

Nachträge zur Monographia Pneumonopomorum.

Vom Dr. L. Pfeiffer.

Kaum mehr als ein Jahr ist seit der Vollendung des Druckes meiner Monographie der gedeckelten Lungenschnecken verflossen, und schon ist es der Mühe werth, zur Bequemlichkeit Derer, welche das Werk benutzen wollen, nachzutragen, was seitdem über diese Familie veröffentlicht worden ist.

Ich werde dabei dieselbe Ordnung beobachten, da ich bisher noch keinen Grund gefunden habe, etwas Wesentliches im Systeme zu ändern, und werde die publicirten Arten (wenn auch hin und wieder ihre Stellung wegen mangelnder Kenntniss der Deckel u. s. w. noch zweifelhaft ist) nach den in der Monographie zur Seite stehenden fortlaufenden Nummern einreihen.

1. *Acicula fusca* Walk.

Synon. *Carychium lineatum* De Betta Malac. Valle di Non p. 125. t. 1. f. 4.

51 a. *Cyclotus Recluzianus* Pfr.

T. umbilicata, depressa, solidula, obsolete spiraliter lirata, sub epidermide pallide virente albida; spira vix elevata, submucronata; sutura profunda, carina submarginata; anfr. $4\frac{1}{2}$ convexi, rapide accrescentes, ultimus teres, periphæria carina acuta antrorsum evanescente munitus; umbilicus perspectivus, $\frac{1}{3}$ diametri æquans; apertura parum obliqua, subcircularis; perist. simplex, rectum, continuum, breviter adnatum. Operc. album, nucleo nigricante. — Diam. maj. 11, min. 9, alt. 5 mill. Ap. 5 mill. longa, $4\frac{1}{2}$ lata.

Cyclostoma (Cyclotus) Recluzianum Pfr. in Proc. Zool. Soc. 1853.

Habitat in insulis Salomonis.

Obs. Species habitu similis *Cyclophoro fornicato* Pfr.

58. *Cyclotus mexicanus* Menke.

Synon.: *Cyrtotoma mexicanum* Mörch Yold. p. 34.

70 a. *Cyclotus tubuliferus* Pfr.

T. late umbilicata, striatula, opaca, albida, flammis angulosis fuscis picta; spira vix elevata, fusco-violacea, vertice subacute prominente; sutura subprofunda; anfr. $4\frac{1}{2}$ convexiusculi, ultimus teres, antice breviter solutus, vix descendens, 2 mill. pone aperturam tubulo brevi a sutura antrorsum subascendente munitus; apertura diagonalis, circularis; perist. duplicatum: internum continuum, porrectum, externum marginibus supero et dextro breviter patens, sinistro obsoletum. — Operc.? — Diam. maj. $16\frac{1}{2}$, min. 13, alt. $6\frac{2}{3}$ mill. Ap. diam. 6 mill.

Cyclostoma (Cyclotus) tubuliferum Pfr. in Proc. Zool. Soc. 1853.

Habitat . . . ?

80 a. *Pterocyclos Cingalensis* Benson. †

„T. late umbilicata, orbiculato-depressa, solidula, radiato-striata, albida, superne strigis subundatis, medio fascia castanea picta; spira planiuscula, apice vix prominulo, sutura profunde impressa; anfr. 5 convexis, ultimo lente descendente, superne alato, breviter soluto; ala prominentiam elongatam angustam ascendentem formante, postice carina obtusa desinente; apertura obliqua, subcirculari; perist. duplice, interno porrecto, superne profunde inciso, externo incrassato, superne dilatato, leviter deflexo; umbilico profundiusculo. — Operculo (teste E. L. Layard) pyramidalis. — Diam. maj. $19\frac{1}{2}$, min. 16, alt. 6 mill.“ (Bens.)

Pterocyclos Cingalensis Bens. in Ann. and Mag. 2d. ser. XI. p. 105.

Hab. ad vicum montanum Monahagalla insulae Ceylon.

88. *Craspedopoma lucidum* Lowe.

Conf. *Paludina conoidea* Charp. in Küst. Mon. Palud. p. 43. t. 9. f. 3 — 7.

Malak. Bl. III. Apr. 54.

96 a. *Cyclophorus Malayanus* Benson. †

„T. depresso-turbinata, laevigata, spiraliter exilissime obsolete striata, supra castanea, albido undulatum strigata, interdum plurifasciata, subtus albida, castaneo anguste fasciata, infra peripheriam fascia latiuscula saturata, albido sparse articulata, ornata; spira exsertiuscula, apice acutiuscula; anfr. 5 subconvexis, ultimo rotundato, subtus convexo; apertura vix obliqua, magna, circulari, albida; perist. duplicato, leviter adnato, externo plane expanso, superne arcuato, labio angusto; umbilico mediocri, pervio, subperspectivo. — Diam. maj. 43, min. 32, axis 29 mill.“ (Bens.)

Cyclostoma Malayanum Bens. in Ann. and Mag. 2d. ser. X. Oct. 1852.

Hab. in insulis Penang et Lancavi, nec non in Peninsula Malayana. (Cantor.)

100. *Cyclophorus involvulus* Müller.

Synon.: *Angaria fasciata* Bolt. Mus. p. 72. n. 917. Ed. 2a p. 51. (ex icon. Chemn. et Sebae.)

105 a. *Cyclophorus labiosus* Pfr.

T. umbilicata, depresso-turbinata, solida, oblique striatula et lineis spiralibus confertissimis, vix elevatis sculpta, nitidula, saturate castanea, litturis albidis praesertim ad suturam variegata; spira brevis, vertice acutiusculo, sordide fusco; anfr. 5 convexi, celeriter accrescentes, ultimus peripheria subcarinatus et pallide articulatus, infra carinam fascia lata nigricante cinctus, circa umbilicum album, mediocrem, extus infundibuliformem subangulatus; apertura obliqua, subcircularis, intus pallida; perist. crassum, lutescenti-albidum, breviter adnatum, caeterum fornicatim et anguste reflexum, margine columellari subrecedente. — Operc.? — Diam. maj. 43, min. 34, alt. 22 mill. Ap. intus 18 mill. longa et lata.

Cyclostoma (Cyclophorus) labiosum Pfr. in Proc. Zool. Soc. 1853.

Habitat . . . ?

106. *Cyclophorus Borneensis* Metcalfe.

Cyclostoma Borneensis Metc. in Proc. Zool. Soc. 1851. p. 71.

121 a. *Cyclophorus Nilagiricus* Benson. †

„T. umbilicata, depresso-turbinata, solida, liris spirilibus 8—9 majoribus, quibusdam parvis obsoletis inaequidistantibus interjectis munita, castanea, ad peripheriam albido-articulata, infra fascia latissima saturiore, superne strigis radiatis angustis undatis albidis frequentioribus, subtus rarioribus ornata; spira ad apicem exsertiuscula, obtusata; anfr. 5 convexiusculis, ultimo ad peripheriam subfuniculato-carinato, superne angulato, circa suturam late planato, subtus circa periomphalum excavatum laevigatum compresso, umbilico medioeri, profundo, subcylindrico; apertura obliqua, pyriformi-rotundata, aurantiaca, fauce caerulescente; perist. expanso, incrassato, reflexiusculo, aurantiaco, breviter adnato, prope umbilicum leviter sinuato, superne angulato, producto, intus sulco intrante impresso. — Diam. maj. 43—45, min. 34—36, axis 22—24 mill.“ (Bens.)

Cyclostoma Nilagiricum Bens. in Ann. and Mag. 2d. ser. X. Oct. 1852.

Habitat ad latus occidentale montium Nilgherries teste Jerdon.

122 a *Cyclophorus? Thersites Shuttleworth.* †

„T. anguste umbilicata, depresso-turbinata, gibba, tenuiuscula, acute carinata, oblique striatula, superne lineis 3—4 remotis elevationibus circumdata, albida, flammulis angulatim flexuosis fusco-rufis, vel fusco-rufa, flammulis albis fulgurata; spira conica, acuta, apice fusco-purpurea; anfr. 4½ convexiusculi, ultimus antice leviter et sensim descendens, dorso inprimis gibbus, deinde applanatus, ver-

sus aperturam rotundatus; apertura subcircularis intus caeruleus; perist. album, duplex: internum connexum, ap-pressum, externum breviter expansum, reflexiusculum, margine superiore subdilatato adscendente, columellari reflexo breviter dilatato-producto, umbilicum semi-occultante. — Operc.? — Diam. maj. 26, min. (ubi gibbus) 23, alt. 20 mill. Ap. $12\frac{1}{2}$ mill. alta.“ (Shuttl.)

