basi profunde excavatus; apertura diagonalis, rotundato-lunaris; perist. rectum, marginibus distantibus; dextro subsimplici, basali incrassato, ad insertionem flexuose ascende nte.*

Diam. maj. 20½, min. 18½, alt. 11½ mill.

β. *Major, anfr. 8½, ultimo infra carinam præcedentis recedente.*
Diam. 23½, alt. 14 mill.

Hab. Isle of Batchian (*Mr. Wallace*).

9. **HELIX RHYNCHOSTOMA**, Pfr. (Pl. II. fig. 6). *T. anguste umbilicata, trochiformis, acute carinata, tenuiuscula, striatula et sub lente minutissime granulata, carne a, fasciis 2 rufis, altera supera, altera latiore basali ornata; spira conica, obtusiuscula; sutura carinato-marginata; anfr. 6 subplani, lente accrescentes, ultimus antice vix descendens, basi subplanus; apertura per obliqua, subtriangularis; perist. tenuc, marginibus distantibus, supero vix expanso, ad dextram in rostrum reflexo, basali breviter reflexo, columellari dilatato, umbilicum occultante.*

Diam. maj. 25, min. vix 22, alt. 17 mill.

Hab. Isle of Batchian (*Mr. Wallace*).

10. **HELIX NODIFERA**, Pfr. (Pl. II. fig. 4). *T. umbilicata, trochiformis, carinata, tenuiuscula, striatula, diaphana, pallide lu-*

tescens; spira conoidea, apice acutiuscula; sutura levis; anfr. 5 convexiusculi, ultimus non descendens, medio acute albo-carinatus, utrinque convexior; apertura diagonalis, subrhombica; perist. late expansum, marginibus subparallelis, columellari supra umbilicum angustum fornicatim reflexo, intus nodulo circumscripto munito.

Diam. maj. 30, min. 24, alt. 18 mill.

Hab. Isle of Batchian (Mr. Wallace).

11. **HELIX OCCULTA**, Pfr. *T. anguste umbilicata, globoso-depressa, tenuis, sub lente undique tenuissime granulata, fuscata; spira vix elevata; anfr. 4 convexiusculi, ultimus latus, antice deflexus et subconstrictus, basi ventrosior; apertura magna, obliqua, lunato-ovalis; perist. albo-callosum, marginibus approximatis, dextro expanso, basali reflexo, supra umbilicum dilatato.*

Diam. maj. 12, min. 10, alt. 7 mill.

Hab. Aru Islands (Mr. Wallace).

12. **HELIX ATROFUSCA**, Pfr. (Pl. III. fig. 3). *T. umbilicata, deppressa, tenuiuscula, conferte striata, atro-fusca, fascia unica suturali lutescente ornata; spira conoideo-convexa, vertice corneo; anfr. 4½ convexi, rapide accrescentes, ultimus depresso-rotundatus, antice leviter descendens, circa umbilicum mediocrem excavatus; apertura ampla, diagonalis, lunato-ovalis, intus margaritacea, coloribus perlucentibus; perist. album, late expansum et reflexiusculum, marginibus convergentibus, columellari superne dilatato, tunc intus tuberculo rotundato munito.*

Diam. maj. 32, min. 25, alt. 15 mill.

Hab. Isle of Batchian (Mr. Wallace).

13. **HELIX EXPANSA**, Pfr. (Pl. III. fig. 8). *T. umbilicata, deppressa, tenuis, striatula, superne vix nitidula, carnea, antrorsum cinnamomea; spira plana, subimmersa; anfr. 4 convexiusculi, rapide accrescentes, ultimus magnus, depresso-rotundatus, antice vix descendens, subtus distinctius striatus, albidos, nitidus, pone aperturam gibbosso-inflatus et constrictus; apertura ampla, perobliqua, lunato-circularis; perist. tenue, marginibus convergentibus, dextro horizontaliter abeunte, late expenso, basali reflexo.*

Diam. maj. 22, min. 17½, alt. 10 mill.

Hab. Isle of Batchian (Mr. Wallace).

14. **HELIX LEUCOTROPIS**, Pfr. *T. anguste umbilicata, deppressa, solidula, conferte striatula, nitidula, carnea; spira breviter conoidea; sutura albo-marginata; anfr. 4½ convexiusculi, ultimus carina compressa, acuta, alba munitus, antice vix descendens, basi convexior; apertura obliqua, subrhombico-lunaris; perist. tenue, marginibus convergentibus, supero breviter expanso, basali reflexo, ad insertionem dilatato.*

Diam. maj. 18, min. 15, alt. 8 mill.

