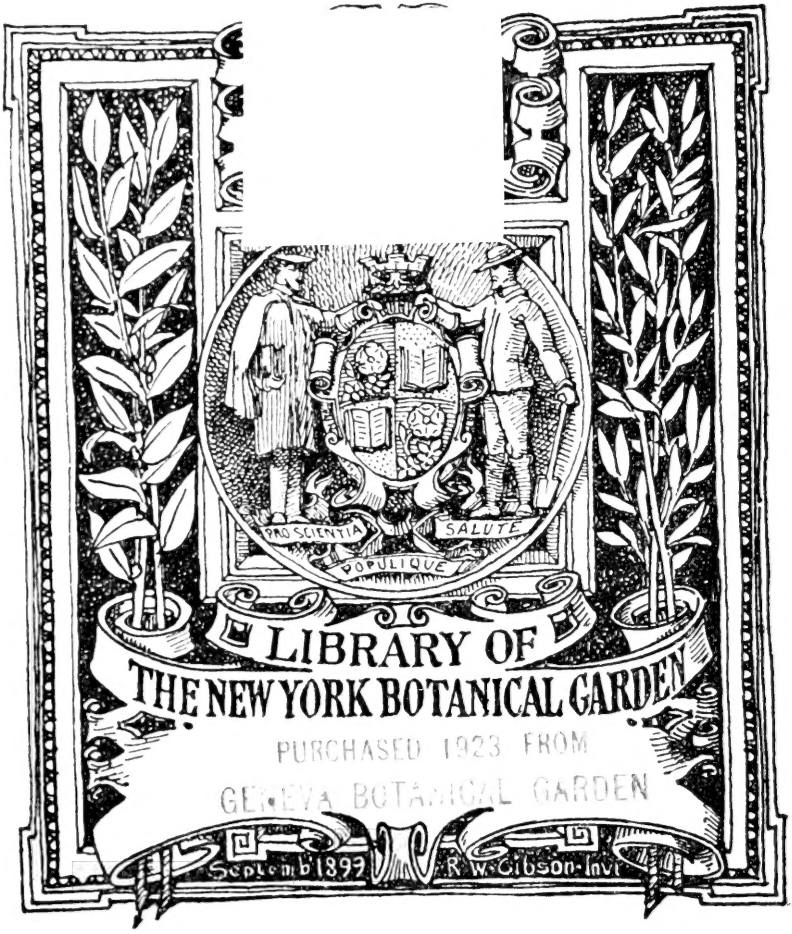
PRO SCIENTIA
SALUTE
POPULIQUE
LIBRARY OF
THE NEW YORK BOTANICAL GARDEN
PURCHASED 1923 FROM
GENEVA BOTANICAL GARDEN
September 1897
R. W. Gibson Inv.

HERBARIUM PEDEMONTANUM

CURANTE

ALOYSIO COLLA

VOL. VII.

TAURINI
EX REGIO TYPOGRAPHEO
1837

HERBARIUM
PEDEMONTANUM

JUXTA

METHODUM NATURALEM DISPOSITUM

ADDITIS NONNULLIS STIRPIBUS EXOTICIS

AD UNIVERSOS EJUSDEM METHODI ORDINES EXHIBENDOS

CURANTE

ALOYSIO COLLA

AMPLISS. JURISCONSULT. COLLEG. R. TAURIN. UNIVERSIT. COOPTATO - R. SCIENTIAR. ACAD. ET R. SOCIET. AGRICULT. TAURINENS. SOCIO - SOCIET. NAT. SCRUT. HELVET. - SOCIET. LINN. PARISIENS. - SOCIET. IMP. R. PATRIOT. ŒCONOM. BOHEM. - ACAD. SCIENT. NAT. PHILADELPH. - R. SOCIET. AGRAR. ET ŒCONOM. CALAR. - R. ACADEM. SCIENT. LITTER. ET ART. LUGDUN. - I. ET R. ACADEM. ŒCONOM. AGRAR. FLORENT. - SOCIET. MEDICO-BOTAN. LONDIN. - R. BOTANIC. SOCIET. RATISBON. - R. SOCIET. BORBON. ACAD. SCIENT. NEAPOL. - ACADEM. SCIENT. BONON. SODALI ETC. ETC.

VOL. VII.

SISTENS FUNGOS

AD INDICEM NOMINUM VERNACULORUM

AUGUSTÆ TAURINORUM

EX TYPIS REGIIS

1837

Subclassis III.

Fungi *Linn:*

(Pers: syn: meth: Fungor: Gott: 1801. = Nees Esenbeck *syst: der Pilze* etc. Nurub: 1817. = Fries *syst: mycologicum* Lund: 1821. = Spr: syst: IV. p. 376. = Bartl: ord: nat: p. 5.).

Char: essentialis.

» Expansiones corporibus organicis emortuis vel » putrescentibus rarius viventibus vel ad terram af- » fixæ, e cellulis uniformibus vel difformibus (dis- » cretæ, solutæ, contiguæ, concretæ) varie compo- » sitæ, omnibus organis simul exortis a centro un- » dique extensæ, semel fructificantes. Fructificationis » organa obscura. *Sporidia* simplicissima vel in *floccos* » abeuntia, modo clausa sc: in *utero* contenta, sæpe » (in Fungis superioribus) receptaculo aperto (*Hy-* » *menium*) immersa et tunc quandoque in proprias » cellulas (*Asci*) inclusa. »

Obs: 1.ª Subclassis quidem naturalissima, sed inter omnes extricatu difficillima tum ob ingentem stirpium copiam, cum ob substantiam fere prorsus in omnibus homogenam, ac formarum colorumque lusus et fructificationis ab uno ad alterum statum facillime abeuntis tenebras; varie a Mycologis divisa pro varia eorum opinione circa fructificationis organa. Modo

fere omnes, paucis mutatis, systemati celeberr: Friesii assentiuntur, quod ipse sequar, classibus tantum in ordines conversis. Consule præter Auctores supra citatos, præsertim pro iconibus, quarum defectu frustra stirpes perquiruntur, insignia opera præstantissimorum Bulliard *Hist: des Champignons de la France* Paris 1791.; Sowerby *Engl: fung:* London 1796-1814.; Viviani *Funghi d'Italia* Genova 1834-35-36.

Obs: 2.ª In *Fungis* regiones nostras colentibus enumerandis permultæ stirpes forsan omissæ fuerunt quamquam maximam quo fas fuit diligentiam adhibuerim tum in ipsis legendis, cum Auctores nostrates consulendo, præsertim pro ligusticis amicissimum humanissimumque Equitem Viviani, et pro sabaudis sollertissimos Huguenin et Bonjean, qui omnes pretiosas notas mihi præstaverunt, et erga quos grati animi significationem hic speciatim testor; attamen in tanta specierum, inter quas magna pars fugacissima vel microscopica, mole, quomodo fieri potest ne errores gravesque etiam prætermissiones occurrant?

Obs: 3.ª Crescunt *Fungi* præcipue in locis humidis et calidioribus ubi corporum organicorum putredo acceleratur; multi citissime explicantur et mox pereunt; pauci coriacei vel suberosi aut sub-lignosi perennant; omnes maximam gaz azotici quantitatem continent, unde plures fœtidi, alii venenati vel suspecti, alii et pauciores nutritivi.

Ordo CCXI.

HYMENOMYCETES

(Fries syst: mycol: I. p. 1. classis propria =
Bartl: ord: nat: p. 7. =
Fungi genuini Spr: syst: IV. p. 377.).

Char: essentialis.

» *Hymenium* nudum ascophorum. *Asci* in super-
» ficie collocati immersi plerumque fixi sporidiis in
» ascis seriatim dispositis (*Evoluti* Link:); vel asci
» haud evoluti, sporidiis in ambitu nidulantibus (*Pro-*
» *totypi* Nees:). »

Obs: Ordo comprehendens omnes Fungos magis perfectos seu superiores, radicibus e fibris mucosis tenuibus subinde simplicibus fusiformibus, receptaculo carnoso vel suberoso forma varia contextu solido subfloccoso, vel substantia vesiculosa homogenea forma globosa in cupulatam, clavæformem aut pileatam abeunte. (E nisu reproductivo vegetabilium in potestate lucis, Fungi *geogenii receptaculares* Fries).

Trib: I.

Evoluti (Asci perfecti).

Obs: Ex forma *receptaculi* dividuntur *Evoluti* in 4. sectiones (ordines proprii Fries), sc: *pileatos*, *clavatos*, *mitratos*, et *cupulatos*.

Sect: I. *Pileati.*

Fungus et *Agaricus* Tourn: = *Fungi pileati* Dill: Nees: = *Agaricoidei*, *Hypnoidei*, *Gymnodermata*, et *Chantarelloidei* Pers:

» *Receptaculum* dilatatum subinde ramosum in for-
» mam orbiculatam tendens; *hymenium* inferum; *asci*
» *fixi.* Genera ex Fries 12., ex Spr: 7. »

I. Agaricus Lin: gen: 1074. = Fries syst: mycol: I. p. 9. = Spr: syst: n. 3469. = Lam: ill: t. 884. = *Amanitæ*, *Russulæ*, *Lectarii*, *Coprini* spec: nonnullæ quorund:

» *Hymen*: lamellatum, lamellis simplicibus para-
» lellis longitudinaliter ascigeris. »

Obs: Genus præ ceteris vastissimum, constans ex Fries 720. stirpibus circiter, ex Spr: 644., proinde difficillime determinandis, in series et sub-series rite divisis, attamen pro nonnullis adhuc obscuris. Fungi stipitati, stipite numquam reticulato, raro obliterato, pileo carnoso vel membranaceo, velo vario vel nullo.

Series 1.a

Leucosporus (Velum varium vel nullum; lamellæ immutabiles; sporidia alba).

A *Amanita* (Stipes centralis velatus; velum duplex, universale discretum partiale annuliforme sub-persistens).

❋ 1. *A. Phalloides* = Fries l. c. p. 13. = Spr:

syst: IV. 418. = Viv: fung: p. 14. t. 14. f. a et t. 15. *A. bulbosus* Bull: champ: t. 577. Schæff: fung: t. 241. f. 4. Vern: *Cucamele* (*Eur*: in sylvis solo humoso frequens vere et æstate. *Pedem:* in campis æstate et autumno All: n. 2668. Balb: el: p. 3. Biroli fl: acon: II. p. 225. omnes sub *A. bulboso*). Inodorus edulis (suspectus ex Viv:), pileus sub-squamosus margine lævi, stipes farctus sub-æqualis volva bulbiformi nunc laxa nunc marginata. Variat colore ab albo-virescente ad flavum et fuscum. Huc spectat sec: Steud: *A. stramineus* Scop: omissus a Fries et Spr: abundans in sylvis vallis *Pisii* Maj: - Jun: Cum: spec: p. 9. Pro varr: cons: Viv: l. c.

❋ 2. *A. sertatus* = Viv: fung: p. 15. t. 14. f. 5.-9. = *A. Phalloides* Vaill: non Fries (In sylvis castanearum et quercuum secus *il Bisagno* prope *Genuam* Viv: l. c.). Differt a priori, cui valde affinis, præsertim stipite *exannulato*, volva etiam *supra bulbum adhærente* in lacinias *fissa*; suspectus.

❋ 3. *A. vaginatus* = Bull: champ: t. 512. et 98. = Fries l. c. p. 14. Spr: syst: IV. 418. = Viv: l. c. t. 59. (*Eur:* ad terram incultam. *Pedem*: æstate in claustro *Carthusiæ Pisii* sub Castaneis Cum: sp: p. 10. In collibus *Taurinens:* Re fl: tor: II. p. 284. sub *Amanita livida.* Prope *Genuam* in castanetis Viv: l. c.). Suspectus, pileus junior campanulatus sub-squamosus margine sulcatus lamellis albis, stipes fistulosus longus superne attenuatus sericeo-squamulosus volva vaginali. Variat colore albido (*A. fungites* Batsch:), griseo-livido (*A. lividus* et *plumbeus* Auctor:), cæsio (*A. hyalinus* Schæff:), spadiceo (*A. badius* Schæff:),

et fulvo (*A. fulvus* Schæff:). *A. badius* Schæff: crescit ubique in collibus All: n. 2717.

❋ 4. *A. urceolatus* = Viv: l. c. p. 13. t. 14. f. 1. 4. et 17. f. 8. (In ericetis *Ligur*: orient: Viv: l. c.). Pileus hemisphæricus demum depressiusculus umbonatus margine striatus lamellis adnatis candidis, stipes nudus elongatus fistulosus basi exceptus volva subbipartita urceolata. Pileus in typo murinus in var: spadiceus.

❋ 5. *A. ovoideus* = Bull: t. 364. = Fries l. c. p. 15. Spr: l. c. = Viv: l. c. p. 38. t. 34. (*Eur*: austr: in sylvis Acerum. In pinetis maritimis præcipue prope *Chiavari* in *Ligur*: orient: Viv: l. c.). Edulis magnus, pileus ovoideus albicans margine reflexus non sulcatus lamellis lineari-ellipticis, stipes crassus farctus floccoso - squamulosus annulo candido fugaci volva adnata persistente.

❋ 6. *A. cæsareus* = Schæff: fung: t. 258. = Viv: fung: p. 34. t. 30. = Fries l. c. p. 15. Spr: syst: IV. 418. *A. aurantiacus* Bull: champ: t. 120. Vern: *Boulè real* (*Eur*: austr: in sylvis. *Pedem*: autumno locis pinguibus humidis All: n. 2673. Re fl: segus: p. 91. In sylvis ac locis soli expositis tam collium quam planitiei Balb: fl: taur: p. 224. Re fl: tor: II. p. 285. sub *Amanita cæsarea*. In sylvis totius *Ligur*: Viv: l. c. *Sabaud*: Bonjean in litt: sub *A. aurantiaco*. In nemoribus montium frequens Biroli fl: acon: II. p. 224. sub *A. aurantiaco*). Edulis deliciosus, pileus junior hemisphæricus aurantiacus margine striatus lamellis luteis, stipes farctus sub-æqualis albo-luteus volva laxa alba.

❋ 7. *A. muscarius* = L. sp: 1640. = Fries l. c. p. 16. Spr: syst: IV. 418. = Viv: fung: p. et t. 29. *A. pseudo-aurantiacus* Bull: champ: t. 122. (*Eur:* in sylvis ubique. *Pedem*: ad oras sylvarum locis apricis All: n. 2708. In castanetis autumno Re fl: segus: p. 91. In sylvis collium et *della Mandria* Balb: fl: taur: p. 223. Re fl: tor: II. p. 285. sub *Amanita muscaria*. In nemoribus collium Biroli fl: acon: II. p. 224. In sylvis totius *Ligur*: Viv: l. c.). Habitus prioris, sed venenatus ac distinguendus pileo sæpius *albo-verrucoso*, lamellis *albis*, volva *obliterata squamosa*. Variat statura majori et pilei colore sæpius tamen aurantiaco. Cons: pro varr: Viv: l. c.

❋ 8. *A. pantherinus* = L. suec: 1236. = Fries l. c. p. 16. Spr: syst: IV. 418. = Viv: fung: p. et t. 26. *A. maculatus* Schæff: fung: t. 90. (In sylvis montosis post pluvias sat frequens Aug: - Oct: Similibus locis circa *Genuam* vulgo *Tignosa* dictus Viv: l. c.). Differt a præcedenti pileo generatim *fusco æqualiter olivaceo-verrucoso*, stipite *æquali* nec bulboso, volva *ochreato-adnata* non squamosa; suspectus.

❋ 9. *A. solitarius* = Bull: champ: t. 48. et 593. = Fries l. c. p. 17. = Spr: syst: IV. 419. (*Eur*: in dumetis alibique Aug: - Sept: *Pedem*: ad semitas locis umbrosis collium *Taurin*: ac vineæ *di Righin Natalin* initio Aug: Balb: fl: taur: p. 223. Re fl: tor: II. p. 306. Ad oras sylvarum præsertim in collibus Biroli fl: acon: II. p. 224.). Vix edulis candidus, pileus sub-squamosus margine sub-striatus, stipes solidus æqualis squamosus volva bulbosa.

❀ 10. *A. rubescens* = Fries l. c. p. 18. = Viv: fung: p. 22. t. 22. et 23. = *A. pustulatus* Schæff: fung: t. 91. non Pers: *A. verrucosus* Curt: non Pers: Battar: t. 6. f. 3. (*Eur:* in sylvis et campis sterilibus ubique. *Pedem:* in pascuis et sylvis montanis All: n. 2666. Bale: misc: bot: p. 67. sub *A. pustulato.* Re fl: tor: II. p. 285. sub *Amanita rubescente.* In pinetis prope *Genuam* Viv: l. c.). Suspectus, pileus inæqualiter verrucosus verrucis farinosis margine lævis, stipes longus firmus rubescens squamosus volva obliterata sub-bulbosa. Variat colore pilei a pallescente ad fuscum, caro autem constanter rubescens. Omissus a Spr: et forsan confusus cum *A. pantherino* vel cum seq: Ex syn: Battar: non dubito, plantam All: ad speciem Friesii esse referendam. *A. pustulatus* Pers: est alia planta pertinens ad *Limacia. A. verrucosus* Pers: ducitur ad *A. pantherinum* DC. fl: fr: suppl: p. 52. a Fries l. c. p. 16., quem crescere in collibus *Taurin:* valle *Salicis* tradit Re app: I. p. 53.; sed phrasis parum quadrat cum *A. pantherino* DC. Ceterum synonymia hujusce stirpis valde confusa. Cons: Viv: l. c.

❀ 11. *A. asper* = DC. fl: fr: n. 559. = Fries l. c. p. 18. Spr: syst: IV. 419. = *A. verrucosus* Bull: champ: t. 316. *A. rubescens* var: *asper* Viv: l. c. (*Eur:* in sylvis apricis sæpe locis deustis. *Pedem:* frequens in locis umbrosis vallis *Salicum* Re fl: tor: II. p. 285. sub *Amanita aspera.* In sylvis æstate crescit Biroli fl: acon: II. p. 224. et 225. dupl: In valle *Pisii* Cum: spec: p. 68. sub *A. verrucoso* Bull:). Similiter

suspectus, vix differt a priori pileo *sub-umbonato*, verrucis *acutis*, stipite magis *attenuato*, carne *albida* in cute tantum leviter rubescente.

B *Lepiota* (Stipes centralis velatus; velum simplex universale concretum annuliforme sub-persistens).

❀ 12. *A. procerus* = Scop: carn: ed: 2. n. 1465. = Fries l. c. p. 20. Spr: syst: IV. 419. = Schæff: fung: t. 22. 23. Viv: fung: p. et t. 8. *A. colubrinus* Bull: champ: t. 78. et 583. (*Eur*: in hortis et sylvis vulgaris. *Pedem*: in pascuis et agris frequens All: n. 2710. Re fl: segus: p. 92. Cum: spec: p. 12. In horto magni *Valentini* et alibi circa *Taurin*: Balb: fl: taur: p. 223. et Re fl: tor: II. p. 286. sub *A. colubrino*. In ericetis et pascuis frequens Biroli fl: acon: II. p. 223. sub eod: In montibus sylvosis *Ligur*: Viv: l. c. *Sabaud:* Bonjean in litt:). Vix edulis elatus magnus, pileus fusco-squamosus margine albido-fibrillosus lamellis remotis, stipes cylindricus firmus squamulis fuscis variegatus basi bulbosus annulo mobili. *A. extinctorius* L. suec: 1196. crescens penes nos in ruderatis et fimetis (All: n. 2664.) est sola *proceri* var: stipite *nudo*.

❀ 13. *A. porrigens* = Viv: l. c. p. 11. = *A. prominens* ibid: t. 12. f. 1. 3. (Prope *Florentiam* Viv: l. c. In fagetis *Ligur*: orient: idem in litt:). Pileus sphæroideus fusco - albicans prominulus squamis in centro imbricatis in disco sparsis ochraceis lamellis albis ellipticis, stipes cylindricus fistulosus ad basim bulbosus libere annulatus albidus.

❋ 14. *A. mastoideus* = Fries l. c. p. 20. = Spr: l. c. 419. = Viv: l. c. p. et t. 19. Battar: p. 30. t. X. (In nemoribus *Ital*: vere. *Ligur*: ad radices Castanearum putrescentium Viv: in litt:). Tenuis gregarius suspectus, pileus albidus sub-conicus papillosus lamellis ellipticis remotis, stipes elongatus attenuatus cavus annulo fugacissimo.

❋ 15. *A. pruinosus* = Viv: l. c. p. 21. t. 21. f. 5. 9. (*Genuæ* in ligno putrido Castanearum in calidariis Viv: l. c.). Solitarius candidus parvulus, pileus obtuse conicus hinc depressus sub-prominulus margine reflexo pruinoso lamellis ellipticis, stipes nudus cylindricus cavus.

❋ 16. *A. excoriatus* = Schæff: fung: t. 18. et 19. = Fries l. c. p. 21. = Viv: l. c. t. 49. (*Eur*: in arvis campestribus. *Pedem*: in pratis et vinetis All: n. 2697. Re fl: segus: p. 92. In sylvis collium *Taurin*: et in valle *Sassi* Re fl: tor: II. p. 286. *Ligur:* Viv: in litt:). Vix differt ab *A. procero*, cujus var: sec: Pers: et Spr:, statura constanter *minori*, pileo *lævi*, stipite *breviori lævi* nec bulboso; edulis.

❋ 17. *A. clypeolarius* = Bull: champ: t. 405. et 506. f. 2. = Fries l. c. p. 21. = Spr: syst: IV. 419. (*Eur*: in sylvis et vaporariis. *Pedem*: in horto magno *Valentini* terrestris et solitarius Balb: fl: taur: p. 223. Re fl: tor: II. p. 286. sub *A. colubrino* var: A. In sylvis montanis præsertim versus *Cannobbio* Biroli fl: acon: II. p. 223. *Ligur:* Viv: in litt:). Differt a præcedenti pileo in squamas *rupto*, lamellis *approximatis*, stipite *floccoso squamoso*, annulo *fugaci*. Statura

minor quam *A. procerus*, squamæ generatim rufo-fuscæ, nigrescentes in *A. felino* Pers:

❋ 18. *A. cristatus* = Bolt: t. 7. = Fries l. c. p. 22. = Spr: syst: IV. 419. *A. conspurcatus* W. Ber: 382. *A. colubrinus* γ Pers: p. 259. (*Eur:* in locis graminosis. *Pedem:* iisdem locis Balb: de crep: p. 20. In horto magno *Valentini* cum *procero* et *clypeolario* Re fl: tor: II. p. 286. *Ligur:* in castanetis Viv: in litt:). In hoc lamellæ *remotæ*, stipes *lævis*, odor et sapor *ingratus*.

❋ 19. *A. granulosus* = Fries l. c. p. 24. = Spr: syst: IV. 419. = *A. ochraceus* Bull: champ: t. 362. et 530. f. 3. pro var: a. Batsch: el: f. 24. pro var: b. Fl: dan: t. 1015. f. 2. pro var: c. Pers: ic: pict: t. 5. f. 1. 3. pro var: d. Fl: dan: t. 1248. f. 1. pro var: e. (*Eur*: in pinetis et ericetis. *Pedem*: similibus locis Balb: el: p. 10. pro var: a. Cum: spec: 68. sub *A. ochraceo*. In sylvis collium inter muscos Re fl: tor: II. p. 287.). Pileus ochraceus in plantis pedemontanis furfuraceo-granulosus obtuse umbonatus lamellis affixis, stipes sub-cavus elongatus basi sub-incrassatus ad medium usque ab annulo vaginatus. Variat pilei colore in b ferrugineo, in c cinnabarino, in d incarnato, in e albido.

❋ 20. *A. ramentaceus* = Bull: champ: t. 595. f. 3. = Fries l. c. p. 25. = Spr: syst: IV. 420. (In *Galliæ* graminosis. *Pedem*: similibus locis Balb: el: p. 3. In *Ticini* ericetis solitarius crescit Aug: Biroli fl: acon: II. p. 223. In castanetis *Ligurum* Viv: in litt:). Pileus albus planiusculus obtuse umbonatus versus discum nigrescenti-squamosus lamellis sub-adnexis,

stipes farctus æqualis infra annulum erectum angustum squamulosum.

❋ 21. *A. dehiscens* = Viv: l. c. t. 49. (Prope *Genuam* Viv: in litt:). Ex ic: Viv: pileus sub-hemisphæricus luteus margine crenulatus epidermide rumpente lamellis remotiusculis albidis, stipes erectus albus squamulosus sub pileo annulatus farctus basi incrassatus fuscus radicatus.

C *Armillaria* (Stipes centralis velatus; velum simplex partiale discretum annuliforme sub - persistens).

❋ 22. *A. mucidus* = Schrad: spicil: p. 116. = Fries l. c. p. 28. Spr: syst: IV. 420. *A. valens* Scop: aliique. = *A. nitidus*, *splendens* et *olivaceo-fuscus* fl: dan: t. 773. 1130. et 1372. (*Eur*: in truncis vetustis vulgaris. *Pedem*: ad caudices arborum in sylvis All: n. 2667. sub *A. valente*). Sub-cæspitosus, pileus tenuis glutinosus plerumque candidus lamellis adnexis distantibus lineatim decurrentibus antice evanescentibus, stipes bulbosus, annulus arcte deflexus sulcatus margine tumido sæpius fusco.

❋ 23. *A. melleus* = Fl: dan: t. 1013. non Schæff: nec All: = Fries l. c. p. 30. Spr: syst: IV. 420. = Viv: l. c. t. 51. sec: Auctor: in litt: *A. annularius* Bull: t. 377. et 540. f. 3. (*Eur*: ad radices arborum vulgaris. *Pedem*: ad mororum caudices in collibus Balb: de crep: p. 18. sub *A. annulario*. Autumno ad arborum truncos aut ad terram in truncorum viciniis Re fl: tor: II. p. 287. sub *A. polymyces* ex Pers: In

collibus ad arborum radices Biroli fl: acon: II. p. 222. sub *A. annulario. Ligur*: ad truncos Salicum, Populi etc. Viv: in litt:). Cæspitosus amplus edulis, pileus sordide luteus squamis pilosis nigricantibus echinatus lamellis adnato-decurrentibus distantibus pallescentibus, stipes firmus spongiosus vix squamosus basi sub-incrassatus annulo amplo tumido patulo.

D *Limacium* (Stipes centralis velatus; velum fugacissimum viscosum; lamellæ adnato-decurrentes).

❋ 24. *A. erubescens* = Fries l. c. p. 32. = Spr: l. c. 420. = *A. carnosus* Sowerb: fung: t. 246. (In fagetis et nemoribus graminosis *Ligur*: Viv: in litt:). Pileus lævis albo-rubescens planiusculus margine involutus tomentosus lamellis distantibus strictis, stipes farctus sursum incrassatus squamulosus.

❋ 25. *A. eburneus* = Bull: t. 118. et 551. f. 2. = Fries l. c. p. 33. Spr: syst: IV. 421. = Batt: t. 21. pro var: *β*. Viv: fung: p. 17. t. 17. *A. jozzolus* Scop: (*Eur*: in sylvis frondosis et acerosis frequens Aug:-Nov: *Pedem*: in collibus *Taurin*: All: n. 2705. sub *A. jozzolo*. Balb: misc: bot: p. 66. Re fl: tor: II. p. 292. In sylvis montanis Biroli fl: acon: II. p. 219. In castanetis *Ligur*: Viv: l. c.). Edulis candidissimus, pileus lævis exsiccatus nitens lamellis latis distantibus, stipes statura varius sæpius elongatus æqualis farctus albo-squamulosus. Variat in b pilei disco flavescente, stipite longissimo (*A. cossus* Sowerb: t. 121.).

E *Tricholoma* (Stipes centralis velatus; velum fugacissimum flocculosum marginale; laminæ emarginatæ vel rotundatæ).

❋ 26. *A. albo - bruneus* = Pers: syn: p. 293. = Fries l. c. p. 37. Spr: syst: IV. 421. = Viv: fung: p. 37. t. 32. *A. striatus* Schæff: fung: t. 38. *A. glutinosus* Bull: t. 258. 539. non Schæff: nec Fries (In pinetis Aug: - Oct: *Pedem*: similibus locis Balb: el: p. 3. *Ligur:* Viv: in litt:). Major sub-cæspitosus non edulis, pileus convexo - planus lævis viscosus umbrinus lamellis adnexis albis dente decurrentibus, stipes farctus glaber basi sub - ventricosus umbrinus apice squamulosus candidus.

❋ 27. *A. caligatus* = Viv: fung: p. 40. t. 35. (*Ligur*: orient: in pinetis *di Chiavari* Viv: l. c.). Differt a priori, cui affinis, monente cl: Auctore, pileo late hemisphærico purpurascente margine revoluto albicante, stipite inferne late squamoso maculato, et præcipue præsentia veli e membrana in annulum spurium persistente orti; suspectus.

❋ 28. *A. fulvus* = Bull: t. 555. f. 2. et 574. f. 1. = Fries l. c. p. 37. = Spr: syst: IV. 421. *A. incertus* Schæff: fung: t. 62. (In dumetis, pratis alibique frequens Aug: - Sept: *Pedem*: in sylvis *Stupinixii*, *Venariæ* et collium *Taurin*: Balb: de crep: p. 20. Re fl: tor: II. p. 305. In sylvis vallis *Ticini* frequens Biroli fl: acon: II. p. 220.). Magnus sub-gregarius vix edulis, pileus carnosus convexus viscosus rufo-fulvus sub-squamulosus passim umbonatus lamellis latis ad-

nexis flavis sæpe rufo - maculatis, stipes firmus sub - æqualis fibrillosus rufescens. Variat lamellis pallidis.

❋ 29. *A. Russula* = Schæff: fung: t. 58. pro var: a et 75. pro var: b = Fries l. c. p. 38. = Spr: syst: IV. 421. (In sylvis autumno. *Pedem*: in valle *Segusiana* Balb: misc: bot: p. 63. Vulgaris in *Mocchiarum* sylvis autumno Re fl: segus: p. 92. non fl: tor: II. p. 300.). Edulis, pileus sub - depressus viscosus granulatus roseus lamellis candidis sub - liberis, stipes concolor solidus æqualis apice squamulosus brevis in var: a longus in b.

❋ 30. *A. prasinus* = Schæff: fung: t. 218. = Fries l. c. p. 39. = Spr: syst: IV. 422. (Locis muscosis initio autumni. *Pedem*: iisdem locis All: n. 2716. In sylvis *Venariæ* Balb: fl: taur: p. 224. Re fl: tor: II. p. 306.). Vix edulis, pileus sub-compactus plano-convexus squamoso - viscidus pulvinatus luteo - viridis lamellis liberis luteis, stipes crassus solidus tuberosus flavescens.

❋ 31. *A. miculatus* = Fries l. c. p. 39. = Spr: syst: IV. 422. = *A. granulatus* Schæff: fung: t. 21. (In quercetis alibique rarus Aug: - Sept: *Pedem:* in sylvis aridis et pratis in declivio positis All: n. 2680. sub *A. granulato*). Differt a priori pileo *granulato luteo - viridi*, lamellis *adfixis lacteis*, stipite *æquali fibrilloso albido-fuscescente.*

❋ 32. *A. flavo - virens* = Pers: syn: p. 319. = Fries l. c. p. 41. Spr: syst: IV. 422. *A. equestris* L. sp: 1642. = *A. aureus* Schæff: fung: t. 41. (In pinetis siccis et ad viarum margines Sept: - Dec: *Pedem*: in sylvis montanis All: n. 2685. sub *A. equestri*).

Non edulis, pileus compactus flexuosus sub-squamosus flavo-rufescens lamellis confertis sulphureis, stipes brevis solidus durus sulphureus intus albus.

❋ 33. *A. vaccinus* = Schæff: fung: t. 25. = Fries l. c. p. 42. Spr: syst: IV. 422. = *A. rufus* Pers: ic: et descr: t. 4. f. 4. (In pinetis montosis serotinus. *Pedem*: in sylvis *Canapiciens*: All: n. 2688.). Non edulis, pileus campanulatus umbonatus rufus squamis pilosis lacerus margine tomentosus lamellis adfixis albido-rutilis sub-distantibus, stipes crassus ventricosus rufus fibrillosus.

❋ 34. *A. Myomyces* = Pers: syn: p. 345. = Fries l. c. p. 44. Spr: syst: IV. 422. = *A. terreus* Schæff: fung: t. 64. pro var: a. *A. argyraceus* Bull: 423. f. 1. et 513. f. 2. pro var: b. *A. multiformis* Schæff: sec: Steud: (In nemoribus præsertim in pinetis Oct:-Nov: *Pedem*: in nemoribus collium *Taurin:* Balb: de crep: p. 18. et fl: taur: p. 222. Biroli fl: acon: II. p. 221. sub *A. argyraceo*. Secus viam quæ ducit ad *Montemcalerium* pro var: a et in sylvis collium *Taurin:* pro var: b Re fl: tor: II. p. 292. Ad radices arborum verno tempore All: n. 2707. sub *A. multiformi* ex Schæff:). Non edulis, pileus siccus glaber sub-squamulosus fusco-lividus vel albidus sub-irregularis lamellis sub-distantibus albidis, stipes compactus subinæqualis albidiusculus fibrillosus subinde squamosus. Variat multimode.

❋ 35. *A. tumescens* = Viv: fung: p. 35. t. 31. (*Ligur*: locis herbidis *di Arenzano, Savona, Lavagna* etc. Viv: l. c.). Medius gregarius valde venenosus, pileus hemisphæricus albicans margine reflexus la-

mellis adnatis antice acuminatis ochraceis demum pallidis, stipes farctus basi ovato-incrassatus pileo concolor annulo fugacissimo.

❀ 36. *A. graveolens* = Pers: syn: p. 361. = Fries l. c. p. 45. Spr: l. c. 428. = Ic: ? (In graminosis *German*: In apricis herbosis *Ligur*: Viv: in litt:). Pileus crassus sub-hemisphæricus fuligineo-cinereus lamellis emarginatis sordide albis, stipes solidus albidus externe sub-fibrillosus; odor et sapor fortis.

❀ 37. *A. frumentaceus* = Bull: t. 371. f. 1. = Fries l. c. p. 46. = Spr: l. c. 434. (*Gallia*, *Ligur*: cum præcedenti Viv: in litt:). Gregarius non edulis, pileus convexus obtusus glaber lutescens lamellis liberis concoloribus, stipes solidus æqualis fuligineus rufo-striatus.

❀ 38. *A. sejunctus* = Sowerb: t. 126. = Fries l. c. p. 47. Spr: syst: IV. 433. = *A. candidus* Schæff: t. 225. (In pinetis Sept:-Oct: *Pedem*: in sylvis montanis frequens All: n. 2663. Re fl: segus: p. 91. sub *A. candido*). Vix edulis, pileus sub-umbonatus siccus flavus nigrescenti-pilosus lamellis emarginatis latis stipiteque solido candidis.

❀ 39. *A. decastes* = Fries l. c. p. 49. = Spr: l. c. 423. = *A. cinerascens* Bull: t. 428. Viv: l. c. p. et t. 20. (In fagetis et quercetis Aug:-Sept: *Ligur:* secus *il Bisagno* prope *Genuam* rarus Viv: l. c.). Subcæspitosus vel solitarius, pileus inæqualis sæpe sinuatus glaber cinerascens lamellis rotundatis albis, stipes solidus albo-pulverulentus cylindricus squamulosus.

❀ 40. *A. nudus* = Bull: t. 439. = Fries l. c. p. 52. = Spr: syst: IV. 439. (In sylvis et hortis Sept:-Nov:

Pedem: in sylvis montanis Biroli fl: acon: II. p. 222. Cum: spec: p. 68.). Gregarius medius, pileus carnosus planus vel depressiusculus glaber lilacino-rufescens lamellis rotundatis latiusculis confertis, stipes solidus basi sub-incrassatus nudus.

F *Russula* (Stipes centralis nudus; pileus carnosus demum depressus; lamellæ æquales exsuccæ).

❋ 41. *A. alutaceus* = Pers: syn: p. 441. = Fries l. c. p. 55. Spr: syst: IV. 430. = Bull: t. 509. Q pro typo. *A. olivaceus* Schæff: fung: t. 204. pro var: d (In sylvis nemorosis Aug:-Sept: *Pedem*: iisdem locis All: n. 2709. sub *A. olivaceo?* In ericetis *Ligur*: Viv: in litt:). Major vix edulis, pileus sub-compactus margine demum sulcatus colore vario lamellis latis alutaceis, stipes crassus plenus. Huc videtur spectare planta All: ex descr: et syn: Schæff:, color pilei olivaceus stipitis roseo-albidus. Pariter huc referendus sec: Steud: *A. quinquepartitus* L. a Fries et Spr: omissus et a Cum: sp: p. 7. enumeratus.

❋ 42. *A. luteus* = Huds: II. p. 611. = Fries l. c. p. 55. Spr: syst: IV. 432. *A. inanis* Scop: carn: p. 411. = Ic:? (In fagetis alibique Aug:-Sept. *Pedem:* secus rivulum *di Sassi* in collibus *Taurin:* Balb: misc: alt: p. 42. In sylvis Re fl: tor: II. p. 300. sub *A. Russula luteo*). Vix edulis mediocris, pileus plano-depressus sub-viscosus flavus lævis lamellis angustis confertis æqualibus vitellinis, stipes sub-cavus tenuis elongatus albus.

✻ 43. *A. emeticus* = Schaeff: fung: t. 15. = Fries l. c. p. 56. Spr: syst: IV. 431. *A. integer* Bolt: t. 1. aliique pro typo = Fl: dan: t. 1009. pro var: a. Schaeff: t. 93. pro var: b, t. 94. pro var: c. Buxm: cent: V. t. 45. f. 2. pro var: d. Vern: *Pissacan* (Frequentissimus in sylvis æstate et autumno. *Pedem:* in sylvis apricis collium All: n. 2704. Balb: fl: taur: p. 215. sub *A. integro.* Re fl: segus: p. 91. et fl: tor: II. p. 300. sub *A. Russula emetico.* In sylvis *di Alpignano* et *della Mandria* Re app: I. p. 53. In pratis et opacis sylvis locis alpinis et subalpinis ubique Cum: spec: p. 7. sub *A. integro.* In *Ligur*: ericetis Viv: in litt: *Sabaud*: Bonjean in litt:). Causticus magnus, pileus compactus generatim rubescens sed colore varians margine demum sulcatus lamellis latis sub-distantibus candidis, stipes firmus plenus colore varius intus constanter albus. An huc referendus *A. Georgii* L. (Bull: t. 509. f. R) quem memorat All: n. 2703.? Cl: Fries illum junxit primo cum *A. gamboso* (p. 50.), deinde ad var: d *A. emetici* eundem ducit (p. 57.); in hoc pileus constanter flavus; insuper edulem esse dixit All: *A. pectinatus* Bull: t. 509. huc quoque ducitur a cl: DC. fl: fr: n. 369. sub var: *β*; in pascuis nostris vulgaris Balb: fl: taur: p. 515. Re fl: tor: II. p. 305. Biroli fl: acon: II. p. 210.

✻ 44. *A. ruber* = DC. fl: fr: n. 372. = Fries l. c. p. 58. Spr: syst: IV. 430. = *A. sanguineus* Bull: t. 42. non Wulf: (In sylvis Jul: - Sept: *Pedem*: in collibus *Taurin*: frequens Balb: misc: bot: p. 64. Re fl: tor: II. p. 289. In valle *Pisii* Cum: spec: p. 68. omnes sub *A. sanguineo.* In ericetis *Ligur*: Viv: in litt:).

Causticus magnus, pileus planiusculus rubro-sanguineus compactus lævis lamellis sub-furcatis candidis, stipes firmus albidus sæpe roseo-tinctus.

❋ 45. *A. furcatus* = Pers: syn: p. 446. = Fries l. c. p. 59. Spr: syst: IV. 433. = Buxm: cent: V. t. 47. f. 2. *A. bifidus* Bull: t. 26. (In sylvis rarus Aug: - Sept: *Pedem*: in sylvis vallis *Salicum* Balb: el: p. 10. sub *A. bifido* et *virescente*. Re fl: tor: II. p. 300. sub *A. Russula furcata*. In ericetis *Ligur*: pro var: β Viv: in litt: cum cit: ic: t. 60.). Nauseabundus magnus, pileus planiusculus sub-viridis lævis margine deflexus lamellis furcatis candidis, stipes firmus albus. Variat pileo albido (*A. lacteus* Pers:), vel sordide virescente (*A. virescens* Pers:), aut livido (*A. lividus* Pers:).

❋ 46. *A. fœtens* = Pers: syn: p. 443. = Fries l. c. p. 59. Spr: syst: IV. 432. = Viv: fung: p. 47. t. 41. *A. piperatus* Bull: t. 292. non All: (In sylvis frequens Aug: - Sept: *Pedem*: Biroli fl: acon: II. p. 210. *Ligur*: Viv: l. c.). Acris magnus, pileus convexo-depressus viscosus pallide flavus margine sulcatus lamellis connexis sub-furcatis albidis, stipes crassus cavus pileo fere concolor.

❋ 47. *A. adustus* = Pers: syn: p. 459. = Fries l. c. p. 60. Spr: syst: IV. 428. = *A. nigricans* Bull: t. 212. 370. f. 2. et 579. (In sylvis et ericetis frequens Jul: - Oct: *Pedem*: iisdem locis Biroli fl: acon: II. p. 214. Re reliq: Bellard: p. 6. sub *A. nigricante*). Major solitarius, pileus carnosus depressus olivaceus demum nigrescens lamellis inæqualibus distantibus albidis, stipes solidus sub-cylindricus albidus.

G *Galorrheus* (Stipes centralis nudus; pileus carnosus demum depressus; lamellæ inæquales lactescentes).

❋ 48. *A. controversus* = Pers: obs: II. p. 39. = Fries l. c. p. 62. Spr: l. c. 423. = Viv: l. c. t. 56. ex Auct: in litt: (In fagetis, ilicetis alibique Sept: - Oct: In pinetis *Ligur*: Viv: in litt:). Gregarius subcæspitosus meteoricus, pileus villosus albus sanguineo-maculatus zonatusque margine tomentoso lamellis confertis pallide incarnatis, stipes solidus. Acris suspectus.

❋ 49. *A. scrobiculatus* = Scop: carn: p. 450. = Fries l. c. p. 62. = Spr: syst: IV. 423. = *A. crinitus* Schaeff: t. 228. (In sylvis abiegnis humidis frequens Aug: - Oct: *Pedem*: in sylvis nemorum autumno All: n. 2692.). Suspectus magnus, pileus perlatus viscoso-villosus luteus margine barbatus lamellis lutescenti - lactifluis, stipes cavus flavus apice scrobiculato-maculatus.

❋ 50. *A. torminosus* = Schaeff: fung: t. 12. = Fries l. c. p. 63. Spr: syst: IV. 423. *A. piperatus* L. sp: 1641.? *A. necator* Bull: t. 529. f. 2. non t. 14. (In ericetis versuris locisque apricis ubique Jun: - Oct: *Pedem:* in sylvis collium Re fl: tor: II. p. 298. sub *A. lactifluo piperato.* In sylvis præsertim montanis super terram Biroli fl: acon: II. p. 211. sub *A. necatore.* In ericetis *Ligur:* Viv: in litt:). Mediocris venenosus, pileus glaber zonatus pallide rubescens margine barbatus lamellis albo-lactiferis, stipes cavus læviusculus. *A. necator* Bull: t. 14. stirps diversa sec: Fries et Viv: in litt:

❋ 51. *A. acris* = Pers: syn: p. 437. non Bull: = Fries l. c. p. 65. Spr: l. c. 424. = Bolt: t. 60. (In fagetis et nemoribus frondosis Aug: - Nov: In ericetis *Ligur*: Viv: in litt:). Pileus viscosus azonus cinereo-fuligineus lamellis flavis lacte acerrimo albido mox roseo demum flavescente, stipes farctus.

❋ 52. *A. deliciosus* = L. sp: 1641. = Fries l. c. p. 67. Spr: syst: IV. 424. = Schaeff: fung: t. 11. Viv: fung: p. 12. t. 13. *A. zonarius* Bolt: non Bull: (In pinetis frequentissimus Jun: - Nov: *Pedem:* in sylvis montanis All: n. 2678. In sylvis et ericetis vulgaris Biroli fl: acon: II. p. 211. In pinetis *Ligur*: Viv: l. c. *Sabaud*: Bonjean in litt:). Edulis, pileus depressus leviter viscosus aurantiacus mox pallidus dein virescens obsolete zonatus lamellis aurantiaco - lactifluis, stipes cavus glaber scrobiculatus.

❋ 53. *A. quietus* = Fries l. c. p. 69. = Spr: syst: IV. 425. *A. testaceus* Scop: *A. lactifluens* Schaeff: ? = Fl: dan: t. 1069. f. 2. (In sylvis autumno. *Pedem*: iisdem locis All: n. 2719. sub *A. lactifluo*. Re fl: segus: p. 91. sub eod:). Pileus obtusus lævis sub-cinnamomeus lamellis testaceo-rufescentibus lacte dulci, stipes spongiosus rufescens. Ex syn: Scop: planta All: pertinet certe ad hanc stirpem.

❋ 54. *A. subdulcis* = Bull: t. 224. = Fries l. c. p. 70. Spr: syst: IV. 425. = *A. rubescens* Schaeff: fung: t. 73. Viv: l. c. t. 57. (In sylvis æstate et autumno. *Pedem*: in sylvis apricis collium *Taurin*: Balb: de crep: p. 20. et fl: taur: p. 216. sub *A. dulci*. Re fl: tor: II. p. 299. sub *A. lactifluo subdulci* var: *rufo*. In sylvis vallis *Ticini* Biroli fl: acon: II. p. 211. sub

A. dulci. Cum præcedenti Viv: in litt:). Vix edulis, pileus depressus lævis sub-umbonatus rufescens azonus lamellis incarnatis albo - lactifluis, stipes dein cavus glaber. Variat multimode colore magnitudine et forma pilei. Huc referendus *A. telia-olens* Bellard: et Cum: spec: p. 13. prope Chartusiam *Pisii* repertus.

55. *A. plumbeus* = Bull: t. 282. et 559. f. 2. = Fries l. c. p. 73. = Spr: syst: IV. 425. (In pinetis et sylvis arenosis. *Pedem:* in sylvis collium *Taurin:* Balb: el: p. 10. Re fl: tor: II. p. 299. sub *A. lactifluo plumbeo*). Magnus acris non edulis, pileus exsuccus fusco-nigricans e convexo deflexus lamellis flavescentibus albo-lactifluis, stipes longus olivaceo-reticulatus.

❋ 56. *A. fuliginosus* = Fries l. c. p. 73. = Spr: syst: IV. 425. = *A. azonites* Bull: t. 567. f. 3. (In sylvis umbrosis passim Aug: - Oct: *Pedem:* similibus locis Balb: el: p. 3. sub *A. azonite.* In sylvis vineæ *Natalini Righini* Re fl: tor: II. p. 304. sub eod:). A priori distinguitur pileo *umbrino* magis fuliginoso, lamellis *ochraceis*, lacte ex *albo-crocato.*

❋ 57. *A. pyrogalus* = Bull: t. 529. f. 1. = Fries l. c. p. 74. = Spr: syst: IV. 425. *A. rusticanus* Scop: (In nemoribus et pratis vulgaris Aug: - Oct: *Pedem:* in sylva vineæ *Garressio* collium *Taurin*: Balb: el: p. 10. Re fl: tor: II. p. 299. sub *A. lactifluo pyrogalo.* In sylvis æstate at autumno terrestris et abundans Biroli fl: acon: II. p. 210.? In pratis *Apenninis* Viv: in litt:). Mediocris acerrimus valde suspectus, pileus exsuccus glaber planus lividus zonatus lamellis distantibus flavis copiosissime lactifluis, stipes cavus cinarescens. Vereor ne planta Biroli l. c. pertineat potius

ad *A. thejogalum* ex ic: ibi citata. An huc ducendus *A. cinnabarinus* Cum: spec: p. 14. non Bull: abiegnas sylvas vallis *Pisii* incolens? Ei similem dixit cl: Auctor, sed ex descr: differt pileo *concavo* dilute *cinnamomeo* nec zonato, lamellis *crebris*, stipite *rubro*, lacte *dulci cinnabarino*.

❋ 58. *A. flexuosus* = Fries l. c. p. 74. = Spr: syst: IV. 425. = *A. azonites* Bull: t. 559. f. 1. pro var: a (*A. umbrinus* Pers: *A. Persoonii* Otto); *A. zonarius* Bull: t. 104. A pro var: b (*A. flexuosus* Pers:). Batt: t. 16. B pro var: c (In pinetis vulgaris Jul: - Oct: *Pedem*: in nemoribus collium Balb: fl: taur: p. 216. et misc: bot: p. 64. sub *A. zonario*. Re fl: tor: II. p. 299. sub *A. lactifluo - flexuoso* excl: syn: Spr: In sylvis frequens Biroli fl: acon: II. p. 210. In *Ligur*: ericetis Viv: in litt:). Mediocris acris non edulis, pileus exsuccus glaber flexuosus colore vario ex umbrino-rufescente lamellis distantibus stipiteque brevi pallidioribus. Variat etiam pileo convexo vel depresso zonato vel azono.

❋ 59. *A. violascens* = Otto p. 34. = Fries l. c. p. 75. Spr: l. c. 425. = Ic: ? (In pinetis *Saxoniæ* Sept: In quercetis *Ligur*: orient: Viv: in litt:). Pileus depressus glaber cinereus fuligineo - zonatus lamellis albis violaceo-lactescentibus, stipes solidus lævis.

❋ 60. *A. piperatus* = L. fl: suec: ? = Fries l. c. p. 76. Spr: syst: IV. 425. = Fl: dan: t. 1132. *A. amarus* Schaeff: fung: t. 83. *A. acris* Bull: t. 200. et 538. non Fries (In sylvis passim Sept: - Oct: *Pedem*: iisdem locis All: n. 2743. excl: syn: L.? Re fl: segus: p. 91. In sylvis prope *Superga* et rivulum *di Sassi*

dictum Balb: fl: taur: p. 216. sub *A. acri.* Re fl: tor: II. p. 299. sub *A. lactifluo acri.* In sylvis vulgaris Biroli fl: acon: II. p. 210. sub *A. acri.* In valle *Pisii* Cum: spec: p. 14. et 15. sub *A. acri* et *lactifluo acri.* In sylvis collium *Taurin*: Re app: I. p. 53. sub *A. piperato. Ligur*: Viv: in litt:). Mediocris acris sapore Piperi tamen edulis, pileus rigidus glaber sub-infundibuliformis albus subinde flavescens lamellis angustibus confertis linearibus repetito - dichotomis flavescentibus albo - lactifluis, stipes crassus breviusculus firmus albidus. Huc forsan plures stirpes confusæ ab All: sc: *A. piperatus* L. sp: et L. fl: suec: *A. torminosus* Schaeff: et *necator* Bull:

H *Clitocybe* (Stipes centralis nudus; pileus carnosus junior convexus; lamellæ sub-inæquales exsuccæ variæ).

α *Lamellis postice æqualiter attenuatis acutis.*

❋ 61. *A. gilvus* = Pers: syn: p. 448. = Fries l. c. p. 80. Spr: l. c. 440. = *A. pileolarius* Sowerb: fung: t. 61. non Bull: (Inter muscos et folia in sylvis Aug:-Nov: *Ligur*: Viv: in litt:). Magnus, pileus convexus obtusus dein infundibuliformis lævis lamellis decurrentibus gilvis, stipes varius farctus sub - radicatus basi villosus.

❋ 62. *A. flaccidus* = Sowerb: t. 185. = Fries l. c. p. 81. = Spr: syst: IV. 439. *A. infundibuliformis* Schaeff: et Bull: t. 286. et 553. Viv: fung: p. et t. 5. (In sylvis vulgaris. *Pedem*: in valle *Pisii* Cum: spec:

p. 68. *Ligur*: Viv: in litt:). Solitarius major vel medius, pileus flaccidus infundibuliformis obtusus lævis colore varians ab albo ad ferrugineum lamellis decurrentibus albidis, stipes farctus basi incrassatus villosus.

❀ 63. *A. zizyphinus* = Viv: l. c. p. 21. t. 21. f. 5. 9. (In ligno putrescente in frigidariis Viv: l. c., in olivetis id: in litt:). Sub-solitarius, pileus sæpe excentricus umbilicatus tandem late infundibuliformis lævis rufus lamellis ochraceo-cinnamomeis longe decurrentibus, stipes brevis concolor.

❀ 64. *A. nebularis* = Batsch: C. II. f. 193. = Fries l. c. p. 86. Spr: l. c. 427. = *A. pileolarius* Bull: t. 400. (In pinetis alibique passim Sept:-Oct: *Pedem*: similibus locis Balb: el: p. 10. sub *A. pileolario*. Frequens in sylvis collium *Taurin*: Re fl: tor: II. p. 292. sub *A. nebulario*. In ericetis *Ligur*: Viv: in litt:). Gregarius medius vix edulis, pileus compactus lævis cinerascens pulvinatus demum umbonatus lamellis leviter decurrentibus confertis albidis, stipes farctus sursum attenuatus fibrillosus.

❀ 65. *A. fumosus* = Pers: syn: p. 348. = Fries l. c. p. 88. *A. virgatus* var: Spr: l. c. 429. = Ic:? (In sylvis Aug:-Oct: *Ligur*: cum priori Viv: in litt:). Sub-gregarius, pileus fuligineo-lividus glaber lamellis adnatis confertis, stipes farctus lævis sordide albus.

❀ 66. *A. cerinus* = Pers: syn: p. 321. = Fries l. c. p. 89. Spr: l. c. p. 431. = Ic:? (In pinetis montosis rarus Aug:-Oct: *Ligur*: in ericetis Viv: in litt:). Gregarius flavo-cerinus, pileus lævis opacus lamellis adnatis confertis, stipes brevis farctus sub-striatus.

❋ 67. *A. odorus* = Bull: t. 176. et 556. f. 3. = Fries l. c. p. 90. = Spr: l. c. 433. (In sylvis frondosis Aug: - Nov: *Pedem*: in sylvis montanis Biroli fl: acon: II. p. 219.). Statura varia odore aniseo edulis, pileus planiusculus lævis ex albo virens lamellis decurrenti-adnatis sub-confertis, stipes solidus inæqualis pileo concolor.

❋ 68. *A. candicans* = Bolt: t. 17. = Fries l. c. 91. Spr: l. c. 426. = *A. umbilicatus* Bull: t. 411. f. 2. (Inter folia decidua sylvarum. *Pedem:* similibus locis Balb: el: p. 3. sub *A. umbilicato.* In pascuis et in locis umbrosis collium *Taurinens*: Re fl: tor: II. p. 301.). Minor non edulis, pileus demum umbilicatus lævis albo-nitens lamellis adnatis demum decurrentibus, stipes elongatus fistulosus tenuis basi villosiusculus pileo concolor.

❋ 69. *A. coalescens* = Viv: fung: p. 16. t. 16. (*Ligur*: secus *il Bisagno* prope *Genuam* rarus Viv: l. c.). Minor dense cæspitosus, pileus obtuse conicus demum planescens griseus margine reflexus repando-hirsutus lamellis connatis albis, stipites farcti in massam carnosam basi confluentes cylindrici elongati subincurvi albi; graveolens valde suspectus.

❋ 70. *A. œdematopus* = Schaeff: t. 259. = Fries l. c. p. 96. = *A. fusiformis* Bull: t. 76. *A. OEdipus* Spr: l. c. 431. (In sylvis vere et autumn: *Pedem*: in valle *Pisii* Cum: p. 68. sub *A. fusiformi*). Medius subcæspitosus, pileus conicus pulverulentus rufus lamellis decurrentibus, stipes farctus circa medium valde ventricosus et reapse fusiformis pileo concolor.

❋? 71. *A. hebepodius* = Fries l. c. p. 97. = Spr:

l. c. 427. = Michel: t. 79. f. 1. (In sylvis *Ital*: Oct:). Magnus cæspitosus, pileus inæqualis lævis umbilicatus griseus lamellis longe decurrentibus stipiteque lanuginoso-albis.

❀ 72. *A. virgineus* = Pers: syn: p. 456. = Fries l. c. p. 100. = Spr: l. c. 426. *A. ericeus* Bull: t. 188. pro var: a. Wulf: in Jacq: coll: II. t. 15. f. 1. pro var: b (In ericetis et pratis muscosis ubique Sept: - Nov: In claustris Chartusiæ *Pisii* frequens æstivo tempore in pratis Cum: spec: p. 5. In ericetis Biroli fl: acon: II. p. 217. sub *A. ericeo*. In pinetis *Ligur*: Viv: in litt:). Mediocris edulis sub-gregarius, pileus tenuis humidus demum umbilicatus sub-viscosus albus lamellis distantibus decurrentibus venoso-connexis, stipes tenuis glaber pileo concolor fistulosus in var: a, solidus farctus in var: b; ad hanc pertinet planta Cum:

❀ 73. *A. pratensis* = Pers: syn: p. 304. = Fries l. c. p. 99. Spr: l. c. 432. = *A. ficoides* Bull: t. 587. f. 1. (In pratis alibique. Similibus locis Biroli fl: acon: II. p. 218. sub *A. ficoideo* non sub *pratensi*. In pratis *Ligur*: Viv: in litt:). Vix differt a priori pileo *sub - compacto* sæpe *fulvo - rufescente*, lamellis *crassioribus*, stipite *breviori* constanter *farcto*. Ceterum valde varians et vix certa diagnosi determinandus. *A. pratensis* Bellard: pertinet ad *campestrem* ex syn:

❀ 74. *A. psittacinus* = Schaeff: fung: t. 301. = Fries l. c. p. 102. Spr: l. c. 434. = *A. chamæleo* Bull: t. 545. f. 1. (In pratis Sept: - Nov: *Pedem:* in sylvis *Stupinixii* et in collium nemoribus Balb: el: p. 3.

et fl: taur: p. 221. sub *A. Cameleon.* Re fl: tor: II. p. 291. sub *A. psittacino.* In collibus *di Ameno* et *al Margozzo* Biroli fl: acon: II. p. 219. sub *A. Cameleon*). Gregarius sub-parvus non edulis, pileus viscosus luteo-viridi variegatus campanulato-expansus sub-umbonatus lamellis sub-distantibus crassis, stipes elongatus æqualis lævis demum fistulosus.

❋ 75. *A. conicus* = Schaeff: fung: t. 2. = Fries l. c. p. 103. Spr: l. c. 432. = *A. croceus* Bull: t. 50. et 524. f. 3. non All: (In pratis elatioribus muscosis alibique frequentissimus Maj: - Oct: *Pedem*: in sylvis inter *S. Ambrogio* et *S. Michele della Chiusa* All: n. 2677. pro var: d. Re fl: segus: p. 92. Ubique in pratis et in sylvis Re fl: tor: II. p. 289. Bale: el: p. 3. Biroli fl: acon: II. p. 221. omnes sub *A. croceo*). Mediocris non edulis sub-solitarius, pileus conicus plus minus acutus irregulariter sub-lobatus viscosus ex aurantiaco ad nigrescentem lamellis ventricosis, stipes cylindricus elongatus striatus; fractus nigrescit. Huc videtur referendus *A. fastigiatus* Schaeff: quem cl: All: n. 2731. in humidis sylvis inveniri tradit. *A. croceus* All: pertinet ad *cinnamomeum* Fries.

❋ 76. *A. coccineus* = Pers: syn: p. 334. = Fries l. c. p. 105. Spr: l. c. 433. = *A. scarlatinus* Bull: t. 570. f. 2. *A. miniatus* Scop: carn: ed: 2. n. 1524. (In pratis collibus et sylvis frequens Aug: - Oct: *Pedem*: in pascuis montanis All: n. 2672. sub *A. miniato* ex Scop: In horto magno *Valentini* Bale: fl: taur: p. 222. et Re fl: tor: II. p. 291. Ad rupes secus vias *della Bicocca* et in sylvis *della Vesca* Biroli fl: acon:

II. p. 220. *Ligur*: Viv: in litt: *Sabaud*: Bonjean in litt:). Mediocris non edulis gregarius coccineus, pileus sub - membranaceus expansus demum depressus viscosus lamellis adnatis dente decurrente connexis adultis versicoloribus, stipes compressus coccineus basi flavescens. Forsan hic 2. stirpes confusæ a nostratibus sc: *A. coccineus* Pers: et *coccineus* Bull: (*A. puniceus* Fries l. c. p. 104.), qui tamen vix differt pileo *lobato*, lamellis *flavis*, stipite *ventricoso* basi *albo*; ad hunc videtur referendus *A. coccineus* Scop: l. c. n. 1503. quem cl: Cum: (spec: p. 5.) reperiit in irriguosis muscosis montanis et subalpinis vallis *Pisii*, sed de utroque syn: silent Fries et Spr:

❀ 77. *A. Cumini* = Nob: = *A. miniatus* Cum: spec: p. 4. t. 1. f. 1. dexter: non alior: (In herbidis muscosis claustri Chartusiæ *Pisii* Oct: Cum: l. c.). Stirps hæc videtur omissa ab Auctoribus; nomen immutavi ne confundatur cum *A. miniato* aliorum, a quo valde differt ceu liquet ex diagnosi Auctoris: » pileo convexo 1-2-pollicari albo-flavescente punctis » fulvo-rubentibus notato, lamellis albis teneris, sti- » pite fistuloso sæpe incurvato albescente circa lamel- » las flavo-rubescente a medio ad radicem usque squa- » mulis tenuibus araneosis albis rariter obtecto. » Velum in prima ætate habet araneosum fugax; ergo ne ad *Tricholomata* amandandus? sed lamellas *emarginatas* non dixit nec pinxit cl: Auct:

❀ 78. *A. puniceus* = Fries l. c. p. 104. = Spr: l. c. 431. = *A. coccineus* Bull: t. 202. non Pers: (In sylvis vulgaris Aug: - Oct: *Ligur*: Viv: in litt:). Pi-

leus campanulatus obtusus lobatus aurentio-coccineus lamellis adfixis flavis, stipes crassus farctus dein cavus flavescens basi albus.

❋? 79. *A. spadiceus* = Scop: carn: ed: 2. n. 1526. = Fries l. c. p. 106. inter species inquirendas = Schaeff: fung: t. 60. sec: All: n. 2724.? (In sylvis *Canapiciens*: All: l. c.). Planta mihi dubia. Cl: Fries synon: All: non citat sed tantum Scop:; e contra All: non memorat Scop:; attamen ex eorum phrasibus stirps eadem adparet; illam non vidi.

ß Lamellis postice inæqualibus.

❋ 80. *A. laccatus* = Scop: carn: ed: 2. n. 1530. = Fries l. c. p. 106. Spr: l. c. 431. = Schaeff: fung: t. 13. *A. amethystinus* Bull: t. 570. f. 1. (Ad terram præsertim humosam locis umbrosis vulgatissimus Jun:-Nov: *Pedem*: in sylvis *Canapic:* All: n. 2690. In sylvis vallis *Segus:* Re fl: segus: p. 92. In castanearum sylvis modo solitarius modo geminus Cum: spec: p. 8. In umbrosis herbidis *Ligur*: Viv: in litt: *Sabaud*: Bonjean in litt:). Gregarius non edulis mediocris, pileus sub-carnosus squamulosus rimulosus a carneo-roseo ad obscure violaceum lamellis distantibus latis arcuato-sub-decurrentibus, stipes elongatus tenax sub-fibrillosus basi sub-incrassatus. Ex vario pilei colore huc spectant *A. carneus* et *rubellus* Schaeff:, *farinaceus* Huds:, *yooides* Vill:, *sub-carneus* et *rosellus* Batsch:; hic crescit quoque in *Pedem*: sec: Balb: el: p. 3. et gaudet pileo carneo sicco sub-ochraceo; huc pertinet etiam *A. amethystinus* Balb: el: p. 3. Biroli fl: acon:

II. p. 218. *A. fasciatus* Schæff: omissus a Fries et Spr: quem enumerat All: n. 2720. ad *laccatum* pariter referendus monente Steud: *A. rubellus* Schaeff: pariter indigenus All: n. 1689.

❋ 81. *A. jonides* = Bull: t. 533. f. 3. = Fries l. c. p. 107. = *A. joïdes* Spr: l. c. 430. (In *Gallia.* In umbrosis herbosis *Ligur*: Viv: in litt:). Pileus carnosus e campanulato planus rubellus lamellis arcuato-adnatis albidis, stipes solidus sursum attenuatus glaber roseus.

❋ 82. *A. arcuatus* = Bull: t. 443. et 589. f. 1. = Fries l. c. p. 109. = Spr: l. c. 431. (*Gallia* ad terram autumn: *Pedem*: in collibus præsertim in sylvis maxime varians magnitudine forma et colore Biroli fl: acon: II. p. 219.). Pileus carnosus expansus testaceus sub-rufescens lamellis arcuato-decurrentibus pallidioribus, stipes farctus striatus basi incrassatus sæpe rufo-virgatus. Huc pertinet *A. ovinus* Bull: sec: Spr: l. c. 431. idem ac *A. arcuatus* ejusdem Auct: enumeratus a Cum: sp: p. 68.; diversum tamen existimat Fries l. c.

❋ 83. *A. sulphureus* = Bull: t. 168. et 545. f. 2. = Fries l. c. p. 110. = Spr: l. c. 433. (In nemoribus etiam ad terram frequens Sept: - Oct: *Pedem:* in sylvis prope *Superga* et secus *il Rio di Sassi* Balb: el: p. 10. et fl: taur: p. 221. Re fl: tor: II. p. 290. In nemoribus montanis autumno Biroli fl: acon: II. p. 220. In valle *Pisii* Cum: spec: p. 68. *Ligur:* Viv: in litt:). Sub-gregarius mediocris fœtidus, pileus carnosus sub - umbonatus leviter sericeus sulphureus lamellis arcuato-adnatis remotiusculis stipiteque farcto æquali concoloribus.

❀ 84. *A. nitens* = Pers: syn: p. 359. = Fries l. c. p. 116. = Batsch: C. 2. f. 192. *A. camarophyllus* Spr: l. c. 429. ex Alb: et Schw: (In montosis siccis autumn: *Genuæ* in ericetis Viv: in litt:). Pileus subcarnosus irregularis rugulosus nigrescenti - umbrinus lamellis ventricosis glauco-cinereis, stipes brevis albicans.

❀ 85. *A. platyphyllus* = Pers: syn: p. 302. = Fries l. c. p. 117. Spr: l. c. 427. = *A. grammocephalus* Bull: t. 594. (Ad truncos præsertim Fagi Jul: - Oct: In ericetis *Genuæ* Viv: in litt:). Magnus fragilis, pileus sub-carnosus planus cinereo-albidus lamellis latissimis distantibus albis, stipes farctus æqualis striatus radicatus lamellis concolor.

χ *Lamellis postice æqualibus obtusis.*

❀ 86. *A. radicatus* = Relh: cant: 1040. = Fries l. c. p. 118. Spr: l. c. 428. = *A. longipes* Bull: t. 232. 515. *A. macrurus* α Scop: (In sylvis circa truncorum radices vulgaris Jun: - Sept: *Pedem*: in sylvis collium *Taurin:* Balb: de crep: p. 21. et fl: taur: p. 221. In nemoribus montanis Biroli fl: acon: II. p. 220. Cum: spec: p. 68. omnes sub *A. longipede. Sabaud:* Bonjean in litt:). Non edulis magnitudine et colore varius, pileus rugosus glutinosus obtuse umbonatus lamellis adfixis candidis margine fuscescentibus, stipes valde elongatus sursum æqualiter attenuatus fusiformi - radicatus. Huc referendus *A. pudens* Re fl: tor: II. p. 290.

❋ 87. *A. velutipes* = Curt: lond: IV. t. 70. = Fries l. c. p. 119. Spr: l. c. 433. = *A. nigripes* Bull: t. 344. et 519. f. 2. (In arborum truncis speciatim salicum copiose Oct: - Mart: *Pedem:* similibus locis Balb: misc: bot: p. 64. et fl: taur: p. 218. sub *A. nigripede.* Re fl: tor: II. p. 290. Supra arborum cæsarum stipites Acerum præsertim et Cerasorum Cum: spec: p. 9. *Sabaud:* Bonjean in litt:). Gregarius magnitudine varius non edulis, pileus tenuis mollis planiusculus repandus glutinosus fulvus lamellis ventricosis albidiusculis dein luteis, stipes brevis incurvus inæqualis velutinus nigrescens.

❋ 88. *A. fusipes* = Bull: t. 106. et 516. f. 2. = Fries l. c. p. 120. Spr: l. c. 430. = *A. crassipes* Schaeff: fung: t. 87. 88. pro var: a (In sylvis ad truncos frequens Jul: - Nov: *Pedem*: in sylvis collium Balb: fl: taur: p. 221. In sylvis *Villastellone* admodum frequens Balb: de crep: p. 20. Ad truncos putrescentes Re fl: tor: II. p. 290. Ad castanearum caudices Cum: spec: p. 6. In sylvis montanis et collinis Biroli fl: acon: II. p. 219. In sylvis *Canapic*: ad radices arborum All: n. 2713. sub *A. crassipede. Ligur*: Viv: in litt: *Sabaud*: Bonjean in litt:). Gregarius colore et magnitudine varius edulis, pileus carnosus laxus convexus margine inflexus lamellis sæpius liberis serratis, stipes firmus elongatus ventricosus sulcatus glaber basi attenuatus radicatus.

❋ 89. *A. contortus* = Bull: t. 36. = Fries l. c. p. 122. = Spr: syst: IV. 429. (Ad arborum truncos in *Gallia* æstate. *Pedem*: in sylvis *Venariæ* Balb: fl: taur: p. 221. Re fl: tor: II. p. 304. In umbrosis *di*

Ameno æstate Biroli fl: acon: II. p. 220. *Ligur*: ad truncos castanearum Viv: in litt:). Cæspitosus mediocris edulis, pileus carnosus convexus sub-umbonatus badio-fuscus lamellis liberis fragilibus albis, stipes cylindraceus elongatus contortus farctus glaber spadiceus.

❋ 90. *A. collinus* = Scop: carn: II. p. 432. = Fries l. c. p. 124. Spr: l. c. 429. = *A. arundinaceus* Bull: t. 403. f. A (In pascuis Sept: - Oct: *Pedem*: in pratis siccis *dell'Arbogna* autumn: frequens Biroli fl: acon: II. p. 215. sub *A. arundinaceo*). Medius subsolitarius, pileus sub-carnosus campanulato-planiusculus badius rubescenti - longitudinaliter maculatus lamellis liberis, stipes elongatus æqualis cylindraceo-compressiusculus fistulosus lævis pileo concolor.

❋ 91. *A. canthopus* = Fries l. c. p. 124. = Spr: l. c. 432. = *A. tremulans* Batsch: f. 209.? (In pinetis Aug: - Oct: rarus. *Ligur*: similibus locis Viv: in litt:). Pileus sub-carnosus sub-umbonatus lævis flavopallescens lamellis liberis latiusculis, stipes fistulosus æqualis luteus.

❋ 92. *A. dryophilus* = Bull: t. 434. = Fries l. c. p. 124. Spr: l. c. 432. = *A. ochraceus* Schaeff: (Ubique in sylvis Maj: - Oct: *Pedem*: in valle *Pisii* Cum: spec: p. 68. In pinetis *Ligur*: Viv: in litt:). Solitarius vel cæspitosus statura varia, pileus sub-carnosus explanatus lævis colore vario lamellis sub-liberis, stipes fistulosus glaber lutescens elongatus basi incrassatus.

❋ 93. *A. aquosus* = Bull: t. 17. = Fries l. c. p. 125. = *A. melleus* Schaeff: fung: t. 45. *A. dryophi-*

lus var: Spr: l. c. 432. (In sylvis umbrosis inter muscos æstatis fine. *Pedem*: in radicibus ad truncos arborum ALL: n. 2706. sub *A. melleo*). Parvulus aquosus mollis non edulis, pileus planiusculus albo-lutescens margine striatus lamellis liberis fragilibus leviter serratis, stipes erectus fistulosus fulvus fibrillas emittens radiculatas.