Cyclostoma (Cyclophorus vel Leptopoma) Thersites Shuttl. in Bern. Mittheil. 1852. Dec. p. 299; Diagn. n. Moll. Nr. 3. p. 39.

Hab. in insulis Philippinis (Verreaux).

131 a. *Cyclophorus? quadrifilosus* Benson. †

„T. umbilicata, globoso-turbinata, sub epidermide hispidula, et crebro oblique lamellata, nitida, spiraliter 4-lirata, interstitiis striis minutissimis spiralibus, alias obliquas decussantibus, munitis, castanea, superne strigis pallidis distantibus ornata; sutura impressa; spira conica, acutiuscula; anfr. 5 convexis, ultimo liris 4 filiformibus instructo, prima supera, secunda ad peripheriam, tertia inferiori, quarta basali; umbilico angusto pervio; apertura vix obliqua, subcirculari, fauce castanea; perist. duplicato, interiori ad dextram recto, vix porrecto, ad sinistram expanso, sinuato, intus leviter incrassato, albido, exteriori expansiusculo, nigrescente, antice superne prorsum arcuato. — Diam. maj. 6, min. 5, alt. 5 mill.“ (Bens.)

Cyclostoma quadrifilosum Bens. in Ann. and Mag. 2d. ser. X. Oct. 1852.

Hab. in insula Borneo.

138 a *Cyclophorus (Cyclohelix) trochoides* Mörch. †

Cat. Yold. p. 41. A *C. turbine* distinctus, sed non descriptus.

142 a. *Cyclophorus? Milium* Benson. †

„T. aperte umbilicata, minutissima, trochiformis, laevigata, albida, spira conica, sutura profunda, apice obtuso; anfr. $4\frac{1}{2}$ convexis, ultimo inflato, rotundato; apertura ob-

liqua, diagonali, subcirculari; perist. expansiusculo, margine recto, acuto, integro, breviter adnato; umbilico margine angulato, compressiusculo. — Long. $1\frac{1}{4}$, diam. vix 1 mill.“ (B.)

Cyclostoma Milius Bens. in Ann. and Mag. 2d. ser. XI. p. 285.

Habitat in muscis arborum ad Musmai, prope Cherrapoonjee.

152 a. *Cyclophorus Pirrieanus Pfr.*

T. umbilicata, turbinato-depressa, solida, spiraliter crebrilirata, sub epidermide nigricante obsolete pallide marmorata et ad suturam articulata; spira breviter turbinata, apice cornea, obtuse mucronulata; anfr. $5\frac{1}{2}$ rapide accrescentes, ultimus magnus, ad peripheriam carina subacuta, funiformi munitus, superne turgidus et subcarinatus, prope suturam planulatus, basi convexus, circa umbilicum late infundibuliformem angulatus; apertura diagonalis, subcircularis, intus nitidissime aurantiaco-livida; perist. continuum, breviter adnatum, superne angulatim productum, undique valde incrassatum et breviter reflexum, lucide fusco-igneum. — Operc.? — Diam. maj. 54, min. 42, alt. 27 mill. Ap. intus 25 mill. longa, 22 lata.

Cyclostoma (Cyclophorus) Pirrieum Pfr. in Proc. Zool. Soc. 1853.

Hab. Walaghat in montibus Koondah Indiae. (J. Pirrie.)

169 a. *Cyclophorus liricinctus Benson.* †

„T. depressa, orbiculata, albida, liricincta, ad intervalla radiato-striata; spira vix elevata, apice obtuso, suturis excavatis; anfr. $3\frac{1}{2}$ convexiusculis, ultimo rotundato, liris 8 cincto; apertura subcirculari, oblique superne angulata; perist. recto, acuto; umbilico lato, perspectivo; operc. corneo, tenui, multispirato. — Diam. maj. 4, min. $3\frac{1}{2}$, alt. 2 mill.“ (B.)

Cyclostoma liricinctum Bens. in Ann. and Mag. 2d. ser. XI. p. 106.

Hab. ad oras Australiae Occidentalis. (Dr. J. F. Bacon.)

169 b. *Cyclophorus? orbiculatus* Benson. †

„T. depressa, orbiculata, albida, oblique striata, liris nonnullis, praecipue subtus, munita; spira elevatiuscula, sutura excavata, marginata, exiliter striata; anfr. 4 convexis, ultimo rotundato; apertura subcirculari, obliqua, superne angulata, subcanaliculata; perist. simplici; umbilico aperto, perspectivo. — Operc.? — Diam. maj. $3\frac{1}{2}$, min. 3, axis 2 mill.“ (B.)

Cyclostoma orbiculatum Bens. in Ann. and Mag. 2d. ser. XI. p. 106.

Habitat ad oras Australiae Occidentalis. (Bacon.)

172 a. *Cyclophorus Cayennensis* Shuttleworth. †

„T. latiuscule umbilicata, conoideo-orbiculata, solida, pliculis obliquis undulatis et anastomizantibus foveolata, olivaceo-cornea; spira breviter conoidea, obtusiuscula; anfr. 4 convexi, sensim accrescentes, ultimus rotundato-subinflatus; apertura fere verticalis, subcircularis, apice subangulata; perist. simplex, acutum, continuum, margine superiore producto subinflexo ad insertionem profunde exciso, columellari subincrassato recedente. — Operc. tenue, corneum, arcetispirum, extus concavum. — Diam. maj. 21, min. 15, alt. 15 mill. Ap. $10\frac{1}{2}$ mill. longa, $9\frac{1}{2}$ lata.“ (Sh.)

Cyclostoma (Cyclophorus) Cayennense Shuttl. in Bern. Mittheil. 1852. Dec. p. 299. Diagn. n. Moll. Nr. 3. p. 39.

Hab. Cayenne (Verreaux).

173 a. *Cyclophorus Thwaitesi* Pfr.

T. late umbilicata, depressa, subdiscoidea, tenuis, subconfertim arcuato-striata, nitidula, luteo-fulva, strigis angulosis castaneis eleganter flammata; spira subplana, vertice vix prominulo; sutura profunda; anfr. 4 modice convexi, celeriter accrescentes, ultimus teres, antice vix descendens; apertura fere diagonalis, ovali-rotundata, intus submargariata; perist. simplex, acutum, marginibus fere contiguis, callo tenui junctis, dextro expansiusculo, columellari sub-

reflexo. — Operc. fulvum. — Diam. maj. 12, min. 9, alt. 5 mill. Ap. $5\frac{1}{3}$ mill. longa, $4\frac{1}{2}$ lata.

Cyclostoma (Cyclophorus) Thwaitesi Pfr. in Proc. Zool. Soc. 1854.

Habitat in insula Ceylon (Thwaites).

173 b. *Cyclophorus Parapsis* Benson.

T. late et perspective umbilicata, depressa, fere discoidea, tenuis, confertim striatula, albida, epidermide tenui, olivaceo-fusca obducta; spira planiuscula, vertice subtili vix prominulo; sutura profunda; anfr. 4 convexiusculi, celeriter accrescentes, ultimus subdepresso-cylindraceus, leviter descendens; apertura vix obliqua, subcircularis, intus nitida, glaucescens; perist. simplex, rectum, marginibus fere contiguis, callo tenui junctis. — Operc. fulvum. — Diam. maj. 11–13, min. 9–10, alt. 4– $4\frac{1}{2}$ mill. Ap. diam. 4 mill. (Coll.)

Cyclophorus Parapsis Bens. in Ann. and Mag. 2d. ser. XII. p. 96.

Habitat ad Damboul insulae Ceylon (Layard).

176 a. *Cyclophorus Beauianus* Petit. †

„C. testa suborbiculari, tenui, nitidula, subdiaphana, epidermide rubescente olivacea induta; spira brevi, apice obtuso; anfract. $4\frac{1}{2}$ subrotundatis, sublaevigatis; sutura impressa; apertura circulari; perist. recto, tenui; umbilico perspectivo. — Operc. corneum, multispirale, extus concavum. — Lat. 10, alt. 5 mill.“ (P.)

Cyclostoma Beauiana Petit in Journ. Conch. 1853. 4. p. 363. t. 11. f. 11. 12.

Habitat in insula Guadeloupe (Beau).

205 a. *Leptopoma orophilum* Benson. †

„T. anguste umbilicata, globoso-conica, sub epidermide non nitente olivacea, albida, versus apicem acuminatum nigrescente; spira elevata, conica, attenuata, sutura distincta; anfr. 5 convexis, ultimo rotundato, lineis 9 elevatiusculis, subtus remotioribus munito; apertura parum obliqua, cir-

culari; perist. tenui, recto, anfractui penultimo breviter adnato, labio expansiusculo; umbilico non pervio. — Diam. maj. 9, min. 7, alt. $7\frac{1}{2}$ mill.“ (B.)