Hab. Aru Islands (Mr. Wallace).

15. **STREPTAXIS SINUOSA**, Pfr. *T. profunde arcuato-rimata, oblique oblonga, tenuiuscula, lœvigata, nitida, vitreo-albida; spira subconoidea, vertice valde excentrico, minuto; anfr. 5½ convexiusculi, ad suturam striatuli, penultimus gibbosus, ultimus antrorum aberrans, loco umbilici profunde excavatus; apertura diagonalis, late lunaris, lamina parva linguæformi parietali coarctata; perist. flexuosum, callosum, reflexum, margine dextro superne tenui, sinuoso.*

Diam. maj. $8\frac{1}{2}$, min. $6\frac{1}{3}$, alt. 5 mill.

Hab. Cochin China.

16. **STREPTAXIS EBURNEA**, Pfr. *T. oblique perforata, subglobosa, superne minute striata, eburneo-albida; spira convexo-conica; anfr. 6½ parum convexi, 1½ ultimi antrorum deviantes, ultimus inflatus, lœvigatus; apertura perobliqua, subtriangulari-lunaris, dente linguæformi parietali coarctata; perist. callosum, album, expansum et reflexum, margine supero intus dente 1 acuto munito.*

Diam. maj. 11, min. 9, alt. 7 mill.

Hab. Cochin China.

17. **BULIMUS PAN**, Pfr. (Pl. III. fig. 5). *T. perforata, conicovata, solida, lœvigata, nitida, alba, fasciis nigro-castaneis ornata; spira conica, sursum fulvicans, apice obtusa; anfr. 5½ planiusculi, ultimus spira brevior, medio carinatus (carina antice evanescens), basi rotundatus; apertura subverticalis, truncato-ovalis; perist. tenui, margine dextro superne sinuato, tum sublate patente, columellari stricte ascende, fornicatum reflexo.*

Long. 30, diam. 16 mill.

Hab. Philippine Islands.

18. **BULIMUS HEPATOSTOMUS**, Pfr. (Pl. III. fig. 4). *T. perforata, subfusciformi-oblonga, solidula, sublœvigata, alba, strigis sparsis fuscis signata; spira conica, acutiuscula; sutura submarginata; anfr. 6 modice convexi, ultimus spiram paulo superans, basi subattenuatus; columella verticalis, stricta; apertura vix obliqua, oblonga, intus hepatica, nitida; perist. album, margine dextro breviter expanso, columellari plano, late reflexo.*

Long. 32, diam. 13 mill.

Hab. Mexico (M. Boucard).

19. **BULIMUS IODOSTYLUS**, Pfr. *T. perforata, oblongo-conica, solidula, rugoso-striata et lineis impressis obliquis minute subgranulata, alba subunicolor vel strigis rufis et castaneis irregulariter picta; spira conica, vertice acuto; anfr. 6 convexiusculi, ultimus spiram vix superans, basi subattenuatus; columella substricta, lilacina; apertura parum obliqua, oblonga; perist. breviter expansum, margine columellari sursum dilatato, reflexo.*

Long. 30, diam. 12 mill.

Hab. Mexico (M. Boucard).

20. **BULIMUS DEMERARENSIS**, Pfr. *T. perforata, ovato-turrita, solidula, striatula, sub lente indistincte decussatula, opaca, albida, strigis fuscis irregulariter notata; spira elongato-conica, acutiuscula; anfr. 6 parum convexi, ultimus $\frac{1}{3}$ longitudinis superans, subangulatus (angulo antice evanescens); apertura obliqua, truncato-oralis; perist. breviter expansum, margine columellari arcuato, superne fornicatim reflexo.*

Long. $20\frac{1}{2}$, diam. 10 mill.

Hab. Demerara.

21. **BULIMUS NILOTICUS**, Pfr. *T. subperforata, inflato-ovata, solida, fuscula, saturate castaneo irregulariter radiata; spira brevis, conica, apice acutiuscula; anfr. 6 convexi, summi laevigati, sequentes minute decussati, ultimus fere $\frac{2}{3}$ longitudinis formans, inflatus, subuplicatus et lineis remotioribus spiralibus subclathratus; apertura vix obliqua, oralis, intus margaritacea; perist. roseum, marginibus callo crasso junctis, dextro subin-crassato, striato, superne subrepando, columellari crasso, substricto, basi angulum indistinctum cum basali formante.*

Long. 118, diam. 60 mill.