❀ 94. *A. hariolorum* = Bull: t. 585. f. 2. = Fries l. c. p. 125. Spr: l. c. 432. = *A. sagarum* Pers: syn: p. 182. (*Gallia* inter folia putrida. *Pedem*: in valle *Pisii* CUM: spec: p. 68.). Priori valde affinis, sed differt sapore *grato*, pileo *alutaceo-pallido*, lamellis *confertioribus integris*, stipite toto *hirsuto* deorsum *incrassato*.

❀ 95. *A. oreades* = Bolt: t. 151. = Fries l. c. p. 127. = Viv: l. c. p. 23. t. 24. f. 1. 6. *A. oreas* Spr: l. c. 430. (In graminosis Maj: - Nov: *Ligur*: in pratis montanis VIV: l. c.). Pileus carnosus tenax subumbonatus pallide rufus lamellis distantibus, stipes solidus villoso-corticatus pallidus.

❀ 96. *A. porreus* = Fries l. c. p. 128. = Spr: l. c. 427. = *A. alliaceus* Bull: t. 158. et 524. f. 1. non Jacq: (In sylvis frequens præcipue in foliis emortuis Quercus Oct: - Nov: *Pedem*: similibus locis BALB: el: p. 3.). Parvus allium redolens, pileus sub-carnosus lævis ex albido-lutescens, lamellis sub-liberis concoloribus, stipes fistulosus longus sensim versus basim crassiusculus tomentoso-rufescens radicatus.

❀ 97. *A. planeus* = Fries l. c. = Spr: l. c. 427. = Ic: ? (In sylvis frondosis inter folia. *Ligur*: similibus locis VIV: in litt:). Vix differt ab *A. oreade*

pileo *obtuso*, stipite *sub - cavo compresso albido - villoso.*

I *Collybia* (Stipes centralis nudus; pileus carnoso - membranaceus planiusculus. Fungi parvi aridi).

❋ 98. *A. esculentus* = Wulf: in Jacq: coll: II. t. 14. f. 4. = Fries l. c. p. 131. Spr: l. c. 436. = *A. clavus* L. sp: 1644. non Bull: *A. perpendicularis* Bull: t. 422. f. 2. sec: Fries (In ericetis pascuis frequens Apr: - Maj: *Pedem*: in nemoribus sterilibus All: n. 2711. Re fl: segus: p. 91. et fl: tor: II. p. 294. Biroli fl: acon: II. p. 216. omnes sub *A. clavo*. *A. perpendicularis* Balb: el: p. 3. Biroli fl: acon: II. p. 216. *Sabaud:* Bonjean in litt: sub *A. esculento*). Gregarius vix edulis, pileus obtusus sub-fuscus lamellis adnexis laxis albis, stipes elongatus fistulosus glaber flavescens longe et perpendiculari radicatus. Hic forsan duæ species confusæ vel commutatæ a Botanicis nostratibus, sc: *A. esculentus* et *A. clavus* Bull: uti patet ex syn: ab ipsis citatis; stirpes quas vidi pertinent reapse ad *esculentum*; in *A. clavo* Bull: color pilei est croceo-ruber, stipes magis elongatus fere filiformis vix ac ne vix quidem radicatus, ac crescit ad ramulos aridos non in pascuis ad terram. Enumeratur a Cum: spec: p. 68. *Ligur*: inter folia emarcida Viv: in litt: *Sabaud*: Bonjean in litt:

❋ 99. *A. tenacellus* = Pers: ic: pict: 2. 1. n. 2. = Fries l. c. = Spr: l. c. (In pinetis frequens Sept: - Nov: *Sabaud*: Bonjean in litt:). Vix differt a priori.

colore *pallidiori*, stipite *longiore* basi *villoso.*

❋ 100. *A. ramealis* = Bull: t. 336. = Fries l. c. p. 135. = Spr: l. c. 437. (In ramis aridis emortuis copiose autumn: *Pedem:* in emarcidis arborum truncis Balb: el: p. 10. Re fl: tor: II. p. 293. *Sabaud*: Bonjean in litt:). Gregarius minimus, pileus sub-carnosus planiusculus demum ruguloso-depressus albido-rufescens lamellis adnatis albis, stipes erectus linearis sub-fistulosus furfuraceo-squamulosus pileo concolor.

❋ 101. *A. amadelphus* = Bull: t. 550. f. 3. = Fries l. c. p. 135. = Spr: l. c. 438. (In arborum truncis. *Pedem*: ligno putrido in collibus *Taurinens*: Balb: fl: taur: p. 220. et de crep: p. 18. Re fl: tor: II. p. 304. Ad corticem arboris putrescentis in collibus *di Vergnano* Biroli fl: acon: II. p. 217.). Habitus prioris, a quo distinguitur pileo *fulvo-pallido*, lamellis *rufescentibus*, stipite breviori *incurvo albido* basi *sub-pubescente.*

❋ 102. *A. Rotula* = Scop: fl: carn: ed: 2. n. 1569. excl: syn: Michel: = Fries l. c. p. 136. Spr: l. c. 439. = *A. androsaceus* Bull: t. 64. et 569. f. 3. non L.? (In sylvis præsertim frondosis ad folia stipites et truncos ubique perennis. *Pedem*: ad ulmorum corticem All: auct: p. 53. Ad stipites folia decidua frequens Balb: fl: taur: p. 218. sub *A. androsaceo.* Re fl: tor: II. p. 59. sub *A. Rotula.* In sylvis uliginosis Biroli fl: acon: II. p. 215. sub *A. androsaceo*). Gregarius sæpius cæspitosus parvus, pileus convexulus umbilicatus margine crenulatus plicatus ex albido-flavo pallescens lamellis adnatis sub-æqualibus, stipes filiformis valde elongatus nigrescens glaber interdum pro-

lifero-racemosus ut in icone Bull: 569. f. 3. Q. Sæpius confusus ab Auctoribus cum seq:

❋ 103. *A. perforans* = Hoffm: nomencl: fung: t. 4. f. 2. = Fries l. c. p. 138. Spr: l. c. 437. = *A. androsaceus* Schæff: t. 239. (In foliis abietis All: n. 2696. sub *A. androsaceo* excl: syn: L. et Bocc: In pascuis supra folia et radices herbarum emortuarum Re fl: segus: p. 91.). Vix differt a priori pileo *planiusculo pallescente*, lamellis plurimis *dimidiatis*, stipite *lævi velutino*. Planta All: et Re pertinere videtur ad hanc speciem ex syn: Schæff: non ad præcedentem.

❋ 104. *A. androsaceus* = L. fl: suec: 1193. = Fries l. c. p. 137. Spr: l. c. 434. = *A. epiphyllus* Bull: t. 569. f. 2. (In foliis deciduis pini sylvestris præsertim perennans. *Pedem*: in emortuis foliis tam sylvarum planitiei quam collium *Taurin*: Balb: fl: taur: p. 219. et de crep: p. 20. Re fl: tor: II. p. 305. *Sabaud*: Bonjean in litt: omnes sub *A. epiphyllo*). Stirps Linnæana adhuc obscura ex ipso Fries l. c. in obs: Medium tenere videtur inter duas præcedentes, pileus margine *vix sinuatus* nec crenulatus ut in *Rotula*, lamellæ *simpliciores*, stipes *sulcatus glaberrimus* ex quo præcipue distinguitur a *perforante*.

K *Mycena* (Stipes centralis nudus fistulosus; pileus membranaceus campanulatus. Fungi graciles non edules).

❋ 105. *A. alliaceus* = Jacq: obs: p. 100. austr: t. 82. non Bull: = Fries l. c. p. 141. Spr: l. c. 436.

= Fl: dan: t. 1251. (In sylvis inter folia rarius ad ligna Jul: - Nov: *Pedem:* in sylvis apricis All: n. 2698. excl: syn: Schæff: In sylvis vallis *Ticini* locis uliginosis autumn: Biroli fl: acon: II. p. 215. *Sabaud:* Bonjean in litt:). Parvulus odore alliaceo persistente, pileus sub-umbonatus fuscescens læviusculus lamellis liberis albidis, stipes elongatus exsuccus velutino-nigrescens superne attenuatus basi incurvus radicatus. Syn: Schæff: ab All: citatum pertinet ad *A. scorodonium* Fries p. 130. inter *Collybias genuinas*, nec scio enasci in *Pedem: A. alliaceus* Bull: pertinet ad *porreum* n. 96.

❋ 106. *A. filopes* = Bull: t. 320. = Fries l. c. p. 142. Spr: l. c. 436. (Locis humidis sylvarum frequens. *Pedem*: in valle *Pisii* Cum: spec: p. 68.). Minor sub-cæspitosus, pileus obtusus striatus livido-fuscus lamellis ventricosis liberis albis, stipes filiformis longissimus lævis radicatus basi et radice pilosis.

❋ 107. *A. galericulatus* = Scop: carn: ed: 2. n. 1594. = Fries l. c. p. 143. Spr: l. c. 435. = Schæff: fung: t. 52. *A. fistulosus* Bull: t. 518. excl: H P. *A. campanulatus* L. sec: Fries et Spr: (In truncis vulgatissimus. *Pedem*: in lignis putridis All: n. 2702. Balb: misc: bot: p. 66. et fl: taur: p. 219. sub *A. fistuloso*. Biroli fl: acon: II. p. 216. sub eod: *Ligur*: in sylvis ericetosis Viv: in litt:). Cæspitosus inodorus exsuccus valde varians, pileus plus minus striatus fuscescens lamellis pallidis adnatis dente decurrente, stipes elongatus lævis tenax basi radicatus strigosus. Huc refert Steud: *A. plicatum* Schæff: a Fries omissum et ab All: n. 2665. enumeratum tamquam in-

digenum in montanis inter Muscos. An huc quoque vel ad *A. rosellum* Fries p. 151. pertineat *A. roseus* Re fl: tor: II. p. 294., valde dubito; ex syn: Bull: ab ipso citato (*A. fistulosus*) hic certe retinendus; sed phrasis magis quadrat cum *rosello*; dolet cl: Re nomen Auctoris *A. rosei* omisisse dum quatuor extant species sub eodem nomine. Conf: Steud:

❋ 108. *A. muscigenus* = Fries l. c. p. 145. = Spr: l. c. 434. *A. trichopus* Scop: = Ic: ? (Ad truncos arborum muscosos. *Ligur:* cum præcedenti Viv: in litt:). Solitarius vel gregarius tenellus albus, pileus hemisphæricus lævis lamellis sub-confertis linearibus, stipes setaceus obsolete fistulosus flaccidus.

❋ 109. *A. sanguinolentus* = Cum: spec: p. 6. = Fries l. c. p. 149.? = Spr: l. c. 437.? (In paludosis sylvaticis nemoribus humidis passim Aug: - Oct: *Pedem*: in sylvis abietum autumno non frequens Cum: l. c.). Phrasis Cum: videtur quadrare cum phrasi Fries; plantam non vidi.

❋ 110. *A. strobilinus* = Pers: syn: p. 393. = Fries l. c. p. 150. Spr: l. c. 437. = *A. coccineus* Sowerb: fung: t. 197. non alior: (In sylvis umbrosis ad ramulos Aug: - Nov: *Ligur*: in fagetis Viv: in litt:). Gregarius sub-fascicularis, pileus campanulatus acute umbonatus coccineus margine striatus lamellis adnatis margine obscurioribus, stipes fistulosus rigidulus basi albo-strigosus.

❋ 111. *A. Adonis* = Bull: t. 560. f. 2. = Fries l. c. p. 152. Spr: l. c. 437. (In sylvis ad terram Sept: - Nov: *Pedem*: in sylvis collium *Taurin*: æstate Balb: misc: p. 65. et fl: taur: p. 219. Re fl: tor: II.

p. 294.). Cæspitosus minimus, pileus obtusus lævis ex albo-roseus vel flavescenti-viridis lamellis adnatis albis, stipes elongatus erectus lævis glaber arrhizus.

❀ 112. *A. lacteus* = Pers: syn: p. 394. = Fries l. c. p. 152. Spr: l. c. 474. = *A. nanus* Bull: t. 563. excl: f. S (In ericetis pinetis ad folia vulgaris Jul: - Nov: *Pedem*: in lignis putridis collium *Taurin*: Re fl: tor: II. p. 294.). Gregarius nanus varius, pileus subumbonatus striatus sæpius lacteus lamellis adfixis distinctis adscendentibus, stipes longiusculus lævis vel basi hirsutiusculus. *A. pumilus* Biroli fl: acon: II. p. 216. huc videtur referendus tum ex descr: tum ex fig: Bull: t. 563. ab ipso citata; an idem dicendum de planta Cum: spec: p. 68. sub eodem nomine sine ulla indicatione?

❀ 113. *A. purus* = Pers: syn: p. 339. = Fries l. c. p. 151. Spr: l. c. 437. = *A. roseus* Bull: t. 162. et 507. non Pers: (In sylvis ubique. *Pedem*: in valle *Pisii* Cum: spec: p. 68. sub *A. roseo* ex Bull:). Gregarius sæpe magnus, pileus carnosus membranaceus obtusus sæpius roseus attamen valde varians lamellis rotundatis ventricosis fere reticulatis pallidioribus, stipes plerumque elongatus lævis basi incrassatus ibique valde villosus.

❀ 114. *A. epipterygius* = Scop: carn: ed: 2. p. 455. = Fries l. c. p. 155. Spr: l. c. 438. = *A. flavipes* Schæff: fung: t. 31. *A. plicatus* Gmel: Balb: non Curt: nec Lightf: (Ad terram muscosam Aug: - Nov: *Pedem*: frequens in sylvis tam collium *Taurin*: quam planitiei Re fl: tor: II. p. 293. Balb: misc: alt: p. 63. sub *A. plicato*). Sub - cæspitosus parvus, pileus obtusus

striatus cinereo-cæsius sub-viscosus lamellis adnatis distantibus albidis, stipes sulphureus viscidus.

❋ 115. *A. citrinellus* = Pers: ic: et descr: t. 11. f. 3. = Fries l. c. p. 155. Spr: l. c. 438. = *A. tenellus* Batsch: f. 88. var: (In pinetis inter folia strobilos etc. Sept:-Nov: *Ligur:* iisdem locis Viv: in litt:). Gregarius parvus, pileus umbonatus striatus citrinus sub-viscosus lamellis uncinatis albis, stipes brevis filiformis basi fibrillosus.

❋ 116. *A. vulgaris* = Pers: syn: p. 394. = Fries l. c. p. 156. Spr: l. c. 435. = *A. cucullatus* Fl: dan: t. 1678. f. 2. (Cum priori. *Ligur*: Viv: in litt:). A priori colore *cinereo*, pileo demum *depresso*, lamellis *decurrentibus* vix distinguitur.

❋ 117. *A. corticola* = Pers: syn: p. 394. = Fries l. c. p. 159. Spr: l. c. 476. = *A. corticalis* Bull: t. 519. f. 1. (Ad cortices arborum ubique Oct:-Febr: *Pedem*: præsertim ad corticem Ulmi campestris post ingentes pluvias autumnales Balb: misc: bot: p. 67. et fl: taur: p. 219. sub *A. corticali*. In caudice et in rimis corticis Quercus aut Salicum adhuc vivarum Re fl: tor: II. p. 295. sub *A. corticola*. *Sabaud*: Bonjean in litt:). Pusillus fugax, pileus tenuis hemisphæricus dein umbilicatus striatus colore vario lamellis uncinato-decurrentibus distantibus, stipes linearis breviusculus incurvus glaber.

L *Omphalia* (Stipes centralis nudus; pileus membranaceus vel carnoso-membranaceus junior umbilicatus. Varii).

α *Pileo sub-membranaceo; lamellis decurrentibus* (Myconaria).

❋ 118. *A. pyxidatus* = Bull: t. 568. f. 2. = Fries l. c. p. 164. Spr: l. c. 164. (Ad terram locis montosis et campestribus ubique Maj: - Nov: *Pedem*: in collibus *Taurin*: Balb: misc: bot: p. 64. et fl: taur: p. 220. Re fl: tor: II. p. 301. In umbrosis collium sæpe occurrit Biroli fl: acon: II. p. 218.). Parvulus sed magnitudine varians, pileus infundibuliformis lævis glaber testaceo-rufescens lamellis angustis, stipes erectus longiusculus junior farctus dein cavus basi incrassatus albido-villosus.

❋ 119. *A. ericetorum* = Pers: syn: p. 472. non Bull:? = Fries l. c. p. 165. Spr: l. c. 439. = *A. pseudo-androsaceus* Bull: t. 276. (Ad terram præcipue locis uliginosis in ericetis præsertim Maj: - Nov: *Pedem:* in sylvis prope *Superga* Balb: fl: taur: p. 220. Re fl: tor: II. p. 302. In sylvis montanis Biroli fl: acon: II. p. 219. Inter muscos frequens Balb: de crep: p. 22. sub *A. pseudo-androsaceo.* Biroli fl: acon: II. p. 217. sub eod: *Ligur*: ad truncos Fagorum Viv: in litt:). Pumilus multimode varians, pileus sub-turbinatus planiusculus umbilicatus striatus plerumque albus vel stramineus lamellis distantibus postice latissimis albis, stipes breviusculus æqualis farctus basi pu-

bescens. *A. ericetorum* Bull: t. 188. et 551. f. 1. a Balb: et Biroli citatis videtur potius var: *A. eburnei* ex observationibus cl: DC. fl: fr: n. 175. Ad *A. ericetorum* pertinet *A. umbiliferus* L. et All: n. 2670.

❀ 120. *A. campanella* = Batsch: = Fries l. c. p. 166. Spr: l. c. 440. = *A. fragilis* Schæff: fung: t. 230. (Ad truncos in pinetis; ibi ad terram pro var: *β. Ligur:* Viv: in litt:). Sub-cæspitosus parvulus, pileus convexus umbilicatus striatus ferrugineus lamellis flavescentibus, stipes fistulosus spadiceus deorsum villosus.

❀ 121. *A. Epichysium* = Pers: ic: pict: t. 13. f. 1. = Fries l. c. p. 169. Spr: l. c. 441. (Ad truncos præsertim Salicis, Fagi, Castaneæ. *Ligur*: Viv: in litt:). Tener cinereo - nigrescens, pileus infundibuliformis striatus lamellis linearibus, stipes sub-farctus æqualis basi villosus.

β Pileo carnoso-membranaceo, lamellis adnatis (Collybaria).

❀ 122. *A. metachrous* = Fries l. c. p. 172. Spr: l. c. 479. = *A. cyathiformis* Bull: t. 248. nec t. 575. 568. f. 1. nec alior: *A. discolor* Pers: syn: p. 462. (Ad terram præsertim in pinetis densis vulgatissimus Sept: - Dec: *Pedem*: in horto magno *Valentini* Balb: misc: bot: p. 64. et fl: taur: p. 220. excl: t. 575. Bull: In nemoribus collium Biroli fl: acon: II. p. 218. excl: pariter t. 575. et 568. f. 1. Bull: ambo sub *A. cyathiformi*). Stirps fallacissima, pileus sub-convexus glaber lævis cinereus dein planiusculus lividus lamel-

lis confertis non decurrentibus postice subinde secedentibus, stipes mediocris æqualis nunc teres nunc compressus sursum pruinosus. *A. cyathiformis* All: ex Schæff: pertinet ad *A. involutum.*

❀ 123. *A. cyathiformis* = Bull: t. 575. et 568. f. 1. = Fries l. c. p. 173. Spr: l. c. 440. = *A. infundibuliformis* Leyss: *A. tardus* Pers: (Ubique ad terram et truncos mucidos Aug: - Nov: *Pedem*: cum priore Cum: spec: p. 68. Prope *Valentinum* Re fl: tor: II. p. 301. sub *A. tardo*). Facillime cum præcedenti confunditur, sed satis distinctus pileo *nigrescenti-umbrino* margine *reflexo*, lamellis *distantibus cinerascentibus*, stipite sursum *attenuato* basi *villoso.* Ceterum valde uti prior polymorphus.

γ *Pileo carnoso-coriaceo, sub-suberosus lamellis, decurrentibus* (Lentiscyphis).

❀ 124. *A. tigrinus* = Bull: t. 70. = Fries l. c. p. 176. Spr: l. c. 441. (Ad truncos arborum frondosarum præsertim in *Eur:* austr: Maj: - Jun: *Pedem*: iisdem locis Balb: el: p. 3. Biroli fl: acon: II. p. 217. Prope *la Madonna del Pilone* in emarcido trunco ac in trabibus secus viam quæ ducit ad *Carinianum* Re fl: tor: II. p. 301.). Parvulus cæspitosus, pileus regularis albidus umbilicatus squamis pilosis nigricantibus plerumque adspersus lamellis denticulatis albis, stipes brevis tortuosus squamulosus. Huc pertinet sec: Steud: *A. atrosquamosus* Batsch: repertus a Molineri in sylvis collium *Taurin*: (Balb: de crep: p. 18. et fl: taur: p. 220. Re fl: tor: II. p. 304. Biroli fl: acon: II. p. 217.).

❋ 125. *A. lepideus* var: β = Fries l. c. p. 176. Spr: l. c. 441. = *A. tubæformis* Schæff: fung: t. 248. 249. *Clavaria thermalis* DC. fl: fr: n. 266. (In thermalibus *Cormajour* vallis *Aug*: *Prætoriæ* trabibus humidis adnata DC. l. c. Re app: II. p. 221. sub *Clavaria thermali*). Coriaceus siccatione durissimus ramosus ramis cylindricis acuminatis simplicibus vel irregulariter divisis; monstruositas *A. lepidei*, facie *Clavariæ*.

M *Pleurotus* (Stipes excentricus vel nullus; velum universale vel nullum; pileus constanter inæqualis. Fungi persistentes multi edules).

❋ 126. *A. orcellus* = Bull: t. 573. f. 1. et 591. = Fries l. c. p. 180. Spr: l. c. 442. (Ad truncos arborum in *Gallia*. *Pedem*: in horto magno *Valentini* elapso hyeme tum etiam in sylvis vineæ *d'Aigueblanche* Balb: misc: bot: p. 67. et fl: taur: p. 215. In nemoribus Re fl: tor: II. p. 302. Ad publicum ambulacrum *dell'alea* in Ulmorum truncis Biroli fl: acon: II. p. 209.). Gregarius, mediocris velo nullo, pileus depressus sub-excentricus sæpe ellipticus leviter sinuatus maculatus colore vario lamellis confertis integerrimis decurrentibus, stipes solidus breviusculus glaber albus.

❋ 127. *A. inconstans* = Pers: syn: p. 475. = Fries l. c. p. 181. Spr: l. c. 442. = *A. dimidiatus* Bull: t. 517. f. O non 508. *A. flabelliformis* Schæff: fung: t. 43. 44. non Pers: nec Fries (Ad truncos arborum præcox. *Pedem*: in lignis viridibus All: n. 2714. sub

A. flabelliformi). Mediocris velo nullo, pileus tenax depressus flexuosus ex luteo rufescens lamellis subramosis basi crispis decurrentibus pallidis, stipes brevissimus crassus lævis subinde lateralis. An huc referendus *A. dimidiatus* Gmel: quem cl: Balb: in el: p. 10. enumerat separatim a *flabelliformi?*

❀ 128. *A. glandulosus* = Bull: t. 426. = Fries l. c. p. 182. Spr: l. c. 442. (Ad truncos arborum Oct: - Dec: *Pedem*: similibus locis Balb: el: p. 10. Ad palos horti botanici *Valentini* Re fl: tor: II. p. 303.). Edulis cæspitosus magnus, pileus compactus sub-lateralis dilute badius lamellis latis glandulosis candidis, stipes brevis crassus glaber subinde nullus.

❀ 129. *A. conchatus* = Bull: t. 298. = Fries l. c. p. 181. = Spr: l. c. 442. (Ad truncos vetustos Jul: - Sept: *Pedem*: in valle *Pisii* Cum: spec: p. 68. *Ligur*: Viv: in litt:). Medius vel magnus gregarius, pileus tenax difformis sub-cinnamomeus lamellis integerrimis pallidioribus, stipes brevissimus irregularis basi pubescens.

❀ 130. *A. ostreatus* = Jacq: austr: t. 288. = Fries l. c. p. 182. Spr: syst: IV. 442. = *A. dimidiatus* Bull: t. 508. non 517. Viv: fung: p. 48. t. 42. (Ad caudices arborum ubique vere et autumn: *Pedem*: similibus locis Balb: el: p. 3. Vulgaris circa *Chaumont* ubi vulgo *Orcilleties* Avog: in litt: *Ligur:* ad arbores emortuas præcipue Salices et Populos Viv: l. c. *Sabaud*: Bonjean in litt:). Cæspitosus mediocris velo nullo, pileus carnosus glaber obscure cinereus vel ochraceo-purpurascens sub-lobatus margine reflexus lamellis postice anastomosantibus decurrentibus albi-

dis, stipes sub-nullus sub-lateralis. Stirps vix edulis pro synon: obscura. Cons: Viv: l. c. p. 49. in obs:

❋ 131. *A. petaloides* = Bull: t. 226. et 557. f. 2. = Fries l. c. p. 183. Spr: l. c. 442. (Ad truncos arborum Sept: - Oct: *Pedem*: similibus locis Balb: el: p. 3.). Gregarius velo nullo statura varius, pileus spathulatus planiusculus albido-fuscescens adscendens vel erectus lamellis confertis linearibus decurrentibus albis, stipes brevis sub - villosus. Variat pileo erecto alutaceo pallido, disco spongioso-squamuloso, stipite canaliculato (*A. spathulatus* Pers: syn: p. 479.).

❋ 132. *A. pinsitus* = Fries l. c. p. 184. Spr: l. c. 443. = *A. lacteus* Scop: carn: ed: 2. n. 1574. = *A. mollis* Schæff: fung: t. 213. f. 2. (Ad truncos præsertim Quercuum. *Pedem*: similibus locis All: n. 2715. sub *A. molli* ex Schæff:). Mollis flaccidus leviter carnosus velo nullo, pileus sessilis sericeo - villosus candidus lamellis latiusculis obscurioribus. Stirps mihi dubia. Vid: infr: *A. mollis*.

❋ 133. *A. flabelliformis* = Pers: syn: p. 479. non Schæff: = Fries l. c. p. 185. Spr: l. c. 443. = Bolt: t. 157. (Ad truncorum latera. *Pedem*: similibus locis Balb: el: p. 10. Re fl: tor: II. p. 303.). Coriaceus tenuis velo nullo, pileus planiusculus glaber cervinus lacerus lamellis latiusculis crenatis pallidis, stipes subnullus.

❋ 134. *A. ulmarius* = Bull: t. 510. = Fries l. c. p. 186. Spr: l. c. 443. (Ad truncos arborum præsertim Ulmi Oct: - Dec: *Pedem*: ad Ulmos horti magni *Valentini* Balb: de crep: p. 23. et fl: taur: p. 215.

Supra varias arbores et præsertim Ulmos Re fl: tor: II. p. 302. Biroli fl: acon: II. p. 209. *Ligur*: Viv: in litt:). Magnus solitarius raro cæspitosus non edulis velo nullo, pileus compactus glaber leviter excentricus pallescens ætate maculis lividioribus marmoratus lamellis emarginatis haud decurrentibus albis, stipes validus adscendens villosus.

❀ 135. *A. palmatus* = Bull: t. 216. = Fries l. c. p. 187. = Spr: l. c. 443. (Ad truncos arborum Oct:-Nov: *Pedem*: in horto botanico ad caudicem Hederæ Balb: de crep: p. 22. et fl: taur: p. 215. In truncis aut ad latera lignorum artefactorum Re fl: tor: II. p. 303. Stipitibus truncatis Cerasorum aliarumque arborum in valle *Pisii* Cum: spec: p. 16.). Cæspitosus mediocris velo nullo, pileus carnosus excentricus convexus lævis rufescens lamellis adnatis latis non decurrentibus pileo concoloribus, stipes crassus adscendens glaber pallidior.

❀ 136. *A. stypticus* = Bull: t. 140. et 557. f. 1. = Fries l. c. p. 188. = Spr: l. c. 443. (Ad truncos arborum frondosarum ubique Oct: - Apr: *Pedem*: similibus locis Balb: misc: bot: p. 67. et fl: taur: p. 214. Re fl: tor: II. p. 303. Inter rimas Fagi, Castaneæ in valle *Pisii* Cum: spec: p. 15. In truncis arborum vulgaris Biroli fl: acon: II. p. 209. *Ligur*: Viv: in litt: *Sabaud*: Huguenin et Bonjean in litt:). Cæspitosus parvus suspectus, pileus coriaceo-carnosus reniformis lutescens furfuraceus lamellis venoso-connexis angustis non decurrentibus cinnamomeis, stipes lateralis brevis adscendens sursum dilatatus pruinosus pileo concolor.

❋ 137. *A. applicatus* = Batsch: f. 125. = Fries l. c. p. 192. Spr: l. c. 444. = *A. epixylon* Bull: t. 581. f. 2. (Ad truncos putridos autumn: - vere. *Sabaud*: Bonjean in litt:). Pileus sub-sessilis resupinato-reflexus cæruleo-nigricans pruinatus basi villosus lamellis laxis radiantibus griseis.

Series 2.ª

Hyporhodius (Velum nullum; lamellæ decolorantes; sporidia rosea. *Stipes centralis*).

A *Mouceron* (Pileus carnosus demum depressus; lamellæ longe decurrentes. Fungi terrestres edules).

❋ 138. *A. prunulus* = Scop: carn: ed: 2. n. 158. = Fries l. c. p. 193. Spr: l. c. 451. = Viv: fung: p. 2. t. 3. pro typo (var: α *spodioides* Fries) et p. 3. t. 4. pro var: β *albellus* (*A. albellus* Schæff: fung: t. 78.). *A. moucheron* Bull: t. 142. Vern: *Spinaroli* (In sylvis præsertim graminosis. Communis in *Etruria* typus, in *Apenn*: *Ligustico* septentr: var: Viv: l. c. Hic rarus in *Pedem*: proprio dicto enumeratur a Balb: el: p. 3. *Sabaud*: Bonjean in litt:). Gregarius, generatim parvulus sed magnitudine varius, deliciosus præsertim exsiccatus, pileus hemisphæricus dilute cinereus margine sinuosus lamellis crebris in stipitem confluentibus non reapse decurrentibus albis demum carneis, stipes solidus candidus. *A. albellus* differt tantum pileo *niveo* mox in *ochraceum* vergente.

B *Clitopilus* (Pileus carnosus convexus; lamellæ inæquales numquam longe decurrentes. Fungi medii sub-odori innocui sed non edules).

❋ 139. *A. fertilis* = Pers: syn: p. 328. = Fries l. c. p. 197. Spr: l. c. 452. = *A. phonospermus* Bull: t. 534. 547. f. 1. et 590. (Ad sepes, in pratis autumn: raro vere. Prope *Genuam* in castanetis Viv: in litt:). Gregarius sub-cæspitosus, pileus sub-umbonatus glaber livido - pallescens lamellis adnexis incarnatis, stipes farctus sub-bulbosus.

❋ 140. *A. sinuatus* = Bull: t. 579. f. 1. = Fries l. c. = Spr: l. c. (In sylvis humosis *Ligur*: cum priori Viv: in litt:). Amplus suaveolens, pileus albo-lutescens lamellis latissimis rufescentibus, stipes solidus æqualis candidus.

❋ 141. *A. leoninus* = Schæff: fung: t. 48. = Fries l. c. p. 199. Spr: l. c. 453. = *A. pyrrospermus* Bull: t. 547. f. 3 (In fagetis umbrosis ad ligna humida Aug: - Oct: *Pedem*: ad ligna putrida All: n. 2722.). Parvus vel medius fragilis, pileus sub-hemisphæricus sub-membranaceus glaber luteus lamellis margine plerumque flavescentibus, stipes solidus striatus basi subincrassatus ex albido flavescens.

❋ 142. *A. pluteus* = Pers: syn: p. 357. ex Batsch: = Fries l. c. p. 199. Spr: l. c. 452. = *A. cervinus* Schæff: fung: t. 10. *A. lividus* Bull: t. 382. (Ubique ad truncos Maj: - Nov: *Pedem*: innascitur substantiæ interiori Populi All: n. 2729. sub *A. cervino*. *Ligur*: in sylvis Viv: in litt:). Priori generatim duplo triplove

major, pileus campanulatus glaber fuligineo-olivaceus lamellis incarnatis, stipes solidus nigro - fibrillosus. Variat magnitudine et colore.

C *Leptonia* (Pileus carnoso-membranaceus c convexo planus; lamellæ inæquales non decurrentes. Fungi parvi inodori insipidi non edules).

❋ 143. *A. chalybeus* = Pers: syn: p. 343. ic: pict: t. 4. f. 3. 4. = Fries l. c. p. 203. Spr: l. c. 456. = *A. glaucus* Bull: t. 521. f. 1. var: (Inter gramina et in pascuis frequens Jul: - Sept: *Pedem:* in sylvis prope *Superga* Re fl: tor: II. p. 292.). Pileus squamosus cyaneus lamellis adnatis cæsio-albis dein purpurascentibus sub-serrulatis, stipes farctus glaber pileo concolor.

❋ 144. *A. serrulatus* = Fries l. c. p. 204. = *A. Serrula* Pers: syn: p. 463. et Scop: l. c. 456. = *A. columbarius* Bull: t. 413. (In collibus graminosis alibique locis apricis Jun: - Oct: *Pedem*: similibus locis Balb: el: p. 3. pro var: *ß* sub *A. columbario*). Pileus planiusculus nigro - virgatus griseus vel cærulescens lamellis sub-liberis concoloribus vel discoloribus, stipes elongatus virescens vel cærulescens sub-fibrillosus.

D *Nolanea* (Pileus membranaceus campanulatus; lamellæ sub-liberæ sub-adscendentes. Fungi fragiles sub-aquosi insipidi non edules).

❋ 145. *A. pascuus* = Pers: syn: p. 427. = Fries l. c. p. 205. Spr: l. c. 452. = *A. sericeus* Bull: t. 413.

f. 2. et 526. (In pascuis apricis Jun: - Dec: *Pedem:* in sylvis *Venariæ* Balb: de crep: p. 23. et fl: taur: p. 222. Re fl: tor: II. p. 293. Ad sepes et oras sylvarum præsertim in collibus Biroli fl: acon: II. p. 221. In valle *Pisii* Cum: spec: p. 68. omnes sub *A. sericeo. Ligur*: in sylvis Viv: in litt:). Valde polymorphus, pileus expansus nigrescenti-fuligineus lamellis sordide incarnatis, stipes fistulosus tenuis griseus sub-fibrillosus basi leviter incrassatus sericeus.

❋ 146. *A. pleopodius* = Bull: t. 556. f. 2. = Fries l. c. p. 207. = Spr: l. c. 453. (Ad terram in *Gallia* et *Pedem*:). Pileus lævis flavescens sub-argillaceus lamellis latis liberis roseis, stipes gracilis elongatus solidus glaber albidus.

E *Eccilia* (Pileus tenuis e convexo planus umbilicatus; lamellæ adnatæ sub-decurrentes.
Fungi minores terrestres inodori insipidi non edules).

NB. 8. stirpes referuntur a Fries ad hanc divisionem pertinentes, inter quas nulla in *Pedem*: invenitur quod sciam.

Series 3.ª

CORTINARIA (Velum præsens araneosum; lamellæ decolorantes arescentes; sporidia ochracea. *Stipes centralis*).

A *Telamonia* (Velum annuliforme contextum sub-persistens; lamellæ distantes. Fungi majores terrestres firmi non edules).

❋ 147. *A. torvus* = Fries l. c. p. 211. Spr: l. c. 457. = *A. araneosus* Bull: t. 600. Q R S. *A. umbrinus* Pers: syn: p. 280. (In humo sylvarum ubique. Iisdem locis in collibus *Taurin*: BALB: misc: bot: p. 63. et fl: taur: p. 222. In nemoribus montanis autumn: BIROLI fl: acon: II. p. 222. In fagineis sylvis Aug: - Sept: CUM: spec: p. 11.). Pileus carnosus obtusus fibrillosus testaceo - ferrugineus lamellis planis obscuris dein umbrino - cinnamomeis, annulus albus stipitem superne violaceo-cortinatum vaginans

❋ 148. *A. limonius* = Fries l. c. p. 213. Spr: l. c. 462. = Ic: ? (In pinetis montosis Jul: - Nov: In sylvis prope *Genuam* VIV: in litt:). Pileus obtusus aurantio-fulvus lamellis flavis mox fulvo-cinnamomeis, stipes firmus crassiusculus æqualis luteus velo floccoso.

❋ 149. *A. bulbosus* = Pers: syn: p. 195. = Fries l. c. 214. Spr: l. c. 460. = Sowerb: fung: t. 230. (Inter gramina, folia etc. Aug: - Oct: *Ligur*: in ericetis VIV: in litt:). Pileus obtuse umbonatus spadiceus lamellis cinnamomeis, stipes longus sub - fibril-

losus albidus basi bulbosus ferrugineus velo concolore.

✻ 150. *A. macropus* = Fries l. c. p. 215. = Spr: l. c. 438. = Ic:? (In sylvis Aug: - Sept: *Ligur*: cum priori Viv: in litt:). Pileus convexus dein explanatus crustallinus squamuloso - pilosus lamellis distantibus cinnamomeis, stipes elongatus æqualis cum annulo albidus.

✻ 151. *A. bivelus* = Fries l. c. = Spr: l. c. 458. = *A. araneosus* Bull: t. 598. f. 2. b (Cum priori Viv: in litt:). Stipite *brevi sub-bulboso;* annulo *fugaci* colore *fulvo* distinguitur a præcedenti.

B *Inoloma* (Velum fugax; lamellæ emarginatæ; stipes bulbosus; Fungi majores terrestres solitarii).

✻ 152. *A. violaceus* = L. sp: 1641. = Spr: l. c. 461. = Schæff: fung: t. 3. *A. violaceus* et *violaceo-cinereus* Fries l. c. p. 217. *A. araneosus violaceus* Bull: t. 250. et 598. f. 2. A (In sylvis Aug: - Oct: *Pedem*: ad oras sylvarum All: n. 2729. *Ligur*: Viv: in litt:). Pileus villoso-squamosus obtusus explanatus plus minus obscure violaceus lamellis distantibus connexis, stipes spongiosus fibrillosus intus violaceo-cinereus. Edulem dicit All:!

✻ 153. *A. camphoratus* = Fries l. c. p. 218. = Spr: l. c. 461. = Ic:? (In pinetis Aug: - Oct: *Ligur*: iisdem locis Viv: in litt:). Pileus obtusus sericeus lilacinus lamellis sub-adnatis confertis cæruleis, stipes mollis violaceus basi intusque albidus. Camphoram redolet.

❋ 154. *A. albo-violaceus* = Pers: syn: p. 286. = Fries l. c. Spr: l. c. = Ic: ? (In sylvis Aug: - Oct: In fagetis *Ligur*: Viv: in litt:). Differt a priori pileo demum late et obtuse *umbonato*, colore *violaceo - albido*, stipite *concolore*, odore *nullo*.

❋ 155. *A. conopus* = Pers: syn: p. 285. = Fries l. c. p. 219. Spr: l. c. = Ic: ? (Cum priori etiam in *Ligur*: Viv: in litt:). Ingens validus obtuse umbonatus pilosus sub-ferrugineus lamellis emarginatis, stipes longus conicus.

❋ 156. *A. anomalus* = Fries l. c. p. 220. = Spr: l. c. 460. = *A. incurvus* Pers: ic: et descr: t. 7. f. 5. var: (In sylvis. *Pedem*: in locis apricis collium *Taurin*: frequens autumn: ad radiculas emarcidas profunde sub tellure. Re app: I. p. 52. *Ligur*: Viv: in litt:). Stirps valde polymorpha et plures species Auctorum comprehendens sec: Fries l. c. *A. incurvus* Pers: gaudet pileo carnoso convexo demum infundibuliformi flavo lamellis aurantiis, stipite longo tortili pileo concolori.

❋ 157. *A. Bulliardi* = Pers: syn: p. 289. = Fries l. c. p. 221. Spr: l. c. 459. = *A. araneosus* var: Bull: t. 431. f. 3. (In fagetis Aug: - Oct: *Pedem*: in collibus *Taurin*: Bale: el: p. 3. Re fl. tor: II. p. 288. In valle *Pisii* Cum: spec: p. 68. sub *A. araneoso*. *Ligur*: Viv: in litt:). Pileus carnosus convexus obtusus glabriusculus rufescens lamellis distantibus cinnamomeis, stipes firmus albidus bulbo cinnabarino.

❋ 158. *A. callochrous* = Spr: mant: I. p. 16. = Fries l. c. p. 224. Spr: syst: l. c. 460. = *A. sub - purpurascens* Batsch: C. 1. f. 74. (In dumetis, sylvis, pratis etc. Aug: - Oct: *Ligur*: in pratis montanis Viv:

in litt:). Pileus æqualis lævis viscosus lamellis confertis violaceo-purpureis, stipes bulbosus.

❋ 159. *A. glaucopus* = Schæff: fung: t. 53. = Fries l. c. = Spr: l. c. (In sylvis et ericetis Aug:-Oct: *Ligur*: in ericetis Viv: in litt:). Pileus sub-fuligineus compactus lamellis cærulescentibus, stipes crassus lamellis concolor.

❋ 160. *A. varius* = Schæff: fung: t. 42. = Fries l. c. p. 225. = Spr: l. c. 460. (Vulgatissimus ubique Aug:-Oct: *Pedem:* in nemoribus All: n. 2721.). Statura maxime variabilis, pileus constanter luteus subsquamosus humido-viscosus lamellis congestis serratis pallidis demum purpurascentibus, stipes nunc brevis nunc elongatus attenuatus albidus. Edulem dicit All:!

❋ 161. *A. turbinatus* = Bull: t. 110. = Fries l. c. = Spr: l. c. 461. (In quercetis, fagetis etc. Sept:-Nov: In fagetis *Ligur*: Viv: in litt:). Mollis, pileus viscosus lævis flavescens lamellis integerrimis e flavescenti-cinnamomeis, stipes bulbosus albus.

C *Dermocybe* (Velum fugax; lamellæ confertæ; stipes æqualis. Fungi medii vel minores persistentes nonnulli vix edules.

❋? 162. *A. purpureus* = Bull: t. 598. f. 1. = Fries l. c. p. 228. = Spr: l. c. 461. (In sylvis Sept:-Nov: In montanis et subalpinis ad rivulos et humida loca vallis *Pisii* Cum: spec: p. 6.). Stirps *Cuminii* ex brevissima diagnosi et solo syn: Gmel: extricatu difficilis; videtur differre a vero *A. purpureo* lamellis *albidis*, in illo *puniceis*; plantam non vidi.

❋ 163. *A. cinnamomeus* = L. suec: 1205. = Fries l. c. p. 229. Spr: l. c. 462. = *A. croceus* Schæff: fung: t. 4. *A. iliopodius* Bull: t. 586. f. 2. (In sylvis ubique Jun:-Dec: *Pedem*: similibus locis All: n. 2671. sub *A. croceo* et 2675. sub *A. cinnamomeo*. Balb: el: p. 3. sub *A. cinnamomeo*. *Ligur*: Viv: in litt:). Pileus leviter carnosus obtuse umbonatus sub - cinnamomeus lamellis adfixis rubescentibus, stipes tenuis lutescens. Variat colore et statura; in *A. croceo* generatim minori lamellæ sunt *flavo-croceæ*.

❋ 164. *A. armeniacus* = Schæff: fung: t. 81. = Fries l. c. p. 234. = Spr: l. c. 459. (Ubique in sylvis locis muscosis humidis Jul: - Nov: In fagetis *Ligur*: Viv: in litt:). Multiformis, pileus sub-carnosus dein obtuse umbonatus sub - cinnamomeus lamellis confertis, stipes farctus sursum attenuatus albus.

❋ 165. *A. castaneus* = Bull: t. 268. et 527. f. 2. = Fries l. c. p. 235. = Spr: l. c. (Ubique ad terram præsertim in sylvis Jul: - Nov: *Sabaud*: Bonjean in litt:). Gregarius inodorus, pileus sub-carnosus convexus umbonatus castaneus lamellis adfixis confertis testaceis, stipes brevis firmus.

❋ 166. *A. decipiens* = Pers: syn: p. 298. = Fries l. c. p. 236. Spr: l. c. 460. = *A. mammosus* L. suec: 1218. = Buxm: cent: IV. p. 13. t. 21. f. 1. ex All: (In sylvis et pratis muscosis vulgaris Aug: - Nov: Similibus locis All: n. 1691. sub *A. mammoso*). Gregarius medius, pileus sub - membranaceus umbrinus acute umbonatus lamellis adnatis cinnamomeis, stipes elongatus tenuis farctus ex albicante rufus.

Series 4.ª

DERMINUS (Velum præsens non araneosum; lamellæ decoloratæ sub-persistentes; sporidia ferruginea).

A *Pholiota* (Velum siccum annuliforme membranaceum vel floccoso-radiatum; lamellæ inæquales exsuccæ. Fungi varii.).

❋ 167. *A. caperatus* = Fries l. c. p. 241. = Spr: l. c. 447. = *A. pallidus* Bull: t. 597. f. 2. (In sylvis montosis ubique Jul: - Oct: In fagetis *Ligur*: Viv: in litt:). Solitarius amplus, pileus lacunosus citrinus margine squamulosus lamellis adfixis secedentibus argillaceis, stipes solidus albus supra annulum reflexum squamulosus.

❋ 168. *A. radicosus* = Bull: t. 160. = Fries l. c. p. 242. = Spr: l. c. 445. (In sylvis ad truncos Oct: *Pedem*: similibus locis BALB: el: p. 3. In sylvis versus summitatem vallis *Salicis* RE fl: tor: II. p. 287.). Major cæspitosus, pileus carnosus glaber sub-argillaceus demum rufo - maculatus lamellis confertissimis sub - liberis rotundatis, stipes crassus firmus albidus infra annulum floccoso-squamosus basi valde radicatus. Stirps speciosissima sub-edulis.

❋ 169. *A. aurivellus* = Batsch: C. 1. f. 115. = Fries l. c. p. 242. = *A. filamentosus* Schæff: fung: t. 209. Sub *A. floccoso* Spr: l. c. 447. male (Ad truncos arborum Oct: - Nov: *Pedem*: similibus locis

All: n. 2679. sub *A. filamentoso*). Compactus medius solitarius, pileus hemisphæricus demum explanatus sparse squamosus ex pallido fulvus lamellis latissimis rotundatis olivaceo-pallidis tandem ferrugineis, stipes solidus fibrillosus longitudine varia radicatus.

❋ 170. *A. squarrosus* = Fries l. c. p. 243. = *A. floccosus* Schæff: fung: t. 61. et Spr: l. c. 447. excl: syn: *A. filamentosi* (Ad radices truncorum frequens Aug: - Dec: *Pedem*: ad radices arborum præsertim Salicum All: n. 2683. sub *A. floccoso*. *Ligur:* Viv: in litt:). Differt a priori stipitibus *cæspitosis*, pileo *croceo-ferrugineo*, squamis *confertioribus revolutis*.

❋ 171. *A. aureus* = Bull: t. 92. = Fries l. c. p. 241. Spr: l. c. 447. = Sowerb: t. 77.? Viv: fung: p. 1. t. 2. pro planta Sowerb: (Ad terram humosam Sept: - Oct: *Pedem*: in sylvis vallis *Ticini* raro occurrit autumn: et æst: Biroli fl: acon: II. p. 223.). Magnus sub-cæspitosus, pileus convexo-planus piloso-squamosus fulvus lamellis adnexis, stipes farctus glaber basi sub-incrassatus sæpe adscendens annulo parvo patulo albo. Stirps pedemontana mihi dubia utrum ad *A. aureum* Bull: an ad *aureum* Sowerb: (quas distinctas esse demonstravit cl: Viv: l. c.) sit referenda.

❋ 172. *A. iliopodius* = Bull: t. 592. = Fries l. c. p. 231. = Spr: l. c. 462. (In quercetis et fagetis ubique Jul: - Nov: *Ligur*: Viv: in litt:). Pileus subcarnosus dein umbonatus lamellis adnatis latis, stipes æqualis tenuis, ceterum colore et forma varius.

❋ 173. *A. Cucumis* = Pers: syn: p. 316. = Fries l. c. Spr: l. c. 459. = *A. nigripes* Sowerb: fung: t. 344. (Cum priori Aug: - Oct: *Ligur*: Viv: in litt:).

Vix differt a præcedenti pileo *purpureo-fusco*, lamellis *ventricosis ferrugineis*, stipite *fusco*, odore *cucumerino*.

❀ 174. *A. mutabilis* = L. suec: 1208. = Schæff: fung: t. 9. = Fries l. c. p. 245. Spr: l. c. 446. *A. xylophilus* et *annularius* Bull: t. 530. f. 2. et 543. f. O P. Ic: taur: vol. 12. t. 83. f. 6. 7. Vern: *Famiole* (Ad truncos et ad terram frequens Maj:-Nov: *Pedem*: ad truncos Nucum et Mororum autumn: All: n. 2681. Ad caudices Mororum in collibus *Taurin:* Balb: de crep: p. 18. sub *A. annulario. Ligur*: Viv: in litt: *Sabaud:* Bonjean in litt:). Cæspitosus vel rarius solitarius parvus vel medius edulis, pileus leviter carnosus sub-umbonatus planiusculus plus minus saturate cinnamomeus lamellis confertis sub-decurrentibus pallide ferrugineis, stipes plus minus elongatus tenuis æqualis fistulosus sub-squamosus pallidiusculus inferne umbrosus annulo distincto persistente vel fugaci; in *A. annulario* stipes haud squamosus; ceterum stirps admodum varians.

B *Myxacium* (Velum viscosum fugax;
lamellæ adfixæ sub-decurrentes.
Fungi majores solitarii terrestres non edules).

❀ 175. *A. collinitus* = Sowerb: t. 9. = Fries l. c. p. 248. Spr: l. c. 446. = *A. mucosus* Bull: t. 549. et 596. f. 2. (In sylvaticis vulgaris Jul:-Nov: *Pedem:* in *Taurin*: collibus initio Nov: Balb: fl: taur: p. 222. et de crep: p. 22. sub *A. mucoso*. Re fl: tor: II. p. 288. sub *A. collinito*. In sylvis collium et vallis *Ticini* Biroli fl: acon: II. p. 222. sub *A. mucoso* ubi

per errorem typographicum inscribitur *muscosus*. In pinetis *Ligur:* Viv: in litt:). Pileus carnosus obtuse umbonatus glutinosus fulvus lamellis albidis vel purpureo - ferrugineis serrulatis, stipes firmus elongatus æqualis squamosus squamis cærulescentibus transversis.

C *Hebeloma* (Velum marginale fugax;
lamellæ emarginatæ.
Fungi medii terrestres venenati).

❋ 176. *A. fastibilis* = Pers: syn: p. 326. = Fries l. c. p. 249. Spr: l. c. 460. = *A. gilvus* Schæff: fung: t. 221. *A. crustuliniformis* Bull: t. 308. et 546. (In sylvis ubique. *Pedem:* iisdem locis All: n. 2686. sub *A. gilvo*. In sylvis collium *Taurin*: præcipue vineæ *Natalini Righini* et in sylvis *Reviliasci* Re fl: tor: II. p. 291. sub *A. fastibili*. In sylvis montanis abundat colore et magnitudine mire varians Biroli fl: acon: II. p. 221. sub eod:). Olidus cæspitosus vel solitarius, pileus carnosus viscosus flexuosus depressus colore vario lamellis humidis pallidioribus, stipes crassus sub - æqualis squamulosus albus. Huc referendus *A. crustuliniformis* a Bale: enumeratus in el: p. 3.

D *Flammula* (Velum fugacissimum;
pileus carnosus convexus glaber sub-viscosus;
lamellæ non emarginatæ.
Fungi gregarii persistentes sub-lutei vix edules).

❋ 177. *A. flavidus* = Schæff: fung: t. 35. = Fries l. c. p. 250. Spr: l. c. 448. = *A. lignatilis* Bull: t.

554. f. 1. (Ad truncos arborum abunde Aug: - Nov: *Pedem:* in sylvis frequens ALL: n. 2699.). Magnitudine varia, pileus obtusus humidus nec viscosus flavidus margine fibrillosus lamellis adnatis e luteo ferrugineis, stipes firmus fibrillosus sub-adscendens fulvus basi ferrugineus.

E *Inocybe* (Velum e pilei carnosi convexi fibrillis longitudinalibus fugacissimum; lamellæ albidæ. Fungi medii vel minores solitarii terrestres suspecti).

❋ 178. *A. repandus* = Bull: t. 423. = Fries l. c. p. 255. = Spr: l. c. 448. (In pinetis ericetosis arenosis Jul: - Sept: *Pedem:* rarus BALB: el: p. 3.). Medius, pileus disco carnosus campanulato - irregularis margine infracto flexuosus sordide lutescens lamellis liberis, stipes elongatus æqualis apice fibroso - squamosus albidus.

❋ 179. *A. lanuginosus* = Bull: t. 370. = Fries l. c. p. 257. = Spr: l. c. 450. (In sylvaticis juxta vias. *Pedem:* iisdem locis BALB: el: p. 10. Secus viam eundo *a S. Bartolomeo* in collibus inter muscos RE fl: tor: II. p. 305.). Minor sub-solitarius gracilis, pileus squamuloso-villosus lamellis liberis stipiteque solido tenui fibrilloso-pallidis.

❋ 180. *A. rimosus* = Bull: t. 388. 599. = Fries l. c. p. 258. = Spr: l. c. 450. (Ad terram nudam in sylvaticis ubique Jun: - Sept: *Pedem:* similibus locis BALB: el: p. 3. In sylvis collium *Taurin:* RE fl: tor: II. p. 289.). Magnitudine varius venenatissimus, pileus campanulatus demum obtuse umbonatus lon-

gitudinaliter rimosus lævis vel squamosus fusco-lutescens lamellis adnexis, stipes elongatus sub-æqualis apice albo-farinaceus basi sub-tuberosus.

❀ 181. *A. geophyllus* = Sowerb: t. 124. = Fries l. c. p. 258. *A. argillaceus* var: Spr: l. c. 450. = *A. candidus* Batsch: cent: 1. f. 106. (In sylvis ubique. *Pedem*: in pascuis et locis umbrosis collium Re fl: tor: II. p. 288. sub *A. decumbente*. *Ligur*: in castanetis Viv: in litt:). Parvulus, pileus carnosus umbonatus sub-hemisphæricus albo-pallescens lamellis remoto-adnexis ochraceis, stipes decumbens clavatus bulbosus candidus.

F *Naucoria* (Velum fugacissimum cum integumento pilei squamuloso homogenum; lamellæ cinnamomeæ. Fungi minores gregarii).

❀ 182. *A. furfuraceus* = Pers: syn: p. 454. = Spr: l. c. 455. = *A. pulverulentus* Schæff: fung: t. 226. pro var: α. Bull: t. 535. f. 3. pro var: β sub *A. squarroso* (In ramentis, foliis dejectis ad terram. *Ligur*: Viv: in litt:). Gregarius parvulus, pileus sub-carnosus dein umbilicatus squamosus cinnamomeus lamellis sub-decurrentibus concoloribus, stipes fistulosus furfuraceus.

❀? 183. *A. pumilus* = Pers: syn: p. 317. = Fries l. c. p. 263. Spr: l. c. 453. (In agrorum versuris et ad truncos putridos Sept:-Nov: *Pedem*: similibus locis Balb: el: p. 3. sub *A. sub-coriaceo*. Prope *Valentinum* Re fl: tor: II. p. 290.). Solitarius parvus, pileus

sub-carnosus sub-hemisphæricus lævis ochraceus lamellis adnexis distantibus, stipes cavus tenuis. Fide Steud: refero *A. sub - coriaceum* Gmel: de quo silet Fries ad *A. pumilum.*

G *Galera* (Velum fugacissimum; pileus membranaceus campanulatus; lamellæ variæ. Fungi graciles fragiles stipite fistuloso, non edules).

❀ 184. *A. tener* = Schæff: fung: t. 70. = Fries l. c. p. 265. Spr: l. c. 453. = *A. foraminulosus* Bull: t. 403. f. B C et 535. f. 1. (In graminosis ubique Maj: - Nov: *Pedem*: in sylvis siccis *Ticini* æstate et autumn: Biroli fl: acon: II. p. 216. sub *A. foraminuloso*). Medius tenerrimus totus ochraceus solitarius, pileus convexus obtusus striatus lævis lamellis adnatis linearibus, stipes elongatus cylindricus glaber.

❀ 185. *A. melinoides* = Bull: t. 560. f. 1. = Fries l. c. p. 266. = *A. tener* var: Spr: l. c. (In pratis muscosis Oct: - Dec: *Ligur*: Viv: in litt:). Vix differt a priori pileo *obtuso ochraceo*, lamellis *ventricosis dilutioribus*, stipite demum *compresso.*

❀ 186. *A. hypnorum* = Pers: syn: p. 385. ex Schrank: = Fries l. c. p. 267. Spr: l. c. 453. = *A. campanulatus* Schæff: fung: t. 63. sec: Fries (Inter muscos vulgaris Jul: - Nov: *Pedem*: similibus locis Bale: el: p. 10. Ad terram *Taurini* Re fl: tor: II. p. 293. *Ligur*: Viv: in litt:). Minor, pileus sub-papillatus ochraceus lamellis adnatis distantibus latiusculis rufis, stipes flexilis pileo sub-concolor apice pruinosus,

H *Tapinia* (Velum fugacissimum; pileus umbilicatus margine villosus; lamellæ adnato - decurrentes.
Fungi varii sub-terrestres vix edules).

❀ 187. *A. cupularis* = Bull: t. 554. f. 2. = Fries l. c. p. 269. = Spr: l. c. 453. (Ad terram in *Gallia*. In sylvis *Aconiæ* æstate et autumno sæpe occurrit Biroli fl: acon: II. p. 216.). Minor gregarius valde elongatus, pileus sub-carnosus lævis late umbilicatus flavescens lamellis saturatioribus, stipes fistulosus æqualis albicans.

❀ 188. *A. involutus* = Batsch: C. 1. f. 61. = Fries l. c. p. 271. Spr: l. c. 455. = *A. contiguus* Bull: t. 240. et 576. f. 2. *A. lateralis* Schæff: sec: Steud: (In sylvis ad terram et truncos vulgaris Aug:-Nov: *Pedem:* in sylvis et secus vias in valle *Pisii* Cum: spec: p. 9. Prope saxa et ligna All: n. 700. sub *A. laterali* ex Schæff:). Major sub - solitarius, pileus depressus compactus rubro-fulvus margine involutus tomentosus lamellis dichotomis basi poriformibus concoloribus, stipes crassus brevis sæpe maculatus. Synon: Schæff: supra citatum omittitur a Fries et Spr: nec planta All: sub hoc nomine videtur prorsus quadrare cum *A. involuto*; fide Steud: illum huc refero. Huc etiam pertinet, monente eod: Steud:, *A. cyathiformis* Schæff: pariter ab All: enumeratus n. 2784.

I *Crepidotus* (Velum fugacissimum; pileus excentricus sub - sessilis; lamellæ inæquales decoloratæ.
Fungi varii ad *Pratellas* transeuntes).

❋ 189. *A. olearius* = DC. fl: fr: suppl: p. 44. = Fries l. c. p. 273. = Viv: t. 50. (*Eur:* austr: ad oleas. *Ligur:* Viv: in litt:). Forma et statura varius sæpe major sub-gregarius rufo-aureus, pileus carnosus lævis lamellis inæqualibus decurrentibus, stipes solidus sæpe excentricus sub-incurvus. Venenatus phosphoricus.

❋? 190. *A. mollis* = Schæff: t. 213. f. 1. non 2. = Fries l. c. p. 274. = Spr: l. c. 457. (Ad truncos passim Aug:-Oct: *Pedem:* ad arbores All: n. 2715.?). Gregarius mollis, pileus sub - sessilis lævis flaccidus pallidus lamellis aquosis cinnamomeis, stipitis rudimentum sub-strigosum. Stirps mihi valde dubia; cl: All: tabulam quidem sed figuram Schæff: non citat; *velo destitutam* suam plantam dicit et *acaulem*, ex quibus magis videtur quadrare cum fig: 2. et sic ad *A. pinsitum* Fries referendam.

❋ 191. *A. variabilis* = Pers: syn: p. 483. = Fries l. c. p. 275. Spr: l. c. 457. = *A. albidus* Balb: misc: bot: p. 67. t. 11. f. infer: pro var: β *A. sessilis* Bull: t. 152. et 581. f. 3. pro typo. *A. sinuatus* Pers: var: δ (Ad truncos et terram præsertim autumno ubique. *Pedem:* super ramos emortuarum arborum Balb: l. c. et fl: taur: p. 214. Cum: spec: p. 16. sub *A. sessili.* In sylvis vineæ *di Righin Natalin* collium *Taurin:*

ibidem sub *A. albido.* Re fl: tor: II. p. 303. sub *A. variabili* et *sessili.* In truncis arborum emortuis Biroli fl: acon: II. p. 209. sub *A. sessili.* In sylvis *di Revigliasco* terrestris et solitarius Balb: el: p. 10. et Re fl: tor: II. p. 291. sub *A. sinuato.* *Sabaud*: Bonjean in litt:). Gregarius vel solitarius minor, pileus membranaceus resupinato-reflexus sericeo-tomentosus ex albo rufescens lamellis albido-rubiginosis, stipes obliteratus lateralis. In *A. albido* Balb: pileus lævis, lamellæ latiores, in *A. sinuato* Pers: lamellæ spadiceæ.

Series 5.ª

Pratella (Velum præsens non araneosum; lamellæ decolorantes nebulosæ dissolubiles; sporidia fusco-purpurea. *Stipes centralis*).

A *Volvana* (Velum universale discretum, junius fungum totum involucrans; lamellæ liberæ ventricosæ. Fungi majores vel minores molles, nonnulli edules).

❋ 192. *A. urceolatus* = Viv: fung: p. 13. t. 14. f. 1. 4. = Mich: nov: gen: t. 76. f. 2. = *A. bombycinus* Fries l. c. p. 277. male sec: Viv: (In sylvis castanearum prope *Genuam* frequens Viv: l. c.). Minor insipidus nec edulis, pileus hemisphæricus demum depressiusculus umbonatus umbrinus lamellis adnatis candidis, stipes fistulosus elongatus sub-æqualis nudus albus sub-squamulosus basi exceptus volva sub-2-partita urceolata laciniis ovatis concavis per-

sistentibus. Differt ab *A. bombycino* non tam colore quam præsertim volvæ structura. Magis accedere videtur ad *A. volvaceum* Bull: t. 262. et Viv: fung: p. 9. t. 10. (Fries l. c. p. 278.); conf: tamen icones et obs: ejusdem Viv: ad utramque speciem. *A. volvaceus* crescit speciatim inter pulverem coriarium e calidariis dejectum.

❀ 193. *A. pusillus* = DC. fl: fr: n. 566. non Schæff: = Fries l. c. p. 279. non 264. Spr: l. c. 445. = *A. volvaceus minor* Bull: t. 330. (In hortis et sylvis rarus Aug: - Sept: *Pedem:* similibus locis Balb: el: p. 3.). Pusillus sub - gregarius, pileus tenuis siccus albidus umbonatus cito deliquescens lamellis roseis, stipes fragilis fistulosus albus volva laxa 4-5-fida extus sericea. Huc pertinet *A. venustus* Viv: fung: p. 11. t. 11. f. 5. 8. sub hoc nomine salutatus a cl: Auctore eo quod in Friesio 2. species extent sub *A. pusillo*.

B *Psalliota* (Velum annuliforme sub-persistens; lamellæ liberæ vel adfixæ latæ rufescentes. Fungi varii plures edules).

❀ 194. *A. cretaceus* = Bull: t. 374. = Fries l. c. p. 280. = Spr: l. c. 445. (In ruderatis pinguibus Aug: - Nov: *Pedem:* in sylvis collium *Taurin:* haud rarus Balb: de crep: p. 19. et fl: taur: p. 223. Re fl: tor: II. p. 297. sub *A. cepæstipede* male). Major edulis totus albus, pileus planiusculus siccus sub-lævis lamellis liberis antice latioribus demum fuscis dissolubilibus; stipes elongatus fistulosus lævis annulo adscendente. Variat totus luteus (*A. luteus* With:).

❀ 195. *A. campestris* = L. sp: 1641. = Fries l. c. p. 281. Spr: l. c. 446. = Schæff: fung: t. 33. = *A. edulis* Bull: t. 134. et 514. Viv: fung: p. 50. t. 43. 44. 45. (*Eur:* fere tota, *Asia*, *Afr*: bor:, *Amer*: bor: *Pedem*: in pascuis collinis frequens All: n. 2718. sub *A. campestri* et 2727. sub *A. sylvatico*. Bale: fl: taur: p. 218. sub *A. eduli*. Re fl: segus: p. 91. et fl: tor: II. p. 297. 298. sub *A. eduli* et *campestri*. In pratis et pascuis vulgaris Biroli fl: acon: II. p. 214. sub *A. eduli* et p. 218. sub *A. pratensi*. *Ligur*: Viv: l. c. *Sabaud*: Bonjean in litt:). Major edulis pallide albus vel carneus aut rarius fulvaster, pileus sub-carnosus planiusculus lævis glaber vel squamulosus sericeus lamellis crebris liberis albidis sensim fuscescentibus, stipes solidus cylindricus brevis vel elongatus raro radicatus (var δ *radicosus* Viv: p. 54. t. 44.) annulo persistente vel fugaci nunc incompleto. Colitur præsertim in *Gallia*. Varr: plures enumerat cl: Viv: l. c. quas more suo concinne descripsit et eleganter pinxit; omnes edules. Huc pertinent *A. pratensis*, *sylvaticus*, et *arvensis* Schæff:

❀ 196. *A. exsertus* = Viv: fung: p. 55. t. 46. (In monte *Garbo* prope *Genuam*). Differt a priori, cui valde affinis, præsertim pileo *umbonato*, stipite *fistuloso*. Pariter edulis. Similibus locis enascitur *A. pudicus* Viv: l. c. p. 56. t. 46. f. 1. 7. qui magis accedit ad *campestrem*.

❀ 197. *A. coronillus* = Bull: t. 597. f. 1. = Fries l. c. p. 282. = Spr: l. c. p. 445. (In sylvis *Galliæ*. *Pedem*: similibus locis Bale: el: p. 10. Re fl: tor: II. p. 305. *Ligur*: in castanetis Viv: in litt:). Solitarius

minor, pileus carnosus umbonatus glaber fulvus lamellis liberis rotundatis albis demum fuscis, stipes fistulosus æqualis albus annulo erecto integro.

❋ 198. *A. præcox* = Viv: t. 12. f. 4. 6. (*Ligur:* Viv: in litt:). Plantam non vidi, nec in textu adhuc descripta; ex ic: fungus mediocris totus cinereo-albus, pileus hemisphæricus margine lacerus lamellis remotiusculis, stipes elongatus cylindricus basi sub-incrassatus radicatus apice annulato crenulato instructus.

❋ 199. *A. melanospermus* = Bull: t. 540. f. 1. = Fries l. c. p. 283. = Spr: l. c. 445. (In graminosis pinguibus et arvis Sept: - Oct: *Pedem*: similibus locis Balb: el: p. 3.). Medius sub-solitarius, pileus carnosus lævis convexus dein sub-adpressus repandus flavus lamellis rotundato adnexis demum nigris, stipes fistulosus elongatus basi incrassatus albus annulo concolore persistente margine crenulato.

❋ 200. *A. squamosus* = Pers: syn: p. 409. = Fries l. c. p. 284. Spr: l. c. 446. = *A. sphaleromorphus* Schum: var: = Ic: ? (In sylvaticis inter folia decidua Sept: - Nov: *Pedem*: similibus locis Balb: el: p. 10. In collibus *Taurin*: Re fl: tor: II. p. 287. sub *A. sphaleromorpho*). Pileus sub-viscosus luteus squamis sparsis concentricis lamellis adnatis nigricantibus, stipes farctus infra villoso-squamosus tomento strigoso obductus in var: *sphaleromorpho*. Ob defectum iconis planta Balb: mihi valde dubia.

❋ 201. *A. æruginosus* = Curt: lond: II. t. 309. = Fries l. c. p. 286. Spr: l. c. 446. = *A. cyaneus* Bull: t. 170. et 530. f. 1. (In campis et sylvis Aug: - Nov: *Pedem*: in sylvis ad arborum truncos Biroli fl: acon;

II. p. 214. sub *A. cyaneo*). Medius sub - solitarius elegans, pileus carnosus flavus glutine cyaneo demum recedente collinitus lamellis adnatis planis rubescentibus, stipes cylindricus elongatus fistulosus squamosus cærulescens.

C *Hypholoma* (Velum marginale fugax; lamellæ emarginatæ sub-liquescentes; stipes bulbosus. Fungi varii lignatiles cæspitosi).

❋ 202. *A. lateritius* = Schæff: fung: t. 49. f. 6. non f. 1. = Fries l. c. p. 288. Spr: l. c. 448. = *A. amarus* Bull: t. 30. et 562. (*Eur*: et *Amer*: bor: ad truncos arborum Maj: - Oct: *Pedem*: supra emortuarum arborum caudices initio Dec: Balb: misc: bot: p. 64. et fl: taur: p. 218. Cum: spec: p. 10. Biroli fl: acon: II. p. 214. Re fl: tor: II. p. 298. sub *A. lateritio*). Major vel medius nunc solitarius nunc cæspitosus, pileus carnosus obtusus convexiusculus disco fulvus margine pallidior lamellis adnatis latis virescentibus demum nigrescentibus, stipes farctus elongatus sub-bulbosus cortina nigrescente in var: β majore. *A. lateritius* Schæff: t. 49. f. 1. pertinet ad seq:

❋ 203. *A. fascicularis* = Huds: = Fries l. c. p. 288. Spr: l. c. 448. = Viv: fung: p. 56. t. 47. *A. pulverulentus* Bull: t. 178. (Ad truncos putridos ubique Maj: - Nov: *Pedem*: similibus locis Balb: el: p. 10. et fl: taur: p. 218. sub *A. pulverulento*. Cum: spec: p. 10. sub eod: Re fl: tor: II. p. 298. Viv: l. c. *Sabaud*: Bonjean in litt:). Cæspitosus raro solitarius medius vel minor, pileus umbonatus sub-carnosus ochra-

ceus lamellis teneribus virescentibus, stipes cavus tenuis æqualis flavus apice sub-virescens cortina nigrescente.

D *Psilocybe* (Velum fugacissimum; pileus sub-carnosus stipesque æqualis tenaces; lamellæ latiusculæ. Fungi minores persistentes non edules).

❀ 204. *A. ericæus* = Pers: syn: p. 413. = Fries l. c. p. 291. Spr: l. c. 449. = *A. helvolus* Schæff: t. 210. (Ad terram locis humidis vulgaris Jul: - Oct: *Pedem*: ubique nascitur quovis tempore præsertim æstate All: n. 2738. sub *helvolo*. In valle *Pisii* Cum: p. 68. sub *A. ericæo*. *Sabaud*: Bonjean in litt:). Pileus convexus sub - umbonatus lævis nitens lamellis adnatis nigricantibus, stipes elongatus firmus nudus lutescenti - pallidus. Variat pileo fulvo (*A. helvolus* Schæff:), vel sub-spadiceo (*A. nitidus* Pers:).

❀ 205. *A. campanulatus* = Bull: t. 552. f. 1. = Fries l. c. p. 295. = Spr: l. c. 449. (Ad terram in sylvis Aug: - Sept: *Pedem*: iisdem locis Biroli fl: acon: II. p. 214.). Fugax, pileus campanulatus lævis lutescens lamellis liberis ferrugineis perlatis, stipes fistulosus elongatus æqualis tenuis lævis obsolete annulatus.

E *Psathyra* (Velum marginale fugacissimum; pileus sub-membranaceus stipitesque fragiles; lamellæ adfixæ rarius liberæ. Fungi varii).