Cyclostoma orophilum Bens. in Ann. and Mag. 2d. ser. XI. p. 106.

Hab. ad vicum Monahagalla insulae Ceylon (E. L. Layard).

VII. *Alycaeus* Gray.

„Tentacula duo mediocria, cylindracea, apicibus obtusis, oculos ad basin posteriorem ipsa gerentia; oculi integri, circulares, nigri minuti (quasi puncta), vix prominentes. Pes brevis, postice ultra testam non transiens, operculum testaceum concaviusculum multispiratum, sursum ad dextram gerens.“ (*Benson* in Ann. and Mag. 2d. ser. XI. p. 284.)

Testa in omnibus speciebus tubulo vel callo retroverso in anfractu ultimo praedita esse videtur.

207. *Alycaeus gibbus* Eér.

Descriptio emendanda: sutura profunda, pone stricturam callum gerens magis minusve distinctum. (Conf. *Benson* l. c.)

209 a. *Alycaeus Urnula* Benson. †

„T. rimata, vix perforata, globoso-conica, laevigata, sordide albida, apice obtusiusculo, rubescente, sutura impressa, callum gerente; anfr. $3\frac{1}{2}$ convexis, ultimo ventricosus, exilissime radiato-striato, pone aperturam breviter constrictiusculo, proxime tubam retroversam, suturalem, elongatam, emittente; apertura circulari verticali integra, perist. incrassato, subduplicato, expanso, subreflexo, breviter adnato; operculo aperturam aequante, planato, anfractibus mediocribus, subconspicuis. — Diam. $3\frac{1}{2}$, alt. $4\frac{1}{2}$ mill. (B)

Alycaeus Urnula Bens. in Ann. and Mag. 2d. ser. XI. p. 284.

Habitat ad Darjiling Himalayanum (Trotter).

VIII. Diplommatina Benson.

Conf. *Benson* in Ann. and Mag. 2d. ser. X et XI. passim.

214. *Megalomastoma cylindraceum* Chemn.

Synon. *Cerion truncatum* Bolt. Mus. p. 90. n. 1171. Ed. sec. p. 64.

227 a. *Megalomastoma Anostoma* Benson. †

„T. perforata, turrata, tenui, exiliter striata, pallide castanea, apice acutiuscula albida; anfr. 7 convexis, ultimo antice breviter ascendente, basi rotundato; apertura ampla, vix obliqua, leviter sursum spectante, subcirculari, fauce castanea, margine rufo; perist. duplicato, tenui, interno continuo, subito expanso, externo plane dilatato, praecipue ad partem columellarem, vix reflexiusculo. — Axis 23, diam. anfr. penult. 10, diam. apert. extern. 9, alt. apert. $7\frac{1}{2}$ mill.“ (B.)

Cyclostoma Anostoma Bens. in Ann. and Mag. 2d. ser. X. Oct. 1852.

Habitat in insula Borneo, Labuan (Traill).

236 a. *Cataulus Austenianus* Benson.

„T. subperforata, ovato-pyramidata, solidiuscula, eleganter oblique costulato-striata, sericea, diaphana, saturate rubro-castanea, spira turrata, sutura impressa, apice acutiusculo; anfr. 8 convexiusculis, ultimo antice subascendente, carina basali, compressa, prominente, subfuniculata, antice non dilatata; apertura subcirculari, obliqua, sursum spectante, perist. duplici, incrassato, saturate fusco-aurantiaco, interno continuo, breviter adnato, externo fornicatim patente reflexo, superne et ad columellam subauriculato-dilatato, canali basali aperto, intus vix strictiore, ad sinistram perforato; opere. spiraliter laminato, anfractus multos appressos reconditos exhibente, facie exteriori anfractus plures angustos mentiente. — Diam. $13\frac{1}{2}$, alt. 25 mill.“ (B.)

Cataulus Austenianus Bens. in Ann. and Mag. 2d. ser. XII. p. 95.

Habitat ad Heneratgodde insulae Ceylon in rimis saxorum (E. L. Layard).

238 a. *Cataulus marginatus* Pfr.

T. vix perforata, subfusiformi-turrita, solida, subarcuatim costulato-striata, opaca, fusco-lilacea, strigis angulosis albidis marmorata; spira subcurvilinearis, turrita, apice obtusa; sutura levis, filomarginata; anfr. 8 planiusculi, ultimus vix attenuatus; carina basalis alba, compressa, antrorsum subdilatata; apertura verticalis, subovalis; perist. album, duplex: internum basi profunde incisum, externum patens, ad canalem mediocrem retractum. — Long. 16, diam. $5\frac{1}{2}$ mill. Ap. intus 4 mill. longa, $3\frac{1}{2}$ lata.

Cataulus marginatus Pfr. in Proc. Zool. Soc. 1853.

Habitat in insula Ceylon.

238 b. *Cataulus decorus* Benson. †

„T. subperforata, elongato-turrita, solida, confertim costulato-striata, nitidiuscula, rufo-castanea, apice acutiusculo; anfr. 8 convexusculis, ultimo ad basin compresso-carinato, carina valide prominente, versus marginem funiculata, incrassata, antice vix dilatata; apertura verticali, circulari, perist. incrassato, reflexo, breviter adnato, laete aurantiaco, ad basin subproducto, deorsum recedente; canali extus late perforato; periomphalo magno; operc. ut in C. Austeniano. — Diam. vix 10, axis 21 mill.“ (B.)

Cataulus decorus Bens. in Ann. and Mag. 2d. ser. XII. p. 96.

Habitat ad Ratnapoora insulae Ceylon (Layard).

247 a. *Pupina Strangei* Pfr.

T. pupaeformis, tenuissima, pellucida, nitidissima, pallide cornea; spira turgida, sursum conica, acutiuscula; sutura non callosa; anfr. $5\frac{1}{2}$ convexi, ultimus angustior, basi axin vix excedens; apertura subcircularis, bicanaliculata; callus parietalis subprominulus, utrinque in dentem parvulum, acutum desinens, canalibus angustis obliquis a peristomate subincrassato, breviter reflexo separatus. —

Long. $5\frac{1}{2}$, diam. max. $2\frac{3}{4}$ mill. Apert. diam. $1\frac{1}{2}$ mill. (Mus. Cuming.)

Pupina Strangei Pfr. in Proc. Zool. Soc. 1854.

Habitat Moreton-Bay Australiae (Strange).

251 a. *Registoma Cumingianum* Pfr.

T. imperforata, oblonga, utrinque attenuata, solidula, glabra, nitida, rubello-succinea; spira elongata, apice acutiuscula; sutura levissima; anfr. 6 vix convexiusculi, 2 ultimi lati, ultimus oblique descendens; apertura verticalis, circularis; perist. callosum, expansiusculum, margine columellari brevi, non dilatato, incisura mediocri a basali separato. — Operc. subimmersum, fulvum. — Long. 8, diam. $3\frac{2}{3}$ mill. Ap. diam. $2\frac{1}{2}$ mill.

Pupina (Registoma) Cumingiana Pfr. in Proc. Zool. Soc. 1853.

Habitat in insulis Salomonis.

261. *Choanopoma majusculum* Morelet.

Eod. nomine: Poey Memor. I. 2. p. 96. 105.

Obs. Speciei insignis specimina plura Cl. Poey benevole misit, colore valde variantia:

Testa tum unicolor luteo-carnea, tum fusco-violacea, saepe strigis rufis fulgurata vel taeniis interruptis elegantissime picta. In omnibus speciminibus auctor sexum incolae indicavit, quo elucet, in individuis masculis solum marginem dextrum peristomatis repando-sinuatum esse, in femininis autem simpliciter curvatum.

268. *Choanopoma fimbriatulum*.

Synon.: *Helix Angaria* Bolt. Mus. p. 109. n. 1402. Ed. 2a p. 77? (ex ic. Chemn.)

270. *Choanopoma scabriculum*.

Synon.: *Cistula scabricula* Mörch Yold. p. 40.

305 a. *Otopoma? Coquandianum* Petit. †

T. conico-pyramidata, umbilicata, sublaevis, longitudinaliter oblique ac subtile striolata; anfractibus 6—7, rotundatis, ultimo ventricosus, duabus fuscis fasciis cincto;

labio reflexo umbilicum mediocrem subobtegente; labro in-
crassato, extus marginato. — Opere.? — Long. 28, lat. 22
mill.“ (Pet.)

