

6. TETRARHYNCHUS QUADRIPAPILLOSUS, Baird.

Head of considerable size; bothria large, rotundate-oval. Neck long, slender, terminating in an enlarged body enclosed in a sheath, which gives off at its lower part four papillæ disposed in such a manner as to interlock with each other and form a terminating conical point.

Length of whole animal about $3\frac{1}{4}$ lines.

Hab. Taken from the liver of *Alepocephalus*, sp., at Madeira. (*Mus. Brit.*)

For these three species of *Tetrarhynchus* I am indebted to J. Yate Johnson, Esq., C. M. Z. S.

7. BOTHRIOCEPHALUS (TETRABOTHRIUM) JUNCEUS, Baird.

Bothria four, attached to the head by their face, large and somewhat auriculiform. Head elliptical. Neck slender; first segments very fine, gradually becoming broader, but in no part exceeding half a line in breadth. Apertures of genital organs unilateral.

Length upwards of $4\frac{1}{2}$ inches; breadth of neck $\frac{1}{10}$ th of a line; broadest segments about $\frac{1}{2}$ a line.

Hab. Intestines of the King-Vulture (*Sarcorhamphus papa*). (*Mus. Brit.*)

For this species I am indebted to Mr. E. Gerrard.

4. DESCRIPTIONS OF EIGHT NEW SPECIES OF CYCLOSTOMACEA, FROM THE COLLECTION OF H. CUMING, ESQ. BY DR. L. PFEIFFER.

(Plate XII.)

1. RHIOSTOMA HAINESI, Pfr. (Pl. XII. fig. 8). *T. late umbilicata, depressa, solida, distincte et conferte striata, sub epidermide obscura fuscula, flammulis angustis castaneis variegata; spira parum elevata, vertice minuto, corneo; anfr. 5, depresso-rotundati, ultimus infra peripheriam castaneo unifasciatus, antice longe solutus et deflexus, a sutura ad tubulum longe recurvatum carinatus, ante tubulum introrsum apertus, extus leviter incisus; apertura obliqua, circularis; perist. subduplicatum, album, margine sinistro incrassato, dextro expanso, plano, patente. Operc. cyathiforme, extus planum, anguste spiratum, marginibus anfractuum elevatis, membranosis.*

Diam. maj. 35, min. 25, alt. 12-14 mill. Ap. diam. 11-12 mill.

Hab. Camboja (*M. Mouhot*).

2. RHIOSTOMA SIMPLICILABRE, Pfr. (Pl. XII. fig. 7). *T. late umbilicata, depressa, solidula, leviter et confertissime striatula, sub epidermide nitida lutescens, elegantissime et subtiliter castaneo flammulata; spira breviter conoidea, vertice minuto, obtusiusculo; anfr. 5, depresso-rotundati, ultimus infra peripheriam castaneo unifasciatus, antice longe solutus et deflexus, a sutura usque ad tubulum recurvatum carinatus; apertura diagonalis, subcircularis, intus cærulescenti-margaritacea;*