❀ 206. *A. stipatus* = Pers: syn: p. 423. = Fries l. c. p. 296. Spr: l. c. 448. = *A. spadiceus* et *spa-*

diceo-griseus Schæff: t. 66. et 237. *A. hydrophilus* Bull: t. 511. (Ad truncos et ad terram communis Jul: - Nov: *Pedem*: ad putrida etiam circa fimeta autumn: All: n. 2725. sub *A. spadiceo-griseo*. Balb: el: p. 3. sub *A. hydrophilo*). Cæspitosus raro solitarius statura varia, pileus sub-carnosus sub-hemisphæricus glaber fusco-spadiceus lamellis adfixis confertis incarnato-fuscis, stipes sub-adscendens elongatus fistulosus glaber sub-æqualis generatim pileo pallidior raro annulatus. Variat multimode.

❋ 207. *A. candollianus* = Fries l. c. p. 296. = Spr: l. c. 448. = *A. appendiculatus* Bull: t. 392. (Ad terram in fagetis Sept: - Oct: *Pedem*: in valle *Pisii* Cum: spec: p. 68. sub *A. appendiculato*). Medius cæspitosus, pileus sub-carnosus lævis spadiceus demum albus lamellis adfixis violaceis, stipes adscendens cylindricus fistulosus fibrillosus apice striatus albidus cortina fimbriante.

F *Coprinarius* (Velum partiale plerumque fugacissimum; lamellæ sub-diffluentes adfixæ vel liberæ. Fungi varii sæpius fimicoli).

❋ 208. *A. fimiputris* = Bull: t. 66. = Fries l. c. p. 300. = Spr: l. c. 464. *A. semiovatus* Schum: non Sowerb: (In fimo præsertim equino Aug: - Oct: *Taurin*: extra *Segusii* portam ad fossarum margines Balb: fl: taur: p. 217. *Sabaud*: Bonjean in litt:). Cæspitosus fugax medius vel minor, pileus campanulatus sub-carnosus cinereo-lividus e velo appendiculatus lamellis

adfixis cinereo-atris, stipes elongatus æqualis fistulosus rufescens annulo lacero.

❋ 209. *A. semiovatus* = Sowerb: t. 131. non Schum: = Fries l. c. p. 300. Spr: l. c. 464. = *A. nitens* Bull: t. 84. (In fimo præsertim vaccino æstate. *Pedem*: similibus locis Re fl: tor: II. p. 297. excl: syn: Bull:). Differt a priori, cum quo confusus a cl: Re, pileo viscoso argillaceo-albido, stipite cinereo albido basi sub-bulboso, annulo distante integro persistente.

❋ 210. *A. papilionaceus* = Bull: t. 58. 591. f. 2. = Fries l. c. p. 301. *A. fimiputris* var: Spr: l. c. = *A. acuminatus* Schæff: fung: t. 202. (In fimetis et sylvaticis pinguibus Maj: - Nov: *Pedem*: ad caudices arborum autumn: All: n. 2737. sub *A. acuminato*). A duobus præcedentibus distinguitur pileo *nigrescenti-ferrugineo*, lamellis margine *albis*, stipite apice *striato atro-pulverulento*, annulo nullo.

❋ 211. *A. striatus* = Bull: t. 552. f. 2. = Fries l. c. p. 302. = Spr: l. c. 465. (In *Gallia*. *Pedem*: in pratis et hortis omni tempore Biroli fl: acon: II. p. 213.). Minor solitarius, pileus campanulatus disco lævi rufescente margine eleganter furcato-striato lamellis rotundatis liberis demum nigrescentibus, stipes elongatus æqualis fistulosus nudus albidus.

❋ 212. *A. hydrophorus* = Bull: t. 558. f. 2. = Fries l. c. p. 304. = Spr: l. c. (In pascuis sylvaticis et hortis. *Pedem*: similibus locis Balb: el: p. 3. Biroli fl: acon: II. p. 213.). Cæspitosus minor, pileus convexus disco lævi rufescente margine lacero griseo lamellis liberis flavidis, stipes valde elongatus fistulo-

sus albidus glaber sub - radiatus annulo obsoleto vel nullo.

✻ 213. *A. disseminatus* = Pers: syn: p. 403. = Fries l. c. p. 305. Spr: l. c. excl: syn: *A. ephemeri*, *ephemeridis*, et *radiati* = *A. digitaliformis* Bull: t. 22. et 525. f. 1. pro var: c (Ad truncos vulgaris vere et autumno. *Pedem:* super ligna putrida ac terrestris Balb: fl: taur: p. 217. sub *A. digitaliformi.* Re fl: tor: II. p. 296. sub *A. coprino digitaliformi.* In truncis Salicis albæ frequens Biroli fl: acon: II. p. 212. sub *A. digitaliformi*). Exiguus valde gregarius, pileus ovato-campanulatus plicatus ex albido ochraceus lamellis angustis distantibus adnexis (liberis in *digitaliformi*) albido-cinerascentibus, stipes elongatus subincurvus fistulosus glaber nudus pallescens. Huc plures species Auctor:, inter quas videtur referendus *A. congregatus* Bull: t. 94. quem inter indigenos enumerat Balb: el: p. 3., nec non *A. minutulus* Schæff: memoratus ab All: n. 2682. et Re fl: segus: p. 91., ac demum *A. tintinnabulum* Batsch: relatus a Balb: misc: bot: p. 66. et Re fl: tor: II. p. 307.

Series 6.ª

Coprinus (Velum universale fugax; lamellæ liberæ cum pileo diffluentes; asci magni segregati quaterna sporidiorum serie; sporidia nigra. *Stipes centralis*).

Obs: Cl: Fries pro hac serie subgenus statuit sub nomine *Agarici-Coprini.* Fungi fugaces sæpe gregarii

inquinantes, fimeta loca graminosa et truncos cariosos sæpius incolentes.

❋ 214. *A. comatus* = Mull: fl: dan: t. 834. = Fries l. c. p. 307. Spr: l. c. 463. = *A. typhoides* Bull: t. 582. f. 2. (In hortis, ruderatis et ad sepes *Eur*: et *Amer*: Aug: - Oct: *Pedem*: in collibus *Taurin*: ac in hortis passim Balb: misc: bot: p. 66. et fl: taur: p. 216. sub *A. typhoideo*. Re fl: tor: II. p. 295. sub *A. comato*. Primovere post ingentes pluvias intus et extra claustrum Cartusiæ *Pisii* Cum: spec: p. 10. sub *A. porcellaneo* ex Schæff: In hortis et sylvis Biroli fl: acon: II. p. 212. sub *A. typhoideo*). Major gregarius, pileus campanulatus conicus sub-carnosus albidus in squamas comatas flavidas secedens lamellis demum purpurascentibus liquorem nigrum stillantibus, stipes crassiusculus fibrillosus sursum attenuatus basi sub-bulbosus annulo mobili.

❋ 215. *A. atramentarius* = Bull: t. 164. = Fries l. c. p. 308. = Spr: l. c. (Ad pagos et truncos arborum copiose Jun: - Dec: *Pedem*: locis umbrosis ad pratorum margines Balb: misc: bot: p. 65. et fl: taur: p. 216. Re fl: tor: II. p. 295. sub *A. Coprino plicato*. Biroli fl: acon: II. p. 212. In herbidis et pascuis autumn: post pluvias in valle *Pisii* Cum: spec: p. 9.). Differt a priori, cui valde affinis, colore pilei *pallidiore* ejusque squamis *adpressis* nec comatis, stipite *æquali exannulato*.

❋ 216. *A. deliquescens* = Bull: t. 558. f. 1. = Fries l. c. p. 309. Spr: l. c. 464. = *A. fuscescens* Schæff: fung: t. 17. (Ad terram ad truncos Aug: - Oct: *Pedem*: similibus locis All: n. 2695. sub *A.*

fuscescente. In ambulacro *Valentini* sub Ulmis Balb: misc: bot: p. 65. In pratis et hortis toto anno Bald: fl: taur: p. 217. Re fl: tor: II. p. 305. Biroli fl: acon: II. p. 213. omnes sub *A. deliquescente*). Generatim priori paullo minor sed vix diversus pileo fuligineo striato sub-squamoso, lamellis linearibus lucido-nigris. Huc trahit Steud: ex Bull: *A. locerum* Schæff: a Fries et Spr: omissum, et in agris pedemontanis repertum ab All: n. 2669.

❋ 217. *A. micaceus* = Bull: t. 246. et 565. = Fries l. c. p. 309. Spr: l. c. = Viv: fung: p. 24. t. 24. f. 7. 8. 9. *A. lignorum* Scop: et Schæff: fung: t. 66. *A. truncorum* Scop: et Schæff: fung: t. 6. (Ad truncos alibique communis Maj:-Nov: *Pedem*: ad radices arborum putrescentium All: n. 2712. sub *A. lignorum* et n. 2739. sub *A. truncorum.* Balb: misc: bot: p. 66. et fl: taur: p. 216. Biroli fl: acon: II. p. 212. Cum: spec: p. 68. omnes sub *A. micaceo.* In pratis et in hortis Re fl: tor: II. p. 295. sub *A. coprino-ferrugineo*, et in sylvis umbrosis p. 296. sub *A. congregato. Ligur*: Viv: l. c.). In hoc pileus est *sulcatus* lutescens dein ferrugineus vertice *micans;* ceterum etiam colore varians et vix certa diagnosi a duobus præcedentibus definiendus. Huc inter alios referendus sec: Steud: *A. pseudo-extinctorius* DC. inter indigenos enumeratus a Balb: el: p. 3., et *A. succineus* pariter relatus a Balb: misc: bot: p. 64. et a Re fl: tor: II. p. 307.

❋ 218. *A. cinereus* = Bull: t. 88. = Schæff: fung: t. 100. = Fries l. c. p. 310. Spr: l. c. *A. fimetarius* L. (In fimo et in sylvis ad truncos vulgaris

Jul: - Oct: *Pedem*: in fimo All: n. 2733. sub *A. fimetario*, et in montibus locis humidis n. 2734. sub *A. cinereo*. Re fl: segus: p. 91. sub *A. fimetario*. In pratis sylvis et ruderatis Biroli fl: acon: II. p. 212.). Medius plerumque solitarius, pileus membranaceus conicus striatus demum lacero - revolutus cinereus furfuraceo - sub - tomentosus vertice lævis lamellis linearibus punctatis, stipes elongatus basi incrassatus villosus candidus. Huc pertinet *A. margaritaceus* Schæff: enumeratus ab All: n. 2735. in quo pileus purpureo - griseus centro fuscescens, lamellæ nigricantes; et forsan etiam *A. rufo-candidus* Schæff: inter stirpes pedemontanas enumeratus ab All: n. 2736.

❋ 219. *A. narcoticus* = Basch: C. 1. f. 77. = Fries l. c. p. 311. = Spr: l. c. (In fimo locis nemorosis Sept: - Oct: *Pedem*: similibus locis Balb: el: p. 3.). Pileus obtusus recurvato-squamulosus villoso-albus dein nudus striatus lamellis nigricantibus, stipes longiusculus æqualis subulatus sub-villosus. Odore omnium gravissimo ab affinibus statim dignoscitur.

❋ 220. *A. ephemeroides* = Bull: t. 582. f. 1. = Fries l. c. p. 313. = Sub *A. disseminato* var: Spr: l. c. 465. (In fimetis *Galliæ*. *Pedem:* similibus locis Balb: el: p. 3.). Parvus cæspitosus, pileus cucullato-ovatus conicus dein revolutus squamulosus albidus disco luteo lamellis nigricantibus, stipes linearis intus filum hirsutum recondens (Bull: f. E F G) annulo integro.

❋ 221. *A. ephemerus* = Bull: t. 542. f. 1. = Fries l. c. p. 313. Sub *A. disseminato* var: Spr: l. c. = *A. momentaneus* Bull: t. 128. var: *A. stercorarius*

Scop: non Fries nec Bull: (In stercorariis Maj: - Oct: *Pedem*: iisdem locis Balb: fl: taur: p. 217. Biroli fl: acon: II. p. 213. Re fl: tor: II. p. 296. sub *A. coprino-ephemero.* Locis pinguibus et in horto magno *Valentini* Balb: de crep: p. 21. sub *A. momentaneo*). Differt a priori statura adhuc *minori*, pileo *fisso-striato*, stipite longiori filiformi *exannulato* nec intus filo hirsuto prædito. Huc esse referendum *A. momentaneum* Bull: monuit etiam cl: Balb: in fl: taur: l. c.

✻ 222. *A. radiatus* = Bull: t. 39. f. c. = Fries l. c. p. 315. Sub *A. disseminato* var: Spr: l. c. = *A. stercorarius* Bull: t. 68. et 542. f. 2. non Scop: nec Fries (Copiose in fimo Maj: - Oct: *Pedem:* iisdem locis Balb: misc: bot: p. 65. et fl: taur: p. 217. Cum: spec: p. 9. sub *A. stercorario.* Re fl: tor: II. p. 296. sub *A. coprino-radiato.* Biroli fl: acon: II. p. 213. sub *A. stercorario*). Præcedenti valde affinis, sed omnium hujusce sectionis tenerrimus ut solo halitu flaccescat, pileus junior ovatus sordide ochraceus dein planus, laminæ paucæ pileo fisso distantes.

Series 7.ª

Gomphus (Velum sub-universale fugacissimum;
lamellæ distinctæ longe decurrentes;
asci majusculi; sporidia nigra fusiformia.
Stipes centralis).

Obs: Pariter pro hac serie cl: Fries sub-genus constituit nomine *Agarici-Gomphi.* Fungi majores solitarii terrestres persistentes vix edules.

❋ 223. *A. glutinosus* = Schæff: fung: t. 36. = Fries l. c. p. 315. = Spr: l. c. 463. non Bull: nec DC. (In pinetis frequens Jul: - Nov: *Pedem:* in nemoribus umbrosis autumn: All: n. 2740.). Pileus carnosus obtusus depressus glutinosus purpureo - fuscus lamellis ramosis albido - cinereis, stipes solidus elongatus albidus basi incrassato - velatus. Variat stipite nigro squamoso, tum etiam statura minore, pileo roseo, stipite sub - carneo (*A. roseus* Nees).

❋ 224. *A. rutilus* = Schæff: fung: t. 55. = Fries l. c. p. 315. = Spr: l. c. 463. *A. viscidus* L. fl: suec: 1229. (In pinetis Aug: - Oct: *Pedem:* in sylvis frequens All: n. 2726. sub *A. viscido.* Re fl: segus: p. 91. sub eod:). Differt a priori pileo *umbonato minus* viscoso *fusco-rufo*, lamellis *umbrinis*, stipite *squamoso-fibrilloso.*

Species pedemontanæ
ex prædecessoribus meis mihi valde dubiæ
etiam quoad locum in methodo.

Illas enumero ordine alphabetico.

❋ 225. *A. brevipes* = Bull: t. 521. f. 2. = Balb: el: p. 3. Omissus a Fries et Spr: Inter dubios Steud:

❋ 226. *A. brunneus* = Schæff: fung: t. 32. non Fries (In humidis autumn: All: n. 2694.). Omissus a Spr: *A. adustus* Batsch: et *campanulatus* Huds: sec: Steud: sed planta All: non quadrat cum descr: Fries de hisce stirpibus; an potius *A. galericulati* var: sec: ipsum Steud: in nota? Videtur. *A. brunneus* Fries l. c. p. 211. pertinere videtur ad *A. callosum.*

❋ 227. *A. coccineus* = Scop: carn: II. p. 436. (Valle *Pisii* in irriguis muscosis ac opacis montanis et subalpinis æstate Cum: spec: p. 5.). Minor tenerrimus, pileus campanulatus lævis coccineus lamellis albidis vel pallide luteis; stipes filiformis fistulosus flavescens. Enumeratus a Fries p. 161. inter dubios ad calcem *Omphalariarum*. An *A. acicula* Schæff: t. 222. sec: Steud:?

❋ 228. *A. cylindricus* = Schæff: fung: t. 8. (In agris et pratis sterilibus All: n. 2730.). *A. extinctorius* Bolt: sec: Steud:; hic autem *A. nutans* var: Fries sec: Spr: l. c. 463. sed non quadrat; in planta All: stipes *annulatus*, in *nutante nudus*.

❋ 229. *A. discolor* = Cum: spec: p. 3. (In valle *Pisii* Oct: ad Castanearum caudices rarus Cum: l. c.). Ab aliis Auctoribus omissus, pileus fuscescens lævis planus revolutus ad oras sericeus lamellis crebris albo-flavescentibus, stipes farctus basi attenuatus.

❋ 230. *A. elatior* = Cum: spec: p. 3. t. 1. (In valle *Pisii* sine loci indicatione Cum: l. c.). Pariter ab aliis omissus; medius, pileus planus fulvus in disco rubescens margine tandem lacerus lamellis arcuatis sub-decurrentibus triplici ordine concoloribus, stipes elatiusculus farctus albescens fulvo-lineatus.

❋ 231. *A. fagorum* = Cum: spec: p. 3. (Valle *Pisii* in sylvis fagineis æstate et autumno Cum: l. c.). Medius vel major terrestris vel parasiticus, pileus convexus demum planus umbonatus griseo-fuscus lamellis brevibus albis tandem rubescentibus, stipes farctus coriaceus in terrestribus longiusculus in parasiticis brevior pileo latiore.

❀ 232. *A. fragilis* = All: n. 2687. ex L. (Ad ligna putrida æstate et autumno All: l. c.). Non quadrat nec cum *A. fragili* Fries l. c. p. 57. nec cum alio *fragili* ejusdem Auctoris p. 269.

❀ 233. *A. griseus* = All: n. 2693. ex Schæff: non alior: (In sylvis ad radices arborum All: l. c.). Omissus a Spr: *A. melinoides* sec: Steud:, sed non quadrat cum descr: Fries p. 266. Stirps All: solitaria nec gregaria pileo convexo cinereo, lamellis concoloribus paucis, stipite tereti nec compresso fistuloso radicato. *A. griseus* Fries l. c. p. 158. videtur alia species.

❀ 234. *A. guttatus* = All: n. 2701. ex Schæff: non Pers: *A. asper* sec: Fries? (In altis nemoribus autumn: All: l. c.). Omissus a Spr:, inter dubios Steud: Solitarius carnosus, pileus planiusculus rubellus lacero - squamosus marginę striatus lamellis dimidiatis albidis, stipes farctus basi tuberosus albidus annulo destitutus. *A. guttatus* Pers: gaudet annulo supero guttato.

❀ 235. *A. gymnopodius* = Balb: el: p. 3. Quid?

❀ 236. *A. horizontalis* = Bull: t. 324. non alior: Balb: el: p. 3. sine loci indicatione (In truncis Pyri communis vere et autumno sec: Bull: et DC. fl: fr: n. 526.). Minimus fulvus, pileus convexus glaber lamellis latis inæqualibus sub-decurrentibus, stipes horizontalis apice sub - adscendens farctus cylindricus. Omissus a Spr:; inter dubios Steud: et Fries in indice.

❀ 237. *A. incrustatus* = Balb: el: p. 3. sine loci indicatione. An *A. incurvatus* Schum:? Tunc *A. coperatus* Pers: Vid: Fries l. c. p. 241.

❋ 238. *A. laceratus* = Scop: carn: II. p. 439. (In abiegnis sylvis vallis *Pisii* æstate Cum: spec: p. 5.). Omissus a Spr:; inter dubios Steud: Monstruositas *A. conici* sec: Fries l. c. p. 106. Cæspitosus tener, pileus depressus margine demum lacerus fuscus lamellis subcrenatis albescentibus, stipes fistulosus nudus.

❋ 239. *A. minor* = Bull: t. 330. (In valle *Pisii* ad sylvas fagineas, et in montibus æstate Cum: spec: p. 12.). Stirpem hanc non video enumeratam ab Auctor: Minor sub-solitarius, pileus convexus umbonatus ex cervino cærulescens araneosus lamellis latis raris cinnamomeis sub-decurrentibus, stipes farctus cylindricus pileo concolor.

❋ 240. *A. nanus* = Cum: spec: p. 12. non Bull: nec Pers:? (Valle *Pisii* in sylvis fagineis autumn: Cum: l. c.). Lactescens, pileus inæqualis sub-lateralis carnosus bicolor ex albicante ferrugineo lamellis albis, stipes brevissimus farctus lamellis concolor. Non quadrat nec cum *A. nano* Bull: (*A. torquatus* Fries), nec cum *A. nano* Pers: et Fries.

❋ 241. *A. nitens* = All: n. 2676. ex Schæff: non Sowerb: nec Bull: *A. glutinosus* Hoffm: non Schæff: sec: Steud: (In sylvis autumn: All: l. c.). Edulis sec: All: solitarius, pileus sub-carnosus convexus viscidus flavido-albus lamellis crassis ramosis concoloribus, stipes farctus teres curvulus basi incrassatus nudus. Quid in Fries et Spr:?

❋ 242. *A. nitidus* = Cum: spec: p. 12. non Pers: (In valle *Pisii* supra truncos fagineos Cum: l. c.). Inter *annulatos* et *volvatos* stirpem hanc enumerat

cl: Cum:, sed ejus phrasis prorsus manca; icones fl: dan: et Battar: ab ipso citatæ de illa certiorem me reddere nequeunt; certe *A. nitidus* Pers: inter *Russulas* descriptus a cl: Fries p. 55. longe distat.

❋ 243. *A. pallescens* = Cum: spec: p. 14. non Schæff: nec Sw: (In valle *Pisii* Octobr: Cum: l. c.). Medius lactescens villosus, pileus tenerrimus umbilicatus margine repandus albo-pallidus lamellis albo-lactifluis, stipes fistulosus concolor. *A. pallescens* Schæff: pertinet ad *A. disseminatum* sec: Steud: et enumeratur ab All: n. 2728. sub primo nomine. *A. pallescens* Sw: est *A. prunuli* var:

❋ 244. *A. pellucidus* = Cum: spec: p. 4. non Bull: (In valle *Pisii* ad semitas castanearum sylvarum brumali tempore post pluvias Cum: l. c.). Medius tenerrimus pellucidus, pileus convexo-planus murinus disco albescens lamellis dentatis albis demum rubescentibus, stipes fistulosus coriaceus albus superne circa lamellas pulverulentus. Stirps distinctissima ab *A. pellucido* Bull: t. 550. f. 2. in quo stipes *farctus*, pileus *campanulatus* demum *umbonatus rufescens*, lamellæ *integræ*.

❋ 245. *A. perennis* = Cum: spec: p. 16. ex Gmel: (In valle *Pisii* ad truncos quercinos in *Grangia tectorum*). Sessilis dimidiatus colore et magnitudine varius, pileus planus coriaceus sericeus zonatus lamellis pallidioribus longe anastomosantibus. Omissus a recentioribus saltem sub allato nomine.

❋ 246. *A. pezizoides* = Cum: spec: p. 7. t. 1. non Nees (In valle *Pisii* inter congesta folia putrida

Pteridis aquilinæ supra montem *B. Antonii* rarus Cum: l. c.). Minor solitarius vel geminus, pileus pyxidatus coriaceus nitens griseus lamellis tenuissimis creberrimis decurrentibus pileo concoloribus, stipes (an farctus?) superne griseus inferne candidus quasi mucrone obtectus. A recentioribus omissus; *A. pezizoides* Nees constanter gregarius toto cœlo differt stipite *nullo*, pileo *olivaceo-fusco* extus *granuloso*, lamellis *crassis ventricosis distantibus.*

❋ 247. *A. pilosulus* = Balb: de crep: p. 22. ex Gmel: (In sylvis *Stupinixii* Balb: l. c. Re fl: tor: II. p. 306.). Omissus a recentioribus. Terrestris gregarius fusco-cinerascens, pileus convexus ad latera late plicatus margine dentatus lamellis inæqualibus, stipes filiformis fistulosus ad latera inferne pilis albis obsitus.

❋ 248. *A. piluliformis* = Bull: t. 112. (In sylvis collium *Taurin*: Balb: el: p. 3. Re fl: tor: II. p. 306.). Cæspitosus sæpius super muscos ad terram parvus, pileus sub-sphæricus rufescens margine albus lamellis albidis liberis, stipes cylindricus æqualis fistulosus albus. Omissus a Spr:; inter dubios Steud: *A. denigratus* Pers: sec: Fries in indice.

❋ 249. *A. semiorbicularis* = Bull: t. 422. f. 1. (Ad semitas vulgaris ubique in agro *Taurin:* Balb: fl: taur: p. 218. Re fl: tor: II. p. 306. inter *Pleuropos.* In valle *Pisii* Cum: spec: p. 68.). Minor sub-solitarius, pileus sub-hemisphæricus nitens flavescens lamellis latis liberis griseis demum flavidis sæpius variegatis, stipes cylindricus æqualis fistulosus excorticabilis pileo concolor. Omissus a Spr:; inter dubios

Steud: *A. arvalis* Fries l. c. p. 263. sec: Auctorem in indice.

❋ 250. *A. subacris* = Cum: spec: p. 14. (In muscosis claustris Cartusiæ *Pisii* rarus Cum: l. c.). Minor albi - et sub-acri-lactifluus, pileus convexus demum planus cinereo - rubescens disco obscuriore lamellis crebris triplici ordine albo-rubescentibus, stipes lamellis concolor. Ab omnibus omissus.

❋ 251. *A. tricolor* = Cum: spec: p. 8. t. 1. (Cum præcedenti supra putridas fagineas quisquilias et ligna Cum: l. c.). Priori paullo major non lactifluus, pileus convexus viscosus tricolor lamellis fuscis latis sub - undulatis, stipes farctus cylindricus pileo concolor. *A. tricolor* Fries l. c. videtur diversus; an *A. tricolor* Bull:? tunc *Dædalea sepiaria* Fries.

❋ 252. *A. viscosus* = Cum: spec: p. 12. (Valle *Pisii* locis opacis in castanearum sylvis juxta semitam *della Pagetta* haud frequens). Medius albo - et acri - lactifluus, pileus planus umbilicatus viscidus albescens sub - pellucidus lamellis medio concavis concoloribus demum cinnamomeis, stipes fistulosus albus media parte in terra latens.

II. CANTHARELLUS Fries syst: mycol: I. p. 316. = Lam: ill: t. 883. = *Agarici*, *Pezizæ*, et *Helvellæ* spec: nonnullæ Auctor: = *Merulii* spec: Spr: syst: n. 3471.

» *Hymen*: venosum, plicis vel rugis dichotomis
» sub-paralellis. »

Obs: Genus constans ex FRIES 25. circiter stirpibus; fungi carnosi vel membranacei, stipitati vel sessiles, velo nullo, ascis majusculis, sporidiis albis.

A *Meropus* (Stipes centralis in pileum expansum distincte marginatum infundibuliformem vel demum depressum diffusus; plicæ decurrentes).

❋ 1. *C. umbonatus* = Pers: disp: p. 26. = Fries l. c. p. 317. Sub *Merulio* Spr: syst: IV. 466. = *Agaricus muscoides* Wulf: in Jacq: coll: II. t. 16. f. 1. (Inter muscos humidos Aug:-Nov: vulgaris. *Sabaud*: BONJEAN in litt: sub *Merulio*). Pileus leviter carnosus umbonatus cinereo-nigricans, stipes farctus, plicæ strictæ latiusculæ candidæ.

❋ 2. *C. aurantiacus* = Fries l. c. p. 318. = Sub *Merulio* Spr: syst: IV. 466. = *Agaricus cantharelloides* Bull: t. 513. f. 2. (In pinetis et graminosis vulgaris Aug: - Nov: *Ligur*: iisdem locis VIV: in litt:). Major venenatus, pileus carnosus sub-depressus aurantiacus tomentosus plicis strictis repetito - dichotomis, stipes farctus sub-incurvus demum nigrescens.

❋ 3. *C. cibarius* = Fries l. c. p. 318. = Viv: fung: p. 45. t. 41. *Agaricus Cantharellus* L. suec: 1207. = Bull: t. 62. et 505. Ic: taur: vol. 12. t. 82. f. 6.

Merulius Cantharellus Spr: l. c. 465. Vern: *Galitola* (In sylvis ubique Jul: - Nov: *Pedem*: similibus locis All: n. 2674. Re fl: segus: p. 91. Cum: spec: p. 68. sub *Agarico Cantharello*. Balb: fl: taur: p. 213. Re fl: tor: II. p. 307. Biroli fl: acon: II. p. 225. sub *Merulio Cantharello*. In pinetis, fagetis *Ligur*: Viv: l. c. *Sabaud*: Huguen: et Bonjean in litt:). Medius gregarius edulis totus vitellinus, pileus carnosus sub-repandus glaber plicis tumidis, stipes solidus cylindricus plus minus elongatus basi incrassatus.

❋ 4. *C. tubæformis* = Fries l. c. p. 319. = Sub *Helvella* Bull: t. 461. *Merulius fuligineus* var: Spr: l. c. 466. = *Agaricus degener* Schæff: fung: t. 243. sec: Steud: (Ad terram et ligna putrida vulgaris Aug:-Nov: *Pedem:* similibus locis All: n. 2732. sub *Agarico degenere*. *Ligur*: cum priori Viv: in litt: *Sabaud:* Bonjean in litt:). Minor gregarius sub-cæspitosus sub-membranaceus ruguloso-squamosus ex flavo fuligineus plicis rectis distantibus, stipes fistulosus valde inæqualis elongatus lævis semper flavus.

❋ 5. *C. pusillus* = Fries l. c. p. 321. = Sub *Merulio* Spr: l. c. 467. = Ic:? (In terra nuda raro Sept: *Pedem*: supra lapides circa *Venariam* Re app: III. p. 19. sub *Merulio*). Solitarius parvus, pileus sub-villosus griseus subtus lævis cæsius plicis obsoletis, stipes solidus cinerascens.

❋ 6. *C. undulatus* = Fries l. c. p. 321. = *Merulius crispus* var: Spr: l. c. = *Helvella crispa* Bull: t. 465. f. 1. (In terra nuda passim fere perennis. *Pedem*: in sylvis vineæ *Righini* collium *Taurin*: Re app: I. p. 50. et fl: tor: II. p. 308. sub *Merulio*. Balb: el:

p. 11. sub *M. crispo* et *undulato*. In valle *di S. Nazzaro di Borgondi* secus *Padum* var: colore fulvo Biroli fl: acon: II. p. 233. sub *Helvella crispa*. *Sabaud:* Bonjean in litt:). Priori major, pileus coriaceo-membranaceus undulatus vel crispus rufescens subtus rugosus, stipes solidus pileo concolor.

❋ 7. *C. lutescens* = Fries l. c. p. 320. = Sub *Merulio* Spr: l. c. 466. ex Pers: aliique. = *Helvella cantharelloides* Bull: t. 473. f. 3. (In udis et sphagnosis sylvarum frequens Jul:-Nov: *Pedem*: similibus locis Balb: misc: alt: p. 41. et fl: taur: p. 210. sub *Helvella cantharelloidea*. In valle *Patonera* Re fl: tor: II. p. 307. sub *Merulio lutescente*. *Ligur*: Viv: in litt: *Sabaud:* Huguen: et Bonjean in litt:). Minor, pileus sub-membranaceus undulatus sub-floccosus fusco-lutescens plicis venosis implexis flexuosis, stipes fistulosus compressiusculus inæqualis luteus.

❋ 8. *C. cinereus* = Fries l. c. p. 320. = Sub *Merulio* Spr: l. c. ex Pers: aliique = *Helvella Hydrolips* Bull: t. 465. f. 2. (In sylvis muscosis Oct: *Pedem*: similibus locis Re fl: tor: II. p. 307. sub *Merulio*. In umbrosis sylvis vallis *Patonera* prope *Cavoretto* Balb: de crep: p. 16. et fl: taur: p. 209. sub *Helvella Hydrolips*. *Ligur*: Viv: in litt: *Sabaud*: Bonjean et Huguen: in litt:). Differt a priori pileo *pervio squamuloso*, stipiteque *nigrescente*, plicis *distantibus cinereis*.

❋ 9. *C. cornucopioides* = Fries l. c. p. 321. = Sub *Merulio* Spr: l. c. ex Pers: aliique. Sub *Peziza* L. = Sub *Helvella* Bull: t. 150. et 498. f. 3. (In sylvis ubique. *Pedem*: iisdem locis All: n. 2765. Speciatim in nemoribus *Venariæ* Balb: fl: taur: p. 209.

In sylvis *Novariens*: Biroli fl: acon: II. p. 233. omnes sub *Helvella*. Re fl: segus: p. 92. sub *Peziza* et fl: tor: II. p. 307. sub *Merulio*. *Ligur:* Viv: in litt: *Sabaud*: Huguen: et Bonjean in litt:). Cæspitosus magnitudine varius; pileo *umbrino-nigro*, plicis *obsoletis* distinguitur ab affinibus.

B *Pleuropus* (Stipes lateralis verticalis vel nullus; pileus expansus tenuis sub-membranaceus inæqualis).

❀ 10. *C. crispus* = Pers: ic: et descr: t. 8. f. 7. = Fries l. c. p. 323. = Spr: l. c. 467. sub *Merulio* (Ad ramulos Betulæ, Fagi etc. Oct: - Feb: *Sabaud*: Bonjean in litt: sub *Merulio*). Sub-imbricatus difformis villosus rufescens margine plicisque dichotomis crispis albidis.

❀ 11. *C. muscigenus* = Fries l. c. p. 323. = Sub *Merulio* Spr: l. c. 467. ex Pers: aliique = *Helvella dimidiata* Bull: t. 498. f. 2. (Ad muscos, tecta straminea etc. Oct: - Nov: *Pedem:* supra muscos et præsertim supra Bryum murale Re fl: tor: II. p. 308. sub *Merulio*. Bale: misc: bot: p. 60. et fl: taur: p. 209. sub *Helvella dimidiata*. *Sabaud*: Huguen: in litt:). Parvus membranaceus tenax, pileus dimidiatus pallescenti-fuscus plicis ramosis, stipes brevis crassiusculus basi villosus subinde nullus.

❀ 12. *C. retirugus* = Fries l. c. p. 324. = Sub *Merulio* Spr: l. c. ex Pers: aliique = Sub *Helvella* Bull: t. 498. f. 1. (Supra muscos, stipulas etc. *Pedem*: in paludosis *Stupinixii* muscis superincumbit Re fl: tor: II. p. 308. sub *Merulio*. Bale: de crep: p. 16.

et fl: taur: p. 209. sub *Helvella. Albæ* supra Salicum truncos BERTER: sec: RE app: II. p. 220.). Sessilis membranaceus tenuissimus sub-rotundus lævis margine integro demum varie fisso albido-cinereus plicis tenellis obscurioribus reticulatis.

❋ 13. *C. lævis* = Fries l. c. p. 324. = *Thelephora muscigena* Pers: syn: p. 572. = Sub *Merulio muscigeno* Spr: l. c. ex Pers: male (Inter muscos Sept:-Nov: *Pedem:* similibus locis BALB: el: p. 11. sub *Thelephora muscigena. Sabaud*: HUGUEN: in litt:). Exiguus sessilis sub-verticalis mollis planus candidus plicis obsoletis. *Merulius muscigenus* PERS: pertinet ad *Cantharellum muscigenum* FRIES.

❋ 14. *C. bryophylus* = Fries l. c. p. 325. = Sub *Merulio* Spr: l. c. ex Pers: syn: = Sub *Agarico* Pers: obs: 1. p. 8. t. 3. f. 1. (Ad muscos. *Pedem*: iisdem locis BALB: misc: bot: p. 68. et fl: taur: p. 215. RE fl: tor: II. p. 294. BIROLI fl: acon: II. p. 209. omnes sub *Agarico*. *Sabaud*: HUGUEN: in litt:). Differt a priori vertice *porrecto-stipitato*, plicis *distinctis radiatis.*

❋ 15. *C. tenellus* = Fries l. c. = Sub *Merulio* DC. fl: fr: II. p. 132. = Fl: dan: t. 1295. f. 2.? (Ad trabes putridas. *Sabaud*: HUGUEN: in litt:). Minimus sessilis fragilis sub-gelatinosus nigrescens plicis prominulis inæqualibus radiantibus.

❋ 16. *C. pezizoides* = Pers: syn: p. 493. = Fries l. c. p. 326. inter dubios (*Sabaud*: BONJEAN in litt: sub *Merulio*). Obconicus glauco-albidus disco depresso venoso. Mihi ignotus.

III. Merulius Fries syst: mycol: I. p. 326. = *Merulii* pars Spr: syst: n. 3471. = Lam: ill: t. 883.

» *Hymen:* venosum, plicis sub - poriformibus fle-
» xuosis interrupte ascigeris. »

Obs: Genus vix a *Cantharellis* distinguendum structura plicarum, constans ex Fries 10. stirpibus; fungi tenues sub - floccosi, pileo sessili resupinato effuso, ligna putrida et cariosa incolentes. Circa stirpes pedemontanas nil certi statuere possum. In *Sabaud*: crescunt *M. serpens, lacrymans*, et *tremellosus* Fries l. c. p. 327. et 328. sec: Huguen: in litt:; in primo colore *rubescente* plicæ sunt *rugæformes* demum *porosæ;* in secundo majori ac *flavo-ferrugineo*, plicæ sunt valde *ampliores poroso - sinuatæ;* in tertio *albo* plicæ sunt *sub - poriformes acutæ rubicundæ.*

IV. Schizophyllum Fries syst: mycol: I. p. 330. = Spr: syst: n. 3470. = *Agarici* spec: L.

» *Hymen*: lamellatum; *lamellæ* longitudinaliter bi-
» fidæ sc: e membrana duplici revolutæ; *velum* nul-
» lum; *sporidia* alba. »

Obs: Genus constans unica specie seq:

❀ 1. *Sch: commune* = Fries l. c. = Spr: syst: IV. 465. *Agaricus alneus* L. fl: suec: 1242. aliique = Bull: t. 346. et 581. f. 1. (Ad truncos præsertim Alni per omnem terrarum orbem. *Pedem*: similibus locis All: n. 2741. Balb: fl: taur: p. 214. Re fl: segus: p. 91. et fl: tor: II. p. 303. Biroli fl: acon: II. p. 209. omnes sub *Agarico alneo. Ligur:* Viv: in litt: *Sabaud*: Huguen: et Bonjean in litt:). Gregarius parvus coriaceus,

pileus dimidiatus sub-sessilis tomentosus albido-griseus margine sæpe multifidus lamellis purpurascenti-cinereis villosis; quandoque brevem stipitem exerit.

V. Dædalea Pers: syn: p. 499. = Fries syst: mycol: I. p. 331. = Spr: syst: n. 3472. = *Agarici* et *Boleti* spec: L.

» *Hymen:* sinuosum e lamellis anastomosantibus
» vel poris elongatis reticulatum. *Velum* nullum. *Spo-*
» *ridia* alba. »

Obs: Genus transitum faciens ab *Agaricis* ad *Polyporos*, constans ex Fries 30. stirpibus. Fungi suberosi vel coriacei tenaces raro stipitati, omnes fere lignicoli.

A *Stipitatæ.*

❋ 1. *D. biennis* = Fries l. c. p. 332. = Spr: l. c. 468. = Sub *Boleto* Bull: t. 449: f. 1. (Ad terram et ligna putrida. *Pedem*: in alnetis occurrit Bale: misc: bot: p. 61. *Ligur*: Viv: in litt:). Brevi-stipitata media, pileus suberosus globosus demum cyathiformis margine reflexus sub-velutinus sub-ferrugineus poris labyrinthiformibus cinereis, stipes obesus ferrugineus inferne lanatus. Huc spectat *Sisoctrema bienne* Re fl: tor: II. p. 314.

B *Dimidiatæ sessiles.*

α Agaricinæ lamellatæ.

❋ 2. *D. quercina* = Pers: syn: p. 500. = Fries l. c. p. 333. Spr: l. c. 469. Sub *Agarico* L. suec: 1241.

= Sowerb: t. 181. *A. labyrinthiformis* Bull: t. 352. et 442. f. 1. (Ad truncos præsertim Quercuum perennis. *Pedem:* similibus locis All: n. 2698. Re fl: segus: p. 91. sub *Agarico*. Balb: de crep: p. 21. et fl: taur: p. 214. Biroli fl: acon: II. p. 208. sub *A. labyrinthiformi*. Re fl: tor: II. p. 308. sub *Dædalea quercina*). Dimidiata magnitudine et substantia varia, pileus suberoso-rugulosus glaber pallens lamellis contortis implexis sinuosis hinc inde poris immixtis.

❋ 3. *D. betulina* = Rebent: Neom: p. 371. = Fries l. c. Spr: l. c. Sub *Agarico* L. suec: 1244. = Sowerb: t. 182. *A. coriaceus* Bull: t. 537. f. A (Cum priori præsertim ad Betulas Balb: fl: taur: p. 214. Re fl: tor: II. p. 304. Biroli fl: acon: II. p. 208. omnes sub *A. coriaceo*. *Sabaud*: Bonjean in litt:). Differt a priori statura generatim *minori*, substantia magis *coriacea*, pileo *zonato sub-villoso*, lamellis *rectis ramosis*; variat zonis concoloribus aut versicoloribus.

❋ 4. *D. sepiaria* = Fries l. c. = Spr: l. c. Sub *Agarico* L. suec: 1243. = *A. hirsutus* Schæff: fung: t. 76. *A. tricolor* var: Bull: t. 541. f. 2. (Ad ligna pinea putrescentia ubique perennis. *Pedem*: frequens in truncis arborum mortuarum All: n. 2742. sub *Agarico betulino* excl: syn: L. Biroli fl: acon: II. p. 208. sub *A. tricolore*. *Sabaud:* Bonjean in litt:). Magis accedit substantia ad *D. betulinam*, quam ad *quercinam*, sed differt statura generatim valde *majori*, pileo *strigoso-tomentoso* evidentius et elegantius zonato *spadiceo*, lamellis *ramosioribus anastomosantibus lutescentibus*.

❋ 5. *D. abietina* = Fries l. c. p. 334. = Spr: l. c.

= Sub *Agarico* Bull: t. 442. f. 2. et 541. f. 1. (Ad trabes abietinos præsertim. *Pedem*: similibus locis Re fl: tor: II. p. 304. sub *Agarico*). Suberoso-coriacea junior tomento umbrino obducta dein glabra nigrescens zonis concoloribus, lamellæ rectæ cinereo-pruinosæ subinde anastomosantes.

β Genuinæ sinuosæ vel porosæ.

❀ 6. *D. Bulliardi* = Fries l. c. p. 335. = Spr: l. c. = *Boletus suberosus* Bull: t. 482. (Ad truncos *Galliæ*. *Pedem*: similibus locis circa *Venariam* Re app: I. p. 51. sub *Boleto suberoso* et fl: tor: II. p. 309. sub *D. Bulliardi*. Biroli fl: acon: II. p. 226. sub *B. suberoso*). Junior mollis sub-aquosa dein suberosa sub-coriacea varians colore fulvo rutilo vel albo superne plerumque rugosa vel zonata, pori lati irregulares lacunis interjectis.

❀ 7. *D. unicolor* = Fries l. c. p. 336. = Spr: l. c. = Sub *Boleto* Bull: t. 408. et 501. f. 3. (Ad trunncos *Eur*: et *Amer*: bor: autumno. *Pedem*: iisdem locis Re fl: segus: p. 92. Speciatim in nemoribus *della Mandria*, atque in sylvis *di Alpignano* Re app: I. p. 50. In collibus non frequens Biroli fl: acon: II. p. 226. sub *Boleto*. *Sabaud*: Huguen: in litt:). Tota cinerea coriacea villosa concolori-zonata sinuosa sinulis inæqualibus sub-flexuosis demum laceris. Huc pertinet *Sisostrema cinereum* Pers: enumeratum a Balb: el: p. 11. et a Re fl: tor: II. p. 314.

❀ 8. *D. confragosa* = Pers: syn: p. 501. = Fries

l. c. p. 336. Spr: l. c. = *Boletus labyrinthiformis* Bull: t. 491. f. 1. (Ad truncos Sorbi torminalis præcipue. *Ligur*: Viv: in litt: *Sabaud:* Bonjean in litt:). Pileus suberoso-coriaceus zonato-scaber lateritio-fuscus sinulis labyrinthiformibus cinereis.

γ Polyporoideæ, sinulis porosis uniformibus.

❀ 9. *D. suaveolens* = Pers: syn: p. 502. = Fries l. c. p. 337. Spr: l. c. 470. = Sub *Boleto* Bull: t. 310. (Ad truncos Salicum autumn: *Pedem*: similibus locis Re fl: segus: p. 92. sub *Boleto* et fl: tor: II. p. 309. sub *Dædalea*. *Sabaud*: Huguen: in litt:). Coriaceo - suberosa glabra junior alba dein rufescens superne zonata scabra, pori irregulares elongati rufescentes. Vanillæ odorem scatet quem ætate amittit.

❀ 10. *Broussonetiæ* = Re fl: tor: II. p. 309. ex Cappelli (Supra corticem ligni Broussonetiæ papyriferæ in horto J. Molinerii Re l. c.). « Poris rhom- » boideis, stipite brevissimo, pileo plano margine ir- » regulariter lobato » Re. Plantam non vidi.

❀ 11. *D. latissima* = Fries l. c. 340. = *D. quercinæ* var: Spr: l. c. 469. = Ic:? (Ad paginam supinam truncorum muscosorum Fagi. *Sabaud:* Huguen: in litt:). Effusa suberosa crassa undulata ligneo-pallens poris sub-rotundis longissimisque flexuosis.

VI. Polyporus Fries syst: mycol: I. p. 341. = *Boleti* spec: Auctor:

» *Hymen:* porosum, poris concretis sub - rotundis » subinde laceratis. *Velum* nullum. *Asci* tenues spo- » ridiis exiguis. »

Obs: Genus a *Boleto* divulsum ex structura *Hymenii* reapse *porosi* nec *tubulosi*, constans ex Fries 120. circiter stirpibus.

A Favolus (Pori ampli 4-6-goni favum imitantes. Fungi fere omnes exotici.).

❋ 1. *P. squamosus* = Fries l. c. p. 343. = Sub *Boleto* Schæff: t. 101. 102. Spr: syst: IV. 473. = *B. juglandis* Bull: t. 19. 144. (Ad truncos arborum Jun:-Nov: *Pedem*: similibus locis Balb: fl: taur: p. 212. Cum: spec: p. 20. Re fl: tor: II. p. 313. Biroli fl: acon: II. p. 228. omnes sub *Boleto Juglandis*. *Ligur*: Viv: in litt:). Magnus solitarius vel cæspitosus, pileus coriaceo-carnosus irregularis sub-ochraceus fulvo-squamosus, pori irregulares pallidiores, stipes sub-lateralis obesus spongiosus albus demum nigrescens. Huc pertinet *B. caudicinus* Scop: et All: n. 2755.

B Microporus (Pori minuti sub-rotundi).

1. *Mesopus* (Stipes distinctus simplex sub-centralis; pori cum stipite contigui).

❋ 2. *P. Mori* = Fries l. c. p. 344. = Viv: t. 58. sec: Auctor: in litt: (Ad Morum albam montis *Baldi* Poll: pl: nov: p. 35. Ad eandem in *Ligur*: Viv: in litt:). Sessilis, pileus coriaceo-suberosus glaber luteus poris hexagonis.

❋ 3. *P. melanopus* = Fries l. c. p. 347. = Sub *Boleto* Pers: syn: p. 516. et ic: pict: t. 4. f. 1. =

B. umbilicatus Scop: carn: II. n. 1589. Pers: syn: p. 517. et ic: pict: t. 4. t. 2. Spr: syst: IV. 472. (Ad ramulos dejectos in sylvis. *Pedem*: iisdem locis All: n. 2753. sub *B. umbilicato*. *Sabaud*: Huguen: in litt:). Pileus carnosus sub-infundibuliformis umbilicatus in var: *β* sub-fuligineus poris albidis, stipes firmus sæpe excentricus nigrescens.

❀ 4. *P. fuligineus* = Fries l. c. 348. = Sub *Boleto* Pers: l. c. = *B. polyporus* Bull: t. 469. (*Gallia* ad terram. *Sabaud*: Huguen: in litt:). Pileus cupularis lævis fuligineo-cinereus poris albidis, stipes ventricosus glaber gracilis basi plerumque ferrugineus.

❀ 5. *P. perennis* = Fries l. c. p. 350. = Sub *Boleto* L. suec: 1245. Spr: l. c. = Fl: dan: t. 1075. f. 1. *B. coriaceus* Bull: t. 28. et 442. f. 2. aliique. *B. fimbriatus* Bull: t. 254. var: (Ad terram arenosam et truncos autumno vulgaris. *Pedem*: in sylvis collium præcipue inter vineam *Loza* et *Bertolotti* Re fl: tor: II. p. 311. In nemoribus *Ticini* super terram rarus Biroli fl: acon: II. p. 228. Ad semitas locis sabulosis sub *Fago Castanea* supra *Coasse* Bale: de crep: p. 18. omnes sub *B. fimbriato*. In sylvis abiegnis *Novallesæ* versus *Montpanté* Bellard: app: p. 74. sub *B. perenni*. *Ligur*: prope *Genuam* Viv: in litt: *Sabaud*: Huguen: et Bonjean in litt:). Solitarius vel gregarius medius, pileus coriaceus velutinus zonatus sæpius cinnamomeus intensitate valde varians poris demum laceris concoloribus, stipes inæqualis sub-tuberosus plerumque velutinus. In var: *fimbriata* margo pilei lacero-fimbriatus plerumque evadit.

2. *Pleuropus* (Stipes proprie lateralis; cetera ut in sect: præced:).

❋ 6. *P. rufescens* = Fries l. c. p. 351. = Sub *Sistotremate* Pers: ic: pict: t: 6. (Ad terram graminosam in quercetis *Sabaud*: Huguen: in litt:). Pileus coriaceus hirtus rugosus rufescens poris majusculis flexuosis laceris, stipes breviusculus sub-lateralis.

❋ 7. *P. varius* = Fries l. c. p. 352. = Sub *Boleto* Spr: l. c. ex Pers: = *B. aurantiacus* Schæff: t. 110. non Bull: *B. elegans* Bull: t. 46. pro var: a. *B. calceolarius* Bull: t. 360. et 445. f. 2. pro var: b. *B. lateralis* Bolt: t. 83. pro var: c. (Ad truncos frequens perenn: *Pedem*: valle *Pisii* supra Fagos Castaneas languentes Cum: spec: p. 24. sub *B. calceolario*. Ad arborum caudices Dec: initio Bale: fl: taur: p. 212. sub *B. calceolo*. Re fl: tor: II. p. 311. sub eod: Supra truncos Salicum prope *Padum* Re rel: Bellard: p. 6. sub *B. eleganti*). Maxime variabilis magnitudine colore et substantia, pileus generatim rigidus glaber lævis poris minutis sub-rotundis pallidis, stipes brevis deorsum abrupte niger. *B. nummularius* Bull: enumeratus a Cum: spec: p. 18. est sola var: tenuior pileo regulari stipite perpendiculari; ceterum et ipsa variat juxta descr: Cum:

❋ 8. *P. lucidus* = Fries l. c. p. 353. = Sub *Boleto* Curt: lond: t. 224. Spr: l. c. *B. variegatus* Schæff: fung: t. 263. *B. obliquatus* Bull: t. 7. f. 459. (Ad arborum truncos per omnem fere orbem. *Pedem:* similibus locis All: n. 2749. sub *Boleto variegato*. In

sylvis *Morettensibus del Galati* Balb: misc: bot: p. 62. In sylvis collium *Taurin*: prope *Eremum* Balb: fl: taur: p. 212. Re fl: tor: II. p. 313. omnes sub *B. obliquato. Sabaud*: Bonjean in litt:). Admodum polymorphus, pileus suberosus glaber nitidus plerumque reniformis sanguineus poris rotundis pallidis, stipes difformis vel etiam nullus. Huc pertinet *B. dimidiatus* The: repertus a Bellard: ad caudicem arboris circa ludum dictum *del Paramale* prope *Valentinum* (app: p. 74.). Huc etiam videtur referendus *B. nitens* Cum: spec: p. 27. inter varr: stipite nullo.

3. *Mercima* (Stipes cum pileo ramoso vel multiplici confluens. Fungi carnosi cæspitosi maximi).

❀ 9. *P. umbellatus* = Fries l. c. p. 354. = Sub *Boleto* Spr: l. c. 437. ex Pers: *B. ramosissimus* Scop: carn: II. n. 1598. = Schæff: fung: t. 111. 265. 266. non t. 127. 129. Vern: *Rascet* (In fagetis Sept: - Oct: *Pedem*: secus vias locis apricis frequentissime All: n. 2757. sub *Boleto ramosissimo*). Cæspites squarrosi densi spithamæi forma varia stipitibus ramosissimis basi coalitis, pilei integri plus minus depressi umbilicati fuliginei poris inæqualibus albis. Edulis.

❀ 10. *P. frondosus* = Fries l. c. p. 355. = Sub *Boleto* Spr: syst: IV. 474. aliique. = Fl: dan: t. 952. Viv: fung: p. 41. t. 36. *B. ramosissimus* Schæff: fung: t. 127. 129. Vern: *Orcion*, *Barberin* (Ad radices arborum præcipue Quercuum Sept: - Oct: *Pedem*: simi-

libus locis BELLARD: app: p. 73. Communis in *Ligur*: VIV: l. c. *Sabaud*: HUGUEN: in litt:). Vix differt a priori pileis *dimidiatis* nec *umbilicatis*. Huc refert cl: VIV: *B. ramosissimum* ALL: Ex ejus syn: et ex nomine vern: ad priorem potius ducendum esse arbitror. Ceterum uterque variat et facile commutantur. Edulis.

❋ 11. *P. giganteus* = Fries l. c. p. 356. = Sub *Boleto* Pers: syn: p. 521. Spr: l. c. = *B. acanthoides* Bull: t. 486. (Ad basim truncorum æstate. *Pedem:* in sylvis vallis *Pisii* circa Cartusiam RE rel: Bellard: p. 6.). Cæspites maximi ramoso-imbricati, pilei latissimi difformes lobati sub-zonati rivulosi spadiceo-pallidi poris inæqualibus pallescentibus dein laceris, stipes crassus brevissimus inæqualis suberosus radicatus.

❋ 12. *P. cristatus* = Fries l. c. p. 356. = Sub *Boleto* Schæff: fung: t. 316. 317. = Spr: l. c. aliique (In fagetis umbrosis rarus autumn: *Pedem*: BALB: el: p. 10. sine loci indicatione). Imbricato-multiplex, pilei difformes sub-tomentosi virescentes poris niveis dein laceris sulphureis, stipes irregularis albo-pruinatus demum fuscus.

❋ 13. *P. sulphureus* = Fries l. c. p. 357. = Sub *Boleto* Bull: t. 429. = *B. citrinus* Pers: syn: p. 454. Spr: l. c. (Ad arborum truncos æstate. *Pedem*: in valle *Pisii* supra Pinos sylvestres et abietes CUM: spec: p. 24. sub *B. sulphureo*. Ad palos horti botanici *Taurin*: et prope *Eremum* RE fl: tor: II. p. 315. sub *B. citrino*. *Sabaud:* HUGUEN: et BONJEAN in litt:). Multiplex sub-sessilis, pilei lati imbricati dimidiati glabriusculi flavo-rubelli poris planis sulphureis.

❋ 14. *P. imbricatus* = Fries l. c. p. 357. = *Boletus imbricatus* et *ramosus* Bull: t. 366. et 418. = *B. citrinus* var: Spr: l. c. (Ad truncos arborum præsertim Fraxini autumn: *Pedem*: in collibus *Taurin*: Bale: misc: bot: p. 62. et fl: taur: p. 212. Re fl: tor: II. p. 313. In fodinis *di Alagna* Biroli fl: acon: II. p. 226. omnes sub *B. ramoso*). Vix differt a priori pileis angustioribus et longioribus *sinuatis undulatisque luteo-fulvis*, poris *pallidioribus*; *B. ramosus* Bull.: est mera var: monstruosa.

4. *Apus* (Pileus dimidiatus sessilis lateralis. Fungi varii lignatiles).

❋ 15. *P. betulinus* = Fries l. c. p. 358. = Sub *Boleto* Bull: t. 312. Spr: l. c. 475. = *B. suberosus* Wulf: (Ad Betulas frequens æstate. *Pedem*: iisdem locis in montanis Biroli fl: acon: II. p. 228. sub *Boletò betulino*. Circa *la Veneria* Re app: I. p. 51. sub *B. suberoso*). Magnitudine et forma varius etiam maximus, pileus carnosus glaber epidermide separabili rufescente tectus quandoque oblique et brevissime stipitatus poris minutissimis inæqualibus albis.

❋ 16. *P. hispidus* = Fries l. c. p. 362. = Sub *Boleto* Bull: t. 493. pro var: *rubra* et 210. pro var: *lutea* = Spr: l. c. 476. *B. hirsutus* Scop: carn: II. n. 1593. (Ad truncos arborum æstate. *Pedem*: in valle *Pisii* Fagis et Abietibus insidet Cum: spec: p. 23. sub *Boleto*. In sylvis *Burgimaxini* ad caudices Castanearum Bellard: app: p. 71. sub *B. hirsuto*. In agro *Campolatensi* super truncos Juglandis Biroli fl: acon:

II. p. 228 sub *B. hispido. Sabaud:* HUGUEN: in litt:). Magnus carnoso - fibrosus crassus villoso - ferrugineus demum nigricans poris sub-rotundis secedentibus pallidis. Variat lutescens vel fuscescens.

❋ 17. *P. nidulans* = Fries l. c. p. 362. = Sub *Boleto* Spr: l. c. 476. = *B. versicolor* Schæff: fung: t. 136. non Bull: var: Ic: taur: vol. 12. t. 78. f. 1. et 3. var: (Ad truncos præcipue Fagi et Betulæ. *Pedem*: similibus locis ALL: n. 2750. sub *B. versicolore.* RE fl: segus: p. 92. sub eod: non RE fl: tor: nec BIROLI nec BALB:). Pileus suberoso-carnosus mollis villosus colore vario plerumque ochroleuco poris inæqualibus fulvo - testaceis. Ex synon: SCHÆFF: ab ALL: citato ad suum *B. versicolorem* huc censeo illum spectare non ad *versicolorem* BULL: de quo infra.

❋ 18. *P. cuticularis* = Fries l. c. p. 363. = Sub *Boleto* Bull: t. 462. Spr: l. c. 474. = *B. triqueter* et *alneus* Pers: (Ad truncos arborum præsertim Alni autumn: *Pedem*: in Moro alba RE app: I. p. 51. et fl: tor: II. p. 311. sub *B. alneo*). Imbricatus concrescens obsolete zonatus pileis carnoso-suberosis tomentosis ferrugineis poris parvis sub - rotundis cinereo - pruinosis micantibus.

❋ 19. *P. adustus* = Fries l. c. p. 363. = Sub *Boleto* Spr: l. c. 475. ex W. = *B. pelleporus* Bull: t. 501. f. 2. (Ad truncos ubique autumn: persistens. *Pedem:* similibus locis BIROLI fl: acon: II. p. 226. sub *B. pelleporo. Sabaud*: BONJEAN in litt:). Vix differt a priori carne *tenuiori*, colore *pallidiori*, poris *argenteo - micantibus* demum obscure *cinereis sub - nigricantibus.*

❋ 20. *P. officinalis* = Fries l. c. p. 365. = *Boletus agaricum* All: n. 2748. = *B. Laricis* Jacq: et Bull: t. 296. (In montibus subalpinis *Eur*: austr: ad Larices. *Pedem*: frequenter in alpibus *Aug*: *Prætor*: All: l. c. In valle *Segusiana* supra Fagum sylvaticam et Pinum abietem Re fl: segus: p. 92. Biroli fl: acon: II. p. 227. sub *B. Laricis*. *Sabaud*: Bonjean in litt:). Magnus suberoso - carnosus glaber forma varia extus et intus albus lutescenti - vel fulvescenti - zonatus poris tenuissimis flavescentibus. Odore farinæ recentis, sapore amaricanti nauseoso facile distinguitur; planta officinalis sed suspecta.

❋ 21. *P. suaveolens* = Fries l. c. p. 366. = Sub *Boleto* Spr: l. c. 477. ex L. = Sowerb: t. 228. *B. suberosus* Bolt: t. 162. *B. salicinus* Bull: t. 433. f. 1. et Sowerb: t. 227. var: (Ad truncos arborum præsertim Salicum autumn:, hyeme. *Pedem*: abunde in valle *Salicis* collium *Taurin*: Bellard: app: p. 72. Balb: fl: taur: p. 212. Re fl: tor: II. p. 311. Supra truncos Salicum æstate solummodo Biroli fl: acon: II. p. 227. omnes sub *Boleto*. In Salicum truncis vineæ *Aigueblanche* Re app: I. p. 51. sub *B. salicino*. *Sabaud*: Bonjean in litt:). Differt a priori præsertim pileo *azono villoso albo*, poris *majusculis fuscescentibus* odore *grato aniseo*. In var: β (*B. salicinus*) planta mollior tota glabra inodora poris demum rufis.

❋ 22. *P. famosus* = Fries l. c. p. 367. = Sub *Boleto* Pers: syn: p. 530. = Ic:? (Ad Salices et Fagos autumn: *Sabaud*: Bonjean in litt:). Fuligineo - pallidus carnoso - fibrosus undulatus poris brevibus minutis.

❀ 23. *P. velutinus* = Fries l. c. p. 368. = Sub *Boleto* Spr: l. c. 477. *B. velutinus* et *lutescens* Pers: = Ic:? (Ad truncos varios vere, autumn: *Pedem*: Bale: el: p. 10. sub *B. lutescente* sine loci indicatione). Medius suberoso-coriaceus velutinus sub-zonatus albidus poris parvis æqualibus sordide albidis vel lutescentibus.

❀ 24. *P. zonatus* = Fries l. c. = Sub *Boleto* Nees. syst: f. 221. pro var: c. (~~*B. multifidus*~~ Schæff: fung: t. 269.) = Batt: t. 35. pro var: a (Ad truncos æstate, autumn: *Sabaud*: Huguen: in litt:). Pileus suberoso-coriaceus sub-zonatus villosus basi tuberculosus colore vario poris sub-angulatis; facile confundendus cum seq:

❀ 25. *P. versicolor* = Fries l. c. p. 368. = Sub *Boleto* Spr: l. c. 477. ex L. = Bull: t. 86. non Schæff: (Ad truncos siccos fere totius orbis æstate, autumn: *Pedem*: similibus locis Bale: fl: taur: p. 213. Re fl: tor: II. p. 312. Biroli fl: acon: II. p. 226. omnes sub *Boleto*. *Sabaud*: Huguen: et Bonjean in litt:). Cæspitosus coriaceus sub-imbricatus tenuis velutinus margine sæpius glabriusculus zonato-variegatus vel rarius concolor poris rotundis albis nitidis. Huc refert cl: Duby *B. ochraceum* Pers: ad priorem amandandum sec: Fries; revera non differt nisi pileo unicolore ochraceo subtus albo demum lutescente (Bull: t. cit: f. C); illum invenit Re supra truncos Quercuum in sylvis *della Mandria* (fl: tor: II. p. 312.). Cave ne ipsum confundas cum *B. ochraceo* Cum: de quo infra.

❀ 26. *P. abietinus* = Fries l. c. p. 370. = *Hyp-*

num parasiticum W. aliique. *Agaricus decipiens* quorund: *Boletus abietinus* Spr: l. c. 478. ex Dicks: crypt: III. t. 9. f. 9. aliique = Fl: dan: t. 1298. (Ad truncos dejectos præsertim abietum ubique autumn: *Pedem*: similibus locis in sylvis alpinis Biroli fl: acon: II. p. 231. sub *Hypno parasitico*. *Sabaud*: Bonjean in litt:). Imbricatus tenuis effuso-reflexus, pileus coriaceus villosus albidus poris integris angulatis dein dentatis sub-purpureis tandem expallentibus laceratis. Variat multimode; synon: obscura.

❋ 27. *P. cinnabarinus* = Fries l. c. p. 371. = Sub *Boleto* Jacq: austr: t. 304. Spr: l. c. 477. = *B. coccineus* Bull: t. 501. f. 1. (Ad truncos arborum passim. *Pedem*: in valle *Pisii* super truncos emarcidos Bellard: app: p. 72. Ad arborum truncos præsertim Pruni Cerasi Re fl: tor: II. p. 312. ambo sub *Boleto*. *Sabaud:* Huguen: et Bonjean in litt:). Medius totus cinnabarinus sub-coriaceus convexiusculus rugulosus obsolete zonatus pubescens demum glaber poris rotundis conspicuis.

❋ 28. *P. marginatus* = Fries l. c. p. 372. = Sub *Boleto* Spr: l. c. 476. ex Pers: = *B. fulvus* Schæff: fung: t. 262. (Ad truncos arborum etiam *Amer*: perennis. *Pedem:* similibus locis All: n. 2746. sub *B. fulvo*). Medius sub-lignosus pulvinatus tuberculosus fulvus vel rufus margine stillante pallidiore poris minimis rotundis albidis dein citrinis tubulos longos formantibus.

❋ 29. *P. odoratus* = Fries l. c. p. 373. = Sub *Boleto* Wulff: in Jacq: coll: II. p. 150. et Spr: l. c. 476. = *B. annulatus* Schæff: fung: t. 106. (Ad trun-

cos abjigenos perennis. *Pedem*: in lignis emortuis atque ad radices arborum præsertim Mali et Pyri ALL: n. 2746. sub *B. annulato* SCHÆFF: non BULL:). Differt a priori, cui maxime affinis, superficie *rugosa* non *tuberculosa*, colore *rubiginoso* versus basim *umbrino-nigrescente*, poris *sub-tetragonis cinnamomeis.*

❋ 30. *P. fraxineus* = Fries l. c. p. 374. = Sub *Boleto* Bull: t. 433. f. 2. = Spr: l. c. 476. (Ad Fraxinos perennis. *Pedem*: similibus locis in circumdariis *d'Ornavasso* BIROLI fl: acon: II. p. 227. sub *Boleto. Sabaud:* BONJEAN et HUGUEN: in litt:). Major durus primum albidus hinc luteolus demum lateritius subzonatus margine constanter albo poris minutis subferrugineis.

❋ 31. *P. igniarius* = Fries l. c. p. 375. = Sub *Boleto* L. suec: 1256. = Bull: t. 82. et 454. Ic: taur: vol. 12. t. 78. f. 2. Spr: l. c. 476. (Ad truncos arborum perenn: *Pedem:* similibus locis frequens ALL: n. 2747. RE fl: segus: p. 92. BALB: fl: taur: II. p. 213. RE fl: tor: II. p. 312. BIROLI fl: acon: II. p. 227. omnes sub *Boleto*). Magnus sub-lignosus glabriusculus ferrugineo-cinereus margine convexus poris exiguis cinnamomeis. Proprius ad instruendam escam igniariam vern: *Basana* dictam.

❋ 32. *P. fomentarius* = Fries l. c. p. 374. = Sub *Boleto* L. suec: p. 453. = Sowerb: t. 135. Spr: l. c. 476. *B. angulatus* Bull: t. 492. f. 2. (Ad truncos præsertim Fagi perenn: *Pedem*: super Salicum truncos præsertim habitat BALB: fl: taur: p. 213. et misc: bot: p. 62. RE fl: segus: p. 92. et fl: tor: II. p. 312. Super Fraxinos Populos et Salices BIROLI fl: acon: II.

p. 227. omnes sub *Boleto ungulato*). Priori proximus, cum quo forsan confusus ab All:, sed differt pileo *sub-triquetro* fuligineo-canescente ad marginem *zonato*, carne *molliori*, poris *pallido-glaucis* demum *ferrugineis*.

❀ 33. *P. conchatus* = Fries l. c. p. 376. = Sub *Boleto* Pers: syn: p. 538. = Ic:? (Ad truncos Salicis, Fagi etc. *Sabaud*: Huguen: in litt:). Duobus præcedentibus maxime affinis sed tenuior minor fasciis concentricis quasi imbricatis sulcatus subtus concavus, margine acuto.

5. *Resupinatus* (Pileus resupinatus effusus totus fere poris pertusus in ambitu sæpe byssinus. Fungi varii non vere perennes).

❀ 34. *P. contiguus* = Fries l. c. p. 378.? = Sub *Boleto* Pers: syn: p. 544. = *B. cryptarum* Bull: t. 478. Spr: l. c. 478. (Ad trabes in cryptis et ad ligna. *Pedem*: ad palos et hortorum januas Re fl: tor: II. p. 312. sub *Boleto contiguo* et app: I. p. 52. 53. sub eod: et sub *B. cryptarum*). Pilei imbricati coriaceo-spongiosi effusi glabri fuligineo-ferruginei poris majusculis sub-difformibus. Stirps valde varians. Cl: Fries speciem hanc a *P. cryptarum* distinguit præcipue ex pororum structura, forsan merito; planta Re omnino quadrat cum cit: ic: Bull: poris *sub-difformibus* etsi ipse *æquales* dicat in phrasi.

❀ 35. *P. medulla panis* = Fries l. c. p. 380. = Sub *Boleto* Jacq: misc: I. t. 11. = Spr: l. c. 478. (Ad ligna. *Pedem:* in ericetis *di Moncrivello*, in mon-

tibus *Bovisii* et in valle *Pisii* BELLARD: app: p. 72 sub *Boleto*. *Sabaud*: HUGUEN: et BONJEAN in litt:). Tenuis durus glaber sub-undulatus albus poris mediis ellipticis rectis vel obliquis.

❋ 36. *P. vulgaris* = Fries l. c. p. 381. = *Boletus inversus* Vill: = *B. cellulosus* fl: dan: t. 716. f. 1. et Spr: l. c. 478. (Ad truncos Pini. In sylvaticis *Sabaud:* circa *la Tour* BELLARD: app: p. 72. sub *B. inverso*). Vix differt a priori substantia *carnosa tuberculosa*, poris *amplioribus cellulosis sub-rotundis*. Ab hoc forsan non differt *P. ostreus* FRIES l. c. nisi substantia aquosa alba, poris exiguis. In *Sabaud*: crescere tradit BONJEAN in litt:

❋ 37. *P. mucidus* = Pers: obs: myc: I. p. 87. = Fries l. c. p. 382. = Ic: ? (Ad truncos cariosos pineos. *Pedem*: *Venariæ* inter fissuras truncorum aridorum RE app: II. p. 220. sub *Poria*). Effusus mollis candidus ambitu byssino poris sub-rotundis.

❋ 38. *P. terrestris* = Fries l. c. 383. = Sub *Boleto* Pers: ic: piet: t. 16. f. 1. (Ad terram locis humidis. *Sabaud*: HUGUEN: in litt:). Effusus byssinus albus poris minutissimis demum rufescentibus.

❋ 39. *P. juglandinus* = (*Sabaud*: BONJEAN in litt:). STEUD: nom: Quid? An *P. juglandis* PERS:? Tunc pertinet ad *P. squamosum* FRIES.

VII. BOLETUS Fries syst: mycol: I. p. 385. = *Boleti* spec: L. et Auctor:

» *Hymen*: tubulosum tubulis discretis connexis in-
» tegris longis. *Velum* præsens vel nullum. *Asci* cy-
» lindrici sporidiis exiguis sub-globosis. »

Obs: Genus constans ex Fries 20. stirpibus. Fungi solitarii terrestres succulenti partibus omnibus discretis et regularibus.

A Cortinariæ (Velum præsens sæpius fugacissimum; stipes solidus; tubuli lutei vel ferruginei; sporidia sub-ochracea).

❀ 1. *B. luteus* = L. suec: 1247. = Fries l. c. p. 386. Spr: syst: IV. 479. = Schæff: fung: t. 114. *B. annulatus* Bull: t. 332. non Schæff: nec All: (In pinetis autumn: *Pedem:* in pratis et sylvis autumn: All: n. 2752. Ad montem *Cistella* unice observavit Biroli fl: acon: II. p. 229. sub *B. annulato* Bull: non Schæff: *Ligur*: Viv: in litt: *Sabaud*: Huguen: in litt:). Major vel medius, pileus viscidus fuscus tubulis adnatis rotundis luteis, stipes æqualis annulatus supra annulum membranaceum albo-fuscescentem punctis scaber.