Cyclostoma Coquandiana Pet. in Journ. Conch. 1852.
4. p. 417. t. 12. f. 2.

Habitat in insula Madagascar?

314 a. *Cyclostomus oclusus* Mörch.

„Differt a *C. Cuvieriano* t. minore (38 mill.), umbilico
fere triplo angustiore, obtecto.“ (Cat. Yold. p. 39.)

332. *Cyclostomus sulcatus* Lam.

Obs. Nomen Lamarekianum haud rejiciendum est ob
C. sulcatum Drap. = *C. buccinulum* Bolt.

343 a. *Cyclostomus Macareae* Petit. †

„C. testa subdiscoidea, depressiuscula, umbilicata, niti-
dula, albido-fulvescente, spiraliter zonis nigrescentibus nu-
merosis ornata; anfract. 5—6 rotundatis, transversim lae-
vissime sulcatis, ac longitudinaliter striatis; ultimo subtus
sublaevigato; sutura distincta; apertura suborbiculari, peri-
stomate albicante, vix reflexo; umbilico profundo. — Opere.
calcareum. — Alt. 19, lat. 30 mill.“ (P.)

Cyclostoma Macareae Petit in Journ. Conch. 1853.
4. p. 361. t. 11. f. 1.

Habitat prope S. Augustin in parte meridionali insulae
Madagascar (Guillain).

347 a. *Cyclostomus Belairi* Petit. †

„C. testa globoso-conica, umbilicata, purpureo-fusces-
cente; fasciis fuscis cingulata; spira conico-subacuta; an-
fract. 6 rotundatis; superioribus transversim plus minusve
sulcatis, ultimo sublaevigato, subtus sulcato; apertura sub-
orbiculari, ampla, intus purpurascente; columella purpurea,
callosa, callo partim umbilicum obtegente; labro albo, valde
reflexo. — Alt. 30, lat. 30 mill.“ (P.)

Cyclostoma Belairi Petit in Journ. Conch. 1853. 4.
p. 360. t. 11. f. 2.

Habitat in insula Madagascar.

350. *Cyclostomus Sowerbyi* Pfr.

Habitat in Africa.

356. *Cyclostomus insularis* Pfr.

Habitat ad Portum Natalensem (Mr. Platt).

360a. *Cyclostomus? griseus* Pfr.

T. vix perforata, turrato-conica, solidula, spiraliter confertim sulcata, vix nitidula, lilaceo-grisea; spira elevato-conica, apice acutiuscula, flavida; sutura mediocris; anfr. 6 modice convexi, ultimus $\frac{2}{5}$ longitudinis aequans, infra medium fascia pallida alteraque fuscula ornatus; apertura obliqua, rotundato-ovalis, intus fuscula, fasciata; perist. interruptum, marginibus approximatis, dextro recto, columellari subdilatato, fornicatim patente. — Operc.? — Long. 17, diam. 10 mill. Ap. 8 mill. longa.

Cyclostoma griseum Pfr. in Proc. Zool. Soc 1853.

Habitat in insula Madagascar.

368. *Cyclostomus ligatus*.

Synon.: *Angaria bifasciata* Bolt. Mus. p. 72. n. 919. Ed. sec. p. 51.

373. *Cyclostomus buccinulum* Bolten.

Synon.: *Helix buccinulum* Bolt. Mus. p. 109. n. 1403. Ed. sec. p. 77 (ex ic. Chemn.) — *Cyclost. sulcatum* Drap. et Auctt., nec Lam. — *Cyclostoma buccinulum* Mörch Yold. p. 39.

379a. *Cyclostomus? tersus* Benson. †

„T. subperforata, minuta, ovato-conica, albida, longitudinaliter (radiatim) sub lente striis exilissimis eleganter insculpta; sutura impressa, apice obtusiusculo; anfr. 5 convexis; apertura angulato-ovata, verticali, tertiam partem testae aequante; perist. simplici, crassiusculo, marginibus callo tenui junctis. — Operc.? — Diam. 1, long. 2 mill.“ (B.)

Cyclostoma tersum Bens. in Ann. and Mag. 2d. ser. XI. p. 285.

Habitat in muscis arborum ad Musmai, prope Cherrapoonjee Indiae.

381. *Cyclostomus Humphreyanus*.

Synon.: *Licina Humphreyana* Mörch Yold. p. 40.

387. *Cyclostomus Banksianus*.

Synon.: *Adamsiella Banksiana* Mörch Yold. p. 41.

392. *Cyclostomus rugulosus* Pfr.

Synon.: *Cyclost. nodulatum* Poey Mem. I. p. 104.
106. t. 5. f. 21—23. Nec *C. verecundum* Poey.

392a. *Cyclostomus honestus* Poey.

T. obtecte perforata, turrita, longitudinaliter confertim plicata, subopaca, albida; sutura crenata; anfr. superst. 4 convexi, ultimus antice vix solutus, rotundatus, pone aperturam callo nodiformi cum penultimo junctus; apertura subverticalis, ovali-rotundata; perist. duplicatum: internum vix prominens, externum dilatatum, concentrice striatum, anfractui penultimo adnatum, perforationem claudens, tum leviter excisum, marginibus dextro et basali horizontaliter patentibus. — Opere. planum, aufractibus oblique sulcatis. — Long. $8\frac{1}{2}$, diam. 4 mill. Ap. c. perist. 3 mill. longa, fere totidem lata. (Pfr. ex coll.)

Cyclostoma honestum Poey Memor. I. p. 103. 106.
t. 7. f. 1—4.

***Cyclostoma Rugelianum* Shuttleworth in litt.**

Habitat in ripis fluvii Almendares (à tres leguas de la Habana) insulae Cubae (Poey).

394. *Cyclostomus Rangelinus*.

Cyclostoma Rangelinum Poey Memor. I. p. 98. 106.
t. 8. f. 13—19. — Habitat in montibus Rangelinis „Cordillera de los organos“ (Poey).

397. *Cyclostomus? sulculosus* Fér.

Deleatur et ex operculi cognitione ad genus *Cistulam* (Nr. 449a) transferatur.

410. *Tudora columna*.

Operculum normale *Tudorae*!

418a. *Tudora? conferta* Poey.

„T. turriculata, imperforata, striis confertissimis de-

cussata, sutura crenulata; apice truncata; anfr. $5\frac{1}{2}$; perist. duplex; externo expanso, postice producto; color
— Long. 19, diam. maj. 8, min. $6\frac{1}{2}$ mill. (P.)

Cyclostoma confertum Poey Memor. I. p. 99. 106. t. 8. f. 1—3.

Habitare videtur in Isla de Pinos prope Cubam (Velasquez).

Obs. Nonne eadem species ac *Tudora* (?) *canescens* Pfr.?

441. *Cistula mordax*.

Operculum normale Cistulae!

449a. *Cistula sulculosa* Férussac.

Descriptionem vide Mon. Pneum. p. 242. n. 397. —
Operc. Cistulae, nucleo parum excentrico.

451a. *Cistula?* *procax* Poey.

T. perforata, turrita, tenuis, costis confertis chordaeformibus sculpta, pallide cornea, rufo seriatim maculata; spira integra, acutiuscula; sutura subsimplex; anfr. 9 perconvexi, ultimus rotundatus, antice solutus, dorso carinatus; apertura verticalis, angulato-subovalis; perist. duplex, tene-rum: internum breviter porrectum, latere sinistro leviter, dextro valde arcuatum, externum breviter expansum. —
Operc.? — Long. 11, diam. 4 mill. Ap. $2\frac{2}{3}$ mill. longa. (Pfr. ex specim. typico.)

Cyclostoma procax Poey Memor. I. p. 104. 106. t. 7. f. 12—14.

Habitat in insula Cuba.

460a. *Chondropoma?* *Venezuelense* Pfr.

T. subperforata, turrita, truncata, tenuis, longitudina-liter capillaceo-striata, haud nitens, diaphana, fulvida, fasciis circa 6 angustis rufis, interdum obsoletis ornata; sutura subdenticulata; anfr. superst. $5\frac{1}{2}$ convexi, ultimus antice brevissime solutus, basi liris nonnullis spiralibus circa perforationem punctiformem munitus; apertura verticalis, subirregulariter ovalis, intus concolor; perist. simplex, superne

in auriculam angulatam productum, marginibus dextro et basali breviter expansis, sinistro angusto, adnato. — Operc.? — Long. $17\frac{1}{2}$, diam. 7 mill. Ap. c. perist. 6 mill. longa, 5 lata.

Cyclostoma (Chondropoma?) Venezuelense Pfr. in Proc. Zool. Soc. 1853.