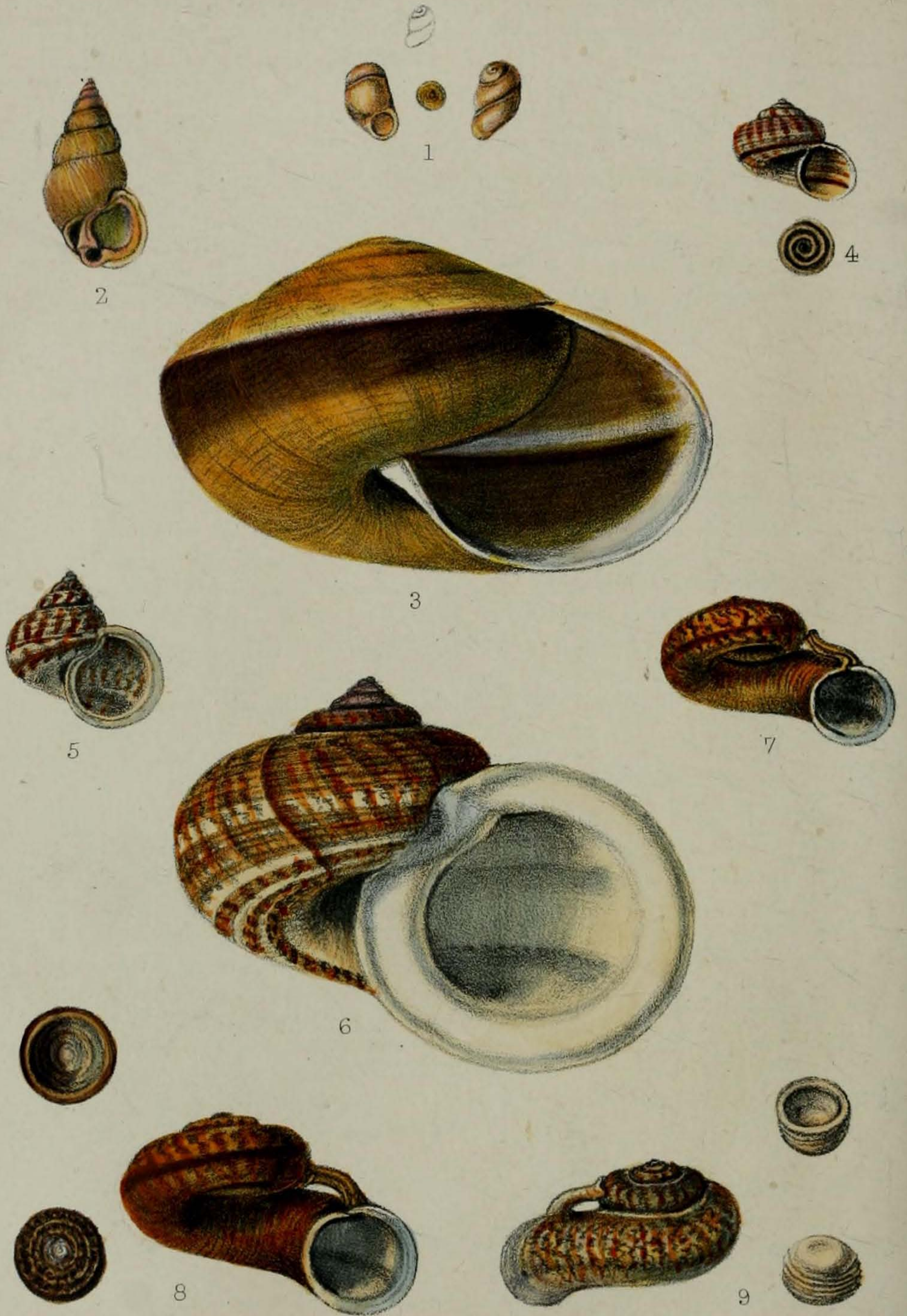
perist. simplex, tenue, ante tubulum leviter incisum, undique vix expansiusculum. Operc. præcedentis, angustius spiratum.
 Diam. maj. $27\frac{1}{2}$, min. $19\frac{1}{2}$, alt. 10 mill. Ap. diam. $8\frac{2}{3}$ mill.
Hab. Camboja (M. Mouhot).

371 1953 3. **CYCLOTUS TRAILLI**, Pfr. (Pl. XII. fig. 4). *T. sublata umbilicata, depresso-turbinata, solidula, liris confertis, subtus minoribus sculpta, carneo-albida, fuscule variegata et fascia 1 rufa infraperipherica notata; spira breviter turbinata, acutiuscula; anfr. $4\frac{1}{2}$, convexi, celeriter accrescentes, juxta suturam lævigati, ultimus teres, antice vix descendens; apertura obliqua, subangulato-circularis; perist. tenue, vix expansiusculum, ad anfr. contiguum subinterruptum. Operc. Cycloti subdiscoidei.*
 Diam. maj. 14, min. 12, alt. $10\frac{1}{2}$ mill.
Hab. Russel-Canda, Madras (Dr. Traill).

4. **CYCLOPHORUS SATURNUS**, Pfr. (Pl. XII. fig. 6). *T. late umbilicata, depresso-turbinata, solida, oblique striata et sub lente minutissime granulata, albida, fasciis et tæniis variis rufo-fuscis ornata; spira breviter turbinata, vertice minuto, acutiusculo; anfr. $5\frac{1}{2}$, rapide accrescentes, convexi, ultimus rotundatus, juxta umbilicum albus; apertura obliqua, subcircularis, intus flavescenti-albida; perist. albidum, latissimum, breviter adnatum, latere dextro fortiter revoluto, sinistro leviter retrorsum fornicato, patente. Operc. sub-6-spiratum, saturate rufum.*
 Diam. maj. 63, min. 51, alt. 32 mill. Apert. alt. 26, cum. perist. 38 mill.
Hab. Camboja (M. Mouhot).

5. **LEPTOPOMA PORTEI**, Pfr. (Pl. XII. fig. 5). *T. perforata, globoso-conica, tenuis, spiraliter conferte striata et liris sub 6 distantibus subacutis cincta, albida, haud nitens, strigis fulguratis fuscis picta; spira turbinata, acuta; anfr. 6, convexi, ultimus inflatus, infra medium fascia alba et altera fuscula signatus, circa umbilicum albus; apertura parum obliqua, subcircularis, intus albida fusco marmorata; perist. duplex, ad anfractum contiguum haud interruptum, internum expansiusculum vix prominens, externum latere dextro late expansum et patens, sinistro angustissimum.*
 Diam. maj. $18\frac{1}{2}$, min. 15, alt. 14 mill.
Hab. Polillo Islands (Mr. Porte).

