APPENDIX.

LARVATA.

1. Animalium.
   a. Mammalium.
      α. 95. ANTHROPOLITHUS.
      β. 96. ZOOLITHUS.
   b. Avium.
      97. ORNITHOLITHUS.
   c. Amphibiorum.
      98. AMPHIBIOLITHUS.
   d. Piſcium.
      99. ICHTHYOLITHUS.
   e. Inſectorum.
      100. ENTOMOLITHUS.
   f. Vermium.
      101. HELMINTHOLITHUS.
2. Vegetabilium.
   102. PHYTOLITHUS.

LARVATA.

95. ANTHROPOLITHUS. Corpus humanum ejusve partes referens.

totalis. 1. A. totum corpus humanum referens.
Syst. nat. I. *p.* 201. *n.* 1. XII. 3. *p.* 156. *n.* 1. *Gesn. petrif.* 73. oolithus hominis.
Cartheus. miner. 81. Anthropolithus totius corporis.
Heppel Schatkamm. 579. *Henckel flor. saturn.* 532. Petrificatum hominis.
Cronst. miner. §. 282. 2. 1. 1. 1. *et* §. 285. 3. 1.
Inventus Fahlunae *in* Suecia, *vitriolo ferri et pyrita conditus, in lapidem durum, ut fertur conversus*, 1585 Aquis sextiis Galliae, Reattlingae *in* Suevia, Freybergae *in* Saxonia.

partialis. 2. A. cranii vel aliorum ossium.
Grew mus. soc. reg. p. 332.
Kundmann promtuar. p. 255.
Inventus traditur in montibus Remis Campaniae gallicae *vicinis.*

96. ZOOLITHUS. Corpus mammalis cujusdam ejusve partes referens.

Turcosa. 1. Z. dentium duriusculus ex viridi caerulescens.
Syst. nat. I. *p.* 201. *n.* 4. XII. 3. *p.* 156. *n.* 4. Zoolithus dentis viridi caerulei.
Reaumur act. paris. 1718. *p.* 230. Turcosa gallica.
Waller. miner. 359. Petrificata animalia dentium quadrupedum, nitorem et polituram gemmeam admittentia, colore cyaneo.
Waller. syst. miner. 2. *p.* 575. *n.* 5. Zoolithi mineralisati dentium quadrupedum colore cyaneo nitorem et polituram gemmeam admittentes cuprei.
Cronst. mineral. §. 287. 2. 1. 1. 1.
Habitat in Persia, Sibiria, Bohemia (*prope* Lelsa, Thurgovia Helvetiae, Occitania inferiori, *et provincia* Nivernensi

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Non confundenda cum his larvatis ossa et ligna mere fossilia, animalia et vegetabilia eorumque partes cortice lapideo obducta, aut insecta et vegetabilia mineralibus inclusa. Anthropolithi plurimi maxime dubii.

nensi Galliae, *orientis incolis magni aestimatus et adhucdum inter gemmas relatus, quamvis politura mediocrem tantum acquirat nitorem, opacus, linguae paulisper adhaerescens, ferri interdum forsan cupri calce tinctus, ut tamen saepe demum ad aërem, solem aut leniorem ignem acquirat, fortiori vero vel diutius efficaci in sordide luteum, fuscum aut nigricantem convertat.*

Osteolithus. 2. Z. ossium calcareus.
Karst. in Lesk. Mineralkab. 2. *p.* 43.
Habitat in Thuringia *prope* Erfordiam *et* Vinariam, *in marmor vulgatum conversus.*

simiae. 3. Z. integri sceleti simiae.
Swedenborg regn. subterran. de cupro. Dresd. 1734. *fol. p.* 168. *t.* 2.
Inventus in Hennebergia 1733 *prope* Glücksbrunn, *margae bituminosae cupriferae inclusus.*

cervi. 4. Z. ossium cervi.
Syst. nat. I. *p.* 201. *n.* 2. XII. 3. *p.* 136. *n.* 2. *Gesn. petrif.* 43. Zoolithus cervi.
Spada lap. veron. p. 45. Petrificatum cervi totalis.
Hermann marlograph. Sceleton alces.
v. Born ind. foss. 2. *p.* 1. Zoolithus cornu cervi ferrugineus ochraceus fuscus.
Inventus in montibus di Valmenara di Grezzana, *in* Silesia, *prope Baruth in* Silesia, *nunc integrum sceleton, nunc ossa segregata.*

Rosmari. 5. Z. capitis ossei Rosmari.
Monti monument. diluv. nuper in agro Bonon. det. Bonon. 1719. 4.
Inventus circa Bononiam Italiae.

bovis. 6. Z. sceleti bovini.
Inventus sub finem prioris seculi in Saxonia *inter* Querfurtum *et* Gatterstedt.

soricis. 7. Z. sceleti soricini.
Inventus in Bohemia, *ardesiae inclusus.*

97. ORNITHOLITHUS. Corpus avis ejusve partem referens.

rostri. 1. O. rostri. *Syst. nat.* I. *p.* 200. *n.* 2. XII. 3. *p.* 157. *n.* 2. *Waller. miner.* 360. *syst. miner.* 2. *p.* 567. *n.* 4. a. Xylostea rostrorum avium.
Inventus circa Jenam *et* Vinariam, Thuringiae Reutlingam Sueviae, *et in suillo schistoso impressus* Jeningae *ad fines* Sueviae Helveticos.

ossium. 2. O. ossium.
Waller. syst. miner. 2. *p.* 567. *n.* 4. Ornitholithi avium, *et p.* 568. *n.* 7. Typolithi ossium avium.
Hermann marlograph. 2. *c.* 9. *p.* 224.
Habitat in Silesia.

plumarum. 3. O. plumarum.
Waller. syst. miner. 2. *p.* 566. *n.* 2. Ornitholithi plumarum avium, *et p.* 568. *n.* 6. Typolithi plumarum avium.
Scheuchz. querel. et vindic. pisc. p. 14. *t.* 2.
Walch Naturg. Verstein. II. 2. *p.* 182.
Inventus potissimum Oeningae *ad fines* Sueviae Helveticos *suillo schistoso impressus.*

98. AMPHIBIOLITHUS. Corpus amphibii ejusve partem referens.

testudinis. 1. A. testudinis. *Gesn. petrif.* 41.
Inventus totalis in Helvetiae *ardesia* Glaronensi, *in topho montis* S. Petri *prope* Trajectum *ad* Mosam *potius typolithus, partialis in ardesia* Glaronensi *et prope* Berlingam Helvetiae, *in* Malta, Lipsiae *et in aliis* Saxoniae *partibus, in* Angliae *quoque, praesertim* Oxfordiae *lapidicinis obvius.*

ranae. 2. A. ranae. *Gesn. petrif. p.* 40. 41.
Spener miscell. Berolin. p. 102. Lapis ingentis magnitudinis bufonem exhibens.
Inventus partialis capitis ranae in ardesia Helvetiae Glaronensi, *totalis bufonis in suillo schistoso* Oeningensi.

crocodili. 3. A. totalis sceleti crocodili. *Gesn. petrif. p.* 40.
Miscell. Berol. 1710. *p.* 103. *f.* 24. Crocodili sceleton e fodinis thuringicis Kupferluhliensibus ad 50 ulnarum profunditatem.

Act.

Ornitholithi *plurimi potius typolithi, alii heic omissi ad incrustata referendi.*

Act. Lipf. 1718. *p.* 188. *t.* 11. Sceleton Crocodili in ſchiſto.
Stuckeley act. angl. n. 360. *p.* 936. *cum ic.*
Inventus in Anglia (*prope* Ellſton) *in argilla indurata*, *in* Aquitania (*prope* Dax) *in* Hennebergia (*prope* Suhl) *et* Wirtembergia (*prope* Boll) *in lapide ſchiſtoſo.*

99. ICHTHYOLITHUS. Corpus piſcis ejusve partem referens.

niger. 1. I. in lapide ſchiſtoſo nigro.

Fiſchſchiefer. *Syſt. nat.* I. *p.* 198. *n.* 1. XII. 3. *p.* 159. *n.* 1. *Schreb. lithogr.* 106. Ichthyolithus totalis ſchiſti.
Geſn. petrif. p. 37. *Wolf. halſ. t.* 13. 20. *Davil. curioſ.* 3. *t.* 4.
Myl. ſaxon. 1. *p.* 4. *f.* 1-3. *et p.* 47. *f.* 12. *Braun miner.* 2. *t.* 7. 8. Piſces petrificati.
Geſn. fig. 161. Lapis islebianus.
J. J. Scheuchzer querelae et vindiciae piſcium. Tigur. 1708. 4. *p.* 15.
β) *Syſt. nat.* XII. 3. *p.* 158. *n.* 5. Amphibiolithus totalis Nantis.
Invenitur in marga bituminoſa, vel ardeſia, piſce ipſo vel ipſius parte nunc bitumine, nunc pyrita, nunc cupro fulvo perfuſa, in monte Vicentino Viale, *in montibus* Helvetiae Glaronenſibus, *in* Wirtembergia *prope* Boll, *in comitatu* Iſenburgico (*prope* Haingründa,) *prope* Münſterappel *ad* Rhenum, *in* Haſſia (*prope* Riegelsdorf) *in comitatu* Mansfeld (*prope* Islebiam, Rotenburgum,) *et* Henneberg (*prope* Ilmenau,) Sileſia (*prope* Mansbach,) *et insula* Angliae Sheppey, *piſcibus ipſus ad muraenae, xiphiae, gadi, ſcorpaenae, pleuronectis, ſpari, labri, percae, ſcombri, ſilari, ſalmonis, eſocis, mugilis, clupeae, cyprini baliſtae, ſyngnathi, rajae genus pertinentibus, interdum merus typolithus.*

pallidus. 2. I. in lapide ſchiſtoſo pallido.
Syſt. nat. I. *p.* 198. *n.* 2. XII. 3. *p.* 159. *n.* 2. *Muſ. Teſſin.* 100. *Schreb. lith.* 107. *Rumpf muſ. t.* 59. *f.* H. Ichthyolithus totalis marmoris.
Scheuchz. muſ. 97. 104. *querel.* 17. *herbar.* 40. 115. Marmor ſ. lapis fiſſilis marmoreus candidus ſ. ſubflavus eichſtadienſis ſ. pappenheimenſis cum dendritis piſciumque impreſſionibus.
Krüger Geſch. d. Erde. Hall. 1746. 8. Piſcis in lapide.
Habitat in Palaeſtinae Libano, Veronenſi *monte* Bolca, Romania Italiae *mediae* (*prope* Scapezzano *et* Mondolfo,)

Helvetiae *pago* Uri, *in confiniis* Sueviae Helveticis (*prope* Oeningen,) *comitatu* Pappenheimensi, Bavaria, *principatu* Eichstadiensi *et* Onoldino, *piscibus, varius marinis,* e. gr. *scorpaena, pleuronecte, scaro, labro, scombro, trigla, exocoeto, quam fluviatilibus muraenis, percis, cobitide, salmonibus, esocibus, cyprinis, eorumve capitibus, branchiarum operculis et osiculis, aliisve ossibus, pinnis, caudis, cirrhis, squamis fuillo schistoso cinerascenti, aut marmori fissili impressis, interdum quoque bitumine perfusis.*

Bufonites. 3. I. dentis molaris anarhichae.

Syst. nat. I. *p.* 198. *n.* 4. *Mus. Tessin.* 100. *n.* 4. *Schreb. lithol.* 109. Ichthyolithus dentis hemisphaerici.

Act. angl. 200. *p.* 750. *Lugd. lithoph.* 70. *Mort. north.* 244. Bufonites majusculus atro-rubens instar capsulae glandis quercinae.

Boët. lap. 301. Lapidis bufonitis varietas prima.

Merret pin. 210. Bufonius.

Gesn. lap. 161. Batrachita s. Crapodina.

Habitat cum glossopetris e. gr. *in* Wirtembergia, *lapidicinis* Saxoniae Querfurtensibus, *extrinsecus nitens laevis, saepissime niger.*

Glossopetra. 4. I. dentis squali.

Syst. nat. I. *p.* 198. XII. 3. *p.* 158. *n.* 6. *Schreb. lith.* 108. Amphibiolithus dentis squali.

Olear. mus. t. 21. *Büttn. diluv.* 242. *t.* 24. B. 9. γ. A. 7. *Lerch. oryctol.* 39. *Vogel miner.* 211. *Wolff hals. t.* 21. *J. Reiske de glossopetr. Luneburg. Lips.* 1684. 4.

α. anceps serratus. *Gesn. fig.* 162. *f.* A. B. *Worm. mus.* 67. *f.* 4. *Bocc. obs.* 314.

β. anceps incurvus integerrimus. *Schreb.* α.

γ. anceps rectus integerrimus. *Schreb.* β.

δ. subanceps basi bifurca. *Schreb.* γ. *Gesn. fig.* 162. *f.* 1. *Worm. mus.* 67. *f.* 1.

ε. teres rectus striatus trifidus. *Schreb.* δ.

ζ. subulatus striatus. *Schreb.* η.

Habitat in Archipelagi *insulis, frequens in* Melita, Italia (*prope* Creuzzo *et* Veronam,) Helvetia, Wirtembergia (*prope* Echterdingam, Bebenhusam, Pfullingam,) Palatinatu (*prope* Alzey,) *prope* Aquisgranum, *et* Luneburgum, *in* Holsatia, Hassia, Mansfeldia, Saxonia (*praesertim prope* Querfurtum,) Carniolia, Carinthia, Bohemia

mia (*prope* Pragam) Silesia, Borussia, Scotia, Anglia, Gallia, *duriusculus, extrinsecus nitens, intus fibrosus, variae magnitudinis, saepe minimus, solitarius et gregarius, liber aliisve fossilibus infixus, utplurimum glaucus, ater aut badius, rarius thalassinus.*

100. ENTOMOLITHUS. Insectum aut partem ejus referens.

Cancri. 1. E. cancri. *Syst. nat.* I. *p.* 197. *n.* 1. *Mus. Tessin.* 98. *Vogel mineralf.* 208. Astacolithus s. Gammarolithus. *Zannich. mus.* 54. 29. 32. *Scheuchz. quer.* 29. *t.* 4. Cancer lapideus.
Gesn. petrif. 59. Astacolithus.

α. brachyuri.
a. pisi. *Walch Naturg. Verstein.* 1. *p.* 152.
b. vocantis. *Walch Naturg. Verstein.* 1. *p.* 152.
c. craniolaris. *Walch Naturg. Verstein.* 1. *p.* 152.
d. maenadis. *Davil. catal.* III. *t.* 3. H. h.
e. dromiae. *Aldrov. mus. metall. p.* 152.
f. paguri.
Bourguet petrif. 113. *Tess. mus.* 98. *Rumpf mus. t.* 6. *f.* 1. 2. 3. Cancer lapidefactus.
Gesn. fig. 167. *Davil. catal.* 3. *t.* 3. *f.* G. Pagurus lapidens.
g. chabri. *d'Annon. miner. Belust.* 5. *t.* 3. *f.* 1. 2?
h. cristati. *Walch Naturg. Verstein.* 1. *p.* 153.
i. longipedis. *Walch Naturg. Verstein.* 1. *p.* 153.
k. cruentati. *Kundm. rar. nat. et act. t.* 4. *f.* 10.

β. macrouri.
a. parasitici. *Kundm. rar. nat. et act. t.* 4. *f.* 9.
b. astaci.
Scheuchz. sacr. 64. *t.* 56. *Davil. catal.* 3. *t.* 3. *f.* I. Astacus petrificatus.
c. carcini. *Baier monim. rar. petrif. p.* 13. 14. *t.* 8. *f.* 1. 2.
d. squillae. *Baier monim. rar. petrif. t.* 8. *f.* 10. 12. *Kundm. rar. nat. et art. t.* 4. *f.* 12.
e. crangonis. *Knorr Verstein. t.* 15. *f.* 6?
f. mantis.
v. Born ind. foss. 2. *p.* 4. Entomolithus cancri macrouri.
g. policis.
Klein dub. 36. *f.* E. Z. Pulex petrificatus.
h. stagnalis.
v. Born ind. foss. 2. *p.* 4. Entomolithus cancri macrouri stagnalis.

Habitat in Aegypto; America, Japonia, Sina (*prope* Canton,) Java, India (Tranquebariae, *et ad littora* Coromandel *et* Malabar,) *in* Italia (*prope* Vicentium, *et in parte tenarum* Venetarum Veronensi *prope castellum* S. Felicis, *in valle* Donega, *ad radicem montis* S. Leonhardi, *et prope* Casa di Chiafarin di Cema,) *in* Helvetiae *montibus* Lagerberg, Schneckenberg *et* Glaronensibus, *in comitatu* Pappenheimensi, *terra* Eichstadiensi, *et* (*prope* Solenhofen) Onoldina, *in terris* Brunsvicensibus (*prope* Helmstaedt *et* Gehrden,) *terra* megalopolitana (*prope* Altstargard,) Belgio (*prope* Trajectum *ad* Mosam *in monte* S. Petri,) Gallia (*prope* Dax, Dieulouard *et* Angers,) Hispania, *et* Angliae *insula* Sheppey, *nunc integrum animal, nunc scutum dorsale, chelas, pedes, caudam vel lapillos referens, in ardesia et marmore fissili, frequentius, quam in aliis fossilibus* e. gr. *arenario, argilla indurata, obvius.*

monoculi. 2. E. monoculi polyphemi.
(*Andreae*) *Br. aus der Schweiz. p.* 32. *t.* 4.
Habitat in marmore fissili Onoldino (*prope* Solenhofen.)

paradoxus. 3. E. onisci paradoxi.
Syst. nat. XII. 3. *p.* 160. *n.* 2. *Mus. Tessin.* 98. *t.* 3. *f.* 1. 2. *Act. Stockh.* 1759. *p.* 19. *t.* 1. *f.* 1-4.
Act. petropol. 1766. Oniscus petrificatus.
It. oel. 147. *f.* 147. Petrificatum valvulam echiei referens.
Schreb. lithol. p. 48. Conchites anomius valvulis trilobis.
It. wgoth. 87. *f.* 88. Petrificatum ignotum.
Woltersd. miner. 41. *Lehm. Floezg.* 72. *t.* 1. A. B. Conchites tribus lobis scarabaeum referens.
Lindawes ap. J. Mayer Samml. phys. Aufs. p. 39-42.
β) *It. wgoth.* 24. *scan.* 121. Petrificatum insecti coleoptrati.
Bromel act. Upsal. 1729. *p.* 494. *t.* 496. 497. *lithol.* 2. *p.* 494. 525. 526. 528. Lapis fissilis niger aluminaris insectorum vestigia exhibens.
γ) *It. scan.* 122. Petrificatum alterum pisiforme.
Bromel act. Upsal. 1729. *p.* 527. Petrificatum.
Habitat in Angliae *provinciis* Shrop (*prope* Colebrookdale,) Stafford *et* (*prope* Dudley) Worcester, *in* Ostrogothia, Westrogothia, Oelandia *et* Scania Sueciae, *in monte* Borussiae Cyngalerberg *prope* Gedanum, *ducatu* Megalopolitano (*prope* Rostochium, Stargard *et* Gnoym,) Marchia Uckerana *et reliqua* Brandenburgica (*prope* Berolinum, *novum* Ruppinum *et* Francofurtum,) Bohemia (*prope* Cosors

Cofors *et* Ginez,) Franconia (*prope* Glüeksbrunn,) Thuringia (*prope* Burgwenden,) *terra* Paderbornenſi (*prope* Stemme,) Eifalia (*prope* Keldenig, Soetenich, *et in monte* Koermberg,) *prope* Aquisgranum, *in* Gallia (*prope* Angers,) Hiſpania (*prope* Pardos *et* Anchuela) *et* Helvetia, *in marmoris et ſuilli variis ſpeciebus, frequentiſſime nigris, ardeſia, jaſpide, pyromacho, arenario, alumine ſchiſtoſo occurrens, nonnunquam merus typolithus, alias aut vagus, aut matrici infixus, ſolitarius, aut una cum aliis larvatis, nunc rectis, nunc vermis inſtar incurvatus, nunc expanſus, nunc contractus, nunc partialis, nunc totalis, oblongo-ovatus, ex capite, trunco et cauda compoſitus, capite teſta valde convexa ſubaſpera ſaepius tripartita antrorſum ſemilunari tecto, ſulcis per totam longitudinem, interdum flexuoſis, exarata, ſupra ad latera hemiſphaericis aut cylindricis duobus tuberculis notato; trunco cylindrico trilobo, teſta laminoſa ex annulis verſatilibus triarcuatis compoſita tecto; cauda tenui per tria tubercula tripartita: An protypus oniſci ſpecies?*

101. HELMINTHOLITHUS. Vermen ejusve partes potiſſimum duriores referens.

α. molluſcorum.

aſteriae. 1. A. aſteriarum.

