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FIG. 25. 1. *Conus* sp. 2. *Fabia* *Macanensis*. 3. *Urosalpinx* *maculata*. 4. *Urosalpinx* *maculata*. 5. *Urosalpinx* *maculata*. 6. *Urosalpinx* *maculata*. 7. *Urosalpinx* *maculata*. 8. *Urosalpinx* *maculata*. 9. *Urosalpinx* *maculata*. 10. *Urosalpinx* *maculata*.

gine dextro subrepano, columellari paulo brevior, dilatato, patente.

Long. 15-17, diam. $7\frac{3}{4}$ - $8\frac{1}{4}$ mill.

Hab. — ?

47. ENNEA REEVEANA, Pfr. *E. testa breviter rimata, cylindracea, tenuiscula, oblique distincte plicato-striata, nitida, virenti-hyalina; spira subcylindrica, apice conoideo-rotundata; sutura impressa, submarginata, ad anfr. ultimum conferte denticulata; anfr. 7, primis 2 lævigatis, sequentibus convexiusculis, ultimo $\frac{3}{7}$ longitudinis formante, antice subascendente, basi rotundato; columella oblique recedente, compressa; apertura subverticali, acuminato-ovali; perist. albo, reflexiusculo, margine dextro subrepano, columellari brevior, sursum dilatato, fere adnato.*

Long. 15, diam. 6 mill.

Hab. — ?

5. DESCRIPTIONS OF A NEW GENUS AND TWENTY-THREE NEW SPECIES OF PNEUMONOPOMA, FROM THE COLLECTION OF H. CUMING, ESQ. BY DR. L. PFEIFFER.

(Mollusca, Pl. XXXII.)

1. TROCHATELLA EXCAVATA, Pfr. *Tr. testa depresso-globosa, spiraliter levissime lirata, opaca, carnea, convexa, acute mucronata; anfr. 6 vix convexiusculis, ultimo inflato, obsoletissime subangulato; columella lata, triangulari, excavata; apertura diagonali, ampla, subsemicirculari, in fundo fusco-carnea; perist. albo, late expanso, ad columellæ angulum subrotundatum angustato.*

Diam. maj. $13\frac{1}{2}$, min. $11\frac{1}{2}$, alt. $9\frac{1}{2}$ mill.

Hab. — ?

2. HELICINA REPANDA, Pfr. *H. testa conoideo-semiglobosa, solida, levissime striatula, nitidula, lutescenti-albida, fascia 1 rubra supramediana ornata; spira convexa, subacuminata; anfr. $4\frac{1}{2}$ vix convexiusculis, ultimo antice descendente; columella brevi, simplice, callum crassum, circumscriptum retrorsum emitte; apertura diagonali, subtriangulari; perist. recto, in-crassato, margine supero repando, basali versus columellam attenuato.*

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

Hab. — ?

3. HELICINA ZEBRIOLATA, Pfr. *H. testa subconoideo-depressa, tenui, striatula, parum nitida, strigis flexuosis rubris et albis variegata, vel rubra, albo-punctata; spira parvula, parum elata, subacuta; anfr. $4\frac{1}{2}$ planis, ultimo lato, acute carinato, basi inflato; columella brevi, simplice, callum emittente tenuem; aper-*

tura perobliqua, semiovato-subtriangulari; perist. simplice, recto, margine basali in columellam subangulatim transeunte.

Diam. maj. $6\frac{3}{4}$, min. $5\frac{1}{2}$, alt. $3\frac{1}{2}$ mill.

Hab. Lord Howe's Island, Australian Seas (*Macgillivray*).