❀ 2. *B. granulatus* ≐ L. sp: II. 1647. = Fries l. c. p. 387. Spr: l. c. 470. = Michel: t. 69. f. 1. (In sylvis passim. *Ligur*: Viv: in litt: *Sabaud:* Huguen: in litt:). Pileus glutine fusco secedente collinitus tubulis adnatis majusculis luteis, stipes punctato-scaber. Gregarius edulis.

❀ 3. *B. subtomentosus* = L. suec: 1251. = Fries l. c. p. 389. Spr: l. c. 471. = Viv: fung: p. 27. t. 27. f. 1. 7. *B. communis* et *chrysenteron* Bull: t. 393. et 490. f. 3. (Ubique in sylvis *Eur*:, *Asia* et *Amer*: Jun: - Oct: *Pedem*: in collibus *Taurin*: Balb: fl: taur: p. 211. Re fl: tor: II. p. 313. In nemoribus præsertim ad radices montium et collium Biroli fl: acon: II.

p. 229. omnes sub *B. chrysenteron. Ligur*: Viv: l. c. *Sabaud*: Huguen:). Edulis, pileus generatim amplus compactus pulvinatus sub-tomentosus fusco-castaneus tubulis adnatis magnis angulatis luteis, stipes sub-æqualis sub-incurvus glaber rigidus pileo concolor. Variat summopere magnitudine et colore. *B. mutabilis* Balb: misc: bot: p. 62. huc pertinet sc: ad *B. communem* Bull: Pariter huc spectat *B. cupreus* All: n. 2756. ex Schæff: t. 133. Re fl: segus: p. 92.

❀ 4. *B. calopus* = Pers: syn: p. 513. = Fries l. c. p. 390. Spr: l. c. 470. = Nees syst: f. 208. *B. terreus* Schæff: t. 315. (In sylvis et ericetis Aug:-Oct: *Ligur*: Viv: in litt:). A præcedenti differt stipite crassiore rubro reticulato tubulisque cærulescentibus.

❀ 5. *B. luridus* = Schæff: fung: t. 107. = Fries l. c. p. 391. excl: syn: Bellard: Spr: l. c. 471. = Viv: fung: p. 44. t: 40. *B. tabeolarius* Bull: t. 490. f. 1. (In sylvis nemorosis æstat: autumn: *Pedem*: in sylvis collium *Taurin*: Balb: fl: taur: p. 211. et de crep: p. 17. excl: syn: *B. olivacei* Schæff: In quercetis autumn: et speciatim in sylva *di Alpignano* dicta *le Pichere* omnes sub *B. tabeolario. Ligur*: Viv: l. c. *Sabaud*: Huguen: in litt:). Major suspectus, pileus pulvinatus sub-tomentosus succosus olivaceus demum fulvo-fuligineus tubulis sub-liberis rotundis luteis ore rubris, stipes sub-elongatus basi bulbosa incrassatus reticulis rubris pictus. *B. tuberosus* Re fl: tor: II. p. 310. est *luridi* var: *B. Frè* Bellard: huc male ductus a Fries pertinet ad *B. scabrum*.

❀ 6. *B. lividus* = Bull: t. 490. f. 1. = Fries l. c.

p. 389. = Spr: l. c. 471. (Locis humidis paludosis Aug:-Oct: *Sabaud*: Bonjean in litt:). Pileus convexo-planus glaber luteo - virescens tubulis decurrentibus brevibus luteis, stipes gracilis lævis.

❋ 7. *B. castaneus* = Bull: t. 328. = Fries l. c. p. 392. = Spr: l. c. (In fagetis æst: autumn: *Pedem:* in valle *Pisii* circa *Carthusiam* sc: sylva castanea haud frequens Cum: spec: p. 20. Similibus locis collium *Taurin*: Re fl: tor: II. p. 310. In nemoribus et pascuis *di Pallanza* Biroli fl: acon: II. p. 228. *Ligur*: Viv: in litt: *Sabaud*: Huguen: in litt:). Medius vix edulis, pileus sub-villosus castaneo-lateritius convexus demum concavus tubulis sub-liberis minutis albis demum majusculis sulphureis, stipes sub - incurvus crassiusculus sursum attenuatus pileo concolor.

❋ 8. *B. edulis* = Bull: t. 60. et 494. = Fries l. c. p. 392. Spr: l. c. = Viv: fung: p. et t. 25. Ic: taur: vol. 12. t. 81. f. 3. *B. esculentus* Pers: Vern: *Boulè pourchin* (In sylvis ubique etiam *Amer*: æst: et autumn: *Pedem:* iisdem locis All: n. 1754. sub *B. bovino* male. Balb: fl: taur: p. 211.? Re fl: tor: II. p. 310. Biroli fl: acon: II. p. 228. *Ligur*: Viv: l. c. *Sabaud*: Huguen: et Bonjean in litt: omnes sub *B. eduli*). Major et medius inter omnes Fungos deliciosissimus, pileus lævis ex hemisphærico in pulvinatum lateque convexum vergens generatim badius varians ab albidiusculo ad fuligineum tubulis semi - liberis sub - rotundis minutis albidis demum flavidis, stipes ventricosus compactus carnosus sub-æqualis sordide ochraceus. Odor suavis, caro immutabiliter alba.

❋ 9. *B. æreus* = Bull: t. 385. = Fries l. c. p.

393. = Spr: l. c. (In *Gallia. Pedem:* in sylvis collium *Venariæ* alibique Balb: fl: taur: p. 211.? Valle *Pisii* in castanearum sylvis rarus Cum: spec: *Ligur:* Viv: in litt:). Difficile a priori distinguendus pileo *æneo-nigricante*, subulis *sulphureis*, stipite *luteolo*, carne rupta colorem mutante sc: vinosa vel viridiuscula. Edulis sed minus fragrans quam prior. Planta a Balb: l. c. enumerata sub *B. eduli* videtur potius ad hanc speciem referenda quam ad priorem ex nomine vernaculo *Ceps* quod cl: Bull: tribuit *B. æreo.*

B Derminus (Velum præsens fugax; stipes solidus squamosus; tubuli albi demum e sporidiis obscure ferrugineis colorati).

❋ 10. *B. scaber* = Fries l. c. p. 393. = Spr: l. c. 470. *B. viscidus* L. suec: p. 452. et Duby bot: gall: p. 783. = *B. procerus* Bolt: t. 86. var: a. *B. leucopodius* Pers: var: b. *B. aurantiacus* Bull: t. 236. var: c. *B. rufus* Schæff: fung: t. 103. var: e. *B. scaber* Bull: t. 132. et 489. f. 1. var: f. *B. Frè* vern: et Bellard: app: p. 73. (Ubique in sylvaticis æst: autumn: *Pedem:* in nemoribus collium *Taurin:* Re app: I. p. 52. et fl: tor: II. p. 310. sub *B. scabro;* ibid: p. 309. sub *aurantiaco.* In valle *Pisii* in fagineis et castaneis sylvis (vulgo *Cravette grise*, *Gambette*) Cum: spec: p. 21. sub *B. scabro;* et in sylvis subalpinis prope *Roccaforte* et *la Chiusa* (vulgo *Cravette rosse*) ibid: sub *B. aurantiaco.* In pascuis et sylvis montanis frequens Biroli fl: acon: II. p. 229. pro *B. rufo.* Bellard: app: p. 73. sub *B. cravetta.* Re fl: segus: p. 91.

sub *B. Frè. Ligur*: Viv: in litt: *Sabaud*: Bonjean in litt:). Major vel medius vix edulis, pileus convexus pulvinatus glabriusculus tubulis liberis rotundis albidis, stipes elongatus sursum attenuatus squamoso-scaber. Variat multimode colore pilei et squamularum.

C Hyporhodius (Velum nullum; stipes solidus sub-reticulatus; tubuli albidi dein e sporidiis roseis incarnati).

❁ 11. *B. felleus* = Bull: t. 379. = Fries l. c. p. 394. = Spr: l. c. 472. (In pinetis æstat: autumn: *Ligur*: Viv: in litt:). Pileus mollis glaber tubulis subadnatis angulatis, stipes attenuatus sub-olivaceus intus albus.

D Leucosporus (Velum nullum; stipes cavus medulla spongiosa repletus; tubuli albi vel citrini sporidiis albis).

❁ 12. *B. cyanescens* = Bull: t. 369. = Fries l. c. p. 395. Spr: l. c. 472. = *B. constrictus* Pers: syn: p. 508. (In sylvaticis æstat: autumn: *Pedem*: similibus locis Balb: misc: bot: p. 61. et fl: taur: p. 211. excl: *B. cravetta*. Bellard: sub *B. cyanescente*. Re fl: tor: II. p. 310. sub *B. constricto*. In sylvis *Ticini* Biroli fl: acon: II. p. 229. *Ligur*: Viv: in litt:). Major insipidus, pileus compactus sub-tomentosus convexus sub-fuligineus tubulis liberis rotundis æqualibus albis, stipes lævis basim versus ventricosus pileo concolor;

caro alba, fracta mox pulcherrime cyanea evadit, compressa succum cæruleum fundit.

Species ex Cum: ab Auctoribus omissæ et mihi valde dubiæ.

❀ 13. *B. abietinus* = Cum: spec: p. 23. non Auctor: (In valle *Pisii* super emortuas et languentes Pinos, Abietes imbricatim et abunde provenit Cum: l. c.). Sessilis exiguus carnoso-coriaceus, pileus albo-cinereus zonatim sulcatus sericeo-tomentosus tubulis brevibus albo-griseis. Facies *Schizophylli communis.*

❀ 14. *B. fulvus?* = Cum: spec: p. 24. non Auctor: (Cum priori). Sessilis perennis, statura et figura varius, pileus dimidiatus pulvinatus tuberculosus tubulis perangustis longis albis, caro fulva suberosa. Usus apud alpicolas *Polypori ignarii.*

❀ 15. *B. informis* = Cum: spec: p. 22. = *Agaricus lignosus informis* Battar: t. 37. G (Valle *Pisii* in rimis Fagi Castaneæ æstat: rarus Cum: l. c.). Sessilis convexo-planus laciniatus flavus imbricatus cæspitosus tubulis angustis concoloribus; tactu nigro-virescit. Inter *Boletos dubios* Steud:

❀ 16. *B. ochraceus* = Cum: spec: p. 19. non Pers: (Valle *Pisii* æstat: locis argillosis Cum: l. c.). Pileus convexus rugosus lacunosus luteus tubulis minimis concoloribus, stipes crassus brevis; vetustate cæruleo-virescit. *B. cyanescenti* n. 12. affinis sed semper luteus nec sub-fuligineus.

❀ 17. *B. plumbeus* = Cum: spec: p. 22. = Michel: nov: gen: pl: p. 119. n. 12. (Valle *Pisii* supra trabes

et ligna emortua Cum: l. c.). Sessilis, pileus coriaceo-suberosus molliusculus pilis nigris exasperatus demum glaber durus albo-griseus limbo nigro adusto poris tenuissimis plumbeis.

❋ 18. *B. scobinaceus* = Cum: spec: p. 19. t. 2. (Valle *Pisii* ad semitas, in ericetis et castanearum sylvis non infrequens autumn: Cum: l. c.). Medius stipitatus, pileus carnosus sub-irregularis ferrugineo-fuscus asperulus poris albis demum lutescentibus carni adhærentibus per stipitem sub-decurrentibus, stipes lateralis crassus basi attenuatus. Ab alpicolis *Gasparia* dictus sale inspersus servatur.

❋ 19. *B. strobiliformis* = Dicks: crypt: fasc: I. p. 17. t. 3. f. 2. (Valle *Pisii* ad semitas sylvarum Fagi Castaneæ Aug:-Sept: Cum: spec: p. 18.). Stipitatus sub-geminus, pileus hemisphæricus tessellato-squamosus fuscus squamis strobiliformibus gossypino-rufis poris angulatis albis, stipes cylindricus striatus subincurvus substantia gossypino-rufa sæpe circumvolutus. Inter stirpes inquirendas Fries l. c. p. 352. ad calcem *Polypori Mesopi*. Omissus a Spr:

VIII. Fistulina Bull: champ: p. 314. = Fries syst: mycol: I. p. 396. = *Boleti* spec: Huds: aliique.

» *Hymen*: tubulosum tubulis liberis junioribus clau-
» sis. *Velum* nullum. *Asci* minuti sporidiis sub-fuscis. »

Obs: Genus constans unica stirpe a *Boletis* divulsa præsertim ob structuram tubulorum, ab illis ad *Hydna* transitum naturalem faciente.

❋ 1. *F. hepatica* = Fries l. c. p. 396. = *F. buglossoides* Bull: t. 74. 464. 497. = *Boletus hepaticus*

Spr: syst: IV. 472. ex Huds: aliique. Schæff: fung: t. 116. 120. Vern: *Lenghe*, *Lenghette* (Ad truncos arborum præsertim Quercus etiam in *Amer*: *Pedem:* similibus locis All: n. 2751. In sylvis vineæ *Righini*, *Reginæ*, nec non in nemoribus *della Mandria* Re fl: tor: II. p. 313. In alpibus *Novariens:* Biroli fl: acon: II. p. 225. omnes sub *Boleto*. Communis *a Quaregna* ubi vulgo *Brovei* Avog: in litt: *Sabaud*: Huguen: in litt:). Media vel major sub - cæspitosa, forma varia integra vel lobata sessilis vel oblique stipitata, pileus crassus molliusculus viscidus plerumque hepaticæformis plus minus intense sanguineus tubulis confertissimis sub-concoloribus cum fibris carnis contiguis ore sub - denticulato, stipes quando adest brevis crassus lateralis. Vix esculentus.

IX. Hydnum Lin: gen: 1076. = Fries syst: mycol: I. p. 397. = Spr: syst: n. 3474. = Lam: ill: t. 883.

» *Hymen*: subulosum, subulis liberis aculeiformi-
» bus. *Velum* nullum. *Asci* tenues raro obsoleti. »

Obs: Genus satis distinctum hymenii forma, constans 90. circiter stirpibus in sectiones *Polyporo* identicas divisis.

A Mesopus (Stipes perpendicularis; pileus distinctus rotundatus sub-integer; aculei subulati. Fungi terrestres).

❀ 1. *H. imbricatum* = L. suec: 1257. = Fries l. c. p. 398. Spr: l. c. 479. = Schæff: fung: t. 140. (In pinetis ubique etiam *Amer*: bor: Sept: - Oct: *Pe-*

dem: in sylvis atque truncis arborum All: n. 2758. Balb: el: p. 11. *Ligur*: Viv: in litt: *Sabaud*: Huguen: in litt:). Medium edule (ex Duby), pileus carnosus exsuccus planus tessulato-squamosus azonus umbrinus demum umbilicatus squamis crassissimis sub-erectis obscurioribus aculeis teretibus integris albido-cinereis, stipes brevis firmus deorsum attenuatus aculeis concolor.

❀ 2. *H. subsquamosum* = Batsch: el: t. 10. f. 43. = Fries l. c. p. 399. Spr: l. c. = *H. squamosum* Bull: t. 409. non Schæff: (Cum priori sed rarius. *Pedem*: in sylva cædua collium *Taurin*: ad arborum caudices Balb: Re app: I. p. 50. et fl: tor: II. p. 314. sub *H. squamoso*. *Sabaud*: Huguen: in litt:). Differt a priori pileo *sub-zonato testaceo ferrugineo*, squamis *haud crassis*, aculeis *fuscescentibus*, stipite *crassiori* demum *rimoso-squamoso*.

❀ 3. *H. repandum* = L. suec: 1258. = Fries l. c. p. 400. Spr: l. c. = Fl: dan: t. 310. Bull: t. 172. Viv: fung: p. 43. t. 39. *H. squamosum* Schæff: t. 278. non Bull: var: b (In sylvis ubique etiam *Amer*: bor: æstat: autumn: *Pedem*: iisdem locis All: n. 2759. Balb: fl: taur: p. 211. Re fl: tor: II. p. 315. Biroli fl: acon: II. p. 230. *Ligur*: Viv: l. c. *Sabaud*: Huguen: in litt:). Medium vel majus solitarium vel gregarium, pileus carnosus irregularis sub-repandus glaber azonus albus flavus vel rubescens aculeis inæqualibus aliis subinde tubulosis, stipes glaber crassus difformis. Edule.

❀ 4. *H. rufescens* = Pers: syn: p. 555. = Fries l. c. p. 401. = *H. repandum* Bolt: t. 88. Spr: l. c. sub *H. repando* L. var: Viv: fung: p. 43. t. 39. f. 5.

sub *H. repando* var: β (Cum priori sed rarius Balb: el: p. 11. *Sabaud*: Huguen: in litt:). A præcedenti vix distinctum pileo orbiculari *regulari* minus *fragili* rufescenti-carneo, aculeis *sub-æqualibus* incarnato-ochraceis, stipite *tenuiori æquali*. Cl: Viv: l. c. t. 39. f. 6. 7. 8. etiam eximiam var: *H. repandi* exhibet sub nomine *ligulati* var: γ, in qua aculei in membranulam convertuntur.

❀ 5. *H. ferrugineum* = Fries l. c. p. 403. = Spr: l. c. 480. = *H. striatum* Schæff: fung: t. 271. *H. hybridum* Bull: t. 453. f. 2. aliique (In pinetis passim. *Pedem:* in sylvis *Venariæ* Balb: de crep: p. 17. et fl: taur: p. 211. In sylvis *Natalini Righini* ac in summa valle *Salicum* Re fl: tor: II. p. 316. In pinetis Alpium frequens Biroli fl: acon: II. p. 230. Valle *Pisii* in argillosis muscosis secus semitam *della Ticlera* Cum: spec: p. 26. omnes sub *H. hybrido*). Medium vel minus non edule, pileus suberosus mollis velutino-ferrugineus ob-conicus planus vel depressus margine sub-sinuatus aculeis stipiteque inæquali concoloribus.

❀ 6. *H. aurantiacum* = Fries l. c. p. 403. = Spr: l. c. = Fl: dan: t. 1439. *H. floriforme* Schæff: fung: t. 146. f. 4. (In pinetis æstat: autumn: *Ligur*: Viv: in litt: *Sabaud*: Huguen: in litt:). Pileus suberosus inæqualis tomentosus aurantiacus vel albus intus zonatus aculeis albis dein sordide spadiceis æqualibus, stipes inæqualis aurantiacus; statura varium.

❀ 7. *H. cinereum* = Bull: t. 419. = Fries l. c. p. 404. = Spr: l. c. (In *Galliæ* pinetis ad terram. *Pedem*: in valle *Pisii* secus vias umbrosas *Grangiæ tectorum* ad Quercuum radices Cum: spec: p. 26. *Li-*

gur: Viv: in litt:). Minus cæspitosum, pileus coriaceo-suberosus globosus undique aculeatus demum infundibuliformis margine lobatus pubescens sub-squamosus cinereus aculeis tenuibus æqualibus concoloribus, stipes difformis crassus ventricosus intus ferrugineus.

❋ 8. *H. cyathiforme* = Bull: t. 156. = Fries l. c. p. 405. Spr: l. c. non Schæff: nec All: = *H. zonatum* Batsch: et *concrescens* Pers: var: (In sylvis ericetosis etiam *Amer*: bor: autumn: *Pedem*: similibus locis Re fl: tor: p. 315. Balb: el: p. 11. Biroli fl: acon: II. p. 230. *Sabaud*: Huguen: in litt:). Differt a priori colore undique *ferrugineo*, pileo *citius* infundibuliformi *zonato glabriusculo*, stipite valde *tenuiori sub-æquali;* variat in α vertice *scrobiculato squamoso*, in β (*zonatum concrescens*) pileo latiori radiato. Hoc crescit speciatim in sylvis collium *Taurin:* locis frigidioribus Re fl: tor: II. p. 315.

❋ 9. *H. tomentosum* = L. succ: 1259. = Fries l. c. 405. Spr: l. c. *H. cyathiforme* Schæff: fung: t. 139. = Fl: dan: t. 1020. f. 2. (In pinetis aliisque sylvis autumn: *Pedem:* in sylvis locisque muscosis ad arborum truncos All: n. 2763. sub *H. cyathiformi* ex Schæff: Balb: el: p. 11. Re fl: tor: II. p. 315. sub *H. tomentoso*). Duobus præcedentibus valde proximum, sed dilute *cinereum* margine *albidum villosum*, aculeis *albis* in stipitem *decurrentibus*, stipes subæqualis basi sæpe *crustaceo-effusus*.

❋ 10. *H. melaleucum* = Fries l. c. p. 406. = *H. pullum* Schæff: fung: t. 272. = *H. zonatum* Gmel: *H. nigrum* var: Spr: l. c. (In sylvis abiegnis mon-

tosis æstat: autumn: *Pedem*: similibus locis Balb: el: p. 11. sub *H. zonato*). Concrescens imbricatum difforme, pileus coriaceus irregularis striato - nigricans margine aculeisque albus, stipes æqualis vel concrescens ramosus vel etiam nullus.

❋ 11. *H. auriscalpium* = L. suec: 1260. = Fries l. c. p. 406. Spr: l. c. = Bull: t. 481. f. 3. (In sylvis præsertim ad strobilos Pini. *Pedem:* similibus locis in subalpinis muscosis All: n. 2762. *Albæ* in conis putridis Pini sylvestris Re app: II. p. 220. ex Bertero. *Sabaud*: in sylvis *Lanslebourg* Bonjean in litt:). Minus sub-gregarium undique spadiceo-rufum tomentosum, pileus sub-coriaceus reniformis horizontalis aculeis æqualibus, stipes lateralis elongatus subæqualis passim ramosus.

B Pleuropus (Pileus inæqualis mollis excentricus lateralis; aculei æquales; stipes irregularis brevis sæpe horizontalis).

❋ 12. *H. gelatinosum* = Scop: carn: II. n. 1601. = Fries l. c. p. 407. Spr: l. c. = Jacq: austr: t. 239. (Ad truncos passim etiam *Amer*: bor: *Pedem:* in lignis putridis All: n. 2760. In valle *Ticini* ad *Campumlatum* in sylvis dictis *della Porta Lua* supra truncos arborum languentium Biroli fl: acon: II. p. 230. *Sabaud*: Huguen: in litt:). Forma et magnitudine varians, pileus carnoso-gelatinosus papulosus generatim fuscus tremulus aculeis mollibus pyramidatis glaucis, stipes lateralis brevissimus vel obsoletus.

❋ 13. *H. Erinaceus* = Bull: t. 34. = Fries l. c.

p. 407. = Spr: l. c. 481. (Ad truncos arborum autumn: *Pedem*: similibus locis prope *Eremum* Octobr: initio Re fl: tor: II. p. 316. Valle *Pisii* supra Fagi truncos putridos post pluvias Cum: spec: p. 26. *Ligur*: Viv: in litt:). Magnum carnosum tenax mollissimum forma varia plerumque ovata vel cordata, pileus sub-sessilis fibrilloso-lacerus ex albo flavescens intus cancellatus aculeis longissimis pendulis confertissimis nonnullis abortivis in fibrillas sub-fasciculares mutatis. Stirps speciosissima nimis fugax.

C Merisma (Pileus manifestus nullus clavariæformis, nunc ramosissimus aculeis verticalibus pendulis (*Genuina*), nunc crassus simplex in aculeos longissimos superne fissus (*Gomphi*).
Fungi carnosi lignicoli esculenti).

α *Genuina*.

❀ 14. *H. coralloides* = Scop: carn: II. n. 1602. = Fries l. c. p. 408. = Schæff: fung: t. 142. *H. ramosum* Bull: t. 390. *Merisma coralloides* Spr: l. c. 496. (Ad truncos arborum passim autumn: *Pedem*: iisdem locis in sylvis collinis All: n. 2761. Super truncum Mori albæ prope *il Parco della Veneria* eundo versus *Druent* Re fl: tor: II. p. 316. Balb: el: p. 5. sub *H. ramoso. Sabaud*: Huguen: in litt: sub *Merisma*). Maximum difforme ramosissimum esculentum, rami candidi demum lutescentes valde intricati attenuati ramulis incurvis aculeis unilateralibus secundis æqualibus.

❀ 15. *H. Caput Meduscæ* = Pers: syn: p. 564. = Fries l. c. 409. = Nees syst: t. 33. Sub *Merismate* Spr: l. c. 496. Sub *Clavaria* Bull: t. 412. (In ligno putrido *Galliæ*. Etiam in *Sabaud:* Huguen: in litt:). Albidum magnum, truncus obliquus dilatatus in pileum aculeis longis gracilibus demum decumbentibus undulatis undique tectus.

D Apus (Pileus dimidiatus sessilis latere adfixus horizontalis planus marginatus subtus aculeatus. Fungi truncicoli annui).

❀ 16. *H. orbiculatum* = Fries l. c. p. 412. = *H. pectinatum* Spr: l. c. 481. *H. pectiniforme* Gmel: aliique = Michel: gen: t. 64. f. 5. (*Ital:* ad truncos. *Pedem:* similibus locis Balb: el: p. 5. sub *H. pectiniformi.* In truncis semiputridis Tiliæ et Quercus in sylvis collium *Taurin:* Re fl: tor: II. p. 315. sub *H. orbiculato*). Minus imbricatum, pilei sub-orbiculati leviter repandi conchati villosi albi aculeis tenuissimis griseis. Huc refert cl: Spr: *H. pectinatum* Fries quod differt pileis *effuso-reflexis hirsutis*, aculeis *concoloribus.*

❀ 17. *H. occarium* = Pers: syn: p. 559. ex Batsch: = Fries l. c. p. 412. Spr: l. c. = Michel: gen: t. 64. f. 3. (Cum priori. *Pedem:* in lignis putridis copiose Nov: Balb: misc: bot: p. 61. et fl: taur: p. 211. Re fl: tor: II. p. 315.). Vix differt a præcedentibus hujus sectionis pileis evidentius dimidiatis planis, aculeis longis crassis validis planis obtusis.

E Resupinatus (Fungi resupinati effusi tenues lignatiles, pileo obliterato ubique adnato immarginato ambitu sæpe byssino).

❀ 18. *H. bicolor* = Alb: et Schw: p. 270. = Fries l. c. p. 417. Spr: l. c. 482. = Ic:? (Ad ligna putrida Abietum æst: vere. *Pedem*: in sylvis *Venariæ* supra Quercum pedunculatam Re app: II. p. 20.). Tomentosum album aculeis minutis rectis acutis rufo-spadiceis apice nudis ad basim albo-lanatis.

❀ 19. *H. fasciculare* = Alb: et Schw: p. 269. t. 10. f. 9. = Fries l. c. p. 418. = Spr: l. c. (Ad truncos putridos autumn: *Sabaud*: Huguen: in litt:). Albidum subiculo nullo aculeis fasciculatis longis pendulis.

❀ 20. *H. farinaceum* = Pers: syn: p. 562. = Fries l. c. p. 419. Spr: l. c. 483. = Ic:? (Ad truncos frequens. *Sabaud:* Huguen: in litt:). Effusum crustæforme pallidum ambitu sub-byssino aculeis tenuissimis subdistantibus acutis.

❀ 21. *H. Barba Jovis* = Bull: t. 480. f. 2. = Fries l. c. p. 421. = Spr: l. c. 483. (Ad truncos cariosos æst: vere. *Pedem:* supra arboris truncum emortuum in terra jacentem secus *la Negoja* unice collegit Biroli fl: acon: II. p. 230.). Late expansum tomentosum pallido-album demum flavo-rufescens aculeis teretibus pubescentibus apice aurantio barbatis.

❀ 22. *H. fimbriatum* = DC. fl: fr: suppl: p. 37. = Fries l. c. p. 422. Spr: l. c. = Ic:? (Ad truncos prostratos. *Sabaud*: Huguen: in litt:). Effusum mem-

branaceum sub - costatum incarnato - rufum ambitu fimbriato aculeis granulosis demum multifidis.

Species mihi omnimodo dubia.

❋ 23. *H. crustaceum* = Bell: app: p. 74. ex Vill: (In *Sabaud*: locis sylvaticis Bellard: l. c.). Plantam non vidi, nec sub hoc nomine enumeratur a recentioribus Mycologis.

X. Sistotrema Fries syst: mycol: p. 426. ex Pers: = *Hydni* spec: Bull: aliique.

» *Hymen*: lamellis interruptis flexuosis dentatum. » *Velum* nullum. *Sporidia* alba. »

Obs: Genus medium inter *Agaricos* et *Hydna*, unica constans specie.

❋ 1. *S. confluens* = Pers: syn: p. 551. = Fries l. c. = *Hydnum sublamellosum* Bull: t. 453. f. 1. (In pinetis ad terram præcipue ad latera viarum arenosa. *Pedem*: in summa vinea *Righini* collium *Taurin:* Re app: I. p. 50. sub *Hydno sublamelloso*, et fl: tor: II. p. 314. sub *Sistotrema confluente*. *Sabaud*: Bonjean in litt:). Minus gregarium fragile candidum demum flavescens, pilei tenues sub - depressi flexuosi concrescentes lamellis integris vel incisis, stipes centralis vel lateralis sursum attenuatus etiam obsoletus.

Quid *S. giganteum* Pers: enumeratum a Balb: el: p. 7.?

XI. THELEPHORA Fries syst: mycol: p. 428. ex Ehrh: = Spr: syst: n. 3475. = *Helvellæ*, *Agarici*, *Auriculariæ*, *Merismatis*, *Clavariæ* spec: nonnullæ quorund:

» *Hymen*: papillosum vel læve cum pileo homoge-
» neum et concretum undique ascigerum. *Velum*
» nullum. *Asci* sub-immersi tenues raro obsoleti. »

Obs: Genus constans ex FRIES 75. stirpibus in sectiones uti *Polyporus* et *Hydnum* divisis. Fungi inferiores pileo coriaceo persistente rarius regulari contextu fibroso-floccoso, rarissime stipitati.

❀ 1. *Th*: *caryophyllea* = Fries l. c. p. 430. = Spr: l. c. 484. = Sub *Helvella* Schæff: fung: t. 325. (Ad terram locis graminosis nemorosis. *Sabaud*: HUGUEN: in litt:). Coriacea fusco-purpurea, pileus inæqualis fibrosus striatus subtus lævis. Species ambigua (Inter *Mesopos* FRIES).

❀ 2. *Th*: *terrestris* = Ehrh: crypt: n. 178. = Fries l. c. p. 431. Spr: l. c. 484. = *Agaricus tristis* Batsch: f. 121. *Auricularia caryophyllea* Bull: t. 278. (Ad terram autumn: *Pedem:* iisdem locis BALB: el: p. 11. *Sabaud*: BONJEAN in litt:). Media gregaria obscure fusca, pilei dimidiati plani fibroso - strigosi papillis sparsis, stipes brevissimus lateralis (Inter *Pleuropos* FRIES).

❀ 3. *Th*: *laciniata* = Pers: syn: p. 567. = Fries l. c. Spr: l. c. *Helvella pineti* L. sp: 1649. = *H. caryophyllata* Bolt: t. 173. (Ad terram et radices truncorum autumn: *Sabaud*: BONJEAN in litt:). Ferrugineo-fusca pileis fibroso-squamosis margine laciniato-crispis.

❀ 4. *Th: coralloides* = Fries l. c. p. 432. = *Clavaria coriacea* Bull: t. 452. f. 2. = *Merisma umbrinum* Spr: l. c. 496. ex Pers: (*Gallia* ad terram et inter folia autumn: *Pedem:* similibus locis Bale: el: p. 10. Biroli fl: acon: II. p. 239. ambo sub *Clavaria coriacea*). Minor erecta ramosissima nigrescens, rami striati dilatati apice fimbriati albi (Inter *Merismata* Fries).

❀ 5. *Th: palmata* = Fries l. c. = Sub *Clavaria* Scop: carn: II. n. 1624. *Merisma fœtidum* Spr: l. c. 497. ex Pers: = *Clavaria anthocephala* Bull: t. 452. f. 1. var: (In pinetis sub-humidis autumn: *Pedem:* frequens in montibus ad oras sylvarum All: n. 2780. sub *Clavaria palmata.* Re fl: tor: II. p. 317. sub *Merismate fœtido.* Collibus *Taurin:* in sylvis umbrosis vineæ *di Bianzè* Bale: misc: bot: p. 54. sub *Clavaria anthocephala*). Differt a priori colore purpureo, odore fœtido, ramis complanatis apice nunc truncatis nunc laciniato-cristatis pallidioribus basi concretis in stipitis speciem attenuatis villosis. In var: *anthocephala* color sub-ferrugineus, rami glabri obtuse cristati (Inter *Merismata* Fries).

❀ 6. *Th: cristata* = Fries l. c. p. 434. = Sub *Merismate* Spr: l. c. 497. ex Pers: = *Clavaria laciniata* Bull: t. 415. f. 1. (In pinetis et fagetis passim autumn: *Pedem:* in sylva umbrosa prope *Caburetum* invenit Berterus sec: Re fl: tor: II. p. 317. sub *Merismate cristato.* Bale: el: p. 4. sub *Clavaria laciniata.* Valle *Pisii* ad semitam *Montis rotundi* eundo versus *la Fiolera* rara Cum: spec: p. 43. sub ead: In

montanis non frequens Biroli fl: acon: II. p. 240. sub cad:). Effusa crustæformis sub-decumbens alba demum flavescens ramis valde difformibus nunc teretibus obtusis nunc planis fimbriato-cristatis (Inter *Merismata* Fries).

❁ 7. *Th: rubiginosa* = Pers: syn: p. 567. = Fries l. c. p. 436. Spr: l. c. 485. = *Auricularia ferruginea* Bull: t. 378. (Ad truncos vetustos peren: *Pedem:* in sylvis *della Mandria* Re fl: tor: II. p. 316. Biroli fl: acon: II. p. 253. sub *Auricularia ferruginea. Sabaud:* Bonjean in litt:). Minor sessilis imbricata sub-lignosa dimidiata horizontalis plana zonata rubiginoso-spadicea subtus papillosa velutina (Inter *Apos* Fries).

❁ 8. *Th: tabacina* = Sowerb: fung: t. 25. = Fries l. c. p. 437. Spr: l. c. 485. = *Th: ferruginea* Pers: syn: p. 569. (Ad truncos varios. *Sabaud:* Bonjean in litt: sub *Th: ferruginea*). Effuso-reflexa tenuis sericea ferruginea marginata subtus pubescens (Inter *Apos* Fries).

❁ 9. *Th: hirsuta* = W. h. Berol: p. 397. = Fries l. c. p. 439. = *Auricularia reflexa* Sowerb: t. 27. non Bull: *Thelephora papyracea* Fl: dan: t. 1199. sec: Fries (Ad arborum truncos ubique perenn: *Pedem:* supra truncos emarcidos et trabes Re fl: tor: II. p. 317. *Sabaud:* Huguen: et Bonjean in litt:). Differt a priori pileo effuso-reflexo strigoso-hirsuto subtus glabro lævi lutescente (Inter *Apos* Fries).

❁ 10. *Th: purpurea* = Fries l. c. p. 440. = Spr: l. c. 485. ex Pers: = *Auricularia reflexa* Bull: t. 483. f. 1. 5. sec: Fries. *A. persistens* Sowerb: t. 383. f. 1. *Th: lilacina* Pers: var: Fl: dan: t. 1619. f. 1. (Cum

priori. *Pedem*: reperta a BERTERO *Albæ* ad arborum truncos exsiccatos pro var: *lilacina*. RB app: II. p. 221. BIROLI fl: acon: II. p. 232. sub *Auricularia reflexa* BULL: *Sabaud*: HUGUEN: et BONJEAN in litt:). Imbricata vix effusa coriaceo-mollis convexo-undulata strigoso-hirsuta zonis concentricis depressis variegatis subtus plerumque purpurea colore et statura valde tamen varians (Inter *Apos* FRIES).

❀ 11. *Th*: *disciformis* = DC. fl: fr: suppl: p. 31. = Fries l. c. p. 443. *Th*: *frustulata* var: Spr: l. c. 486. = Ic:? (*Gallia* ad Quercus. Etiam in *Sabaud*: sec: BONJEAN in litt:). Resupinata sub-rotunda subtus libera pubescens sordida supra papillosa alba.

❀ 12. *Th: cruenta* = Pers: syn: p. 575. = Fries l. c. p. 444. *Th*: *polygona* var: Spr: l. c. 487. = *Th: colliculosa* Hoffm: germ: II. t. 6. pro var: (Ad truncos variarum arborum. *Sabaud*: HUGUEN: et BONJEAN in litt:). Effusa coriaceo-membranacea glabra sanguinea papillis tuberculosis confertis; in var: *polygona* color incarnatus tuberculis magnis polygonis.

❀ 13. *Th*: *lævis* = Pers: syn: p. 575. = Fries l. c. p. 451. Spr: l. c. 486. = Ic:? (Ad ramos plures autumn: vere. *Sabaud*: BONJEAN in litt:). Effusa membranacea lævis pallida subtus araneoso-tomentosa alba.

❀ 14. *Th*: *rosea* = Pers: syn: p. 575. = Fries l. c. p. 451. Spr: l. c. = Ic:? (Cum priori. *Sabaud*: HUGUEN: in litt:). Effusa membranacea læviuscula rosea margine subtusque tomentosa.

❀ 15. *Th*: *lactea* = Fries l. c. p. 452. = Spr: l. c. 486. *Th*: *cretacea* Pers: myc: eur: I. p. 250. = *Fibrillaria stellata* Sowerb: t. 387. f. 1. sec: Fries (Ad

ramos et truncos autumn: *Pedem*: *Albæ* et *Venariæ* ad terram et arborum radices Re app: II. p. 221. sub *Th*: *cretacea*). Effusa membranacea molliuscula fibrosa lactea margine byssino papillis confertis parvis rugulosa (Inter *Himantias* Fries). An huc referenda *Th*: *Sambuci* Pers: sec: Fries in indice? Ita dubitanter censuit Steud:, sed hæc pruinosa margine glabra, papillæ obsoletæ; enumeratur a Re l. c., et invenitur ad truncos cariosos Sambuci nigræ etiam in *Sabaud*: sec: Huguen: in litt:

❋ 16. *Th*: *cinerea* = Fries l. c. 453. = Spr: l. c. 488. ex Pers: = Sub *Auricularia* Sowerb: fung: t. 288. (Ad ramos et truncos vere autumn: *Sabaud*: Huguen: in litt:). Late effusa tenuis sicca lævis glabra cinerea (Inter *Lejostromata* Fries).

Species dubiæ.

❋ 17. *Th*: *cærulea* = DC. fl: fr: II. p. 107. = Spr: l. c. p. 334. = *Auricularia phosphorea* Sowerb: fung: t. 383. (Ad sepimenta. *Sabaud:* Huguen: et Bonjean in litt:). Effusa tomentosa azurea margine demum sub-libero papillis parvis acutis.

❋ 18. *Th*: *mesenterica* = Pers: syn: p. 571. = Bolt: fung: app: t. 172. Sub *Auricularia* Duby bot: gall: p. 773. Sub *Phlebia* Fries el: I. 154. = *Aur*: *tremelloides* Bull: t. 290. (Ad truncos arborum præsertim Juglandis. *Pedem*: in arboribus emortuis vallis *Ticini* Biroli fl: acon: II. p. 232. sub *Aur*: *tremelloide*. *Sabaud*: Huguen: et Bonjean in litt:). Sub-imbricata plicata pileo demum reflexo fasciato fuscescenti-griseo

disco purpurascenti - plicato. Stirps valde dubia pro genere.

⊛ 19. *Th: umbrina* = Pers: syn: p. 579. = Fries el: I. 199. (Supra Salices prope *Venariam* Re app: II. p. 220. et fl: tor: II. p. 317.). Terrestris late effusa mollis umbrina margine sub - tomentoso albicante. Quid in Spr:? Quid *Th: applanata* Schrad:, *fuliginosa* Pers:, et *montana* in *Sabaud:* repertæ sec: Bonjean in litt:?

Sect: II.

Clavati.

(*Receptaculum* elongatum simplex vel ramosum in formam cylindricam tendens.
Hymen: superum. *Asci* fixi. *Velum* nullum.
Genera ex Fries 8. ex Spr: 5.).

XII. Clavaria Fries syst: mycol: p. 465. = Spr: syst: n. 3482. = Lam: ill: t. 888. = *Clavariæ* spec: plures L. aliique. = *Merismatis* spec: nonnullæ quorund:

» *Receptac:* (*clavula*) erectum cylindricum homo-
» geneum cum stipite confusum ramosum vel sim-
» plex. *Hymen:* concretum superne tantum ascige-
» rum. *Asci* sub-tenues. »

Obs: Genus constans ex Fries 63. stirpibus e substantia in duas series divisis, quarum prima e forma in 3. tribus sub-divisa.

1. Phalacrea

Primo byssina villosa dein glabra.

A *Botryoideæ*.

(Caulis crassus ramis simul sumptis vix tenuior, ramulis obtusis difformibus.
Magnæ terrestres præcoces meteoricæ rapidæ).

❀ 1. *Cl*: *Botrytis* = Pers: syn: p. 587. = Fries l. c. p. 466. Spr: l. c. 497. = Nees syst: f. 150. Viv: t. 59. f. 1. 2. 3. sec: Auctor: in litt: *Cl*: *coralloides* Scop: non L. (In fagetis alibique æstat: autumn: *Ligur*: in castanetis Viv: in litt:). Difformis magna, caulis decumbens pallidus ramis brevibus sub-rugosis apicibus rubris.

❀ 2. *Cl*: *coralloides* = L. suec: 1368. = Fries l. c. p. 467. *Cl*: *arbuscula* Scop: carn: II. n. 1626. *Merisma coralloides* Spr: l. c. 496.? = Battar: fung: t. 1. A B (Ad terram post intensas pluvias annis calidis. *Pedem*: passim in sylvis montanis All: n. 2781.? *Sabaud*: Bonjean in litt:). Erecta alba, caulis crassiusculus, rami elongati inæquales. Valde dubito an planta All: revera ad hanc stirpem sit referenda. Synon: Scop: et ico Schæff: ab ipso citata spectant ad seq: sec: Fries.

❀ 3. *Cl*: *flava* = Fries l. c. p. 467. = Viv: t. 55. sec: Auctor: in litt: = *Cl*: *flava* et *dichotoma* Pers: syn: p. 586. *Cl*: *fastigiata* L. suec: n. 1269. non Bull: *Cl*: *coralloides* Bull: t. 222. non L. Schæff: t. 175.

285. 287. Vern: *Manine*, *Carnine* (In sylvis ubique Aug: - Dec: *Pedem:* iisdem locis ALL: n. 2781.? BIROLI fl: acon: II. p. 239. ambo sub *Cl: coralloidea.* BALB: el: p. 10. sub *Cl: fastigiata.* RE fl: tor: II. p. 317. sub *Cl: flava. Ligur:* VIV: in litt: *Sabaud:* BONJEAN in litt:). Edulis præcedenti major late cæspitosa erecta, caulis valde crassus albus vel flavus glaber, rami recti teretes fastigiati sursum fasciculato-ramulosi.

❀ 4. *Cl: formosa* = Fries l. c. p. 466. = *Cl: coralloides purpurea* Pers: ic: et descr: p. 1. t. 3. f. 5. (In sylvis frondosis. *Ligur:* in fagetis VIV: in litt:). Medium tenere videtur inter duas præcedentes caule sub - decumbente albido, ramis aurantio - roseis, ramulis flavescentibus.

❀ 5. *Cl: cinerea* = Bull: t. 354. = Fries l. c. p. 468. = *Merisma cinereum* Spr: l. c. 497. (Ad terram in *Gallia. Pedem:* in collibus *Taurin:* BALB: de crep: p. 13. RE fl: tor: II. p. 318. *Ligur:* VIV: in litt: *Sabaud:* HUGUEN: in litt:). Vix edulis et parum a præcedenti diversa colore *cinereo*, ramis *dilatatis* apicibus depressis. Non confundenda cum *Cl: cinerea* VILL:, quam pariter in collibus *Taurin:* crescere tradidit BELLARD: app: p. 75.; hæc forsan pertinet ad *Cl: griseam* Pers: syn: p. 586. quæ tamen vix differt a prima caule *crassiori*, ramis *sub - rugosis*, ramulis *obtusis inæqualibus.* Utrasque conjunxit SPR: l. c.

❀ 6. *Cl: abietina* = Fries l. c. p. 469. = Sub *Merismate* Spr: l. c. 495. = Ic:? (In sylvis Aug: - Nov: *Sabaud:* BONJEAN in litt:). Ramosissima obscure ochracea, caulis brevis sub-tuberosus ramis sub-æqualibus teretibus, ramulis attenuatis acuminatis.

B *Ramariæ.*

(Caulis tenuior erectus basi sub-fibrillosus, ramis gracilioribus).

❋ 7. *Cl: stricta* = Pers: syn: p. 588. = Fries l. c. Sub *Merismate* Spr: l. c. 495. = Fl: dan: t. 1302. *Cl: pallida* Schæff: fung: t. 286. (Ad truncos passim. *Ligur*: Viv: in litt:). Pallida sub-rufescens ramosissima ramis ramulisque strictis adpressis acutis.

❋ 8. *Cl: corniculata* = Schæff: t. 173. = Fries l. c. p. 471. *Cl: muscoides* L. suec: 1270. non Bull: = Fl: dan: t. 775. f. 2. *Merisma corniculatum* Spr: l. c. 495. (In graminosis sylvaticis autumn: *Pedem*: in ramis et truncis arborum corruptis interdum reperitur All: n. 2782. sub *Cl: muscoidea*. Re app: II. p. 221. et fl: tor: II. p. 318. sub *Cl: corniculata*. *Ligur*: Viv: in litt:). Solitaria erecta elongata gracilis parce ramosa lutescens bis terve furcato-divisa ramulis lunulatis acutis.

❋ 9. *Cl: amethystina* = Bull: t. 496. f. 2. = Fries l. c. p. 472. = *Cl: purpurea* Schæff: t. 172. *Merisma amethystinum* Spr: l. c. 498. (Ad terram in ericetis passim Aug: - Sept: *Pedem*: valle *Pisii* in sylvis abiegnis post ingentes pluvias Cum: spec: p. 42.). Præcedentibus valde minor sub-cæspitosa ramosissima violacea, rami elongati teretiusculi coralloideo - dissecti obtusi. Varietatem ramis simplicibus gelatinosis laudat Cum: l. c.

❋ 10. *Cl: pratensis* = Pers: syn: p. 590. = Fries

l. c. p. 471. = *Cl: fastigiata* Bull: t. 358. f. D E non L. *Merisma pratense* Spr: l. c. 497. (Inter muscos in pratis Sept: - Nov: *Pedem:* in agro *Taurin:* loco dicto *la Molinetta* Re fl: tor: II. p. 318.). Minor cæspitosa lutea tenuis, rami breves geniculati divaricati ramulis inæqualibus obtusis sub-fastigiatis.

❋ 11. *Cl: crispula* = Fries l. c. p. 470. = *Cl: muscoides* Bull: t. 358. f. A B C non L. = *Merisma crispulum* Spr: l. c. 470. (Inter muscos ad truncos arborum Jul: - Oct: *Pedem:* similibus locis Bale: fl: taur: p. 201. Biroli fl: acon: II. p. 240. ambo sub *Cl: muscoidea*). Differt a priori statura *altiori*, colore ex *alutaceo ochraceo*, caule *tenuiori*, ramis *flexuosis multifidis*, ramulis *divaricatis*.

❋ 12. *Cl: crocea* = Pers: ic: et descr: p. 36. t. 11. f. 6. = Fries l. c. p. 472. = *Merisma corniculatum* var: Spr: l. c. 495. (Ad terram in fagetis raro. *Sabaud:* Bonjean in litt:). Minuta tenuis crocea, caulis nudus pallidus ramis congestis ramulisque conformibus sub-furcatis.

❋ 13. *Cl: rugosa* = Bull: t. 448. f. 2. = Fries l. c. p. 473. *Cl: argillacea* Spr: l. c. 493. ex Pers: = *Cl: laciniata* Schæff: t. 291. (Ad terram frequens præcipue locis humidis. *Pedem:* in montibus *di Canobbio* Biroli fl: acon: II. p. 240.). Simplex vel ramosa tenax incrassata rugosa albida, rami quando adsunt pauci difformes obtusi. Stirps polymorpha, ex synon: valde obscura. Huc probabiliter spectat inter alias *Cl: grossa* Pers: comm: p. 50. t. 2. f. 2. enumerata a Bale: misc: alt: p. 39. et Re fl: tor: II. p. 318.; equidem ramosissima, sed in ceteris quadrat.

❋ 14. *Cl: cristata* = Pers: syn: p. 591. = Fries l. c. = *Cl: albida* Schæff: fung: t. 170. *Cl: fallax* fl: dan: t. 1304. f. 2. (Ad terram humosam in sylvis autumn: *Ligur*: Viv: in litt:). Cæspitosa ramosa lævis glabra alba dein fuliginea ramis superne dilatatis cristatis acutis.

❋ 15. *Cl: byssiseda* = Pers: syn: p. 593. = Fries l. c. p. 476. Spr: l. c. 494. = Pers: comm: clav: t. 3. f. 1. (In sylvis ad folia et ramos Quercuum et herbarum. *Pedem:* similibus locis Balb: el: p. 10. *Sabaud*: Bonjean in litt:). Varia parva junior villosa alba dein glabra pallide rufescens, rami pauci divergentes, radiculæ longæ byssoideæ.

C *Corynoideæ.*

(Simplices solitariæ vel cæspitosæ basi attenuatæ).

❋ 16. *Cl: pistillaris* = L. suec: 1266. = Fries l. c. p. 477. Spr: l. c. 492. = Bull: t. 244. (In fagetis ad terram Aug: - Nov: *Pedem*: in sylvis sterilibus et umbrosis All: n. 2776. Balb: fl: taur: p. 202. In nemoribus speciatim *della Mandria* Re fl: tor: II. p. 318. In sylvis montanis frequens Biroli fl: acon: II. p. 240. *Sabaud*: Bonjean in litt:). Omnium maxima sub-solitaria simplicissima glabra junior cylindrica dilutior demum reapse clavata obscurior plicato-rugosa, color varians ætate a luteolo ad plus minus intense rufescentem.

❋ 17. *Cl: Ligula* = Fries l. c. p. 477. = Spr: l. c.

493. = *Cl: cæspitosa* Wulf: in Jacq: misc: II. p. 98. t. 12. f. 2. pro var: *α*. Schæff: fung: t. 171. pro var: *β* (Vulgatissima in sylvis abiegnis Jul:-Dec: *Pedem*: in sylvis collium *Aug*: *Taurin*: et prov: *Canapic*: BELLARD: app: p. 75.). Parum differt a priori, cum qua, excepto BELLARD:, probabiliter confusa a nostratibus, statura generatim *minori*, sæpius *cæspitosa*, basi *villosa*.

❋ 18. *Cl: fistulosa* = Fl: dan: t. 1256. = Fries l. c. p. 479. = Spr: l. c. 493. (Ad terram et inter folia decidua Oct:-Nov: *Sabaud*: BONJEAN in litt:). Longissima fistulosa gracilis stricta glabra flavo-rufescens radice villosa.

❋ 19. *Cl: juncea* = Fries l. c. p. 479. = Spr: l. c. = *Cl: fistulosa* Bull: t. 463. f. 2. non Fries (Ad folia decidua autumn: serotino. *Pedem*: super folia putrescentia secus *il Rio di Sassi* post pluvias BALB: fl: taur: p. 202. RE fl: tor: II. p. 319. Valle *Pisii* in pratis subalpinis autumn: CUM: spec: p. 43. omnes sub *Cl: fistulosa*). Tenuis filiformis sub-æqualis flava obsolete fistulosa basi repente glabriuscula vel villosa ibique fibrillosa fibrillis deciduis germinantibus in var: *β vivipara*.

❋ 20. *Cl: inæqualis* = Mull: fl: dan: t. 873. f. 1. = Fries l. c. p. 481. Spr: l. c. = *Cl: bifurca* Bull: t. 264. *Cl: fasciculata* Vill: (Ad terram. *Pedem*: similibus locis BALB: el: p. 10. sub *Cl: fasciculata* et *bifurca*. In sylvis collium *Taurin:* frequens RE fl: tor: II. p. 319. n. 8. sub *Cl: fasciculata* et in sylvis *della Mandria* ibid: n. 9. sub *Cl: bifurca*). Cæspitosa fasciculata inæqualis lutea, rami seu clavulæ difformes

compressiusculæ sæpius acutæ interdum bifurcæ.

❀ 21. *Cl: helvola* = Pers: comm: p. 69. = Fries l. c. p. 482. = Sv: bot: t. 504, f. 4. sec: Fries. Spr: l. c. 493. (Ad terram humosam Oct: *Sabaud:* Bonjean in litt:). Gregaria teres æqualis lævis sordide lutea apice dein cinnamomea.

❀ 22. *Cl: nigrita* = Pers: syn: p. 604. = Fries l. c. p. 483. = *Cl: fragilis* var: Spr: l. c. 493. (Ad terram graminosam. *Sabaud:* Bonjean in litt:). Cæspitosa fragilis fistulosa lævis nigra.

❀ 23. *Cl: fragilis* = Holmsk: ot: I. p. 7. c. ic: = Fries l. c. p. 484. Spr: l. c. = Bolt: t. 111. f. 1. pro var: α *gracili.* Bull: t. 463 f. 1. pro var: β *cylindrica.* Michel: t. 87. f. 6. pro var: γ *sub-solitaria* (Ad terram præcipue in ericetis α, in sylvis ubique β, γ Aug: - Nov: *Pedem:* in alnetis *Morettensibus* autumn: post pluvias Balb: misc: bot: p. 54. In pratis agri *Taurin:* mense majo Re fl: tor: II. p. 319. Ad montem *Ossulanum* Biroli fl: acon: II. p. 240. omnes pro *Cl: cylindrica. Sabaud:* Huguen: in litt:). Cæspitosa vel sub - solitaria fistulosa fragilis ex albo lutescens modo sub-æqualis modo manifeste clavata clavulis variis; in *cylindrica* clavulæ turgidæ obtusæ. *Cl: granulosa* Balb: misc: bot: p. 55. t. 11. lecta a Moliner: in collibus *Taurin:* non differt a *cylindrica* nisi stipite *aurantio* et clavula *granulosa coccinea*, nec confundenda cum *Cl: granulosa* Bull: quæ pertinet ad *Sphæriam militarem.*

❀ 24. *Cl: candidissima* = Vill: delph: III. p. 1050. (In collibus *Taurin:* Balb: fl: taur: p. 201. Re fl: tor: II. p. 320. In collibus *Novariens:* Biroli fl: acon: II.

p. 240 In ericetis dictis *le Montiglie di Moncrivello* mense octobr: BELLARD: app: p. 75.). Sub-ramosa erecta alba ramis simplicibus acutis obtusisve sæpe leviter bifurcatis. Quid in FRIES, STEUD: et SPR:?

2. Calocera

Carneo-gelatinosa ramosa vel simplex viscosa radicata absque stipite discreto.
Fungi lignatiles fulvi vel lutei, ascis tenuibus, sporidiis albis?

❀ 25. *Cl: cornea* = Batsch: cent: I. f. 161. = Fries l. c. p. 486. Spr: l. c. 494. = *Cl: aculeiformis* Bull: t. 463. f. 4. (Ad truncos varios frequens Jul: - Dec: *Pedem*: valle *Pisii* in montibus ad ligna et truncos semi-putridos CUM: spec: p. 42. sub *Cl: aculeiformi. Sabaud:* HUGUEN: in litt:). Exigua cæspitosa simplex vel ramosa lutea fragillima basi coalescens apice acuminata. Huc spectat ex synn: *Tremella aculeiformis* RE fl: tor: II. p. 323. lecta in sylvis *della Mandria.*

❀ 26. *Cl: viscosa* = Pers: comm: p. 53. t. 1. f. 6. = Fries l. c. = Sub *Merismate* Spr: l. c. 496. (Ad truncos vetustos Jul: - Dec: *Sabaud*: HUGUEN: in litt:). Tenax viscosa vitellina ramis ramulisque furcatis caule tenui radicato.

Species valde dubiœ.

❀ 27. *Cl: muscorum* = Cum: spec: p. 43. (Valle *Pisii* in fagineis sylvis post pluvias inter muscos CUM:

l. c.). Fragillima minima simplex nivea cylindrica basi attenuata pulvinata. Quid in aliis Auctoribus?

❀ 28. *Cl: hybrida* = Bull: t. 440. f. 1. = *Sphæria polymorpha* Fries syst: myc: II. 327. (*Gallia* in truncis vetustis et asseribus. *Pedem*: non procul ab urbe *Monregalensi* Re app: I. p. 54.). Coriaceo - suberosa cinereo-nigricans ramosa ramis apice obtuse ramulosis.

❀ 29. *Cl: vitellina* = Pers: myc: eur: I. p. 170. = Duby bot: gall: p. 764. *Cl: pratensis* sec: Fries el: I. 230. = Ic: ? (Prope *Parisios* Duby. *Sabaud:* Huguen: in litt:). Cæspitosa flava trunco tenuissimo simpliciter ramoso ramulis furcatis obtusis fuscis.

XIII. Geoglossum Pers: syn: p. 607. = Fries syst: mycol: I. p. 487. = Spr: syst: n. 3481. = *Clavariæ* spec: nonnullæ quorund:

» *Receptac:* (*clavula*) erectum clavæforme sub-
» compressum deorsum in stipitem productum. *Hy-*
» *men*: concretum undique ascigerum. *Asci* elongati. »

Obs: Genus vix a *Clavaria* distinctum characteribus allatis, monente ipso Fries ei nimis affine et ægre admittendum, constans 9. stirpibus terrestribus sub-gregariis, colore nigricante vel viridi tinctis.

❀ 1. *G. glabrum* = Pers: syn: p. 608. = Fries l. c. p. 488. Spr: l. c. 492. = *Clavaria ophioglossoides* L. Bull: t. 372. Michel: gen: t. 87. f. 4. (In graminosis frequeus præsertim locis paludosis æstat: autumn: *Pedem:* in sylvis muscosis humidis collium All: n. 2777. excl: syn: Schæff: Balb: fl: taur: p. 200. Re fl: tor: II. p. 319. In ericetis *Burgimanerî* frequens Biroli fl: acon: II. p. 239. omnes sub *Cla-*

varia ophioglossoidea. Sabaud: Huguen: et Bonjean in litt:). Glabrum siccum nigricans, stipes sub-squamulosus. Figura Schæff: ab All: citata spectat ad *G. hirsutum* levi hirsutie qua obducitur vix diversum; forsan pariter ex *Pedem*:, certe in *Sabaud:* ex Auctoribus supra citatis in litt:

❋ 2. *G. viride* = Pers: syn: p. 610. = Fries l. c. p. 489. Spr: l. c. = Sub *Clavaria* Fl: dan: t. 1258. f. 1. (Ad terram in fagetis et in paludosis umbrosis. *Sabaud*: Huguen: in litt:). Sub-fasciculare viride, clavula distincta, stipes squamulosus. Variat multimode.

XIV. Typhula Fries syst: mycol: I. p. 494. = *Clavariæ* et *Pterulæ* spec: Auctor:

» *Receptac*: (*clavula*) sub-cylindricum undique spo-
» rigerum, ascis ob tenuitatem plerumque oblitera-
» tis; *stipes* capillaris a clavula discretus. »

Obs: Genus a *Clavariis* in *Mucedines* abiens, constans ex Fries 8. stirpibus tenellis in foliis vel stipulis putrescentibus enascentibus.

❋ 1. *T. Rhizopus* = Nob: = *Clavaria Rhizopus* Berter: in Re app: II. p. 221. (*Albæ* ad terram madidam in locis umbrosis post pluvias autumnales Re l. c.). Clavula cylindrico-filiformi-subulata glabra, stipes pilosus basi flexuosus radicatus tuberculo fusco per ætatem lenticulari. Valde affinis *T. phacorrhizæ* Fries, sed stipite *piloso* et tuberculo *fusco* nec nigro diversa.

❋ 2. *T. penicillata* = Duby bot: gall: p. 760. = Sub *Pterula* Fries 111. *Linn*: V. 532. Sub *Cla-*

varia Vaill: par: t. 8. f. 3. = Bull: t. 448. f. 3. (*Gallia* ad ramos emarcidos et ad terram. *Pedem*: in collibus *Taurin*: ad semitas super lignum semiputridum eundo a *Caburetto* ad sacellum *D. Magdalenæ* Bale: misc: bot: p. 13. et fl: taur: p. 201. Re fl: tor: II. p. 319. omnes sub *Clavaria*). Exigua elongata gracilis glabra lutea clavula penicillato-dissecta. Omissa a Spr:; habitu huc potius quam inter *Clavarias* referenda videtur.

❀ 3. *T. filiformis* = Fries syst: l. c. p. 496. = Sub *Clavaria* Bull: t. 448. f. 1. = *Himantia* et *Ozonium lateritium* Pers: syn: p. 704. et myc: eur: I. p. 87. Spr: l. c. p. 559. (Ad folia decidua autumn: *Pedem*: similibus locis speciatim in valle *Pisii* Cum: spec: p. 43. sub *Clavaria*. *Sabaud*: Bonjean in litt: sub *Ozonio lateritio*). Gracillima sub-ramosa elongata pubescens utplurimum lateritia clavulis incrassatis albidis pilosis.

❀ 4. *T. erythropus* = Pers: syn: p. 297. t. 2. f. 14. = Fries l. c. p. 495. = Sub *Clavaria* Spr: l. c. 494. *Cl: gyrans* Bolt: t. 112. (Ad stipites et folia passim autumn: *Sabaud*: Bonjean in litt:). Simplex clavula glabra alba stipite striato atro-rubente.

Sect: III.

Mitrati.

(*Receptac:* bullatum pileiforme marginatum.
Hymen: superum numquam clausum.
Asci fixi. *Velum* nullum. Genn: ex FRIES 6.
ex SPR: 4.).

XV. MORCHELLA Dill: gen: p. 74. = Fries syst: mycol: II. p. 5. = Spr: syst: n. 3478. = Lam: ill: t. 885. sub *Boleto* = *Phalli* spec: L.

» *Receptac:* (*mitra* quorund:) clavatum vel pilea-
» tum rotundatum centro impervium supra hymenio
» tectum. *Hymen:* costis elevatis cellulosum vel la-
» cunosum persistens. »

Obs: Genus constans 12. stirpibus valde inter se se affinibus et vix separandis. Fungi maiores ceraceo-carnosi vernales terrestres sub-odori esculenti, mitra basi adnata vel soluta.

❀ 1. *M. esculenta* = Pers: syn: p. 618. = Fries l. c. p. 6. Spr: syst: IV. 490. Sub *Phallo* L. suec: 1262. = Bull: t. 218. Vern: *Poungole*, *Spoungiole* (Ad terram in regionibus elevatioribus passim vere. *Pedem:* in pascuis ad oras sylvarum ALL: n. 2764. BALB: fl: taur: p. 208. RE fl: segus: p. 92. BIROLI fl: fl: acon: II. p. 231. omnes sub *Phallo*. RE fl: tor: II. p. 321. sub *Morchella*. *Ligur:* in montibus supra *Novi* VIV: in litt: *Sabaud:* HUGUEN: et BONJEAN in litt:). Mitra sub-ovata basi stipiti adnata costis firmis in

areolas profundas sub - irregulares anastomosantibus, stipes crassus lævis junior farctus mox cavus. Variat multimode mitræ forma, colore (sæpius fuligineo) ac magnitudine. Odor debilis, sapor gratissimus. *M. deliciosa* Fries l. c. p. 8. speciatim non differt nisi costis *longitudinalibus* rugis *transversalibus* connexis, ac colore generatim *flavido;* sapidiorem esse monet cl: Auctor.

❋ 2. *M. hiemalis* = Fries l. c. p. 9. = Spr: l. c. 491. = Sub *Phallo* Balb: misc: bot: p. 60. t. 11. f. 4. (*Pedem*: in muro quodam septentrionem spectante prope *Padum* supra *la Madonna del Pilone*, non prope *Paduam* uti in Fries, nec ad *Pataviam* ut in Spr:, Balb: l. c. Re fl: tor: II. p. 321.). Differt a præcedentibus statura *multoties* minori, mitra *globosa* profundius cellulosa, stipite leviter *striato*. E mense Januarii evolvitur.

❋ 3. *M. semilibera* = Fries l. c. p. 10. = *M. hybrida* Spr: l. c. ex Pers: = *Helvella hybrida* Sowerb: fung: t. 238. *Phallus Rete* Batsch: aliique. Michel: gen: t. 84. f. 3. (In sylvis vere. *Pedem*: in H. B. *Taurin:* Balb: misc: alt: p. 31. et fl: taur: p. 208. sub *Phallo Rete*. Re fl: tor: II. p. 321. sub *Morchella Rete*. Valle *Pisii* in sylvis faginels cæsis ubi cum *esculento* a mulierculis venundatur Cum: spec: p. 27. sub *Phallo Rete*). Mitra conica brevis acuta cinereofusca ad medium a stipite soluta costis longitudinalibus in areolis oblongis intus venosis junctis, stipes longiusculus æqualis lævis albus dein leucophæus.

❋ 4. *M. undosa* = Pers: syn: p. 620. = Fries l. c. p. 11. Spr: l. c. 491. Sub *Phallo* Gmel: aliique

= Michel: gen: t. 84. f. 2. *Phallus crispus* Vent: non Scop: (In *Ital*: locis ruderatis. *Pedem*: valle *Pisii* in abiegnis sylvis ad scopulos circa *la Minera dl fer* Cum: spec: p. 27.). Mitra campanulata crispa basi soluta sub-acuta rufescens areolis undulatis difformibus elongatis, stipes cavus rimis æqualibus reticulato-sulcatus leucophæus.

XVI. Helvella Fries syst: mycol: II. p. 13. = Spr: syst: n. 2477. = Lam: ill: t. 885. = *Helvellæ* spec: L.

» *Receptac*: (*mitra*) pileatum centro suffultum de-
» flexum sub-inflatum sinuosum supra margineque
» hymenio tectum. *Hymen*: læve persistens. »

Obs: Forma pilei et præsertim hymenio lævi distinguitur a præcedenti genus hocce constans 13. stirpibus ex substantia et structura pilei in duas tribus divisis. Fungi persistentes fere inodori et insipidi, terrestres vel lignatiles.

1. *Mitræ* (Pileus ceraceo-membranaceus primo adnatus demum undulato-plicatus).

❋ 1. *H. crispa* = Fries l. c. p. 14. = Spr: syst: IV. 488. *H. mitra* L. in parte. *Phallus crispus* Scop: carn: II. n. 1606. = Michel: gen: t. 86. f. 7. *H. mitra* Bull: t. 466. (In sylvis autumn: *Pedem*: iisdem locis All: n. 2367. Re fl: segus: p. 92. et fl: tor: II. p. 320. Balb: fl: taur: p. 210. Biroli fl: acon: II. p. 234. omnes sub *H. mitra*. *Sabaud:* Huguen: in litt: sub *H. crispa*. Bonjean in litt: sub *H. albida*). Ter-

restris solitaria magna sub-edulis, mitra lobata crispa pallida, stipes fistulosus crassus deorsum ventricosus niveus totus sulcato-costatus et lacunosus. Variat pileo albo-pallescente (*H. albida* Schæff: fung: t. 282.), incarnato, lutescente (Battar: fung: t. 2. f. G). *Phallus crispus* Scop:, quem cl: Biroli l. c. p. 231. asserit unice vidisse in sepibus *di Dormeletto*, non differt ab *Helvella crispa* Bull: ab eod: Biroli enumerata.

❋ 2. *H. lacunosa* = Aszel in V A H 1783. p. 303. = Fries l. c. p. 15. Spr: l. c. 489. = Schæff: fung: t. 162. pro var: b (Ad terram et in truncis mucidis vere autumn: *Sabaud:* Huguen: in litt:). Vix differt a priori, cujus forsan var:, mitra magis *regulari vix laciniata cinereo-nigra*, ac statura plerumque *minori*.

❋ 3. *H. esculenta* = Pers: syn: p. 618. = Fries l. c. p. 16. Spr: l. c. 490. = Manz: pug: t. 6. sec: Fries (In pinetis regionum montanarum locis udis sub-humidis Mart:-Maj: *Ligur:* in collibus *sub-Apen:* Viv: in litt:). Edulis major, pileus inflatus difformis undulatus gyroso-rugosus brunneus margine stipiti lævi villoso adnexus.

❋ 4. *H. infula* = Schæff: fung: t. 159. = Fries l. c. p. 17. Spr: l. c. 490. = *H. brunnea* Gmel: aliique (Ad terram et truncos autumn: etiam in *Amer:* bor: *Pedem:* in nemoribus prope *Sturam* Balb: misc: alt: p. 41. et fl: taur: p. 210. sub *H. brunnea*. Re fl: tor: II. p. 321. sub *H. infula* per errorem *infusa*. *Ligur:* in collibus *sub-apenninis* Viv: in litt:). Magna sub-edulis, mitra adnata lobata irregularis brunnea subtus villosiuscula, stipes junior farctus demum cavus

pallens villosus sub-lacunosus sed nullo modo sulcatus. Hanc esse genuinam *Mitram* Antiquorum monet Fries. *H. inflata* Cum: spec: p. 30. t. 3. vix differt mitra *inflexa fusco-rubra*, stipite *dilute rubescente*; nascitur in valle *Pisii* post pluvias circa areolas carbonarias, in sylvis fagineis, nec alibi.

❋ 5. *H. Monachella* = Fries l. c. p. 18. = Spr: l. c. = Viv: t. 52. ex Auctor: in litt: Sub *Phallo* Scop: carn: II. n. 1607. Michel: gen: t. 86. f. 8. pro typo. Schæff: fung: t. 283. pro var: b sub *H. spadicea. H. grandis* Cum: (In sylvis montosis arenosis vere. *Pedem:* in valle *Pisii* post pluvias iisdem locis Cum: spec: p. 29. sub *H. grandi. Ligur:* cum priori Viv: in litt:). Priori valde affinis, sed differt vegetatione *vernali*, mitra *lævi* a *spadicea* ad *nigrescentem*, stipite *lævi glabro* vix basim versus *sub-lacunoso*.

2. *Pezizoideæ* (Pileus sub-membranaceus lævis semper liber. Fungi graciles non cibarii).

❋ 6. *H. elastica* = Bull: t. 242. = Fries l. c. p. 21. Spr: l. c. *H. albida* Pers: var: a = *H. fuliginosa* Dicks: et Sowerb: fung: t. 154. var: b (In sylvis frondosis locis sub-humidis æstate autumn: *Pedem*: in collibus *Taurin*: Balb: misc: bot: p. 61. et fl: taur: p. 210. Re fl: tor: II. p. 320. sub *H. albida*. In sylvis collium Biroli fl: acon: II. p. 234. *Sabaud*: Huguen: in litt:). Minor gracilis elastica, mitra inflata mox acute 2-3-loba demum plicata umbrina aut pallida, stipes fistulosus valde elongatus tenuis sæpe irregulariter lacunosus, mitra concolor.

❀ 7. *H. reflexa* = Cum: spec: p. 30. t. 2. = Fries l. c. p. 22. = *H. chrysophæa* Pers: myc: eur: p. 211. (Valle *Pisii* vere post pluvias in montibus sylvosis Cum: l. c.). Pileus expansus undulatus irregulariter lobatus reflexus fulvo-fuscus subtus albus, stipes albus ad medium sulcatus. Omissa a Spr:

❀ 8. *H. phalloides* = Cum: spec: 31. non Afz: = Sub *Clavaria* Bull: t. 463. f. 3. = *Leotia Bulliardi* Spr: syst: IV. 492. (Ad folia dejecta in sylvis. In valle *Pisii* similibus locis Cum: l. c.). Fragillima simplex fistulosa, pileus ovato-oblongus aurantiacus, stipes cylindricus albus vel sub-rubescens. *H. phalloides* Afz: pertinet ad *Morchellam esculentam* sec: Fries in indice.

XVII. Leotia Pers: comm: clav: p. 31. = Fries syst: mycol: II. p. 25. = Spr: syst: n. 3480. pro parte = *Phalli* et *Helvellæ* spec: nonnullæ quorund:

» *Receptac*: (*clavula* ex Spr:) capitato-pileatum
» margine revolutum supra margineque hymenio ve-
» stitum. *Hymen*: confluens undulatum persistens. »

Obs: Genus vix a priori distinctum, constans 10. stirpibus. Fungi medii gregarii sub-inodori vel insipidi.