α. pappoſae.
in marmore fiſſili Pappenheimenſi *et* Onoldino.

β. rubentis.
in topho montis S. Petri *prope* Trajectum *ad* Moſam.

γ. minutae.
Syſt. nat. I. *p.* 1099. *n.* 4. XII. 3. *p.* 166. *n.* 11. Helmintholithus (Aſtrion) Aſteriae minutae.
in Angliae *creta.*

δ. glacialis?
in Gallia *prope* Mulesme.

ε. reticulatae.
in Gallia *prope* Chaſſai ſur Saone.

ζ. arantiacae.
Walch Steinr. 1. *p.* 107. 108. *t.* 2. *n.* 1. Stellae marinae.

η. equeſtris.
in arenario Saxoniae Pirnenſi.

ϑ. ophiurae.
in marmore, potissimum fissili, mantuano Italiae, Onoldino Germaniae, *radiis solitariis etiam prope* Rotenburgum *ad* Tubarim *obviis*, *in arenario micante flavo in* Hennebergia *prope* Oberlantes.

ι. pectinatae.
in marmore fissili Pappenheimensi *et* Onoldino.

κ. multiradiatae.
b?. *Syst. nat.* XII. 3. *p.* 166. Helmintholithus (alveatus) cylindricus aggregatus confertim oblique annulatus.
radiis avulsis aggregatis in ducatu Megalopolitano *prope* Stargard.

λ. capitis medusae.
passim radii solitarii.

Habitat paulo rarior, in montibus cretaceis, calcariis, arenariis, saepius tantummodo impressus.

echini. 2. H. echinorum.

α. integrorum.
Syst. nat. XII. 3. *p.* 166. *n.* 10. *Mus. Tessin.* 94. *Schreb. lithol.* 103. a. Helmintholithus (Echinites) echini.
Olear. mus. 22. 21. *Woltersd. miner.* 36. *Gesn. petrif.* 34. *n.* 1-12. *Gesn. figur.* 168. b. 1. 2. *et* 156. b. 1. 2. *Rumpf mus. t.* 50. *f.* 7. 9. *et t.* 59. *f.* C. E. F. Echinites.

a. esculenti.
in Anglia, Hildesia, Saxonia (*prope* Halam *et* Lipsiam,) Temesia (*prope* Moldawa,) *principatu* Neocomensi, *creta, marmore, marga, pyromacho, achate, pyrita fartus.*

b. excavati. *Klein echinod. ad. Lesk. p.* 95. *t.* 44. *f.* 3. 4. *in marmore* Veronensi *ex flavo cinereo.*

c. globuli?
in Angliae, Belgii (*prope* Trajectum *ad* Mosam) Westphaliae (*prope* Ludenberg *et* Bürwenich,) Hercyniae (*prope* Goslariam,) Hassiae (*prope* Bibra,) *episcopatu* Basileensi (*prope* Pfeffingen) *utplurimum calcariis rarius pyromacho.*

d. saxatilis.
in marmore Austriae *superioris prope salifodinas obvio.*

e. ovarii.
in Angliae, Normandiae, Helvetiae *montibus cretaceis et calcariis.*

f. diadematis.
in Helvetiae *monte* Randberg, Westphaliae Rothenberg,

g. circinati. *Lesk. ap. Klein echinod. p.* 119. *t.* 45. *f.* 10.

h. cida-

h. cidaridis.
in Angliae, Saxoniae (*in* Plauiſchen Grund *prope* Dresdam,) Franconiae (*inter* Bambergam *et* Erlangam,) Wirtembergiae, (*ad montem* Teck,) Sueviae (*prope* Giengen) *pyromacho*, Wirtembergiae (*prope* Blabyram) *marmore, etiam prope* Pfullingam, *in* Helvetiae *monte* Randberg, *valle* Hemmerthal *et prope* Babendorf, *in* Hildeſiae *monte* Galberg *obvius*.
i. mammillati.
in Melita, Helvetiae *monte calcario* Legerberg, Lotharingiae (*prope* Basville) *minera ferri*.
k. lucuntris.
in Angliae *montibus cretaeeis*, Veronenſibus.
l. coronalis. *Lesk. ap. Klein echinod. p.* 136. *t.* 8. A. B.
in Angliae *potiſſimum*, *creta et pyromacho*.
m. aſterizantis. *Klein echinod. ed. Lesk. p.* 141. *t.* 8.
creta repletus, *teſta in ſpatum converſa*.
n. teſſellati. *Klein echinod. ed. Lesk. p.* 153. *t.* 11. G.
in Baſileae *montibus calcariis*.
o. botryoidis. *Lesk. ap. Klein echinod. p.* 154. *t.* 11. H.
p. ſinuati. *Klein echinod. ed. Lesk. p.* 157. *t.* 12.
in Angliae *creta et marmore*.
q. ſemigloboſi. *Klein echinod. ed. Lesk. p.* 158. *t.* 43. *f.* 1.
in Sileſiae, Helvetiae *montibus calcariis*.
r. quinquelabiati. *Klein echinod. ed. Lesk. p.* 159. *t.* 41. *f.* 3.
in Helvetiae *montibus calcariis*.
s. conoidei. *Lesk. ap. Klein echinod. p.* 159. *t.* 43. *f.* 2.
t. albo-galeri. *Lesk. ap. Klein echinod. p.* 162. *t.* 13. A. B.
in Angliae, *creta*, Saxoniae *inferioris marmore*.
u. depreſſi. *Lesk. ap. Klein echinod. p.* 164. *t.* 40. *f.* 5. 6.
in Saxoniae *inferioris*, Helvetiae *calcariis*.
x. vulgaris.
Waller. ſyſt. miner. 2. *p.* 507. Echinitae fibulares.
in Angliae, Germaniae, Sileſiae *calcariis frequens*.
y. quadrifaſciati. *Lesk. ap. Klein echinod. p.* 170. *t.* 47. *f.* 3-5.
z. ſexfaſciati. *Lesk. ap. Klein echinod. p.* 170. *t.* 50. *f.* 1. 2.
aa. ſubuculi. *Lesk. ap. Klein echinod. p.* 171.
bb. ſcutati. *Klein echinod. ed. Lesk. p.* 175.
in Angliae, Daniae *creta*.
cc. ovati. *Lesk. ap. Klein echinod. p.* 178. *t.* 53. *f.* 3. *t.* 42. *f.* 5. *et t.* 8. *f.* G.
dd. puſtuloſi. *Lesk. ap. Klein echinod. p.* 180. *t.* 16. A. B.
in Angliae *creta*, Germaniae *marmore*.

ee. qua-

ee. quadriradiati. *Lesk. ap. Klein echinod. p.* 182. *t.* 54. *f.* 1.
in Hollatiae *marmore rudi.*

ff. minoris. *Lesk. ap. Klein echinod. p.* 183. *t.* 16 C. D. *et t.* 17. a. b. c. d.

gg. dubii. *Lesk. ap. Klein echinod. p.* 184. *t.* 44. *f.* 5.

hh. rosacei.
in Occitaniae *montibus* Sevennis.

ii. alti. *Lesk. ap. Klein echinod. p.* 189. *t.* 53. *f.* 4.

kk. orbiculati. *Lesk. ap. Klein echinod. p.* 194. *t.* 41. *f.* 2.
in Helvetiae *montibus calcariis.*

ll. subrotundi.
(*Andreae*) *Br. a. d. Schweiz t.* 5. *f.* g.

mm. corollati. *Lesk. ap. Klein echinod. p.* 209. *t.* 40. *f.* 4.

nn. Orbiculi.
in terrae Venetorum *parte* Veronensi *et* Vicentina, Occitania, (*prope* Bardenburg) Westphalia.

oo. placentae.
in Melita.

pp. cordis anguini.
Luid lithop. brit. p. 47. n. *et fig.* 964-969.
in Angliae *creta*, Germaniae *marmore rudi.*

qq. lacunosi.
Scill. corp. mar. t. 7. *f.* 1. *t.* 10. *f.* 4. *et t.* 25. *f.* 2.

rr. radiati. *Lesk. ap. Klein echinod. p.* 234. *t.* 25.
Walch diluv. monum. p. 182. *t.* E. 14. *n.* 1. 2.

ss. complanati. *Lesk. ap. Klein echinod. p.* 238. *t.* 51. *f.* 1. 2.
in Helvetiae *marmore rudi.*

tt. subglobosi. *Lesk. ap. Klein echinod. p.* 240. *t.* 54. *f.* 2. 3.
in Angliae *creta*, Helvetiae *marmore rudi.*

uu. Ananchytis. *Lesk. ap. Klein. echinod. p.* 243. *t.* 53. *f.* 1. 2.

xx. bicordati. (*Audreae*) *Br. a. d. Schw. p.* 16. *t.* 2. *f.* c.
in Helvetia.

yy. carinati. *Lesk. ap. Klein echinod. p.* 245. *t.* 51. *f.* 2. 3.
in Norico.

zz. spatagi.
in Angliae *creta frequens, in* Belgii (*prope* Trajectum *ad* Mosam,) *topho*, *ducatus* Juliacensis *et* Bergensis (*prope* Blazheim *et* Steinen,) *comitatus* Regenstein (*prope* Thale,) Helvetiae (*ad* Birsam *prope* Basileam, Vergiae, Melitae *marmore.*

aaa. brissoidis. *Scill. corp. mar. t.* 10. *f.* 1.

bbb. ovalis. *Lesk. ap. Klein echinod. p.* 253. *t.* 41. *f.* 5.
in Helvetia.

ccc. pyri-

ccc. pyriformis. *Lesk. ap. Klein echinod. p.* 255. *t.* 44. *f.* 7. *et t.* 51. *f.* 5. 6

ddd. lapidis cancri. *Lesk. ap. Klein echinod. p.* 256. *t.* 49. *f.* 10. 11.

eee. patellaris. *Lesk. ap. Klein echinod. p.* 256. *t.* 53. *f.* 5-7.

β. partium.

a. aculeorum.

Syst. nat. XII. 3. *p.* 165. *n.* 9. Helmintholithus (judaicus) obovatus crenulato-striatus subpetiolatus.

Mus. Tessin. 94. Helmintholithus judaicus lapis dictus.

Imperat. hist. nat. 743. *f.* 1-4. *Volkm. silef.* 1. *t.* 27. *f.* 32. *Aldrov. mus.* 711. *Calceol. mus.* 298. *Worm. mus.* 69. *Wagn. lap. judaic. Hal.* 1724. 4.

(*Andreae*) *Br. a. d. Schw. p.* 266. Lapis judaicus.

a. tenuissimi, teretes.

prope Aquisgranum.

† recti.

1. cylindrici.

in Helvetiae *monte* Randberg.

2. conici.

in Helvetiae *monte* Randberg, Bohemiae *suillo prope* Cosors.

†† incurvi.

prope Veronam.

b. crassiores.

in Helvetia, Sueciae (*prope* Giengen) *pyromacho*, *laeves*, *granulati*, *nodosi*, *aculeati*.

c. forma digiti.

d. fusiformes.

e. triquetri.

in Helvetiae *monte* Randberg, *in* Suevia *prope* Giengen.

f. clavati.

in carpathicorum *montium marmore*, Veronensi (*in* Scoglio della Limpia,) *ducatus* montani (*prope* Paffrath,) Saxoniae (*prope* Querfurtum) *pyromacho*, *vagi et fixi*, *acaules et stipitati*, *laeves*, *striati*, *granulati*, *nodosi*, *verrucosi*, *denticulati*.

g. cucumerini.

in Bohemiae (*prope* Cosors) *suillo*, Veronensium *montium marmore*, *in* Helvetiae *monte* Randberg *et pago* Basileensi, Wirtembergiae *alpibus prope* Ehningen, Pfullingen, Nebelloch, Thalheim, *monte* Rosberg, *ducatu* Juliacensi (*prope* Nothberg.

h. glan-

ϑ. glandiformes.
in Weſtphalia (*potiſſimum prope* Bensberg,) Helvetiae *monte* Randberg, Lotharingia (*prope* Basville.)
b. verrucarum.
in Helvetiae *monte* Randberg.
c. ſcutellarum.
in Helvetiae *monte* Randberg, *prope* Ehningen *et* Pfullingen *in* Wirtembergia.
d. denticulorum.
in Auſtriae *ſuperioris* (*prope ſalifodinas*,) *et* Thuringiae (*prope* Vinariam *et* Jenam) *marmore*.

β. teſtaceorum.
a. multivalvium.

chitonis. 3. H. chitonis.
prope Creazzo *in* Venetorum *terris*.

lepadis. 4. H. lepadis.
α. balani.
in Pedemontii (*prope* Montafia) *arenario*, *in* Melita, Occitania, (*prope* Dresdam) Saxonia.
β. balanoidis.
in Pedemontio.
γ. tintinnabuli.
in Pedemontii, *potiſſimum vallis* d'Andona *marmore*, *etiam in* Cevennis *montibus*.
δ. mitellae.
in Pedemontii (*prope* Montafia) *marmore*.

pholadis. 5. H. pholadis.
Habitat calcariae aut ſiliceae indolis in pago et epiſcopatu Baſileenſi (e. gr. *prope* Diekten,) *in* Pedemontio, *terra* Sienenſi, *etiam prope* Staggio Hetruriae, *prope* Bononiam *et* Tergeſtum.

b. bivalvium.

Muſculites. 6. H. myae.
in Arabia, Anglia, Belgio (*prope* Trajectum *ad* Moſam,) Alſatia (*prope* Buchsweiler,) Helvetia (e. gr. *prope* Berlingen,) Suevia (*prope* Oeningen,) Wirtembergia (*prope* Tuttlingen, Balingen, *in monte* Hangberg, *prope* Thalhum, Naehren, Pfullingen, Grosbettlingen, Bebenhauſen, Echterdingen, Boll, Heidenheim, Franconia (*prope* Altdorf, Wertheim, Herbipolin, Memeldorf,) Thuringia (*prope* Arnſtadt, Jenam *et* Vinariam,) Haſſia (*prope*

(*prope* Gudensberg,) Hercynia (*prope* Goslar,) *ducatu* Brunsvicensi, Hildesiae *montibus* Osterberg *et* Galberg, *ducatu* Bergensi (*prope* Gerresheim) *et prope* Aquisgranum.

Solenitas. 7. H. solenis.
in Hispania (*prope* Anchuela,) Helvetia (*prope* Castelen, Schenkenberg, Gyslifluh, Hotwil, Oberflachs, Schinznach,) Suevia (*prope* Oeninger *et* Reutlingen,) Wirtembergia (*prope* Pfullingen, Thalheim, Osterdingen, Boll, Heydenheim,) Franconia (*prope* Winkelheid *et* Herbipolin,) Saxonia, Thuringia (*prope* Gruusen *et* Waidenbach,) Hercynia (*prope* Bleichenrode, *in monte* kleiner Kazenberg *et* Tilgenwiese *prope* Goslar,) Hildesia (*in monte* Galberg,) *et ducatu* Bergensi (*prope* Ringersheid *et* Gerresheim,) *interdum merus typolithus aut nucleus, calcarius, arenarius, pyritaceus, aut ferruginosus.*

Tellinites. 8. H. tellinae.
in Italiae *superioris*, Helvetiae (*in monte* Randberg,) Hungariae, Bohemiae (*prope* Pragam,) Franconiae (*prope* Solenhofen,) Megalopolis (*prope* Neustreliz,) Hildesiae (*prope* Dikholzen,) Hercyniae (*in* Osterfeld *prope* Goslar,) Alsatiae (*prope* Gundershofen) *marmore, typolithus in* Austriae (*prope* Prugg *ad fluvium* Leutha) *argilla.*

α. H. linguae felis.
in Helvetiae *et* Wirtembergiae *montibus calcariis.*

β. H. tellinae rostratae.
in Wirtembergia *prope* Boll *et* Nachren, *vagus, calcarius.*

γ. H. tellinae donacinae.
calcarius prope Herbipolin.

Bucarditeſ. 9. H. cardii.
in America *meridionali*, Campania *gallica*, Italia (*prope* Bononiam,) Croatia (*prope* Samabor,) Transilvania, Temesia, Bohemia (*prope* Duchomierziz,) Austria (*prope* Prugg *ad fluvium* Leutha *et* Brunn,) Wirtembergia (*in monte* Hungberg, *prope* Heydenheim, Thalheim, Echterdingen, Boll,) Franconia (*prope* Altdorf,) Thuringia (*prope* Jenam *et* Vinariam,) Hercynia (*ad montem* Kalkberg *prope* Goslar,) *in circulo* Germaniae westphalico (*prope* Gerresheim *et* Bergheimersdorf,) *nucleus utplurimum vagus, marmoreus, suillus, arenarius, vel pyriticosus.*

α) H.