4. *HELICINA RUDIS*, Pfr. *H. testa conoideo-depressa, solidula, ruditer striatula et submalleata, filo-carinata, fulva; spira conoidea, acutiuscula; anfr. $4\frac{1}{2}$ planis, ultimo descendente, basi parum convexo; columella brevi, simplice, callum tenuem, circumscriptum retrorsum emittente; apertura diagonali, subtriangulari; perist. simplice, recto, acuto, margine basali cum columella angulum subrectum formante.*

Diam. maj. $4\frac{1}{3}$, min. $3\frac{1}{3}$, alt. 3 mill.

Hab. — ?

5. *HELIX SHANGHAIENSIS*, Pfr. *H. testa depresso conoidea, tenui, carinata, laevigata, pallide cornea, rufo-strigata; spira breviter conoidea, obtusula; anfr. 5 convexiusculis, ultimo non descendente, ad suturam et carinam subacutam pallide articulatam, basi convexiore; columella brevi, verticali, callum emittente tenuem; apertura fere diagonali, subtriangulari; perist. simplice, recto, acuto, margine basali leviter arcuato, cum columella angulum formante.*

Diam. maj. $4\frac{1}{2}$, min. 4, alt. $2\frac{2}{3}$ mill.

Hab. Shanghai, China (*Mr. Fortune*).

6. *HELICINA SPHÆROIDEA*, Pfr. *H. testa subglobosa, solidula, sub lente minutissime striata, parum nitente, pallide virenti-straminea; spira rotundata, subacuminata; anfr. $4\frac{1}{2}$ convexiusculis, ultimo magno, infra medium obsolete angulato; columella albo-callosa, recedente, basi indistincte dentata, callum emittente diffusum; apertura diagonali, late semiovali; perist. simplice, brevissime expanso, margine basali cum columella angulum subacutum formante.*

Diam. maj. 7, min. 6, alt. $5\frac{1}{2}$ mill.

Hab. Loyalty Island, Australian Seas (*Macgillivray*).

7. *HELICINA MERDIGERA*, Sallé MSS. *H. testa globoso-turbinata, tenui, irregulariter et subdistanter striata, sub tegumento lutoso rubicunda vel hyalina; spira elata, conica, acutiuscula; anfr. $5\frac{1}{2}$ convexiusculis, ultimo utrinque convexiore; columella brevi, basi extrorsum subdentata, callum emittente tenuissimum; apertura diagonali, subsemicirculari; perist. simplice, breviter expanso, margine basali sensim in denticulum columellæ abeunte.*

Diam. maj. 6, min. 5, alt. $4\frac{1}{2}$ mill.

Hab. Vera Cruz, Mexico (*Sallé*).

8. *HELICINA MACGILLIVRAYI*, Pfr. *H. testa subconoideo-depressa, solidula, spiraliter obsolete striata, nitidula, carnea vel pallide lilacea, indistincte fasciata; spira breviter conoidea, subacuminata; anfr. $4\frac{1}{2}$ planis, ultimo peripheria obsolete angulato;*

apertura perobliqua, subtriangulato-semiovali; columella brevi, callum emittente crassiusculum, sulco brevi circumscriptum; perist. simplice, breviter expanso, versus columellam attenuato.

Diam. maj. $6\frac{1}{2}$, min. $5\frac{1}{2}$, alt. 4 mill.

Hab. Isle of Pines, Australian Seas (*Macgillivray*).

9. *HELICINA DENTICULATA*, Pfr. *H. testa globoso-conica, solidula, oblique striata, minutissime decussata, rugis antrorsum descendentibus distantioribus sculpta, parum nitida, alba, superne late flavo-fasciata; spira convexo-conica, acuta; sutura eleganter denticulata; anfr. $5\frac{1}{2}$ vix convexiusculis, ultimo periphæria subangulato, basi purum convexo; columella breviter arcuata, antrorsum dentata, superne rima brevi notata; retrorsum in callum tenuem abeunte; apertura subtriangulati-semiovali; perist. albo, angulatum patente, medio in rostrum triangulare productum.*

Diam. maj. a rostro 13, min. fere 11, alt. 9 mill.

Hab. Honduras.