6. **CATAULUS RECURVATUS**, Pfr. (Pl. XII. fig. 2). *T. breviter et profunde rimata, ovato-turrita, solida, distincte subarcuato-striata, virenti-fulva; spira regulariter attenuata; sutura profunda, simplex; anfr. 7, summi rubescentes, 3 ultimi convexi, ultimus antice subascendens, basi carina compressa antice dilatata munitus; periomphalum angustum, costulato-striatum; apertura subcircularis, ad basin interrupta et canali perlato*



G. B. Sowerby lith

W. West imp.

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| 1. <i>Callia wallacei</i> . | 4. <i>Cyclotus trailli</i> . | 7. <i>Rhiostoma simplicilabre</i> . |
| 2. <i>Cataulus recurvatus</i> . | 5. <i>Leptopoma portei</i> . | 8. D ^o <i>hainesi</i> . |
| 3. <i>Helix titanica</i> . | 6. <i>Cyclophorus saturnus</i> . | 9. D ^o <i>housei</i> . |

aucta; perist. duplex, internum porrectum, basi fissum, externum patens et reflexum, parte canalem formante recurvata.

Long. 23, diam. 10 mill.

Hab. In sylva "Annamallay," ad radicem montium Nilgiricorum.

7. *CALLIA WALLACEI*, Pfr. (Pl. XII. fig. 1). *T. irregulariter pupæformis, solidula, lævigatissima, callo nitido obducta, fulvo-carnea vel albida; spira irrègularis, apice brevissime conoidea; sutura indistincta; anfr. sub $4\frac{1}{2}$, summi vix conspicui, 2 ultimi antrorsum deviantes; apertura subcircularis, integra; perist. rectum, leviter incrassatum, ad parietem aperturalem adnatum, parte columellari subinflata.*

Long. 5, lat. 3 mill. Ap. diam. $\frac{1}{2}$ mill.

Hab. In insula Ceram (Mr. Wallace).

8. *HYDROCENA (OMPHALOTROPIS) CERAMENSIS*, Pfr. *T. subperforata, ovato-conica, tenuiuscula, lævigata, nitida, unicolor fulvida vel cingulo albido ornata; spira conica, acuta; sutura marginata; anfr. 7, vix convexiusculi, ultimus peripheria leviter filocarinatus, crista basali forti munitus; apertura parum obliqua, angulato-ovalis; perist. simplex, expansiusculum, marginibus distantibus, interdum callo tenuissimo junctis, sinistro flexuoso, medio subdilatato.*

Long. 8, diam. 4 mill.

Hab. In insula Ceram (Mr. Wallace).

5. DESCRIPTION OF A NEW SPECIES OF HELIX (NANINA).

BY DR. L. PFEIFFER.

(Plate XII.)

HELIX TITANICA, Pfr. (Pl. XII. fig. 3). *T. angustissime umbilicata, conoideo-depressa, solidula, lineis impressis spiralibus et irregularibus obliquis sculpta, sub epidermide pallide viridilutescente albida; spira conoideo-convexa, vertice minuto, obtuso; anfr. $5\frac{1}{2}$, vix convexiusculi, priores subcarnei, ultimus non descendens, ad suturam crenulatus, medio obtuse carinatus et fascia latiuscula spadicea deorsum diluta notatus, subtus inflatus; apertura obliqua, ovali-lunaris; perist. rectum, marginibus distantibus, columellari vix incrassato, ad insertionem in laminam brevem triangularem revoluto.*

Diam. maj. 68, min. 57, alt. 38 mill.

Hab. Anamallay Forest, at the foot of the Neilgherries (Mus. Cuming).

EXPLANATION OF PLATE XII.

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| Fig. 1. <i>Callia wallacei</i> , p. 117. | Fig. 7. <i>Rhiostoma simplicilabre</i> , p. 115. |
| 2. <i>Cataulus recurvatus</i> , p. 116. | 8. <i>Rhiostoma hainesi</i> , p. 115. |
| 3. <i>Helix titanica</i> , p. 117. | 9. <i>Rhiostoma housei</i> , Haines, Ann. |
| 4. <i>Cyclotus trailli</i> , p. 116. | Lyc. N. Y. vi. p. 157 (for |
| 5. <i>Leptopoma portei</i> , p. 116. | comparison with <i>R. hainesi</i>). |
| 6. <i>Cyclophorus saturnus</i> , p. 116. | |