α. H. cardissae.
in Austria (*prope* Prugg *ad fluvium* Leutha.)
β. H. cardii tuberculati.
in Transilvaniae *montibus*, Bohemia, Campania *gallica*, Barbaria (*prope* Algeriam.)
γ. H. cardii rustici.
in Wirtembergia (*prope* Bebenhusam) *fuillus*.
δ. H. lithocardium.

mactrae. 10. H. mactrae.
in Pedemontio (*prope* Augustam Taurinorum, *et reliqua superiore* Italia (e. gr. *prope* Veroniam,) Alsatia (*prope* Waldenheim, Thuringia, Anglia, *utplurimum marmoreus*.

Donacites. 11. H. donacis.
α. H. scorti.
in circulo Westphalico Germaniae (*prope* Ringerheid.)
β. H. iri.
in Wirtembergia (*prope* Boll,) Alsatia (*prope* Gundershofen,) *pago* Helvetiae Basileensi (*prope* Tamningen.)

veneris. 12. H. veneris.
α. puberis.
a. H. Diones.
in pago Helvetiae Basileensi (*prope* Aristorf *et* Tenneken,) Alsatia (*prope* Buchsweiler,) Wirtembergia (*prope* Rosenfeld *et* Pfullingen,) Franconia (*prope* Herbipolin,) Thuriogia (*prope* Jenam) *et* Temesia, *utplurimum marmoreus*, *saepe nucleus*.
b. H. Paphiae.
in Americae Continente, *in* Curacao, Melita, Alsatia (*prope* Gundershofen.)
c. H. Dyserae.
in Hungaria (*prope* Oedenburg.)
β. impuberis.
a. subcordatae.
α. laevissimae.
in Hercyniae (*prope* Osterwalde) *argilla*, *circuli* Westphalici (*prope* Dollendorf *et* Kebinghausen,) Thuringiae (*prope* Vinariam,) *et* Wirtembergiae (*prope* Blabigram, Boll *et* Bebenhusum) *marmore*.
b. subtiliter striatae.
in Pedemontio (*prope* Augustam Taurinorum,) Occitania (*prope* Monsson,) Alsatia (*prope* Stichhofen,) *marggraviatu* Badensi, Wirtembergia (*prope* Thalheim

heim *et* Boll) *et* Anglia (*praesertim prope* Stafford,) *utplurimum marmoreus, varius pyriticosus.*

c. transversim sulcatae.
in Wirtembergia (*prope* Boll *et in monte* Achalm.)

d. cancellatae.
in Wirtembergia (*prope* Pfullingen) *et pago* Helvetorum Basileensi.

e. imbricatae.
in Campania *gallica.*

b. rotundatae.

a. laevis.
in Islandia (*prope* Huaswig,) Anglia (*prope* Witney,) Gallia (*prope* Issy,) Pedemontio (*prope* Alice,) Carniolia (*prope* Idria,) Austria (*prope* Prugg *ad fluvium* Leutha *et* Mannersdorf,) Wirtembergia (*prope* Boll, Echterdingen, Bebenhausen, Heydenheim,) Suecia (*prope* Reutlingam *et* Halam,) Palatinatu rhenano, Franconia (*prope* Altdorf *et* Herbipolim,) Hassia (*in monte* Weissenstein *et prope* Gundersberg,) Saxonia *superiori* (e. gr. *prope* Geram *et* Querfurt,) Hildesia (*prope* Dickholzen *et in monte* Winterberg, *in circulo* Germaniae westphalico (*prope* Tongern *et* Aquisgranum,) *utplurimum marmoreus, interdum marga, ardesia, pyromachus, arenarius, pyrites, ferri minera, haud raro nucleus.*

b. subtiliter striatae.
in Anglia (*prope* Charlton,) Hercynia (*prope* Osterwalde,) Thuringia (*prope* Vinariam *et* Longosalissam,) Saxonia, Lusatia *inferiori* (*prope* Wehrau,) Bohemia (*prope* Pragam,) Moravia (*prope* Fellperg,) Hungaria (*prope* Turrik,) Austria (*prope* Waring,) Wirtembergia (*prope* Boll, Heydenheim, Bebenhusam, Pfullingen, Vaihingen,) Alsatia (*prope* Buchsweiler *et* Waldenheim) *et* Helvetia (*in monte* Randberg,) *utplurimum marmoreus, interdum suillus, pyrites aut ferri minera.*

c. *rugosae vel plicatae.*
prope Romam, *in* Helvetia, Wirtembergia (*prope* Boll, Echterdingen, Naehren,) Suevia (*in monte* Achalm, *prope* Reutlingen *et* Gmünd,) Palatinatu (*prope* Weinheim) *et* Hassia (*prope* Weissenstein) *marmoreus aut pyriticosus.*

δ. cancellatae.
in Occitania (*prope* Mouſſon,) *et* Wirtembergia (*prope* Thalheim.)

ſpondyli. 13. H. ſpondyli.
α. gaederopodis.
in America, Helvetia (e. gr. *in monte* Randberg,) Wirtembergia (*prope* Bebenhuſam, Pfullingen, Naehren, Grosbettlingen, Maehren *et* Echterdingen) *et* Flandria (*prope* Inſulas,) *non raro pyritoſus.*
β. regii.
in Auſtria *ſuperiori* (*prope ſalinas*) *marmoreus.*

Chamites. 14. H. chamae.
α. cordis.
in Italia (*prope* Bononiam,) Campania gallica, Auſtria (*prope* Prugg, Brunn *et* Ottokrin,) Bohemia (*prope* Duchomierziz,) *et* Hildeſia (*prope* Hohenbruche.)
β. gigantis.
in India, *et* (*ferri minera*) Wirtembergia (*prope* Heidenheim.)
γ. hippopedis.
in Italia (*prope* Veronam) *et* Sileſia (*prope* Naumburg *ad fluvium* Queis) *in arenario.*
δ. caliculatae.
ε. Lazari.
ζ. gryphoidis.
in Anglia (*prope* Weymouth,) Occitania (*prope* Mouſſon,) Bavaria (*prope* Ratisbonam) *et* Temeſia (*prope* Valcabanya.)
η. bicornis.
in Occitania (*prope* Monspelium) *et* Lotharingia (*prope* Verdun.)
ϑ. foliaceae.
in Campania gallica.

Arcae. 15. H. arcae.
hinc inde in Germania, e. gr. Saxonia (*prope* Dresdam,) Thuringia (*prope* Jenam,) *terris* Hannoveranis (*prope* Neuſtadt,) Haſſia, Helvetia e. gr. (*prope* Roche) *et* Italia (*prope* Bononiam.)
α. arcae Noae.
in Pedemontio (*prope* Auguſtam Taurinorum,) *et* Venetorum *terra* (*prope* Creazzo) *nucleus.*
β. foſſilis. *Schroet. n. Litterat.* 2. *f.* 3. 4.
γ. antiquetae.
in America *meridionali*, Temeſia (*prope* Valcabanya.)

δ. gra-

δ. granosae.
in Hungaria (*prope* Oedenburg) *et* Angliae *comitatu* Oxford.

ε. pectunculi.
prope Trajectum *ad* Mosam, *marmoreus.*

ζ. nummariae?
in Franconia (*prope* Herbipolin,) Suevia (*prope* Reutlingam,) Wirtembergia (*prope* Pfullingen, Thalheim, Nachren, Bebenhausen, Heidenheim,) *marmoreus aut ferri minera, interdum nucleus aut typolithus.*

ostreae. 16. H. ostreae.

Pectinites. α. radiatae.
in Anglia (*prope* Wittney *et* Gravesand,) Belgio (*prope* Trajectum *ad* Mosam,) Gallia (*prope* Buchsweiler *et* Aveniores,) Melita, Italia (*prope* Bononiam,) Helvetia (e. gr. *in monte* Randberg,) Wirtembergia (*in monte* Achalm *et* Hangberg (*prope* Tuttlingen, Pfullingen, Nebelloch, Bezingen, Machringen, Thalheim, Nachren, Echterdingen, Bebenhausen, Boll, Heidenheim,) *in marcgraviatu* Badensi *et reliqua* Suevia (*in valle* Kinzingensi, *prope* Hechingen, Biberach, Giengen *et* Halam,) *in* Franconia (*prope* Altdorf *et* Herbipolin,) Hassia, *electoratu* Trevirensi (*prope* Lissingen) Hildesia (*prope* Dickholzen *et in monte* Galberg,) Saxonia (e. gr. *prope* Dresdam *et* Sachsenburg,) Bavaria (*prope* Ratisbonam,) Austria (e. gr. *prope* salinas *et* Prugg *ad fluvium* Leutha,) Hungaria (*in comitatu* Marmoros,) Temesia, Silesia (*prope* Schweidniz) *cretaceus, marmoreus, fuillus, margaceus, pyromachus, arenarius, pyriticosus, ferruginosus, saepe nucleus, interdum typolithus.*

β. maximae.
in terris Venetorum (*montibus* Vicentinis,) Melita, Croatia (*prope* Samabor, Hungaria (*prope* Oedenburg *et salinas* Marmarosenses,) Gallicia (*prope* Weliczka,) Bohemia (*prope* Presniz,) Austria (*prope* Brunn,) *et* Suevia (*prope* Giengen,) *magnus, marmoreus, arenarius, aut ferri minera.*

γ. jacobaeae.
in Pedemontio (*prope* Arignano,) Germania (*prope* Camelingen *circuli* Bavarici, Passau, *et* Brunn Austriae,) Hungaria (*prope* Oedenburg *et* Lapos,) *et* Belgio (*prope* Malsbroek *et* Theodonis villam,) *marmoreus aut arenarius.*

c. ziczac.
in Belgio (*prope* Theodonis villam) *et* Alſatia (*prope* Gundershofen.
d. minutae.
in Auſtria (*prope* Brunn,) *et* Bohemia (*prope* Libochowiz,) *marmoreus aut margaceus.*
e. ſtriatae.
in Saxonia (*prope* Querfurt) *et* Thuringia (*prope* Vinariam,) *marmoreus.*
f. pleuronectis.
in Suevia (*prope* Reutlingen) *et* Thuringia (*ad montem* Ettersberg, *prope* Schoendorf *et* alte Burg.)
g. pallii.
in Bohemia (*prope* Odolca,) Saxonia (*prope* Quedlinburg,) Alſatia (*prope* Waldenheim) *et* Helvetia (*in monte* Randberg *et prope* Ariſtorf,) *utplurimum marmoreus.*
h. nodoſae.
in Alſatia (*prope* Buchsweiler.)
i. puſionis.
in Belgio (*prope* Malsbroek,) Marchin (*prope* Francofurtum) *et* Bohemia (*prope* Duchomierziz,) *marmoreus.*
k. glabrae.
in circulo Germaniae Saxonico ſuperiori (*prope* Quedlinburg) *et* Bavarico (*prope* Camelingen.)
l. faſciatae.
in Bohemia (*prope* Odolca.)
m. limae.
in Helvetiae *pago* Baſileenſi (*prope* Ariſtorf.)

Oſtracites. β. rudis.
frequens, ſolitarius vel aggregatus, vagus vel fixus, interdum nucleus aut typolithus, utplurimum marmoreus, in Italia *media* (*prope* Sienam *et in monte* Rozzi,) *et ſuperiori* (*in* Pedemontio *prope* Alice *et in valle* d'Andona, *in* Venetorum diſtrictu Vicentino *et* Veronenſi,) Helvetia (*prope* Huitlingen, *in monte* Randberg, *prope* Brittmingen, Aluttenz, Ariſtorf, *et ad ripas* Birlae,) Alſatia (*prope* Buchsweiler,) Wirtembergia (*in monte* Hangberg, *prope* Tuttlingen, Nebelloch, Pfullingen, Mehringen, Thalheim, Naehren, Bebenhauſen, Echterdingen, Grosbettlingen, Boll) *et reliqua* Suevia (*prope* Bibera *et* Giengen,) Franconia, Hercynia (*in* Oſterfeld *prope* Goslar,) Hildeſia (*in monte* Galberg *et* Zumerpaſs,) *terris* Hannoveranis (*ad montem* Rübenberg,) *circulo* Weſtphalico (*prope* Duisburg, Mühlheim, Dahlbenden *et* Weier,)

Belgio

Belgio (*prope* Trajectum *ad* Mosam,) Anglia (*prope* Oxford *et* Hedington,) Scania, Thuringia (*parte* Vinariensi *et prope* Quedlinburg,) Saxonia (*prope* Sachsenberg, Marolderodam *et* Dresdam,) Hungaria (*prope* Budam,) Marmoros *et montibus hoc regnum* a Transilvania *discernentibus, et* Temesia (*prope* Valiabanya.)

a. diluvianae.

Syst. nat. XII. 3. *p.* 165. *n.* 8. Helmintholithus (diluvianus) Ostreae diluvianae.

Davil. curios. I. *t.* 19. *f.* X. Ostrea indica Feuillé.

in Suecia (*praesertim* Scaniae *monte* Balsberg,) Germania, Alsatia, *marmoreus.*

b. folii.

in Suevia (*prope* Giengen) pyromachus, *in* Alsatia, *marmoreus.*

c. edulis.

in Hungaria (*prope* Oedenburg, Budam, Marmoros) *marmoreus.*

anomites. 17. H. anomiae.

Syst. nat. I. *p.* 1150. XII. 3. *p.* 163. *n.* 4. *Mus. Tessin.* 88. Helmintholithus anomiae deperditae.

interdum vagus, crebrius fixus, aggregatus, aliis quoque larvatis intermistus, utplurimum marmoreus, interdum cretaceus, pyritaceus, aut ferruginosus, frequenter nucleus, in Scania (*prope* Andrarum,) Anglia (*prope* Wittney *et* Graveland,) Belgio (*prope* Trajectum *ad* Mosam,) Germania, *et circulo quidem* Westphalico (e. gr. *prope* Bensbergen, Lirbach, Paffrath, Gerresheim, Solingen, Minden, Elberfeld, Call, Nothberg, Bloch,) *terris* Trevirensibus (*prope* Lissingen,) Saxonia *inferiori* (e. gr. *prope* Lubeccam, *in monte* Hildesiensi Galberg, Goettingensi Heimberg,) Thuringia (*prope* Jenam, Vinariam, Schlotheim, Marolderode *et* Sachsenburg,) Franconia (*prope* Bayreuth *et* Altdorf,) Bohemia (*prope* Carlstein *et* Tüchmeriz,) Bavaria (*prope* Waldenburg,) Austria *inferiori* (*prope* Viennam,) *et anteriori* (*prope* Eutingen *et* Rotenburg,) Suevia (*prope* Reutlingam *et* Halam,) Wirtembergia (*frequentissimus*,) Alsatia (*prope* Buchsweiler,) Helvetia (*in pago* Basileensi, *etiam in montibus* Lagerberg *et* Randberg,) Pedemontio, Venetorum *terra* (*montibus* Veronensibus Ronca *et* Scoglio della Limpia.)

α. craniolaris.

Syst. nat. I. *p.* 1150. *n.* 216. XII. 3. *p.* 164. *n.* 6. *Faun. suec.* 2150. *f.* 2150. Helmintholithus (craniolaris) anomiae craniolaris.

Act. Upsal. 2. *p.* 560. *t.* 52. *Stobaei numogr.* 1732. *f.* 1. 2. Nummus brattensburgensis.

in Suecia, *praesertim* Scaniae *monte* Balsberg, *et* Eifalia (*prope* Steinfeld.)

β. pectinatae.

Syst. nat. I. *n.* 217. XII. 3. *p.* 163. *n.* 4. α.

γ. gryphi.

Syst. nat. I. *p.* 1151. *n.* 226. XII. 3. *p.* 164. *n.* 7. Helmintholithus (Gryphites) Anomiae Gryphi.

Column. aq. 54. *t.* 52. *Bocc. obs.* 304. *f.* 1. Concha lapidea gibbosa.

Woltersd. miner. 42. Conchites oblongus rugosus, rostro valde adunco.

List. angl. 238. *t.* 4. *f.* 45. *Worm. mus.* 80. *f.* 1. Conchites anomius rugosus, rostro subtereti insigniter adunco.

Mus. Tessin. 92. *t.* 5. *f.* 9. *Scheuchz. diluv.* 743. *Annon. basil.* 1748. *p.* 3. *t.* 3. *f.* 5. *Vogel miner.* 225. *Rumpf mus. t.* 59. *f.* B. Gryphites.

saepius vagus et testa solitaria majore, quam utraque conjuncta, utplurimum marmoreus, interdum pyromachus aut pyriticosus, crebro nucleus, in terrae Venetorum *parte* Veronensi (*monte* Scoglio della Limpia,) Helvetia (e. gr. *in monte* Turicensium Legerberg *et prope* Basileam,) Gallia (*prope* Vesuntionem Burgundiae *superioris*, Mezieres Campaniae *et* Buchsweiler Alsatiae,) Wirtembergia (e. gr. *prope* Balingen, Duslingen, Tubingen, Bebenhausen,) Suevia (*prope* Ahlen,) *prope* Ratisbonam *et* Francofurtum *ad* Moenum,) *prope* Norimbergam *et passim in reliqua* Franconia, *in* Austria (*prope salinas et* Varing,) Bohemia (e. gr. *prope* Duchomierziz *et* Squorez,) Gallicia (*prope* Wieliczca,) Saxonia *superiori* (*prope* Dresdam, Altenburg, Koeniz, Gera, Eckartsberg,) Magdeburgo (*prope* Orsleben,) Hercynia (*prope* Blanckenburg, Goslar *et ad* Hüttensteig,) Hildesia (*prope* Altwalmoden,) Westphalico *circulo* (*prope* Osnabrügg, Bensberg, Kaenenberg *et* Soetenich,) *in* Belgio (*prope* Trajectum *ad* Mosam.

δ. pectinis.