❀ 1. *L. lubrica* = Pers: syn: p. 613. = Fries l. c. p. 29. Sub *Helvella* Spr: syst: IV. 489. ex Scop: = *H. gelatinosa* Bull: t. 473. f. 2. (In sylvis etiam paludosis *Eur:* et *Amer:* bor: *Pedem:* in sylvis *della Mandria* prope *la Veneria* secus rivulos Balb: de crep: p. 17. et fl: taur: p. 210. Valle *Pisii* in fagineis sylvis et ad umbrosas semitas Cum: spec: p. 29.

In sylvis *S. Petri de Mosezzo* locis uliginosis Biroli fl: acon: II. p. 233. omnes sub *Helvella gelatinosa*. Re fl: tor: II. p. 320. sub *Leotia lubrica*. *Sabaud*: Huguen: et Bonjean in litt:). Mollissima tremellosa, pileus tumidus repandus flavo-viridis, stipes elongatus squamulosus cavus flavus. Forma, colore, dimensionibusque frequenter ludit.

❄ 2. *L. aurantiaca* = Pers: = Sub *Helvella* Cum: spec: p. 30. = *Leotia Bulliardi* var: Spr: l. c. 492. (Valle *Pisii* supra truncos et ramos putridos in fontibus aut rivulis degentes vere et æstate Cum: l. c.). » Pileo exiguo convexo aurantiaco lævi gelatinoso, » stipite albo - rubescente fistuloso basi attenuato. » (Cum: l. c.). Plantam non vidi; ex descr: cl: Cum: comparata cum *Helvella phalloidea*, constat hasce duas stirpes non confundendas uti perperam fecit Spr: sub *Leotia Bulliardi*, pilei structura est enim omnino diversa; easdem distinguit quoque Steud: Quid in Fries? Huc videntur pertinere *Helvella Bulliardi* et *Leotia uliginosa* quæ crescunt in *Sabaud:*, monente Bonjean in litt:

Sect: IV.

Cupulati.

(*Receptac*: patellæforme marginatum. *Hymen*: superum junius clausum urceolatum. *Asci* erecti fixi vel liberi. *Velum* præsens vel nullum. Genera ex Fries 10.).

Obs: Ex ascorum, veli, et receptaculi indole genera hujusce sectionis dividuntur in *Pezizeas*, *Dermeas* et *Heteroclitas*.

A *Pezizeæ*.

(*Hymen*: læve persistens. *Asci* ampli sporidia elastice ejicienda includentes. *Recept*: carnosum vel membranaceum substantia simplici. *Velum* non distinctum).

XVIII. Peziza Dill: gen: p. 74. = Fries syst: mycol: II. p. 40. = Spr: syst: n. 3489. inter *Utrinos* = Lam: ill: t. 886. = *Helvellæ*, *Octosporæ*, *Patellæ*, *Eucœliæ* spec: nonnullæ quorund:

» *Receptac*: (*cupula*) sub-concavum mox apertum, » disco nudo. *Asci* fixi persistentes paraphysibus im- » mixtis. »

Obs: Genus numerosissimis constans stirpibus (324. ex Fries, 158. ex Spr:), proinde extricatu difficillimis, in 4. series divisis, quarum tres priores in 4. tribus sub-divisæ.

Ser: I.

ALEARIA (*Velum* universale concretum tenue superficiem pruinosam reddens. *Substantia* carnosa vel carnoso-membranacea mollis fragilis. *Hymen:* distinctum fere secernibile ascis maximis).

α *Helvelloideæ* (*Cupula* semper aperta junior connivens. *Velum* superficiale. *Sporidia* sporidiolis duobus. Fungi magni terrestres).

❀ Acetabula.

Cupula sub-integra; stipes crassus sulcatus.

❀ 1. *P. Acetabulum* = L. sp: 1650. = Fries l. c. p. 44. Spr: syst: IV. 499. = Bull: t. 485. f. 4. Viv: t. 52. sec: Auctor: in litt: (In sylvis vere frequens. *Pedem*: similibus locis ALL: n. 2768. BALB: fl: taur: p. 207. RE fl: tor: II. p. 326. BIROLI fl: acon: II. p. 237. *Ligur*: in umbrosis montanis VIV: in litt: *Sabaud*: HUGUEN: et BONJEAN in litt:). Cupula cyathiformis fuliginea extus a medio ad basim costata costis ramosis in stipitem brevem fistulosum lacunosum porrectis.

❀ 2. *P. sulcata* = Pers: syn: p. 643. t. 5. f. 1. = Fries l. c. (In sylvis fagineis rara. *Ligur*: VIV: in litt:). Priori valde minor hypocrateriformis albida extus lævis, stipes farctus crassus rugoso-sulcatus.

❋❋ Cochleatæ.

Sub-sessiles pruinosæ dimidiatæ vel obliquæ contorto-flexuosæ.

❋ 3. *P. badia* = Pers: syn: p. 639. = Fries l. c. p. 46. Spr: l. c. 500. = *Helvella cochleata* Bolt: fung: t. 99. non Wulf: (Ad terram locis graminosis æstat: autumn: *Sabaud*: Huguen: in litt:). Iutegra flexuosa brunnea margine primo involuta extus pruinosa dilutior sub-olivacea.

❋ 4. *P. aurantia* = Pers: obs: II. p. 76. = Fries l. c. p. 49. Spr: l. c. 500. = Fl: dan: t. 657. f. 2. *P. coccinea* Bull: t. 474. non Jacq: (In sylvis præcipue ad radices Quercuum et Fagorum autumn: *Pedem:* copiosa in collibus *Taurin*: Balb: misc: bot: p. 59. et fl: taur: p. 207. In ascensu alpis *Mascaron* vallis *Pisii* nunc solitaria nunc gregaria Cum: spec: p. 33. ambo sub *P. coccinea*. Re fl: tor: II. p. 326. sub *P. aurantia*. *Sabaud*: Huguen: et Bonjean in litt: sub *P. coccinea*). Magnitudine valde varians, cupula subsessilis irregularis obliqua nitidissima aurantiaca vel coccinea extus leviter flocculoso-farinosa margine subvillosa.

❋ 5. *P. cochleata* = Fries l. c. p. 50. = Bull: t. 154. f. B var: = Spr: l. c. *P. umbrina* Pers: syn: p. 638. (In umbrosis sub-humidis æst: autumn: *Pedem*: similibus locis Balb: el: p. 11. In valle *Ticini* Biroli fl: acon: II. p. 237. *Sabaud:* Huguen: in litt:). Cæspitosa magnitudine et forma varia, cupula ses-

silis cochleatim contorta umbrina extus pruinosa. In var: *β alutacea* quæ est vera *P. cochleata* Bull:, cupula minor externe albida intus pallescenti-fuliginea interdum sub - stipitacea. Ad hanc var: videtur referenda *Helvella ochracea* All: n. 2770. ex Schæff: fung: t. 151. sec: Fries l. c. quæ penes nos in lignis putrescentibus atque etiam in fimo reperitur. Cave tamen ne illam confundas cum *P. ochracea* Cum: de qua infra.

❋ 6. *P. Batschii* = Balb: misc: bot: p. 58. t. 11. f. 3. (Collibus *Taurin*: locis humidis inter *Lemia* et *Ponte di Barra* in valle *Sassi* Balb: l. c. et fl: taur: p. 206. Re fl: tor: II. p. 328. Ad lacum *Verbanum* prope *Mejna* Biroli fl: acon: II. p. 236.). Omissa a Fries et Spr: *P. cochleatæ* var: Batsch: t. 28. f. 158. sec: Balb: Differt tamen cupula *planiuscula puniceo - miniata* extus saturate *ochraceo-carnea*.

❋❋❋ Pustulatæ.

Cupula centralis sessilis fragillima aquoso - succulenta passim basi radiciformi stipitata margine sub - incisa.

❋ 7. *P. repanda* = Wahlb: ups: p. 466. = Fries l. c. p. 51. Spr: l. c. 501. = *P. coronata* Jacq: misc: II. p. 140. t. 10. (Ad truncos vetustos mucidos vere autumn: *Sabaud*: Bonjean in litt:). Magna solitaria vel sub - cæspitosa inciso - repanda intus sub - rugosa fusca extus farinosa albida basi radicato - producta.

❋ 8. *P. cerea* = Sowerb: fung: t. 3. = Fries l. c.

p. 52. = Spr: l. c. 501. (In vaporariis et fimetosis passim æstat: *Pedem*: in agro *Taurin*: et in vaporariis Re app: I. p. 49. et fl: tor: II. p. 326. *Sabaud*: Huguen: in litt:). Major gregaria, cupula infundibuliformis repanda ceræ flavæ similis basi stipitiformis albida villosa.

❋ 9. *P. vesiculosa* = Bull: t. 467. f. 1. = Fries l. c. p. 52. = Spr: l. c. (In fimetis et sterquiliniis vere autumn: *Pedem:* copiose in pratis fimo obtectis et in fimetis potissimum mire luxuriat formaque variat Balb: misc: bot: p. 60. et fl: taur: p. 207. Re fl: tor: II. p. 326. Biroli fl: acon: II. p. 237.). Major integra sessilis junior globosa mox turbinata demum hemisphærica generatim plus minus fuscescenti-albida extus furfuracea.

❋ 10. *P. pustulata* = Pers: syn: 646. = Fries l. c. p. 55. Spr: l. c. = Sub *Octospora* Hedw: musc: fr: II. p. 19. t. 6. f. A (In sylvis ad terram udam. *Sabaud*: Huguen: in litt:). Sub-globosa pallida sub-fuliginea extus albido-furfuracea margine integro.

β *Geopyxis* (*Cupula* primum clausa. *Velum* innatum. *Sporidia* simplicia. Fungi terrestres).

❋ Macropodes.

Stipes elongatus regularis gracilis, cupula sub-lacera.

❋ 11. *P. tuberosa* = Bull: t. 485. f. 3. = Fries l. c. p. 58. Spr: l. c. 507. = Sub *Octospora* Hedw:

musc: II. p. 33. t. 10. f. B (In nemoribus umbrosis et pratis muscosis Mart:-Apr: *Pedem*: similibus locis Balb: el: p. 7. Speciatim post pluvias in locis umbrosis vineæ *Morozzo* Re fl: tor: II. p. 326. *Sabaud*: Huguen: et Bonjean in litt:). Minor, cupula infundibuliformis spadicea aut badia, stipes gracilis sub-flexuosus valde elongatus (brevis strictus in var: β *strobolina*) basi tubere nigro difformi sæpius instructus.

❋ 12. *P. Rapulum* = Bull: t. 485. f. 2. = Fries l. c. p. 59. = Spr: l. c. 499. (Ad terram humo profunde infixa vere. *Pedem*: valle *Pisii* in pratis Cum: spec: p. 32. *Sabaud:* Huguen: in litt:). Vix a priori diversa stipite *torto*, radice *elongato-fibrillosa* nec tuberosa.

❋❋ Cupulares.

Sub-sessiles extus pruinosæ membranaceæ vel carnosæ.

❋ 13. *P. carbonaria* = Pers: musc: eur: p. 228. = Fries l. c. p. 62. Spr: l. c. 500. = Ic:? (In sylvaticis deustis in carbonariis abunde vere. *Pedem*: similibus locis Balb: el: p. 6.). Gregaria tenuis globoso-campanulata lævis ochreo-rufescens extus sub-pruinosa margine farinoso-crenato. Variat omnino sessilis vel brevi-stipitata.

❋ 14. *P. cupularis* = L. suec: 1273. = Fries l. c. p. 62. Spr: l. c. 501. = Vaill: bot: par: p. 57. t. 11. f. 1. 3. *P. crenata* Bull: t. 396. f. 3. (In sylvis etiam *Amer*: autumn: raro vere. *Pedem:* in summitate vallis

Salicum collium *Taurin*: Balb: misc: bot: p. 59. et fl: taur: p. 206. Re fl: tor: II. p. 326. Secus *Verbani* lacum locis umbrosis frequens Biroli fl: acon: II. p. 236. *Sabaud*: Huguen: in litt:). Differt a priori, cui affinis, præsertim cupulæ margine *evidentius crenato* et quasi *lacero*, substantia magis *cerea*, colore generatim *pallidiore*.

❋ 15. *P. applanata* = Fries l. c. p. 64. = *P. depressa* Pers: obs: I. p. 40. t. 6. f. 7. = *Octospora applanata* Hedw: musc: fr: II. p. 18. t. 5. f. C (Ad terram locis humidis nudis æstat: autumn: *Sabaud*: Bonjean in litt:). Depressa rufa subtus pruinoso-carnea disco demum sub-rugoso.

❋ 16. *P. granulata* = Bull: t. 438. f. 3. = Fries l. c. p. 67. = Spr: l. c. 502. (In stercore præsertim vaccino ubique æstat: autumn: *Pedem*: super humanum stercum gregariam invenit retro hortum bot: *Taurin*: Balb: misc: bot: p. 58. et fl: taur: p. 206. Re fl: tor: II. p. 327. sub *P. granulosa*. Supra jumentorum et humana stercora copiosa et gregaria Cum: spec: p. 33.). Minuta sessilis planiuscula aurantio-rubra extus papillis liberis sub-pellucidis rugoso-granulosa. Huc pertinet *P. scabra* fl: dan: t. 655. f. 2. enumerata a Cum: spec: p. 35. separatim a *granulosa*, cujus vix var: dici potest. An huc ducenda *P. stercoraria* Bull: t. 376., quam cl: Fries l. c. p. 163. refert sub *Ascobolo furfuraceo* Pers:? Ita censuit Balb: de sua *P. granulata* in quadam nota mss: ad misc: bot: l. c.; sed descr: Fries et ico Bull: non quadrant cum planta Balb:

γ *Humaria* (*Cupula* carnosula parva. *Velum* margine flocculosum vel fugax. *Sporidia* sporidiolo solitario. Fungi terrestres).

❋ Lomeæ.

Sub-sessiles concavæ.

❋ 17. *P. rutilans* = Fries l. c. p. 68. = *P. leucoloma* var: Spr: l. c. 506. = Ic:? (In pratis et pascuis inter muscos vere autumn: *Sabaud:* Huguen: in litt:). Media sub-sessilis campanulato-explanata extus leviter pubescens pallida disco aurantio-rubra.

❋ 18. *P. araneosa* = Bull: t. 280. = Fries l. c. p. 69. = Spr: l. c. 506. (In sylvis et hortis umbrosis. *Pedem*: in sylvis *Stupinixii* Balb: de crep: p. 15. et fl: taur: p. 207. Re fl: tor: II. p. 327. In sylvis collium provinc: *Novar*: Biroli fl: acon: II. p. 236.). Minor fragilis, cupula explanata repanda aurantiaca extus fibrillis obscurioribus arachnoideis intricata, stipes brevissimus firmus.

❋❋ Convexulæ.

Sessiles convexæ.

❋ 19. *P. omphalodes* = Bull: t. 485. f. 1. = Fries l. c. p. 73. = Spr: l. c. 514. (In sylvaticis et vaporariis æstat: hyem: *Pedem*: humenti solo secus torrentem prope vineam *Bianzè* in collibus *Taurin*: Balb:

de crep: p. 15. et fl: taur: p. 207. Re fl: tor: II. p. 329.). Minima conferta, cupulæ planiusculæ sub-umbilicatæ plus minus intense aurantiæ vel rubræ tomento albo fugaci insidentes passim cum stipitelli rudimento.

δ *Encoelia* (Membranaceæ sub-erumpentes velo secedente. *Sporidia* simplicia).

Obs: Stirpes fere omnes exoticæ; nullam possideo ex *Pedem*:

Ser: II.

Lachnea (*Velum* discretum villosum vel pilosum persistens. *Substantia* ceracea firma. *Hymen*: distinctum concretum).

α *Sarcoscyphæ* (Cupula carnosa crusta nulla).

❀ Stipitatæ.

Lignatiles extus flocculoso-villosæ.

❀ 20. *P. coccinea* = Jacq: austr: t. 169. non Bull: = Fries l. c. p. 79. Spr: l. c. 502. = *P. epidendra* Bull: t. 467. aliique. *Elvella coccinea* Scop: aliique (Ad ramos putridos ad terram dejectos Febr: - Apr: *Pedem*: iisdem locis All: n. 2773. sub *Elvella*. Bald: misc: bot: p. 57. et fl: taur: p. 205. sub *Peziza epidendra*. Re fl: segus: p. 92. et fl: tor: II. p. 327. sub *P. coccinea?*). Minor vel media, cupula infundibu-

liformis extus albido - villosa intus læte coccinea nitida, stipes firmulus breviusculus sursum incrassatus.

❋❋ Sessiles.

Sub-terrestres extus lanatæ vel pilis fasciculatis tectæ.

❋ 21. *P. nigrella* = Pers: syn: p. 648. = Fries l. c. p. 81. Spr: l. c. 503. = Ic: ? (Ad terram in pinetis raro ad ligna mucida autumn: *Sabaud*: Huguen: in litt:). Gregaria sub-cæspitosa major hemisphærica atra extus byssino-tomentosa.

❋ 22. *P. hemisphærica* = Fries l. c. p. 82. ex Wigg: = Spr: l. c. = Hoffm: crypt: II. p. 28. t. 7. f. 6. *P. Labellum* et *lanuginosa* Bull: t. 204. et 396. f. 2. *Elvela albida* et *foliacea* Schæff: fung: t. 151. et 319. (Ad terram in sylvis rarius ad folia dejecta Jun: - Dec: *Pedem*: in arboribus emortuis All: n. 2772. sub *Elvela albida*. In locis umbrosis collium *Taurin*: vinea *di Bianzè* Balb: misc: bot: p. 59. et fl: taur: p. 207. pro *P. Labellum*. Ad vineam *d'Aigueblanche* ibid: p. 206. pro *P. lanuginosa*. Re fl: tor: II. p. 329. n. 22. 23. pro utraque. In valle *Sessitis* Biroli fl: acon: II. p. 236. pro *P. lanuginosa*). Minor hemisphærica integerrima cereo - carnosa extus fusca pilis fasciculatis densis tecta intus albo - glaucescens; in *P. lanuginosa* color exterior magis intensus interior niveus; ceterum non differt.

❋❋❋ Ciliares.

Sessiles minores margine præcipue ciliatæ.

❋ 23. *P. scutellata* = L. suec: 458. = Fries l. c. p. 85. Spr: l. c. 504. = Bull: t. 10. *Elvela ciliata* Schæff: aliique (Ad ligna putrida, rarius ad terram locis humidis Maj: - Nov: *Pedem:* iisdem locis ALL: n. 2774. sub *Elvela ciliata. Sabaud:* BONJEAN et HUGUEN: in litt:). Applanata miniato-rubra extus pallidior marginem versus nigro-setosa.

❋ 24. *P. crinita* = Bull: t. 416. f. 2. = Fries l. c. p. 86. = *P. scutellatæ* var: Spr: l. c. (In *Gallia* ad ligna putrida. *Pedem:* supra truncum semi-putridum Betulæ albæ prope *Eumeniam* unice observavit BIROLI fl: acon: II. p. 235.). Vix differt a priori forma *hemisphærica* nec applanata, et colore subtus *cinereo*, disco *rubro-purpureo*, pilis *longioribus*.

❋ 25. *P. stercorea* = Pers: obs: II. p. 89. = Fries l. c. p. 87. Spr: l. c. = *P. scutellata* Hedw: musc: II. p. 10. t. 3. f. A non L. *P. ciliata* Bull: t. 438. f. 2. (In fimo et ad terram pinguem stercoratam æstat: - vere. *Pedem:* iisdem locis BIROLI fl: acon: II. p. 236. sub *P. ciliata. Sabaud:* BONJEAN in litt:). Gregaria concava demum applanata fulva extus versus marginem setis badiis longioribus quam in præcedenti obsessa et ciliata.

β *Dasyscyphæ* (Cupula ceracea sicca villosa; crusta nulla).

⁕ Stipitatæ.

⁕ 26. *P. virginea* = Pers: syn: p. 653. non fl: dan: = Fries l. c. p. 90. Spr: l. c. 503. = Holmok: ot: II. p. 31. t. 14. *P. nivea* Sowerb: fung: t. 65. *P. parvula* fl: dan: t. 1016. f. 4. (Ad arbores, folia etc. toto anno. *Pedem:* prope *Venariam* supra Salices Re app: II. p. 222. *Sabaud:* Bonjean in litt:). Gregaria minima candida, cupula hemisphærica extus strigoso-pilosa, stipes tenuis æqualis raro obliteratus. Huc spectat sec: Spr: l. c. *P. Urticæ* Pers: myc: eur: I. p. 285. quæ innascitur etiam in *Pedem:* ad Urticæ dioicæ aridos caules (Re app: II. p. 223.); differt tamen cupula basi *prostrata* ex albo-*flavescente*, stipite *longiusculo*. Huc quoque refert Steud: *P. lacteam* Bull: t. 376. f. 3. quæ reperta fuit in emarcido trunco collium *Taurin:* Dec: initio (Balb: misc: bot: p. 57.), similibusque locis in valle *Pisii* a Cum: (spec: p. 32.), et in collibus *Novariens:* (Biroli fl: acon: II. p. 235.), omissa a Spr: Ad *P. virgineam* amandata a Fries ind: et a Duby bot: gall: p. 56.

⁕ 27. *P. nivea* = Pers: myc: eur: I. p. 295. = Fries l. c. p. 90. = *P. clandestina* Bull: t. 416. f. 5. non descr: *P. virginea* fl: dan: t. 1440. f. 2. non Pers: (In lignis putridis, foliis dejectis etc. autumn: *Pedem:* similibus locis Re app: II. p. 123. *Sabaud:* Huguen: in litt:). Differt tantum a priori cupula *tur-*

binata simpliciter villosa, stipite *minus distincto.*

❋ 28. *P. clandestina* = Bull: champ: p. 251. non ic: = Fries l. c. p. 94. = *P. cerina* var: Spr: l. c. 503. (Inter rejectamenta hortorum et ramos dejectos. *Sabaud*: Huguen: in litt:). Gregaria turbinata cervina extus furfuraceo-villosa disco pallido.

❋ 29. *P. patula* = Pers: syn: p. 652. = Fries l. c. p. 91. = Nees syst: f. 284. *P. virginea* var: Spr: l. c. 503. (Ad folia dejecta *Sabaud:* Huguen: in litt:). Pusilla hemisphærica villoso-alba disco plano lutescente.

❋ 30. *P. bicolor* = Bull: t. 510. f. 3. = Fries l. c. p. 92. = Spr: l. c. 504. (In ramis exsiccatis præsertim *Coryli* vere. *Pedem:* supra Alni glutinosæ ramos siccos prope *la Veneria* Re app: I. p. 49.). Gregaria minima globosa extus albo-tomentosa intus plus minus intense aurantiaca glabra, stipes brevissimus vel etiam nullus. Huc spectat *P. pulchella* Pers: myc: eur: p. 260. reperta in sylvis *della Mandria* supra ramos exsiccatos quercinos (Re fl: tor: II. p. 327.).

❋ 31. *P. cerinea* = Pers: syn: p. 651. = Fries l. c. p. 92. Spr: l. c. 503. = Nees syst: f. 283. (Ad ligna putrida autumn:-vere. *Sabaud*: Bonjean in litt:). Hemisphærica furfuraceo-villosa lutescenti-olivacea disco concavo luteo.

❋❋ Sessiles.

❋ 32. *P. albo-violascens* = Alb: et Schw: p. 322. t. 8. f. 4. = Fries l. c. p. 96. = Spr: l. c. 504. *P. fallax* Pers: myc: eur: p. 266. (In ramis exsiccatis. *Sabaud:* Bonjean in litt:). Sub-sessilis applanata

firma villoso - hirta sæpius clausa disco pallescente.

❀ 33. *P. corticalis* = Pers: myc: eur: p. 267. = Fries l. c. p. 96. Spr: l. c. 504. = Ic:? (Supra cortices duriores. *Sabaud:* Bonjean in litt:). Gregaria persistens sub-globosa firma flocculoso-tomentosa cinereo-rufescens.

❀ 34. *P. flammea* = Alb: et Schw: p. 319. t. 11. f. 7. = Fries l. c. p. 96. = Spr: l. c. 505. Sub *Elvella* Scop: carn: II. n. 1613. (Ad ligna sicca aut: - vere. *Pedem:* similibus locis All: n. 2771. sub *Elvella*). Primo clausa globosa sub-rugosa dein patens cupularis hemisphærica firma strigoso-villosa flammeo-rubiginosa unicolor.

❀ 35. *P. hispidula* = Schrad: journ: bot: 1799. II. p. 64. = Fries l. c. p. 98. Spr: l. c. 505. = Ic:? (Ad ramos dejectos vere. *Pedem*: similibus locis Re app: II. p. 223. *Sabaud*: Bonjean in litt:). Sub-carnosa concava albida extus setis nigris hispidula.

❀ 36. *P. rufo-olivacea* = Alb: et Schw: p. 320. t. XI. f. 4. = Fries l. c. p. 99. = Spr: l. c. 505. (In ramis emortuis humidis præsertim Rubi fruticosi. *Sabaud*: Huguen: in litt:). Sparsa applanata extus villoso-pulverulenta sordide rufo-ferruginea disco virescenti-olivaceo.

❀? 37. *P. Martini* = Pers: myc: eur: p. 251. = Fries l. c. p. 100. *P. sulphurea* var: Spr: l. c. 505. = Ic:? (Ad ligna prope *Taurin*: Fries l. c.). Fide Friesii huc refero hanc stirpem quam numquam vidi; ipse dicit gregariam depressam orbicularem cervinam disco applanato lutescente.

❀ 38. *P. Nidulus* = Schm: et Kunz: exs: n. 72.

= Fries l. c. p. 104. Spr: l. c. 506. = Ic: ? (In caulibus siccis præsertim Convallariæ multifloræ vere. *Sabaud*: Bonjean in litt:). Hemisphærico - applanata strigoso - hirsuta badia disco pallide flavescente.

❋ 39. *P. sulphurea* = Pers: myc: eur: p. 250. pro parte = Fries l. c. p. 104. Spr: l. c. excl: syn: = Grev: crypt: fl: t. 83. sec: Duby (Ad caules plantarum majorum præcipue Urticæ vere. *Pedem*: lecta *Albæ* a Bertero ad herbarum caules exsiccatos Re app: II. p. 223.). Sparsa sub-tenax sub-globosa strigoso-tomentosa sulphurea intus pallida.

❋ 40. *P. villosa* = Pers: syn: p. 655. = Fries l. c. 104. Spr: l. c. 505. = *P. sessilis* Sowerb: fung: t. 389. f. 1. (Ad stipites et caules herbarum passim. *Sabaud*: Bonjean in litt:). Sessilis minuta persistens globosa villosa alba ore sub-connivente.

❋ 41. *P. punctiformis* = Fries l. c. 105. = *P. villosa* var: Spr: l. c. = Ic: ? (Ad folia decidua putrescentia vere-autumn: *Sabaud*: Bonjean in litt:). Vix differt a priori statura valde minori punctiformi, varians colore niveo, griseo vel fusco.

❋ 42. *P. miliacea* = Berter: ined: in Re app: II. p. 223. (*Albæ* ad arborum truncos cæsos Re l. c.). Gregaria minutissima globosa crocea leviter pilosa margine obsoleto.

γ *Tapesia* (Cupula ceracea vel coriacea crustæ sub-tomentosæ insidens. Fungi lignatiles cupulis villosis sub-glabris).

❋ 43. *P. aurelia* = Pers: myc: eur: p. 270. = Fries l. c. 107. Spr: l. c. 506. = Ic: ? (In foliis de

ciduis. *Sabaud:* Bonjean in litt:). Sparsa sub-ventricosa aureo-rubiginosa subiculo tenui niveo.

❋ 44. *P. conspersa* = Pers: myc: eur: p. 271. = Fries l. c. 108. Spr: l. c. 507. = Ic:? (Ad cortices arborum prope *Neuchatel:* Pariter in *Sabaud:* sec: Huguen: in litt:). Crustacea sessilis conferta urceolata fusco-nigra pulvere albido obtecta subiculo concolori.

❋ 45. *P. sanguinea* = Pers: disp: p. 34. = Fries l. c. p. 110. Spr: l. c. 513. = Nees syst: f. 271. (Ad ligna exsiccata duriora perenn: *Sabaud:* Bonjean in litt:). Cupulæ pusillæ concavæ glabræ, nigrescentes basi tomento brevi sanguineo cinctæ.

δ *Fibrina* (Ceraceæ vel coriaceæ pilis raris adpressis fibrosæ vel striatæ. Fungi lignatiles vel epiphyti).

❋ 46. *P. Loniceræ* = Alb: et Schw: p. 328. t. 11. f. 8. = Fries l. c. p. 115. = Spr: l. c. 506. (Ad ramos siccos Loniceræ Periclymeni. *M. Cenisio* Bonjean: in litt:). Sessilis sparsa minuta ceracea sub-globosa ex albo nigrescens extus sub-pilosa ore connivente crenato.

Ser: III.

PHIALEA (*Velum* nullum. *Substantia* ceracea vel membranacea.
Hymen: concretum sporidiis simplicibus).

α *Hymenoscyphæ* (Cupula sub-membranacea distincte stipitata;
hymen: distinctum ascis amplis).

❀ Ciborioideæ.

Infundibuliformes dein dilatatæ sub-longe stipitatæ. Fungi epiphyti.

❀ 47. *P. echinophila* = Bull: t. 500. f. 1. = Fries l. c. p. 118. = *P. firma* var: Spr: l. c. 508. (Ad involucra putrescentia Castaneæ. *Pedem*: super echinos Æsculi Hippocastani post pluvias Aug: initio in sylvis vineæ *Bianzè* collium *Taurinens*: BALB: misc: alt: p. 39. et fl: taur: p. 204. RE fl: tor: II. p. 327.). Minor sub-gregaria, cupula plano-infundibuliformis cinnamomea, stipes elongatus dilutior.

❀ 48. *P. fructigena* = Bull: t. 228. = Fries l. c. p. 118. = *P. pyxidatæ* var: Spr: l. c. 509. (Ad fructus Amentacearum, raro ad ramos siccos toto anno. *Pedem*: similibus locis BALB: el: p. 11. *Sabaud:* BONJEAN in litt:). Minima sub-gregaria tenax glabra, cupula patellæformis extus albida intus lutescens, stipes longus tenuis flexuosus.

❋❋ Cyathoideæ.

Ex urceolato-concavæ brevi-stipitatæ.
Fungi minores caulicoli.

❋ 49. *P. coronata* = Bull: t. 416. f. 4. = Fries l. c. p. 120. = Spr: l. c. (Ad caules dejectos herbarum æst: - aut: *Pedem:* similibus locis Re app: II. p. 222.). Sub-gregaria minima glabra albido-fuscescens, cupula concava margine dentibus setaceis coronata, stipes sub-incurvus.

❋ 50. *P. cyathoidea* = Bull: t. 416. f. 3. = Fries l. c. p. 124. = Spr: l. c. (Ad stipites et caules plantarum, rarius ad folia toto anno. *Pedem:* similibus locis in alnetis *Morettensibus* Balb: de crep: p. 14. et el: p. 11. *Sabaud:* Bonjean in litt:). Præcedenti paullo major undique glabra integerrima, stipes erectus, ceterum ei simillima.

❋ 51. *P. strobilina* = Fries l. c. p. 125. = Spr: l. c. 508. = *P. amentacea* Balb: de crep: p. 14. t. 2. *P. julacea* Pers: (Ad strobilos abiegnos frequens fere toto anno. *Pedem:* in collibus *Taurinens:* sylvis vineæ *Bianzè* ad amenta putrefacta Betulæ Alni, interdum sub tellurem degit et tunc stipitata, modo eidem telluri instratis amentis insidet et tunc sessilis Balb: l. c. et fl: taur: p. 204. Re fl: tor: II. p. 328.). Parvula gregaria cerea pyriformis, cupula concava pallide rufescens margine tumido integerrimo, stipes, quando adest, elongatus sub-incurvus. Plantam Balbisii omisit Spr:, illamque cl: Fries ad *P. tuberosam*

Bull: amandandam potius esse existimat, sed præter tuberi defectum differt etiam cupulæ indole. Conf: supr: n. 11.

❋❋❋ Volutelleæ.

Tenues, cupula utrinque planiuscula semper aperta centro sub-umbilicata. Fungi sub-fugaces.

Obs: Ex *Pedem*: nullam stirpem possideo hujusce divisionis.

ß Calycinæ (Cupula carnoso-ceracea firma ob-conica sub-stipitata. Hymen: distinctum ascis tenuibus. Fungi lignatiles).

❋ Calyculæ.

Ob-conicæ distinctæ stipitatæ disco concavo marginato.

❋ 52. *P. æruginosa* = Pers: obs: I. p. 27. = Fries l. c. p. 130. Spr: l. c. 510. = Fl: dan: t. 1260. f. 1. (Ad ligna mucida frequens æst: - autumn: *Pedem*: similibus locis Balb: el: p. 6.). Minima gregaria glabra nuda, cupula turbinata dein expansa subflexuosa disco albicante, stipes brevis. Variat equidem, sed facile dignoscitur ærugine qua lignum cui adhæret late profundeque infectum relinquit.

❋ 53. *P. versiformis* = Pers: ic: et descr: p. 25. t. 7. f. 7. = Fries l. c. p. 130. = Spr: l. c. (In

truncis præsertim abiegnis Majo. *Pedem*: similibus locis Balb: el: p. 7.). Differt a priori cupula *difformi sub-contorta* intus *flavo-olivacea* extus *purpurescente*.

❋ 54. *P. citrina* = Batsch: cent: II. f. 218. = Fries l. c. p. 131. Spr: l. c. 509. = *P. aurea* Sowerb: t. 150. non Pers: *P. cyathoides* L. suec: 1273.? (Ad truncos putridos frequens autumn: *Pedem*: similibus locis Balb: el: p. 11. Præsertim prope *Taurinum* et *Casin* March: *Barolo* Re fl: tor: II. p. 327. *Sabaud*: Bonjean in litt:). Minima conferta, cupula plano-concava sub-hypocrateriformis lævis citrina, stipes crassus brevis ob-conicus pallidior.

❋ 55. *P. pallescens* = Pers: syn: p. 664. = Fries l. c. p. 132. *P. citrina* var: Spr: l. c. = Sowerb: fung: t. 151. (Ad truncos vetustos rara autumn: *Sabaud*: Huguen: in litt:). Differt a priori, a qua difficile distinguenda, statura *minori*, substantia *tenuiori*, disco semper *concavo*, margine *sub-tumido regulari*.

❋❋ Lenticulata.

Sub-sessiles stipite obliterato papillæformi, disco planiusculo demum leviter convexo.

❋ 56. *P. lenticularis* = Bull: t. 300. f. A C = Fries l. c. p. 133. = *Helotium nigripes* Spr: l. c. 489. ex Pers: (Ad truncos vetustos etiam in *Amer*: bor: autumn: *Pedem*: similibus locis in valle *Pisii* Cum: spec: p. 35. *Sabaud*: Bonjean in litt:). Minima gregaria glabra junior cava dein convexa flava quandoque cum rudimento stipitis (Bull: ic: cit: B D);

hæc videtur amandata ad *P. ferrugineam* var: β a cl: Fries l. c. p. 134.

❀ 57. *P. imberbis* = Bull: t. 467. f. 2. = Fries l. c. p. 136. = Spr: l. c. 511. (Ad ligna vetusta rara autumn: *Pedem*: ad aridos herbarum caules Re app: II. p. 223. Super arborum truncos putrescentes in sylvis *Ticini* et in collibus Biroli fl: acon: II. p. 235.). Habitus prioris, sed tota *alba* demum *plana*, constanter stipitata.

❀ 58. *P. herbarum* = Pers: syn: p. 664. = Fries l. c. p. 136. Spr: l. c. = Ic:? (Ad caules herbarum aridos autumn: - hyem: *Pedem*: similibus locis circa *Venariam* Re app: II. p. 222. *Sabaud*: Bonjean in litt:). Minima sub - gregaria carnoso - ceracea glabra alba, cupula plano-convexa adpressa integerrima, stipes brevissimus.

❀ 59. *P. epiphylla* = Pers: syn: p. 669. = Fries l. c. p. 137. *P. Herbarum* var: Spr: l. c. = Ic:? (Ad folia dejecta putrescentia arborum autumn: - vere. *Pedem*: similibus locis *Albæ* Re app: II. p. 222. *Sabaud*: Bonjean in litt:). Vix differt a priori colore *ochraceo-pallido*, basi papillari in stipitem plus minus longum producta.

γ *Mollisia* (Cupula ceracco-mollis aquosa sessilis vel turbinato - stipitata. Hymen: confluens, ascis tenellis vel nullis. Fungi epiphyti).

❊ Claviformes.

Obconico-stipitatæ plano-convexæ absque margine prominente disco passim rimoso.

Obs: Nullam speciem possideo ex hac divisione.

❊❊ Udæ.

Sessiles sub-tremellosæ crassiusculæ.

❊ 60. *P. chrysocoma* = Bull: t. 376. f. 2. = Fries l. c. p. 140. = Spr: l. c. *P. aurea* Pers: (Ad ligna præsertim pinea toto anno. *Pedem*: ad ligna putrida in collibus *Taurin*: Balb: misc: bot: p. 58. et fl: taur: p. 206. Iisdem locis et supra Pyri communis corticem prope *la Mandria* Re fl: tor: II. p. 326. et app: II. p. 222. sub *P. aurea*. In collibus *Novariens*: ad truncos emarcidos Biroli fl: acon: II. p. 235. sub *P. chrysocoma*). Omnium fere minima gregaria glabra luteo-fulva junior sphærica dein centro depressa.

❊ 61. *P. laricina* = Balb: misc: bot: p. 58. t. 11. f. 2. = Pers: myc: eur: I. p. 296. (In dejectis ramis Pini Laricis in pinetis *di Lanslebourg* Balb: l. c.). Priori proxima, a qua differt tantum superficie pene omnino *complanata* supra *lutea* subtus *nigra*, inter-

dum sed raro brevissime *stipitata*. Omissa a Fries et Spr:

❀ 62. *P. cinerea* = Batsch: cent: I. p. 196. f. 137. = Fries l. c. p. 142. Spr: l. c. = *P. callosa* Bull: t. 416. f. 1. (Ad ramos et folia ubique etiam in *Amer*: bor: autumn: - vere. *Pedem*: locis similibus prope *le Casin* March: *Barolo* Balb: misc: alt: p. 40. et fl: taur: p. 205. Re fl: tor: II. p. 328.). Minuta sub-gregaria mollis scutellata cinereo-virescens margine integerrimo calloso-pallidiore.

❀ 63. *P. axillaris* = Nees syst: p. 258. f. 267. = Fries l. c. p. 145. = Spr: l. c. (Ad muscos frondosos in axillis vere. *Pedem*: iisdem locis *Albæ* detecta a Bertero. Re app: II. p. 223.). Minuta firmula muscigena vasculiformis aurantia basi pallidiori margine obtuso.

❀❀❀ Ceracellæ.

Sessiles subtus liberæ et puncto centrali adfixæ tenues molles sub-membranaceæ.

Obs: Nullam speciem possideo ex hac divisione.

δ *Patellea* (Cupula ceraceo-sicca sessilis basi applanata vel innata marginata. Hymen: sat distinctum, ascis tenuibus, sporidiis parcis).

❀ 64. *P. compressa* = Pers: myc: eur: p. 307. = Fries l. c. p. 152. Spr: l. c. 512. sub *P. melanophea* = Ic:? (In lignis duris siccis passim perenn: *Sabaud*: Bonjean in litt:). Innata tenuis nigrescens disco atro, exsiccata compressa conchiformis.

Ser: IV.

HELOTIUM (*Velum* nullum. *Substantia* ceracea. *Hymen*: semper apertum nudum, sporidiis simplicibus).

Obs: Series ista genus proprium quorundam Auctorum constituit, quod neutiquam probatum fuit a FRIES ceu nimium *Pezizæ* affine.

❋ 65. *P. pithya* = Pers: ic: et descr: II. p. 43. t. 11. f. 2. = Fries l. c. p. 155. = Spr: l. c. 502. (In caudicibus ramisque languidis Pini piceæ nec alibi. *Sabaud*: BONJEAN in litt: sub *Helotio*). Gregaria majuscula, cupula planiuscula extus villoso-rubella disco aurantiaco, stipes brevis rubellus.

❋ 66. *P. aurea* = Fries l. c. 156. = Sub *Helotio* Spr: l. c. 489. ex Pers: (Ad ligna pinea putrida. *Sabaud*: HUGUEN: et BONJEAN in litt: sub *Helotio*). Differt a priori colore obscure flavo, cupula lenticulari glabra, stipite tenuiori basi tomentoso.

❋ 67. *P. acicularis* = Fries l. c. 156. = Sub *Helvella* Bull: t. 473. f. 1. Sub *Helotio* Spr: l. c. 488. ex Pers: = *Helvella agariciformis* Bolt: fung: t. 98. f. 1. *Helotium agariciforme* DC. (In truncis putrescentibus Quercus. *Sabaud*: HUGUEN: in litt: sub *Helotio agariciforme*). Gregaria candida glabra, cupula convexa, stipes elongatus æqualis.

Ser: V.

PATELLARIA (*Cupula* aperta marginata, disco sub-pulverulento absque velo. *Asci* connati absque paraphysibus).

Obs: Cl: FRIES genus distinctum sub *Patellaria* ob allatos characteres constituit, constans 6. stirpibus in duas sectiones divisis ratione substantiæ *sub-coriaceæ* vel *sub-gelatinosæ*. Fungi minimi fimicoli vel lignatiles. Habeo ex *Pedem:* solam speciem seq:, quam ad *Pezizam* refero, nam *Patellariæ* genus sub *Lichenibus* enumeravi.

❋ 68. *P. Patellaria* = Spr: l. c. 512. ex Pers: = Nees syst: p. 257. f. 265. *Patellaria atrata* Fries l. c. p. 160. = *Lichen atratus* Hedw: musc: fr: II. p. 61. t. 21. f. A (Ad ligna et cortices arborum perenn: *Pedem*: similibus locis BALB: el: p. 6. Speciatim in ligno putrido Salicum prope *Venariam* RE fl: tor: II. p. 16. ambo sub *Peziza Patellaria*). Sub-gregaria subcoriacea sessilis, cupula patellæformis applanata nigra margine tumido, disco sub-pruinato. Habitus *Lecideæ*.

Pezizæ quoad sedem dubiæ.

❋ 69. *P. hians* = Gmel: syst: p. 1453. = Schæff: fung: II. t. 152. = Michel: t. 86. f. 6. *P. fulva* Pers: sec: Fries l. c. p. 154. n. 1. (In collibus *Taurin:* et prope *il Casin Barolo* BALB: misc: alt: p. 40. et fl: taur: p. 208. RE fl: tor: II. p. 329. Ad terram in

sylvis vallis *Pisii* Cum: spec: p. 35.). Minuta extus alba fusco-nigro-punctata intus fulva ad limbum sæpe dissecta, stipes brevis lævis conicus in cyatum infundibuliforme foveatum diffusus. Omissa a Spr:

❋ 70. *P. carnosa* = Bull: t. 396. f. 1. non fl: dan: = Fries l. c. p. 154. n. 2. (Ad ligna putrida vere, autum: *Pedem*: in valle *Sessitis* Biroli fl: acon: II. p. 236.). Parva sub-gregaria sessilis valde crassa cupulæformis carne rosea tomento cinereo undique obsita. Omissa a Spr:

❋ 71. *P. ochracea* = Cum: spec: p. 32. t. 3. non alior: ? (In valle *Pisii* supra putridos Fagi truncos autum: Cum: l. c.). Stipitata minima cerea glabra complanata lutea subtus et stipes albus. Facies in prima ætate *P. lenticularis* sed longe stipitata, ætate provecta duplo aut triplo major.

❋ 72. *P. Cumini* = Nob: = *P. pyriformis* Cum: spec: p. 34. t. 3. non Fries nec alior: (In valle *Pisii* supra ramos dejectos et semiputres in terra jacentes Cum: l. c.). Minima sessilis pyriformis ore constricto extus ex albo-carnea intus miniacea. Nomen immutavi ne confundatur cum *P. pyriformi* Fries l. c. p. 121. toto cælo ex descr: diversa et ex alis Muscorum tantum erumpente.

❋ 73. *P. farinacea* = Spr: l. c. 505. ex Pers: (*Sabaud*: Huguen: in litt:). Plantam non vidi; an vera *farinacea* vel var: *P. cupularis* L. ad quam Spr: eandem refert quoque inter synonyma? Tunc *P. pinicola* β Fries l. c. p. 113.

❋ 74. *P. seminulum* = Gmel: syst: p. 1458. (Valle *Pisii* supra cortices prunorum languentium modo so-

litaria modo gregaria Cum: spec: p. 34.). Sessilis convexo-plana marginata lævigata callosa tota nigra; interdum stipite brevi turgido instructa occurrit. Quid in Fries et Spr:?

❀ 75. *P. muscoidea* = Re fl: tor: II. p. 328. ex Balb: (Inter muscos in horto magno *Valentini* Majo Re l. c.). Exigua molliuscula fragilis sessilis glabra dilute aurantiaca cupula dein complanata. Accedit ad *P. granulatam*, sed *glabra* nec granulosa ac per ætatem *complanata*. Quid in Fries et Spr:?

❀? 76. *P. sicca* = Balb: el: p. 11. sine loci indicatione. Quid?

P. Collæ Re app: III. p. 20. est *Tubulariæ* spec: Vide infra hoc genus n. XXV.

XIX. Ascobolus Pers: disp: meth: p. 35. = Fries syst: myc: II. p. 161. = Spr: syst: n. 3490. = *Pezizæ* spec: quorund:

» *Receptac*: orbiculatum sub-marginatum disco pa-
» tellæformi. *Hymen*: discoideum persistens. *Asci*
» ampli clavati maturescentes emersi discreti demum
» elastice dissilientes, paraphysibus evanescentibus.
» *Sporidia* latice innatantia universalia. »

Obs: Genus constans ex Fries 11. stirpibus minutis gregariis mollibus arrhizis fimicolis.

❀ 1. *A. furfuraceus* = Pers: obs: I. p. 33. t. 4. f. 5. 6. = Fries l. c. p. 163. Spr: syst: IV. 517. = *Peziza stercoraria* Bull: t. 376. (In fimo vaccino toto anno. *Sabaud*: Huguen: et Bonjean in litt:). Sessilis sub-concavus fuscus vel virescens externe furfuraceus.

❋ 2. *A. glaber* = Pers: obs: myc: I. p. 54. t. 5. 6. f. 7. a b c = Fries l. c. p. 164. = Spr: l. c. (Cum priori autum: *Sabaud:* Huguen: in litt:). Sessilis sub-convexus glaber nitens spadiceus.

❋ 3. *A. immersus* = Pers: obs: I. p. 35. t. 4. f. 7. D E = Fries l. c. = Spr: l. c. (Cum præcedentibus rarior. *Sabaud:* Huguen in litt:). Priori paullo major totus immersus irregularis sub-conicus externe sub-furfuraceus.

XX. Bulgaria Fries syst: mycol: II. p. 166. = *Lycoperdi* spec: L. = *Tremellœ*, *Burcardiæ*, *Pezizæ*, et *Octospori* spec: nonnullæ quorund:

» *Receptac:* (*cupula*) primo clausa. *Asci* ampli
» immersi demum cum sporidiis elastice erumpentes,
» paraphysibus persistentibus immixtis. *Vulva* tenuis-
» sima fugax. »

Obs: Genus, monente Fries, medium inter *Pezizas* et *Exidias*, a primis receptaculo, ab aliis ascis satis distinctum, constans 5-6. stirpibus terrestribus vel lignatilibus, substantia tremelloso-gelatinosa.

❋ 1. *B. inquinans* = Fries l. c. p. 167. = Sub *Peziza* Pers: syn: p. 631. Spr: l. c. 500. = *P. nigra* Bull: t. 460. f. 1. (Ad truncos emortuos præsertim Quercus, et Fagi frequens Aut:-Hyeme. *Pedem:* iisdem locis in sylvis collium *Taurin:* prope *Eremum* Balb: misc: alt: p. 50. et fl: taur: p. 205. Iisdem locis et super trabes in prov: *Novar:* Biroli fl: acon: II. p. 234. ambo sub *Peziza nigra*. Re fl: tor: II. p. 325. sub *P. inquinante*. *Sabaud:* Huguen: et Bonjean in litt:). Media gregaria sessilis junior obovata clausa

firma rugulosa furfuracea umbrina dein dilatata planoconvexa eximia elastica intus nigricans.

❀ 2. *B. sarcoides* = Fr: l. c. p. 168. = Sub *Peziza* Pers: syn: p. 633. Spr: l. c. 507. = Sub *Helvella* Bolt: fung: t. 101. f. 2. *Peziza tremelloidea* Bull: t. 410. f. 1. (Ad truncos dejectos Aut: Hyem: *Pedem*: in emortuo trunco Ulmi campestris in sylva *di Villastellone* Bale: de crep: p. 15. sub *Peziza tremelloidea*. In agro *Taurin*: supra emarcidos truncos mense Octobris Re fl: tor: II. p. 325. sub *P. sarcoidea*. In prov: *Novar:* super trabes et palos præsertim in montanis Biroli fl: acon: II. p. 234. sub *P. tremelloidea*). Forma et magnitudine valde varia, sed substantia gelatinosa firmiuscula et colore ex incarnato-rubro facile dignoscitur; generatim autem cæspitosa primum sessilis demum in stipitem crassiusculum desinens; cupula sub-infundibuliformis extus sub-venosa margine nunc integro nunc repando-dentato.

B *Dermeæ*.

(*Hymen*: varium; *asci* tenues fixi sporidia *secedentia* includentes; *receptac:* suberosum vel coriaceum substantia plerumque duplici; *velum* sub-distinctum.)

XXI. Ditiola Fries syst: myc: II. p. 169. = *Pezizæ*, *Tuberculariæ*, *Tremellæ*, *Leotiæ*, *Helotii* spec: nonnullæ quorund:

» *Receptac*: (*cupula*) orbiculatum marginatum num-
» quam clausum sed velo universali floccoso fugaci

» tectum. *Hymen:* discoideum primo læve velatum
» cum receptaculo concretum demum nudum tumens
» gelatinosum deliquescens. *Asci* deliquescentes, spo-
» ridiis minutis ovatis. »

Obs: Genus optime distinctum, constans ex Fries 4-5. stirpibus. Fungi gregarii firmi stipitati primo tuberculiformes mox plano-concavi, substantia ceraceo-suberosa.

❀ 1. *D. radicata* = Fries l. c. p. 170. = Sub *Helotio* Alb: et Schw: p. 348. t. 8. f. 6. = Spr: syst: IV. 489. *Helvella lentiformis* Scop: carn: II. n. 1621. *Leotia tuberculata* fl: dan: t. 1378. f. 2. (E lignis decorticatis fabrefactis vel sylvestribus Pini sylvestris erumpens. *Pedem*: similibus locis All: n. 2775. sub *Helvella lentiformi*). Parva, cupula disco planiusculo aureo, stipes crassus villosus albus radicans.

XXII. Tympanis Tod: Meckl: I. p. 23. = Fries syst: myc: II. p. 173. = *Pezizæ* spec: Spr:

» *Receptac*: marginatum cyathiforme, epidermide
» cornea. *Hymen*: læve vel rugulosum velo partiali
» tectum demum cum ascis tenuibus fatiscens. *Spo-*
» *ridia* varia secedentia. »

Obs: Fungi minores gregarii primo innati demum epidermide lacerata erumpentes nigricantes. Spec: 8. maxime inter se affines.

❀ 1. *T. Frangulæ* = Fries l. c. p. 174. = *Sphæria versiformis* var: Alb: et Schw: p. 52. = Ic:? (Ad ramos Rhamni Frangulæ exsiccatos vere. *Sabaud*: Huguen: in litt:). Sessilis turbinato-truncata orbicu-

laris opaca disco umbrino marginem sub-obliterante:

❋ 2. *T. conspersa* = Fries l. c. p. 175. = *Peziza sphæriæformis* Spr: syst: IV. 515. = *P. sphærioides* Roth: in Ust: ann: bot: I. p. 11. t. 1. f. 6. (Vulgatissima ad ramulos variarum arborum. *Sabaud*: Huguen: in litt:). Cæspitosa primo clausa sphæriæformis nuda atra mox aperta e velo fatiscente albo-pulverulenta; magnitudine mire varians.

❋ 3. *T. saligna* = Tod: l. c. p. 24. t. 4. f. 37. = Fries l. c. p. 176. = *Peziza Todeana* Spr: l. c. (Ad ramos siccos Salicum rara vere. *Sabaud*: Huguen: in litt:). Sub-cæspitosa sessilis sub-elongata nitidula atra disco concavo marginato.

XXIII. Cenangium Fries syst: myc: II. p. 177. = *Pezizæ*, *Sphæriæ* et *Histerii* spec: Auctor:

» *Receptac*: (*cupula*) arcte clausum demum plus
» minus apertum marginatum, epidermide crassa dis-
» colori. *Hymen*: læve persistens. *Asci* plus minus
» evoluti paraphysibus immixti sæpe connati spori-
» diis secedentibus. »

Obs: Genus, monente Fries, inter *Cupulatos* et *Pyrenomycetes* intermedium, modo *Pezizæ* modo *Sphæriæ* accedens, perinde extricatu difficillimum, constans 30. stirpibus in 4. sectiones e diverso dehiscendi modo divisis. Fungi minores sub-difformes gregarii vel cæspitosi centro adfixi sæpe stipitati innato-erumpentes substantia duplici exteriore coriacea vel membranacea interiori sub-grumosa.

α *Scleroderris* (Erumpentes sub-stipitati primo sphæriæformes dein ore orbiculari integro aperti).

❋ 1. *C. Ribis* = Fries l. c. 179. = *Peziza Ribesia* Spr: syst: IV. 514. ex Pers: = Ic: ? (Ubique in ramis exsiccatis Ribis. *Sabaud*: Huguen: et Bonjean in litt:). Cæspitosum sub-nudum fusco-nigrescens, cupula sub-turbinata margine fimbriato connivens disco pallida, stipites in tuberculum connati.

❋ 2. *C. Cerasi* = Fries l. c. = *Sphæria dubia* et *Peziza Cerasi* Pers: ic: pict: p. 43. t. 20. f. 1. et syn: p. 673. = Spr: l. c. 515. (Ad ramos exsiccatos Cerasi peren: *Sabaud*: Huguen: in litt:). Subcæspitosum difforme tuberculatum rugosum argillaceo-rufescens dein cupulas superne planas nigrescentes explicans.

❋ 3. *C. Prunastri* = Fries l. c. p. 180. = Sub *Peziza* Spr: l. c. 514. ex Pers: *Sphæria rigida* DC. fl: fr: suppl: p. 132. var: = Ic:? (Ad ramos siccos Pruni domesticæ typus vel e cortice Pruni spinosæ var: *Pedem:* var: β Balb: el: p. 7. sub *Sphæria rigida*. *Sabaud*: Huguen: et Bonjean in litt:). Sub-cæspitosum sub-corneum nudum nigricans cupulis subulæformibus demum apertis concavis sub-stipitatis; in var: *rigida* subulæ rarissime explicantur.

β *Triblidium* (Pezizoidei demum rimis a centro hiantibus aperti).

❀ 4. *C. caliciforme* = Fries l. c. 183. = Sub *Triblidio* Pers: myc: eur: p. 333. t. 2. f. 3. = Sub *Phacidio* Spr: l. c. 410. (Ad truncos quercinos peren: *Sabaud:* Huguen: et Bonjean in litt:). Solitarium subsessile globoso-depressum rugoso-verrucosum opacum atrum laciniato-dehiscens disco pallido.

❀ 5. *C. Pinastri* = Fries l. c. p. 184. = Sub *Peziza* Pers: syn: p. 672. *Phacidium abietinum* Spr: l. c. 410.? = Ic:? (In cortice Pini et Abietis mortuarum frequens ubique. *M. Cenisio* Bonjean in litt:). Erumpens sub-stipitatum difforme rugosum atro-nitens demum in lacinias obtusas intus albas dehiscens. Valde polymorphum.

γ *Clithris* (Hysteriiformes rima longitudinali dehiscentes).

❀ 6. *C. ferruginosum* = Fries l. c. p. 187. = Grev: crypt: fl: t. 197. = *Peziza cervina* Spr: l. c. 515. (Ad ramos exsiccatos Pini sylvestris. *M. Cenisio* Bonjean in litt:). Gregarium coriaceo-membranaceum sub-sessile rugosum cervino-nigricans ore compresso inflexo disco lutescente. Habeo ex *Sabaud:* ab Huguen: sub *Clithride Abietis.*

❀ 7. *C. quercinum* = Fries l. c. p. 189. = Sub *Hysterio* Spr: l. c. 412. ex Pers: = *Variolaria corrugata* Bull: t. 432. f. 4. (Ad ramos demortuos vel

semivivos Quercus ubique. *Pedem:* similibus locis Balb: el: p. 5. Re fl: tor: II. p. 265. sub *Hysterio. Sabaud:* Bonjean in litt:). Simplex gregarium elongatum flexuosum clausum nigricans demum disco lato pallido apertum.

❋ 8. *C. difforme* = Duby bot: gall: p. 736. ex Fries in Mong: et Nescl: voy: n. 889. = Ic:? (Ad ramos Salicis capreæ. *Sabaud:* Huguen: in litt: sub *Clithride*). Gregarium membranaceum breviter stipitatum rugosum fusco-brunneum humidum nigricans ore compresso inflexo humido hiante disco fusco. *C. fuliginosum* var: Fries in ind:

δ *Excipula* (Innato-sessiles sub-cornei vasculiformes disco minuto molli sub-deliquescentes).

Obs: Excipulæ species perpusillæ simplices atræ ad ramos et folia exsiccata vigentes characteribus difficillime circumscribuntur, monente Fries. Hinc nil certi statuere possum circa pedemontanas, si fortassis nonnullæ inveniantur; de iis nulla mentio penes Botanicos nostros. *C. turgidum* enumerat Huguen: in litt:

XXIV. Stictis Pers: obs: II. p. 73. = Fries syst: myc: II. p. 191. = *Pezizæ* et *Hysterii* spec: nonnullæ quorund:

» *Receptac*: obliteratum proprie nullum, sed *hymen*:
» læve determinatum orbiculatum vel ellipticum ma-
» trici totum immersum ab eadem marginatum pri-
» moque velatum. Asci tenues hymenio adfixi spori-
» diis minutis secedentibus. »

Obs: Genus constans 20. circiter stirpibus obscuris ab hymenii structura in 4. sectiones divisis. Fungi simplicissimi minuti gregarii.

❋ 1. *St*: *radiata* = Pers: l. c. = Fries l. c. p. 194. Sub *Peziza* Spr: l. c. 516. = *P. marginata* Sowerb: fung: t. 16. *Lycoperdon radiatum* L. (Ad ramos exsiccatos. *Pedem*: iisdem locis Re app: II. p. 222. *Sabaud*: Huguen: et Bonjean in litt: sub *Peziza*). Valde varia urceolata ore primum clauso punctiformi hymenio plano in fundo locato aurantio tum discus albus.

❋ 2. *St: pelvicula* = Pers: myc: eur: p. 337. = Fries l. c. p. 196. = Ic:? (In ramis siccis Salicis rara. *Sabaud*: Huguen: in litt:). Orbicularis majuscula profunde excavata lævis rufescenti-pallida.

❋ 3. *St*: *pallida* = Pers: obs: II. p. 74. t. 6. f. 7. = Fries l. c. (In lignis arborum vetustarum ubique. *Sabaud*: Huguen: in litt:). Gregaria immersa punctiformis pallida ore connivente sub-elliptico dehiscente.

❋ 4. *St*: *paralella* = Fries l. c. p. 197. = Sub *Lichene* Ach: prodr: lich: p. 23. = *Hysterium abietinum* Pers: syn: p. 101. (In lignis decorticatis. *Sabaud*: Huguen: in litt:). Erumpens striæformis clausa dein aperta disco rufescente in siccis nigro.

C *Heteroclitæ* (*Hymen:* confluens; *asci* nulli; *sporidia* pulveracea secedentia).

XXV. Tubularia Nob: = *Solenia* Pers: disp: p. 36. 73. non Ag: nec Spr: = Fries syst: myc: II. p. 200. = *Pezizæ* spec: nonnullæ quorund:

» *Receptac:* elongatum tubuliforme simplex mem-
» branaceum erectum ore constricto integro. *Hymen:*
» et *asci* sub-nulli. *Sporidia* vix discernibilia. »

Obs: Genus characteribus allatis a *Peziza*, cum qua sæpe confusum, satis distinctum, constans 4. stirpibus. Fungilli molles superficiales. Nomen Pers: immutavi ut distinguatur a *Solenia* Ag: ad *Algas* spectante et a nobis recepta; sed in novo nomine eandem significationem servavi (*Solenia* a σωλην *tubulus*; *Tubularia* similiter a *tubulo*, nam receptaculum in hoc genere tubuliforme).

❀ 1. *T. fasciculata* = Nob: = Sub *Solenia* Fries l. c. 201. ex Pers: myc: eur: p. 335. t. 12. f. 8. 9. = *Peziza Solenia* Spr: l. c. 516. ex DC. (Ad ligna dejecta putrescentia præsertim pinea. *Sabaud:* Huguen: et Bonjean in litt: sub *Solenia*). Gregaria sub-fasciculata clavato-cylindrica glabriuscula alba.

❀ 2. *T. Collæ* = Nob: = Sub *Peziza* Re suppl: III. p. 20. = Ic:? (Reperta a Bertero nov: 1823. in *Albæ* collibus ad ligna putrescentia). Minuta gregaria, receptacula sessilia tubulosa accumbentia ore hiante acuto intus albida extus flavescentia sub-tomentosa. Affinis priori, sed differt præsertim colore

extus *flavescente* non candido, superficie *villosa* non glabra.

XXVI. Cyphella Fries syst: mycol: II. p. 201. = *Pezizæ* spec: Auctor:

» *Receptac*: sub-membranaceum concavum obli-
» quum cernuum inde subtus fructificans absque hy-
» menio discreto. *Sporidia* globosa majuscula pulveris
» instar secedentia. »

Obs: Genus constans ex Fries 4. stirpibus ad *Pileatos* speciatim *Cantherellos* accedentibus.

❋ 1. *C. lacera* = Fries l. c. p. 202. = Sub *Peziza* Spr: l. c. 516. ex Pers: = *P. membranacea* Alb: et Schw: p. 316. t. 1. f. 5. (Ad stipites et virgulta semiputrida. *Sabaud*: Bonjean in litt: sub *Peziza*.). Minor membranacea, cupula erectiuscula campanulata intus rugoso-venosa demum multifido-lacera. Variat colore albido, albo-glaucescente, cinereo-nigricante etc.

Trib: II.

Prototypi (Asci imperfecti nulli).

Obs: Ex substantia receptaculi dividuntur *Prototypi* in 2. sectiones, sc: *Tremellini* et *Sclerotiacei*.

Sect: I. *Tremellini*.

Tremellineæ ordo proprius Fries,
Ad: Brogn:, Duby.

» *Receptac*: varium vesiculoso-gelatinosum. *Hymen:*
» glabrum politum raro læve cum receptaculo con-
» fluens. *Sporidia* minuta globosa simplicia in ambitu
» sub hymenio nidulantia. Genera ex Fries 6. »

XXVII. Tremella Fries syst: mycol: II. p. 210. = *Tremellæ* spec: Auctor:

» *Receptac:* gelatinosum homogeneum sub-pellucidum multiforme lobatum vel plicatum glabrum.
» *Hymen*: absque papillis. *Sporidia* in ambitu utrin-
» que dispersa. »

Obs: Genus constans ex Fries 18. stirpibus in 3. sub-genera divisum, quorum primum in 3. sub-divisiones partitum e substantia et fructificatione.

A Tremella.

α *Hygromitroideæ* (Stipitatæ in capitulum expansæ. Fungi pro genere magni gelatinoso-tremuli. Stirps unica).

❋ 1. *Tr: Helvelloides* = DC. fl: fr: II. p. 93. = Fries l. c. p. 211. Spr: syst: IV. 535. = Ic: ? (Ad terram humidam fagetorum montis *Jura*. *Sabaud*: Huguen: in litt:). Erecta roseo-aurantiaca, stipes sulcatus frondescens margine sinuosus.

β *Mesenteriformes* (Cæspitosæ foliaceo-expansæ flaccidæ nudæ. Fungi pro genere magni cartilagineo-gelatinosi truncicoli).

❋ 2. *Tr: fimbriata* = Fries l. c. p. 212. = Spr: l. c. 535. ex Pers: = *Tr: verticalis* et *mesenteriformis* Bull: t. 272. et 499. f. 6. X. *Tr: undulata* Hoffm: veg: crypt: I. t. 7. f. 1. var: (Ad truncos et ramos præcipue alneos locis humidis passim autum: *Pedem*: ad emortuarum arborum truncos in horto *Valentini* Balb: de crep: p. 17. et fl: taur: p. 204. Iisdem locis prope *Eumeniam* Biroli fl: acon: II. p. 238. et in valle *Pisii* Cum: spec: p. 37. omnes sub *Tr: mesenteriformi* excl: syn: Bull: t. 406. *Sabaud*: Huguen: et Bonjean in litt:). Cæspitosa erecta corrugata nigrescens lobis plurimis basi connatis flaccidis margine incisis undulato-fimbriatis. Synonymia hujusce stirpis valde dubia.

❀ 3. *Tr*: *foliacea* = Pers: syn: p. 626. = Fries l. c. Spr: l. c. 534. = Bull: t. 406. f. A a (Ad truncos vetustos præsertim abienos. *Sabaud*: Huguen: et Bonjean in litt:). Cæspitosa lævis diaphana undulata cinnamomeo-carnea basi plicata.

❀ 4. *Tr*: *frondosa* = Bull: t. 499. f. T = Fries l. c. (Ad truncos vetustos quercinos. *Sabaud*: Huguen: in litt:). Valde priori affinis, a qua differt statura triplo majori magis gyrosa, colore luteo-pallescenti, crescendi loco.

❀ 5. *Tr*: *lutescens* = Pers: ic: et descr: p. 622. t. 8. f. 9. = Fries l. c. p. 213. Spr: l. c. 534. = *Tr*: *mesenteriformis* Bull: t. 406. f. C pro var: *albida* et 406. f. B D, et 499. f. V V pro var: *lutescente* (Ad ramos dejectos arborum frondosarum autumn: vere. *Pedem*: cum priori. *Sabaud*: Huguen: in litt:). Retentis synn: Bull: a cl: Balb: et Cum: ad præcedentem citatis, adparet ibi comprehensam fuisse etiam *Tr*: *lutescentem*, quæ tamen differt statura *minori*, substantia *molliori*, lobis *integris*, colore *albido* vel *flavescente*.

γ *Cerebrinæ* (Pulposo-gelatinosæ turgidæ primo sub-compactæ e sporidiis emersis demum pruinosæ).

❀ 6. *Tr*: *mesenterica* = Retz: in vet: ac: handl: 1769. p. 249. = Fries l. c. p. 214. Spr: l. c. 534. = Jacq: misc: I. p. 142. t. 13. *Tr*: *chrysocoma* Bull: t. 174. (Ad ramos arborum frondosarum hyem: vere. *Pedem*: iisdem locis in sylvis *della Veneria* Re fl:

tor: II. p. 322. *Sabaud*: Huguen: et Bonjean in litt:). Forma et magnitudine varia expansa adscendens subtenax gyrosa plus minus intense aurantiaca.

❋ 7. *Tr*: *albida* = Huds: angl: II. 565. = Fries l. c. p. 215. Spr: l. c. 534. = *Tr*: *cerebrina* Bull: t. 386. (Ad ramos varios sed præcipue fraxineos hyem: vere. *Pedem*: similibus locis Balb: misc: bot: p. 56. et fl: taur: p. 203. pro var: *alba* et *nigra*. Re fl: tor: II. p. 323. ambo sub *Tr*: *cerebrina*. *Sabaud*: Huguen: in litt:). Priori valde affinis sed *minor*, substantia magis *callosa*, colore *albido* vel *hyalino* vel *nigro*.

❋ 8. *Tr*: *persistens* = Bull: t. 304. = Spr: l. c. 535. (In *Gallia* toto anno ad truncos Iuniperi Sabinæ. *Pedem*: inter *Venariam* et *Sturam* eundo versus *Caselle* supra ramos et truncos Juniperi communis Re app: II. p. 222.). Minor sub-coriaceo-cartilaginea glabra dimidiata undulata vinoso-violacea. An hujus sectionis? an aliud genus? an potius ad subgenus *Phyllopta* ex Fries l. c. p. 219.?

B Coryne.

(Erectæ sub-clavatæ compresso-lobatæ vel cylindricæ. *Sporidia* apicem versus subinde capituliformem in ambitu conferta). *Acrospermi*, *Helotii* et *Corinæ* spec: nonnullæ quorund:

❋ 9. *Tr*: *pinnatifida* = Spr: l. c. 536. = Fries l. c. 217. ex Spr: = Ic:? (*Porto-Rico*. *Sabaud*: Bon-

JEAN in litt:). Cæspitosa clavata stipitata ramosa compressa pallida sub-diaphana basi granulosa.

✻ 10. *Tr: sarcoides* = With: arr: IV. p. 78. = Fries l. c. p. 217. Spr: l. c. 536. = *Tr: amethystea* Bull: t. 499. f. 5. aliique. *Acrospermum dubium* Pers: (Ad truncos et ramos dejectos autumn:-hyem: *Pedem:* iisdem locis in collibus *Taurin:* BALB: misc: bot: p. 56. et fl: taur: p. 204. RE fl: tor: II. p. 322. Supra trabem emarcidam ad aquæductum *della Biraga* unice BIROLI fl: acon: II. p. 238. Valle *Pisii* similibus locis supra montem *B. Antonii* CUM: spec: p. 38. omnes sub *Tr: amethystea. Sabaud:* HUGUEN: et BONJEAN in litt:). Cæspitosa mollis viscosa amethystea primo subsimplex lævis clavæformis demum aggregata compressa obtuse lobata vel plicata. Variat multimode, unde synonymia confusa.

C Phyllopta.

(Foliaceo-expansæ cartilagineæ undulatæ. *Sporidia* nondum reperta).

Obs: Fungiculi *Sclerotiis* affines in Fungis vivis parasitici; species 2. altera europæa in stipite *Agarici*, altera caroliniensis in *Clavaria gigantea;* ambæ mihi ignotæ.

Tremellæ dubiæ quoad speciem vel locum.

✻ 11. *Tr: mucoroides* = Bull: p. 228. t. 499. f. 4. = *Bactridium flavum* Fries syst: myc: III. p. 433. =

Trichothecium flavum Spr: l. c. 552. (Super ligna semiputrida Bull: l. c. *Pedem*: similibus locis Balb: misc: bot: p. 56. et fl: taur: p. 204. Re fl: tor: II. p. 324.). Minima sub-gregaria carnosa lutea sub-globoso-bullata globulis demum elongatis aculeiformibus.

❀ 12. *Tr: pezizoides* = Cum: spec: p. 39. (In valle *Pisii* rarissima supra vetustos Fagi stipites Cum: l. c.). Cæspitosa violaceo - rubra gelatinosa conico - cylindrica apice truncato plano. Accedit sec: Cum: ad *Pezizam porphyream* Gmel: eadem ac *Balgaria sarcoides* Fries.

❀ 13. *Tr: Balbisii* = Bertola repert: med: tor: n. 6. = Re fl: tor: II. p. 324. (Febr: - Mart: supra fragmenta Boleti edulis aceto condita autumno præcedenti Bertola l. c.). « Maxima crassa sub-cartilagi-
» nea fragilis bilamellata margine repando revoluto
» supra candida glabra subtus fusco-violacea, anfra-
» ctibus valde flexuosis sinuosis cerebriformibus, ætate
» papillis acuminatis aspera. » Bertola l. c.