Hab. Ad fontes Nili Albi (Mr. Petherick).

22. **BULIMUS PYRGISCUS**, Pfr. *T. subperforata, turrita, solidula, levissime striata, albida; spira elongata, apice acutiuscula; sutura profunda; anfr. 9 convexiusculi, ultimus $\frac{2}{3}$ longitudinis æquans, basi non attenuatus; columella levissime arcuata; apertura vix obliqua, angulato-oralis; perist. simplex, rectum, margine columellari breviter reflexo, subadnato.*

Long. 13, diam. 3 mill.

Hab. Sandwich Islands.

23. **BULIMUS DUX**, Pfr. *T. subobtecte perforata, ovato-conica, solida, irregulariter striata, pallide carneæ; spira conica, acutiuscula; sutura marginata; anfr. 6 vix convexiusculi, infra suturam striis spiralibus nonnullis distinctis, pluribusque obsoletis sculpti, ultimus spiram paulo superans, subrentrosus, basi rotundatus; apertura subverticalis, angulato-oralis, intus roseo-carnea, nitida; perist. simplex, rectum, marginibus callo roseo-nitido junctis, columellari lilacino-roseo, fornicatim reflexo, subadnato.*

Long. 51, diam. 26 mill.

Hab. King George's Sound, Australia.

24. **SPIRAXIS BOUCARDI**, Pfr. *T. ovato-oblonga, tenuis, laevigata, nitida, olivaceo-fusca vel rubello-cornea; spira convexo-conica, obtusula; sutura levigata; anfr. 6 planiusculi, ultimus antice descendens, $\frac{4}{5}$ longitudinis formans, basi rotundatus; lamina columellaris funiculata, torta, non truncata; apertura verticalis, anguste sinuato-semiorvalis; perist. simplex, margine dextro medio antrorum subdilatato.*

Long. 17, diam. 7 mill.

Hab. Juquila, Mexico (M. Boucard).

25. **LIMICOLARIA TURRIS**, Pfr. (Pl. II. fig. 3). *T. anguste umbilicata, ovato-turrita, tenuiuscula, conferte striata, striis spiralibus paulo distantioribus granulato-decussata, pallide straminea unicolor vel strigis et flammis rufis variegata; spira turrita, apice obtusula; anfr. 10 modice convexi, ultimus $\frac{5}{12}$ longitudinis subaequans, ad suturam interdum impresso-marginatus et crenatus, juxta umbilicum subcompressus; columella leviter arcuata, cærulescens; apertura subverticalis, oblonga, basi subeffusa, intus margaritacea; perist. simplex, rectum, margine columellari sursum dilatato, fornicate reflexo.*

Long. 114, diam. 13 mill.

Hab. Ad fontes Nili Albi (Mr. Petherick).

26. **ORTHALICUS MARS**, Pfr. (Pl. II. fig. 8). *T. imperforata, oblongo-conica, solida, sublævigata, carnealivido-nebulosa; spira conica, vertice obtuso; sutura crenulata; anfr. 7 modice convexi, medio griseo-violaceo marmorati, ultimus $\frac{2}{5}$ longitudinis subaequans, antice rugoso-striatus; columella nigra, callosa, torta et plicata; apertura obliqua, ovalis, fundo margaritaceo-alba; perist. rectum, obtusum, intus nigro-limbatum, marginibus callo nigro intrante junctis.*

Long. 77, diam. 35 mill.

Hab. In republica Aequatoris (Mr. Fraser).

27. **ACHATINA SEMIGRANOSA**, Pfr. *T. ovato-turrita, tenuiuscula, lutescens, flammis castaneis fulguratis ornata; spira conica, obtusa; anfr. 7 modice convexi, superiores distincte seriatim granulati, ultimus spiram subaequans, infra medium minutissime decussatus, seriebus granulorum destitutus; columella alba, parum torta, late truncata; apertura vix obliqua, angulato-subelliptica; perist. simplex, acutum.*

Long. 77, diam. 34 mill.

Hab. Cape Natal (Mr. Plant).