10. *HELICINA TURBINELLA*, Pfr. *H. testa turbinata, solida, leviter striatula, vix nitidula, lutescente; spira conoidea, acutiuscula; anfr. $4\frac{1}{2}$ convexiusculis, ultimo carinato, basi convexo; columella brevi, subverticali, basi subtruncata, callum retrorsum emittente tenuissimum; apertura diagonali, subtriangulati-semiovali; perist. albido, tenui, breviter expanso, margine basali leviter arcuato.*

Diam. maj. $4\frac{1}{3}$, min. 4, alt. 3 mill.

Hab. Sidney.

11. *CYCLOSTOMA (CYCLOTUS) GLAUCOSTOMUM*, Pfr. *C. testa umbilicata, subturbinato-depressa, solidula, striata et plicis obliquis superne irregulariter sculpta, nitida, castanea; spira brevissime conoidea, apice obtusulo, nudo; anfr. 4 convexis, rapide accrescentibus, ultimo antice dilatato, brevi minute mallearato-granulato; umbilico pervio, $\frac{1}{4}$ diametri non æquante; apertura vix obliqua, subrotundata, intus cærulea, margaritacea; perist. recto, marginibus superne subangulatum junctis, columellari subincrassato, perarcuato,*

Diam. maj. 18, min. 14, alt. 9 mill.

Hab. Venezuela.

12. *CYCLOSTOMA (CYCLOTUS) SORDIDUM*, Pfr. *C. testa umbilicata, conoideo-depressa, solidula, levissime et confertim spiraliter lirata, sub epidermide decidua, fulva sordide alba; spira conoidea, mucronata; anfr. 4 convexis, celeriter accrescentibus, ultimo terete, antice vix adnato; apertura parum obliqua, subcirculari; perist. simplice, continuo, vix expansiusculo.*

Diam. maj. $7\frac{1}{2}$, min. $6\frac{1}{3}$, alt. $4\frac{1}{2}$ mill.

Hab. China.

13. *CYCLOSTOMA (CYCLOTUS) MACGILLIVRAYI*, Pfr. *C. testa umbilicata, turbinato-depressa, solida, rugoso-striata et liris*

spiralibus in anfr. ultimo evanescentibus sculpta, opaca, carneo-albida; spira convexo-conoidea, submucronata; anfr. 4½ convexiusculis, sensim accrescentibus, ultimo subdepresso, basi circa umbilicum conicum, ⅓ diametri fere aequantem, abrupte angulato; apertura obliqua, superne et basi subangulata; perist. continuo, obtuso, recto, ad angulum circa umbilicalem subproducto.—Operc. concavo, calcareo, arctispirali.

Diam. maj. 9, min. 7½, alt. 5 mill.

Hab. Isle of Aneiteum, New Hebrides (*Macgillivray*).

14. **CYCLOSTOMA (AULOPOMA) GRANDE**, Pfr. *C. testa umbilicata, depressa, solida, confertim distincte striata, sulcis spiralibus nonnullis remotis sculpta, sub epidermide nigro-fusca, sæpe fasciatim detrita, obsolete marmorata; spira brevissima conoidea, vertice subtili, acuminato, nigricante; anfr. 5 convexis, ultimo terete, basi læviore, antice breviter soluto, vix descendente; apertura obliqua, subcirculari; perist. simplice, recto.—Operc. subseæspirato, anfractibus oblique valide plicatis.*

Diam. maj. 25, min. 21½, alt. 13 mill.

Hab. Ceylon (*Mr. Thwaites*).

15. **CYCLOSTOMA (CYCLOPHORUS) FORBESIANUM**, Pfr. *C. testa umbilicata, subdepressa, solida, liris spiralibus inæqualibus subconfertis cincta, opaca, albida vel rubella; spira parum elevata, vertice submucronato; anfr. 5 convexis, ultimo descendente, terete; umbilico conico, ¼ diametri superante; apertura parum obliqua, subcirculari, intus alba vel vinosa; perist. simplice, recto, superne subdilato, breviter adnato.—Operc. pallido.*

Diam. maj. 23, min. 18, alt. 11 mill.