XXVIII. Exidia Fries syst: mycol: II. p. 220. = *Tremellæ*, *Pezizæ*, et *Auriculariæ* spec: nonnullæ quorund:

» *Receptac*: gelatinosum homogeneum subtus vil-
» losum vel rugosum supra tantum hymenio papil-
» loso tectum. *Sporidia* primum in tubulis plus mi-
» nus obsoletis inclusa demum elastice exeuntia. »

Obs: Genus rite a *Tremella*, cui habitu simile, distinctum præsertim ob præsentiam hymenii in sola superficie superiori, et ascorum rudimenti, constans 12. stirpibus e totius substantiæ structura nec non

ex magis vel minus apparenti tubulorum præsentia in duas tribus divisis. Fungi simplices raro cæspitosi majores vel medii lignatiles.

α *Auriculæ* (Pezizoideæ plicatæ subtus villosæ vel punctato-scabræ, tubulis sporidiiferis distinctis).

❋ 1. *E. Auricula Judæ* = Fries l. c. p. 221. = *Tremella Auricula* Spr: l. c. 535. = Bull: t. 427. f. 2. *Tremella* et *Peziza auricula* L. *Elvela sambucina* Scop: aliique (Ad truncos præsertim Sambuci autumn:-hyem: *Pedem:* similibus locis All: n. 2769. sub *Elvela sambucina*. Balb: misc: bot: p. 57. et fl: taur: p. 205. Re fl: segus: p. 92. Biroli fl: acon: II. p. 235. omnes sub *Peziza*. Re fl: tor: II. p. 322. sub *Tremella*. *Sabaud*: Huguen: et Bonjean in litt:). Subcæspitosa statura varia etiam major, expansa sessilis flexuosa utrinque renoso - plicata superne ex hyalino nigrescens subtus villosa cinerea.

❋ 2. *E. recisa* = Fries l. c. p. 223. = Sub *Tremella* Dittm: apud Sturm: t. 13. = Spr: l. c. *Peziza gelatinosa* Bull: t. 460. (Ad ramos putrescentes præsertim Salicum hyeme. *Sabaud*: Bonjean in litt:). Mollissima truncato - plana sub - repanda fusca demum nigra subtus punctato - scabra stipite brevissimo excentrico obliquo.

ß *Glandulosæ* (Sub-applanatæ undulatæ subtus rugosæ, tubulis sporidiiferis obsoletis).

❋ 3. *E. glandulosa* = Fries l. c. p. 224. = Sub *Tremella* Spr: l. c. 535. ex Bull: t. 420. f. 1. = *Tr: spinulosa* Pers:, *arborea* Huds:, *papillata* Kuntz: (Ad

truncos et ramos vulgatissima autumn: - hyem: *Pedem:* similibus locis Balb: misc: bot: p. 45. et fl: taur: p. 203. sub *Tremella.* Re app: II. p. 222. et fl: tor: II. p. 322. sub *Tr: spinulosa. Sabaud:* Huguen: et Bonjean in litt:). Statura varia sed generatim priori minor sub-applanata sessilis raro sub-stipitata undulata nigricans albo-papillosa.

XXIX. Dacrymyces Nees syst: p. 89. = Fries syst: mycol: II. p. 228. = Spr: syst: n. 3545. = *Tremellæ* spec: Auctor: = *Fusarii* spec: Spr: in parte.

» *Receptac*: gelatinosum homogenum, floccis as-
» surgentibus sporidiisque undique adspersum, de-
» mum sub-deliquescens. »

Obs: Genus ad *Mucedines* accedens, constans ex Fries 7. stirpibus. Fungi minores gregarii epiphyti.

❀ 1. *D. violaceus* = Fries l. c. 229. = Spr: l. c. 543. Sub *Tremella* Pers: syn: p. 623. = Ic:? (Ad truncos Pyri. *Sabaud*: Huguen: in litt:). Minor gregarius compactus sub-compressus gyrosus violaceus.

❀ 2. *D. stillatus* = Nees l. c. p. 89. f. 90. = Fries l. c. p. 230. Spr: l. c. 543. = *D. deliquescens* Duby bot: gall: II. p. 729. *Tremella deliquescens* Bull: t. 455. f. 3. (Ad trabes et asseres toto anno. *Pedem:* similibus locis Balb: misc: bot: p. 55. et fl: taur: p. 203. Biroli fl: acon: II. p. 238. omnes sub *Tremella deliquescente.* Re fl: tor: II. p. 323. sub *Tr: lacrymali*). Rotundatus sub-stipitatus convexus demum plicatus e luteo-aurantiacus. *Tr: lacrymalis* Pers: et Re est var: lutescens nitida exsiccata fuscescens, et crescit speciatim ad ligna Quercus.

✻ 3. *D. Urticæ* = Fries l. c. p. 231. = Sub *Tremella* Pers: syn: p. 628. *Tremella sepincola* W. = *Fusarium tremelloides* Spr: l. c. 565. ex Grev: crypt: fl: t. 10. (Ad caules exsiccatos præsertim Urticæ dioicæ hyem:-vere. *Pedem*: in valle *Pisii* super asseres marcescentes Cum: spec: p. 38. *Sabaud*: Huguen: in litt:). Minimus gregarius difformis planiusculus lævis aurantio-ruber; a reliquis speciebus differt, monente Fries, loco et floccis rectis paralellis. Planta Cum: convenit nomine et descriptione, non loco.

XXX. Agyrium Fries syst: mycol: II. 231. = *Tuberculariæ* spec: Spr:

» *Receptac*: compactum homogenum ceraceum in-
» nato-sessile undique glabrum et fructificans, su-
» perficie in sporidia demum fatiscente. *Contextus*
» flocculosus. *Papillæ* nullæ. »

Obs: Genus constans ex Fries 6. stirpibus minimis punctiformibus gregariis lignatilibus.

✻ 1. *A. nigricans* = Fries l. c. p. 232. = Sub *Tubercularia* Spr: l. c. 565. = Ic:? (Ad lignum putridum Quercus hyeme. *Sabaud*: Huguen: in litt:). Adnatum sub-rotundum convexum demum rugulosum fuligineo-nigricans.

XXXI. Hymenella Fries syst: mycol: II. p. 233. non Less: = *Lejodermatis*, *Tremellæ*, et *Thelephoræ* spec: nonnullæ quorund:

» *Receptac:* cum hymenio confusum adnatum ap-
» planatum læve tenuissimum sub-gelatinosum. *Spo-*
» *ridia* immersa. »

Obs: Genus obscurum paucis constans stirpibus epiphytis.

❋ 1. *H. Arundinis* = Fries l. c. = Ic:? (Ad culmos exsiccatos Arundinis Phragmitis vere. *Sabaud:* Huguen: in litt:). Sub-rotunda majuscula nigrescens demum sub-rimosa.

Sect: II. *Sclerotiacei.*

Sclerotiaceæ ordo proprius Fries.
Inter *Lycoperdaceas Sclerotiaceas* Ad: Brogn:, Duby.

» *Receptac:* varium vesiculoso-carnosum. *Hymen:*
» receptaculum sub-corticans primo læve demum ru-
» gulosum. *Sporidia* concreta contextum fere omnem
» intra corticem constituentia, alia demum libera
» sub-emergentia. Genera ex Fries 7. nonnulla exo-
» tica, pauca mihi cognita, perpauca pedemontana. »

XXXII. Sclerotium Tod: Meckl: I. p. 2. = Fries syst: mycol: II. p. 246. = Spr: syst: n. 3499. in parte.

» *Receptac:* (*sporangium* Spr:, *peridium* Duby) sub-
» rotundum varium cartilagineo-carnosum intus simi-
» lare cortice tenuissimo membranaceo inseparabili
» persistente. *Sporidia* subinde pruinæ instar undique
» emergentia. »

Obs: Genus obscurum, e vegetatione plus minus evoluta in 4. tribus a Fries divisum, 55. stirpes comprehendens. Fungi minimi gregarii in plantis mortuis vivisque parasitici.

❋ 1. *Scl: complanatum* = Tod: l. c. p. 5. t. 1. f. 9.

= Fries l. c. p. 248. = Spr: l. c. 521. (Ad folia et stipulas deciduas hyem: - vere. *Pedem*: iisdem locis lectum primum a BERTERO in horto *Ripularum* COLLÆ RE fl: tor: II. p. 267. *Sabaud*: HUGUEN: in litt:). Erectum sub-stipitatum obovatum compressum ex albido-fuscescens intus album.

❋ 2. *Scl: Semen* = Tod: l. c. p. 4. t. 1. f. 6. = Fries l. c. p. 249. Spr: l. c. 521. = *Sphæria Brassicæ* Bolt: t. 119. f. 2. var: (Supra folia putrescentia, stipulas etc. hyem: - vere. *Pedem*: in foliis putrescentibus Populi albæ reperit pariter BERTERUS *Ripulis* mense Aprili RE fl: tor: II. p. 267.). Liberum plerumque exacte globosum primo album mox fulvum spadiceum demum nigrum intus album; in var: *Brassicæ* confertum sub-immersum.

❋ 3. *Scl: vulgatum* = Fries l. c. p. 249. = Spr: l. c. 521. = Ic: ? (In fimo aliisque quisquiliis putrescentibus. *Sabaud*: HUGUEN: in litt:). Liberum globosum vel difforme lævissimum flavum intus album.

❋ 4. *Scl: stercorarium* = DC. mem: n. 8. t. 14. f. 4. = Fries l. c. p. 250. = Spr: l. c. (In stercore humano rarius alibi æst: - autumn: *Sabaud*: HUGUEN: in litt:). Liberum sub-rotundum nigrum intus album, siccum rugulosum.

❋ 5. *Scl: fungorum* = Pers: syn: p. 120. = Fries l. c. p. 252. Spr: l. c. 521. = Ic: ? (Inter lamellas putrescentes Agaricorum. *Sabaud*: HUGUEN: in litt:). Difforme lobatum glabrum pallidum dein fulvum intus albidum.

❋ 6. *Scl: muscorum* = Pers: syn: p. 120. = Fries l. c. p. 252. Spr: l. c. = *Scl: subterraneum* Tod:

meckl: l. p. 3. f. 5. a b (Ad muscorum radiculas. *Sabaud*: Huguen: in litt:). Difforme lobatum glabrum tuberculosum aureum.

❀ 7. *Scl*: *sanguineum* = Fries l. c. p. 255. = *Scl*: *fulvum* var: Spr: l. c. 522. = Ic: ? (Ad folia Convallariarum. *Sabaud*: Huguen: in litt:). Erumpens liberum pusillum globulare læve obscure sanguineum.

❀ 8. *Scl*: *varium* = Pers: syn: p. 122. = Fries l. c. p. 258. Spr: l. c. = Nees syst: f. 138. B (Ad caules et nervos foliorum Brassicæ. *Sabaud*: Huguen: et Bonjean in litt:). Gregarium sub-adnatum rugosum albo-fuscescens demum nigrum, figura sub-rotunda varia.

❀ 9. *Scl*: *bullatum* = DC. mem: mus: p. 416. t. 14. f. 5. = Fries l. c. p. 259. = *Scl*: *varium* var: Spr: l. c. 522. (Supra corticem Cucurbitæ Lagenariæ. *Sabaud*: Huguen: in litt:). Orbiculatum vel ovatum confluens convexum granulatum atrum intus albidum.

❀ 10. *Scl*: *durum* = Pers: syn: p. 121. = DC. l. c. p. 415. t. 14. = Fries l. c. Spr: l. c. (Ad caules variarum plantarum præsertim umbelliferarum. *Sabaud*: Bonjean in litt:). Adnatum oblongum sub-difforme depressum sub-striatum nigrum intus albidum.

❀ 11. *Scl*: *nervale* = Fries l. c. p. 260. = *Scl*: *Pustulla* var: Spr: l. c. 522. = Sub *Xylomate* Alb: et Schw: p. 64. t. 7. f. 7. (Ad folia dejecta variarum arborum vere. *Sabaud*: Huguen: in litt:). Nervisequium semiteres lineariter elongatum crassiusculum sub-rugosum nigrum intus album.

❀ 12. *Scl*: *Pustulla* = DC. mem: mus: hist: nat: 1816. p. 417. t. 14. f. 17. = Fries l. c. p. 260. =

Spr: l. c. 522. *Scl: quercinum* Pers: syn: p. 124. non Hornem: (Ad folia variarum arborum præsertim Quercus vere - autumn: *Pedem*: supra folia Quercuum sæpe vidi. Præsertim *Planiciæ* Re app: II. p. 219. et fl: tor: II. p. 267. sub *Scl: quercino*. *Sabaud*: Bonjean in litt:). Hypophyllum sub - innatum hemisphæricum prominens rugulosum nigrescens intus corneum album. *Scl: quercinum* Hornem: pertinet ad *Phacidium coronatum* Fries.

❀ 13. *Scl: betulinum* = Fries l. c. p. 262. = Sub *Peziza* Alb: et Schw: p. 339. t. 12. f. 5. (Ad folia decidua betulina hyeme - vere. *Sabaud:* Huguen: in litt:). Innatum orbiculare convexum dein depressum e flavo-fusco nigrescens.

❀ 14. *Scl: populinum* = Pers: obs: II. p. 25. = Fries l. c. p. 262. = Ic:? (Utrinque ad folia languescentia vel emortua Populorum autumn: - vere. *Sabaud*: Bonjean et Huguen: in litt: sub *Xylomate*). Valde difforme innatum convexo-planum gilvo-rufum demum nigrescens. Omissum a Spr:

❀ 15. *Scl: salicinum* = DC. mem: mus: p. 420. t. 14. f. 8. = Fries l. c. p. 263. (Ad folia semiviva vel emortua plurium Salicum. *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt: sub *Xylomate*). A præcedenti vix distinctum crescendi loco.

❀ 16. *Scl: suffultum* = Rebent:? (*Pedem*: Balb: el: p. 7. sine loci indicatione). Stirps mihi ignota, omissa a Spr:, enumerata a Fries sub *Erysiphe guttata*.

❀ 17. 18. 19. An huc referenda *Xyloma Arbuti* Fries, *punctulatum* DC. et *Spireæ* Kuntz: quæ crescunt in *Sabaud*: sec: Bonjean in litt:?

XXXIII. Spermoedia Fries syst: mycol: II. p. 268. = *Sclerotii* spec: Auctor:

» Varia rotundata entophyta arrhiza, substantia
» carnoso-farinacea similari, cortice concreto squa-
» muloso vel sub-pruinoso. »

Obs: Genus nulla fructificatione propria præditum ad semina graminum in statu morboso enascens, et forsan semen ipsum morbosum. Species 2. ex Fries.

❀ 1. *Sp*: *clavus* = Fries l. c. p. 268. = Sub *Sclerotio* DC. mem: mus: 1816. p. 416. t. 14. f. 8. (In glumis plerumque graminum præsertim Secalis. *Pedem:* similibus locis Balb: el: p. 7. *Sabaud*: Huguen: et Bonjean in litt: sub *Sclerotio*). Corniforme cylindricum extus sub-pruinosum purpureo-nigrum intus album. Omissum a Spr:

XXXIV. Erysiphe Hedw: fil: in DC. fl: fr: II. p. 272. = Fries syst: myc: III. p. 234. inter *Perisporiaceas Perisporias* = *Alphitomorphæ* spec: Spr: ex Wall: (Inter *Lycopodiaceas Sclerotiaceas* Duby bot: gall: p. 868.).

» *Receptac*: carnosum globulare liberum primo lu-
» teum demum rufum tandem nigrum irregulariter
» dehiscens sporidiis solitariis vel pluribus refertum. »

Obs: Genus obscurum etiam pro ordine. Receptaculum seu peridicium floccis vel filamentis diversis impositum, sc: vel rigidioribus divergentibus (*capillitium*), vel decumbentibus plerumque longioribus (*hyphasma*). Constat autem 30. circiter stirpibus superficialibus ad caules et folia plantarum vivarum.

❀ 1. *E. Humuli* = DC. fl: fr: suppl: p. 106. = Duby l. c. *E. macularis* a Fries l. c. p. 237. *Alphitomorpha macularis* Spr: syst: IV. 407. = Ic: ? (Ad folia Humuli Lupuli æstat:-autumn: ubique. *Sabaud*: Huguen: in litt:). Hypophylla, hyphasma limitatum tandem effusum filamentis longis intricatis, capillitii filamenta crispata fusca sursum flexa receptaculum obtegentia, receptacula dense aggregata demum depressa.

❀ 2. *E. Sanguisorbæ* = DC. l. c. p. 108. = Duby l. c. *E. fuliginea* a Fries l. c. p. 238. *Alphitomorpha fuliginea* Spr: l. c. ? = Ic: ? (Supra folia Sanguisorbæ officinalis. *Sabaud*: Huguen: in litt:). Hyphasma limitatum dein confluens filamentis laxe intricatis sordide albis demum fuscescentibus, capillitii filamenta fusca inæqualia deorsum flexa, receptacula orbiculatim conferta.

❀ 3. *E. Poterii* = Linck: sp: IV. p. 103. = Duby l. c. *E. ferruginea* Fries l. c. p. 238. *Alphitomorpha ferrugineum* Spr: l. c. = Ic: ? (Cum priori. *Sabaud*: Huguen: in litt:). Differt a priori præsertim filamentis omnibus *ferrugineis*, receptaculis *minutis fuscis sparsis*.

❀ 4. *E. pannosa* = Linck: l. c. p. 104. = Duby l. c. p. 869. Fries l. c. p. 236. Sub *Alphitomorpha* Spr: l. c. 409. = *Eurotium Rosarum* Grev: crypt: scot: t. 164. f. 2. sec: Fries l. c. (Ad ramos calyces et fructus Rosæ villosæ et caninæ. *Sabaud*: Huguen: in litt:). Hyphasma effusum demum pulvinatum filamentis subtilibus sericeis nitidis dense intricatis fuscescentibus, capillitium nullum, receptacula dense aggregata minutissima rugulosa demum fusco-nigra.

❀ 5. *E. communis* = Linck: l. c. p. 105. = Duby

l. c. Fries l. c. p. 239. = Sub *Alphitomorpha* Spr: l. c. 407. (In foliis herbarum variarum. *Sabaud*: Huguen: et Bonjean in litt:). Hyphasma sub-rotundum demum effusum filamentis arachnoideis albis vel cinereis, capillitii filamenta simplicia alba hyphasmati affixa, receptacula sphærica sparsa numerosissima tandem nigro-fusca. Parum variat pro variis herbis in quibus innascitur, nec tamen satis constanter ut species distinctas constituat.

❀ 6. *E. lamprocarpa* = Linck: l. c. p. 108. = Duby l. c. *E. communis* C Fries l. c. p. 239. Sub *Alphitomorpha* Spr: l. c. 408. = Ic:? (In variis Labiatis. *Sabaud*: Huguen: in litt:). Hyphasma effusum filamentis brevissimis dense intertextis, capillitii filamenta longissima tortuosa fuscescentia, receptacula sphærica nitida demum nigro-fusca.

❀ 7. *E. Compositarum* = Duby l. c. p. 870. = Ic:? (Ad folia variarum Corymbiferarum. *Sabaud*: Huguen: in litt:). Hyphasma effusum filamentis laxe intertextis, capillitii filamenta tenerrima demum nigro-fusca, receptacula sphærica demum nigro-fusca concaviuscula marginata.

❀ 8. *E. Betulæ* = DC. fl: fr: suppl: p. 103. = Duby l. c. *E. guttata* d Fries l. c. p. 246. = Ic:? (Ad folia subtus Betulæ albæ. *Sabaud*: Huguen: in litt:). Hyphasma effusum filamentis tenuissimis rufescentibus, capillitii filamenta simplicia subulata basi dilatata, receptacula sparsa demum depressa nigro-fusca.

❀ 9. *E. Aceris* = DC. l. c. p. 104. = Duby l. c. *E. bicornis* Fries l. c. p. 244. *Alphitomorpha bi-*

cornis Spr: l. c. 408. = Ic:? (Utrinque ad folia Aceris campestris. *Sabaud*: Huguen: in litt:). Hyphasma effusum filamentis intertextis contiguis cinereo-albis, capillitii filamenta brevissima apice furcata nodosa alba, receptacula sphærica demum depressa fusca.

❋ 10. *E. divaricata* = Linck: l. c. p. 112. = Duby l. c. *E. penicillata* B Fries l. c. p. 243. Sub *Alphitomorpha* Spr: l. c. = Ic:? (Ad folia variorum fruticum. *Sabaud*: Huguen: in litt:). Hyphasma effusum filamentis dense intertextis griseo-albis, capillitii filamenta tandem sursum flexa contorta bifurca ramis divaricatis floccosis, receptacula minuta sphærica nigro-fusca.

❋ 11. *E. penicillata* = Linck: l. c. p. 113. = Duby l. c. p. 871. Fries l. c. Sub *Alphitomorpha* Spr: l. c. = Ic:? (Ad folia variorum fruticum et arborum. *Sabaud*: Huguen: in litt:). Hyphasma effusum filamentis subtilissimis dense intertextis griseo-albis, capillitii filamenta recta apice penicillata, receptacula minutissima globosa demum depressa fusco-nigra.

❋ 12. *E. Evonymi* = DC. fl: fr: suppl: p. 105. = Duby l. c. *E. penicillata* C Fries l. c. *Alphitomorpha comata* Spr: l. c. = Ic:? (Ad folia Evonymi europæi præsertim subtus Balb: el: p. 4. *Sabaud*: Huguen: in litt:). Hyphasma effusum filamentis crispatis dense intertextis, capillitii filamenta longissima densa apice flocculosa tandem inflexa, receptacula globosa demum depressa sparsa nigro-fusca.

❋ 13. *E. Salicis* = DC. fl: fr: II. p. 273. = Duby l. c. *E. adunca* b Fries l. c. p. 245. *Alphitomorpha guttata* var: Spr: l. c. 409. = Ic:? (Ad folia variarum

Salicum. *Sabaud*: Huguen: in litt:). Hyphasma effusum filamentis dense intricatis albis, capillitii filamenta brevia alba recta æquata demum inflexa, receptacula sphærica demum nigro-fusca.

❋ 14. *E. Capreæ* = Duby l. c. ex DC. hb: (Ad folia Salicis Capreæ. *Sabaud*: Huguen: in litt:). Vix differt a priori hyphasmatis filamentis *pulverulentis*, capillitii basi *dilatatis* calyculum tenuissime fimbriatum mentientibus, receptaculis *confertioribus*.

❋ 15. 16. 17. 18. Cl: Bonjean enumerat in litt: pro stirpibus sabaudis sub *Alphitomorpha A. oxyacantham*, *guttatam*, *Fraxini*, et *macularem* quas non vidi.

Ordo CCXII.

GASTEROMYCETES

(Fries syst: mycol: II. p. 275. classis propria = Bartl: ord: nat: II. p. 6. = *Myelomycetes* et *Gastromycetes* in parte Spr: syst: IV. p. 376. 378.).

Char: essentialis.

» *Uterus.* Fungus e cellulis concretis, in formam
» rotundatam tendens, primo clausus dein ostiolo in-
» structus vel irregulariter rumpens, massa interna
» fructificante. *Integumentum* varium (*peridium*, *pe-*
» *rithecium*, *volva*) contextu sub-vesiculoso, simplex
» vel duplex raro multiplex. *Sporidia* distincta mi-
» nuta in centro collecta sæpius cum receptaculis
» propriis et partialibus (*flocci*, *asci*, *sporangia*) ra-
» rius receptaculis nullis. »

Trib: I.

Evoluti (Receptaculis propriis vel partialibus instructi).

Obs: Ex forma *uteri* et *sporidiorum* situ dividuntur *Evoluti* in 3. sectiones (ordines proprii Fries), sc: *Angiogastres*, *Pyrenomycetes*, et *Trichospermos*.

Sect: I.

✱ *Angiogastres* ordo proprius Fries = *Lythotecii* et *Sarcocarpi* Pers: = *Myelomycetes Angiogasteres* Spr: in parte (*Uterus* distinctus receptacula propria discreta includens. *Sporidia* in receptaculis collocata numquam pulverulenta. Gen: ex Fries 16. in 4. sub-ordines divisa).

A *Phalloideæ* (*Utero* rupto *receptaculum* discretum apertum pronascitur. *Sporidia* in strato mucoso).

I. Phallus Fries syst: mycol: II. p. 281. = *Phalli* spec: Spr: syst: n. 3487. inter *Fungos utrinos* = *Phalli* spec: L. et Auctor: = Lam: ill: t. 885. (Inter *Clathraceas* Ad: Brogn:, Duby).

» *Uterus* (*volva*) rotundatus e membrana duplici
» gelatina distenta compositus lobato - rumpens. *Re-*
» *ceptac:* utero rupto elastice pronascens stipitatum
» capituliforme integerrimum, superne muco sporidii-
» fero mox diffluente tectum. »

Obs: Genus constans ex Fries 7. stirpibus fere omnibus exoticis in 4. tribus distinctis. Fungi majores plerumque terrestres solitarii meteorici olidi venenati.

✱ 1. *Ph: impudicus* = L. suec: n. 1261. = Fries l. c. p. 243. Spr: syst: IV. 498. = Bull: t. 182. (In sylvis æstat: *Pedem:* iisdem locis in collibus *Taurin:* All: n. 1765. In sylvis *Condoviarum* prope *il Gravi* Re fl: segus: p. 92. In pascuis Balb: fl: taur: p. 208. et Re fl: tor: II. p. 284. In pascuis humidis et sylvis

Biroli fl: acon: II. p. 231. *Ligur:* in montibus supra *Novi* Viv: in litt:). Volva immatura rotundato-ovata luteola, capitulum liberum conicum reticulato-pervium primum muco tenaci obscure olivaceo tectum demum album, stipes fistulosus celluloso-cribrosus elongatus basi incrassatus. E longinquo fœtore cadaverino dignoscitur.

❀? 2. *Ph: hymenium* = Capel: cat: H. B. Taur: 1821. p. 65. (Ad emortuam medullam Salicis a solis radiis seclusam repertus a J. Molinerio ann: 1818. Capel: l. c. Re fl: tor: II. p. 284.). Fungillus sessilis ex membrana cellulari gelatinosa tenui diffusa extus crocea compositus. Descriptio Auctoris non quadrat cum genere *Phalli*, nec cum *Merulio esculento*, cui ipse affinem plantam suam dixit; habitu, statura et vegetationis loco omnino quoque differt. Planta igitur incerta.

II. Clathrus Michel: gen: 214. = Fries syst: mycol: II. p. 287. = Spr: syst: n. 3488. inter *Fungos utrinos* = *Clathri* spec: Auctor: = Lam: ill: t. 887. (Inter *Clathraceas* Ad: Brogn:, Duby).

» *Uterus* (*volva*) sessilis globosus laciniato-dehi-
» scens. *Receptac:* ab utero discretum rotundatum
» sessile e ramis pluribus conjunctis lamellatum in-
» cludens gelatinam et massam farinaceo-uvidam spo-
» ridiiferam mox diffluentem, demum cavum. »

Obs: Genus ab omnibus distinctissimum, facie omnimodo propria, constans 4. stirpibus, quarum una tantum europæa.

✱ 1. *Cl: cancellatus* = L. syst: veg: p. 1017. = Fries l. c. p. 288. Spr: syst: IV. 499. = *Cl: volvaceus* Bull: t. 441. (Ad terram in *Eur*: austr: et *Amer*: *Pedem*: in pascuis et collinis Oct:-Nov: All: n. 2766. Secus *il Rio di Sassi* frequens Balb: fl: taur: p. 283. Prope *la Veneria* et speciatim ad radices muri *del Parco* prope viam eundo versus *la Mandria* Re fl: tor: II. p. 283. sub *Cl: rubro*. In ericetis prov: *Novariens*: frequens Biroli fl: acon: II. p. 232. *Ripulis* in fundo meo dicto *il Trucco* singulis annis unico loco Oct: - Nov: gregarie et constanter enasci observavi. *Ligur*: in apricis collibus Viv: in litt:). Magnus pulcherrimus sed fugax et fœtidissimus, volva alba, receptaculum ramis oblique anastomosantibus eleganter coccineis cancellatum. Variat ramis flavescentibus vel albis sec: Auctores; ipse rubrum semper inveni.

B *Tuberaceæ* (*Sporangia* membranacea, hymenio sæpe venoso-cancellato *utero* incluso inspersa. *Sporidia* primo pulposa).

Obs: Circa *Tuberaceas* cons: præsertim cl: Vittadini qui in sua *Tuberacearum Monographia* nitidissimis tabulis illustrata (Mediol: 1831. ex typogr: Rusconi) celeberrimi Friesii votum indubitanter explevit (Fries l. c. p. 290.); apud ipsum *uterus* est vel e receptaculo simplici, vel e partialium receptaculorum conglomeratione efformatus, unde ordinis divisio in *Tubereas* in quibus *peridium* (uteri parietes) essentiale manifestum, et *Hymenogastereas* peridio accidentali spurio.

III. Tuber Fries syst: mycol: II. p. 289. = Spr: syst: n. 3465. inter *Myelomycetes angiogasteres* = *Tuberis* et *Lycoperdi* spec: Auctor: = Lam: ill: t. 887. (Inter *Lycoperdaceas Tubereas* Duby).

» *Uterus* (perithecium, peridium quorund:) sub-
» globosus arrhizus elausus intus venoso-marmoratus.
» *Sporangia* (ascidia, peridiola) minuta globosa pe-
» dicellata membranacea venis inspersa. *Sporidia* ob-
» soleta. »

Obs: Genus hoc, quod Linnæi tempore unicam constituebat speciem sub *Lycoperdo* (*L. Tuber*), mire postea adauctum a Mycologis summis, sc: a Friesio ad 12. species in 4. genera dispositas, et a Vittad: ad species 40. circiter in 8. genera distributas. An omnia probanda? Asserere non audeo. Friesium sequar; principales stirpes Vittad: indicabo; qui plura desiderat egregium ejus opus attingat. Fungi majores vel medii subterranei sub-fragrantes generatim in cibariis laudatissimi.

❀ 1. *T. cibarium* = Fries l. c. p. 290. = Spr: syst: IV. 415. = *T. nigrum* Bull: t. 356. *Lycoperdon Tuber* L. spec: II. p. 1053. non fl: suec: Vern: *Trifola neira* (*Eur*:, *Asia*, *Afr*:, *Amer*: bor: *Pedem:* frequentissimum æstat: - autumn: - hyem: præsertim in collibus *Liguriæ*, *Montisferrati* et *Astensis* prov: All: n. 2786. sub *Lycoperdon Tuber* in parte. Prope *Segus*: in viciniis *di Mompantero* sed rarum Re fl: segus: p. 93. In collibus *Taurin*: rarum Balb: fl: taur: p. 192. Re fl: tor: II. p. 268. In collibus præsertim *di Boca*, *Maggiora* et *Burgimaneri* Biroli fl: acon: II.

p. 252. omnes sub *T. cibario.* In valle *Pisii* sub Quercuum umbra prope *Carthusiam* sed rarum Cum: spec: p. 54. sub *T. nigro. Sabaud*: Bonjean in litt:). Subglobosum, statura varia, extus verrucis nigris exasperatum intus nigrescens. Huc forsan referendæ 6. species ex Vittad: primam suam sectionem (*extus scabra muricato-verrucosa*) constituentes, sc: *T. oligosporum*, ad quod speciatim refert stirpem Friesii; *T. macrosporum*; *T. melanosporum*, cui tribuit *T. nigrum* Bull:, et tamquam sectionis typum considerat *T. brumale*; *T. æstivum* idem ac *Lycoperdon Tuber* var: *nigrum* All: fl: ped: II. p. 366. in obs: ad cit: n. 2786.; et *T. mesentericum*. Deliciosiora sunt *T. melanosporum* et *æstivum*; primum autumn: et hyeme, alterum a Majo ad August: effoditur. An huc quoque spectat *T. albidum* Fries l. c. p. 291. in statu juniori? Videtur.

❋ 2. *T. griseum* = Lettr: sur les truff: du Piém: p. 5. 6. 7. t. 1. 2. = Fries l. c. p. 292. = Spr: l. c. 415. excl: syn: Birol: *T. magnatum* Vittad: l. c. p. 42. ex Pico (excl: syn: Birol:) t. I. f. IV. et t. II. f. IX. optimæ. *T. album* quorund: Vern: *Trifola bianca* (*Pedem*: in collibus præsertim raro in planitie prov: *Montisferrati*, *Ligur*:, *Astens*:, *Derthonens:* et *Vogherens*: frequentissimum autumn: et ineunte hyem: All: n. 2786. sub *Lycoperdon Tuber* pro parte. In editioribus collibus *Taurin*: etiam circa *Cherium* sed rarius Balb: fl: taur: p. 192. excl: Bull: syn: Re fl: tor: II. p. 268. ambo sub *T. albo*). Differt a priori præsertim forma *minus* regulari, cortice *tenuiori griseo* numquam nigro *læviusculo* nec verrucoso a carne

vix separabili, substantia *sub-saponacea*, odore *sub-alliaceo*, venis intus *minutissimis* valde *anastomosantibus*. Præter omnia deliciosissimum. *T. album* a Biroli l. c. enumeratum non pertinet ad hanc stirpem ad sinistram *Padi* nullibi hucusque inventam uti sciam, unde delenda in Vittad: p. 43. *Novariæ* indicatio. Ad hanc sect: (*extus lævia vel tantum papillosa*) referendæ sunt species seqq: ex Vittad: = *T. Borchii*, *T. maculatum*, *T. ferrugineum*, *T. microsporum*, *T. niveum* Desf:, *T. nitidum*, *T. rufum* Pollin:, et *T. excavatum*. Ex descriptionibus et iconibus cl: Auctoris nec non ex nomine vern: *Bianchete*, una tantum ex hisce speciebus vel varietatibus crescere videtur etiam penes nos, sc: *T. Borchii*, quod vix differt a *griseo* cortice leviter *punctato* rugosiusculo, venis in carne *majoribus granuloso-emarginatis*, odore et sapore *debiliori*.

❋ 3. *T. moschatum* = Bull: t. 479. = Fries l. c. p. 291. = Spr: l. c. 415. (In *Gallia* sub terra. *Sabaud*: Huguen: in litt:). Sub-rotundum læve nigrescens molle odorem fortem moschatum exhalans.

❋ 4. *T. arenarium* = Moris st: sard: III. p. 22. = Vittad: l. c. p. 57. (*Sardin*: sub terra arenosa maritima *Terralba*, *Oristano*, *Sorso* etc. Mart:, Apr: Moris l. c.). « Edule arrhizon sub-globosum solidum » inodorum extus nigrescens læviusculum intus al- » bidum demum flavescens venosum. » Plantam non vidi.

IV. Rhizopogon Fries syst: mycol: II. p. 293. = Vittad: l. c. p. 52. = *Lycoperdi* et *Tuberis* spec: Auctor:

» *Uterus* sessilis rotundo-difformis flocculosus de-
» mum irregulariter rumpens, intus carnosus venis
» frequentissime anastomosantibus variegatus. *Sporan-*
» *gia* membranacea globosa sessilia venis inspersa spo-
» ridiis distinctis repleta primo pulposa demum eva-
» cuata cava. »

Obs: Genus constans ex citatis Auctoribus stirpibus 4. Fungi majores vel medii e terra emersi extus vel basi fibrilloso-radicantes inodori insipidi vix cibarii.

⊛ 1. *Rh: albus* = Fries l. c. p. 293. = Vittad: l. c. p. 53. = *Tuber album* Bull: t. 404. Spr: l. c. 415. *Lycoperdon gibbosum* Dicks: crypt: II. p. 26. (Ad vias arenarias in ericetis montosis *Eur*:, *Carolin*: autumn: *Pedem*: e collibus *Novariens*: *di Boca*, *Maggiora* et *Burgimaneri* descendit usque ad promomptoria *di Olengo* et *Nibiole* Biroli fl: acon: II. p. 252.). Minor vel medius sub-rotundus sub-rugosus leviter flocculosus extus ex albido rufescens intus albus basi fibrillosus.

C *Nidulariaceæ* (*Uterus* varius demum apertus intus sporangia plura colligens. *Sporangia* clausa libera intus sporidiis referta).

V. Nidularia Bull: champ: p. 69. = Fries syst: mycol: II. p. 297. = *Cyathus* Hall: aliique (Inter *Myelomycetes Angiogasteres* Spr:, inter *Lycoperdaceas Angiograstes* Duby).

» *Uterus* rotundatus peridio coriaceo extus sub-
» floccoso, intus junior refertus pulpa gelatinosa cum
» sporangiis immaturis, dein rumpens intus e gela-
» tina absorpta vernicosus. *Sporangia* numerosa len-
» ticularia carnosa peridio partiali membranaceo floc-
» coso fugaci sæpius cincta, sporidiis in medio coa-
» cervatis majusculis æqualibus. »

Obs: Genus constans ex Fries 12. stirpibus ex uteri structura in 2. sectiones divisis.

α Cyathia (*Cyathiformes epiphragmate orbiculari tectæ*).

✽ 1. *N. striata* = Bull: t. 40. f. 1. = Fries l. c. p. 298. = Sub *Cyatho* Spr: syst: IV. 414. ex Hoffm: veg: crypt: II. p. 33. t. 8. f. 3. aliique (Ad terram inter folia putrida et ad bases truncorum Aug:-Nov: *Pedem*: similibus locis in collibus *Taurin*: Bale: misc: bot: p. 53. et fl: taur: p. 198. Ad mœnia urbis *Novar:* super terram sæpe occurrit Biroli fl: acon: II. p. 243. Sero autumn: in sylvis ad terram aut ad ramulos dejectos cæspitose crescit Re *fl*: tor: II. p. 282.

sub *Cyatho*. In valle *Pisii* in sylvis supra tellurem ac ligna putrida Cum: spec: p. 36. *Sabaud*: Huguen: et Bonjean in litt:). Gregaria radiculata basi passim bulbosa obconica extus strigosa sub-squamosa umbrino-fusca intus striata plumbea nitida, epiphragma membranaceum album. Huc pertinet *Peziza hirsuta* Bellard: app: p. 74.

❀ 2. *N. campanulata* = Sowerb: fung: p. 28. = Fries l. c. p. 298. = *N. vernicosa* Bull: t. 488. f. 1. et t. 40. f. 2. *Cyathus Olla* Spr: l. c. 414. ex Pers: (Ad ramenta lignea in hortis, arvis etc: æst:-autumn: *Pedem*: abunde in H. magno *Valentini* Balb: de crep: p. 12. et fl: taur: p. 198. sub *N. vernicosa*. Re fl: tor: II. p. 282. sub *Cyatho Olla*. *Sabaud*: Huguen: et Bonjean in litt:). Junior clavato-cylindrica dein obconica extus tomento griseo denso obducta intus albida mox plumbea demum spadicea, epiphragma tenue floccosum album lacero-rumpens. Hæc et seq: confusæ ab All: cum *Peziza lentifera*.

❀ 3. *N. Crucibulum* = Fries l. c. p. 299. = Sub *Cyatho* Spr: l. c. 415. ex Hoffm: veg: crypt: II. p. 29. t. 8. f. 1. = *N. lævis* Bull: t. 488. f. 2. et t. 40. f. 3. (Ad ligna et cortices pineos locis domesticis et sylvaticis ubique æstat:-autumn: *Pedem*: similibus locis in collibus *Taurin*: Balb: misc: bot: p. 53. et fl: taur: p. 198. In valle *Pisii* potissimum supra emarcidos caules Pteridis aquilinæ Cum: spec: p. 36. Super ligna emortua in prov: *Novar*: Biroli fl: acon: II. p. 243. omnes sub *N. lævi*. Etiam prope *Venariam* Re fl: tor: II. p. 283. sub *Cyatho Crucibulo*. *Sabaud*: Bonjean in litt:). A præcedentibus statim dignoscitur statura *mi-*

nori, colore extus *ochraceo-ferrugineo* intus *luteo-pallescenti*, superficie *læviuscula*, epiphragmate *firmo convexo*.

❀ 4. *N. fimetaria* = Fries in ind: p. 80. ad *Cyathum* = Sub *Cyatho* DC. fl: fr: V. p. 104. Duby bot: gall: p. 865. = Ic: ? (In stercore vaccino rara. *Sabaud*: iisdem locis Huguen: in litt:). Hemisphærica tota rufo-fulva interdum confluens extus velutina intus glabra, peridiolis concoloribus lenticularibus subpunctatis.

β Nidularia (*Sub-rotundæ epiphragmate destitutæ*).

Obs: Nullam stirpem ex *Pedem:* possideo.

D. *Carpoboli* (*Uterus* protrudens sporangium solitarium discretum sporidiis refertum).

VI. Thelebolus Tod: Meckl: I. p. 41. = Fries syst: mycol: II. p. 306. = Spr: syst: n. 3496.

» *Uterus* sessilis sub-rotundus urceolato-ventrico-
» sus protrudens vesiculam globosam papillæformem,
» ore excutiens sporidia primo inclusa mucosa. »

Obs: Genus constans 1-2. stirpibus substantia carnoso-gelatinosa fugaci.

❀ 1. *Th*: *terrestris* = Alb: et Schw: t. 2. f. 4. = Fries l. c. p. 307. = *Th*: *Todeanus* Spr: l. c. 519. cum *Th*: *stercorario* (In sylvis opacis ad terram vel muscos et stipites putridos *Sabaud:* Huguen: in litt:). Hemisphæricus croceus congestus subiculo tomentoso dense complexo insidens. *Th*: *stercoreus* Tod: quod

hic conjunxit Spr:, differt subiculo *nullo* et loco nascendi sc: in stercore.

VII. Sphærolobus Tod: Meckl: I. p. 43. = Fries syst: mycol: II. p. 309. = Spr: syst: n. 3493. = *Lycoperdi* et *Carpoboli* spec: Auctor: (Inter *Gastromycetes Geogasteres* Spr:, inter *Lycoperdaceas Angigastres* Duby).

» *Uterus* immerso-sessilis rotundatus dein stella-
» tim fissus apertus. *Peridium* duplex interius mem-
» branaceum demum elastice inversum projiciens spo-
» rangium globosum solidum sporidiis in medio coa-
» cervatis. »

Obs: Genus constans ex Fries stirpibus 2. Fungi pusilli gregarii uti omnes species ad hunc sub-ordinem spectantes.

✻ 1. *Sph*: *stellatus* = Tod: l. c. = Fries l. c. p. 309. Spr: l. c. 518. *Lycoperdon Carpobolus* L. sp: 1654. *Carpobolus albicans* W. = Michel: gen: p. 221. t. 101. f. 1. 2. (Ad ligna varia variasque quisquilias æstat:-autumn: *Pedem*: iisdem locis in H. magno *Valentini* et in collibus *Taurin*: Balb: de crep: p. 12. sub *Lycoperdon Carpobolo* et fl: taur: p. 197. sub *Sph*: *stellato*. Re fl: tor: II. p. 266.). Globosus flavo-pallescens villo tenui secedente instructus ore regulari stellato-dentato.

Sect: II.

Pyrenomycetes ordo proprius Fries = *Gongomyci* et *Mycolomyci* Nees. (*Uterus* (sub - induratus *perithecium* dicitur) receptaculum constituens intus *nucleo* distincto molliori sub-deliquescente instructus. *Sporidia* in ascis seriatim collocata. Genera ex Fries 16. in 4. sub - ordines divisa).

A *Sphæriacei* (*Perithecium* clausum ostiolo perforatum, *nucleo* ascigero sub-difluente farctum).

VIII. Sphæria Fries syst: mycol: II. p. 319. = *Sphærinæ*, *Clavariæ*, *Æcidii*, *Hypoxylonis*, *Variolariæ*, *Poroniæ*, *Cordycopsidis*, *Cerastomæ*, *Lophii* spec: nonnullæ quorund: (Inter *Myelomycetes Sphærioideos* Spr:, inter *Hypoxyla* Duby ex DC.).

» *Perithecia* rotundata integra clausa stromate com-
» muni juncta vel solitaria, apice ostiolo perforata.
» *Asci* elongati paraphysibus immixti convergentes de-
» liquescentes. *Sporidia* varia sub-annulata (*theculæ*). »

Obs: Genus numerosissimum, constans ex Fries stirpibus 550. (inclusa *Depazea*), proinde extricatu difficillimum, illarum tenuitate (in permultis) præsertim inspecta. E vegetatione plus minus evoluta, cum qua peritheciorum situs et ascorum indoles conspirat, admissa divisione primaria *Compositas* inter, et *Simplices*, in varias sectiones ipsas divisit cl: Fries, quarum singulæ in 4. subdividuntur tribus. Chara-

cteribus uniuscujusque bene retentis, facilem in tanta stirpium ope reddidit disquisitionem immortalis ille Mycologorum Princeps.

I. Compositæ.

Sect: I.

Periphæricæ.

» *Perithecia* sub-divergentia in ambitu stromatis
» collocata ostiolo æquali collo destituta (*libere evo-*
» *lutæ superficiales*). »

α *Cordyceps* (Clavæformes simplices vel ramosæ stipitatæ).

1. Hypocrea.

Velum nullum; perithecia membranacea pallida in strato proprio a stipite discreto et clavam obducente collocata; asci elongati filiformes pellucidi, sporidiis simplicibus 2-serialibus, particulis villi instar albi erumpentibus. (Carnosæ contextu fibroso).

✿ 1. *Sph*: *militaris* = Ehrh: beytr: VI. p. 47. = Fries l. c. p. 323. Spr: syst: IV. 383. = Sub *Clavaria* L. fl: dan: t. 657. f. 1. *Cl*: *granulosa* Bull: t. 496. f. 1. (In sylvis inter muscos, cortices etc. ad larvas emortuas insectorum. *Pedem*: similibus locis in collibus *Taurin*: Re fl: tor: II. p. 256. Balb: misc: bot: p. 55. t. 11. sub *Cl*: *granulosa*. *Sabaud*: Huguen:

in litt:). Aurantiaca, capitulum clavatum tuberculosum, stipes æqualis.

❀ 2. *Sph: capitata* = Holmsk: ot: I. p. 38. c. ic: = Fries l. c. p. 324. = Spr: l. c. 383. (In pinetis. *Sabaud:* Bonjean in litt:). Carnosa, capitulum ovato-globosum badium, stipes flavus dein nigrescens.

❀ 3. *Sph: ophioglossoides* = Ehrh: exsic: n. 160. = Fries l. c. p. 324. Spr: l. c. = Sub *Clavaria* Schmied: ic: t. 5. f. infer: *Cl: radicosa* Bull: t. 440. f. 2. (In sylvis. *Sabaud:* Huguen: et Bonjean in litt:). Carnosa, capitulum clavatum rufo-nigrescens, stipes olivaceo-nigrescens radicatus.

2. Hypoxylon.

Velum pruinosum fugax; stroma cum stipite confluens et contiguum apice sterili plerumque terminatum; perithecia atra in ipso stromate collocata; asci lineari-clavati sporidiis septatis.

(Lignatiles sub-radicatæ carnoso-suberosæ).

❀ 4. *Sph: digitata* = Ehrh: Beytr: VI. p. 7. = Fries l. c. p. 326. Spr: l. c. 383. Sub *Clavaria* L. sp: 1652. = Bull: t. 220. (Ad asseres et ligna ubique. *Pedem:* similibus locis All: n. 2778. Biroli fl: acon: II. p. 239. Balb: fl: taur: p. 200. omnes sub *Clavaria*. Re fl: tor: II. p. 256. sub *Sphæria*. Cum: spec: p. 50. sub *Hypoxylone*. *Sabaud:* Huguen: et Bonjean in litt:). Cæspitosa, e stipite basi connato ramoso-digitata glabra teres e rufescenti-atra apice acuto sterili primum albo mox fusco.

❋ 5. *Sph: polymorpha* = Pers: obs: myc: II. p. 64. t. 2. f. 2. 4. 5. = Fries l. c. = Spr: l. c. 384. (Ad truncos fagineos frequens. *Sabaud*: Huguen: et Bonjean in litt:). Sub - carnosa gregaria turgida difformis ex albido - nigra, clavula undique peritheciis cincta.

❋ 6. *Sph: Hypoxylon* = Ehrh: exs: n. 150. = Fries l. c. p. 327. Spr: l. c. 384. Sub *Clavaria* L. suec: n. 1267. = *Cl: cornuta* Bull: t. 180. (Ad truncos vetustos vulgaris autumn: - vere. *Pedem*: similibus locis All: n. 2779. sub *Cl: Hypoxylon*. Bale: fl: taur: p. 200. Re fl: tor: II. p. 319. Biroli fl: acon: II. p. 239. omnes sub *Cl: cornuta*. *Sabaud*: Billet in litt: sub *Sph: cornuta* Hoffm: Huguen: et Bonjean in litt: sub *Sph: Hypoxylon*). Dignoscitur a præcedenti præcipue clavulis *compressis* primo *albo - pulverulentis* dein *nudis nigris*, stipite *villoso*. Variat simplex vel ramosa, nec non stipitis longitudine et crassitie respectu clavularum.

❋ 7. *Sph: carpophila* = Pers: obs: myc: I. p. 12. II. t. 1. f. 3. = Fries l. c. p. 328. = Spr: l. c. 384. (Ad pericarpia Fagi. *Sabaud*: Huguen: in litt:). Solitaria suberosa gracilis simplex, clavula subulata albido - pulverulenta dein nigricans, stipes longissimus radiciformis.

β Poronia (Cupulæformes marginatæ stipitatæ vel sessiles). Spec: 2. ex Fries.

❋ 8. *Sph: punctata* = Sowerb: fung: t. 54. = Fries l. c. p. 330. = *Sph: Poronia* Spr: l. c. 385. ex Pers: (In fimo præsertim equino per annum. *Sabaud*: Bon-

JEAN in litt: sub *Sph*: *Poronia*). Stipitata turbinata extus nigricans disco truncato albo nigro-punctato.

γ *Pulvinatæ* (Sub-hemisphæricæ immarginatæ sessiles).

1. Hypoxylon.

Velum pulverulentum sub-innatum fugax; perithecia atra; asci lineari-clavati, sporidiis septatis pulveris instar atri erumpentibus.

❀ 9. *Sph*: *globosa* = Fries l. c. p. 331. = Spr: l. c. 384. = Ic: ? (In truncis emortuis *Porto-Rico*. *Sabaud*: BONJEAN in litt:). Solitaria globosa rugosa atra intus suberosa alba, perithecia globosa peripherica atra.

❀ 10. *Sph*: *concentrica* = Bolt: t. 180. = Fries l. c. p. 331. = Spr: l. c. 334. (In truncis arborum frequens *Sabaud*: HUGUEN: et BONJEAN in litt:). Globoso-difformis fusco-nigricans intus stratis concentricis zonata, perithecia oblonga peripherica immersa.

❀ 11. *Sph*: *fragiformis* = Pers: syn: p. 9. t. 1. f. 1. 2. = Fries l. c. p. 332. Spr: l. c. 384. *Lycoperdon variolosum* L. = Sowerb: t. 271. (Ad cortices præsertim fagineos vere-autumn: *Pedem*: similibus locis BELLARD: app: p. 77. CUM: spec: p. 47. In arborum ramis emortuis ALL: n. 2793. sub *Lycoperdone varioloso*. *Sabaud*: HUGUEN: in litt:). Gregaria globosa junior lutescens pruinosa adulta læte miniata intus atro-nitens, perithecia peripherica ovata ostiolis prominulis. Provecta *Fragariam vescam* simulat.

❀ 12. *Sph: fusca* = Pers: ann: bot: t. 2. f. 3. = Fries l. c. p. 332. Spr: l. c. 384. = *Hypoxylon glomeratum* Bull: t. 468. f. 3. (Ad cortices arborum per annum. *Pedem*: supra ramos exsiccatos Coryli Avellanæ ad vineam *Morozzo* Re fl: tor: II. p. 256. Balb: el: p. 7. *Sabaud:* Billet, Huguen: et Bonjean in litt:). Differt a priori forma *depresso-plana*, colore undique *fusco*, peritheciis *globosis*, ostiolis *umbilicatis*.

● 13. *Sph: argillacea* = Fries obs: I. p. 171. t. 2. f. 5. et syst: l. c. p. 333. = Spr: l. c. p. 384. (Ad cortices duriores vere. *Pedem*: similibus locis speciatim *al Casino* March: *Barolo* Re fl: tor: II. p. 256. Balb: el: p. 11.). Sub-globosa argillacea intus fuscescenti-nigra, perithecia demum prominula papillata.

❀ 14. *Sph: cohærens* = Pers: syn: p. 11. = Fries l. c. p. 333. Spr: l. c. 384. = Nees syst: f. 310. (Ad ligna exsiccata duriora præsertim Fagi per annum. *Pedem*: prope *Venariam* supra corticem Coryli Avellanæ Re app: II. p. 214. et fl: tor: II. p. 256. *Sabaud*: Huguen: et Bonjean in litt:). Confluens convexo - plana primo fuscescens dein nigrescens intus nigra, perithecia ut in priori sed minora.

❀ 15. *Sph: multiformis* = Fries l. c. p. 334. et obs: I. t. 1. f. 2. 3. pro planta juniori = Spr: l. c. 384. = *Sph: granulosa* Sowerb: fung: t. 355. *Hypoxylon granulosum* Bull: t. 487. f. 2. pro planta adulta quæ *Sph: rubiformis* Pers: syn: p. 9. (Ad arborum truncos præsertim Betulæ per annum. *Pedem:* in sylvis montanis prov: *Novar*: sæpe vidit Biroli fl: acon: II. p. 242. sub *Hypoxylone granuloso*. Ad truncos aridos Alni glutinosæ in sylvis *della Mandria* et

prope *il Casin* March: Barolo Re fl: tor: II. p. 256. Balb: el: p. 11. ambo sub *Sph: rubiformi*). Ex ætate et loco multimode variat colore, forma et superficie generatim primo rugosa fusco-rubiginosa dein nuda nigra, perithecia sub-globosa demum prominentia papillata.

2. Hypocrea.

Velum nullum; perithecia membranacea; asci tenues sporidiis simplicibus referti (contextus carnosus fibrosus). Spec: 4. ex Fries mihi ignotæ.

δ *Connatæ* (Effusæ indeterminatæ planæ passim simplices).

1. Hypocrea.

Perithecia membranacea emergentia, sporidia simplicia in ascis tenuibus seriata (contextus carnosus fibrosus). Spec: 8. ex Fries.

❀ 16. *Sph: citrina* = Pers: syn: p. 7. = Fries l. c. p. 337. = *Sph: ochracea* var: Spr: l. c. 386. (Ad terram et truncos frequens Jul: - Dec: *Sabaud*: Huguen: in litt:). Carnosa effusa planiuscula citrina, ostiola prominula fuscescentia.

2. Hypoxylon.

Perithecia sub-cornea atra primo velo sub-innato fugaci tecta; sporidia septata atra.

❀ 17. *Sph: rubiginosa* = Pers: syn: p. 11. = Fries l. c. p. 340. Spr: l. c. 385. = Ic:? (In variis lignis

ad terram dejectis. *Sabaud*: Huguen: in litt:). Late effusa tenuis pulverulenta rubiginosa, perithecia prominula.

❋ 18. *Sph*: *serpens* = Pers: syn: p. 20. = Fries l. c. p. 341. Spr: l. c. 389. = Nees syst: f. 317. 318. Michel: gen: t. 55. f. 1. (Ad ligna emortua molliora vere - hyem: *Pedem*: supra corticem Quercus pedunculatæ *Planitiæ* prope ædem *D. Pancratii*. Re fl: tor: II. p. 257. et app: II. p. 215. *Sabaud*: Huguen: in litt:). Forma et magnitudine varia generatim effusa applanata nigra, perithecia sub - globosa prominula papillata.

❋ 19. *Sph*: *confluens* = Tod: meckl: II. p. 19. t. 10. f. 87. = Fries l. c. p. 342. = *Sph*: *fusca* var: Spr: l. c. 384. (In ligno carioso salicino vere - autumn: *Sabaud*: Huguen: in litt: *M. Cenisio* Bonjean in litt:). Superficialis brevis, perithecia sub - globosa rugulosa seriato-confluentia nigra circa ostiola sub-depressa.

❋? 20. *Sph*: *atramentosa* = Fries l. c. p. 344. = Spr: l. c. p. 389. *Sph*: *atramentaria* Cum: spec: p. 45. = Ic:? (Ad asseres vetustos. *Pedem*: supra emortuos Tiliæ truncos et ramos in valle *Pisii* Cum: l. c.). Perithecia conferta hemisphærica lævia sub-astoma e stromate crustaceo tenui inæquabili nigro prominula. Ex descr: Cum: comparata cum descr: Fries huc videtur ejus planta mihi ignota referenda.

Sect: II.

Hypophericæ.

» *Perithecia* verticalia immersa stromate tecta in
» collum attenuata (*erumpentes liberatæ*). »

α *Globosæ* (Determinatæ a matrice discretæ; perithecia immersa ampla).

❀ 21. *Sph: deusta* = Hoffm: crypt: I. p. 3. t. 1. f. 2. = Fries l. c. p. 345. Spr: l. c. 385. = *Hypoxylon ustulatum* Bull: t. 487. f. 1. (Ad truncos vetustos carie consumptos vere - autumn: *Pedem*: similibus locis in *Venariæ* sylvis Re app: II. p. 215. et fl: tor: II. p. 257. In valle *Siccida* Biroli fl: acon: II. p. 242. sub *Hypoxylone ustulato*. Balb: misc: bot: p. 53. sub eod: In valle *Pisii* ad caudices et caveas Fagorum vetustarum crustas amplas constituit ita ut primo intuitu alicujus quadrupedis exsiccatum stercus repræsentet Cum: spec: p. 52. sub eod: *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Valde effusa crassiuscula undulato-rugosa cinereo-albida pulverulenta dein durior nuda fuscescenti-nigra demum deusta fragillima, perithecia ovata magna sporidiis fusiformibus. Huc pertinere videtur *Sph: lycoperdioides* Bell: app: p. 77.

❀ 22. *Sph: nummularia* = DC. fl: fr: II. p. 290. = Fries l. c. p. 348. Spr: l. c. 385. = Sub *Hypoxylone* Bull: t. 468. f. 4. (Ad ligna et cortices ar-

borum præsertim Amentacearum. *Sabaud:* Huguen: et Bonjean in litt:). Planissima contigua dura lævis atra, perithecia immersa ovata ostiolis globosis prominulis.

ß *Lignosæ* (Determinatæ cum matrice connatæ basi linea nigra circumscriptæ, perithecia demersa stipata).

❀ 23. *Sph: bullata* = Ehrh: exs: n. 199. = Fries l. c. p. 349. Spr: l. c. 386. = Hoffm: veg: crypt: I. p. 5. t. 2. f. 3. (Ad ramos præsertim Salicum et Corylorum vere. *Pedem:* iisdem locis in H. magno *Valentini* Balb: misc: alt: p. 38. et fl: taur: p. 195. Re fl: tor: II. p. 258. *Sabaud:* Huguen: et Bonjean in litt:). Irregularis sæpius ovalis vel reniformis erumpens atra intus candida, perithecia globosa stromate albo tenaci tecta.

❀ 24. *Sph: stigma* = Hoffm: veg: crypt: I. p. 7. t. 2. f. 1. = Fries l. c. p. 350. = Spr: l. c. 388. (Ad cortices varios frequens. *Sabaud:* Huguen: et Bonjean in litt:). Effusa applanata lævis demum nigra, ostiola sub-immersa planiuscula.

❀ 25. *Sph: undulata* = Pers: syn: p. 21. = Fries l. c. p. 350. Spr: l. c. 386. = Ic:? (Ad ramos varios perenn: *Sabaud:* Huguen: et Bonjean in litt:). Effusa interrupta undulata atra intus alba ostiolis sub-rotundis prominulis.

❀ 26. *Sph: disciformis* = Hoffm: veg: crypt: I. p. 15. t. 4. f. 1. = Fries l. c. p. 353. = Spr: l. c. 386. (Ad corticem ramorum præsertim Fagi per annum. *Pedem:* prope *Venariam* supra ramos Salicum exsic-

catos Re fl: tor: II. p. 258. Etiam prope *Segus*: supra corticem Mori albæ et in præruptis *Garexii* ascendendo montem *Gallé* Re app: II. p. 215. *Sabaud*: Billet, Huguen: et Bonjean in litt:). Orbicularis plana lævis nigrescens intus alba, perithecia in collum tenue attenuata ostiolis punctiformibus.

❋ 27. *Sph: verrucæformis* = Ehrh: exs: n. 280. = Fries l. c. p. 355. Spr: l. c. 386. = Pers: syn: t. 1. f. 5. 6. 7. (Ad ramos exsiccatos ubique autumn: - vere. *Pedem*: iisdem locis, speciatim ad corticem Coryli Avellanæ in vinea *Morozzo* Re fl: tor: II. p. 258. Balb: el: p. 7.). Prominens angulata rugosa nigra laciniis epidermidis stellatim fissis cincta, perithecia ovata collo brevi ostiolis sub-latentibus.

❋ 28. *Sph*: *flavo-virens* = Hoffm: veg: crypt: I. p. 10. t. 2. f. 4. = Fries l. c. p. 357. = Spr: l. c. 389. (Ad ramos emortuos arborum fere omnium præsertim e Rosacearum familia toto anno. *Pedem*: similibus locis in *Venariæ* sylvis Re app: II. p. 215. et fl: tor: II. p. 257. *Sabaud:* Huguen: et Bonjean in litt:). Irregularis nunc brevis interrupta nunc orbicularis planiuscula nunc latissime confluens nigra intus pulverulenta flavo-virens, perithecia globosa minora quam in præcedentibus ostiolis prominulis punctiformibus.

❋ 29. *Sph*: *uda* = Pers: syn: p. 53. t. 1. f. 11. 13. = Fries l. c. p. 358. = Spr: l. c. 389. (Ad ligna arida locis udis dejecta perenn: *Sabaud:* Huguen: in litt:). Brevis determinata emergens atra, perithecia sub-ovata ostiolis obtusis inæqualibus.

γ *Versatiles* (Determinatæ connatæ nulla linea circumscriptæ; perithecia sparsa).

❀ 30. *Sph: scabrosa* = DC. fl: fr: n. 769. = Fries l. c. p. 360. *Sph: podoides* Spr: l. c. 389. ex Pers: = *Hypoxylon scabrosum* Bull: t. 468. f. 5. (Ad truncos præsertim quercinos. *Pedem:* supra Coryli Avellanæ putridos truncos in sylvis *della Mandria* Re fl: tor: II. p. 264. *Sabaud:* Huguen: in litt:). Emergenti-superficialis late effusa nigricans sub-rotundo-tuberculosa, perithecia in tuberculis globosa minuta.

❀ 31. *Sph: sordida* = Pers: syn: p. 25. = Fries l. c. p. 361. Spr: l. c. 386. = Ic:? (Ad ramos præsertim fraxineos rara. *Sabaud:* Huguen: in litt:). Erumpens sub-rotunda rugosa sordide nigra molliuscula disco depresso ostiolis latentibus.

❀ 32. *Sph: quercina* = Pers: syn: p. 24. t. 1. f. 7. b. = Fries l. c. p. 362. = Spr: l. c. 389. (In ramis quercinis passim. *Sabaud:* Huguen: et Bonjean in litt:). Erumpens sub-orbicularis convexa nigrescens ostiolis prominulis tetragonis.

❀ 33. *Sph: ferruginea* = Pers: obs: myc: I. p. 66. t. 5. f. 1. 2. = Fries l. c. p. 363. (Ad truncos mortuos variarum arborum per annum. *Sabaud:* Huguen: et Bonjean in litt:). Transversim erumpens sub-rotunda inæqualis nigra stromate pulverulento ferrugineo, ostiola aggregata teretia spinulosa.

❀ 34. *Sph: ceratosperma* = Tod: Meckl: II. p. 53. t. 17. f. 131. = Fries l. c. p. 364. = Spr: l. c. 390. (Ad ramos præsertim Rosarum vere-autumn: *Pedem:*

Venariæ in cortice Rosæ caninæ Re app: II. p. 215. et fl: tor: II. p. 258. excl: syn: Bull:). Sub-rotunda convexa extus nigra intus albido-fuscescens, perithecia globosa irregulariter immersa collis longis ostiolis spinulosis confertis rectis scabris. Huc referenda sec: Steud: et Fries *Sph: podoidea* Pers: a Balb: enumerata in el: p. 7. Cl: Spr: illam habet pro stirpe distincta ostiolis *vix prominulis conicis.*

❋ 35. *Sph: Hystrix* = Tod: Meckl: II. p. 53. t. 16. f. 131. = Fries l. c. p. 364. = Spr: l. c. 390. (In ramis deciduis præsertim Aceris rara autumn: *Pedem*: in valle *Pisii* ad ramos Coryli et Fagi Cum: spec: p. 46. ex Gmel:). Transversim erumpens depressa ovalis planiuscula nigra, perithecia globosa leviter immersa collis brevibus rostellis longissimis subdivergentibus superne sub-incrassatis.

❋ 36. *Sph: insitiva* = Tod: Meckl: II. p. 36. t. 13. f. 108. = Fries l. c. p. 366. = Spr: l. c. 389. (In rimis sarmentorum Vitis vere. *Sabaud*: Huguen: in litt:). Longitudinaliter immersa elongata alba stromate fuscescente, ostiola prominula sub-globosa nigra.

❋ 37. *Sph: spinosa* = Pers: syn: p. 34. t. 2. f. 9. = Fries l. c. p. 368. = Spr: l. c. 390. (Ad ligna putrescentia varia per annum. *Sabaud*: Huguen: et Bonjean in litt:). Latissime effusa emergens aterrima ostiolis spinosis crassis tetragonis sub-latis.

δ *Concrescentes* (Effusæ indeterminatæ connatæ haud circumscriptæ).

❀ 38. *Sph: lata* = Pers: syn: p. 29. = Fries l. c. p. 369. Spr: l. c. 388. = *Sph: papillata* Hoffm: veg: crypt: I. p. 19. t. 4. f. 3. (Ad ramos et ligna arida per annum. *Pedem*: iisdem locis in sylvis *della Mandria* Re fl: tor: II. p. 258. et app: II. p. 215.). Late effusa emergens contigua inæquabilis, perithecia conferta ligno immersa ostiolis prominulis conicis.

❀ 39. *Sph: milliaria* = Fries l. c. p. 370. = Ic:? (In ligno vetusto pineo, fagineo frequens perenn: *Sabaud*: Huguen: in litt:). Late effusa emergens ligno elevato immutato tecta cinerea, perithecia globosa conferta ostiolis sub-globosis nigris.

❀ 40. *Sph: decipiens* = DC. fl: fr: II. p. 285. = Fries l. c. p. 371. = Ic:? (In cortice truncorum Carpini. *Sabaud*: Huguen: in litt:). Innata effusa, perithecia ovato - oblonga cortice cinereo - nigrescente tecta, ostiola hemisphærica excavata rugosa. Omissa a Spr:

❀ 41. *Sph: fimeti* = Pers: syn: p. 64. = Fries l. c. p. 373. Spr: l. c. 390. = Ic:? (In fimo vaccino, equino etc. ubique autumn:-hyem: *Sabaud*: Huguen: in litt:). Late effusa crustacea immersa nigra, perithecia oblonga, ostiola elongata conica emergentia.

Sect: III.

Amphiphericæ.

» *Perithecia* convergentia circinantia stromate spu-
» rio undique pustulato cincta in collum attenuata
» (*cortici immersæ*). »

α *Circumscriptæ* (Perithecia in conceptaculo integro ab epidermide discreto collecta).

❀ 42. *Sph: Prunastri* = Pers: syn: p. 37. = Fries l. c. p. 380. Spr: l. c. 393. = Ic: ? (Ad ramos exsiccatos Prunorum. *Sabaud:* Huguen: et Bonjean in litt:). Lentiformis stromate corticali, ostiola elongata conferta polygona sulcata sub-divergentia.

❀ 43. *Sph: Sorbi* = Schmidt: myc: heft: p. 59. = Fries l. c. p. 380. Spr: l. c. 393. = Ic: ? (In ramis exsiccatis Sorbi per annum. *Sabaud:* Huguen: in litt:). Sub - rotunda pulvinata, perithecia stromate albido tecta, ostiola stipitata longa sulcato - angulata sub - convergentia.

❀ 44. *Sph: stellulata* = Fries l. c. = Spr: l. c. = Ic: ? (Ad ramos siccos Ulmi autumn: - vere. *Sabaud:* Huguen: in litt:). Vix differt a priori præsertim ostiolis ovato-globosis *brevibus radiato-stellatis.*

❀ 45. *Sph: anomia* = Fries l. c. 381. = Spr: l. c. 390. = Ic: ? (In ramis Robiniæ Pseudo-acaciæ. *Sabaud:* Bonjean in litt:). Convexo-difformis libera rugosa stromate ligneo cinereo-nigricante, ostiola exserta distantia magna lævia.

❀ 46. *Sph: corniculata* = Ehrh: crypt: exs: n. 300. = Fries l. c. p. 384. Spr: l. c. 395. = Nees syst: p. 302. f. 330. (In ramis tenuioribus exsiccatis præsertim Salicum. *Pedem:* similibus locis prope *Lucengo* Re fl: tor: II. p. 259. et app: II. p. 216. *Sabaud:* Huguen: in litt:). Innata sub - lenticularis stromate albo conceptaculo nigro tecto, perithecia decumbentia ostiolis confertis sub-cylindricis distinctis lævibus.

❀ 47. *Sph: Carpini* = Fries l. c. p. 384. = *Sph: Betuli* Spr: l. c. 395. ex Pers: = Ic:? (Ad ramos siccos præsertim Carpini Betuli. *Sabaud:* Huguen: in litt: *M. Cenisio* Bonjean in litt: ambo sub *Sph: Betuli*). Innata stromate corticali pallido linea circumscripto ostiolis confertis globosis lævibus sub - papillatis.

❀ 48. *Sph: fibrosa* = Pers: syn: p. 40. t. 2. f. 3. = Fries l. c. p. 384. = Spr: l. c. 394. (In cortice fibroso Prunorum. *Sabaud:* Huguen: in litt:). Innata conico-depressa stromate fibroso circumscripto, ostiola conferta sub-rotunda lævia nitida.

β *Incusæ* (Perithecia in conceptaculo dimidiato et superne epidermide adnata inclusa, disco erumpente).

❀ 49. *Sph: nivea* = Hoffm: veg: crypt: I. p. 26. t. 6. f. 3. = Fries l. c. p. 386. = Spr: l. c. 392. (Ad cortices varios per annum. *Sabaud:* Huguen: in litt:). Conica stromate albo in conceptaculo arcte incuso disco truncato farinaceo niveo ostiolis sub-prominulis globosis lævibus.

❀ 50. *Sph: leucostoma* = Pers: syn: p. 39. = Fries l. c. p. 387. Spr: l. c. 392. = *Sph: marginata* Sowerb: fung: t. 372. f. 9. Tod: Meckl: p. 24. f. 8. var: *polypora* (Ad corticem Prunorum per annum. *Pedem*: similibus locis circa *Venariam* Re app: II. p. 216. et fl: tor: II. p. 259.). Sub - conica stromate corticali arcte incluso disco truncato albo poris nigrescentibus perforato. Var: *polypora* differt poris numerosioribus sparsis sub-exsertis.

❀ 51. *Sph: Kuntzei* = Fries l. c. 388. = Spr: l. c. 392. = Ic: ? (In cortice Pini Piceæ. *Sabaud*: Bonjean in litt:). Conica stromate luteo pallido arcte incuso disco ceraceo sordido primo poro pertuso dein ostiolis minimis atris umbilicatis.

❀ 52. *Sph: scutellata* = Pers: syn: p. 87. = Fries l. c. p. 390. Spr: l. c. 394. = Nees syst: p. 303. f. 333. (Ad ramos acerinos, alneos aliosque autumn: *Sabaud*: Huguen: in litt:). Orbicularis atra, perithecia vasculosa conferta conceptaculo scutelliformi imposita ostiolis acutis erumpentibus.