Syst. nat. I. *n.* 227. XII. 3. *p.* 163. *n.* 4. β.

vagus

vagus aut fixus, solitarius aut aggregatus, valva alterutra vel utraque, interdum typolithus, crebro nucleus, creberrime calcareus, interdum pyritaceus, rarius ferruginosus aut pyromachus in Anglia (*prope* Wittney,) Belgio (*prope* Namuriam *et* Viset,) Germania, *et circulo quidem* westphalico (*prope* Kebirghausen, Ringensheide, Paffrath, Geroldstein, Heistert, Dollendorf, Corneli-Münster,) saxonico *inferiori* (*prope* Brunsvicum) *et superiori* (e. gr. *prope* Lipsiam,) franconico (*prope* Altdorf,) bavarico (*prope* Ratisbonam,) austriaco (*in monte* innerer Bleyberg Carinthiae, *prope* Prugg Austriae, *in* Tiroli,) suevico (*prope* Heydenheim, Nebelloch, Pfullingen, *in monte* Achalm, *prope* Bezingen, Nachren, Echterdingen, Boll, Ludwigsthal Wirtembergiae, *prope* Ahlen *et* Hohenzollern) *in* Helvetia (e. gr. *in monte* Randberg,) Italia, Borussia, Silesia (e. gr. *prope* Schweidniz, Malselt *et in montibus* giganteis.)

ε. striatulae.
Syst. nat. I. *n.* 228. XII. 3. *p.* 163. *n.* 4. γ.
marmoreus, rarius pyritaceus, in Anglia (*prope* Wittney,) Bohemia (*prope* Krannich,) Wirtembergia (*prope* Bliespach,) Alsatia (*prope* Buchsweiler,) *et* Helvetia (*in pago* Basileensi *et*, *prope* Huitlingen, Bernensi.

ζ. reticularis.
Syst. nat. I. *n.* 230. XII. 3. *p.* 163. *n.* 4. δ. *Mus. Tessin. t.* 5. *f.* 5.
marmoreus, rarius pyritaceus in Germania, *circulo* Westphalico (*prope* Paffrath, Geroldstein *et* Dollendorf, Wirtembergia (e. gr. *prope* Echterdingen,) Bohemia (*prope* Coforz,) Hungaria (*ad lacum* Baladon,) *et* Campania gallica (*prope* Courtagnon.)

η. plicatellae.
Syst. nat. I. *n.* 231. XII. 3. *p.* 163. *n.* 4. ε.
marmoreus in Eifalia (*prope* Blankenheim,) Suevia (*in alpibus quos vocant, in monte* Hangberg, *prope* Boll *et* Pfullendorf,) *in* Alsatia (*prope* Buchsweiler.)

ϑ. crispae.
Syst. nat. I. *n.* 232. XII. 3. *p.* 163. *n.* 4. ζ. *Mus. Tessin. t.* 5. *f.* 7.
calcarius, rarius pyritaceus in Wirtembergia (e. gr. *alpibus, etiam prope* Mehringen *et* Echterdingen.)

ι. lacunosae.
Syst. nat. I. *n.* 233. XII. 3. *p.* 163. *n.* 4. η. *Mus. Tessin. t.* 5. *f.* 6.

marmoreus, *rarius ferruginosus*, *in* Hercynia (*prope* Goslariam,) Wirtembergia (*prope* Blabyram, Heidenheim, Denkendorf, Echterdingen,) Alsatia (*prope* Buchsweiler) *et* Campania gallica (*prope* Courtegnon.)

κ. fractae.

Syst. nat. I. *n.* 235. XII. 3. *p.* 163. *n.* 4. *ϑ.*

marmoreus, *in* Sueciae Gothlandia, Campania gallica (*prope* Mezieres,) *et* Austria (*prope* Varing.)

λ. capitis serpentis.

marmoreus, *in* Eifalia *prope* Benndorf.

Terebratulites. μ. terebratulae.

creberrime nucleus, *frequentius fixus*, *quam vagus*, *calcareus*, *interdum siliceus aut ferruginosus*, *nonnunquam creta aut spato farctus in* Anglia (e. gr. *prope* Wittney *et* Gravesand,) Germaniae *circulo* Westphalico (*prope* Benndorf *et* Minden,) saxoniae (e. gr. *prope* Jenam,) franconico (*prope* Bayreuth *et* Altdorf,) bavarico (*prope* Ratisbonam,) austriaco (*prope* Varing, Eutingen *et* Rotenburg, suevico (*prope* Reutlingam, Giengam, Halam,) *et* Wirtembergia *praesertim in montibus*, *quos alpes vocant*, *porro* Hangberg *et* Heuberg, *prope* Heidenheim, Blabyram, Nebelloch, Tuttlingen, Balingen, Ofterdingen, Duslingen, Nachren, Bezingen, Imenhausen, Bebenhausen, Echterdingen,) Alsatia (*prope* Buchsweiler *et* Waldenheim,) *in* Helvetia (*prope* Muttenz, *in montibus* Randberg *et* Lagerberg,) *et in* Pedemontio (*prope* Arignano.)

ν. angulatae.

Syst. nat. I. *n.* 238. XII. 3. *p.* 163. *n.* 4. *i. Mus. Tessin. t.* 5. *f.* 4.

in Saxonia, Wirtembergia (*in alpibus*,) Helvetia (*in monte* Randberg,) *et* Campania gallica (*prope* Courtagnon.)

Hysterolithus. ξ. hysteritae.

Syst. nat. I. *p.* 1154. *n.* 239. XII. 3. *p.* 164. *n.* 5. Helmintholithus anomiae hysteritae.

Mus. Tessin. 90. *t.* 50. *f.* 2. *Worm. mus.* 83. *t.* 83. *Wolff. half.* 29. *t.* 3. *f.* 3. 4. 5. *Baum. miner.* 1. *t.* 28. Hysterolithus.

Woltersd. miner. 42. Cochlites rotundus altera parte vulvam prae se ferens.

Vogel mineralf. 226. Lapis hystericus et Anomia gleich Geburtsgliedern.

nucleus, *creberrime ferruginosus*, *interdum siliceus*, *praesertim arenarius in* Germania, e. gr. Hassia, *electoratu* Mogun-

Moguntino (*prope* Oberlahnſtein,) Trevirenſi (*prope* Ehrenbreitſtein *et* Marienburg,) *circulo* Weſtphalico (*prope* Lülſtorp, Bechen, Hoeckeswagen, Wipperfurth,) Hercynia (*in monte* Schulenberg,) *in* Sueciae Gothlandia.

ο. bilobae.
Syſt. nat. I. *n.* 240. XII. 3. *p.* 163. *n.* 4. *κ.*
in Anglia, *et marmoreus in* Wirtembergia (*prope* Naehren.)

π. ſpinoſae.
Syſt. nat. I. *n.* 242. XII. 3. *p.* 163. *n.* 4. *λ.*
in Wirtembergiae *monte* Achalm?

ρ. novemſtriatae.
Syſt. nat. XII. 3. *p.* 163. *n.* 4. *μ.*

σ. echinatae.
in Helvetiae *pago* Baſileenſi (*prope* Muttenz) *et* Wirtembergia (*prope* Naehren.)

τ. criſtatae.
in Suevia (*prope* Pfullendorf) *et* Wirtembergia *praeſertim* (*prope* Nebelloch, Bezingen, Maehringen, Echterdingen.)

Sandaliolithus. υ. ſandalii.
in Bohemia (*prope* Coſors?) *et* Eifalia (*prope* Kelldenig, Soetenich &c.) *rarius valva utraque conjuncta, utplurimum calcarius.*

Peridiolithus. φ. peridii.
in circulo Germaniae weſtphalico (*prope* Münſtereifel) *valva utraque conjuncta.*

Mytilites. 18. H. mytili.

α. criſtae galli.
utplurimum marmoreus et vagus, frequentius valva utraque, quam alterutra, ſaepe inſignis magnitudinis, in Melita, *montibus* Sevennis, *in* Occitanio (*prope* Boutenet,) Normandia (*prope* Dive,) Alſatia (*prope* Waldenheim,) Helvetia (e. gr. *prope* Ariſtorf *pagi* Baſileenſis,) Suevia (e. gr. *principatu* Fürſtenbergenſi,) Wirtembergia (*prope* Blabyrum, Thalheim, Echterdingen,) Bohemia (*prope* Odolce,) *et circulo* Germaniae weſtphalico (*prope* Duisburg.)

β. hyotidis.
marmoreus in Helvetia (*prope* Ariſtorf) *et* Alſatia (*prope* Waldenheim.)

γ. frondis.
in Suecia (*prope* Chriſtianſtadt,) Belgio (*prope* Trajectum *ad* Moſam,) Suevia (*prope* Giengen *et* Gmünd,) Alſatia

(*prope* Buchsweiler,) Normandia, Occitania (*prope* Monspelium) *et* Melita, *marmoreus*, *arenarius*, *aut silliceus*.

δ. margaritiferi.

a. valvae integrae.

in Helvetia (*prope* Aristorf.)

b. tendinis ad cardinem positi.

Syst. nat. XII. 3. *p.* 165. Helmintholithus (Androdamas) mytili margaritiferi cardinis viridis.

Mus. Tess. 24. *n.* 2. Penna pavonis viridi caerulescens. *opacus quidem, sed egregiam polituram admittens, et pro situ et flexione versus lucem vividissimis coloribus varians.*

ε. unguis.

in Hercynia (*prope* Goslariam) *in argilla.*

ζ. lithophagi.

in Wirtembergia (*prope* Thalheim.)

η. rugosi.

marmoreus in Austria (*prope* Varing.)

ϑ. edulis.

utplurimum fixus et calcarius, interdum arenarius aut ferruginosus in Pedemontio (*prope* Vico,) Wirtembergia (*prope* Boll *et* Tuttlingen,) *reliqua* Suevia (*prope* Halam,) Austria (*prope* Eutingen *et* Prugg *ad fluvium* Leutha, Bohemia (*prope* Tuchmeriz,) Franconia (*prope* Herbipolin,) Thuringia (e. gr. *prope* Vinariam,) *et* Saxonia (*prope* Querfurt.)

ι. angulati.

marmoreus in Saxonia (e. gr. *prope* Lipsiam) *et* Hassia.

κ. Modioli.

utplurimum fixus et marmoreus, in Wirtembergia *et* Thuringia (*prope* Longosalissam *et* Vinariam.)

λ. cygnei.

magnus in Wirtembergia (*prope* Thalheim.)

μ. anatini.

marmoreus in Wirtembergiae (*alpibus, quos vocant, praesertim prope* Thalheim.)

ν. rubri.

in Helvetiae (*prope* Heutlingen) *ardesia*, Saxoniae (*prope* Pirnam) *arenario*, *et* Hercynia (*prope* Blankenburg.)

Pinnites. 19. H. pinnae.

in Pedemontio, Helvetia (*prope* Aristorf,) Franconia, *et* (*prope* Pirnam *et* Dresdam) Saxonia.

c. uni-

c. univalvium.

Nautilites. 20. H. nautili.

α. ſpiralis.

a. anfractu exteriore reliquos multum ſuperante.

frequentiſſimus, *utplurimum marmoreus*, *interdum pyritaceus*, *rarius ſiliceus in* Africa? Italia (*in* Venetorum *terris* vicentina *et* veronenſi,) Gallia (*in monte* aureo, *et prope* Retel *et* Mezieres Campaniae, *in* Anglia (*in comitatibus* Northampton *et* Kent, *etiam prope* Richmond, *et in inſula* Sheppey, *in* Belgio (*prope* Viſet,) *in* Germaniae *circulo* weſtphalico (*prope* Paffrath *et* Bensberg,) Hildeſia (*in* Oſterfeld,) *terris* Brunsvicenſibus (*prope* Sheppenſtaedt *et* Neuſtadt *ad montem* Rübenberg,) Hereynia (*prope* Harzburg *et* Goslariam *in monte* S. Petri,) Thuringia (*prope* Longoſaliſſam, Arnſtadt, Sondershauſen, Eſperſtaedt, Vinariam, Marolderadam, Schlotheim,) Saxonia (*prope* Querfurt,) Franconia (*prope* Coburgum, Herbipolin, Norimbergam,) Suevia (*prope* Gmünd) *et potiſſimum* Wirtembergia, (*in alpibus*, *quos vocant*, *prope* Kirchoteccam, Boll, Bebenhuſam, Jetenburg, Bezingen, Naehren, Thalheim, Durlingen, Balingen) *principatibus* Hohenzollerano (*prope* Hechingen) *et* Fürſtenbergenſi, *marcgraviatu* Badenſi (*prope* Lütgeren,) Helvetia (*prope* Baſileam *et* Ariſtorf *ejusdem pagi*, *in montibus* Legerberg *et* Randberg, *prope* Deutſchbüren, Geisberg, Gysliſluh, Mandach *et* Veltheim Bernatium, *etiam prope* Genevam,) *in* Auſtria *ſuperiori* (*prope* ſalinas) *et inferiori* (*prope* Varing,) Hungaria (e. gr. *prope* Oedenburg,) Temeſia (*prope* Moldawa,) *et* Tranſilvania (*prope* Kalataszeg.)

Ammonites. b. ſpirae anfractibus introrſum ſenſim decreſcentibus.

Syſt. nat. XII. 3. *p.* 162. *n.* 1. Helmintholithus nautili teſta ſpirali, apertura cordata, anfractibus contiguis rugoſo-inaequalibus.

Vogel mineralſ. 220. *Wolff. halſ. t.* 7. *f.* 1-3. *et t.* 8. *f.* 6. Cornu ammonis lapideum.

Woltersd. miner. 40. Cochlites polythalamius, ſpira utrinque apparente, ſiphunculo ad marginem exteriorem.

Muſ. Teſſin. 86. *t.* 4. Helmintholithus teſtacei nautili.

Geſn. petrif. 47. *Geſn. fig.* 164. *f.* 4. Ammonites.

1. *Muſ. teſſin. f.* 11. ambitu acuto integro, diſco compreſſo, ſuturis flexuoſis.

2. *Muſ. Teſſin. f.* 10. ambitu carinato integro, diſco compreſſo, ſulcis bifidis.

3. *Muſ.*

3. *Muſ. Teſſin. f.* 9. *Worm. muſ.* 91. ambitu carinato ere-nato, diſci ſulcis elevatis remotis.

4. *Muſ. Teſſin. f.* 7. *Worm. muſ.* 86. ambitu obtuſo, diſco compreſſiuſculo ſtriato.

5. *Muſ. Teſſin. f.* 2. ambitu obtuſo, diſco depreſſo, ſulcis dorſi bifidis.

6. *Muſ Teſſin. f.* 8. ambitu depreſſo, diſci lateribus nodoſis.

7. *Muſ Teſſin. f.* 3. ambitu depreſſo, diſci ſtriis acutis

8. *Muſ. Teſſin f.* n. δ. ambitu ſubquadrato carinato, ſulcis acutis remotis.

9. *Muſ. Teſſin. f.* 1. ambitu rotundato nodoſo, ſulcis transverſis flexuoſis.

frequentiſſimus ubique, rarius nucleus aut typolithus, utplurimum marmoreus, interdum ſpillus, margaceus, argillaceus, petroſiliceus, achatinus, pyritaceus, aut ferruginoſus, nonnunquam cameris interioribus ſpato farctis, magnitudine, forma, ſuperficie, colore in infinitum varians.

c. helicitae.

marmoreus, vagus aut fixus, ſolitarius aut aggregatus in Lapponia, Gothlandia, Hiſpania, Gallia (*prope* Sueſſonem, Lutetias, Chaumont *et in monte* Caeſareo,) Italia (*prope* Brendola, Bononiam *et in monte* Veronenſi Ronca,) Hungaria (*prope* Penjescova,) Tranſilvania (*prope* Torda,) Auſtria *ſuperiori* (*prope* ſalinas, *prope* Prugg *et* Gmünd,) Stiria (*prope* Turrik,) Helvetia (*prope* Aubrig, Neoromum, *aquas* Fabarientes, *in pago* Baſileenſi, *monte* Pilati.)

β. elongati, rectiuſculi.

Lituites. a. litui.

fixus utplurimum marmoreus, haud raro typolithus in Sueciae Gothlandia *et* Oelandia, Normandia, Italia (*in monte* Veronenſi del Caſtello di S. Felice,) Bohemia (*prope* Coſors,) *et ducatu* Megalopolitano (*prope* Stargard *et* Neuſtreliz.)

Orthoceratites. b. orthocerae.

Syſt. nat. I. *p.* 1164. *n.* 289. XII. 3. *p.* 162. *n.* 2. Helmintholithus nautili orthocerae.

Muſ. Teſſin. 86. *Schreb. lithol.* 102. *n.* 13. Helmintholithus nautili recti.

Breyn polyth. 28. *Vogel mineralſ.* 216. Orthocerotes.

Scheuchz. diluv. 938. *helv.* 7. *f.* 8. Alveolus.

J. G. Gmelin act. petrop. 3. *p.* 246. Radius articulatus.

Wolters.

Woltersd. miner. 38. Tubulites polythalamius coniformis siphunculis et thalamis &c.

Klein tubul. 7. *t.* 2-8. Tubulus concameratus.

vagus aut fixus, solitarius aut gregarius rarius typolithus aut nucleus, utplurimum marmoreus, interdum spatosus, ardesia, arenarius, pyritaceus aut ferruginosus, in Sibiria, Suecia (*in* Oelandia, Gothlandia, Westrogothia, Ostrogothia, Dalecarlia, *in monte* Kinnekulle,) Anglia, Gallia (Normandia, *prope* Avenionem, Gundershofen *et* Buchsweiler, Alsatiae,) Suevia (*prope* Gmünd,) *et praesertim* Wirtembergia (*prope* Heydenheim, Boll, Gomaringen, Pfullingen, Naehren, Bebenhausen, Echterdingen,) Helvetia, Pedemontio (*prope* Arignano,) Transilvania (*prope* Kismunschol,) Bohemia (*prope* Slivenez, Cosorz, Brunik *et* Tettin,) Borussia (*prope* Gedanum,) Pomerania, Marchia (e. gr. *prope* Francofurtum,) *ducatu* Megapolitano (e. gr. *prope* Stargard *et* Neustrelitz,) Hercynia (e. gr. *prope* Blankenburg) *et circulo* Germaniae westphalico (*prope* Nothberg, Bensberg, Paffrath, Kebinghausen, Keldenich, Call, Dahlbenden, Dotleben *et* Aquisgranum.)

Belemnites. e. belemnitae.

Syst. nat. I. *p.* 1295. *n.* 7. XII. 3. *p.* 170. *n.* 22. Helmintholithus Alcyonii lyncurii.

Mus. Tessin. 88. *Gron. lap.* 71. Helmintholithus nautili conici.

Schreb. lith. p. 47. Petrificata vermium holothuriorum.

Woltersd. miner. 38. Tubulites polythalamius coniformis, cavitate coniformi baseos.

Klein gedan. 1731. 4. *t.* 7. 8. 9. Tubulus marinus.

Gesn. lap. 92. *Dal. pharm.* 50. *Rumpf. mus. t.* 50. *f.* 1-5. *Bauh. boll. f.* 32.

Breyn. polythal. 41. *f.* 1. 7. Belemnites prussicus.