Habitat in Venezuela (H. Cuming).

462a. *Chondropoma incultum* Poey.

T. subperforata, turriculata, solidula, spiraliter minute striata, nitidula, luteo-albida, lineis interruptis fusculis obsolete cincta; spira oblonga, turrita, late truncata; sutura confertim dentata; anfr. superst. $4\frac{1}{2}$ convexi, ultimus angustior, antice solutus, dorso carinatus; apertura subverticalis, angulato-ovalis; perist. simplex, undique aequaliter patens, superne angulatim subproductum. — [Operc. corneum, apice excentrico: Poey]. — Long. 19, diam. 8 mill. Ap. intus 5 mill. longa. (Pfr. ex spec. typ.)

Cyclostoma incultum Poey Memor. I. p. 98. 106. t. 8. f. 4. 5.

Habitat in montibus prope Trinidad insulae Cubae (Lavallée).

462b. *Chondropoma revinctum* Poey.

T. perforata, oblongo-turrita, tenuiuscula, lineis elevatis spiralibus et longitudinalibus confertis subreticulata, nitidula, corneo-albida, fusco-strigata vel confertim et interrupte circumlineata; spira turrita, vix truncatula; sutura minute denticulata; anfr. superst. 6 convexiusculi, ultimus teres, antice non solutus; apertura vix obliqua, subelliptico-ovalis, basi effusa; perist. simplex, continuum, breviter adnatum, ad anfr. penultimum sinuatum, anguste expansum, superne angulatum, basi castaneo-radiatum. — Operc. tenuissimum, flavidum. — Long. $17\frac{1}{2}$, diam. 8 mill. Ap. c. perist. 6 mill. lata. (Pfr.)

Cyclostoma revinctum Poey Memor. I. p. 99. 106. t. 5. f. 24–27.

Habitat „Punta de San Juan de los perros“ insulae Cubae (Dr. Gundlach).

470a. *Chondropoma moestum* Shuttleworth.

T. angustissime perforata, ovato-turrita, truncata, solida, longitudinaliter striatula et liris linearibus confertis spiralibus, alternis plerumque minoribus, sculpta, vix nitidula, pallide isabellina; spira convexiuscula; sutura profunda, simplex; anfr. superst. 4 perconvexi, ultimus teres, antice subascendens, non solutus; apertura verticalis, irregulariter ovalis, intus nitida; perist. continuum, subincrassatum, latiuscule expansum, album, superne subauriculatum, margine dextro regulariter, sinistro leviter arcuato. — Operc. normale. — Long. 17, diam. 10 mill. Ap. $8\frac{1}{2}$ mill. longa, 6 lata.

Cyclostoma moestum Shuttleworth in litt.

Chondropoma Poeyanum β Pfr. Mon. Pneum. p. 285.

Habitat in insula Cuba.

475a. *Chondropoma?* angustatum Pfr.

T. vix perforata, oblongo-turrita, truncata, solidula, lineis spiralibus costisque confertioribus obtuse clathrata, fulvo-lutea, fasciis interruptis castaneis picta; spira convexo-turrita; sutura confertim et acute crenata; anfr. superst. $4\frac{1}{2}$ convexiusculi, ultimus angustatus, basi confertius spiraliter sulcatus, antice vix solutus; apertura verticalis, ovali-rotundata; perist. subduplicatum, undique breviter expansum, superne subangulatum. — Operc.? — Long. 16, diam. 7 mill. Ap. 5 mill. longa, $4\frac{1}{3}$ lata. (Mus. Cuming.)

Cyclostoma angustatum Pfr. in Proc. Zool. Soc. 1854.

Habitat . . . ?

480a. *Chondropoma Pfeifferianum* Poey.

T. anguste perforata, oblongo-turrita, truncata, tenuis, liris spiralibus obtusis confertis sculpta, nitidula, pallidissime fulvicans vel fulvo-lilacea, strigis et fasciis interruptis rufis varie litturata; spira subrectilinearis, breviter truncata; sutura irregulariter crenulata; anfr. superst. 4 vix convexi,

regulariter accrescentes; apertura subverticalis, ovalis, superne angulata; perist. breviter adnatum, duplex: internum continuum, subexpansum, externum lateribus columellari et basali dilatatum, horizontaliter patens, latere dextro obsoletum. — Operc. *Ch. picti*. — Long. 15, diam. $7\frac{1}{2}$ mill. Ap. 7 mill. longa, intus medio $4\frac{2}{3}$ lata.

Cyclostoma Pfeifferianum Poey in litt.

— — Chemn. ed. II. N. 402. t.

48. f. 38—40.

Habitat in insula Cuba.

Obs. Species *Ch. picto* similis, anfractibus minus convexis, sutura subcrenulata et peristomate duplici discrepans.

489a. *Chondropoma? verecundum* Poey. †

„T. ovato-conoidea, pudica, corneo-albida, spiraliter punctulata, costulis volventibus instructa; apice truncata; anfr. $3\frac{1}{2}$; perist. duplex: externo angulatim dilatato, margine sinistro soluto, umbilicum omnino tegente. — Long. $23\frac{1}{2}$, diam. $12\frac{1}{2}$ mill.“ (P.)

Cyclostoma verecundum Poey Memor. I. p. 102. 106. t. 7. f. 5—7.

Habitat San Diego de los Baños insulae Cubae (Velasquez).

Obs. Nonne eadem species ac *Chondropoma Shuttleworthi* Pfr.?

497a. *Pomatias Bartholemyianus* Shuttleworth. †

„T. obtecte vix perforata, conico-turrita, argute sed valide costulata, cinerascens-alba, maculis luteis seriatis obscure notata; spira elevata, conico-acuminata, apice obtusiuscula; anfr. 8—9 parum convexi, ultimus basi rotundatus; apertura verticalis, ovali-rotundata; perist. inconspicue duplicatum: internum continuum, anfr. penultimo appressum, externum incrassatum modice expansum, margine superiore adscendente attenuato, nec auriculato, columellari breviter revoluta et quasi exciso. — Diam. 4, alt. 10 mill. Ap. circa 3 mill. lata.“ (Sh.)

Pomatias Barthelemianum Shuttl. in Bern. Mittheil. 1852. p. 294. Diagn. n. Moll. N. 3. p. 34.

Habitat in insulis Canariis. (Mus. Massiliense.)

XXVII. *Realia* Gray.

Idem genus a Cl. Gray in Cat. Phaneropneum. Brit. Mus. 1852. p. 217 nomine *Liareae* designatum est, quamvis species, pro qua genus *Realia* constitutum fuerat, unica sit a me in genere *Realia* servata.

502. *Realia Egea*.

Synon. *Liarea Egea* Gray Phaneropn. Br. Mus. p. 217.

XXVIII. *Omphalotropis* Pfr.

Hujus generis omnes species in Monogr. Pneumonop. designatae a Cl. Gray in opere modo citato p. 217 ad genus *Realiam* referuntur.

546. *Trochatella regina*.

Inter icones citetur: *Trochat. regina* Pfr. in Chemn. ed. 2a. Helic. N. 9. p. 66. t. 9. f. 37. 38.

547. *Trochatella virginea*.

„T. turbinato-globosa, crassa, confertim spiraliter sed irregulariter et flexuosim lirata, opaca, pallide carneo-albida; spira turbinata, mucronata; anfr. $6\frac{1}{2}$, supremi vix convexusculi, penultimus convexus, ultimus rotundatus; apertura perobliqua, lata, subsemicircularis; columella recedens, compressa, excavata; perist. campanulato-expansum, intus incrassatum, acutum, margine superiore subflexuoso, columellari excavato appresso. — Operc. testaceum, crassum, intus rufum, extus albidum, margine interno calloso-incrassato, caeterum laeve. — Diam. maj. 20, min. 15, alt. 17 mill.“ (Sh.)

Helicina virginea Lea, Sow. Thes. t. 1. f. 18 (nec t. 3. f. 114), Pfr. in Chemn. t. 6. f. 7. 8, Pfr. Mon. Pneum. p. 329 (ex parte), Shuttl. in Bern. Mittheil. 1852. p. 302. Diagn. n. Moll. Nr. 3. p. 42.

Habitat in insula Haiti

Obs. Cl. Auctor sequentem speciem a me cum *Tr. virginea* confusam esse asserit.