Hab. Lord Howe's Island; New Hebrides (*Macgillivray*).

16. **CYCLOSTOMA (CYCLOPHORUS) CONVEXIUSCULUM**, Pfr. *C. testa umbilicata, convexiuscula, tenuiuscula, epidermide sordide fusciscente, confertim membranaceo-plicata, ad suturam squamosa, induta; spira parum elevata, vertice subtili; anfr. 4½ modice convexis, ultimo subdepresso, basi rotundato; umbilico aperto, ⅓ diametri formante; apertura obliqua, subcirculari; perist. continuo, breviter adnato, simplice, recto.—Operc. corneo, indistincte arctespirato.*

Diam. maj. 6, min. 5, alt. 2⅔ mill.

Hab. Cape of Good Hope (*Macgillivray*).

17. **CYCLOSTOMA (LEPTOPOMA) BARBATUM**, Pfr. *C. testa umbilicata, depresso-turbinata, tenui, acute carinata, sub epidermide arcuato-striata, fulvo et castaneo variegata; spira turbinata, apice acuta; anfr. 5 convexiusculis, superne liris 3–4 prope carinam munitis, ultimo ad carinam pilis squamosis barbato, basi convexiore, liris 2 distantibus nonnullisque obsoletioribus subangulato; umbilico mediocri, conico; apertura fere diagonali, subcirculari; perist. duplice; interno continuo, expansiusculo, ad anfr. penul-*

tinum subsinuato, externo breviter patente et reflexiusculo, superne subdilatato.

Diam. maj. 13, min. 11, alt. $6\frac{1}{2}$ mill.

β. *Major, anfr. 5, paulo depressior, umbilico paulo latiore.*

Diam. 18, alt. $8\frac{1}{2}$ mill.

γ. *Minor, anfr. 5, liris basalibus distinctioribus.*

Diam. 11, alt. 6 mill.

Hab. Borneo, Sarawak.

18. *CYCLOSTOMA (CYCLOSTOMUS?) ANNATONENSE*, Pfr. *C. testa perforata, globoso-conica, tenui, carinis pluribus periphericis acutis, lirisque compressis, confertis, vix elevatis munita, parum nitida, fusca; spira acute conica, sursum pallescente; anfr. 6 convexiusculis, ultimo ventroso; apertura vix obliqua, irregulariter ovali; perist. tenui, albido, marginibus approximatis, dextro brevissime expanso, columellari superne recedente, cum parte inferiore subangulatim juncto, angustissimo.*

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

Hab. Isle of Aneiteum or Annaton; New Hebrides (*Macgillivray*).

19. *CYCLOSTOMA (CYCLOSTOMUS?) SINUATUM*, Pfr. *C. testa umbilicata, globoso-turbinata, solida, lævigata, vix nitidula, alba; spira turbinata, acutiuscula; anfr. 5½ convexis, prope suturam liris 5 filaribus cinctis, ultimo rotundato, circa umbilicum angustum, pervium liris paulo confertioribus sculpto; apertura vix obliqua, subcirculari; perist. breviter expanso, marginibus callo subexciso junctis, dextro superne repando, fere sinuoso, columellari non latiore.*

Diam. maj. 22, min. 18, alt. 17 mill.

Hab. Madagascar?

20. *DIPLOMMATINA CHORDATA*, Pfr. *D. testa sinistrorsa, profunde rimata, subfusiformi, tenui, lævigata, costulis subdistantibus chordæformibus munita, diaphana, cereo-albida; spira ovato-conica, acuta; anfr. 7 convexis, ultimo attenuato, antice ascendente; apertura vix obliqua, subcirculari; perist. duplice, interno continuo, breviter adnato, cæterum expansiusculo, externo breviter patente.*

Long. 4, diam. 2 mill.