Aldrov. mus. 618. *Worm. mus.* 7. *Gesn. petr.* 40. *Gesn. figur.* 91. Belemnites.

Erhart diss. Wien. 1727. 4. *f.* 2. Belemnites suevicus.

frequentissimus, vagus aut fixus, rarius solitarius, quam aggregatus, crebro merus nucleus, rarius typolithus non raro diaphanus, succineus, subfuscus, albidus, frequentius niger, utplurimum cinereus, rectus vel paulisper arcuatus, cylindricus, conicus, subclavatus vel fusiformis, compressiusculus, acuminatus vel obtusiusculus, sulco, interdum duobus vel tribus apicem versus exaratus, cavus intus vel farctus tenuis vel crassus in Creta (*monte* Ida,) Dalma-

Dalmatiae *montibus*, Hetruria, Italia *superiori*, *praesertim* Pedemontio (e. gr. *prope* Augustam Taurinorum,) Helvetia (e. gr. *in pago* Bernensi, *in monte* Randberg, *in pago* Basileensi *ad fluvium* Birsam, *prope* Muttenz, *et* Prattelen,) *in* Alsatia, Lotharingia, Galliae *provinciis* Lugdunensi, Forez, *et* Beaujolois, Hispania, Belgio (*prope* Sichem *et* Trajectum *ad* Mosam) Anglia (e. gr. *prope* Warwick,) Scotia, Daniae *insula* Moen, Sueciae *provinciis* Scania *et* Gothlandia, Borussia (*potissimum districtu* Angerburgensi,) Silesia, Bohemia (*prope* Mischek, Cosors *et* Tettin,) Transilvania (*prope* Kiesmunschel,) Austria *superiori* (*prope* salinas,) Bavaria, Suevia (*prope* Laufenburg *et* Gmünd,) *et praesertim* Wirtembergia (*in alpibus, quos vocant,*) *prope* Pfullingen, Thalheim, Naehren, Gemaringen, Mezingen, Bebenhausen, Echterdingen, Nüslingen, Boll, Tuttlingen,) Franconia (*prope* Altdorf *et* Norimbergam, *in principatibus* Baruthino *et* Coburgensi,) *in* Marchia Brandenburgica (*prope* Potsdam *et* Francofurtum,) Saxonia, Thuringia (*prope* Vinariam,) Hercynia (*prope* Goslariam,) Hildesia (*prope* Hallam, Osterwalde, Izamerpaso, *et* Marienburg,) *terris* Brunsvicensibus (e. gr. *in monte* Goettingensium Heimberg, *prope* Salzthal, Herrenhausen,) Holsatia (*prope* Lubeccam *et* Niemdorp,) *et circulo* Germaniae Westphalico (*prope* Paffrath, Dottelen, Bensberg, Erkrath, Olsbach, Call, Dahlbenden, Keldenig, Eigelshoven, Nothberg, Richterich *et* Aquisgranum,) *marmoreus*, *suillus*, *jaspideus*, *arenarius*, *pyritaceus*, *aut ferruginosus*.

coni. 21. H. coni.
rarior, *utplurimum nucleus marmoreus*, *in* Pedemontio, Helvetia (*prope* Neocomum,) *et* Transilvania (*prope* Kiesmunschel.)

Porcellanites. 22. H. cypreae.
marmoreus in Pedemontio (e. gr. *prope* Augustam Taurinorum,) Austria (*prope* Prugg *ad fluvium* Leutha) *et ducatu* Megalopolitano (*prope* Sternberg.)

Bullites. 23. H. bullae.
in ducatu Juliacensi *prope* Nothberg.

Cylindrites. 24. H. volutae.
utplurimum marmoreus in Helvetia (Turicensium *monte* Hexenberg,) Pedemontio (*prope* Augustam Taurinorum *et* Canale,) Venetorum *terris* (*prope* Veronam,) Austria (*prope*

(*prope* Varing,) Saxonia (*prope* Dresdam,) *circulo* Germaniae Westphalico (*prope* Gerresheim.)

buccini. 25. H. buccini.

α. ampullacei.

in circulo Germaniae westphalico (*prope* Rotenburg, Ludenburg, Galgenberg, Hartenberg *et* Gravenberg.)

β. cassidei.

marmoreus in Italiae *mediae monte* Cria.

γ. bezoardici.

saepius nucleus, utplurimum calcarius, rarius pyriticosus in Anglia (e. gr. *in collibus prope* Hampton,) Belgio (*prope* Trajectum *ad* Mosam,) Helvetia (e. gr. *prope* Basileam,) Pedemontio (e gr. *prope* Augustam Taurinorum,) Hetruria (*prope* Sienam,) Venetorum *terris* (*prope* Veronam *et* Brendolam,) Melita, Dalmatia (*in collibus* Morlachicis,) Hungaria (*prope* Budam *et* Schemniz,) Transilvania (*prope* Kismunschel,) Carniolia (*prope* Crapt,) Austria (*prope* Prugg *ad fluvium* Leutha *et* Mannersdorf,) Bavaria, Saxonia (*prope* Dresdam,) *Ducatu* Megalopolitano (*prope* Sternberg,) Hercynia (*prope* Goslariam,) Hildesia (*prope* Lambspring *et* Upnerpass,) *et in circulo* Germaniae Westphalico (*prope* Bensberg, Nothberg, Call, Richterich.)

δ. detriti.

in Pedemontio.

a. harpae.

b. marginati.

ε. turriti.

utplurimum nucleus marmoreus, rarius chalcedonyx, in Helvetia (*pago* Basileensi,) Wirtembergia (*prope* Boll, Pfullingen *et* Schwappelau,) Palatinatu rhenano (*prope* Weinheim,) Franconia (*prope* Herbipolin,) Saxonia (*prope* Querfurt,) Halberstadio (*prope* Regenstein,) Thuringia (*prope* Jenam,) Hassia, Hercynia (*in monte* Rostenberg *prope* Goslariam,) *terris reliquis* Brunsvicensibus (e. gr. *prope* Neustadt *ad montem* Rübenberg,) Germaniae *circulo* Westphalico (*prope* Bensberg *et* Aquisgranum,) Belgio (*prope* Spauven,) Suecia, Borussia (*praesertim districtu* Angerburgensi,) *et* Silesia.

strombi. 26. H. strombi.

α. digitati.

a. chiragrae.

marmoreus in Hungaria (*prope* Oedenburg.)

β. lobati.

Alatites. β. lobati.
marmoreus in Auſtria (*prope* Mannersdorf.)
a. lentiginoſi.
marmoreus in Hungaria (*prope* Oedenburg.)
b. ſiniſtri.
in Helvetia.
γ. ampliati.
a. Luciferi.
δ. turriti.
in Wirtembergia *prope thermas* Bollenſes.

muricis. 27. H. muricis.
α. ſpinoſi.
rariſſimus, marmoreus in Auſtria *ſuperiori prope ſalinas.*
a. triacanthi.
β. frondoſi.
in Temeſia.
a. ſaxatilis.
γ. turriti.
a. fuſcati.
marmoreus in Venetorum *terris prope* Brendolam.
b. granulati.
marmoreus aut arenario farctus in Italia (*prope* Bononiam *in monte* della guardia) *et* Auſtria (*prope* Viennam.)
c. hexagoni.

Trochilites. 28. H. trochi.
α. conici.
rarius fixus, quam vagus, utplurimum marmoreus, interdum arenarius, pyritaceus aut ferruginoſus in inſulis Feroë, Norwegia, Suecia, Dania, Anglia (e. gr. *prope* Bath,) Campania gallica (*prope* Remos,) Alſatia (*in valle* Jaegerthal,) Pedemontio (*prope* Auguſtam Taurinorum,) Helvetia (*prope* Bernam, Boettſtein, Litgeneu, Fanum D. Galli, *in monte* Randberg,) Wirtembergia (e. gr. *in montibus* Achalm *et* Hangberg, *prope* Pfullingen, Nachren, Boll,) *et reliqua* Suevia (*prope* Biberacum, Ulmam, Giengam,) Bavaria (*prope* Sulzburg,) Auſtria *ſuperiori* (*prope* ſalinas,) Franconia (*prope* Heſſpruck, Norimbergam, Cronach,) Saxonia *ſuperiori* (*prope* Dresdam,) *et inferiori* (*prope* Regenſtein, Scheppenſtedt, Hildeſiam, *in* Tilgenwiele *prope* Goslariam,) *in circulo* Germaniae weſtphalico (*prope* Gerresheim, Mühlheim *ad* Roram, Düſſeldorf, Nothberg, Bensberg *et* Richterich.)

a. zizy-

a. zizyphini.
in Wirtembergia (*prope* Pfullingam.)
β. convexi.
utplurimum marmoreus, rarius ſiliceus in Suevia (*prope* Giengam) *et* Italia (*in monte* Bononienſi della guardia.)
a. perſpectivi.
in Franconia (*prope* Vierzehenheiligen.)
γ. turriti.
a. taleſcopii.
marmoreus in Venetorum *terris* (*prope* Brendola.)

Turbinites. 29. H. turbinis.
α. ſolidi.
marmoreus, quartzoſus vel arenarius in Pedemontio (*prope* Auguſtam Taurinorum,) *circulo* germaniae weſtphalico (*prope* Call, Keldenig, Bensberg, Paffrath, Nothberg, Bürvenich, Mühlheim *ad* Roram, Poncet, Richterich *et* Aquisgranum,) *et* Temeſia.
a. littorei.
interdum ſpato farctus, aut arbuſcularum imaginibus pictus, in Helvetia (*in monte* Randberg,) Suevia (*prope* Biberach *et* Noerdlingen) *et* Auſtria (*prope* Viennam.)
b. cochli.
in Helvetia (*prope* Dieſenhofam.)
c. rugoſi.
in Belgio (*prope* fanum S. Didonis) *et* Franconia (*prope* Norimbergam.)
d. marmorati.
interdum pyriticoſus in Wirtembergia (*in monte* Achalm, *prope* Thalheim *et* Boll.)
e. ſarmatici.
f. argyroſtomi.
in Wirtembergia (*prope* Pfullingen.)
β. cancellati.
in chalcedonium converſus in Italia.
a. ſcalaris.
rariſſimus in Helvetiae (Turicenſium *monte* Hexenberg) *et* Hetruriae (*monte* Algino.)
b. ſtriatuli.
marmoreus in Hungaria *prope* Schemniz.
γ. turriti.
Utplurimum aggregatus et fixus, marmoreus, pyromachus, chalcedonius, arenarius, pyritaceus, interdum ſpato farctus in Anglia (e. gr. *prope* Hampton *et* Portland,) Bel-

gio (*prope* Valenciennes,) Gallia (*prope* Merignac Aquitaniae, Iſſy, Remoulin *et* Pontamouſſon Occitaniae, Severne *et* Buchsweiler Alſatiae,) Helvetia (e. gr. *in pago* Baſileenſi, *prope fanum* D. Galli, Solodurum Neocomum,) Pedemontio (*prope* Auguſtam Taurinorum *et in valle* d'Andona,) *in* Italia *media* (*prope* Sienam *et in monte* Bononienſi della guardia,) venetorum *terris* (*prope* Brendola, *et in monte* Veronenſi Ronca,) Tiroli (*prope* Predaz,) Auſtria (*prope* Prugg *ad fluvium* Leutha, Mannersdorf Ottocrin *et* Viennam,) Tranſilvania, Sileſia, Bohemia (*prope* Tüchmeriz,) Saxonia (e. gr. *prope* Querfurt,) Thuringia (e. gr. *prope* Wettersleben *et* Jenam,) Hercynia (*prope* Regenſtein *et* Goslariam,) Hildeſia (*in monte* Spizhutberg,) Hannoveranis *terris* (*prope* Neuſtadt *ad montem* Rübenberg,) *circulo* Germaniae weſtphalico (*prope* Gerresheim, *et* Aquisgranum,) *et* rhenano (*prope* Moguntium, Francofurtum, Alzey,) *in* Haſſia (e. gr. *prope* Leuten *et* Adolphseck,) *et* Wirtembergia (*in monte* Achalm, *prope* Ehningen, Birſen, Mehringen, Imehauſen *et* Boll.)

a. imbricati.
in Gallia (*prope* Merignac,) Tiroli (*ad fines* Italiae,) *et* Bohemia (*prope* Coſors,) *marmoreus aut ſuillus.*

b. replicati.
marmoreus in Gallia (*prope* Merignac.)

c. acutanguli.
in marga Siciliae (*prope* Palermo.)

d. exoleti.
marmoreus in Pedemontio (*prope* Auguſtam Taurinorum.)

e. terebrae.
marmoreus in Bavaria.

f. variegati.
marmoreus in Hercynia (*prope* Blankenburg.)

Helicis. 30. H. helicis.

α. complanatae.
vagus aut fixus, ſolitarius aut gregarius, aut miſtus, marmoreus, pyromachus, arenarius aut pyritaceus, in Anglia, Belgio (*prope* Louanium,) Alſatia (*prope* Gundershofen *et* Buchsweiler,) Helvetia, Pedemontio (*prope* Auguſtam Taurinorum,) Hungaria, Stiria (*prope* Tiefar,) Suevia (*prope* Giengam *et* Reutlingam,) *et praeſertim* Wirtembergia (*prope* Pfullingen, Echterdingen, Boll *et in monte* Hangberg,) *prope* Francofurtum *ad* Moenum, *in* Haſſia, Thuringia (*prope* Jenam,) *et* ducatu montano (*prope* Paffrath *et* Bensberg.)

β. ro-

β. rotundatae.
in Venetorum *terris* (*prope* Veronam,) Pedemontio (e. gr. *prope* Augustam Taurinorum,) Helvetia (*prope* Scaphusium,) *et* Germaniae *circulo* Westphalico (*prope* Soetenich, Keldenig, Richterich, Nothberg, Paffrath, Bensberg *et* Gerresheim.)

γ. ovato-acuminatae.
utplurimum marmoreus, interdum arenarius aut pyriticosus in Anglia, Gallia (*prope* Issy,) Helvetia (e. gr. *in monte* Randberg,) Wirtembergia (*prope* Naehren, Mehringen, Pfullingen, Echterdingen, Boll *et* Kirchoteccam,) *et reliqua* Suevia (*prope* Ulmam, Giengam *et* Nordlingam,) Austria *superiori* (*prope* salinas,) Bohemia (*prope* Worzech, Duchomierziz *et* S. Johann,) Saxonia *superiori* (*prope* Farenstedt,) *et inferiori* (*prope* Quedlinburg *et in Ducatu* Brunsvicensi,) *circulo* Germaniae Westphalico (*prope* Gerresheim) *et* rhenano (*prope* Francofurtum *et in* Hassia.)

a. Pomatiae.
in Carniolia (*prope* Crapt.)

Neritites. 31. H. neritae.
utplurimum marmoreus in Pedemontio (*prope* Augustam Taurinorum,) Helvetia (*in valle* Hemmerthal *et prope* Scaphusium,) Carinthia, Austria (*prope* Prugg *ad fluvium* Leutha *et* Varing,) *ducatu* Megalopolitano (*prope* Sternberg,) *et* Brunsvicensi, Germaniae *circulo* westphalico (*prope* Bleybur, Keldenig, Nothberg, Paffrath *et* Bensberg.)

a. perversi.

auricularis. 32. H. halictidis.
rarus utplurimum typolithus, in Temesia, *Ducatu* Montano (*prope* Düsseldorf) *et* Belgio (*prope* Trajectum *ad* Mosam.)

α. perversae.

β. plicatae.
prope Hildesiam.

Patellaria. 33. H. patellae.
frequentius typolithus, in Anglia, *Ducatu* Brunsvicensi, Helvetia (e. gr. *prope* Botning *et* Prattelen,) Italia *praesertim* Pedemontii *montibus, et* Temesia.

α. saccharinae.

β. *Syst. nat.* XII. 3. *p.* 163. *n.* 3. Helmintholithus (Conchedium) patellae? bilocularis.

Muſ. Teſſin. 90. *t.* 5. *f.* 8. Conchidium.
in Sueciae Oelandia, Gothlandia *frequens.*

Dentalites. 34. H. dentalii.
marmoreus, jaſpideus aut chalcedonius in Temeſia, Italia *media* (*prope* Sienam, *et in monte* Crea *et* Bononienſi della guardia,) Venetorum *terris* (*montibus* Veronenſibus,) Pedemontio, Helvetia (e. gr. *pago* Bernenſi,) Wirtembergia (*prope* Tubingam *et* Blabyam,) Franconia (*prope* Rotenburgum,) Bohemia (*prope* Pragam,) Sileſia, Marchia Brandenburgica (e. gr. *prope* Francofurtum, Poeſenek,) Saxonia (*prope* Querfurt,) Magdeburgo (*prope* Halam,) Thuringia, *prope* Lubeccam, *in ducatu* Juliaco (*prope* Bürvenich) *et in* Belgio (*in monte* S. Petri *prope* Trajectum *ad* Moſam.)

α. radulae.
β. interrupti.
γ. vitrei.
omnium in Pedemontio.
δ. ſexanguli.
in Italia *prope* Loretto.

Tubulites. 35. H. ſerpulae.
α. rectiuſculae.
in Temeſia, Suevia (*prope* Elwangam) *et* Belgio (*prope* Trajectum *ad* Moſam *et* Malsbroek.)
a. polythalamiae.
b. penis?

Vermiculites. β. flexuoſae vel contortae.
marmoreus aut arenarius, varius ferrugineus aliis crebre larvatis teſtaceorum inſidens, in Melita, Venetorum *terris* (*prope* Veronam,) Pedemontio (*prope* Annone,) Helvetia (e. gr. *in valle* Hemmerthal, *monte* Randberg, *pago et episcopatu* Baſileenſi *prope* Muttenz *et ad fluvium* Birſa,) Wirtembergia (*prope* Tuttlingen, Bahlingen, Ebhauſen, Nebelloch, Blabyrak,) *et reliqua* Suevia (*prope* Memmingam *et* Pappenheim,) Franconia (*prope* Solenhofen,) Hildeſia (*in monte* Galberg,) *ducatu* montano (*in monte* rubro,) *et* Belgio (*prope* Trajectum *ad* Moſam.)
a. ſpirilli.
in Wirtembergia (*alpibus, quos vocant*) *et* Anglia (*insula* Sheppey.)
b. filogranae.
rarus in Magdeburgo (*prope* Halam,) *niſi mere calcinatus.*

c. glo-

c. glomeratae.
in Silesia, Suevia (*prope* Memmingam,) *et* Helvetia.
d. lumbricalis.
in Venetorum *terris vicentinis* (*prope* Grancona.)
e. arenariae.
f. anguinae.
in Franconia (*prope* Norimbergam.)
g. melitensis.
in Melita.

teredinis. 36. H. teredinis.
in Pedemontii *collibus* (*prope* Annone) *et* Angliae *insula* Sheppey, *in ligno subterraneo.*

subellae. 37. H. subellae.
passim inter typolithos.