28. **ACHATINA PLANTI**, Pfr. (Pl. III. fig. 6). *T. turrito-oblonga, solidula, carneo-albida, fuscula et castaneo irregulariter maculata et flammata; spira ovato-conica, apice rotundata; sutura subcrenata; anfr. 9 convexiusculi, summi minute granulato-decussati, 2 ultimi prope suturam granulati, tum subdistanter plicatuli, ultimus spira brevior, basi subattenuatus; columella levissime recedens, basi oblique truncata; apertura obliqua, angulato-ovalis; perist. simplex, rectum, marginibus callo saturate castaneo, introrsum diffuso, junctis.*

Long. 134, diam. 47 mill.

Hab. Cape Natal (Mr. Plant).

29. **ACHATINA FOXCROFTI**, Pfr. *T. cylindrico-turrita, solidula, irregulariter striatula, sub epidermide cornea decidua albida; spira superne turrita, apice obtusa, tum cylindracea; sutura subcrenulata; anfr. 12½ convexiusculi, ultimus $\frac{1}{5}$ longitudinis vix æquans, basi rotundatus; columella antrorsum arcuata, di-*

stincte et anguste truncata; apertura obliqua, ovalis; perist. simplex, rectum.

Long. 35, diam. $6\frac{1}{2}$ mill.

Hab. Sierra Leone (Mr. Foxcroft).

30. OLEACINA MULTISPIRA, Pfr. *T. ovato-turrita, tenuis, striatula, nitida, cornea, strigis indistinctis pallidis irregulariter notata; spira convexiusculo-turrita, apice acuta; sutura crenulato-marginata; anfr. 10 planiusculi, infra suturam plicatuli, ultimus spira brevior, basi rotundatus; columella brevis, ad basin aperturæ oblique truncata; apertura subverticalis, sinuato-semiovalis; perist. simplex, margine dextro fere angulatum antrosum dilatato.*

Long. 25, diam. $9\frac{2}{3}$ mill.

Hab. Juquila, Mexico (M. Boucard).

31. OLEACINA TURGIDA, Pfr. *T. subfusiformi-ovata, solidiuscula, leviter et conferte striata, parum nitida, isabellina; spira conica, apice obtusa; sutura levissime crenulata; anfr. 7 turgidi, summi lœvigati, ultimus spira paulo brevior, basi attenuatus; columella stricta, abrupte truncata; apertura verticalis, sinuato-semiovalis, intus rubella; perist. simplex, acutum.*

Long. 30, diam. 12 mill.

Hab. Juquila, Mexico (M. Boucard).

32. OLEACINA CONFERTA, Pfr. *T. oblongo-ovata, tenuiuscula, conferte plicato-striata, pellucida, nitida, cerea; spira conica, obtusula; sutura submarginata; anfr. 8 convexiusculi, ultimus spiram vix superans; columella arcuata, basi late truncata; apertura subverticalis, acuminato-semiovalis; perist. simplex, margine dextro leviter antrosum arcuato.*

Long. 25, diam. 10 mill.

Hab. Juquila, Mexico (M. Boucard).

33. OLEACINA SACCATA, Pfr. *T. ovato-oblonga, solidiuscula, fusco-cornæa; spira convexo-conica, apice acutiuscula; sutura filo marginata et conferte granulata; anfr. $6\frac{1}{2}$ convexiusculi, superiores plicato-striati et lineis minutissimis spiralibus decussati, ultimus spira brevior, infra suturam modo plicatulus et decussatus, tum lœvigatus, basi saccatus; columella brevis, subtorta, late truncata; apertura subverticalis, sinuato-ovalis, intus margaritacea; perist. simplex, margine dextro antrosum subdilatato.*

Long. 56, diam. 24 mill.

Hab. In republica Äquatoriali (Mr. Fraser).

34. OLEACINA DECIDUA, Pfr. *T. fusiformis, tenuis, striatula, lineis impressis spiralibus sub lente decussatula, nitida, albida, epidermide griseo-cornæa, strigatim decidua variegata; spira conica, obtusa; sutura vix marginata; anfr. 6 convexiusculi, ultimus spiram subæquans, basi attenuatus; columella leviter*

arcuata, oblique truncata; apertura parum obliqua, subsemiovatis; perist. simplex, margine dextro regulariter arcuato.

Long. 28, diam. 11 mill.

Hab. Juquila, Mexico (*M. Boucard*).