❀ 53. *Sph: Radula* = Pers: syn: p. 37. = Spr: l. c. 393. *Sph: taleola* var: *ß Radula* Fries l. c. p. 392. = Ic: ? (Ad ramos quercinos præsertim. *Pedem*: communis ad ramos Salicum exsiccatos prope *la Mandria* Re app: II. p. 216. et fl: tor: II. p. 259.). Subrotunda vel elliptica depressa, stroma et discus prorumpens pallidi ostiolis rostellatis sub-teretibus inæqualibus scabris. *Sph: taleola* Fries amandatur a Spr: ad *Sph: melastoma* ejusdem Auctoris, quam non vidi.

γ *Obvallatæ* (Perithecia absque conceptaculo proprio in pustula corticali ostiolaque in discum collecta. *Cortici interiori immersæ*).

❋ 54. *Sph: ciliata* = Pers: obs: myc: II. p. 67. t. 5. f. 3. = Fries l. c. p. 394. = Spr: l. c. 394. (Ad cortices arborum præsertim Ulmi hyeme-vere. *Sabaud*: Huguen: in litt:). Pustulata, perithecia ovata convergentia, ostiola sub-setacea acuta divaricata subflaccida.

❋ 55. *Sph: decorticans* = Fries l. c. p. 396. = Ic:? (In ramis exsiccatis præsertim Fagi hyeme-vere. *Sabaud*: Huguen: in litt:). Pustulata, perithecia subdifformia aggregata, ostiola minuta conferta globosa umbilicata. Omissa a Spr:

❋ 56. *Sph: Pini* = Alb: et Schw: p. 20. t. 8. f. 1. = Fries l. c. p. 397. = Spr: l. c. 393. (In cortice Pini sylvestris per annum. *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Pustulata, perithecia ovata exigua stromate flavido tecta, ostiola exserta subglobosa obtusa lævia in discum planum stipata.

❋ 57. *Sph: coronata* = Hoffm: veg: crypt: I. p. 26. t. 5. f. 2. = Fries l. c. p. 395. = Spr: l. c. 393. (In ramis exsiccatis plurium arborum. *Pedem*: in valle *Pisii* supra Fagorum vetustarum caudices et ramos stratos gregaria occurrit frequentissime Cum: sp: p. 46. *Sabaud*: Huguen: in litt:). Perithecia numerosa decumbentia sub-globosa sæpius deformia circinnantia, ostiola coronæ instar imposita primo globosa dein spinulosa clavata vel cylindrica.

❋ 58. *Sph: turgida* = Pers: obs: myc: I. p. 17. = Fries l. c. p. 400. = Ic:? (Ad ramos Fagi et Alni autumn: - vere. *Sabaud*: Huguen: in litt:). Pustulata, perithecia globosa erectiuscula conferta, ostiola in disco minuto coarctato demum exserta convexa obtusa. Huc pertinet *Sph: faginea* Pers:, quam habeo sub hoc nomine a Bonjean e *Sabaud*:

❋ 59. *Sph: salicina* = Pers: syn: p. 47. = Fries l. c. p. 401. Spr: l. c. 395. = *Sph: cancellata* Tod: Meckl: II. p. 34. f. 107. (In ramis præsertim salicinis vulgatissima. *Sabaud*: Huguen: et Bonjean in litt:). Pustulata, perithecia globosa disco albescente poro pertuso, ostiola globosa minima sero exserta.

❋ 60. *Sph: ambiens* = Pers: syn: p. 44. = Fries l. c. p. 403. = *Sph: calvula* Walh: lapp: p. 519. t. 30. f. 4. (In arboribus frondosis. *Sabaud*: Huguen: in litt:). Perithecia immersa circinantia ostiolis subglobosis lævibus discum ceraceum albidum cingentibus.

❋ 61. *Sph: hypodermia* = Fries l. c. p. 407. = Spr: l. c. 394. = Ic:? (In ramulis emortuis præsertim Ulmi. *Pedem*: prope *Venariam* supra Evonymi europæi ramos Re app: III. p. 19.). Perithecia perpusilla distincta globosa crustula nigra tecta, ostiola sub-globosa nitida in discum tuberculosum nigrum conferta.

❋ 62. *Sph: pulchella* = Pers: syn: p. 43. = Fries l. c. p. 406. Spr: l. c. 394. = Nees syst: p. 305. f. 333. (Sub cortice arborum præsertim Betulæ, Pruni etc. per annum. *Sabaud*: similibus locis Huguen:, Bonjean et Billet in litt:). Perithecia majora quam in præcedenti globosa decumbentia, ostiola longissima flexuosa obtusa.

❋ 63. *Sph: convergens* = Tod: Meckl: II. p. 39. f. 111. = Fries l. c. p. 410. = Spr: l. c. 395. (In cortice lævigato rara. *Sabaud:* Huguen: in litt:). Minuta, perithecia sub - sena ovata convergentia teretia sub - attenuata ostiolis apice perforatis.

Sect: IV.

Epiphericæ.

» *Perithecia* horizontalia supra stroma (spurium » sæpius) nuda collocata sed primo a matrice tecta, » collo nullo (*sub-innatæ epidermide tectæ*). »

α *Cæspitosæ* (Perithecia cæspitosa superficialia supra stroma sub-innatum erumpens collocata).

❋ 64. *Sph: cinnabarina* = Tod: Meckl: II. p. 9. f. 68. = Fries l. c. p. 412. = Spr: l. c. 395. (In ramis arborum frondosarum frequens hyeme - vere. *Sabaud:* Bonjean in litt:). Cæspitosa, perithecia globosa corrugata cinnabarina decolorantia, ostiolum papillæforme.

❋ 65. *Sph: coccinea* = Pers: syn: p. 49. ic: et descr: t. 12. f. 2. = Fries l. c. p. 412. = Spr: l. c. 395. *Sph: Mori* quorund: (In cortice arborum variarum. *Pedem:* similibus locis Balb: el: p. 7. *Sabaud:* Bonjean in litt:). Perithecia tenuia ovata lævia plus minus intense rubra ostiolo papillæformi.

❋ 66. *Sph: Laburni* = Pers: syn: p. 50. = Fries l. c. p. 413. Spr: l. c. 395. = Nees syst: f. 325.

(In ramis emortuis Cytisi Laburni hyem:-vere. *Sabaud*: Huguen: et Bonjean in litt:). Cæspitosa stromate sub-compacto, perithecia globosa rugulosa nigra ostiolo papillæformi.

❀ 67. *Sph: Ribis* = Tod: Meckl: II. p. 31. f. 103. = Fries l. c. p. 413. = Spr: l. c. 395. (In ramis Ribis rubri hyem: - vere. *Sabaud:* Bonjean in litt:). Cæspitosa stromate compacto, perithecia sub-globosa lævia fusco-purpurescentia ostiolo papillæformi.

❀ 68. *Sph: Berberidis* = Pers: syn: p. 52. ic: et descr: t. 2. f. 3. 5. = Fries l. c. p. 415. = Spr: l. c. 396. (In ramis Berberidis emortuis frequentissima. Ipse vidi in H. Ripul: *Sabaud*: Huguen: et Bonjean in litt:). Perithecia globosa astoma primo rubra lævia mox rufo-fusca demum rimoso-rugosa nigra. Cæspites magnitudine varii sæpius elongati.

❀ 69. *Sph: cupularis* = Pers: syn: p. 53. t. 1. f. 9. 10. = Fries l. c. p. 416. = Spr: l. c. 397. (Ad arbores varias. *Pedem*: primum detecta a Berter: prope vineam *Reginæ* ad Ulmi truncum cæsum cortice denudatum Re fl: tor: II. p. 259. *Sabaud:* Huguen: in litt:). Irregulariter cæspitosa, perithecia globosa minuta rugulosa astoma nigra collabendo cupuliformia.

β Confluentes (Perithecia primo immerso-innata demum emersa confluentia).

❀ 70. *Sph: melogramma* = Pers: syn: p. 13. = Fries l. c. p. 420. Spr: l. c. 397. = Sub *Variolaria* Bull: t. 492. f. 1. (Ad ramos languescentes præsertim Fagi sylvaticæ. *Pedem*: hyeme supra corticem Car-

pinis Betuli Balb: misc: alt: p. 38. Re fl: tor: II. p. 257. *Sabaud*: Bonjean in litt:). Sub-rotunda obconica nigrescens, perithecia sub-prominula.

❀ 71. *Sph*: *elongata* = Fries l. c. p. 422. = Spr: l. c. 396. = Ic: ? (Ad ramos emortuos præsertim Robiniæ Pseudo-acaciæ. *Sabaud*: Huguen: et Bonjean in litt:). Nigra stromate longissimo effuso, perithecia immersa dein erumpentia sub-cæspitosa globosa circa ostiolum papillæforme depressa.

❀ 72. *Sph*: *fuliginosa* = Pers: obs: II. p. 68. = Fries l. c. p. 423. Spr: l. c. 397. = Ic: ? (Ad ramos salicinos nec alibi vere. *Pedem*: similibus locis circa *Venariam* Re app: II. p. 216. et fl: tor: II. p. 259. *Sabaud*: Huguen: in litt:). Sub-effusa erumpenti-innata, perithecia globosa inæqualia nunc libera nunc confluentia farcta astoma fuliginoso-nigra.

❀ 73. *Sph*: *Dothidea* = Fries l. c. p. 423. = Ic: ? (In ramulis dejectis Fraxini. *Sabaud*: Huguen: et Bonjean in litt:). Sub-rotunda erumpenti-innata stromate pallide fusco, perithecia globosa sub-immersa albo-farcta. Omissa a Spr:

❀ 74. *Sph*: *protracta* = Pers: syn: p. 34. = Fries l. c. p. 425. Spr: l. c. 396. = Nees syst: p. 297. f. 322. (Ad ramos præsertim Populorum et Acerum. *Pedem*: circa casas *Monasteri* in valle *Lancei* supra corticem Pruni Cerasi Re app: II. p. 216.). Atra stromate tenuissimo, perithecia sub-globosa exigua papillata, in seriem linearem per paria confluentia ostiolis brevissimis obtusis sub-rugoso-angulatis.

γ *Seriatæ* (Perithecia in series paralellas disposita. Omnes immerso-innatæ in caulibus herbarum emortuarum vel languescentium, peritheciis minimis epidermide secedente vel rupta nudis).

❀ 75. *Sph: Junci* = Fries l. c. p. 428. = Spr: l. c. 391. = Ic: ? (In culmis exsiccatis Juncorum. *Sabaud:* Bonjean in litt:). Tecta dein rimoso-erumpens sub-rotunda tuberculosa, perithecia nigro-farcta stromate nigricante primo immersa.

❀ 76. *Sph: nebulosa* = Pers: syn: p. 31. = Fries l. c. p. 430. Spr: l. c. 390. = Nees syst: p. 308. f. 341. (Ad caules præsertim Umbelliferarum. *Sabaud:* Huguen: in litt:). Tecta, perithecia minima gregaria maculas griseas efformantia, ostiola prominula sub-acuta.

❀ 77. *Sph: picea* = Pers: syn: p. 31. = Ic: et descr: II. p. 40. t. 10. f. 7. 8. = Fries l. c. p. 431. Spr: l. c. 390. (Ad caules aridos firmiores vere. *Pedem:* prope *Venariam* supra caules aridos Angelicæ sylvestris Re app: II. p. 216. et fl: tor: II. p. 258.). Elongata inæqualis picea vel nigra, perithecia sparsa epidermide connata tecta demum pertusa.

δ *Confertæ* (Perithecia aggregata foliis innata. Omnes sub-simplices sub epidermide foliorum emortuorum vel languescentium nidulantes).

❀ 78. *Sph: graminis* = Pers: obs: I. p. 18. t. 1. f. 1. 2. = Fries l. c. p. 434. = Spr: l. c. 391. (In

foliis gramineis ubique). Tecta inæqualis rugulosa prominula nigra peritheciis sub - seriatis ostiolisque latentibus.

❋ 79. *Sph: Caricis* = Fries l. c. p. 435. = *Sph: graminis* var: Spr: l. c. 391. = Ic: ? (Ad folia Caricum vere. In *M. Cenisio* Bonjean in litt:). Tecta inæquabilis confluens nigra ex peritheciis prominentibus astomis tuberculosa.

❋ 80. *Sph: Trifolii* = Pers: syn: p. 30. = Fries l. c. p. 435. Spr: l. c. 391. = Ic: ? (In foliis Trifoliorum. *Sabaud*: Huguen: in litt:). Tecta sub-rotunda prominula tuberculosa atra peritheciis in stromate pulverulento immersis.

❋ 81. *Sph: Coryli* = Batsch: cent: II. f. 231. = Fries l. c. p. 436. = Spr: l. c. 394. (In foliis Coryli æstat: - vere. *Sabaud*: Huguen: in litt:). Tecta, perithecia distincta in circulum disposita, ostiola erumpentia spinulosa basi fimbria albicante cincta.

❋ 82. *Sph: allicina* = Fries l. c. p. 437. = Ic: ? (In foliis Allii. *Sabaud*: Bonjean in litt:). Tecta, perithecia globosa conferta sub-papillata nitida utrinque in macula crustæformi cinerea prominula.

❋ 83. *Sph: fimbriata* = Pers: syn: p. 36. = Fries l. c. p. 436. Spr: l. c. 394. = *Sph: spiculosa* Batsch: cent: I. p. 273. f. 182. (In foliis Carpini Betuli vulgaris. *Sabaud*: Bonjean in litt:). Tecta, perithecia conferta in tuberculum nigrum confluentia, ostiola erumpentia spinulosa basi fimbria albicante cincta.

❋ 84. *Sph: ceuthocarpa* = Fries l. c. p. 439. = *Xyloma populinum* Pers: syn: p. 107. = Chantr: conf: n. 39. t. 17. f. 39. non Schum: (In foliis exsiccatis

Populi hyeme - vere. *Pedem:* similibus locis Balb: el: p. 9. sub *X. populino* ex DC. *Sabaud:* Huguen: in litt:). Applanata angulata opaca nigra in macula expallente sparsa, perithecia sub - solitaria latentia. *X. populinum* Schum: pertinet ad *Dothideam betulinam* Fries.

❋ 85. *Sph: bifrons* = Schm: et Kuntz: = Fries l. c. p. 438. = Sub *Xylomate* DC. mem: mus: p. 322. t. c. f. 11. (In foliis exsiccatis quercinis hyem: *Sabaud:* Huguen: et Bonjean in litt:). Innata orbiculatim disposita applanata nigra demum circumscissa, apothecia convexa prominula demum umbilicata.

II. Simplices.

Sect: V.

Superficiales.

» *Perithecia* bicorticata supra stroma effusum vil-
» losum vel muticum plane superficialia libera primo
» velata. »

α *Byssisedæ* (Perithecia per se glabra insidentia subiculo tomentoso, omnes in corporibus mucedine corruptis).

❋ 86. *Sph: aurantia* = Pers: syn: p. 68. = Ic: et descr: II. t. 11. f. 4. 5. = Fries l. c. p. 440. *Sph: aurantiaca* Spr: l. c. 387. (Ad ligna mucida, fungos suberosos putrescentes etc. ubique). Perithecia gre-

garia sub-rotunda papillata aurantio-rubra, subiculum irregulariter effusum e tomento delicato contextum primo sterile pallide aurantiacum demum sub-ferrugineum.

❋ 87. *Sph: byssiseda* = Tod: Meckl: II. p. 10. t. 9. f. 69. = Fries l. c. p. 442. = Spr: l. c. 387. (Ad ramos corruptos præsertim salicinos. *Pedem*: reperta secus rivulum excurrentem prope vineam *Roccabigliera* Balb: misc: alt: p. 39. In valle *Sessitis* Biroli fl: acon: II. p. 242. ambo sub *Hypox*: *globulari?* Balb: el: p. 7. sub *Sph*: *byssiseda*. Re fl: tor: II. p. 261. sub ead: *Sabaud*: Bonjean in litt:). Perithecia sparsa depresso-globosa papillata cinerea, subiculum interruptum breve e fibris late contextum griseo-fuscum. Pro planta Balb: misc: et Biroli cf: *Sph*: *mammæformem* n. 99.

❋ 88. *Sph*: *tristis* = Tod: Meckl: II. p. 9. t. 9. f. 67. = Fries l. c. p. 444. = Spr: l. c. 388. (Ad cortices fagineos aliosque vere. *Sabaud:* Huguen: in litt:). Perithecia conferta globosa rugulosa collapsa astoma nigra subiculo strigoso insidentia.

β Villosæ (Perithecia villo persistente tecta. In vegetabilibus emortuis perennibus, raro terrestres).

❋ 89. *Sph*: *ovina* = Pers: syn: p. 71. = Fries l. c. p. 446. Spr: l. c. 399. = *Sph*: *mucida α β* Tod: Meckl: II. p. 16. *Sph: lichenoides* Sowerb: fung: t. 373. f. 12. (Ad truncos putridos. *Pedem*: similibus locis Balb: el: p. 11.). Perithecia sub-globosa villo mucido albido tecta basi nuda, ostiolum papillatum nigricans.

❀ 90. *Sph: biformis* = Pers: syn: p. 56. t. 2. f. 14. = Fries l. c. p. 448. = Spr: l. c. 398. (Ad ligna putrida et in terra. *Sabaud*: Huguen: in litt:). Sparsa vel aggregata, perithecia sub-ovata sub-tuberculosa nigra strigoso-pilosa ostiolo sub-elongato.

❀ 91. *Sph: strigosa* = Alb: et Schw: p. 37. t. 5. f. 7. = Fries l. c. = Spr: l. c. 400. (Ad ligna pinea autumn: *Sabaud*: Bonjean in litt:). Perithecia aggregata globosa vel ovata papillata nigra pilis rigidis incanis undique strigosa.

❀ 92. *Sph: Racodium* = Pers: syn: p. 74. = Fries l. c. p. 449. Spr: l. c. 388. = Ic:? (In lignis et corticibus præsertim fagineis autumn:-vere. *Pedem*: speciatim prope *il Casin* March: Barolo Bale: el: p. 11. Re fl: tor: II. p. 261.). Perithecia sub-globosa rugulosa hirta nigra papillata e subiculo tomentoso lato nigro emergentia. Huc pertinet *Sph: hirsuta* Pers: syn: p. 73. quæ crescit etiam in *Sabaud*: sec: Billet et Huguen: in litt:

❀ 93. *Sph: pilosa* = Pers: ic: et descr: II. t. 10. f. 9. 10. = Fries l. c. p. 450. = Spr: l. c. 400. (Ad ligna et ramos exsiccatos autumn:-vere. *Sabaud*: Huguen: in litt:). Atra, perithecia minuta rotundato-ovata læviuscula pilosa ostiolo simplici.

❀ 94. *Sph: hispida* = Tod: Meckl: II. p. 17. f. 84. = Fries l. c. p. 450. = Spr: l. c. 400. (In ramis exsiccatis dejectis. *Pedem*: in ramulis Mori albæ *Venariæ* Re app: II. p. 217. et fl: tor: II. p. 262. *Sabaud*: Huguen: in litt:). Perithecia ovato-conica lævia atra cum ostiolo confluentia pilis brevibus remotiusculis adspersa.

γ *Denudatæ* (Subiculum nullum. Perithecia glabra basi rotundata sub-libera, ostiolo persistente. Lignatiles).

❋ 95. *Sph*: *Pezizæ* = Tod: Meckl: II. p. 46. f. 122. = Fries l. c. p. 452. = Spr: l. c. 400. (Ad ligna e mucedine mollissima. *Pedem*: similibus locis præsertim prope *il Casin* March: Barolo Balb: el: p. 11. Re fl: tor: II. p. 261. *Sabaud:* Bonjean in litt:). Gregaria mollis basi sub-pilosa, perithecia globosa lævia subpapillata aurantio-rubella collabescendo concava.

❋ 96. *Sph*: *sanguinea* = Sibth: ox: p. 404. = Fries l. c. p. 453. Spr: l. c. 400. = *Hypoxylon phœniceum* Bull: t. 487. f. 3. (Ad ligna denudata passim vere. *Pedem*: in valle *Pisii* supra Avellanæ ramulos Cum: spec: p. 52. excl: ic: Bull: Ad pontem ligneum (jam) *Ticino* impositum dictum *di Buffalora* unice observavit Biroli fl: acon: II. p. 242. ambo sub *Hypoxylone phœniceo*. *Sabaud*: Bonjean in litt:). Valde pusilla sparsa mollis, perithecia ovata lævia papillata sanguinea. Planta Cum: nomine et descriptione quadrat cum *Hypoxylone phœniceo* Bull:, sed ico ab ipso citata pertinet ad *H. coccineum* certissime diversum.

❋ 97. *Sph*: *episphæria* = Tod: Meckl: II. p. 21. f. 89. = Fries l. c. p. 454. = Spr: l. c. 398. (In Sphæria stigmate parasitica. *Sabaud*: Bonjean in litt:). Gregaria mollis minuta sanguinea, perithecia sub-compressa collabescentia papilla convexo-oblonga.

❋ 98. *Sph*: *pomiformis* = Pers: syn: p. 65. = Ic: pict: t. 3. f. 4. 5. = Fries l. c. p. 455. Spr: l. c. 400.

(Ad ligna sicca perennis. *Pedem*: ad sepes prope vineam *Reginæ* et ad fruticum ramos emortuos dejectos Re fl: tor: II. p. 260. *Sabaud*: Huguen: in litt:). Subconferta minor atra, perithecia pomiformia rigidula lævia circa ostiolum papillæforme impressa. Variat peritheciis rugulosis, substantia molliori (var: *ß rugulosa*); hanc legit Re l. c. et app: II. p. 217. prope *Venariam* supra ramos putrescentes Mespili monogynæ.

❋ 99. *Sph*: *mammæformis* = Pers: syn: p. 64. = Ic: pict: t. 5. f. 6. 7. = Fries l. c. p. 455. Spr: l. c. 401. *Hypoxylon globulare* Bull: t. 487. f. 2. (Ad ligna putrescentia rara. *Pedem*: circa *Venariam* supra ramos exsiccatos Juglandis Regiæ Re app: II. p. 217. et fl: tor: II. p. 260. *Sabaud*: Bonjean in litt:). Differt a priori statura triplo majori, peritheciis sub-membranaceis. Huc forsan pertinet ex syn: Bull: planta Balb: et Biroli supra dubitanter relata ad *Sph*: *byssisedam* n. 87. Notandum tamen, ic: Bull: a Fries et Duby ad *Sph*: *mammæformem* citatam, nomen *Hypoxylonis granulosi* non *globularis* exhibere.

❋ 100. *Sph*: *Bombarda* = Batsch: cent: I. p. 271. f. 181. = Fries l. c. p. 456. = Spr: l. c. 401. (Ad truncos putrescentes hyeme-vere. *Sabaud*: Huguen: in litt:). Fasciculata nigro-fusca, perithecia elongata ventricosa mollia ostiolo papillæformi nigro.

❋ 101. *Sph*: *spermoides* = Hoffm: veg: crypt: II. p. 12. t. 3. f. 3. = Fries l. c. p. 457. = Spr: l. c. 401. *Hypoxylon miliaceum* Bull: t. 444. f. 3. (Ad truncos putrescentes autumn:-vere. *Pedem*: similibus locis ad *Casin* March: Barolo Balb: el: p. 11. Re fl: tor: II. p. 262. In valle *Pisii* Cum: spec: p. 53. sub *Hy-*

poxylone miliaceo. *Sabaud*: Bonjean in litt:). Crustaceo-cohærens minima stipitata atra, perithecia rigida globosa ostiolo papillæformi obsoleto.

❃ 102. *Sph*: *moriformis* = Tod: Meckl: II. p. 22. f. 90. = Fries l. c. p. 458. = Spr: l. c. 401. (Ad ligna et ramos exsiccatos variarum arborum perenn: *Sabaud*: Bonjean in litt:). Conferta atra, perithecia obovata corrugato-tuberculata ostiolo simplici.

❃ 103. *Sph*: *Pulvis pyrius* = Pers: syn: p. 86. = Fries l. c. p. 458. Spr: l. c. 404. = Nees syst: f. 348. (Ad truncos siccos perenn: *Pedem*: supra ramos aridos Pruni Cerasi ad *Venariam* Re app: II. p. 218. et fl: tor: II. p. 263. excl: syn: Bull: *Sabaud*: Bonjean in litt:). Priori valde affinis, sed differt præsertim peritheciis ex *ovato-globosis rugosis* medio *sulcatis*.

δ *Pertusæ* (Perithecia glabra basi applanata sub-innata pertusa.
Solitariæ lignatiles vel corticolæ).

Obs: Nullam ex hac divisione possideo stirpem.

Sect: VI.

Sub-immersæ.

» *Perithecia* immersa sæpe erumpentia ostiolo in-
» signi dilatato vel in collum elongato. Gelatina flu-
» xilis. »

α *Platystomæ* (Ostiolum latissimum compressum rima longitudinali dehiscens. Cristatæ superficiali-immersæ emergentes sparsæ lignatiles vel corticolæ).

❀ 104. *Sph*: *macrostoma* = Tod: Meckl: II. p. 12. f. 76. 77. = Fries l. c. p. 469. = *Sph*: *dehiscens*, *libera* et *media* Pers: *Sph*: *libera* Spr: l. c. 397. (Ad cortices varios vel ramos aridos perenn: *Pedem*: similibus locis præsertim ad Quercus in sylvis *della Mandria* et prope *Venariam* Re app: II. p. 216. 217. et fl: tor: II. p. 260. sub *Sph*: *media* et *dehiscente*). Perithecia emergentia globosa nigra, ostiolum breve compressum (*prominens* in var: *media*).

β *Cerastomæ* (Ostiolum elongatum cylindricum liberum perithecio longius. Immerso-erumpentes sparsæ vel gregariæ lignatiles vel corticolæ).

❀ 105. *Sph*: *pilifera* = Fries l. c. p. 472. = *Sph*: *dryina* var: Spr: l. c. 399. = *Sph*: *rostrata* Nees syst: f. 354. B (Ad ligna pinea frequens. *Sabaud*: Huguen:

in litt:). Gregaria nuda atra, perithecia minima globosa lævia ostiolo capillari longissimo acuminato.

❀ 106. *Sph: rostellata* = Fries obs: I. p. 178. t. 3. f. 3. et l. c. p. 476. = Spr: l. c. 398. (Ad ramos præsertim Rosæ, Ruborum etc. autumn: - vere. *Sabaud:* Bonjean in litt:). Gregaria atra, perithecia tecta sub-rotunda demum supra depressa ostiolis erumpentibus cylindrico-attenuatis nudis.

γ *Obtectæ* (Ostiolum in collum matrici immersum elongatum. Constanter immersæ in partibus vegetabilium perennibus sparsæ vel gregariæ).

❀ 107. *Sph: eutypa* = Fries l. c. p. 478. = Spr: l. c. 402. = *Sph: decumbens* Sowerb: fung: t. 217. *Sph: aspera* Pers: syn: p. 80. (Ad ramos emortuos perenn: *Pedem:* in valle *Pisii* supra ramos et truncos fagineos Cum: spec: p. 46. sub *Sph: aspera? Sabaud:* Bonjean in litt:). Sparsa, perithecia globosa minuta nigra, ostiola punctiformia leviter prominula sub-teretia. Planta Cum: ex descr: videtur quadrare cum *Sph: aspera* Pers: quæ var: *eutypæ* sec: Fries etsi hic syn: Vill: a Cum: citatum non referat.

❀ 108. *Sph: livida* = Pers: syn: p. 80. = Fries l. c. p. 479. pro var: β = Reb: Neom: p. 337. t. 2. f. 6. sec: Fries. *Sph: pertusa* var: sec: Spr: l. c. 401. (Ad ramos exsiccatos passim. *Pedem:* similibus locis præsertim ad Salices *Venariæ* Re app: II. p. 218. et fl: tor: II. p. 263.). Sparsa, perithecia sub-globosa in tuberculo ligneo prominente elliptico griseo nidulantia, ostiolum pertusum. Variat ostiolis materia

cinereo - livea cinctis; ad hanc pertinet planta Re.

❋ 109. *Sph: Tiliæ* = Pers: syn: p. 84. = Fries l. c. p. 485. Spr: l. c. 402. = Nees syst: f. 339. (In ramis exsiccatis Tiliæ frequens perenn: *Sabaud*: Huguen: et Bonjean in litt:). Sparsa, perithecia majuscula tecta sub - ampullæformia circumscissa glabra nigra collo erumpente inæquali.

❋ 110. *Sph: inquinans* = Tod: Meckl: II. p. 17. f. 85. = Fries l. c. p. 486. Spr: l. c. 402. = *Variolaria ellipsosperma* Bull: t. 492. f. 3. *Sph: Aceris* var: α Pers: sec: Steud: (In cortice ramorum Aceris autumn: *Pedem*: iisdem locis prope *Venariam* Re fl: tor: II. p. 263. *Sabaud*: Huguen: in litt:). Gregaria atro - inquinans, perithecia majuscula globosa lævia glabra papilla erumpente nigra. Gelatina atra fili instar passim propellitur circa ostiolum.

❋ 111. *Sph: cytisporea* = Fries l. c. p. 489. = Ic: ? (In foliis Vaccinii Vitis Ideæ hyeme. In *M. Cenisio* Bonjean in litt:). Atro - inquinans, perithecia immersa ovato-globosa collo brevi incluso apice areola minima albicante cincto.

Sect: VII.

Sub - innatæ.

» *Perithecia* epidermidi matricis sub - innata velo » nullo. Gelatina diu farcta. »

α *Obturatæ* (Perithecia mox erumpentia liberata ostiolo simplici. Sub arborum epidermide nascentes mox erumpentes).

❋ 112. *Sph: Fraxini* = Fries l. c. p. 493. = Spr: l. c. 404. = Ic: ? (In ramulis exsiccatis Fraxini autumn: *Sabaud:* Huguen: in litt:). Sparsa erumpens, perithecia globosa lævia astoma nigra demum collabescentia in discum irregularem sub - rugoso - tuberculosum.

❋ 113. *Sph: Juglandis* = Fries l. c. = Ic: ? (Ad ramulos Juglandis. *Sabaud:* Huguen: in litt:). Gregaria, perithecia globosa primo depressa immersa dein erumpentia lævia atra ostiolo simplici pertusa intus grisea.

❋ 114. *Sph: strobilina* = Fries l. c. p. 495. = Spr: l. c. 405. *Sph: conigena* Duby bot: gall: II. p. 705. *Hysterium conigenum* Pers: syst: p. 102. = Ic: ? (Ad conos dejectos Pini Abietis. *Pedem:* similibus locis Balb: el: p. 5. *Sabaud:* Bonjean in litt:). Gregaria erumpens, perithecia sub - diformia rotundata primo mollia fuliginea demum nigra rima longitudinali subdehiscentia.

β *Subtectæ* (Perithecia primo innata cum matrice concreta demum supra denudata ostiolo simplici. Gregariæ minutæ atræ plerumque in parenchymate sub epidermide ramulorum vel foliorum perennium demum erumpentes).

❀ 115. *Sph: atrovirens* = Alb: et Schw: p. 48. t. 2. f. 1. = Fries l. c. p. 501. = Spr: l. c. 405. (In foliis Visci, Buxi, Ruscorum etc. *Sabaud*: Huguen: et Bonjean in litt:). Sparsa viridi- vel cinereo-nigricans, perithecia sub - immersa vel prominula sub - globosa disco tecto demum erumpente.

❀ 116. *Sph: macularis* = Fries obs: myc: I. p. 186. t. 2. f. 4. et l. c. p. 502. = Spr: l. c. 405. et c. p. 332. (In foliis dejectis Populi tremulæ vere. *Sabaud*: Bonjean in litt:). Perithecia sparsa globosa minutissima astoma nigra demum erumpentia maculæ cinerascenti insidentia.

❀ 117. *Sph: Ilicis* = Fries l. c. 501. = *Xyloma Ilicis* Schleich: crypt: exsic: n. 184. *X. aquifolii* DC. fl: fr: suppl: p. 159. = Mém: du mus: III. t. 3. f. 7. sec: Duby. *Phacidium aquifolii* Schmidt: myc: heft: I. p. 84. (Ad folia arida Ilicis aquifolii præsertim in pagina inferiori ubi sæpius vidi in H. Ripul: Alibi invenit Balb: el: p. 9. sub *X. aquifolii*. *Sabaud*: Huguen: et Bonjean in litt:). Perithecia minima globosa nigra prominula tecta demum erumpentia rimosa dehiscentia. Stirps mihi valde dubia. An huc referenda *Eustegia Ilicis* Duby bot: gall: p. 717.? Hanc habeo ex Huguen: cum syn: *Sph: aquifolii* DC. mém: du

mus: t. 3. f. 7. nec videtur differre a specim: in H. Ripul: lectis.

❋ 118. *Sph: aliena* = Fries l. c. p. 502. = Ic:? (Ad ramos languescentes Evonymi. *Sabaud*: Bonjean in litt:). Macula elongata expallens, perithecia emerso-innata conferta minima glabra nigra.

γ *Caulicolæ* (Perithecia primo tecta demum epidermide annua discreta secedente nuda. In caulibus herbarum emortuis.).

❋ 119. *Sph: Dematium* = Pers: syn: p. 88. = Fries l. c. p. 505. Spr: l. c. 404. = Ic:? (In caulibus exsiccatis fere omnium herbarum vulgatissima hyeme - vere. *M. Cenisio* Huguen: in litt:). Gregaria, perithecia plano-depressa astoma atra pilis concoloribus subdivergentibus medio strigosis.

❋ 120. *Sph: acuta* = Hoffm: veg: crypt: I. p. 22. t. 5. f. 2. = Fries l. c. p. 507. = Spr: l. c. 399. (Ad caules herbarum præsertim Urticæ vere. *Sabaud*: Bonjean in litt:). Sub-gregaria, perithecia sub-globosa lævia atra nitida, ostiolum rostellatum strictum cylindricum obtusum.

❋ 121. *Sph: complanata* = Tod: Meckl: II. p. 22. f. 88. = Fries l. c. p. 508. Spr: l. c. 403. = *Sph: herbarum* α Pers: syn: p. 78. et DC. fl: fr: suppl: p. 534. *Sph: Patella* DC. syn: fl: gall: p. 62. excl: syn: (Ad caules variarum herbarum vere. *Pedem*: in caulibus siccis Eupatorii cannabini prope *Venariam* Re fl: tor: II. p. 263. Balb: el: p. 11. *Sabaud*: Huguen: et Bonjean in litt: sub *Sph: herbarum*). Sparsa, pe-

rithecia sub-globosa lævia nigra mox collabescendo complanata, ostiolum papillæforme persistens.

❋ 122. *Sph: Doliolum* = Pers: ic: et descr: II. t. 10. f. 5. 6. = Fries l. c. p. 509. = Spr: l. c. 403. (Ad caules herbarum majorum vere-æstat: *Pedem:* similibus locis præsertim prope *Venariam* supra ramos exsiccatos Re app: II. p. 217. et fl: tor: II. p. 262. *Sabaud:* Bonjean in litt:). Sparsa, perithecia conico-rotunda obtusa papillata nigra nitida lateraliter plicata, ostiolum papillæforme pertusum. Statura valde varians.

❋ 123. *Sph: herbarum* = Fries l. c. p. 511. = *Sph: herbarum* var: *tecta* Pers: syn: p. 79. non var: α = Ic:? (Ad caules herbarum. *Pedem:* similibus locis a Bertero *Albæ* detecta Re app: II. p. 218.). Differt a duabus præcedentibus, quibus valde affinis, præsertim ostiolo punctiformi.

❋ 124. *Sph: Patella* = Pers: syn: p. 76. non DC. = Fries l. c. p. 511. Spr: l. c. 405. = *Sph: penetrans* α *Patella* Tod: Meckl: II. p. 45. f. 121. *Peziza Ligustici* DC. fl: fr: suppl: p. 21. (Ad caules herbarum siccos præsertim Umbelliferarum vere. *Pedem:* supra caules Conii maculati prope *la Mandria* Re app: II. p. 216. et fl: tor: II. p. 262.). Sparsa, perithecia primo hemisphærica demum collapsa urceolato-patellata rugulosa opaca atra, ostiolum minutum deciduum. Habitus omnino *Pezizæ*, sed ostiolo globulari primo coronata, quo mox collapso, astoma remanet. An huc referenda *Sph: penetrans* Gmel: in valle *Pisii* supra ramos putrescentes enascens ex Cum: spec: p. 48., valde dubito tum ex loco cum ex descr:; illam non vidi.

✻ 125. *Sph: Asparagi* = Berter: in Re fl: tor: II. p. 262. (Inventa a Bertero in horto nostro Ripul: ad caules Asparagi officinalis putrescentes Re fl: tor: II. p. 262.). Perithecia globosa solitaria sparsa numerosa minutula lævia atra epidermide diaphana demum erumpente tecta. Ostiolum, de quo silet Berterus, probabiliter ut in præcedenti; subjungit enim cl: Auctor ad Sphærias *astomas* plantam suam esse referendam.

δ *Foliicolæ* (Perithecia cum matrice concreta tecta nulla macula exarida cincta. Minores innatæ prominulæ sub epidermide foliorum nidulantes.

✻ 126. *Sph: barbata* = Pers: in ann: bot: St: II. p. 24. t. 2. f. b. a. c. = Fries l. c. p. 514. = Spr: l. c. 398. (In foliis deciduis quercinis rara. *Sabaud:* Huguen: in litt:). Perithecia tecta sub-glabra basi pilis radiantibus cincta, ostiola spinulosa apice in fibrillulas dissecta.

✻ 127. *Sph: flaccida* = Alb: et Schw: p. 31. t. 7. f. 4. = Fries l. c. 516. = Spr: l. c. 399. (Ad folia Pæoniæ officinalis ubi sæpius vidi autumn: ad plantas cultas in H. Ripul:). Sub-gregaria ochreo-fulva glabra, perithecia sub-globosa exigua, ostiola primo tecta brevia dein elongata teretia flexuoso-flaccida demum decidua.

✻ 128. *Sph: tubæformis* = Tod: Meckl: II. p. 51. f. 128. = Fries l. c. = Spr: l. c. (In foliis dejectis variarum arborum hyem:-vere. *Sabaud:* Bonjean in litt:). Perithecia tecta sub-globosa glabra ostiolo rostellato stricto sub-æquali terreo-fulvo.

✻ 129. *Sph: Capreæ* = DC. fl: fr: suppl: p. 130. = Fries l. c. p. 517. *Sph: setacea* var: Spr: l. c. 399. = Ic: ? (In foliis emortuis Salicis Capreæ. *Sabaud*: Huguen: in litt:). Perithecia tecta superne in macula orbiculari nigro - fusca circumscripta prominula, ostiola filiformia gracilia sub - curvata nigra.

✻ 130. *Sph: Gnomon* = Tod: Meckl: II. p. 50. f. 125. = Fries l. c. p. 517. = Spr: l. c. 399. (Ad folia decidua Coryli Jun:-Mart: *Pedem*: similibus locis in *M. Musinè* Re app: II. p. 217. et fl: tor: II. p. 260. *Sabaud*: Huguen: et Bonjean in litt:). Perithecia minuta nigra lævia sub - erumpentia sub - collapsa, ostiolum elongatum clavatum rectum nigrum.

✻ 131. *Sph: Ariæ* = DC. fl: fr: suppl: p. 131. = Fries l. c. p. 517. = *Sph: Gnomon* var: Spr: l. c. (In foliis Ariæ vere. *Sabaud*: Huguen: in litt:). Perithecia tecta depressa sub-latentia, ostiolum strictum æquale gracile nigrum globulo terminatum.

✻ 132. *Sph: alnea* = Fries l. c. p. 520. = Spr: l. c. 403. = Ic: ? (Ad folia alnea vere Huguen: in litt:). Sparsa, perithecia immersa latentia globosa nigra intus alba ostiolo erumpente sub-globoso.

✻ 133. *Sph: erythrostoma* = Pers: obs: II. p. 70. = Fries l. c. p. 521. = Spr: l. c. 403. (In foliis exsiccatis Pruni avium vere. *Sabaud*: Huguen: in litt:). Sparsa, perithecia tecta sub-globosa utrinque prominula, ostiola erumpentia sub-compacta rubella.

✻ 134. *Sph: Artocreas* = Tod: Meckl: II. p. 77. = Fries l. c. p. 523. Spr: l. c. 405. = *Xyloma lenticulare* DC. mem: mus: II. p. 320. t. 3. f. 14. (Ad

folia sicca variarum arborum. *Sabaud*: Huguen: in litt:). Gregaria innata orbicularis nigra nitida convexa lævis mox circa ostiolum punctiforme depressa demum collapsa rugoso-plicata.

❋ 135. *Sph*: *carpinea* = Fries l. c. p. 523. = Spr: l. c. 405. *Xyloma* quorund: = Ic:? (Ad folia exaridi Carpini rarior vere. *Pedem*: iisdem locis Balb: el: p. 9. *Sabaud*: Huguen: in litt:). Gregaria innata difformis astoma opaca nigra superficie inæquali.

❋ 136. *Sph*: *maculæformis* = Pers: syn: p. 90. et Ann: bot: II. t. 2. f. b. c. d. = Fries l. c. p. 524. = Spr: l. c. 405. (Ad folia arborum fruticumque frequentissima vere. *Pedem*: similibus locis præsertim in foliis exsiccatis Vitis viniferæ Re app: II. p. 218. et fl: tor: II. p. 263. *Sabaud*: Bonjean in litt:). Perithecia inter venas foliorum plus minus aggregata confluentia vel dispersa punctiformia globosa nigra maculas inæquales difformes constituentia.

❋ 137. *Sph*: *punctiformis* = Pers: syn: p. 90. = Fries l. c. p. 525. = Spr: l. c. 405. (Cum priori. *Pedem*: speciatim in foliis Erythronii tam in sylvis collium quam in illis *Venariæ* Balb: el: p. 11. Re fl: tor: II. p. 263. *Sabaud*: Bonjean in litt:). Differt a priori peritheciis *sparsis* evidentius *prominulis* collabescendo *umbilicatis*.

❋ 138. *Sph*: *Ægopodii* = Pers: syn: p. 89. = Fries l. c. p. 526. Spr: l. c. 405. = Ic:? (Ad folia languescentia Ægopodii Podagrariæ. *Sabaud*: Bonjean in litt:). Sparsa, perithecia innata prominula astoma nigra maculæ albæ crustiformi insidentia.

Sect: VIII.

Depazeæ Nob: (*Sphæria Depazea* Fries. *Sph*: *lichnoides* DC. *Phyllosticta* Pers:).

» *Perithecia* cum matrice connata maculæ exaridæ » innata. »

Obs: Huc pertinent *Sphæria* et *Xyloma lichenoides* DC. fl: fr: n. 807. et 819., quas cl: Auctor in suppl: p. 147. in 19. varietates vel species distinxit ratione habita ad plantas in quarum folia enascuntur; eandem distributionem secutus Fries et recentiores Mycologi, modo 23. distinctas species habemus ex Duby in 2. sectiones dispositas prout in foliis *vivis* vel *emortuis* crescunt. Sed characteres specierum omnino microscopici sunt sæpiusque etiam fallaces, unde illarum nomina a plantis quæ ipsas gignunt deprompta ex: gr: *Sph: Buxicola*, *Pyrolæ*, *Hederæcola* etc. Sufficiat igitur hic adnotare characteres generales qui omnibus speciebus conveniunt, nec non differentias ex quibus species ipsæ plerumque desumuntur. Substantiæ tenuissimæ in foliis vivis vel emortuis arborum vel herbarum innatæ maculas circumscriptas aridasque colore vario sæpius albido vel rubescente formantes; in macularum disco perithecia simplicia prominula sub-rotunda astoma collabescendo aperta; asci varii erecti sporidiis paucioribus plerumque refertis subinde nullis; ex colore, magnitudine, forma macularum ac peritheciorum structura, quum visibilia sunt, species determinantur.

Exemplum. « *Sph*: *Hederæcola*, maculis albidis am-
» bitu lato fusco, peritheciis gregariis globosis nudis
» opacis nigrescentibus (ad folia Hederæ). »

Spheriæ quoad sectionem etiam mihi magis dubiæ.

❋ 139. *Sph*: *Equiseti* = Bonjean in litt: (*Sabaud*:). Quid?

❋ 140. *Sph*: *herpetica* = Cum: spec: p. 47. (In valle *Pisii* supra Tiliæ ramos Cum: l. c.). Nigra serpens friabilis corticem non penetrans immersa plana; ad lentem observata multilocularis minima. *Licheni scripto* L. valde affinis Cum:

❋ 141. *Sph*: *lichenum* = Bellard: app: p. 77. Quid? Lichenorum product: Fries in ind:

❋ 142. *Sph*: *Cumini* = Nob: = *Sph*: *punctata* Cum: spec: p. 47. = Sub *Variolaria* Bull: t. 432. f. 11. (In valle *Pisii* supra ramos fagineos Cum: l. c.) Multi-locularis nigra bullato-complanata, superficies lævis disco punctato. Nomen a Cum: impositum mutavi ne confundatur cum *Sph*: *punctata* Sowerb: t. 54. valde diversa ceu liquet ex descr: Fries syst: mycol: II. p. 330. An *Sph*: *disciformis*, ad quam cl: Fries l. c. p. 527. et ind: amandat *Variolariam punctatam* Bull:?

❋ 143. *Sph*: *pulla* = Cum: spec: p. 45. (In valle *Pisii* supra excorticatos et putridos Urticæ caules, Mirrhidis aliorumque vegetabilium Cum: l. c.). Simplex exigua atra convexa solitaria collabescendo explanata sæpe mammæformis. Caules hac *Sphæria* conspersi stercore Muscæ vulgaris videntur maculati.

❋ 144. *Sph: semi - immersa* = Balb: el: p. 11. Quid? *Sph: Xylostei* b sec: Fries in ind:

❋ 145. *Sph: violacea* = Cum: spec: p. 48. (In valle *Pisii* supra Coryli et Populi ramos Cum: l. c.). Composita convexa violacea solitaria lævis vel rariter salebrosa intus nigra. Affinis *Sph: fragiformi* n. 11. *Sph: violacea* Schmidt: in Fries l. c. p. 441. videtur diversa ex descr: Auctoris.

IX. Sphæronema Fries syst: myc: II. p. 535. = *Sphæriæ* et *Calicii* spec: quorund: = *Sphæromyxa* Spr: syst: n. 3453.

» *Perithec*: orbiculatum verticale sub - elongatum
» grumosum poro simplici apertum, includens spori-
» dia in senulo tenuissimo mucosa demum indurata. »

Obs: Genus constans ex Fries 15. circiter stirpibus sub-lignatilibus valde inter se affinibus.

❋ 1. *Sph: cylindricum* = Fries l. c. p. 538. = Sub *Sphæromyxa* Spr: syst: IV. 406. = Sub *Sphæria* Tod: Meckl: II. p. 42. f. 114. (Ad ligna molliora præsertim Salicis. *Sabaud*: Huguen: in litt:). Perithecia cylindrica simplicia gracilia lævia nigra, sporidia prominula alba.

X. Cytispora Fries syst: myc: II. p. 540. = *Sphæriæ*, *Nœmasporæ*, *Bostrychiæ* spec: nonnullæ quorund: (Inter *Myelomycetes Sphærioideos* Spr: sub *Bostrychia*. Inter *Hypoxyla* Duby).

» *Cellulæ* difformes membranaceæ tenues in tu-
» berculo grumoso vel cortici immersæ circa colum-
» nam centralem (passim perithecium distinctum)

» circinantes sub-connatæ apice junctæ, collo per-
» forante discum erumpente unde ostiolum solita-
» rium. *Gelatina* sporulosa, ascis solutis, per ostio-
» lum commune in cirrhum propulsa. »

Obs: Genus constans ex Fries 18. stirpibus, quarum multæ vix cognitæ vel admodum dubiæ.

❀ 1. *C. chrysosperma* = Fries l. c. p. 542. = Sub *Bostrychia* Spr: syst: IV. 409. = Sub *Nœmaspora* Pers: syn: p. 108. et obs: myc: I. p. 80. t. 5. f. 8. *Hypoxylon cirrhatum* Bull: t. 487. f. 4. (Ad corticem arborum præsertim Populi per annum. *Pedem*: similibus locis Balb: el: p. 11. sub *Hypoxylone cirrhato*. *Sabaud*: Huguen: in litt:). Cellulæ in conceptaculo orbiculari inclusæ, discus erumpens nigrescens, cirrhi lutei.

❀ 2. *C. leucosperma* = Fries l. c. p. 543. = Sub *Bostrychia* Spr: l. c. = *Sphæria cirrhata* Hoffm: veg: crypt: p. 27. f. 1. (Vulgatissima ad ramos variarum arborum. *Sabaud*: Huguen: in litt:). Conceptaculum nullum, cellulæ nigræ circinnantes disco plano albido cirrho albo.

❀ 3. *C. fugax* = Fries l. c. p. 544. = *Bostrychia leucosperma* var: Spr: l. c. 409. = *Sphæria pustulata* Hoffm: crypt: p. 26. t. 5. f. 5. *Variolaria fugax* Bull: t. 432. f. 5. (Ad cortices ramorum præsertim Salicum, Coryli etc. perenn: *Pedem*: similibus locis speciatim ad *Casin* March: Barolo Balb: el: p. 11. Re fl: tor: II. p. 259. ambo sub *Sph*: *pustulata*. *Sabaud*: Huguen: in litt:). Conceptaculum nullum, cellulæ atræ circinnantes, discus planus ferrugineus, cirrhi tenuissimi albido-grisei.

❋ 4. *C. guttifera* = Fries l. c. p. 545. = *Bostrychia leucosperma* var: Spr: l. c. *Sphæria guttifera* DC. fl: fr: suppl: p. 136. = Ic: ? (In ramis præsertim quercinis. *Sabaud*: Huguen: in litt:). Tuberculum immersum cellulosum nigrum mox attenuatum in collum erumpens, gelatina globosa albida.

XI. Phoma Fries syst: mycol: II. p. 546. = *Sphæriæ*, *Xylomatis*, *Nœmasporæ*, *Sclerotii* spec: nonnullæ quorund: (Inter *Hypoxyla* Duby).

» *Perithecium* nullum, sed nucleus grumosus in
» tuberculo a matrice formato innatoque inclusus,
» demum ore simplici pertuso et sporidiis globosis
» vel elongatis rejectis evacuatus. Asci nulli. »

Obs: Genus constans ex Fries 5. stirpibus entophyllis habitu *Sphæriæ*, facie *Sclerotiæ*.

❋ 1. *Ph*: *saligna* = Fries l. c. = *Sphæria salicina* Sowerb: fung: t. 372. f. 1. (Ad folia dejecta Salicum hyem: - vere. *Sabaud*: Huguen: in litt: *M. Cenisio* Bonjean in litt:). Uni - vel multi - locularis lævis orbicularis convexa fusco-nigra centro sub-umbonata. Quid in Spr: ?

❋ 2. *Ph*: *Pustula* = Fries l. c. p. 547. = Sub *Sphæria* Pers: syn: p. 91. et ann: bot: II. p. 26. t. 2. f. 7. b. (Ad folia dejecta Quercus vere - æstat; *Sabaud*: Huguen: in litt:). Uni-locularis convexa lævis rufescenti-fusca intus alba nucleo atro.

XII. Dothidea Fries syst: myc: II. p. 548. = Spr: syst: n. 3468. = *Sphæriæ*, *Xylomatis*, *Polystigmatis*, *Asteromæ* spec: nonnullæ quorund: (Inter *Myelomycetes desciscentes* Spr: Inter *Hypoxyla* Duby).

» *Cellulæ* plures vel solitariæ stromate immersæ » nucleo cereo farctæ demum ore simplici apertæ » absque perithecio proprio. *Asci* erecti fixi sub-cla- » vati paraphisibus immixtis. *Sporidia* simplicia. »

Obs: Genus a *Sphæria* satis distinctum præsertim defectu perithecii proprii, constans ex Fries 54. stirpibus, inter quas nonnullæ obscuræ, e vegetatione plus minus evoluta in 3. tribus distributis.

α *Denudatæ* (Superficiali-innatæ nudæ libere evolutæ, plerumque lignatiles). Nullam stirpem possideo.

β *Erumpentes* (Erumpenti-innatæ liberatæ superne nudæ. Sub epidermide ramorum et foliorum perennium).

❋ 1. *D. Ribesia* = Fries l. c. p. 550. = Spr: syst: IV. 416. = Sub *Sphæria* Nees syst: p. 293. f. 312. aliique (Ad ramos emortuos præsertim Ribis rubri perenn: *Pedem*: similibus locis speciatim *Venariæ* Re app: II. p. 214. et fl: tor: II. p. 257. sub *Sphæria*. *Sabaud*: Bonjean in litt:). Elliptica carnosula depressa primo fuscescens mox nigra intus concolor, cellulæ minimæ peripheericæ albæ.

❀ 2. *D. Sambuci* = Fries l. c. p. 551. = Spr: l. c. 416. = Sub *Sphæria* Nees syst: p. 293. f. 311. aliique. *Sph: natans* Tod: meckl: II. p. 27. f. 98. (Ad ramos siccos Sambuci nigræ vere. *Pedem*: similibus locis ubique Re app: I. p. 54. et fl: tor: II. p. 257. *Sabaud*: Huguen: in litt:). Differt a priori statura *minori*, figura *orbiculari*, colore *atro* intus *cinerascente*.

❀ 3. *D. puccinoides* = Fries l. c. p. 551. = Spr: l. c. = Ic:? (In ramis et foliis Buxi sempervirentis. *Sabaud*: Huguen: in litt:). Erumpens difformis subconvexa atra intus firmula cinerascens, cellulæ subimmersæ albidæ.

❀ 4. *D. latitans* = Fries l. c. p. 552. = Ic:? (Ad folia sicca Vaccinii Vitis Ideæ. *Sabaud:* Bonjean in litt:). Immersa epidermide lacerata tecta stromate fusco-atro, cellulæ immersæ albæ.

γ *Innatæ* (Stroma ab epidermide adnata tectum. In partibus vegetabilium annuis).

1. Polystigma. *Compositæ, cellulis immersis demum evacuatis ambitu uniformi.*

❀ 5. *D. typhina* = Fries l. c. p. 553. = Sub *Sphæria* Pers: ic: et descr: p. 21. t. 7. f. 1. = Spr: l. c. 386. (Ad graminum culmos vivos æstate. *Pedem*: in culmis Poæ trivialis aliorumque graminum circa *Taurinum* Re app: II. p. 215. Frequens ad rivulum excurrentem secus viam *della Crocetta* Re fl: tor: II. p. 258. sub *Sphæria*. *Sabaud*: Bonjean in litt: sub *Dothidea*. Huguen: in litt: sub *Sphæria*). Elongata

culmos ambiens albida mox saturate lutea ex ostiolis demum granulosa.

❊ 6. *D. rubra* = Fries l. c. p. 553. = Sub *Sphæria* Spr: l. c. 386. Sub *Xylomate* Pers: syn: p. 105. = Sub *Polystigmate* DC. mem: mus: III. p. 337. t. 4. f. 7. (Ad folia Pruni domesticæ et spinosæ æstat: - autumn: *Pedem*: similibus locis Balb: el: p. 9. sub *Xylomate*. *Sabaud*: Huguen: et Bonjean in litt:). Hypophylla orbicularis rubra demum rufo-fusca, cellulæ immersæ rubentes minimæ numerosæ, ostiola sub - immersa obscuriora demum prominula.

❊ 7. *D. fulva* = Fries l. c. p. 554. = Sub *Polystigmate* DC. mem: mus: III. p. 357. t. 4. f. 8. (In foliis Pruni Padi. *Sabaud:* Bonjean in litt:). Hypophylla sub-angulata ochracea demum fulva, cellulæ immersæ concolores ostiolis immersis.

❊ 8. *D. betulina* = Fries l. c. p. 554. = Spr: l. c. 417. = *Xyloma betulinum* DC. mem: mus: III. p. 319. t. 3. f. 1. *X. populinum* Schum: non Pers: (Ad folia betulina æst: - autumn: *Pedem*: similibus locis sæpe observavi. *Sabaud*: Huguen: in litt: *M. Cenisio* Bonjean in litt:). Epiphylla angulato - difformis sub - confluens tuberculosa atro-nitens intus nigra, cellulæ albæ, ostiola punctiformia demum umbilicata.

❊ 9. *D. Ulmi* = Fries l. c. p. 555. = Spr: l. c. 417. = Sub *Sphæria* Nees syst: f. 21. B. *Sph: ulmaria* Sowerb: fung: t. 374. f. 3. *Sph: xylomoides* DC. fl: fr: n. 772. (Ad folia Ulmi æstat: - autumn: *Pedem*: similibus locis Balb: el: p. 7. sub *Sph: Ulmi*. Re fl: tor: II. p. 264. sub *Sph: xylomoidea*. *Sabaud*: Huguen: et Bonjean in litt:). Præcedenti proxima, sed

magis *convexa* epidermide non innata tecta inde cinerascens opaca et ostiola magis granulosa.

2. Stigmea. *Compositæ, tuberculis aggregatis prominulis ambitu simplici uniformi.*

❋ 10. *D. Loniceræ* = Fries l. c. p. 557. = *Xyloma Loniceræ* Fries obs: I. p. 198. t. 4. f. 7. = *Lasiobotrys Loniceræ* Spr: l. c. 409. *Xyloma Xylostei* DC. mem: mus: III. p. 319. t. 3. f. 2. pro var: b sec: Fries (In foliis Loniceræ passim æst: - autumn: *Pedem*: in H. Ripul: sæpe observavi præsertim ad folia Loniceræ cæruleæ. In *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Tubercula plerumque in cæspitulum convexum parvum coacervata rotundata atra nitida intus concoloria.

❋ 11. *D. Himantia* = Fries l. c. p. 559. = Sub *Sphæria* Spr: l. c. 388. ex Pers: = Ic:? (Communiter in caulibus Umbelliferarum. *Sabaud*: Bonjean in litt:). Macula nigra e fibrillis centrifugis orta, cellulæ prominulæ seriatæ centro confertæ.

3. Asteroma. *Cellulæ minimæ prominulæ confertæ sub-confluentes, ambitu maculæformi vel fibrillis innatis sub-radiato.*

❋ 12. *D. stellaris* = Fries l. c. p. 560. = *Xyloma stellare* Pers: syn: p. 105. = *Asteroma Phyteumæ* DC. mem: mus: III. p. 336. t. 4. f. 1. *Sphæria Himantia* var: Spr: l. c. 388. (In foliis præsertim Phyteumæ et Campanulæ. *Pedem*: lecta a Bertero circa

Albam supra Phyteuma spicatum Re app: II. p. 218. sub *Xylomate stellari*. *Sabaud*: Huguen: et Bonjean in litt:). Tenuissima maculæformis picea, fibrillæ in ambitu radiatæ pallidæ, cellulæ minimæ centrales.

❋ 13. *D. reticulata* = Fries l. c. p. 560. = Spr: l. c. 417. = Sub *Sphæria* DC. mem: mus: III. t. 4. f. 5. (Ad Convallariam Polygonatum sub-siccam. *Sabaud*: Bonjean in litt:). Epiphylla atra, macula nulla, fibrillæ liberæ longitudinaliter serpentes sub-ramosæ cellulas sub-seriatas jungentes.

❋ 14. *D. Asteroma* = Fries l. c. p. 560. = Spr: l. c. 417. = *Asteroma Polygonati* DC. mem: mus: t. 4. f. 5. a. *A. violæ* t. 4. f. 2. et *A. Dentariæ* t. 4. f. 3. (In foliis Convallariarum, Violæ et Dentariæ. *Pedem*: similibus locis præsertim pro var: b. *A. violæ* Balb: el: p. 3. *Sabaud*: Huguen: et Bonjean in litt:). Maculæ sub-rotundæ vel ovatæ nigræ, fibrillæ obsoletæ in margine tantum sub-distinctæ.

❋ 15. *D. Fraxini* = Fries l. c. p. 561. = Spr: l. c. 417. = Sub *Asteroma* DC. mem: mus: II. t. 4. f. 4. (Ad folia sub-emortua Fraxini. *Sabaud*: Huguen: in litt:). Hypophylla maculæformis fusca sub-radiosa, cellulæ minutissimæ confertæ.

❋ 16. *D. geographica* = DC. fl: fr: suppl: p. 139. = Fries l. c. p. 560. Spr: l. c. = Ic:? (In foliis Ariæ. *Sabaud*: Huguen: in litt:). Epiphylla atra, maculæ nullæ, tubercula orbiculata plana lineolis nigris mappam geographicam referentibus insidentia.

4. Uniformes. *Simplices vel passim seriatæ absque fibrillis, maculam exaridam nullam procreantes.*

✻ 17. *D. Solidaginis* = Fries l. c. p. 562. = *Xyloma Solidaginis virgaureæ* β DC. mem: mus: III. p. 323. t. 111. f. 12. (In foliis Solidaginis virgaureæ. *M. Cenisio* Bonjean in litt:). Hypophylla, pustulæ minimæ distinctæ nigræ intus fuscæ in maculam sub-rotundam stipatæ.

✻ 18. *D. Anemones* = Fries l. c. p. 563. = Spr: l. c. 417. Sub *Sphæria* DC. fl: fr: suppl: p. 143. = Ic:? (In petiolis, foliis, pedunculis et petalis Anemones sylvestris et nemorosæ vivarum vere. *Pedem*: rarissimam observavi iisdem locis. *Sabaud*: Huguen: et Bonjean in litt:). Aggregata sub-confluens difformis rugosa purpurascenti-fusca dein nigricans intus albida.

✻ 19. *D. alnea* = Fries l. c. p. 564. = Spr: l. c. 417. = Ic:? (Ad folia viva Alni glutinosæ et incanæ. *M. Cenisio* Bonjean in litt:). Amphigena sparsa subrotunda nigra nitida, collapsa rugoso-plicata.

✻ 20. *D. Robertiani* = Fries l. c. = Grev: crypt: scot: t. 146. = *Hysterium Geranii* Spr: l. c. 412. (Ad folia Geranii Robertiani. *Sabaud*: Bonjean in litt:). Epiphylla sub-sparsa hemisphærica lævis nitida nigra intus alba.

C *Phacidiacei* (*Perithecium* demum rumpens disco apertum. *Asci* erecti fixi).

XIII. Rhytisma Fries syst: myc: II. p. 565. = Spr: syst: n. 3458. = *Placuntii* et *Xylomatis* spec: nonnullæ quorund: (Inter *Myelomycetes Sphærioideos* Spr: Inter *Hypoxyla* Duby).

» *Perithecium* simplex sub-dimidiatum primo clau-
» sum demum in rimas flexuosas transversales vel
» irregulares rumpens a nucleo discretum. *Nucleus*
» compositus sub-multi-locularis, perithecio rupto,
» sistens hymenium placentæforme carnosum sub-
» persistens. *Asci* sub-clavati sporidiis uniserialibus
» referti, paraphysibus immixtis. »

Obs: Genus constans ex Fries 20. circiter stirpibus, quarum variæ obscuræ, in tribus uti *Dothidea* distinctis, sc: *denudata*, *erumpentia*, et *Xyloma*, omnibus epiphytis et sub-difformibus, multis exoticis.

❋ 1. *R. salicinum* = Fries l. c. p. 568. = Spr: syst: IV. 412. = Sub *Xylomate* Nees syst: f. 20. aliique. *X. leucoceras* DC. mem: mus: III. t. 3. f. 5. (Ad folia Salicum. *Pedem*: iisdem locis Balb: el: p. 9. sub *X. salicino* et *leucoceras*. *Sabaud*: Huguen: in litt: *M. Cenisio* Bonjean in litt:). Innatum crassum tuberculosum sub-nitens squamoso-rumpens lutescenti-stramineum intus album.

❋ 2. *R. acerinum* = Fries l. c. p. 569. = Spr: l. c. 412. Sub *Xylomate* Pers: syn: p. 104. = Nees syst: f. 21. DC. mem: mus: III. p. 318. t. 3. f. 9. *X. Pseudoplatani* DC. l. c. n. 2. var: *Mucor granu-*

losus Bull: t. 504. f. 13. (Ad folia acerina frequens. *Pedem:* iisdem locis Balb: el: p. 9. sub *X. acerino* et *Pseudoplatani*. *Sabaud*: Huguen: et Bonjean in litt:). Innatum macula difformi confluens rugosum in labia flexuosa dehiscens intus albidum disco pallescente. In var: *Pseudoplatani* frequenti in valle *Sassi* ad *Acer Pseudoplatanum* (Re fl: tor: II. p. 265.) macula lutescens, in ceteris macula rubra vel pallida.

❋ 3. *R. punctatum* = Fries l. c. 569. = Spr: l. c. 412. Sub *Xylomate* Pers: syn: p. 104. = DC. mem: mus: t. 3. f. 6. b. (Ad folia Aceris Pseudo-platani sæpius cum priore invenitur Balb: el: p. 9. *Sabaud*: Huguen: in litt:). Differt a priori, cui valde accedit, peritheciis *minoribus* inter se *liberis* rarissime confluentibus *frustulatim* rumpentibus intus *fusco-atris*.

❋ 4. *R. Onobrychis* = DC. l. c. p. 324. t. 3. f. 3. = Fries l. c. p. 569. = Spr: l. c. 412. (Ad folia Onobrychidis sativæ. *Sabaud*: Huguen: in litt:). Innatum hypophyllum confluens oblongum rugoso-sulcatum opacum intus albidum.

❋? 5. *R. betulinum* = Bonjean in litt: (*M. Cenisio*). Quid?

XIV. Phacidium Fries syst: myc: II. p. 571. = Spr: syst: n. 3457. = *Pezizæ*, *Xylomatis*, et *Hysterii* spec: nonnullæ quorund: (Inter *Myelomycetes Sphærioideos* Spr: Inter *Hypoxyla* Duby).

» *Perithecium* sessile sub-rotundum simplex primo
» clausum dein dehiscens a centro versus ambitum
» in lacinias plures a nucleo disciformi sub-persistenti
» discretas. *Asci* ut in *Rhytismate*. »

Obs: Genus dehiscendi modo præsertim a *Rhytismate* distinctum, constans 20. circiter stirpibus uti in ipso divisis.

❋ 1. *Ph*: *alneum* = Fries l. c. p. 573. = Spr: syst: IV. 410. = Ic:? (Ad ramos siccos Alni glutinosæ. *M. Cenisio* Huguen: in litt:). Erumpens angulato-rotundatum plano-depressum marginatum nudum laciniato-dehiscens strato sub disco albo.

❋ 2. *Ph*: *Pini* = Schmidt: in myc: hest: I. p. 30. t. 32. f. 11. = Fries l. c. p. 573. Spr: l. c. 410. = Sub *Xylomate* Alb: et Schw: t. 5. f. 8. aliique (Ad corticem Pini sylvestris ubique. Vidi etiam in agro *Ripul*: ad Juniperum communem sed raro. *Sabaud*: Huguen: in litt:). Erumpens sub-rotundum truncato-disciforme atrum, perithecii laciniæ obtusæ, discus fuligineus.

❋ 3. *Ph*: *carbonaceum* = Fries l. c. p. 574. = Spr: l. c. 410. = Ic:? (Ad ramos salicinos vere. *Sabaud*: Huguen: in litt:). Erumpens sub-rotundum inæquale nigrum in lacinias obtusas dehiscens disco sicco nigrescente.

❋ 4. *Ph*: *lacerum* = Fries l. c. p. 575. = Spr: l. c. 411. = Ic:? (In foliis Pini vere. *Sabaud*: Bonjean in litt:). Sub-rotundum nigrum in lacinias subsenas obtusas inæquales erumpens disco atro-fusco.

❋ 5. *Ph*: *multivalve* = Schmidt: l. c. p. 42. = Fries l. c. p. 576. Spr: l. c. = Sub *Xylomate* DC. mem: mus: III. p. 324. t. 3. f. 7. *Centhospora placidioides* Grev: crypt: fl: t. 253. (Supra folia Ilicis aquifoliæ. *Sabaud*: Huguen: et Bonjean in litt:) Sub-

innatum convexum nigrum in lacinias 5. dehiscens disco albicante.

❋ 6. *Ph: coronatum* = Fries l. c. p. 577. = Spr: l. c. 411. = *Xyloma pezizoides* Pers: ic: pict: t. 10. f. 1. *Sclerotium quercinum* Hornm: fl: dan: t. 1380. non Pers: (In foliis dejectis plurium arborum præsertim Quercus, Fagi etc. *Pedem*: sæpe vidi in sylvis præcipue ad folia Quercuum. *Sabaud*: Huguen: et Bonjean in litt:). Innatum gregarium orbiculare hemisphærico-depressum nigricans, perithecii laciniæ numerosæ acutæ, discus planus sub-flavescens.

❋ 7. *Ph: repandum* = Fries l. c. p. 578. = Spr: l. c. = *Xyloma herbarum* Alb: et Schw: p. 65. t. 14. f. 6. (Ad caules rarius folia variarum herbarum præsertim Potentillarum. *Sabaud*: Huguen: in litt: sub *Ph: herbarum*). Innatum sub-rotundum viridi-pallens demum nigrum in lacinias obtusas inæquales rumpens disco fuligineo.

❋ 8. *Ph: dentatum* = Schmidt: myc: Heft: I. p. 41. = Fries l. c. p. 577. Spr: l. c. = Ic:? (In foliis dejectis quercinis per annum. *Sabaud:* Bonjean in litt:). Quadratum maculæ pallidæ insidens atrum in lacinias 4-5. acutas dehiscens disco sordide luteo.

❋ 9. *Ph: Rubi* = Fries l. c. p. 578. = Spr: l. c. = Ic:? (Epiphyllum in Rubo Idæo vere. *M. Cenisio* Bonjean in litt:). Innatum rotundatum hemisphærico-applanatum atrum in lacinias inæquales rumpens disco albido.

❋ 10. *Ph: Vaccinii* = Fries l. c. p. 575. = Spr: l. c. = Ic:? (In foliis Vaccinii Vitis Ideæ. *M. Ce-*

nisio). Erumpens minutum convexum nitidum rugosum in lacinias 4. dehiscens disco fuligineo nigro.

❀? 11. *Ph*: *Laurocerasi* = Desmaz sec: Fries el: II. 136. ex Auctor: in ind: (*Sabaud*: Bonjean in litt:). Mihi ignotum.

XV. Hysterium Tod: Meckl: II. p. 4. = Fries syst: mycol: II. p. 579. = Spr: syst: n. 3459. = *Hysterium* et *Hypoderma* DC. (Inter *Myelomycetes Sphærioideos* Spr: Inter *Hypoxyla* Duby).

» *Perithec*: sessile ovale vel elongatum simplex de-
» hiscens rima longitudinali primo clausa demum sub-
» aperta, nucleo discifero lineari sub-persistente. *Asci*
» ut in *Phacidio*. »

Obs: Genus perithecii forma ejusque dehiscendi modo a præcedenti facile distinguendum, constans ex Fries 50. circiter speciebus, quarum multæ non satis notæ, pariter uti in generibus præcedentibus divisis, addita altera tribu pro stirpibus *sub-tectis*.

❀ 1. *H. pulicare* = Pers: syn: p. 98. = Fries l. c. p. 579. Spr: syst: IV. 412. = Grev: crypt: fl: t. 167. f. 1. *Lichen* n. 7. Michel: gen: p. 102. t. 54. f. 2. (Ad cortices et ligna annosa Quercus, Alni etc. *Pedem*: similibus locis frequentissimum Re fl: tor: II. p. 265. Balb: el: p. 5. *Sabaud*: Huguen: et Bonjean in litt:). Denudatum gregarium superficiale ellipticum vel oblongum longitudinaliter striatum atrum labiis obtusis disco lineari; crustis lichenosis sæpe innatum occurrit, unde pro *Opegrapha* facile sumitur.

❀ 2. *H. lineare* = Fries l. c. p. 583. = Spr: l. c. 413. = *H. angustatum* Nees syst: f. 303. (Ad ligua

præsertim Pyri Mali frequens. *Sabaud*: Huguen: in litt:). Sub-immersum confertum paralellum lineare nigrum labiis tumidulis disco lineari.

❋ 3. *H. aggregatum* = DC. fl: fr: suppl: p. 168. = Fries l. c. *H. pulicare* var: Spr: l. c. 412. = Ic:? (Ad ligna denudata. *Sabaud:* Huguen: in litt:). Aggregato-confluens pusillum paralellum oblongum læve nigrum sub-clausum.