γ. zoophytorum.

Tubiporites. 38. H. tubiporae.
Syst. nat. I. *p.* 1270. XII. 3. *p.* 167. *n.* 13. Helmintholithus (Tubiporus) Tubiporae (deperditae.)
in Suecia. *potissimum* Gothlandia, Belgio (*prope* Trajectum *ad* Mosam,) Eifalia (*prope* Berndorf *et* Rohr,) Franconia (*in terra* Coburgensi,) *et* Silesia.
α. musicae.
tophaceus, *marmoreus*, *quartzosus*, *vel arenarius*, *in* Gothlandia, Anglia, Belgio (*prope* Trajectum *ad* Mosam) *et* Germaniae *circulo* westphalico (*prope* Dottelen, Berndorf, Nothberg, Wingersheid *et* Paffrath.)
β. catenulariae. S. N. 2.
in Gothlandia *marmoreus*, *in* Marchia Brandenburgica (*prope* Ruppin, Arendsen, Freyenwalde, Arneburg *et* Havelberg.)
γ. serpentis. S. N. 3.
δ. falcicularis. S. N. 4.
ε. stellatae.
ζ. struis.
in Borussia.

Madreporites. 39. H. madreporae.
Syst. nat. I. *p.* 1272. XII. 3. *p.* 167. *n.* 14. Helmintholithus (Madreporus) Madreporae (deperditae.)
in Gothlandia, Belgio (*prope* Trajectum *ad* Mosam,) Eifalia, Venetorum *terris* (vicentinis *prope* Brendola,) Pedemontii (*ubivis margaceis*) *et* Temesia.

α. verruccariae.
marmoreus in Venetorum *monte* Vicentino Berico.

β. turbinatae. S. N. 6.
marmoreus in Gothlandia, Anglia (*provincia* Derby,) Gallia (*prope* Avenionem,) Helvetia (e. gr. *in monte* Randberg, *et prope* Pfeffingen *pagi* Basileensis,) Istria (*prope* Tergestum,) Austria (*prope salinas*,) Suevia (*prope* Giengen,) *et* Wirtembergia *praesertim* (*prope* Blabyram,) *ducatu* montano (*prope* Bensberg) *et* Belgio (*prope* Trajectum *ad* Mosam.)

γ. Porpitae. *Syst. nat.* 7. *Mus. Tessin.* 96. *n.* 14.
utplurimum vagus, *marmoreus*, *jaspideus aut pyromachus*, *in* Helvetia (e. gr. *prope* Ormelingen *pagi* Basileensis,) Hungaria (*prope* Schemniz,) Austria *superiori* (*prope salinas*) Saxonia (*prope* Dresdam,) *ducatu* Megalopolitano (*prope* Gnoyen,) *terris* Brunsvicensibus (*prope* Scheppenstedt, Lüdersdorf, Hittfeld) *et* Germaniae *circulo* westphalico (*prope* Lohberg.)

δ. Fungitae.
in Gothlandia, Belgio (*prope* Trajectum *ad* Mosam,) *ducatu* montano (*prope* Paffrath,) Hercynia (*prope* Blankenburg, Lohdebleck *et* Goslar,) Austria *superiori* (*prope salinas*,) Tiroli, Suevia (*prope* Memmingam *et* Giengam) *et praesertim in* Wirtembergia (e. gr. *prope* Blabyram *et* Nebelloch,) *et* Helvetia (e. gr. *in monte* Randberg, *prope* Hobel Solodurii, *ad fluvium* Birsam, *prope* Pfeffingen *et* Nushof *pagi et episcopatus* Basileensis,) *utplurimum marmoreus*, *rarius ardesia*.

ε. pilei.
marmoreus, *rarius quartzosus*, *in* Gothlandia, Hercynia (*prope* Lohdebleck,) Bohemia (*prope* Dusichcowiz,) Wirtembergia (e. gr. *in* alpibus, *quos vocant*) *et* Helvetia (e. gr. *in monte* Randberg.)

ζ. agaricitae.
in Belgio (*prope* Trajectum *ad* Mosam.)

η. labyrinthicae.
calcarius in Gothlandia, Belgio (*prope* Trajectum *ad* Mosam,) *et* Austria *superiori* (*prope salinas*.)

ϑ. maeandritae.
utplurimum marmoreus in Occitania, Helvetia (*prope* Pfeffingen *pagi* Basileensis) *et* Italia (*prope* Weier.)

ι. Areolae.

κ. favosae.

marmo-

marmoreus, *in* Helvetia, Auſtria *ſuperiori* (*prope ſalinas*,) Wirtembergia (*in alpibus*, *quos vocant*, e. gr. *prope* Blabyram,) *et* Germaniae *circulo* weſtphalico (*prope* Call, Keldenig, Paffrath *et* Bensberg.)

λ. Ananas. *Syſt. nat.* 15.
marmoreus in Gothlandia *et* Gorizii *montibus.*

μ. polygamae.
marmoreus in Auſtria *ſuperiori* (*prope ſalinas.*)

ν. arenoſae.
marmoreus in Auſtria *ſuperiori* (*prope ſalinas.*)

ξ. folioſae.
in Belgio (*prope* Trajectum *ad* Moſam.)

ο. aſtroitae.
marmoreus, *rarius chalcedonius*, *arenarius aut ferruginoſus*, *in* Anglia (*prope* Hedington *et* Wittney,) Belgio (*in monte* S. Petri *prope* Trajectum *ad* Moſam,) *in* Eifalia (*prope* Soetenich *et* Keldenig,) *ducatu* montano (*prope* Paffrath,) Haſſia (e. gr. *prope* Villinghauſen,) Hercynia (*in monte* Schulenberg,) Saxonia, Auſtria *ſuperiori* (*prope ſalinas*,) Wirtembergia (*prope* Echterdingen, *et in alpibus*, *quos vocant*, e. gr. *prope* Blabyram *et* Nebelloch,) Helvetiam (e. gr. *prope* Pfeffingen *et ad fluvium* Birſa *pagi et epiſcopatus* Baſileenſis,) *et in* Sardinia.

π. calicularis.
in Eifaliae *monte* Danzberg *prope* Keldenig.

ρ. truncatae. S. N. 24.
marmoreus in Suevia (*prope* Giengam,) Auſtria *ſuperiori* (*prope ſalinas*,) *et* Gorizii *montibus.*

σ. ſtellaris. S. N. 25.
marmoreus in Eifalia (*prope* Herkelſtein.)

τ. organi. S. N. 26.

υ. muſicalis.
ſaliceus aut marmoreus in Campania gallica (*prope* Mezieres,) Belgio (*prope* Trajectum *ad* Moſam,) Bohemia (*prope* Coſorz) *et* Gorizii *montibus.*

φ. divergentis.
in Aegypto.

χ. ceſpitoſae.
marmoreus aut ſiliceus, *in* Helvetiae *pago* (*prope* Pfeffingen) *et epiſcopatu* Baſileenſi, Wirtembergia (*prope* Heidenheim.) Auſtria *ſuperiori* (*prope ſalinas*,) *et* Angliae *fodina* Derbyenſi (Plato *prope* Winſter.)

ψ. flexuoſae. S. N. 29.
in Angliae *fodina* Plato.

ω. fascicularis.
in insula Americae *obversa* Caracao.
αα. pectinatae.
in Silesia, *episcopatu* Basileensi, Burgundia *superiori* (*prope* Vesuntium.)
ββ. tubularis.
γγ. mammillaris.
in Belgio (*prope* Trajectum *ad* Mosam,) *et* Burgundia *superiori* (*prope* Vesuntium.)
δδ. patelloidis.
εε. globularis.
ζζ. fili.
in Helvetia (*prope* Basileam.)
ηη. vermicularis.
in Silesia, Helvetia.
ϑϑ. arachnoideae.
in Belgio (*prope* Trajectum *ad* Mosam,) Wirtembergia (*prope* Blabyram) *et* Austria *superiori* (*prope salinas*) *marmoreus.*
ι. undulatae.
κκ. monilis.
in Arabia (*prope* Djidda.)
λλ. poritae.
in Suecia, Silesia, *ducatu* montano (*prope* Paffrath,) Eifalia (*prope* Keldenig,) *et* Campania *gallica* (*prope* Mezieres.)
μμ. damicornis.
marmoreus in Carniolia (*prope* Cormons) *et* Austria *superiori* (*prope salinas.*)
νν. muricatae.
marmoreus in Gothlandia *et* Silesia.
ξξ. fastigiatae.
marmoreus in Silesia, *et* Austria *superiori* (*prope salinas.*)
οο. rameae.
siliceus aut marmoreus in Wirtembergia (*alpibus, quos vocant*) *et reliqua* Suevia (*prope* Giengam,) *in ducatus* montani *lapidicinis.*
ππ. oculatae.
in Gothlandia.
ρρ. cacti.
σσ. concatenatae.

Millepori-tes. 40. H. milleporae.
in Temesia, Italia, Helvetia (*in monte* Randberg.)

α. alci-

α. alcicornis.
marmoreus in Belgio (*prope* Trajectum *ad* Mosam,) Germaniae *circulo* westphalico (*prope* Herkelstein, Dollendorf, Berndorf, Paffrath, Bensberg, *et* Kebinghausen,) Suevia (*prope* Giengen,) *et* Gorizii *montibus*.
β. asperae.
in Germaniae *circulo* Westphalico (*prope* Birbach *et* Bensberg.)
γ. solidae.
in Sueciae Gothlandia, Wirtembergia (*prope* Heidenheim) *et* Carniolia (*prope* Cormons.)
δ. pumilae.
ε. reticulatae.
in ducatu montano (*prope* Kebinghausen.)
ζ. cellulosae.
η. spongitae.
Syst. nat. XII. 3. *p.* 167. Helmintholithus ramosus angulatus imbricatus porosus.
Mus. Tessin. 128. *n.* 3. *t.* 11. *f.* 2.* Corallinum ramosum ramis angulatis imbricatis passim coadunatis.
ϑ. coriaceae.
in Gothlandia, Eifalia (*prope* Heistert,) Hildesia, Silesia, Helvetia (e. gr. *pago* Basileensi.)
ι. polymorphae.
in Silesia *et* Helvetia.
κ. ignotae.
Syst. nat. XII. 3. *p.* 167. *n.* 15. Helmintholithus millepo-rae orbicularis punctatus.

Cellepori-tes. 41. H. celleporae.
α. spongitae.
β. pumicosae.
γ. verrucosae.
marmoreus aut arenarius in Gothlandia, *ducatu* montano (*prope* Bensberg) *et principatu* Halberstadiensi.

isidis. 42. H. isidis.
α. hippuridis.
articuli solitarii in Anglia, Helvetia (*prope* Scaphusium,) *et* Sicilia (*prope* Messanam.)
β. entrochae.
Syst. nat. I. *p.* 1288. *n.* 4. XII. 3. *p.* 168. *n.* 17. Helmintholithus (Entrochites) isidis entrochae.
Schreb. lithol. p. 51. Petrificata animalia articulorum compositorum.
Mus. Tessin. 96. *n.* 15. Helmintholithus reptilis.

Harenb. encrin. t. 1. *f.* 8-10. Afteria columnaris articulis crenatis.

Woltersd. miner. 37. Caput medusae articulis utrinque figura solari, radiis densioribus excurrentibus.

Volkm. silef. 1. *t.* 27. *f.* 9. 10. Entrochus.

articulis solitariis disjunctis aut pluribus adhuc in columnam coadunatis, utplurimum marmoreis, rarius siliceis aut arenariis in Sueciae Gothlandia, Anglia, (e. gr. *prope* Monegush *comitatus* Derbyensis,) Hispania, Gallia, *praesertim* Lotharingia, Belgio (*prope* Viset *et* Olhe,) Germaniae *circulo* westphalico (*prope* Dottelen, Keldenig, Call, Soetenich, Dahlbenden, Zinsheim, Bürvenich, Bleybur, Glehn, Heldenkopf, Schwerfel, Ruhr, Heistert, Dollendorf, Düsseldorf, Mühlheim, Flingeren, Gerresheim, Höckerswagen, Lindlar, Wipperfürth, Bensberg, Iversheim, Münster, Heiligenhoven, Reuschenberg, Schlenderhan, Froczheim, Almerode, Vlatten, Steinbach, Altkirchen, Cürten, Grimmlinghausen *et* Voltmessen,) *electoratu* Trevirensi (*prope* Lissingen,) Hassia (*prope* Spangenberg *et* Mundelshausen,) Hildesia (*in* Kuhle, *et in montibus* Rozberg *et* Osterberg,) *prope* Lubeccam, *in principatu* Goettingensi (*prope* Azenhausen *et in monte* Heimberg,) *in* Hercynia (*prope* Goslar *et* Blankenburg,) *in* Thuringia (e. gr. *in monte* Vinariensi Ettersberg *prope* Schrappelau, *inter* Tobau *et* Himmelsberg,) *in* Saxonia (e. gr. *prope* Halam, Querfurt, Sachsenburg,) Marchia Brandenburgica (*prope* Arneburg, Havelberg, Francofurtum, Borussia (*prope* Gedanum *et* Angerburg,) Silesia (e. gr. *prope* Massel,) Bohemia (*prope* Pragam *et* Cosors,) Franconia (e. gr. *in principatu* Coburgensi,) Austria *superiori* (*prope salinas*,) *et anteriori* (*prope* Eutingen,) Suevia (*prope* Halam,) *et* Wirtembergia *praecipue* (*prope* Nebelloch, Kirchoteccam, Echterdingam, Boll, Heidenheim,) Helvetia (*in montibus* Randberg *et* Legerberg *et ad fluvium* Birsam,) *et* Venetorum *terris* (*in montes* Scoglia della Limpia *prope* Reccaro.)

a. laevis.

α. margine vix inciso.

β. margine undulatim repando.

Syst. nat. XII. 3. *p.* 167. *n.* 16. Helmintholithus (saturatus) isidis geniculis repandis.

Wolff. hass. t. 4. *f.* 1. 6. *Gesn. fig.* 89. b.

b. verrucosus.

c. caculeatus.

d. pun-

d. punctatus.
e. transversim stratus.
f. articulis elevatis
g. dichotome ramosus.
γ. asteriae.
a. angulis obtusioribus.
Syst. nat. I. *p.* 1288. *n.* 5. XII. 3. *p.* 168. *n.* 18. Helmintholithus (Asteria columnaris) Isidis asteriae.
Woltersd. miner. 37. Caput medusae articulis utrinque stella pentaphyllea.
Scheuchz. helv. 10. *f.* 3. *Lang fig.* 67. *t.* 19. *f.* 2. Modiolus stellatus.
Rosin. stell. 35. *t.* 5. Asteria pentagona pentaphyllea.
Ritter calenb. f. 4. a. *f.* 4. c. *Annon. basil.* 2. *t.* 2. *f.* c. *Scheuchz. helv.* 6. *p.* 323. *f.* 152. *Gesn. fig.* 37. Asteria columna angulis acutis s. obtusis.
Volkm. silef. 1. *t.* 27. *f.* 22. *J. Bauh. bollens. t.* 31. Stella marina.
Wagn. judaic. 11. *f.* 26. Lapis judaicus pentagonus angulis obtusis.
b. angulis acutis.
Syst. nat. XII. 3. *p.* 169. *n.* 19. Helmintholithus (Stella columnaris) isidis stellularis.
Wagn. judaic. 11. *f.* 27. Lapis judaicus pentagonus angulis acutis.
c. orbiculares.
d. altero fine orbiculares, altero angulatae.
frequentissimus gregarius, cum priori (β), *utplurimum marmoreus vagus aut fixus, interdum siliceus aut pyritaceus, fixus, articulis solitariis, aut in columnam, rarius incurvam vel ramosam coadunatis, laeves aut verrucosae, raro tri- aut hexagonae, rarissime tetragonae in* Helvetia (*prope* Solodurium *et in monte* Randberg,) Wirtembergia (*in montibus* Hangberg *et* Achalm, *prope* Bezingen, Machringen, Nachren, Osterdingen, Omehausen, Bebenhausen, Echterdingen, Boll,) Austria *superiori* (*prope salinas praesertim ad* Kimpach,) Franconia (e. gr. *prope* Oberfüllbach *ditionis* Coburgensis,) Saxonia (*prope* Chemnitium,) Hercynia (*prope* Harzburg,) *ducatu* montano (*prope* Bensberg,) Italia (*prope* Iversheim,) Gallia (*prope* Deppam,) *et* Anglia.
δ? epitonium.
Syst. nat. XII. 3. *p.* 170. *n.* 24. Helmintholithus dissepimentis orbiculatis distantibus filo centrali connexis.

Ham-

Hamburg. Magaz. 9. *p.* 73. *et* 14. *p.* 94. *Vogel mineralſ.* 236. *Baum. miner.* 2. *p.* 205.

in Hercynia (*prope* Rübeland, Zorge, Hüttenrode, Blankenburgi,) Hildeſiae *diſtrictu* Steuerwald, Germaniae *circulo* weſtphalico (*prope* Dahlbenden, Vlatten, Keldenig,) *et in* Anglia (*prope* Briſtol *et in comitatu* Derbyenſi,) *intra marmor vel quartzum ferri calce largiter perfuſum, aut pyromachum.*

ε? caryophyllites.

Syſt. nat. XII. 3. *p.* 169. *n.* 22. Helmintholithus iſidis? turbinatus, limbo pentagono quinquedentato.

Muſ. Teſſin. 96. *t.* 4. *f.* 2. Carpolithus caryophyllitus.

Vogel mineralſ. 234. Caryophyllus lapideus.

vagus, variae magnitudinis, nonnunquam petiolatus, in Helvetia (e. gr. *in monte* Randberg) *et* Eifalia (*prope* Schwerfel.)

gorgoniae. 43. H. gorgoniae.

α. ramoſae.

marmoreus in principatu Neocomenſi.

a. nobilis.

in Helvetia *et ſuperiore* Italia (*prope* Veronam.)

β. reticulatae.

margaceus aut ſtillus, interdum typolithus, in Saxonia (*prope* Dresdam,) Bohemia (*prope* Coſors,) *et* Gallicia (*prope* Wieliczca.)

alcyonii. 44. H. alcyonii.