547a. *Trochatella opima* Shuttleworth. †

„T. subgloboso-conica, tenuiuscula, spiraliter et confertim regulariter lirata, opaca, carneo-vel flavido-albida; spira acute conica, mucronata; anfr. 6 convexiusculi, ultimus depresso-rotundatus, antice dilatato-productus; apertura perobliqua, latissima; columella recedens, acute compressa, extus valde excavata; perist. campanulato-expansum, intus subincrassatum, acutum, margine superiore ad insertionem subauriculato demum strictiusculo, columellari dilatato sublibero. — Operc. testaceum, crassum, intus rufum, extus album, margine crasso elevato cinctum, in centro tuberculis crassis elevatis flexuosis obsitum. — Diam. maj. 14, min. 11, alt. 11 mill.“ (Sh.)

Helicina virginea var. *Sow.* Thes. t. 3. f. 114.

Trochatella opima *Shuttl.* in Bern. Mittheil. 1852. p. 302. Diagn. n. Moll. Nr. 3. p. 42.

Habitat in insula Haiti (Sallé).

551a. *Trochatella politula* Poey.

T. trochiformis, solidula, laevigata, sub lente lineis impressis spiralibus notata, parum nitens, pallide flava; spira subconcavo-conoidea, apice acutissima; sutura linearis; anfr. $6\frac{1}{2}$, superi plani, ultimus utrinque convexiusculus, basi subcarinatus; columella brevis, subtriangularis, callosa, nitida; apertura perobliqua, triangulari-semiovalis; perist. simplex, acutum, vix expansiusculum. — Operc.? — Diam. maj. 6, min. $5\frac{1}{2}$, alt. $5\frac{1}{3}$ mill. (Pfr. ex spec. typ.)

Helicina politula *Poey* Memor. I. p. 113. 120. t. 5. f. 4—6.

Habitat prope Santa Cruz insulae Cubae.

551b. *Trochatella luteopunctata* Poey.

T. conica, tenuiuscula, spiraliter subremote striata, parum nitida, carnea; spira conica, apice acuto, luteo;

sutura distincta; anfr. 7, superi convexi, sequentes plani, ultimus utrinque convexiusculus, infra medium subangulatus; columella brevis, recedens, vix callosa; apertura diagonalis, semiovalo-subtriangularis; perist. simplex, undique expansiusculum. — Operc. pallidum, chartaceum. — Diam. maj. $6\frac{1}{2}$, min. 5, alt. $5\frac{1}{2}$ mill. (Pfr. ex spec. typ.)

Helicina luteopunctata Poey Memor. I. p. 115. 120. t. 5. f. 10. 12.

552a. Trochatella hians Poey.

T. conica, tenuiuscula, leviter striatula et liris spiralis subdistantibus sculpta, vix nitidula, pallide carnea; spira regulariter conica, apice submucronato, luteo; sutura impressa; anfr. 6 planiusculi, ultimus convexiusculus, periphæria obsolete angulatus, basi spiraliter obsolete striatus; apertura magna, diagonalis, subtriangulari-semiovalis; columella brevis, callosa, basi subdentata; perist. expansum, margine supero arcuato, basali fere stricto. — Operc. semiovale, tenue, margaritaceum. — Diam. maj. $7\frac{1}{2}$, min. 6, alt. $5\frac{1}{2}$ mill. (Pfr. ex spec. typ.)

Helicina hians Poey Memor. I. p. 113. 120. t. 5. f. 1—3.

Habitat in montibus prope Trinidad insulae Cubae.

Obs. Differt a *Tr. elegantula* statura, anfractu ultimo angulato, majore, etc.

(§. 2.) **571a. Helicina Titanica Poey.**

T. depresso-turbinata, crassa, ponderosa, oblique profunde striata, parum nitida, fusco-carnea; spira brevis, conoidea, obtusa; sutura vix impressa; anfr. 4 planiusculi, ultimus magnus, periphæria obtuse angulatus et albo-fasciatus, basi convexiusculus, pallidior, antice vix descendens; columella callosa, extrorsum late tuberculato-truncata; apertura diagonalis, semiovalis; perist. perincrassatum, obtusum, marginibus callo crasso dilatato circumscripto junctis, supero subsinuoso, basali angustiore, immediate in tuberculum columellare transeunte. — Operc.? — Diam. maj. 30, min. 26, alt. 19 mill. (Pfr.)

Helicina Titanica Poey Memor. I. p. 110. 119. t. 11.
f. 13—16.

Habitat prope Baracoa insulae Cubae.

571b. *Helicina Briarea* Poey. †

„T. depresso-globosa, crassa; striis incrementi et stri-
gis volventibus parum confertis epidermide asperulis sculpta;
sordide rubra, cingulo fulvo ornata, subtus fulvicans; anfr.
5, apice obtuso, apertura altius semilunaris, peristoma sub-
incrassatum, vix expansum, tuberculo columellari instructum:
callum latum. — Diam. maj. 31, min. 25, alt. 20 mill.“ (P.)

Helicina Briarea Poey Memor. I. p. 108. 119. t. 11.
f. 9—12.

Habitat prope San Diego de los Banos (Velasquez).

573. *Helicina silacea.*

Synon.: *Helicina ochracea* Poey Memor. I. p. 109.
119. t. 11. f. 1—4. — Habitat Baracoa insulae Cubae.

573a. *Helicina ciliata* Poey.

„T. depresso-globosa, crassa; striis incrementi et stri-
gis volventibus confertis epidermide asperulis sculpta; sor-
dide fulva; anfr. 5, apice obtuso, apertura subtrigona, pe-
ristoma vix incrassatum tuberculo columellari instructum:
callum late expansum. — Operc. calcareum, intus lamina
cornea indutum. — Diam. maj. 20, min. 17, alt. 15½
mill.“ (P.)

Helicina ciliata Poey Memor. I. p. 109. 119. t. 11.
f. 5—8.

Habitat prope Trinidad insulae Cubae (Lavallée).

591a. *Helicina modesta* Pfr.

T. subgloboso-conica, solidula, oblique striatula vel
sublaevigata, nitidula, unicolor straminea; spira conica, acu-
tiuscula; anfr. 4½ modice convexi, ultimus turgidus, basi
planiusculus; columella brevis, incrassata, alba, callum emit-
tens nitidum, circumscriptum; apertura obliqua, subtrian-
gulari-semiovalis; perist. simplex, rectum, margine dextro
antrorsum subdilato, basali ad columellam subsinuato. —

Operc. subterminale, albidum. — Diam. maj. 6, min. 5, alt. 4 mill.

Helicina modesta Pfr. in Proc. Zool. Soc. 1853.

Habitat in insula Tanna Nov. Hebrid.

607a. *Helicina articulata* Pfr.

T. sublenticularis, carinata, tenuis, striatula, nitida, rubello-fusca, pallidius strigata, fasciis 2 castaneo et albo articulatis ad suturam et carinam ornata; spira convexiusculo-conoidea, acuminata; anfr. $4\frac{1}{2}$ subplani, sensim accrescentes, ultimus infra carinam subacutam convexus; columella breviter recedens, callum emittens tenuem, albidum, sulco levi circumscriptum; apertura diagonalis, subtriangularis; perist. simplex, rectum, acutum, marginibus vix arcuatis. — Operc. immersum, corneum. — Diam. maj. 5, min. $4\frac{1}{2}$, alt. 3 mill.

Helicina articulata Pfr. in Proc. Zool. Soc. 1853.

Habitat in insula Tanna Nov. Hebrid.

613a. *Helicina delicatula* Shuttleworth. †

„T. dépressé conico-globosa, tenuis, obsolete et grosse plicatula, sub lente lineolis flexuosis confertissimis eleganter insculpta, vix nitida, albida, fascia unica rubescenti-aurantiaca zonata; spira mediocris, conoidea, acutiuscula; anfr. 5 vix convexiusculi, sensim accrescentes, ultimus modice descendens; apertura perobliqua, integra, subsemicircularis; columella basi extus indentata, callo crassiusculo parum effuso; perist. tenue, breviter expansum, margine basali in columellam vix angulatim transeunte. — Operc.? — Diam. maj. $7\frac{1}{2}$, min. 6, alt. 5 mill.“ (Sh.)

Helicina delicatula Shuttl. in Bern. Mittheil. 1852. p. 303. Diagn. n. Moll. Nr. 3. p. 43.

Habitat Cordova, Vera Cruz (Jacot-Guillarmod).

617a. *Helicina retracta* Pocy.