35. CYLINDRELLA MICROSTOMA, Pfr. *T. subperforata, cylindracea, lœvigata, cretacea; spira sursum dilatata, in conum brevem acutiusculum desinens; sutura impressa; anfr. 18 subplanis, æquales, summi plicatuli, ultimus striatus, antice solutus, dorso carinatus, basi angulatus, angulo antrosum evanescens; apertura parvula, verticalis, subtriangularis; perist. undique breviter expansum.*

Long. $15\frac{1}{2}$, diam. 5 mill.

Hab. —?

36. CLAUSILIA OBESA, Pfr. *T. arcuato-rimata, ventroso-fusiformis, solidula, conferte striata, sericina, corneo-albida; spira ventrosa, apice acutiuscula; sutura simplex; anfr. 10 convexiusculi, ultimus pone aperturam crista obtusa valida munitus; apertura subverticalis, piriformi-rotundata; lamellæ mediocres, convergentes; lunella arcuata; plica palatalis 1 supera, subcolumellaris conspicua; perist. continuum, superne breviter solutum, intus albo-callosum.*

Long. 14, diam. $4\frac{2}{3}$ mill.

Hab. In Dalmatia.

37. CLAUSILIA (BALEA?) TAYLORI, Pfr. (Pl. II. fig. 7). *T. profunde rimata, turrita, solidula, conferte plicato-striata, corneo-albida; spira regulariter attenuata, apice acutiuscula; sutura simplex; anfr. 11 convexiusculi, ultimus basi vix attenuatus, infra medium obtuse carinatus, antice solutus, descendens et dorso acute carinatus; apertura magna, obliqua, intus semicircularis; lamellæ obsoletæ; plicæ nullæ; perist. continuum, undique late expansum.*

Long. 47, diam. $8\frac{1}{2}$ mill.

Localitas ignota.

38. SIMPULOPSIS CUMINGI, Pfr. (Pl. III. fig. 2). *T. subglobosa, tenuissima, leviter et irregulariter plicatula, pellucida, vix nitida, virenti-cornea; spira minuta, in papillam minimam desinens; anfr. 3, ultimus perinflatus; columella regulariter arcuata, simplex; apertura obliqua, rotundato-ovalis, intus nitidissima; perist. simplex, expansiusculum.*

Diam. maj. $20\frac{1}{2}$, min. $19\frac{1}{2}$, alt. 12 mill.

Hab. Mexico.

39. SIMPULOPSIS ÆNEA, Pfr. *T. conico-globosa, tenuis, confermissime striata, pellucida, cæno-micans, olivaceo-cornea; spira brevis, conica; anfr. $2\frac{1}{2}$, superus convexus, ultimus inflatus; apertura diagonalis, ovalis, intus nitidior; columella filaris;*

perist. simplex, rectum, marginibus callo tenuissimo albido junctis.

Diam. maj. 9, min. 8, alt. $5\frac{1}{2}$ mill.

Hab. La Parada, Mexico (*M. Sallé*).

40. **SUCCINEA SCALARINA**, Pfr. *T. ovato-conica, scalarina, solidiuscula, irregulariter rugoso-plicata, nitidula, rubella; spira elongata, acutiuscula; anfr. $3\frac{1}{2}$ convexi, ultimus spiram paulo superans, basi subattenuatus; columella substricta recedens, cum perist. angulum indistinctum formans; apertura obliqua, ovalis, superne vix angulata; perist. simplex, margine columellari superne reflexiusculo.*

Long. 13, diam. $7\frac{1}{2}$, alt. $5\frac{1}{3}$ mill.

Hab. King George's Sound, Australia.

41. **PYTHIA WALLACII**, Pfr. (Pl. II. fig. 2). *T. imperforata, compresse ovato-acuminata, solidiuscula, leviter striata, lutescens, punctis castaneis dense conspersa vel subunicolor castanea; spira conica, acuminata, lateribus angulata, varicibus pallidis; sutura levis, indistincta; anfr. 9-10 planiusculi, ultimus $\frac{3}{5}$ longitudinis fere formans; apertura vix obliqua, angustissima; plicae parietales 3, suprema verticaliter descendens, angulatim retroflexa, secunda magna, linguiformis, tertia minuta, illi parallela; plica columellaris valida, torta, subadscendens; perist. callo dentifero munitum (dentibus 2 majoribus, tertio minuto), superne simplex, tum expansum et tenuiter reflexum.*

Long. 23, diam. maj. 14, min. 10 mill.