α. arborei.

in Anglia, Gallicia (*prope* Wieliczka *et* Bochnia) *et* Auſtria *ſuperiori* (*prope ſalinas.*)

β. exoſſis.

calcarius, totalis aut partialis in Belgio (*prope* Trajectum *ad* Moſam,) Germaniae *circulo* weſtphalico (*prope* Cornelimünſter,) *et* Helvetiae *pago* Baſileenſi (*prope* Pfeffingen.)

γ. epipetri.

marmoreus in Helvetia (*in monte* Randberg, *et prope* Pfeffingen *pagi* Baſileenſis.)

δ. digitati.

in Helvetiae *pago* Solodurano (*prope* Dornach) *et* Baſileenſi (*ad fluvium* Birſam *et prope* Pfeffingen,) *marmoreus.*

ε. asbeſtini.

ζ. lyn-

ζ. lyncurii.
in Helvetiae *monte* Randberg.
η. bursae?
in Helvetiae *pago* Basileensi (*prope* Pfeffingen.)
ϑ. cydonii.
in Helvetiae *pago* Basileensi (*prope* Pfeffingen.)
ι. ficus.
in Belgio (*prope* Trajectum *ad* Mosam.)
κ. gelatinosi?
in Germaniae *circulo* westphalico (*prope* Cornelimünster.)

spongiae. 45. H. spongiae?
α. crateriformis?
in ducatu montano (*prope* Paffrath.)
β. typhae?
in Franconia.

Escharites. 46. H. flustrae.
arenarius aut calcarius in Belgio (*prope* Trajectum *ad* Mosam,) Hassia (*prope* Bibra,) Franconia (*prope* Glucksbrunn) *et* Helvetia (*prope* Nushof *et in monte* Randberg.)
α. *utrinque porosae.*
a. foliaceae. } *in terra* Poesenek *et* Hassia (*prope* Bibra.)
b. truncatae. }
c. pilosae.
in Belgio (*in monte* S. Petri *prope* Trajectum *ad* Mosam,) Eifalia (*prope* Dollendorf) *et ducatu* montano (*in lapidicina*) *marmoreus.*
d. lutosae.
in Helvetiae *pago* Basileensi.
β. *alterutro tantum latere porosae.*
marmoreus in Gothlandia.

tubulariae. 47. H. tubulariae.
in Gothlandia, Halberstadio, *et* Helvetiae *pago* Basileensi (*prope* Muttenz,) *marmoreus aut arenarius.*
α. indivisae.

corallinae. 48. H. corallinae.
marmoreus typolithus in Bohemia (*prope* Kosors) *et* Venetorum *terris* Vicentinis (*prope* Brendola.)
α. corniculatae.
β. barbatae.

fertulariae. 49. H. fertulariae.
typolithus e. gr. *in montibus* Galliae Sevennis, *et* Belgio (*prope* Trajectum *ad* Mosam.)

50. H.

pennatulae. 50. H. pennatulae.

α. phosphoreae.

typolithus in Belgio (*prope* Trajectum *ad* Mosam,) *principatu* Waldeccensi, *et* Veronensium *monte* Baldo.

β. encrini.

a. expansi.

Syst. nat. XII. 3. *p.* 169. *n.* 20. Helmintholithus (portentosus) isidis filiformis ramosae apicibus fasciculatis.

Gesn. petrif. 32. *n.* 5. Zoophytolithus stellae compositae radiis secundariis ex eodem trunco numerosis.

Hiemer cap. medus. Stuttg. 1724. 4. *t.* 1. *Act. Lips.* 1725. *p.* 376. c. *fig.* Caput medusae.

pyriticosus aut suillus, rarius pyromachus, interdum typolithus margaceus in Wirtembergia (*prope* Boll,) *comitatu* Pappenheimensi, Bohemia (*prope* Wischerad *et* Cotors,) Saxonia *inferiori* (*prope* Goslariam *et* Guelpherbytum,) *et ducatu* Juliacensi (*prope* Schaumburg *et* Zweybruggen.)

b? contracti.

Syst. nat. XII. 3. *p.* 169. *n.* 21. Helmintholithus (Encrinus) isidis fasciculo conferto.

Gronov. suppl. 18. *n.* 10. Helmintholithus medusae ramosissimus, ramis parallelis angulatis, articulis multifidis.

Davil. curios. 3. *t.* 1. Encrinites.

Harenb. encrin. 1229. *t.* 1. *f.* 1. 3. 4. 7. *Ritter gosl. t.* 1. *f.* 1. Encrinus s. Lilium lapideum.

Gesn. petrif. 31. *n.* 4. Zoophytolithus stellae compositae radiis secundariis decem.

Woltersd. miner. 37. Encrinus.

Scheuchz. lith. 1. *f.* 4. Asteria columnaris entrocho similis arcuata.

marmoreus, totalis aut partialis in Lotharingia *et superiori* Burgundia, Helvetia (e. gr. *prope* Schinznach, *et ad fluvium* Birsa *pagi* Basileensis,) Saxonia (*prope* Querfurt,) Thuringia (*prope* Longosalissam *et* Vinariam,) Saxonia *inferiori* (*prope* Goslariam, Asse, *districtu* Calenbergico, Gandersheim, Lucklum *et* Erkerode, Hildesiae *monte* Osterberg,) *et in circulo* westphalico (*prope* Swerfel.)

102. PHYTOLITHUS. Plantam ejusve partem referens.

totalis. 1. Ph. plantae. *Syst. nat.* 202. *n.* 1.
Waller. miner. 334. Petrificata vegetabilia plantarum.
Carth. miner. 97. Typolithus vegetabilis.
Scheuchzer J. J. Herbarium diluvianum. Tigur. 1709. *et Lugdb.* 1723. *fol.*
Schulze C. F. Kraeuterabdrücke im Steinreiche. Dresden 1755. 4.
Gron. suppl. 17. *n.* 1. *sqq.*
Typolithus in marga schistosa praesertim bituminosa suilloque schistoso lithanthracis strata obtegentibus frequentior, in argilla quoque et arenaria obvius, e. gr. *in* Angliae *provinciis* Derby *et* Glocester, *in* Galliae Lugdunensi (*prope* Chaumont) *et* Forez (*prope* Micareine.) *in montibus quoque* Cevennis (*potissimum prope* Talerisulo) *et* Lotharingia (*prope* Lach,) *in ducatu* Bipontino (*prope* Oberhausen,) Magdeburgico (*prope* Wettin,) Thuringia (*prope* Islebam) *et* Saxoniae *fodinis carbonariis* (e. gr. *prope* Dresdam *et* Zwickaviam,) Franconia (*prope* Ilmenau,) Silesia (e. gr. *prope* Mannsbach,) Austria *superiori* (*prope* Schlimbach,) *episcopatu* Constantiensi (*prope* Oeningen,) Helvetia (e. gr. *in pago* Abbatiscellano, Glaronensi, *in monte* Legerberg, *prope* Agis *et* Castelen *pagi* Bernensis,) *in* Venetorum *monte* Baldo.

α. hippuridis.
in Silesiae (*prope* Mannebach,) Magdeburgi (*prope* Halam) *circuli* Germaniae westphalici (*prope* Würselon) *fodinis carbonariis.*

β. charae.

γ. salviae.

δ. iridis.
in Occitania (*prope* Alais.)

ε. graminum.
in suillo argilluque schistosis, lithanthracum stratis superiuductis, interdum in topho, rarius in pyromacho in Helvetia, Bohemia (*prope* Joachimsthal,) Silesia (*prope* Scarschin,) Thuringia (*prope* Longosalissam,) *et* Germaniae *circulo* westphalico (*prope* Mühlheim *ad* Ruram.)

a. alopecuri.

b. tritici repentis.

ζ. stella-

ζ. ſtellatarum e. gr. gulii, aſperulae.
in fodinis carbonariis e. gr. Angliae, Occitaniae (*prope* Alais) *aliisque* Galliae (v. gr. S. Imbert *comitatus* Lar,) Weſtphaliae (*prope* Eigelshoven *et* Eſchweiler,) Saxoniae, Sileſiae (*prope* Laeſſig.)

η. buxi.
in ſuillo ſchiſtoſo et ardeſia bituminoſa circuli Germaniae weſtphalici e. gr. Kettwig, Eſchweiler, Mühlheim *ad* Koram, Richterich, Morsbach *et* Scherberg.

ϑ. myoſotidis ſcorpioidis.

ι. pulmonariae.
in Galliae *fodinis* carbonariis (*prope* S. Imbert.)

κ. athamantae.
in Germaniae *circulo* weſtphalico (*prope* Eſchweiler *et* Morsbach) *et* Sileſia.

λ. laſerpitii.
in Angliae *provincia* Shrop (*prope* Colebroekdale.)

μ. chaerophylli.
in Sileſia, *et* Germaniae *circulo* weſtphalico.

ν. foeniculi.
in Auſtria *ſuperiori* (*prope* Schlimbach,) *et* Germaniae *circulo* weſtphalico (*prope* Adamsmühl.)

ξ. herniariae.

ο. ericae.
in Gallia (*prope* Firmini, Chambon, *et* St. Genet-Lerpt.

π. myriophylli.
in Anglia *et* Sileſia (*prope* Mannebach.)

ρ. euphorbiae.
in Sileſiae *et circuli* Germaniae Weſtphalici *argilla.*

σ. cacti.
in Angliae, *montium* Cevennenſium, *circuli* Germaniae weſtphalici (*prope* Würſelen, Eſchweiler *et* Badenberg) *et* Sileſiae (*prope* Liebersdorf *et* Rudolphsdorf) *fodinis carbonariis.*

τ. ceratophylli.
in Anglia, Thuringia (*prope* Islebiam) *et* Sileſia (*prope* Mannebach.)

υ. nigellae.
in Sileſia.

φ. anemones, *praeſertim* ſilveſtris *et* hepaticae.
in Galliae *fodinis carbonariis* (*prope* S. Imbert.)

χ. geranii.
in Occitania (*prope* Alais.)

ψ. pinus.

ψ. pinus.
in Helvetia *et* Germaniae *circulo* weſtphalico (*prope* Eſſenium *et* Mühlheim *ad* Rorum.)
ω. zoſterae.
in Temeſiae *marga*, *in* Gallia (*prope* Firmini, Chambon *et* St. Genet-Lerpt.)
αα. fumariae.
in Germaniae *circuli* weſtphalici (*prope* Eſchweiler) *argilla ſchiſtoſa.*
ββ. viciae.
in Germaniae *circuli* weſtphalici *fodinis carbonariis* (*prope* Eſchweiler *et* Morsbach.)
γγ. ornithopodii.
in Venetorum *montibus* Veronenſibus.
δδ. galegae.
in Venetorum *montibus* Veronenſibus.
εε. ſyngeneſiarum, e. gr. inulae, aſteris, Chryſanthemi, centaureae, *praeſertim* cyani.
in Sileſia (*prope* Laeſſig,) Hercynia (*prope* Ilefeld,) *et* Occitania (*prope* Alais.)
ζζ. equiſeti.
in Germaniae *circulo* weſtphalico (*prope* Badenberg,) Saxonico *inferiori* (*prope* Koenigslutter, Halam *et* Wettin,) *et ſuperiori* (*prope* Sangerhauſen *et* Dresdam,) *et* franconico (*prope* Ilmenau) *in* Sileſia (*prope* Maunebach) *et* Anglia.
ηη. filicum.
Syſt. nat. I. *p.* 202. *n.* 2. XII. 3. *p.* 171. *n.* 2. Phytolithus filicis.
Juſſieu act. Pariſ. 1718. Herbae capillares petrificatae.
Volkm. ſileſ. 1. *t.* 1. *f.* 23. *t.* 12. *f.* 1-5. *et t.* 13. *f.* 1-16. *Mylii ſaxon.* 1. *p.* 19. *f.* 1. 2. 6. 10. 11. *et t.* 26. *f.* 2-8. Filix petrefacta.
in marga ſchiſtoſa et bituminoſa, ſuilloque ſchiſtoſo lithanthracum ſtrata obtegentibus, interdum in argilla, ardeſia, aut arenario in Anglia (*praeſertim provinciis* Northumbria, Cumberlandia, Wallia *ſeptentrionali et* Glocestria,) Gallia (e. gr. *prope* Firmini, Chambon *et* S. Ginet-Lerpt, *montibus* Cevennis, Occitania *prope* Alais, *provincia* Forez *ad fluvium* Furens, *et* Lugdunenſi *prope* S. Chaumont,) Helvetia, Italia (*prope* Bononiam *et in montibus* Veronenſibus,) *in* Sileſia (e. gr. *prope* Conradswalde, Altwaſſer *et* Mannebach, Bohemia (*in montibus* giganteis, *prope* Coſors *et* Joachimsthal,) Saxonia (e. gr. *prope* Peſterwiz,

ſterwiz, Zaukerode, Dresdam,) Thuringia (*prope* Bottendorf,) Magdeburgo (*prope* Wettin,) Hercynia (*prope* Ilefeld, Germaniae *circulo* Weſtphalico (*prope* Eſſen, Badenberg, Richterich, Morsbach *et* Eſchweiler,) *et* Naſſovia (*prope* Saripontum.)

a. osmundarum.
in circuli weſtphalici *fodinis carbonariis* (*prope* Rothberg, Durwis, Wallemſtein, Badenberg, Eſſen *et* Morsbach.)

a. regiae.
in Gallia *et* Saxonia (*prope* Zwickau.)

b. ſtruthiopteridis.
in Magdeburgo (*prope* Wettin) *et* Sileſia (*prope* Mannebach.)

c. ſpicanthi.
in montibus Cevennis.

d. criſpae.
in Germaniae *circulo* weſtphalico (*prope* Willemſtein.)

b. acroſtichi.

a. ſeptentrionalis.
in Sileſia.

b. thelypteridis.
prope Altwaſſer *in* Sileſia.

c. pteridis.

a. aquilinae.
in montibus Cevennis, Bohemia (*prope* Commotau,) *et* Sileſia (*prope* Mannebach.)

d. aſplenii.

a. linguae cervinae.
in Galliae *rivo* Furens.

b. cetarach.
in Galliae *rivo* Furens, *argillae micaceae impreſſus.*

c. trichomanoidis.
in Germaniae *circulo* weſtphalico (*prope* Bademberg,) *in* Bohemia (*prope* Commotau,) *et* Venetorum *montibus* Veronenſibus.

d. rutae murariae.
in Germaniae *circulo* weſtphalico (*inter* Borbeck *et* Eſſen.)

e. adianti nigri.
in Germaniae *circulo* weſtphalico (*inter* Borbeck *et* Eſſen) *et in* Galliae *rivo* Furens.

e. polypodii.

a. vulgaris.
in Sileſia (*prope* Mannebach) *et in* Venetorum *montibus* Veronenſibus.

b. cri-

b. cristati.
in Germaniae *circulo* westphalico (*prope* Badenberg.)
c. filicis maris.
in Germaniae *circulo* westphalico (*prope* Muhlheim *ad* Koram,) *in* Thuringia (*prope* Rotenburg *ad* Salam) *et* Silesia (*prope* Mannebach.)
d. rhaetici.
in Silesia (*prope* Altwasser.)
e. dryopteridis.
in Germaniae *circuli* westphalici *fodinis carbonariis* (*prope* Badenberg *et* Rothberg.)
f. adianti.
in Hercynia (*prope* Ilefeld,) Germaniae *circulo* westphalico (*inter* Borbeck *et* Essen,) *et* Galliae *rivo* Furens.
gg. muscorum.
in Venetorum *montibus* Veronensibus (*in marga* schistosa,) *et* Saxonia (*prope* Zwickau *in argilla figulina.*)
a. lycopodii clavati.
in Silesia (*prope* Altwasser.)
u. algarum.
in Pappenhemii *marmore fissili.*
a. fuci vesiculosi.
in Temesiae *marga.*

Rhizolithus. 2. Ph. radicis. *Syst. nat.* I. *p.* 202. *n.* 3.
Waller. miner. 335. Petrificatum radicis arborum et plantarum.
rarior, nisi radices subterraneas in pulverem seu humum dilapsuras, aut excavatas, et fossili quodam farctas, aut cortice lapideo obductas pro radice in fossile conversa habens, occurrit tamen marmoreus in Galliae Campania, Italia (e. gr. *in ruderibus* Pompejae, *et ad lucum* dei Tartari,) Hungaria (*prope* Badam *et* Lifschca,) *in* Wacca, *in* Bohemia (*prope* Joachimsthal,) *porcellaneus in* Japonia, achatinus *in* Franconiae *principatibus* Coburgensi *et* Baruthino,) *ferri vitriolo impraegnatus in* Sibiria (*prope* Koltschedanskaja *ad fluvium* Ilet) *et* Suecia (*in palude monti argenteo occidentali vicina,*) *et ferri calce perfusus in* Fennonia (*in lacu* Langelmo) *et* Bohemia (*prope* Orbrissan.)

trunci. 3. Ph. trunci. *Syst. nat.* I. *p.* 202. *n.* 4. *Schreb. lithol.* 116. *Carth. miner.* 93.
a. herbarum.
typolithus argillosus in Saxonia (*prope* Dresdam) *et ducatu* Brunsvicensi (*inter* Salzthal *et* Azum.)

β. graminum.

utplurimum typolithus in Hungariae (*prope* Lehotea) *pyromacho*, Silesiae (*prope* Mannebach,) Germaniae *circuli* westphalici (e. gr. *prope* Willemstein,) Lotharingiae (*prope* Lach,) *et montium* Cevennensium *marga bituminosa et suillo schistoso.*

Lithoxylon. γ. arborum.

nunc trunci integri una cum ramis, ut interdum e. gr. *in* Belgio, Daniae Seelandia, *ducatu* Westphaliae *silvas subterraneas referat, nunc partis; nunc crudi et sani, nunc cariosi, aut per teredines exesi, in carbones conversi, clavis perfossi, aut asciae aliorumque instrumentorum ope in varias formas redacti, cortice denudati aut adhuc induti, nonnunquam ita, ut ligni species adhuc dignosci queat, querni, fugini, pinei, abiegni, saligni.*

a. *marmoreus intus saepe spato farctus.*

in Irlandia, Volhynia, Marchia Brandenburgica (*prope* Arendsee,) Bohemia (*prope* Joachimsthal,) Franconia (*prope monasterium* Banz *et* Ilmenau,) Saxonia *inferiori* (*prope* Goslariam *et in monte* Hildesiensi Creuzberg,) Wirtembergia (*prope* Boll, Dolfingen, Duslingen, Nachren, Ofterdingen,) Helvetia (*ad fluvium* Birla *pagi* Basileensis,) Hungaria *inferiori* (*prope* Schemniz.)

b. suillus.

in Wirtembergia (*prope* Boll.)

c. gypsosus.

in Bohemia *et* Pedemontio (*prope* la Morra *et* Alice.)

d. argillosus.

in Hungaria *inferiori* (*prope* Creuz.)

e. siliceus.

in Sina, *insula* Martinica, Irrlandia (*in lacu* Loughneagh,) Anglia, Lotharingia, Helvetia (*in fluvio* Birsa *pagi* Basileensis,) Italia (e. gr. *prope* Rivalta, *et in* Pedemontio *prope* Strevi, Ferrere, Alice *et* la Morra,) Temesia, Transilvania (*prope* Deva, Walye *et* Cronstadt,) Hungaria (*prope* Creuz, Cremniz, Boldagko,) Silesia (*prope* Landshut,) Marchia Brandenburgica (*prope* Schmüllen,) Bohemia (e. gr. *in montibus* giganteis, *prope* Neu-Packov, Falkenau, Altsattel, Cosors, Wilkischen, *thermas* Toeplizenses *et* Carolinas,) Saxonia (e. gr. *in monte* Keulenberg, *prope* Dresdam, *et* Hilbersdorf, *in comitatu* Lohenstein,) Thuringia (*inter* Tolau *et* Himmelsberg,) Franconia (*in principatibus* Coburgensi *prope* Schlettach, Waldsachsen, Lüzelbuch, Bambergensi *prope* Ferchheim, Herbipoli-

bipolitano, Baruthino *prope* Adelsdorf *et* Erlangam *etiam prope* Norimbergam,) *in* Carinthia, Carnioliae *et* Stiriae *alpibus*, *in* Austria *inferiori* (*prope* Brünn.)

a. achatinus.