T. globoso-conica, tenuis, laevigata, pellucida, nitida, carneo-rufa; spira conoidea, acutiuscula; sutura vix impressa, plerumque albo-marginata; anfr. 5, superi convexiusculi,

ultimus magnus, rotundatus; columella callosa, verticaliter ab anfractu penultimo descendens, desinens in denticulum, callum retrorsum emittens saturatiorem, nitidum, circumscriptum; apertura vix obliqua, triangulari-semiovalis; perist. simplex, brevissime expansum, margine supero prope insertionem, basali juxta columellam sinuoso. — Operc. tenue, fusco-purpureum. — Diam. maj. 10, min. 8, alt. 7 mill. (Pfr. ex spec. typ.)

Helicina retracta Poey Memor. I. p. 116. 120. t. 12. f. 22—26.

Habitat Cayajabos insulae Cubae (D. Nazareno de la Paz).

621. *Helicina globulosa* Orb.

Transferatur ad §. 8. Nr. 644b.

629. *Helicina alata* Menke.

Cl. *Shuttleworth* (Bern. Mittheil. 1852. p. 301. Diagn. n. Moll. Nr. 3. p. 41) *Helicinam pannuceam* Mor. ab *alata* diversam censet et pro ambabus novum genus proposuit:

***Schasicheila* Shuttleworth.**

„Testa heliciformis, globoso-conica (epidermide fimbriatim-soluta in lineis spiralibus crebris induta), basi subplanulata, loco umbilici callosa et profunde impressa. Apertura semicircularis. Peristoma continuum, ad columellam vix leviter emarginatum, superne ad insertionem profunde incisum, margine superiore pone incisionem alaeformi-producto. Operculum tenui-testaceum, semicirculare, planiusculum, superficiale, extrinsecus costa externe intramarginali elevata circumdatum; margine interno (columellari) stricto, intus lamella paululum producta incrassato et subsulcato, utrinque sed praesertim inferne in apiculo producto; externo rotundato, acuto.“

Species Cl. auctori sunt:

629. *Schasicheila alata* Menke.

Helicina alata Pfr. Mon. Pneum. p. 368 (excl. synonym. Mor.) — Cordova, Vera Cruz (Jacot-Guillarmod).

629a. *Schasicheila pannucca* Morelet.

Conf. descriptionem in *Pfr.* Mon. Pneum. p. 369.

629b. *Schasicheila Nicoleti* Shuttleworth. †

„T. depressa globoso-conica, tenuis, striatula, lineis spiralibus epidermide fusca soluta hispidulis circumdata, albida, versus apicem rubescens; spira depressa, conica, acutiuscula; anfr. $4\frac{1}{2}$ vix convexiusculi, ultimus subtus inflatus, obtuse angulatus, antice rotundatus; sutura subcanaliculata; columella stricta, callo tenuissimo extus profunde excavato; apertura ampla, obliqua, exacte semicircularis; perist. intus diffuse-callosum, subincrassatum, expansiusculum, margine dextro pone incisionem valde et flexuose alaeformi-producto. — Operc.? — Diam. maj. 16, min. 13, alt. 12 mill. Ap. 9 mill. alta.“ (Sh.)

Schasicheila Nicoleti Shuttle. in Bern. Mittheil. 1852. p. 302. Diagn. n. Moll. Nr. 3. p. 42.

Habitat Cordova, Vera Cruz.

632. *Helicina acuminata* Vel.

Poey Memor. I. p. 112. 119. = *H. lutescens* Newc. mss. teste Poey. — Legitur prope San Diego et aliis locis in „Cordillera occidental“.

633 a. *Helicina Sandozi* Shuttleworth. †

„T. conico-globosa, tenuiuscula, laevigata, vix nitidiuscula, sordide albida; spira conoidea, acutiuscula; anfr. $5\frac{1}{2}$ planiusculi, ultimus rotundatus, basi inflatus, antice subascendens; apertura lunaris, parum obliqua; columella brevis, arcuata, basi in tuberculo dentiformi incrassata, callo tenui effuso; perist. conspicue incrassatum, brevissime expansum, margine dextro flexuoso, basali pone tuberculum obtuse subexciso. — Operc.? -- Diam. maj. 11, min. $9\frac{1}{2}$, alt. 9 mill.“ (Sh.)

Helicina Sandozi Shuttle. in Bern. Mittheil. 1852. p. 303. Diagn. n. Moll. Nr. 3. p. 43.

Habitat in Mexico (Sandoz).

641 a. *Helicina chrysocheila* Shuttleworth. †

„T. depresse subgloboso-conica, solidula, tenuissime striatula, lineisque 3 — 4 impressis spiralibus remote circumdata, flavescenti-albida, nitidiuscula; spira elata, conica; anfr. $5\frac{1}{2}$ vix convexiusculi, ultimus sensim descendens, basi planulatus; apertura valde obliqua, subtriangularis; columella simplex; perist. valde calloso-incrassatum, nitidissimum, modice expansum, aurantiacum, margine supero stricto, columellari subito in callo crasso late effuso, saturate aurantiaco, nitidissimo transeunte. — Operc. pallidum, corneum. — Diam. maj. 9, min. 8, alt. $6\frac{1}{2}$ mill. (Sh.)

Helicina chrysocheila Shuttll. in Bern. Mittheil. 1852. p. 303. Diagn. n. Moll. Nr. 3. p. 48.

Habitat Cordova, Vera Cruz (Jacot-Guillarmod).

Obs. „Specimen unicum adest, *H. Campanula* Pfr. forsan consocium.“

644 a. *Helicina riparia* Pfr.

T. conica, tenuiuscula, oblique striatula, alba; spira conoidea, acutiuscula; anfr. $5\frac{1}{2}$ convexiusculi, sensim accrescentes, ultimus spira brevior, basi subconvexus; columella a basi rectangule descendens, breviter recedens, callum emittens tenuem, circumscriptum; apertura vix obliqua, fere semicircularis; perist. simplex, undique breviter expansum. — Operc.? — Diam. maj. 7, min. $6\frac{1}{4}$, alt. 5 mill.

Helicina riparia Pfr. in Proc. Zool. Soc. 1853.

Habitat prope Calamar in ripa fluvii Magdalenae, Novae Granadae.

644 b. *Helicina globulosa* Orbigny.

T. globoso-conica, solidula, sublaevigata, alba, fasciis dissolutis rubro-fuscis taeniata; spira convexo-conica, submucronata; anfr. fere 6 convexiusculi, ultimus spira paulo brevior, rotundatus, peripheria obsolete subangulatus; apertura obliqua, integra, subsemicircularis, intus rufa; columella brevis, antrorsum subdentata, callum emittens tenuis-

simum, diffusum; perist. album, breviter expansum, margine basali subincrassato. — Operc. membranaceum, pallide lutescens. — Diam. maj. 7, min. $6\frac{1}{3}$, alt. $5\frac{1}{2}$ mill. (Coll.)

Helicina globulosa Orb., *Pfr.* Mon. Pneum. p. 365. n. 621.

Habitat ad Punta San Juan de los Perros, insulae Cubae. (Gundlach.)

645 a. *Helicina elata* Shuttleworth. †

„T. turbinata, solidiuscula, sub lente minutissime et confertim striatula, caeterum laevigata, carnescenti-albida; spira conoideo-elata, apice obtusiuscula; anfr. 5 convexiusculi, ultimus non descendens, basi planiusculus; apertura parum obliqua, subsemicircularis; columella brevis, stricta, callo tenuiusculo effuso; perist. subincrassatum, brevissime expanso-reflexiusculum, margine basali cum columella rectangulariter conjuncto et quasi abscisso. — Operc.? — Diam. maj. $4\frac{1}{2}$, alt. fere 5 mill.“ (Sh.)

Helicina elata Shuttl. in Bern. Mittheil. 1852. p. 304. Diagn. n. Moll. Nr. 3. p. 44.

Habitat Cordova, Vera Cruz (Jacot-Guillarmod).

661 a. *Helicina foveata* Pfr.

T. orbiculato-conoidea, tenuiuscula, sublaevigata, nitidula, flava vel fusco-rubella, plerumque fasciis saturationibus et pallidis ornata; spira convexa, submucronata; anfr. $5\frac{1}{2}$ convexiusculi, sensim accrescentes, ultimus non descendens, basi convexior, fovea profunda juxta columellam brevem, subdenticulatam notatus; apertura parum obliqua, semiovalis; perist. tenue, undique vix expansiusculum. — Operc. chartaceum, albidum. — Diam. maj. $7\frac{2}{3}$, min. 7, alt. $4\frac{2}{3}$ mill.

Helicina foveata Pfr. in Proc. Zool. Soc. 1853.

Habitat in insula St. Thomas.

673 a. *Helicina subglobulosa* Poey.