Hab. Isle of Batchian (*Mr. Wallace*).

42. **CYCLOTUS SUBFLAMMULATUS**, Pfr. *T. umbilicata, turbinato-depressa, tenuiuscula, striatula, nitida, lutescens; spira breviter conoidea; anfr. 4 modice convexi, supremi pallide rufo-flammulati, ultimus depresso-rotundatus, non descendens; umbilicus conicus, $\frac{1}{3}$ diametri vix superans; apertura vix obliqua, subcircularis, intus margaritacea; perist. duplex, internum vix porrectum, externum patens, superne productum, latere columellari angusto.*

Diam. maj. 17, alt. $8\frac{1}{2}$ mill.

Hab. Isle of Batchian (*Mr. Wallace*).

43. **CYCLOTUS BATCHIANENSIS**, Pfr. (Pl. III. fig. 1). *T. late umbilicata, subdiscoidea, solida, oblique striatula et superne liris spiralibus obsoletis notata, saturate fusca; spira vix prominula; anfr. 4 convexiusculi, supremi pallide flammulati, ultimus depresso-rotundatus, antice descendens; apertura diagonalis, subangulato-rotunda; perist. duplex, internum continuum, subadnatum, latere dextro dilatatum, externum album, concentrica striatum, superne valde productum, juxta anfr. contiguum subcompressum, latere dextro et basali expansis, columellari angusto.*

Diam. 23, alt. $8\frac{1}{2}$ mill.

Hab. Isle of Batchian (*Mr. Wallace*).

44. **CYCLOPHORUS PAPILIO**, Pfr. *T. sublate umbilicata, convexo-depressa, solida, striata, alba, maculis castaneis sagittaeformibus et fascia subcontinua infra peripheriam ornata; spira convexa, obtusula; sutura distincte filomarginata; anfr. 5 convexi, ultimus basi albus; apertura fere diagonalis, subcircularis; perist. duplex: internum continuum, breviter adnatum, externum superne dilatatum et subinflexum, latere dextro et sinistro patens.*

Diam. maj. 25, min. 20, alt. 13 mill.

Localitas ignota.

45. **LEPTOPOMA PULICARIUM**, Pfr. (Pl. III. fig. 7). *T. perforata, globoso-turbinata, tenuiuscula, striis spiralibus confertissimis undulatis sculpta, carnea, punctis rufulis (interdum fulguratis confluentibus) dense conspersa; spira turbinata, apice acutiuscula, cornea; anfr. 5 convexi, ultimus inflatus; apertura obliqua, ovali-subcircularis; perist. album, tenue, breviter sub-interruptum, margine dextro æqualiter patente, sinistro medio dilatato, reflexo.*

Diam. maj. 15, min. 12, alt. 12 mill.

Hab. Isle of Batchian (Mr. Wallace).

46. **LEPTOPOMA GLOBULOSUM**, Pfr. (Pl. III. fig. 9). *T. perforata, conico-globosa, tenuiuscula, striis spiralibus confertissimis sculpta, albida, seriebus nonnullis macularum fuscuarum cincta; spira turbinata, acutiuscula; anfr. 4½ convexi, ultimus valde inflatus; apertura parum obliqua, multo altior quam lata; perist. album, vix interruptum, margine dextro æqualiter patente, sinistro medio subdilatato, reflexo.*

Diam. maj. 13½, min. 11¼, alt. 10½ mill.

β. *Albidum, maculis magnis castaneis irregulariter pictum, liris nonnullis filaribus superne sculptum.*

Hab. Isle of Batchian (Mr. Wallace).

47. **LEPTOPOMA DECIPIENS**, Pfr. (Pl. III. fig. 10). *T. perforata, globoso-conica, subcarinata, tenuiuscula, sub epidermide olivaceo-fusca squamosa albida, nitida; spira elevato-conica, apice acutiuscula, aurantiaca; anfr. 6 convexiusculi, oblique striati et liris filiformibus subrenotis cincti; apertura diagonalis, lunato-ovalis; perist. album, interruptum, margine dextro descendente, patente, sinistro superne sinuato, tum vix dilatato.*

Diam. maj. 11½, min. 10, alt. 10 mill.

Hab. Isle of Batchian (Mr. Wallace).