Hoffmann bergm. Journ. 1788. 1. *p.* 289. *Karsten Lesk. Mineralkab.* 1. *p.* 136. Holzstein.

in Sibiria (*prope* Kolywan,) Hungaria (*prope* Tokai,) Saxonia (*prope* Chemniz,) Thuringia (*prope* Osmannstadt,) *rarius vagus*, *subopacus in fragmenta indeterminata vel festucas rudes dissiliens*, *parum nitens*, *politura tamen eximium nitorem adipiscens*, *intus fibrosus*, *texturae tamen conchaceae*, *utplurimum variegatus*, *maculosus aut striatus*, *frequentissime nigricans aut infumatus*, *interdum ruber*, *rarius ochraceus*, *aut viridis*.

b. opalinus.

Karsten Lesk. Mineralkab. 1. *p.* 170. Holzopal.

Habitat in Hungariae *superioris comitatu* Liptoviensi, *subdurus*, *opacus vel subopacus*, *in fragmenta indeterminata vel festucas longas dissiliens*, *in crustas secedens*, *utplurimum parum nitens*, *longitudinaliter fractus fibras*, *transverse superficies convexas offerens*, *utplurimum variegatus*, *coloribus albo*, *cinerascente*, *fusco*, *ochraceo et hyacinthino per striias alternantibus*.

c. arenarius.

in Silesia (*prope* Altwasser,) Bohemia (*prope* Altsattel,) Thuringia (*prope* Küffhausen,) Magdeburgo (*prope* Halam,) *prope* Aquisgranum, *in* Suevia (*prope* Halam,) *et praesertim* Wirtembergia (*prope* Stuttgardiam.)

f. aluminosus.

stratis interdum amplis, *in* Anglia, Jemtia (*in* paroecia Näs,) Westrogothia, Sueciae (*prope* Billingen,) Scania (*prope* Andrarum,) *principatu* Goettingensi (*prope* Mundam,) Hassia (*prope* Almerodam *et in monte* Weisener,) Saxonia (*prope* Düben,) Bohemia (*prope* Commotau *et* Altsattel,) Austria (*prope* Hainfeld) *et* Pedemontio (*prope* la Morra.)

g. vitriolo ferri perfusus.

in Borussia (*stratis succino superincumbentibus*,) Stiria (*prope* Leoben) *et* Wirtembergia (*prope* Boll.)

h. vitriolum cupri protrudens.

in Hungaria *inferiori prope* Herrengrund.

i. bituminosus.

integras hinc inde silvas subterraneas constituens, *in imperio* russico (*potissimum ad fluvium* Iset,) Scania Sueciae (*pro-*

pe Boſerup *et* Andrarum,) Dania (*potiſſimum* Skelandia,) Islandia, Anglia (*potiſſimum provincia* Lincola,) Irrlandia, Hiſpania (*potiſſimum* Aſturia *et* Andaluſia,) Gallia (*potiſſimum* Normandia *et* Burgundia *ſuperiori prope* S. Agnes,) Belgio (e. gr. Hollandia *et* Flandria) Germaniae *circulo* weſtphalico (*prope* Cuſter, Caar, *et in ericeto* Vena,) Naſſovia (*parte* Dillenburgenſi, Diezenſi, Hadamarenſi, *prope* Oberſtein,) Haſſia (*prope* Gieſſam, Sangerhauſen, *in montibus* Heersberg *et* Weiſener,) *terris* Hannoveranis (*parte* Luneburgenſi, *prope* Cellas, Goettingam, Mundam,) Thuringia (*prope* Erfordiam *et* Artern,) Magdeburgo (*prope* Altenwedding, Beichliz Beyderſſee, Halam,) Quedlinburgo, Marchia Brandenburgica (*prope* Francofurtum, Koenigswalde, Freyenwalde,) Boruſſia (*in arenae ſtratis ſuccino ſuperincumbentibus*,) Saxonia (*prope* Sangerhauſen, Peſterwiz, Lipſiam, Mehren, Düben, Altenburg,) Luſatia (*prope* Wehrau *et* Oberſchwerta,) Bohemia (*prope* Toepliz,) Franconia (*prope* Norimbergam,) Bavaria (*prope* Ratisbonam,) Wirtembergia (*prope* Laureacum *et thermas* Bollenſes,) Stiria (*prope* Leoben *ad fluvium* Canoch,) Auſtria *ſuperiori* (*prope* Lambach,) Hungaria (*prope* Roniz *et* Schreibersdorf,) Temeſia, Dalmatia (*parte* Morlachica,) Italia (*prope* Spoletum, *in* Hetruria, *prope* Rivolta, *in* Pedemontio *prope* la Morra *et* Auguſtam Taurinorum, *etiam in valle* d'Aoſta) *et* Helvetia (e. gr. *in pago* Tigurino *et* Thurgovia.)

k. pyritaceus.
in Lotharingia, *ducatu* montano (*prope* Bensburg,) Hildeſia, Saxonia (*prope* Lipſiam,) Franconia (*prope* Norimbergam,) *et* Wirtembergia (*prope thermas* Bollenſes.)

l. ferri calce perfuſus.
in Helvetia (*pago* Bernenſi,) Hungaria (*prope* Schemniz,) Bohemia (*prope* Oſſeg, Altſattel, Presniz,) Haſſia (*prope* Gieſſam,) *comitatu* Laubacenſi (*ad lacum* Martiſſee,) *et in ducatu* montano (e. gr. *prope* Gerresheim.)

m. cupri calce gravidus.
in Sibiria, Suecia, Haſſia (*prope* Grosbuſek.)

Lithophyllum. 4. Ph. folii. *Syſt. nat.* I. *p.* 202. *n.* 5. *Geſn. petrif.* 22. *Woltersd. minor.* 43. *n.* 3. Lithobiblium.
typolithus ſatis frequens, diverſiſſimarum plantarum praeſertim arborum folia referens, in marmore, topho, ſuillo, marga, argilla, arenario, rarius in pyromacho aut ferri calce indurata.

5. Ph.

Antholithus. 5. Ph. floris. *Syst. nat.* I. *p.* 202. *n.* 6.

α. ſpicarum graminis.

Waller. miner. 287. Minera cupri figurata ſpicam referens.

Geſn. petrif. 22. Minera cupri et argenti.

Wolff. haſſ. ſubt. t. 5. *f.* 5. Spica frumenti metallaris.

in Sileſia, Franconia (*prope* Ilmenau,) Germaniae *circulo* weſtphalico (*prope* Mühlheim *ad* Koram) *et montibus* Cevennis.

a. phalaridis bulboſae.

cupro albido, cinereo aut vitrato, interſperſo interdum ſubtiliſſime argento, perfuſum in Haſſia (*prope* Frankenberg *et* Thalitter.)

β. herbarum.

niſi merus ludus, ſemper typolithus, lapidi fiſſili compreſſus.

a. galii.

in Anglia *et montibus* Cevennis.

b. heliotropii.

in marga bituminoſa Islebienſi.

c. alſines.

in Sileſia.

d. ranunculi.

in epiſcopatu Conſtantienſi (*prope* Oeningen.)

e. myagri.

in Anglia.

f. aſteris.

in Sileſia (*prope* Laſſig,) *et* Hercynia (*prope* Ilefeld.)

g. centaureae.

in Sileſia.

h. filicis.

in Helvetia, *et circuli* Germaniae weſtphalici *fodina carbonaria* (*prope* Badenberg.)

Carpolithus. 6. Ph. fructus. *Syſt. nat.* I. *p.* 202. *n.* 7.

in Sileſiae, Bohemiae *marga et arenario, rari, frequentius, niſi meri naturae luſus, typolithi.*

α. ſeminum nudorum.

a. glandium.

in Angliae *fodinis carbonariis.*

β. capſularum.

in Pedemontii *arenario* (*prope* la Morra.)

a. fagi ſylvaticae.

in comitatu Laubacenſi.

γ. ſtrobilorum.

in Silesia (*prope* Landshut,) Hungaria (*prope* Litschea *comitatus* Liptoviensis,) Austria (*prope* Viennam,) Helvetia (Tiguri *turfa*) *et* Pedemontii *arenario*.

δ. nicium.

a. coryli.

in Angliae *fodinis carbonariis*.

ε. druparum.

a. juglandis.

in Pedemontii *arenario* (*prope* la Morra,) *et* Burgundia *superiori* (*prope* Lois-le-Sonier.)

ζ. leguminum.

in Angliae *fodinis carbonariis*.

Quid properasse juvat, quid pauca dedisse quieti
Tempora? quid nocti conseruisse diem?
Si semel hic standum est.

ADDEN-

ADDENDA QUAEDAM.

p. 105. post l. 5.

phosphoricum. 13. M. compactum diaphanum, niveum, frictione in tenebris lucens. *Craydon in Cabinett. mineralog. del Collegio Nazareno di Roma* 1. *p.* 156. 157.

Habitat in montium Vesuvii Somma, Ottajano *stratis primitivis, in aqua forti cum viva effervescentia fere totum solvendum, micanti satis simile, an vere distinctum? An huc quoque spectat lapis ruber, cum acidis effervescens, scorliten immixtum habens, in monte* S. Gotthardi *obvius, a* Cl. Pini *memor. della societa patriotica di Milano.* P. I. *commemoratus? In tenebris si fricetur, aut contusus ferro candenti inspergatur, lucem spargit.*

Dolomiaei. 14. M. tardius cum acidis effervescens, igni expositum vitreo cortici se obducens. *Saussure journ. de phys.* 1792. 1. *p.* 161.

Habitat in montibus Tirolensibus, *interdum ad chalybem scintillans, et mallei icta in fragmenta convexa discedens, in* 10000 *partibus* 4600 *aëris fixi,* 4429 *cretae,* 5860 *aluminaris,* 1400 *magnesiae,* 740 *calcis ferreae continens, ut igitur, si pondere praedominantem partem respicias, potius ad argillaceas spectet.*

elasticum. 15. M. elasticum ochroleucum ferro candenti insperſum lucens. *Fleurian de Bellevue journ. de phys.* 1792. *Hoüt. p.* 86. &c.

Habitat in vallibus Levantino *et* Campo longo *monti* S. Gotthardi *confinibus, stratum* 50 *pedes altum, et per* 100 *orgyas extensum constituens, tremoliten saepe insperſum habens, in* 2000 *partibus* 925 *aëris fixi, ultra* 640 *cretae,* 340 *aluminaris ferruginosae,* 20 *micae, et* 7 *magnesiae continens.*

p. 117. post l. ult. l.

PICROSPATUM. Ex terra calcaria et vix minori magnesiae parte conflatum. Parasiticum, subdurum.

crystallinum. 1. PICROSPATUM. *Lindacker ap. J. Mayer Samml. physic. Aufs.* 2. *p.* 284.

Cabinett. mineralog. del Colleg. Nazar. di Roma. 1. *p.* 163. *Karsten bergm. Journ.* 1792. *Vol.* 2. *p.* 80. Bitterspath.

Habitat in Austriae *superioris*, Salisburgi, Tirolis *smectide, serpentino fissili, rufescens aut flavescens, duritie spatum superans, ad fluorem spatosum propius accedens, cum acidis parum et tarde effervescens, diaphanum vel pellucidum, longitudinaliter diffractum fibrosum, transverse fractum in fragmenta imperfectius convexa secedens, saepius secundum longitudinem striatum, coloris mellei, rufescentis aut subfulvi, rarius forma communi, quam prismatum hexaëdrorum, acutangulorum nitentium, scabrorum aut glabrorum, utplurimum compressorum et in pyramides imperfectas terminatorum, faciebus rhombeis conspicuorum comparens, in* 100 *partibus* 52 *terrae calcariae,* 45 *magnesiae, et* 3 *calcis ferreae continens.*

p. 158. post l. ult. l.

Lepidolithus. 9. M. squamis sparsis planis cohaerentibus dilute violaceis.

Karsten et Klaproth bergm. Journ. 1792. *Vol.* 2. *p.* 80. Lillalit, Lepidolit.

Habitat in Moraviae *montibus, rupestris, in* 10000 *partibus ex* 5450 *terrae siliceae,* 3825 *aluminaris,* 75 *calcis ferreae et magnesiae nigrae, et* 250 *aquae constans; an hujus generis?*

p. 168. post l. 4. l.

vesuvianus. 6. Sc. diaphanus fulvus, crystallis hexaëdro-prismaticis.

Ferber Brief. aus Welschl. p 167. Gelblicher Hyacinth- oder Topasfarbiger sechsseitiger Schoerl.

la Metherie journ. de phys. 1792. *Nov. p.* 356. Hyacinthine, Hyacinthe des volcans.

Habitat in Vesuvii lavis *sparsus, duritie ad gemmas accedens, ut harum nomine saepe veneat, et congeneres superet, genuinum* v. g. = 1500 : 1100 *frictione electricus.*

post l. 14. l. β) Zeylanites, crystallis dodecaedricis: marginibus truncatis. *La Metherie journ. de phys.* 1792. *Aug. p.* 156.

p. 173. post l. 27. β?) Euclasius crystallis tetraedro prismaticis in pyramides anomalas tetraedras terminatis; faciebus prismatis obliquis. *La Metherie journ. de phys.* 1792. *Aug. p.* 155.

p. 175.

p. 175. post l. 8. l. β) Augites Werneri.

p. 177. l. ult. l. *an huc spectat scorlus ruber ? ?*

Granadillus. 16. G. dura subponderosa rubra texturae parallele fibrosae igne difficulter liquanda at conicem emittens, crystallis prismaticis acicularibus.

Ferber 3 *Briefe mineralog. Jnnhalts. p.* 21. Rothes strahlichtes Fossil.

v. Fichtel mineralog. Bemerkung. von den Karpathen. 2. *p.* 59. *Bindheim chemisch. Annal.* 1792. *Vol.* 2. *p.* 317. Rother Schoerl.

Habitat in monte Helvetico S. Gotthardi, *montibus* pyrenaeis, Castiliae, Hungariae (*prope* Murany,) *et* Sibiriae (*prope* Sarapulskoi,) *colore kermesino, sanguineo aut florum persici aemulo, diaphana, transverse fracta convexas satis facies ostendens, extrinsecus nitens, in fragmenta acuta dissiliens, ponderis specifici* = 3100 : 1000, *politura egregium nitorem acquirens, aciculis nunc sparsis, nunc in clavae, nunc in retis speciem aggregatis, quartzo aut granitae innidulans, in* 200 *partibus* 114 *terrae siliceae,* 70 *aluminaris,* 1 *magnesiae albae,* 10 *calcis ferreae magnesia nigra contaminatae continens.*

p. 181. post l. ult. l.

fibrosum. 6. F. fibrosum, fibris parallelis in strata distinctis.

Lindackeo ap. J. Mayer Samml. phys. Aufs. 2. *p.* 278. &c.

Habitat vagus in Bohemia *aut* Moldavae *ripas, interdum quartzi micaeve vestigia adnata sibi habens, in fragmenta indeterminata* (*an igitur hujus generis?*) *dissiliens, quartzi crystallis haud raro durius, utplurimum fuscum, intus paulisper, matris perlarum in modum nitens.*

p. 219. l. 7. l. actinoti l. granadilli.

l. 9. l. prope Genev. l. *egregiam polituram admittens, spiculis nunc flavicantibus nunc rubellis, nunc obscurius rubris quartzo pellucido excolori immersis.*

post l. 9. l.

acicularis. 60. Gr. ex quartzo pellucido et actinoti spiculis compositus.

Habitat vagus ad radicem montium sabaudicorum *prope* Genevam.

l. 14. 15. del. *nunc flavicantibus rubris.*

p. 291. post l. ult. l.

Arenae cuidam nigrae, pulverem pyrium mentienti, cum quartzi albi granulis permistae in valle paroeciae Cornubiensis Menaken (*a qua etiam* Menacanitae *nomine insignita fuit*) *ad ripas rivi cujusdam obviae, magneti obsequiosae, in pulverem tenuissimum facile comminuandae et satis ponderosae* ($= 4,427 : 1000$) *praeter ferrum metallum sui generis inhaerere nuper suspicatus, et nonnullis experimentis comprobare annisus est* Cl. Gregor (*chemisch Annal.* 1791. Vol. I. p. 40. &c. 103. &c. Vol. 2. p. 55.) *solvitur autem acido vitrioli quod amethysti inde tinctum nanciscitur, atque ex eo per lixivium caerulei Berolinensis forma pulveris albi, per tincturam vero gallarum forma pulveris ex rubro aurantii praecipitatur, et sua praesentia lixivium illud impedientem, quo minus ferrum caerulei berolinensis facie praecipitet: At donec catalogo metallorum inseratur, plura adhuc exspectare juvat experimenta.*

p. 362. post l. ult. l.

Argentum rubrum, saltem in Hercyniae *et* Saxoniae *fodinis obvium nihil arsenici, at stibium* ($\frac{34-50}{100}$ *et plus*) *continere, accurata docent Virorum Clarissimorum* Klaprothi (*bergmaenn. Journ.* 1792. Vol. 1. p. 141. &c.) *et* Westrumb (*chem. Annal.* 1792. Vol. 1. p. 318. &c.) *scrutinia.*

CRY-