β. *Minor, paulo confertius chordata.*

Hab. New Zealand (*Strange*); var. β. Lord Howe's Island (*Macgillivray*).

ANAULUS, Pfr., nov. gen. *Operculum tenuissimum, corneum, subarctispirum, extus concaviusculum. Testa umbilicata, pupinæformis; apertura circularis; peristoma duplex: internum continuum, externum dilatatum, ad insertionem marginis dextri canali aperto perforatum.*

21. *ANAULUS BOMBYCINUS*, Pfr. *A. testa impervie umbilicata, oblonga, tenuiuscula, confertim striata, sericea, rubello-corneu;*

spira irregulari, inflata, in conum obtusulum desinente; anfr. 6 convexis, penultimo gibbo, latere aperturali subplanato, ultimo attenuato, ad suturam marginato, antice ascendente; apertura circulari, basi axin subexcedente; perist. interno calloso, adnato, externo late expanso, reflexiusculo, marginibus superne callo junctis.
—*Operc. luteo-corneo.*

Long. 14, diam. $7\frac{1}{3}$ mill. Apert. intus fere 4 mill. diam.

β . *Minor anfr. $5\frac{1}{2}$, penultimo magis turgido.*

Long. 10, diam. vix 6 mill.

Hab. Borneo, Sarawak. Pl. XXXII. fig. 10.

22. *HYDROCENA ACUTILIRATA*, Pfr. *H. testa aperte perforata, turbinata, tenui, liris acutis, magis minusve confertis, nonnullis interdum carinaeformibus, cincta, cornea; spira conica, acuta; anfr. $5\frac{1}{2}$ convexiusculis, ultimo basi inflato; apertura obliqua, angulato-subovali; perist. simplice, subrecto, marginibus vallo tenui junctis, sinistro subangulato.*

Long. 10, diam. $6\frac{1}{2}$ mill.

Hab. Lord Howe's Island; New Hebrides (*Macgillivray*).

23. *HYDROCENA (OMPHALOTROPIS) VESTITA*, Pfr. *H. testa perforata, oblongo-conica, tenui, striata et spiraliter conferte lirata, epidermide fuscula vestita; spira pyramidata, acutiuscula; anfr. 6 planis, ultimo carina acuta infra medium, secunda circa perforationem, nonnullisque minoribus basalibus munito; apertura vix obliqua, subangulato-ovali; perist. simplice, recto, marginibus convergentibus.*—*Operc. fusco.*

Long. 5, diam. 3 mill. Ap. 2 mill. longa.

Hab. New Zealand.

6. DESCRIPTIONS OF NINE NEW SPECIES OF HELICEA, FROM MR. CUMING'S COLLECTION. BY DR. L. PFEIFFER.

(Mollusca, Pl. XXXII.)

1. *SPIRAXIS CUMINGIANA*, Pfr. *S. testa turrata, solida, sublevigata, nitidula, nigra; spira elongata, sursum in conum acutiusculum terminata; anfr. 8, supremis planis, capillaceo-striatis, reliquis prope suturam albo cinctam angulosis, ultimo $\frac{2}{3}$ longitudinis subaquante, superne et infra medium angulato, basi attenuato; columella lamina alba, torta, basin fere attingente, munita; apertura vix obliqua, rhombeo-ovali, intus cærulescente; perist. simplice, intus nigro-labiato.*

Long. 48, diam. 16 mill.

Hab. Kanai, Sandwich Islands (*Dr. Newcomb*). Pl. XXXII. fig. 1.

2. *BULIMUS TRAILLI*, Pfr. *B. testa imperforata, oblongo-ovata, tenuiuscula, leviter striata, nitida, nigro-castanea; spira convexo-conica, apice obtusa; sutura levi, albo-marginata; anfr. 5 con-*