T. globoso-conica, solida, striatula, parum nitida, alba

unicolor vel zonis 2 rufis ornata: altera lata prope suturam, altera angusta infra peripheriam; spira convexo-conica, acuminatuscula; anfr. 6, primi planuli, penultimus convexior, subbiangulatus, ultimus subcarinatus, basi parum convexus; columella brevis, arcuata, sursum dilatata, linea impressa munita, callum emittens tenuem, diffusum; apertura parum obliqua, irregulariter semiovalis; perist. latum, angulatim patens, subexcavatum, ad utramque insertionem attenuatum. — Operc.? — Diam. maj. 10, min. $8\frac{1}{3}$, alt. 7 mill. (Pfr. ex spec. typ.)

Helicina subglobulosa Poey Memor. I. p. 115. 120. t. 12. f. 17 — 21.

Habitat prope Trinidad insulae Cubae (D. Julio Saegbien).

680 a. *Helicina conoidea* Pfr.

T. conoidea, tenuiuscula, subscabre striata, vix nitidula, pallide corneo-grisea; spira regulariter conoidea, acutiuscula; sutura leviter impressa; anfr. $4\frac{1}{2}$ subplanulati, sensim accrescentes, ultimus utrinque convexior, peripheria subcarinatus; columella brevis, deorsum attenuata, callum basalem emittens tenuem, circumscriptum; apertura diagonalis, integra, subtriangularis; perist. simplex, margine supero vix expanso, basali subincrassato, reflexiusculo. — Operc.? — Diam. maj. $5\frac{1}{2}$, min. $4\frac{3}{4}$, alt. $3\frac{1}{2}$ mill.

Helicina conoidea Pfr. in Proc. Zool. Soc. 1853.

Habitat in insula Barbadoes.

686. *Helicina Moquiniana* Recluz.

T. trochiformis, tenuiuscula, oblique striatula et spiraliter confertim lirata, albo-lutescens, fulvo maculata et subfasciata; spira conica, acutiuscula; sutura submarginata; anfr. $5\frac{1}{2}$, summi laevigati, ultimus magnus, utrinque convexus, peripheria carina alba, compressa, acuta munitus; columella brevis, verticalis, callum emittens tenuem; apertura subdiagonalis, triangulari-semiovalis, intus concolor; perist. album, dilatatum, margine supero expanso, leviter

sinuato, basali fere stricto, reflexiusculo. — Diam. maj. 15, min. 12, alt. $9\frac{1}{2}$ mill. (Mus. Cuming. et Gruner.)

Helicina Moquimiana Récl., Pfr. Mon. Pneum. p. 393.

Habitat in insulis Salomonis et in ins. Tanna Nov. Hebrid.

686 b. *Helicina exacuta* Poey.

T. trochiformis, solidula, oblique subrugoso-striata, lineis spiralibus sub lente decussata, vix nitidula, pallide flavescens; spira conica, apice submucronata; anfr. 7, superi convexi, sequentes plani, subexserte carinati, ultimus compressus et acute carinatus, basi parum convexus; apertura perobliqua, subtriangularis; columella brevis, vix arcuata, callum basalem tenuem emittens; perist. simplex, margine supero expansiusculo, basali breviter reflexo. — Diam. maj. 8, min. 7, alt. 6 mill. (Pfr. ex spec. typ.)

Helicina exacuta Poey Memor. I. p. 114. 120. t. 5. f. 7—9 (carina minus distincta).

Habitat prope Cayajabos ins. Cubae.

Obs. An varietas *Helicinae stramineae* Mor.?

699 a. *Helicina cinctella* Shuttleworth. †

„T. subdepressa conoidea, tenuiuscula, oblique striata, sub lente lineis spiralibus minutis creberrime circumdata; acute carinata, nitidula, superne flava, supra carinam albidam fascia carnea deliquescente zonata, vel omnino carneo-purpurea, vel flavescendo-albida, subtus pallide flavescens; spira conoidea, subelata, acutiuscula; anfr. $5\frac{1}{2}$ convexiusculi, ultimus basi subplanulatus, non descendens; apertura obliqua, subsecuriformis; columella arcuata, simplex, basi extus indentata, callo flavido nitido late effuso; perist. album, subcallosum, breviter expansum, margine basali cum columella continuo. — Operc. aurantiacum, corneum. — Diam. maj. 11, min. $9\frac{1}{2}$, alt. 8 mill.“ (Sh.)

Helicina cinctella Shuttle. in Bern. Mittheil. 1852. p. 304. Diagn. n. Moll. Nr. 3. p. 44.

Habitat Cordova, Vera Cruz (Jacot-Guillarmod).

703 a. *Helicina Barbadensis* Pfr.

T. sublenticularis, tenuis, sub lente irregulariter rugulosa, haud nitida, diaphana, lutescenti-albida: spira breviter conoidea, acuminatiuscula; sutura vix impressa; anfr. $4\frac{1}{2}$ subplanulati, celeriter accrescentes, ultimus utrinque convexiusculus, peripheria acute carinatus: carina antice obsoletiore; columella brevissima, callum emittens parvulum, circumscriptum; apertura diagonalis, triangulari-semiovalis; perist. simplex, undique reflexiusculum. — Operc.? — Diam. maj. 6, min. 5, alt. 3 mill.

Helicina Barbadensis Pfr. in Proc. Zool. Soc. 1853.
Habitat in insula Barbadoes.

725 a. *Alcadia rubella* Pfr.

T. conoideo-depressa, tenuis, striatula, breviter pilosa (detrita oleoso-micans, diaphana), rubello-cornea; spira convexa, vertice mucronulato; anfr. $5\frac{1}{2}$ angusti, vix convexiusculi, ultimus peripheria obsolete subangulatus, basi convexior; apertura fere diagonalis, semilunaris; columella brevis, in denticulum sulco a callo basali tenuissimo separatum desinens; perist. tenue, undique breviter expansum, margine basali subrectilineari, incisura levi a columella distincto. — Operc. membranaceum, concolor. — Diam. maj. $6\frac{1}{3}$, min. $5\frac{1}{2}$, alt. 4 mill.

Helicina (Alcadia) rubella Pfr. in Proc. Zool. Soc. 1853.

Habitat in insula St. Thomas.

725 b. *Alcadia Gundlachi* Pfr.

T. conoidea-depressa, tenuis, sub lente rugulosa, vix nitidula, corneo-rubella; spira brevis, regulariter conoidea; sutura impressa, pallide submarginata; anfr. 5 convexiusculi, sensim accrescentes, ultimus magnus, rotundatus, ad peripheriam obsoletissime angulatus et pallide zonatus, basi convexiusculus; columella brevis, in denticulum retroflexum desinens, superne callum emittens tenuem, vix circumscriptum; apertura obliqua, semiovalis; perist. brevissime

expansiusculum, margine basali subrectilineari, incisura brevi a columella separato. — Operc. membranaceum, pallide carneum. — Diam. maj. $5\frac{1}{2}$, min. 5, alt. $3\frac{2}{3}$ mill.

Alcadia Gundlachi Pfr. in litt.

Habitat in insula Cuba, unde tria specimina misit Dr. Gundlach.

Neue Auriculaceen.

Vom Dr. L. Pfeiffer.

1. *Cassidula Gruner* Pfr.

T. subperforata, ovato-oblonga, solidula, longitudinaliter minute striata, sulcis spiralibus confertis (prope suturam profundioribus, distantioribus) decussata, nigro-fusca, saepe erosa; spira convexo-conoidea, obtusa; sutura linearis; anfr. fere 5 convexiusculi, ultimus $\frac{2}{3}$ longit. aequans, ovatus, basi subattenuatus, obsolete tuberculatus; apertura vix obliqua, semiovalis; plica parietalis 1 compressa, subtransversa; plica columellaris paulo minor, illi parallela; perist. simplex, margine dextro antice subcontracto, vix reflexiusculo, intus paulo supra medium unidentato, columellari dilatato, tenui, subpatente. — Long. 7, diam. $4\frac{1}{2}$ mill. Ap. 5 mill. longa, $1\frac{1}{3}$ lata.

Hab. in ins. Borneo (Gruner).

2. *Alexia obsoleta* Pfr.

T. imperforata, ovato-elliptica vel subturrita, tenuis, levissime striatula, non nitens, purpureo-castanea vel cerea; spira convexiusculo-conica, acuta; sutura linea impressa marginata; anfr. 8 convexiusculi, ultimus spiram vix superans, interdum varicosus, basi subattenuatus; apertura parum obliqua, semiovalis; plica parietalis 1 valida, compressa, intrans, inframediana, rarissime accedente supera nodiformi obsoleta; plica colum. callosa, torta, obliqua; perist. breviter expansum, intus labiatum, edentulum, mar-

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