❋ 4. *H. elatinum* = Pers: syn: p. XXVIII. = Fries l. c. p. 584. Spr: l. c. 412. = Ic:? (Ad corticem Abietum perenn: *Sabaud:* Huguen: in litt:). Erumpens difforme curvatum rugosum atrum labiis distantibus disco rufescente-nigro.

❋ 5. *H. degenerans* = Fries l. c. p. 585. = Ic:? (Ad ramos emortuos Vaccinii uliginosi. *Sabaud*: Bonjean in litt:). Erumpens gregarium sub-rotundum varium nigrum disco aperto dilatato molli livido. Omissum a Spr:

❋ 6. *H. Fraxini* = Pers: syn: p. 98. = Fries l. c. Spr: l. c. 413. = Ic:? (Ad ramos exsiccatos Fraxini hyem: - vere. *Sabaud*: Huguen: et Bonjean in litt:). Erumpens ellipticum durum nigrum labiis tumidis lævibus disco lineari.

❋ 7. *H. conigenum* = Fries l. c. p. 586. = *Sphæria strobilina* Spr: l. c. 405.? = Ic:? (In strobilis Pini sylvestris. *Sabaud*: Bonjean in litt:). Erumpens pusillum punctiforme nitidum rima longitudinali dehiscens.

❋ 8. *H. Rubi* = Pers: syn: p. 100. = Fries l. c. p. 587. Spr: l. c. 412. = Ic:? (Ad ramos emortuos Ruborum. *Sabaud*: Huguen: et Bonjean in litt:). Sub-

innatum longitudinaliter positum elongatum acutum læve nigrum intus griseum.

⁕ 9. *H. Pinastri* = Schrad: journ: bot: II. p. 69. t. 3. f. 4. = Fries l. c. = Spr: l. c. 414. (Ad varios Pinos. *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Epiphyllum innato-immersum ovali-oblongum læve nigricans ore elliptico apertum disco livido.

⁕ 10. *H. commune* = Fries l. c. p. 589. = Spr: l. c. 414. = Ic:? (Ad caules herbarum ubique frequentissimum. *Sabaud*: Huguen: in litt:). Innatum oblongum obtusum opacum atrum labiis sub-depressis longitudinaliter rugosis vel lævibus disco dilatato sub-fuligineo.

⁕ 11. *H. scirpinum* = Fries l. c. p. 590. = Spr: l. c. 413. = Ic:? (In culmis Scirpi lacustris autumn: *Sabaud*: Huguen: et Bonjean in litt:). Innatum elongatum rectum depressum aterrimum labiis in aristam elevatis.

⁕ 12. *H. arundinaceum* = Schrad: journ: bot: II. p. 63. t. 3. f. 3. = Fries l. c. = Spr: l. c. (In culmis arundinaceis siccis. *Sabaud:* Huguen: et Bonjean in litt:). Innatum ovale depressum rugulosum opacum fusco-nigrum rima longitudinali demum hians.

⁕ 13. *H. culmigenum* = Fries obs: myc: II. p. 355. t. 7. f. 3. et l. c. p. 591. = Sub *H. gramineo* Spr: l. c. 413. (Ad culmos siccos multorum graminum; in illis Poæ compressæ speciatim var: *β gramineum*. *Sabaud*: c. var: Bonjean in litt:). Innatum elliptico-oblongum prominens læve nigrum demum disco pallido elliptico apertum; var: *β* differt utrinque obtusissima punctiformis.

❋ 14. *H. follicolum* = Fries l. c. p. 592. = Spr: l. c. = *Xyloma hysterioideum* Pers: ic: et descr: p. 58. t. 10. f. 3. 4. (In foliis siccis variarum arborum præsertim Rosacearum. *M. Cenisio* Bonjean in litt:). Innatum sparsum ellipticum obtusum tumidulum læve nudum nigrum rima longitudinali depressa.

❋ 15. *H. herbarum* = Fries l. c. p. 593. = Spr: l. c. = Ic:? (In foliis siccis herbarum præcipue Convallariarum. *Sabaud*: Huguen: in litt:). Innatum sparsum ellipticum depressum sub-marginatum læviusculum nigrum disco sub-fuligineo.

D *Xylomacei* (*Asci* obsoleti. *Sporidia* innata).

XVI. Actinothyrium Kunz: Dentsch: sch: VIII. p. 3. et in myc: heft: II. p. 81. t. 2. f. 3. = Fries syst: mycol: II. p. 597. = Spr: syst: n. 3534. (Inter *Gasteromycetes obscuros* Spr: Inter *Hypoxyla* Duby).

» *Perithec*: innatum scutiforme obtegens sporidia
» fusiformia, demum circumscissum sub forma oper-
» culi membranacei radiato-fibrosi secedens. »

Obs: Genus constans ex Fries unica stirpe seq:

❋ 1. *A. graminis* = Fries l. c. = Spr: syst: IV. 537. = Grev: crypt: fl: t. 218. (Ad culmos et folia graminum vere ubique frequens. *Sabaud*: Bonjean in litt:). Minimum sparsum vel gregarium subinde confluens orbiculatum opacum aterrimum.

XVII. Leptostroma Fries syst: myc: II. p. 597. = Spr: syst: n. 3535. = *Schizodermatis* et *Xylomatis* spec: nonnullæ quorund: (Inter *Gasteromycetes obscuros* Spr: Inter *Hypoxyla* Duby).

» *Perithec*: innatum dimidiatum læve effusum ma-
» culæforme centro sub-umbonatum sporidia obtegens
» absque ostiolo, demum basi circumscissum totum a
» matrice secedens et sporidia denudata relinquens. »

Obs: Genus constans ex Fries 9. stirpibus epiphytis minimis atris.

❋ 1. *L. scirpinum* = Fries obs: I. p. 197. t. 1. f. 6. et l. c. p. 598. = Spr: syst: IV. 537. (In culmis Scirpi lacustris æst: - autumn: *Sabaud*: Bonjean in litt:). Orbiculare opacum centro umbonatum demum totum secedens disco albido.

❋ 2. *L. Spireæ* = Fries l. c. p. 599. = Spr: l. c. = Ic: ? (In caulibus Spirearum vere. *Sabaud*: Huguen: in litt:). Conglomerato - connatum difforme rugosum nitidum intus griseum demum totum secedens.

❋ 3. *L. filicinum* = Fries l. c. = Spr: l. c. *L. Pteridis* Ehrenb: = Ic: ? (In stirpibus nonnullarum Filicum, præsertim Pteridis. *M. Cenisio* Bonjean in litt:). Elongatum difforme læve nigrum adultum costa elevata insignitum demum totum secedens.

❋ 4. *L. vulgare* = Fries l. c. p. 599. = Spr: l. c. = Ic: ? (Ad caules herbarum plurimarum undique vulgatissimum). Simplex minutissimum rugulosum nitidum; forma varia ratione plantarum in quibus enascitur, plerumque tamen ex orbiculato-elongatum.

XVIII. Ectostroma Fries syst: myc: II. p. 601. = *Sphæriæ*, *Leptostromatis*, et *Xylomatis* spec: nonnullæ quorund:

» *Maculæ* epiphytæ effusæ absque propria substan-
» tia et vegetatione. »

Obs: Genus valde obscurum vix inter vegetabilia enumerandum, fatente ipso Fries, attamen in 10. stirpes divisum.

❋ 1. *Ect*: *Sedi* = Fries l. c. p. 602. = Ic:? (In nonnullis Sedis. *M. Cenisio* Bonjean in litt:). Maculæ difformes piceæ nitentes punctatæ.

❋ 2. *Ect*: *Iridis* = Fries l. c. = Sub *Leptostromate* Ehrenb: sylv: ber: p. 27. (In foliis Iridis Pseudo-acori et Typhæ latifoliæ sæpe occurrit et vidi præsertim in oryzetis *Vercellensibus*). Sub-sparsum latum oblongum (*oblongo - lineare* in foliis Typhæ) aterrimum opacum.

❋ 3. *Ect: Pedicularis* = Fries l. c. p. 602. = Sub *Xylomate* DC. fl: fr: suppl: p. 153. (*M. Cenisio* ad folia Pedicularis incarnatæ Bonjean reperit sec: DC. l. c. Iisdem locis Balb: el: p. 9. *Sabaud*: Huguen: in litt: sub *Xylomate*). Maculæ nigræ rotundatæ sub-irregulares sub-confluentes scabræ ad utramque foliorum paginam prominulæ.

Sect: III.

Trichospermi Fries syst: myc: III. p. 1. = *Lycoperdeæ* Ad: Brogn: Duby (*Uterus* mollior sub-fatiscens. *Sporidia* receptaculis partialibus (*floccis*) inspersa. Gen: ex Fries 23. in 4. sub-ordines divisa).

A *Trichogastres* seu *Lycoperdinei*

(Uterus determinatus (*peridium*) junior carnosus. *Flocci* copiosi. Fungi terrestres majores).

XIX. Scleroderma Pers: syn: p. 150. = Spr: syst: II. 3498. = Fries syst: myc: III. p. 44. inter *Trichogastres Sclerodermeos* = *Lycoperdonis* spec: nonnullæ quorund: (Inter *Gastromycetes Desmatogasteres* Spr:).

» *Peridium* globosum sessile vel stipitatum simplex
» suberosum corticato-verrucosum irregulariter rum-
» pens intus floccosum. *Sporidia* glomerata ad floc-
» corum superficiem. »

Obs: Genus constans ex Spr: 10. circiter stirpibus sæpius stipitato-radicatis rarius arrhizis.

✻ 1. *Scl: verrucosum* = Pers: syn: p. 154. = Fries l. c. p. 49. Spr: syst: IV. 520. = Grev: crypt: scot: fl: t. 48. sub *Lycoperdone* Bull: t. 24. aliique. Vern: *Loffe*, *Vesse d' luv* uti omnes species indigenæ tum hujusce generis cum seqq: (In sylvis et locis montanis frequens. *Pedem:* in collibus *Taurin*: mense Aug: post pluvias Bale: misc: bot: p. 52. Re fl: tor: II. p.

270. In valle *Ticini* abundans autumn: Biroli fl: acon: II. p. 244. sub *Lycoperdone*. *Sabaud*: Bonjean in litt:). Peridium stipitatum sub-globosum verrucosum extus luteum intus lilacinum, stipes crassus brevis squamulosus radicatus.

❋ 2. *Scl: aurantium* = Pers: syn: p. 153. = *Scl: citrinum* Spr: l. c. 519. *Scl: vulgare* Fries l. c. p. 46. = Sub *Lycoperdone* L. Bull: t. 270. (In sylvis. *Pedem*: iisdem locis in collibus *Taurin*: All: n. 2789. In pascuis vallis *Segusianæ* Re fl: segus: p. 93. ambo sub *Lycoperdone*. *Sabaud*: Bonjean in litt:). Differt a priori statura generatim *majori*, figura magis *orbiculari*, colore extus *citrino* intus *rufescente*, superficie potius *areolato-squamulosa* quam verrucosa.

❋ 3. *Scl: cervinum* = Pers: syn: p. 156. = Spr: l. c. 520. Sub *Lycoperdone* L. aliique. *Elaphomyces granulatus* Fries l. c. p. 58. Nees = *Phymatium fulvum* Chevall: fl: par: I. p. 361. t. 10. f. 6. (In sylvis abietinis et arenosis montosis. *Pedem*: in pascuis collinis All: n. 2787. Re fl: segus: p. 93. ambo sub *Lycoperdone*. Prope *il Parco della Veneria* Re fl: tor: II. p. 270. sub *Sclerodermate*). Præcedentibus minus sparsum aut confertum sub-terraneum sessile arrhizum sub - rotundum durum granulosum extus brunneum intus ex albo-purpurascens demum nigrum.

XX. Geastrum Pers: syn: 131. = Spr: syst: n. 3491. inter *Stichogastres* = Fries syst: myc: III. p. 8. = *Lycoperdonis*, *Myriostomatis* et *Plecostomatis* spec: nonnullæ quorund: (Inter *Gasteromycetes Geogasteres* Spr:).

» *Perid:* globosum duplex, exterius (*stroma*) discre-

» tum coriaceum in lacinias stellatim rumpens, in-
» terius (*sporangium*) membranaceum apice irregula-
» riter ostiolatum. *Sporidia* sparsa floccis imposita. »

Obs: Genus constans 9-10. stirpibus in 2. sectiones divisis ex peridio interiori sessili vel stipitato.

❋ 1. *G. hygrometricum* = Pers: syn: p. 135. = Spr: syst: IV. 518. Fries l. c. p. 19. = *Lycoperdon stellatum* Bull: t. 138. et 471. f. M N (In sylvis sabulosis. *Pedem*: muscosis et collinis locis autumn: All: n. 2790. Re fl: segus: p. 93. In ericetis et pascuis siccis Biroli fl: acon: II. p. 244. omnes sub *Lycoperdone stellato*. Re fl: tor: II. p. 268. sub *G. hygrometrico* var: *anglico*. *Sabaud*: Huguen: in litt:). Majus badio-rufescens concolor, peridium externum multifidum interius sessile globosum reticulatum ostiolo non striato. *Lycoperdon stellatum* fl: pedem: amplectitur etiam stirpem seq:

❋ 2. *G. rufescens* = Pers: syn: p. 134. = Spr: l. c. Fries l. c. p. 18. = *Lycoperdon stellatum* Schæff: fung: t. 182. Bull: t. 471. f. L. (Cum priori. *Sabaud*: Huguen: et Bonjean in litt:). Vix differt a præcedenti statura generatim *majori*, peridio externo *rufescente* inter: *pallescente lævi*.

❋ 3. *G. quadrifidum* = Pers: syn: p. 133. = Spr: l. c. 517. *G. fornicatum* Fries l. c. p. 12. = *Lycoperdon fornicatum* Schæff: fung: t. 183. (In pinetis. *Pedem:* prope *Venariam* Re app: II. p. 219. et fl: tor: II. p. 268. *Sabaud*: Huguen: et Bonjean in litt:). Minus, peridium externum sub - quadrifidum testaceum revoluto - fornicatum interius globosum stipitatum rufescens ostiolo conico pectinato canescente.

❋ 4. *G. striatum* = DC. fl: fr: II. p. 267. = Fries l. c. p. 13. = *G. minimum* Chevall: fl: par: I. t. 10. f. 3. (Ad terram in siccis. *Sabaud*: Huguen: et Bonjean in litt:). Minimum albo-rufescens, peridium externum tenue membranaceum multifidum interius sphæricum sub-stipitatum ostiolo elongato striato acuminato.

XXI. Bovista Pers: syn: p. 136. = Spr: syst: n. 3501. = Fries syst: myc: III. p. 21. = *Lycoperdonis* spec: Auctor: (Inter *Gastromycetes Dermatogasteres* Spr:).

» *Perid*: globosum duplex, exter: adnatum cellulo-
» sum squamoso-ruptum secedens, inter: membrana-
» ceum apice irregulariter rumpens. *Sporidia* pedicel-
» lata floccis infixa. »

Obs: Genus a præcedenti et a *Lycoperdone* satis distinctum, præsertim structura peridii exterioris, constans 6-7. stirpibus ex Fries.

❋ 1. *B. gigantea* = Nees syst: p. 132. = Spr: syst: IV. 523. *Lycoperdon giganteum* Pers: syn: p. 140. = Batsch: el: t. 20. f. 165. *Lycoperdon Bovista* L. sp: 1653.? Bull: t. 447. *L. Bovista giganteum* Fries l. c. p. 29. (In pascuis, arvis et hortis æst:-autumn: vulgaris. *Pedem*: similibus locis All: n. 2788. Re fl: segus: p. 93. Biroli fl: acon: II. p. 244. omnes sub *Lycoperdone Bovista*. Re fl: tor: II. p. 269. sub *Lycoperdone giganteo*. *Sabaud*: c. var: *plumbea* Huguen: et Bonjean in litt:). Maxima sub-sessilis sub-globoso-deformis lævis primum alba dein ochracea demum grisea superne obsolete squamulosa floccis sporidiisque

flavo - virentibus. *B. nigrescens* Pers: quam Spr: ad *Lycoperdon Bovistam* L. refert, videtur sola var: parum *minor* colore *umbrino - nigrescente*. *B. plumbea* ejusdem Auctoris valde *minor* undique *lævis*, constanter *plumbea*, sporidiis *nigris* forsan bona species; hæc adinvenitur frequentius supra truncos et ramos emortuos (*Lycoperdon ardosiaceum* Bull: t. 192.). Cons: Fries l. c. p. 23. 24. qui binas hasce species admittit sub *Bovista*.

XXII. Lycoperdon Pers: syn: p. 140. = Spr: syst: n. 3500. = Fries syst: myc: III. p. 29. inter *Trichogastres* = *Lycoperdonis* spec: Auctor:

» *Perid*: stipitatum duplex, exter: connatum fur-
» furaceum sæpe in verrucas abiens, inter: uti in
» *Bovista*. *Sporidia* agglomerata floccis inspersa. »

Obs: Genus nunc constans ex Spr: 15. stirpibus satis distinctis, inter quas nonnullæ a Fries ad *Bovistam* amandatæ.

❋ 1. *L. molle* = Pers: syn: p. 150. = Spr: syst: IV. 523. = Chevall: fl: par: I. t. 10. f. 2. *L. gemmatum* var: ε *furfuraceum* Fries l. c. p. 38. *L. gossypinum* Bull: t. 435. f. 1. var: (Ad terram et truncos putridos autumn: rarum. *Pedem*: iisdem locis Balb: el: p. 6. Prope *la Praglia di Pianezza* Re fl: tor: II. p. 270. Secus *Sessitem* super lignum emarcidum Biroli fl: acon: II. p. 244. sub *L. gossypino*. *Sabaud*: Huguen: et Bonjean in litt:). Parvulum solitarium vel gregarium molle globoso-turbinatum lanuginoso-squamosum albidum demum umbrino - fuscum. Cl: Pers: ex magnitudine et ex squamarum structura distinguit

L. gossypinum a *molle* quæ melius conjungit Spr: ob characterum inconstantiam.

❋ 2. *L. hyemale* = Bull: t. 72. et 475. f. E = *L. proteus* δ DC. fl: fr: n. 714. = *L. plicatum* Spr: l. c. 523. ex Pers: (In pratis montosis aut sylvaticis graminosis autumn: *Pedem*: similibus locis speciatim *Planiciæ* in pratis aridis prope *la Praglia* Re app: II. p. 219. et fl: tor: II. p. 269. sub *L. excipuliformi* var: *hyemali*. *Sabaud*: Huguen: in litt:). Medium sub-sphæricum regulare albido-fuligineum furfuraceo-verrucosum in stipitem crassum basi plicatum decurrens. A Fries forsan confusum cum priori.

❋ 3. *L. excipuliforme* = Scop: carn: II. n. 1631. var: 4. = Spr: l. c. 523. = Schæff: fung: t. 187. 292. *L. proteus* λ Bull: t. 450. f. 2. *L. gemmatum* var: α *excipuliforme* Fries l. c. p. 37. (In pinetis passim. *Pedem*: in sylvis montanis All: n. 2792.). Statim distinguitur ab affinibus verrucis *spinulosis* quibus undique sparsum adparet, et præsertim stipite valde *elongato* versus apicem *sensim angustato*; color albido-lutescens.

❋ 4. *L. pyriforme* = Schæff: fung: t. 189. = Bull: t. 32. = Spr: l. c. 523. Fries l. c. p. 38. *L. proteus* β γ DC. fl: fr: n. 714. *L. ovoideum* Bull: t. 435. f. 3. et 475. f. N var: (Ad truncos putridos ubique. *Pedem*: similibus locis Balb: misc: bot: p. 52. sub *L. proteo ovoideo*. Bellard: app: p. 76. Re fl: tor: II. p. 270. ambo sub *L. pyriformi*. Biroli fl: acon: II. p. 244. sub *L. proteo* ubi narrat in vinea Parochi *S. Crucis* urbis *Novar*: var: vidisse ponderis 12. librarum! *Sabaud*: Huguen: et Bonjean in litt:). Cæ-

spitosum pyriforme umbonatum fuligineo - pallidum tenuissime rotundato - squamulosum radiculis fibrosis longis. Variat magnitudine et colore plus minus intenso. Huc pertinent *L. pyriforme* et *hirtum* Cum: spec: p. 55. in valle *Pisii* lecta.

❀ 5. *L. pratense* = Pers: syn: p. 142. = Spr: l. c. 523. = *L. papillatum* Schæff: fung: t. 184.? *L. capæforme* Bull: t. 435. f. 2. *L. proteus* α DC. fl: fr: n. 714. *L. pusillum* Fries l. c. p. 33. (In pratis et collibus graminosis. *Pedem*: prope *Venariam* Re fl: tor: II. p. 269. et app: II. p. 219. *Sabaud*: Bonjean in litt:). Sub-sessile minus hemisphæricum candidum nitidum molliusculum papillis rarissimis adspersum. *L. papillatum* Schæff: trahitur a cl: Fries ad *L. gemmatum* var: ζ p. 38.

❀ 6. *L. echinatum* = Pers: syn: p. 147. = Spr: l. c. 523. = *L. gemmatum* fl: dan: t. 1140. *L. lacunosum* Bull: t. 52. *L. proteus* ε DC. fl: fr: n. 714. *L. gemmatum* var: γ *echinatum* Fries l. c. p. 37. (In sylvis inter folia dejecta autumn: *Pedem*: similibus locis in valle *Pisii* Cum: spec: p. 55. sub *L. lacunoso*. *Sabaud*: Huguen: in litt:). Medium turbinatum ŏchraceo-fuligineum, peridium plus minus verrucoso-echinatum verrucis rarius demum deciduis, stipes elongatus sub-cylindricus lacunis oblongis foveolatus radiculis elongatis.

❀? 7. *L. utriforme* = Bull: t. 450. f. 1. = *L. umbrinum* Spr: syst: IV. 523. ex Pers: = *Bovista uteriformis* Fries l. c. p. 25.? (Ad terram rarum. *Pedem*: in sylva vineæ *Righini* Re fl: tor: II. p. 270. sub *L. umbrino* var: *hirto*). Majusculum ex ovato -

cylindricum læviusculum lutescens demum sub-fuligineum, peridium basi plicatum cum stipite brevi parce radicato confluens. Cl: Spr: illud dicit *spinuloso-squamosum*; cl: Re *verrucis brevissimis strigosis hirtum*; in cit: ic: Bull: adparet quidem *sub-squamulosum*, sed ipse addit: « Sa surface n'est jamais hérissée de pointes »; characteribus Bull: conveniunt descriptiones cll: Duby et Mérat; an igitur stirps lecta a cl: Re referenda potius ad quamdam *L. pyriformis* var:? Illam non vidi.

❋ 8. *L. cælatum* = Bull: t. 430. = Fries l. c. p. 32. = *L. areolatum* Spr: l. c. 523. *L. gemmatum* et *areolatum* Schæff: fung: t. 189. 190. *L. Bovista* Pers: syn: 141. non L. (Ad terram in collibus graminosis. *Pedem*: in *M. Cenisio* ad semitas in pascuis Balb: de crep: p. 13.). Magnum pallescens obconico-turbinatum a medio ad apicem squamis latiusculis modo planis modo areolatis nunc prominulis acutis tectum basi læve in stipitem brevem cæspitoso-radicatum confluens. Stirps speciosissima.

❋ 9. *L. Ulmi* = Bell: app: p. 76. (Supra cortices Ulmorum secus ambulacrum *della Cittadella* Bell: l. c.).

❋ 10. *L. stipitatum* = Bonj: in litt:? (*Sabaud*:). *Mucor Trichia* sec: Steud: An *L. stipitatum* Retz:? tunc amandandum ad *Didymium xanthopum* Fries l. c. p. 120.

XXIII. Tylostoma Pers: syn: p. 139. = Spr: syst: n. 3502. = Fries syst: myc: III. p. 41. inter *Stichogastres* = *Lycoperdi* spec: Auctor:

» *Perid:* globosum stipitatum duplex, exter: con-

» natum in pulverem secedens, inter: membranaceum
» apice ostiolo rotundo marginato dehiscens. *Sporidia*
» ut in *Lycoperdone.* »

Obs: Genus peridii interioris dehiscendi modo vix a *Lycoperdone* distinctum, constans stirpibus 4. ex Fries.

❋ 1. *T. brumale* = Pers: l. c. = Spr: syst: IV. 524. = Nees syst: f. 130. *T. mammosum* Fries l. c. p. 42. *Lycoperdon pedunculatum* L. Bull: t. 294. (In arenosis hyeme et inqunte vere. *Pedem*: in horto Bellardi All: n. 2791. *M. Cenisio* Re fl: segus: p. 93. Biroli fl: acon: II. p. 244. sine loci indicatione (ubi error in citatione iconis Bull: emendandus 294. loco 17.) omnes sub *Lycoperdone pedunculato.* In pascuis muscosis collium Re fl: tor: II. p. 269. sub *Tylostomate brumale. Sabaud*: Huguen: et Bonjean in litt:). Medium albidum, peridium depresso-globosum, stipes valde elongatus sub-cylindricus fistulosus glabriusculus basi sub-incrassatus radicatus.

XXIV. Asterophora Dittmar in Schrad: journ: III. p. 56. t. 2. f. 2. et in Sturm: deutsch: t. 26. = Fries syst: myc: III. p. 205. inter *Trichodermaceas subcapitatas* = *Agarici* et *Merulii* spec: quorund:

» *Perid*: simplex rotundatum subtus lamellatum et
« circumcirca a stipite secedens e floccis contextum,
» apice irregulariter rumpens, sporidia angulata emit-
» tens. »

Obs: Genus facie *Agaricorum minorum*, sed contextu floccoso, veri hymenii defectu, et sporidiorum structura rite ad *Lycoperdineos* amandatum, constans ex Fries 3. speciebus.

❋ 1. *Ast: lycoperdioides* = Dittm: l. c. = Sub *Agarico* Bull: t. 166. et 516. f. 1. = Spr: syst: IV. 463. Sub *Merulio* DC. fl: fr: n. 340. *Asterophora agaricoides* Fries l. c. p. 205. (In Agaricis putrescentibus. *Pedem*: iisdem locis in collibus *Taurin:* Balb: de crep: p. 21. et el: p. 3. Re fl: tor: II. p. 291. omnes sub *Agarico*). Minor, peridium pulverulentum carnosum flavescens lamellis crassis brevibus sub-gelatinosis, stipes cylindricus sub-æqualis fibrillosus striatus cinerascens. *A. lycoperdioides* Fries l. c. p. 206. videtur diversa.

B *Trichocisti* Fries. *Trichiaceæ* Ad: Brougn: Duby (*Uterus* regularis (*peridium*), junior fluxilis. *Sporidia* floccis copiosis inspersa. Fungi minores substantiis variis parasiticis).

XXV. Dictydium Schrad: nov: gen: p. 3. = Fries syst: myc: III. p. 164. inter *Trichospermos Myxogastres* = Ad: Brougn: el: champ: p. 67. = Spr: syst: n. 3519. = *Mucoris*, *Cribrariæ*, et *Trichiæ* spec: quorund: (Inter *Gastromycetes Trichogasteres* Spr:).

» *Perid*: globosum simplex membranaceum e floccis
» innatis reticulatum et venosum, fatiscendo totum
» sæpius cancellatum. *Sporidia* agglomerata. »

Obs: Genus constans 3-4. stirpibus. Fungilli minuti stipitati epiphyti.

❋ 1. *D. umbilicatum* = Schrad: l. c. p. 11. t. 4. f. 1. = Fries l. c. p. 165. = *D. cernuum* Nees syst: f. 117. Spr: syst: IV. 531. *Cribraria cernua* Pers:

Mucor cancellatus Batsch: (Ad truncos putridos. *Pedem:* iisdem locis præsertim prope *il Casin* March: Barolo Re fl: tor: II. p. 274. Balb: el: p. 10. ambo sub *Cribraria cernua. Sabaud*: Huguen: in litt:). Gregarium fusco-purpureum nitidum, peridium umbilicatum denudatum cernuum, stipes elongatus flexuosus incurvus.

❀ 2. *D. trichioides* = Fries l. c. p. 166. = Chevall: fl: par: I. p. 327. *D. cernuum* var: Spr: l. c. 531. *Trichia reticulata* DC. *Cribraria coccinea* Pers: = *Sphærocarpus trichioides* Bull: t. 387. f. 2. (Cum priori Re, Balb: ll. cc. In valle *Sessitis* Biroli fl: acon: II. p. 245. sub *Sphærocarpo. Sabaud*: Huguen: in litt:). Vix differt a præcedenti colore *rubello*, peridio *erecto*, stipite *breviori crassiusculo.*

XXVI. Cribraria Schrad: nov: gen: p. 3. = Spr: syst: n. 3516. = Fries syst: myc: III. p. 168. (Inter *Gasteromycetes Trichogasteres* Spr:).

» *Perid*: sub-globosum simplex membranaceum fa-
» tiscendo dimidiatum. *Flocci* innati superne reticu-
» lum liberum sporidia agglomerata continens con-
» stituentes. »

Obs: Genus constans 8-10. stirpibus; fungilli minuti elegantes gregarii in foliis et lignis mortuis.

❀ 1. *Cr*: *vulgaris* = Schrad: l. c. p. 6. t. 1. f. 5. = Spr: syst: IV. 530. = Fries l. c. p. 174. *Sphærocarpus semitrichioides* Bull: t. 387. f. 1. (Ad truncos putridos in sylvaticis. *Sabaud:* Huguen: in litt:). Peridium globosum cernuum flavum basi striatum, stipes elongatus rufescens flexuosus.

XXVII. Arcyria Pers: syn: 182. = Spr: syst: n. 3517. = Fries syst: myc: III. p. 175. = *Trichulii*, *Trichiæ*, *Stemonitidis*, *Clathri*, et *Sphærocarpi* spec: nonnullæ quorund: (Inter *Gasteromycetes Trichogasteres* Spr:).

» *Perid*: membranaceum simplex sub-cylindricum
» circumscissum, parte superiori (*capillitium*) fuga-
» cissimum, inferiori persistente cupulæformi. *Spo-*
» *ridia* sparsa in floccis e basi ascendentibus reticu-
» latim contextis elastice se se expandentibus deci-
» duis. »

Obs: Genus a præcedenti præsertim habitu proprio et structura peridii sat diversum, constans 7-8. stirpibus.

✻ 1. *A. flava* = Pers: syn: p. 184. = Spr: syst: IV. 530. = Nees syst: t. 10. f. 115. *A. nutans* var: a Fries l. c. p. 180. *Trichia nutans* Bull: t. 502. f. 3. aliique (Ad truncos emortuos et terram. *Pedem*: iisdem locis Re fl: tor: II. p. 273. Speciatim in collibus *Taurin*: prope vineam *Bianzè* Balb: misc: bot: p. 51. sub *Trichia nutante*. In montanis *Novariens*: Biroli fl: acon: II. p. 250. sub ead:). Aggregata sordide flava, peridium sub-teres, capillitium elongatum nutans, stipes brevis conicus.

✻ 2. *A. punicea* = Pers: syn: p. 185. = Spr: l. c. 530. = Fl: dan: t. 1364. f. 2. Fries l. c. p. 177. *Trichia coccinea* et *cinnabarina?* Bull: t. 368. et 501. f. 1. B C? *Clathrus denudatus* L. (Ad truncos putrescentes. *Pedem*: similibus locis ac speciatim supra cortices arborum emortuarum in collibus *Taurin*: et

circa *Planiciam* supra palos emarcidos Re fl: tor: II. p. 273. In prov: *Novar*: supra emarcidam Laricem Biroli fl: acon: II. p. 249. sub *Trichia cinnabarina*. Post autumnales pluvias in emarcidis truncis passim Bale: misc: bot: p. 51. sub ead: *Sabaud*: Huguen: et Bonjean in litt:). Differt a priori colore *croceo-puniceo*, peridio *ovato*, capillitio *breviori erecto*. Cl: Fries dubitat num ad hanc speciem sit referenda *Tr*: *cinnabarina* Bull:

❋ 3. *A. coccinea* = Duby bot: gall: p. 857. = *Trichia coccinea* DC. fl: fr: n. 688. = *Sphærocarpus coccineus* Bull: t. 368. f. 1. (Ad ligna mortua. *Pedem*: valle *Pisii* in cavernis arborum antiquarum cum muscis promiscue oritur Cum: spec: p. 61. sub *Sphærocarpo*). Forma peridii prorsus sphærici, ac capillitio *hemisphærico deciduo* satis distinguitur ab *A. punicea* cum qua confusa a Spr: et Fries ll. supr: cc.

❋ 4. *A. cinerea* = Pers: disp: p. 10. t. 1. f. 2. = Fries l. c. p. 180. = Spr: l. c. Sub *Trichia* Bull: t. 477. f. 3. (Ad truncos putridos in sylvis. *Sabaud*: Huguen: in litt:). Gregaria sordide alba, stipes brevis filiformis apice sub-attenuatus, peridium ovatum capillitio elongato.

❋ 5. *A. incarnata* = Pers: obs: I. t. 5. f. 5. = Spr: l. c. = Fries l. c. p. 173. (Ad ligna exsiccata quercina præsertim. *Sabaud*: Bonjean in litt:). Congesta sordide carnea, stipes breviusculus capillitio oblongo deciduo.

XXVIII. Stemonitis Pers: syn: p. 186. = Spr: syst: n. 3520. = Fries syst: myc: III. p. 156. = *Trichiæ*, *Clathri*, *Emboli* spec: nonnullæ quorund: (Inter *Gastromycetes Trichogasteres* Spr:).

» *Perid:* globosum aut elongatum simplex mem-
» branaceum totum evanescens fugacissimum. *Stipes*
» (*stylidium*) in columellam longissime prominentem
» axiformem productus. *Flocci* ex columella orti re-
» ticulatim annexi (*capillitium*) sporidiis adspersis. »

Obs: Genus structura prorsus propria, proinde distinctissimum, constans 6-7. stirpibus figuram, culmum et fructificationem *Typhæ* quodammodo simulantibus.

❋ 1. *St: fasciculata* = Pers: obs: myc: I. p. 56. = Spr: syst: IV. 532. = Grev: crypt: fl: t. 170. *St: ferruginea* Fries l. c. p. 158. *Clathrus nudus* L. sec: Auctor: non Fries. *Trichia axifera* Bull: t. 477. f. 1. (Super truncos mortuos et muscos autumn: *Pedem*: similibus locis Re fl: tor: II. p. 274. sub *St: fasciculata*. Speciatim in valle *Patonera* collium *Taurin*: Balb: de crep: p. 10. In valle *Sessitis* Biroli fl: acon: II. p. 249. In cavernis Juglandium, Castanearum, aliarumque arborum Cum: spec: p. 63. omnes sub *Trichia axifera*. Biroli l. c. p. 232. sub *Cl: nudo*. *Sabaud*: Huguen: et Bonjean in litt:). Pro genere majuscula cæspitosa, peridium oblongum, capillitium elongatum sporidiis fusco-ferrugineis, stipes niger. *Cl: nudum* L. pertinere ad *St: fuscam* tradit Fries l. c. p. 157.

❋ 2. *St: typhina* = Pers: syn: p. 187. = Spr: l. c.

St: typhoides Fries l. c. p. 158. = *Trichia typhoides* Bull: t. 477. f. 2. (Ad truncos. *Pedem*: post pluvias palis innascitur et observata quoque fuit supra Salices adhuc virentes Bale: de crep: p. 11. sub *Trichia*. Re fl: tor: II. p. 274. sub *Stemonitide*). Sparsa minuta, peridium cylindricum sub-incurvum, capillitium obtusum per partem persistens sporidiis nigrescentibus, stipes niger.

❀ 3. *St: leucopodia* = DC. fl: fr: n. 693. = *St: leucostyla* Spr: l. c. *Diachea elegans* Fries l. c. p. 156. = *Trichia leucopodia* Bull: t. 502. f. 2. (Ad ramulos et folia decidua. *Pedem*: super palearia autumn: non raro occurrit Biroli fl: acon: II. p. 249. sub *Trichia*). Stipite *albo* basi *dilatato*, peridioque *ovato-violaceo sub-persistente* illico a præcedentibus dignoscitur.

XXIX. Craterium Trentepohl in Roth: cat: I. p. 224. = Spr: syst: n. 3509. = Fries syst: myc: III. p. 148. (Inter *Gastromycetes Dermatogasteres* Spr:).

» *Perid*: ellipticum papyraceum simplex læve apice
» truncatum epiphragmate plano clausum. *Flocci* te-
» nuissimi cum sporidiis excreti. »

Obs: Genus constans 2 - 3. stirpibus minutissimis in lignis aut foliis mortuis.

❀ 1. *Cr: vulgare* = Dittm: in Sturm: fung: t. 9. = Spr: syst: IV. 525. *Cr: pedunculatum* Fries l. c. p. 150. = *Cyatus minutus* Sowerb: t. 239. fig: infer: (In foliis, muscis et ligno putrido autumn: *Sabaud*: Huguen: in litt:). Peridium campanulatum castaneum, operculum firmum album, stipes croceus, sporidia nigrescentia.

XXX. Didymium Schrad: nov: pl: gen: p. 25. = Fries syst: myc: III. p. 113. = Duby bot: gall: p. 858. = *Didymii*, *Didermatis*, *Cyonii*, *Physari* spec: nonnullæ quorund: (Inter *Lycoperdaceas Trichiaceas* Duby).

» *Perid*: determinatum globosum aut irregulare du-
» plex utrumque membranoso-crustaceum rumpens,
» externum subinde squamulosum. *Flocci* versus ba-
» sim adnati. *Sporidia* agglomerata. *Columella* pro-
» minens aut nulla. »

Obs: Genus constans 9-10. stirpibus, quarum variæ pro genere obscuræ.

❋ 1. *D. globosum* = Link: diss: II. = Duby l. c. = Sub *Didermate* Pers: disp: t. 4. f. 4. 5. Fries l. c. p. 106. Sub *Cyonio* Spr: syst: IV. 529. (Ad folia dejecta. *Sabaud:* Huguen: in litt:). Gregarium globoso-hemisphæricum sessile læve, peridium externum cinereo-rufescens internum nigricans, columella magna, sporulæ globosæ nigricantes.

❋ 2. *D. ochraceum* = Nob: = Sub *Didermate* Hoffm: crypt: germ: f. 9. Spr: l. c. 526. = *D. conglomeratum* Fries l. c. p. 111. (Ad muscos. *Sabaud*: Huguen: in litt:). Globosum sessile, peridium externum ochraceum interius pallidum, sporulæ nigræ. Columella? Species dubia.

XXXI. Leangium Fries syst: orb: veg: I. p. 141. = Duby bot: gall: p. 858. = *Didermatis*, *Lycoperdonis* et *Cyonii* spec: quorund: (Inter *Lycoperdaceas Trichiaceas* Duby).

» *Perid*: determinatum globosum aut irregulare sim-
» plex membranoso - crustaceum fragile ad apicem
» rumpens. *Flocci* vagi versus basim adnati. *Colu-*
» *mella* nulla aut sub-prominens. *Sporidia* agglome-
» rata. »

Obs: Genus ab affinibus satis distinctum, constans 5-6 stirpibus minutis ad ligna herbasque emortuas.

❀ 1. *L. stellare* = Link: in berl: mag: p. 26. = Duby l. c. Sub *Cyonio* Spr: syst: IV. 529. = Sub *Didymio* Schrad: nov: gen: t. 5. f. 3. 4. Sub *Didermate* Fries syst: myc: III. p. 99. (Ad lignum mortuum. *Sabaud*: Huguen: in litt:). Peridia conferta lenticularia fuscescentia demum stellatim fixa reflexa brevissime stipitata, columella rufescens.

❀ 2. *L. vernicosum* = Duby l. c. = Sub *Leocarpo* Grev: crypt: fl: t. 111. Spr: l. c. 526. = Sub *Didermate* Pers: obs: myc: I. t. 3. f. 7. a g. Fries l. c. p. 102. (Ad muscos, herbas et ramulos autum: *Sabaud*: Huguen: in litt:). Congestum, peridia obovato-oblonga fulva spadicea nitida, stipes gracilis albidus basi dilatatus, flocci albidi, sporidia atra.

XXXII. TRICHIA Pers: syn: p. 176. = Spr: syst: n. 3518. = Fries syst: myc: III. p. 182. = *Trichiæ*, *Stemonitidis*, *Lycoperdonis*, *Clathri*, *Mucoris*, *Sphærocarpi* spec: nonnullæ quorund: (Inter *Gastromycetes Trichogasteres* Spr:).

» *Perid*: sub-irregulare simplex persistens apice ir-
» regulariter rumpens. *Sporidia* sparsa ad superfi-
» ciem floccorum versus basim adnatorum intortorum
» post peridii rupturam elastice se se expanden-
» tium. »

Obs: Genus obscuriusculum, constans 10-12 stirpibus. Fungilli stipitati vel sessiles.

❋ 1. *Tr*: *Botrytis* = Pers: disp: meth: 9. et 54. = Ic: pict: t. 12. f. 1. Spr: syst: IV. 530. = *Tr*: *piryformis* Hoffm: veg. crypt. II. t. 1. f. 1. Fries l. c. p. 184. *Stemonitis Botrytis* Gmel: *Sphærocarpus cinnabarinus* Balb: de crep: p. 11. (Ad truncos putridos vere-autum: *Pedem*: inter rimas emarcidi corticis Pyri communis in h. magno *Valentini* BALB: l. c. *Sabaud*: HUGUEN: et BONJEAN: in litt:). Stipitata sordide rubens, peridia ovata fasciculata opaca, stipites elongati connati sub-racemosi.

❋ 2. *Tr*. *rubiformis* = Pers: disp: meth: t. 4. f. 3. et t. 1. f. 3. = Spr: l. c. 531. = Fries l. c. p. 183. *Lycoperdon vesparium* Batsch: el: t. 30. f. 172. (Ad truncos putridos in sylvaticis. *Pedem*: iisdem locis prope *Taurinum* RE fl: tor: II. p. 272. et app: I. p. 48.). Stipitata rubiginosa, peridia turbinata fasciculata nitida, stipites abbreviati connati.

❋ 3. *Tr*: *nigripes* = Pers: syn: p. 178. = Spr: l.

c. Fries l. c. p. 186. = *Sphærocarpus pyriformis* Bull: t. 417. f. 2. (Ad truncos mortuos. *Pedem*: similibus locis Balb: el: p. 11. In valle *Pisii* speciatim supra ligna emarcida in claustro *Carthusiæ* Cum: spec: p. 61. ambo sub *Sphœrocarpo pyriformi. Sabaud*: Huguen: et Bonjean in litt:). Stipitata gregaria sed non fasciculata lutea, peridium pyriforme obtusum, stipes breviusculus nigrescens.

❋ 4. *Tr. antiades* = DC. fl: fr: n. 677. = Sub *Sphærocarpo* Bull: t. 368. f. 2. = Sub *Phisaro* Fries l. c. p. 135. (Ad ligna emortua. *Sabaud*: Huguen: in litt:). Stipitata conferta, peridia globosa fulvo-ferruginea flexuoso-lineata, stipites sub-ramosi nigrescentes.

❋ 5. *Tr. nitens* = Pers: syn: p. 180. = Spr: l. c. *Tr: chrysosperma* Fries l. c. p. 187. = *Sphærocarpus chrytospermus* Bull: t. 417. f. 4. (Ad truncos putridos. *Pedem*: iisdem locis Balb: misc: bot: p. 52. Biroli fl: acon: II. p. 245. ambo sub *Sphœrocarpo chrysospermo*. Re fl: tor: II. p. 273. sub *Tr. nitente. Sabaud*: Huguen: in litt:). Conferta sessilis globosa flavo-aurantiaca nitida.

❋ 6. *Tr: ovata* = Pers: obs: I. p. 61. = Spr. l. c. *Tr: turbinata* Fries l. c. p. 187. = *Clathrus turbinatus* Bolt: fung: t. 94. f. 3. (In sylvis supra ligna putrida aut strata muscorum. *Sabaud*: Huguen: et Bonjean in litt:). Sessilis congesta obovata opaca ex ochraceo-citrina.

❋ 7. *Tr: clavata* = Spr: l. c. ex Pers: = *Tr: turbinata* DC. (Ad truncos putridos. *Sabaud*: Bonjean in litt:). Flava nitida, peridia clavata, stipes gracilis.

❋ 8. *Tr: olivacea* = Spr: l. c. ex Pers: (Ad truncos. *Sabaud*: Bonjean in litt:). Olivacea sessilis obovata basi truncata, capillitium compactum flavescens.

XXXIII. Physarum Pers: syn: p. 168. = Spr: syst: n. 3512. = Fries syst: mycol: III. p. 127. = *Sphœrocarpi*, *Trichiæ*, *Didymii*, *Cyonii* et *Reticulariœ* spec: nonnullæ quorund: (Inter *Gastromycetes Dermatogasteres* Spr:).

» *Perid*: determinatum sub-irregulare simplex mem-
» branaceum apice rumpens demum squamulatim fa-
» tiscens. *Flocci* imo peridio intus adnati, sporidiis
» agglomeratis. »

Obs: Genus floccis latentibus præsertim distinctum, constans 25. circiter stirpibus. Fungilli stipitati vel sessiles.

❋ 1. *Ph: hyalinum* = Pers: disp: meth: t. 2. f. 4. = Spr: syst: IV. 526. Fries l. c. p. 139. = *Sphœrocarpus utricularis* Bull: t. 417. f. 1. (Ad ligna emortua. *Pedem*: similibus locis signatim prope *il Casin* March: Barolo Balb: el: p. 11. Re fl: tor: II. p. 272. *Sabaud*: Huguen: in litt:). Stipitatum gregarium vel cæspitosum, peridium globosum læve albidum, stipes brevis flaccidus.

❋ 2. *Ph: nutans* = Pers: obs: p. 6. = Spr: l. c. Fries l. c. p. 128. = *Sphœrocarpus albus* Bull: t. 407. f. 3. et 470. f. 1. (In truncis et foliis mortuis humidis. *Pedem*: similibus locis præsertim supra Ulmorum cortices valde varians Bale: misc: bot: p. 51. Biroli fl: acon: II: p. 245. ambo sub *Sphœrocarpo albo*. Re fl: tor: II. p. 272. sub *Ph: nutante*. *Sabaud*:

Bonjean in litt:). Vix differt a priori statura *minori*, peridio *lenticulari ruguloso nutante*.

❀ 3. *Ph: viride* = Pers: obs: p. 6. = Spr: l. c. 527. *Ph: nutans* var *β* Fries l. c. p. 129. = *Sphærocarpus viridis* Bull: t. 407. f. 1. (Ad terram et in truncis mortuis. *Pedem*: in valle *Padi* super terram non infrequens Biroli fl: acon: II. p. 245. sub *Sphærocarpo*.). Gregarium, peridium lenticulare granulosum viride, sporidia nigrescentia, stipes elongatus gracilis lateritius.

❀ 4. *Ph: aurantium* = Pers: syn: p. 173. = *Ph: aureum* Spr: l. c. *Ph: striatum* var: c Fries l. c. p. 131. = *Sphœrocarpus aurantius* Bull: t. 484. f. 2. (Ad ligna emortua. *Pedem*: supra corticem Ulmorum post pluvias autumnales Re fl: tor: II. p. 272.). Gregarium, peridium sphæricum aurantiacum, sporidia fusco-nigrescentia, stipes niger erectus striatus basi incrassatus.

❀ 5. *Ph: columbinum* = Pers: syn: p. 173. = Spr: l. c. 527. Fries l. c. p. 136. = Ic: ? (Ad truncos putridos. *Subaud*: Huguen: et Bonjean in litt:). Subgregarium, peridium globosum nitidum primo flavescens dein violaceum versicolor, stipes niger.

❀ 6. *Ph: connatum* = Spr. l. c. 528. ex Schum: = Fries l. c. 137. = Fl: dan: t. 1310. (In truncis putridis. *Sabaud*: Bonjean in litt:). Peridia confertissima obovata crocea in stipites hyalinos decurrentia sporulis badiis.

❀ 7. *Ph: bivalve* = Pers: obs: I. t. 1. f. 2. 3. = Spr: l. c. 528. *Ph: sinuosum* Fries l. c. p. 145. = *Reticularia sinuosa* Bull: t. 446. f. 3. (Ad muscos,

folia exsiccata at ramulos deciduos in sylvaticis umbrosis. *Pedem*: similibus locis Biroli fl: acon: II. p. 252. sub *Reticularia sinuosa*). Sub-gregarium sessile compressum flexuosum cinereo-albidum elongato-sinuosum bivalvé sporulis concoloribus.

❋ 8. *Ph: capsuliferum* = Duby bot: gall: p. 861. = Sub *Trichia* DC. fl: fr: n. 684. = Sub *Sphærocarpo* Bull: t. 470. f. 2. (Super muscos. *Pedem*: similibus locis signatim super Sedum exangulare in h. magno *Valentini* et super emortua folia Carpini Betuli Balb: misc. bot: p. 52. sub *Sphærocarpo*. Prope *Venariam* Re fl: tor: II. p. 273. sub *Trichia*). Gregarium sub-sessile sub-ovoideum primo saturate cæruleum dein cinereum sporulis nigrescentibus. Omissum a Spr: et Fries, forsan sub *Ph: cinereo* comprehensum? Pro ejus var: habet cl: Desmaz sec: Duby l. c.

C *Fuliginoidei* Fries. *Fuligineæ*
Ad: Brougn: Duby (*Uterus* (*peridium*) sub-diformis sessilis, junior fluxilis, *sporidia* floccis discreta).

XXXIV. Spumaria Pers: syn: p. 162. = Spr: syst: n. 3522. = Fries syst: mycol: III. p. 94. inter *Tricospermos Myxogastres* = *Reticulariaæ* spec: 1. Bull: (Inter *Gastromycetes Æreogastres* Spr:).

» *Perid*: irregulare simplex membranaceum cellulosoflocosum in medio fatiscens. *Sporidia* in peridii plicis interioribus ascendentibus coacervata. »

Obs: Genus constans stirpibus 1-2.

✻ 1. *Sp*: *Mucilago* = Pers: syn: p. 163 = Spr: syst: IV. 532. = Nees syst: t. 8. f. 94. *Sp: alba* Fries l. c. p. 95. *Reticularia alba* Bull: t. 326. *Spumaria alba* DC. fl: fr: n. 704. Duby bot: gall: p. 863. (Ad caules, ramos vel folia decidua autum: *Pedem*: similibus locis Balb: el: p. 11. *Sabaud*: Huguen: in litt: sub *Sp*: *alba*). Gregaria conferta, peridia magna cæsio-albida plerumque pendula, sporidia nigra.

XXXV. Lycogala Pers: syn: p. 157. = Spr: syst: n. 3526. = Fries syst: myc: III. p. 79. inter *Tricospermos Myxogasteres* pro parte = *Lycoperdonis*, *Reticulariæ*, *Mucoris* et *Liceæ* spec: nonnullæ quorund: (Inter *Gastromycetes Æreogasteres* Spr: Inter *Trichiaceas* Duby).

» *Perid*: Sub-rotundum duplex, exter: in verrucas
» abiens, inter: persistens papyraceum apice dehiscens
» primum massa pulposa liquescente dein sporidiis
» filis capillaribus vagis raris intermixtis refertum. »

Obs: Genus constans ex Spr: 7. stirpibus. Fungi sessiles.

✻ 1. *L. argentea* = Pers: syn: p. 157 = *L. argenteum* Spr: syst: IV. 533. = *Reticularia Lycoperdon* Bull: t. 476. f. 1. A D. *Reticularia argentea* Duby bot: gall: p. 863. *R. umbrina* Fries l. c. p. 87. (Ad truncos putridos. *Pedem*: iisdem locis Balb: el: p. 11. Speciatim prope *il Casin* March: Barolo Re fl: tor: II. p. 271. In valle *Pisii* Cum: spec: p. 57. sub. *R. Lycoperdon*. Signatim *al Valentino* secus ludum *del paramalo* Bellard: app: p. 77.). Gregaria grandiuscula sub-hemisphærica albido-cæsia lævis sporidiis

umbrino - nigrescentibus. Variat præsertim superficie *punctata*, sporidiis *concoloribus* (*L. punctata* Auctor: *R. Lycoperdon* var: 4. Bull: l. c. f. 3.). *R. Lycoperdon* ejusdem Bull: t. 446. f. 4., quam huc refert cl: DC. fl: fr: n. 707. sub var: γ habetur a Duby l. c. pro specie distincta ad *Reticulariam* amandata (*R. fuliginoides*), quæ crescit in *Sabaud*: sec: Huguen: in litt:

❋ 2. *L. miniata* Pers: syn: p. 158. = *L. miniatum* Spr: l. c. *Lycogala Epidendrum* Fries l. c. p. 80. *Lycoperdon Epidendrum* L. sp: 1654. = Fl: dan: t. 760. Bull: t. 503. (Ad truncos putrescentes. *Pedem*: similibus locis Bellard: app: p. 76. Biroli fl: acon: II. 243. ambo sub *Lycoperdone Epidendro*. In sylvis *della Mandria* et in collibus *Taurin*: Re fl: tor: II. p. 271. sub *Lycogala miniata*. *Sabaud*: Huguen: et Bonjean in litt:). Differt a priori statura valde *minori*, colore primum *miniato* demum *fuscescente*, sporidiis *roseis*.

XXXVI. Reticularia Bull: champ: p. 85. = Fries syst: myc: III. p. 83. pro parte = Duby bot: gall: p. 862. excl: paucis stirpibus ad *Lycogalam argenteam* amandandis = *Fuliginis* spec: quorund:

» *Perid*: indeterminatum simplex membranaceum
» rumpens. *Sporidia* coacervata floccis basi adnatis
» ramosis intertexta. »

Obs: Genus constans paucis stirpibus etiam pro genere dubiis.

❋ 1. *R. sphœroidalis* = Bull. t. 446. f. 2. = DC. fl: fr: n. 699. = Michel: gen: t. 95. f. 3. (In ramis

et foliis mortuis. *Pedem*: similibus locis Balb: misc: bot: p. 50. Re fl: tor: II. p. 271. Biroli fl: acon: II. p. 251. Cum: spec: p. 58.). Gregaria minima sessilis globosa alba demum rosea; ora insectorum prorsus simulat. An *Diderma globosum* Fries sec: observationem ejusdem Auctoris l. c. p. 106?

❀ 2. *R. nigra* = Bull: t. 380. f. 2. = DC. fl: fr: n. 698. (In ramis et truncis emarcidis. *Pedem*: similibus locis Balb: misc: bot: p. 49. Re fl: tor: II p. 271. Biroli fl: acon: II. p. 251.). Minima sparsa papulæformis biennis primum pellucida cinerea demum nigra. An *Didymium farinaceum* vel *lobatum* Fries l. c. p: 119. 121.?

❀ ? 3. *R. rosea* = DC. in bull: phys: n. 14. f. 8. A B C (In rimis truncorum cæsorum et humidorum. *Pedem*: in valle *Pisii* supra ramos putridos Betulæ albæ in claustro *Carthusiœ* Cum: spec: p. 58.). Minima rosea pulposa primum irregulariter papillata demum confluens in maculam albo-reticulatam breviter stipitatam. Diagnosis Cum: nimis brevis ut comparata cum descr: et ic: cl: DC. eruere possim utrum de eadem stirpe ambo locuti sint. An eadem ac *Fuligo rosea* Bull: monente Steud: ? De hac silent ceteri Auctores.

❀ 4. *R. hemisphœrica* = DC. fl: fr. II. p. 258. = Bull: t. 446. f. 1. = Sub *Didymio* Fries l. c. p. 115. *Fuligo* quorund: (In foliis emortuis. *Sabaud*: Bonjean in litt:). Primo alba mollis sub-spumosa dein compacta grisea demum nigra, peridium convexum demum sub-orbiculare brevi-stipitatum, sporidia nigrescentia.

✻ 5. *R. straminea* = Cum: spec: p. 58. (Supra folia putrida Tiliarum, Castanearum et Ulmorum rarissima Cum: l. c.). Minima sphæroideo-oblonga tenerrima, peridium læve nitidum fulvo-stramineum, sporidia nigro-furruginea. Quid apud alios Auctores?

XXXVII. Fuligo Pers: syn: p. 159. = Duby bot: gall: p. 863. = *Æthalii*, *Didermæ* et *Reticulariæ* spec: Fries.

» *Perid*: difforme duplex, exter: fibrosum evanescens, inter: membranaceo-cellulare fatiscens. *Sporidia* conferta stratis membranaceis intersepta. »

Obs: Genus constans 3-4. stirpibus pulposis mollibus demum in pulverem abeuntibus.

✻ 1. *F. flava* = Pers: syn: p. 159. = *Reticularia lutea* Bull: t. 380. f. 10. = *Æthalium flavum* Nees syst: t. 8. f. 92. et Spr: syst: IV. 533. ex Linck: *Mucor septicus* L. sec: Steud: *Æthalium septicum* var: α Fries l. c. p. 93. (Ad terram, muscos, folia et caules emortuos aut vivos autumn: *Pedem*: similibus locis All: n. 2800. Re fl: segus: p. 93. sub *Mucore septico*. *Sabaud*: similibus locis Huguen: in litt:). Valde effusa sub-rotunda flava primo spumam referens demum solidior sub-tomentosa, sporidia fusco-nigricantia.

✻ 2. *F. hortensis* = Duby bot: gall: p. 863. = Sub *Reticularia* Bull: t. 424. f. 2. aliique = *Diderma spumarioides* Fries l. c. p. 104. (Cum priori. *Pedem*: Balb: el: p. 7. sub *Reticularia*. In h. Ripul: sæpe vidi præsertim in calidario supra stratos pulveris coriarii, (*tannée*). Omissa a Spr:; ad priorem a Steud: aman-

data; differt tamen statura valde majori, spuma magis effusa alba; solidior facta flavo - cinnamomea evadit extus pulverulenta intus celluloso-fibrosa brunnea.

❀ 3. *F. carnosa* = Duby l. c. = Sub *Reticularia* Bull: t. 424. f. 1. aliique = *Æthalium septicum* var:? Fries l. c. p. 94. in obs: (Ad terram. Similibus locis in sylvis vallis *Pisii* tota æst: Cum: spec: p. 56. sub *Reticularia*). Præcedentium minor sub-rotunda albido-flavescens duriuscula persistens gossypina cellulosa dein compacta, sporidia nigra; provectiori ætate dissecta variegata adparet ut Tuber nigrum.

D *Liceoidei* Fries. *Trichiacearum* pars
Ad: Brougn: Duby (*Flocci* obsoleti).

XXXVIII. Licea Schrad: nov: pl: gen: p. 16. = Spr: syst: n. 3503. = Fries syst: myc: III. p. 193. pro parte inter *Trichospermos Myxogastres Trichiaceos* = *Liceæ*, *Perichænæ*, *Tubulinæ*, *Sphærocarpi*, et *Trichiæ* spec: nonnullæ quorund: (Inter *Gastromycetes Dermatogasteres* Spr: Inter *Trichiaceas* Duby).

» *Perid*: papyraceum determinatum simplex persi-
» stens læve globosum vel cylindricum demum cir-
» cumscissum vel irregulariter ruptum. *Sporidia* opaca
» congesta. »

Obs: Genus constans ex Spr: 8-10. stirpibus. Fungi minimi sub-sessiles sub-hemisphærici peridio circumscisso floccis raris (*Perichæna*), vel sessiles tubulosi peridio irregulariter rupto floccis nullis (*Tubulina*).

❀ 1. *L. strobilina* = Alb: et Schw: t. 6. f. 3. =

Spr: syst: IV. 524. = Sub *Perichæna* Grev: crypt: fl: t. 275. Fries l. c. p. 191. (In squamis strobilorum Abietis. *Sabaud:* Bonjean in litt:). Dense aggregata sub-sessilis, peridia sub-rotundo-oblonga fusca circumscissa, sporidia sordide flavida.

❀ 2. *L. circumscissa* = Pers: syn: p. 196. = Spr: l. c. = *Trichia gymnosperma* Pers: obs: myc: I. t. 6. f. 1. 2. *Sphærocarpus sessilis* Bull: t. 417. f. 5. *Perichæna populina* Fries l. c. p. 191. (Ad ligna emortua autumn: *Sabaud:* similibus locis Huguen: in litt:). Sessilis gregaria depresso-globosa nitida circumscissa extus spadicea intus flavida.

❀ 3. *L. cylindrica* = Fries l. c. p. 195. = Duby bot: gall: p. 862. Sub *Tubulina* DC. fl: fr: n. 675. = Sub *Sphærocarpo* Bull: t. 470. f. 3. (Ad ligna emortua. *Pedem:* in emarcido Fraxino legit Biroli fl: acon: II. p. 246. sub *Sphærocarpo*). Sessilis aggregata tubulosa cylindrica sub-incurva subiculo albido imposita prima ætate apice alba hinc undique ferruginea. Ex syn: Batsch: videtur confusa a Spr: cum seq:

❀ 4. *L. fragiformis* = Nees syst: t. 8. f. 102. = Spr: l. c. 524. Fries l. c. p. 196. Sub *Tubulina* Pers: DC. = Sub *Sphærocarpo* Bull: t. 384. (Ad ligna emortua autumn: Similibus locis et super Hypna et Brya in valle *Pisii* Cum: spec: p. 61. *Sabaud:* similibus locis Huguen: in litt:). Differt a priori peridiis constanter *unicoloribus* primo *rubris* demum *rubiginosis*, basi magis *attenuatis* apice inæqualiter *dentatis*.

Sect: III.

Mucoroidei nunc inter *Hyphomycetes* Fries.
Mucedineæ Mucoreæ pro parte Duby
(*Uterus* stipite floccoso, membranaceus. *Sporidia* absque receptaculis partialibus. Gen: 4. ex Fries).

XXXXIX. Mucor Linck: sp: pl: VI. p. 80. = Duby bot: gall: p. 914. = Fries syst: myc: III. p. 317. inter *Hyphomycetes Mucorinos* = *Mucoris*, *Ascophoræ*, *Byssi*, *Racodii*, *Dematii*, *Hydrophoræ* spec: nonnullæ quorund: (Inter *Gastromycetes Mucores* Spr: n. 3537.).

» *Flocci* (*filamenta* Duby, *fibræ* Spr:) steriles de-
» cumbentes sæpe lanæformes, fertiles erecti septati
» simplices aut ramosi, peridiolis solitariis sub-glo-
» bosis rumpentibus aut persistentibus terminati. Spo-
» ridia simplicia globosa. »

Obs: Genus constans ex Spr: 20. stirpibus. Fungilli fugaces.

❋ 1. *M. Juglandis* = Linck: l. c. = Duby l. c. Fries l. c. p. 318. Spr: syst: IV. 539. sub *M. flavido* ex Pers: = Nees fung: f. 76. pro *M. flavido* (In fungis et fructibus putrescentibus. *Sabaud*: Huguen: in litt:). Lanæformis, flocci albi fertiles ramosi breves peridiolis globosis flavis demum verrucosis (lutescentibus demum griseis in *M. flavido*).

❋ 2. *M. Mucedo* = L. sp: 1655. non Pers: ? = Spr: l. c. Fries l. c. p. 320. = Bolt: fung: III. t. 132. f. 1. h. V. 1. Vern: *Mouffa* (In variis corporibus pu-

trescentibus. *Pedem*: similibus locis ALL: n. 2796. BALB: fl: taur: p. 194. RE fl: tor: II. p. 275. BIROLI fl: acon: II. p. 251.). Effusus, flocci intricati albi fertiles simplices peridiolis sporidiisque globosis concoloribus demum nigrescentibus.

❋ 3. *M. ascophorus* = Linck: l. c. p. 85. = Duby l. c. Spr: l. c. sub *M. Mucedine* = *M. sphærocephalus* Bull: t. 480. f. 2. *Ascophora Mucedo* Tod: Meck: t. 3. f. 22. Fries l. c. p. 310. (Cum priori). An huc referendus *M. sphærocephalus* ALL: n. 2794. ex L. valde dubito; ad *Calicium lenticulare* plantam L. amandat STEUD: *M. ascophorus* LINCK: differt tantum a *M. Mucedine* floccis lanæformibus.

❋ 4. *M. Hydrophora* = Pers: syn: p. 202. = Duby l. c. *M. aquosus* Spr: l. c. ex Mart: male = *Hydrophora minima* Tod: Meck: II. t. 8. f. 65. Fries l. c. p. 316. (In ramulis dejectis exsiccatis præcipue Fagi, inque variis substantiis putrescentibus. *Sabaud*: HUGUEN: in litt:). Nudis oculis vix conspicuus, flocci steriles obsoleti, fertiles simplices aggregati rigidiusculi lutescentes peridiolis crystallinis. *M. aquosus* MART: differt floccis fertilibus *albis*, peridiolis pallide *ochraceis*; invenitur ad ligna in aqua demersa.

Species mihi magis dubiæ.

❋ 5. *M. flocculentus* = Balb: de crep: p. 9. t. 2. (Super Pezizam auriculam in sylva horti *di Villastellone* BALB: l. c. et fl: taur: p. 194. RE fl: tor: II. p. 275.). Sparsus stipitatus, flocci cinerei confertissimi (an omnes fertiles?) peridiolis globosis concoloribus sporidiis nigrescentibus (stipites basi dilatati

sensim gracilescentes). Plantam hanc a Mycologis omissam ut sciam non vidi; ex descr: et ic: Auctoris floccorum structura erui non potest.

❀ 6. *M. fruticulosus* = Cum: spec: p. 66. (In valle *Pisii* supra putrida ligna in cellis vinariis Cum: l. c.). » Luteus stipitatus ramosus clavariæformis, ramis sim- » plicibus apice pericarpia gerentibus. » Cum: Pariter omissus ab Auctoribus.

❀ 7. *M. villosus* = Bull: t. 504. f. 15. = Sub *Stilbo* Mérat fl: par: ed: 2. t. I. p. 18. = Fries l. c. p. 301. (Ad semitas in sylvis collium *Taurin*: super stercus caprinum Balb: de crep: p. 10. et fl: taur: p. 194. Re fl: tor: II. p. 275.). « Sparsus villoso-pube- » scens, stipitibus crassis simplicibus brevissimis, pe- » ricarpiis vesiculosis ex sub-rotundo-ovatis. » Bull: I. p. 110. Omissus a Spr:

❀ 8. *M. virens* = Gmel: syst: veg: p. 1486. = Fries l. c. p. 323. (In semi-putrido ligno una cum Clavaria penicillata Balb: de crep: p. 9. et fl: taur: p. 194. Re fl: tor: II. p. 275.). « Thalassinus capi- » tulo globoso. » Gmel: Fries non citat Gmel:; an alia planta?

❀? 9. *M. Embolus* = L. syst: ed: Murr: p. 802. = *Stemonitis ovata* Fries l. c. p. 160. = Ic: ? (In vegetabilibus putrescentibus Re fl: segus: p. 93.). Perenn:, seta nigra villo fusco L.

❀? 10. *M. cæspitosus* = L. l. c. non Bolt: = *Monilia digitata* Fries l. c. p. 411. = Michel: gen: t. 91. f. 3. (Cum priori Re l. c.). Fugax stipite ramoso spicis ternatis L. *M. cæspitosus* Bolt: pertinet ad *M. cæspitosum* var: β (*Monilia racemosa* Fries l. c.).

Sect: IV.

Perisporia Fries. *Mucedineæ mucosæ* pro parte Duby (*Uterus* sessilis simplicissimus. *Sporidia* absque receptaculis partialibus. Gen: 3. ex Fries *Xylomaceis* proxima).

XL. Eurotium Linck: obs: I. p. 29. = Spr: syst: n. 3507. inter *Gastromycetes Dematogasteres* = Fries syst: myc: III. p. 331. inter *Hyphomycetes Mucorinos.*

» *Flocci* (*filamenta* Duby, *stroma* Spr:) decum-
» bentes ramosi septati effusi raro obliterati. *Peri-*
» *diola* solitaria sessilia sphærica adnata dehiscentia.
» *Sporidia* agglomerata. »

Obs: Genus constans 3 - 4. stirpibus tenuissimis punctiformibus.

❋ 1. *E. herbariorum* = Linck: obs: I. f. 44. = Spr: syst: IV. 525. = Nees fung: f. 97. Fries l. c. p. 332. Sub *Mucore* Wigg: aliique (In vegetabilibus siccis putrescentibus. Sæpe vidi in herbariis ad plantas male exsiccatas). Gregarium punctiforme, flocci albidi peridiolis flavis.

Ordo CCXIII.

HYPHOMYCETES

(Fries syst: myc: introd: p. LXII. et vol: III. p. 261.).

» *Thallus* floccosus, floccis perfecte evolutis. Fungus e cellulis discretis contiguis fila (*fibræ*) elongata simplicia vel ramosa formantibus. *Receptaculum* sæpe nullum et tunc sporidia nuda, vel rarius subdistinctum (in *Cephalotrichis*), et tum sporidiis inspersum. »

Sect: I.

Cephalotrichi ordo proprius Fries. *Hyphomycetes Cephalotrichi* Spr: *Uredineæ Cephalotricheæ* Duby (Receptaculum distinctum floccis obductum, sporidiis inspersis. Gen: 8. ex Fries).

I. Periconia Tod: Meck: II. p. 2. = Duby bot: gall: p. 877. = Fries syst: mycol: III. p. 307. sed inter *Mucorinos* = *Mucoris*, *Stilbi*, *Cephalotrichi* et *Isariæ* spec: nonnullæ quorund:

» *Receptac*: stipitiforme firmum siccum subulatum terminatum capitulo rotundo sporidiis tecto. »

Obs: Genus obscurum, constans ex Duby 3. stirpibus. Fungilli gregarii herbarum et ramulorum emortuorum incolæ.

❋ 1. *P. lichenoides* = Tod: l. c. t. 8. f. 61. =

Fries et Duby ll. cc. = Sub *Mucore* Spr: syst: IV. 539. (*Sabaud:* Huguen: in litt:). Minutissima, stipes capillaris rectus rigidiusculus demum argenteus capitulo globoso vesiculari.

II. Isaria Pers: syn: p. 687. = Spr: syst: n. 3547. = Fries syst: myc: III. p. 270. = *Clavariæ*, *Fibrillariæ*, *Amphicordæ*, *Ceratonemæ*, *Hydni* spec: nonnullæ quorund:

» *Receptac*: elongatum continuum simplex aut ra-
» mosum persistens ad extremitates clavatum fibro-
» sum vel carnosum floccis obductum. *Sporidia* mi-
» nutissima globosa numerosa floccis inspersa. »

Obs: Genus constans ex Spr: 20. circiter stirpibus, inter quas nonnullæ pro genere obscuræ. Fungilli fugaces sæpius in insectorum cadaveribus enascentes, rarius in lignis emortuis.

❋ 1. *I. crassa* = Pers: syn: p. 687. = *I. crassa* et *velutipes* Spr: syst: IV. 545. = *I. velutipes* Linck: obs: I. p. 18. f. 32. *I. farinosa* Fries l. c. p. 271. Sowerb: fung: t. 308. (Ad larvas et chrysalides emortuas. *Sabaud*: Huguen: in litt:). Variabilis, junior clavata simplex filamentis obtecta (*I. velutipes*), dein basi glabra apice compressa (*I. crassa*), tandem ramulosa.

❋ 2. *I. epiphylla* = Pers: syn: p. 688. = Spr: l. c. Fries l. c. p. 276. = Ic:? (Ad folia exsiccata præsertim Fagi et Populi autumn: - vere. *Sabaud*: Huguen: in litt:). Cæspitosa, stipes simplex elongatus clavatus filamentis albo-farinosis.

❋ 3. *I. umbrina* = Pers: ic: pict: IV. t. 24. f. 1.

= Spr: l. c. 544. = Fries l. c. p. 284. (Ad ramos dejectos et truncos putridos. *Sabaud*: Huguen: in litt:). Gregaria, stipites basi connati partiti toti filamentosi umbrini.

❀ 4. *I. carnea* = Pers: obs: myc: I. t. 2. f. 6. 7. = Spr: l. c. 545. = *Dactylium macrosporum* Fries l. c. p. 114. *Botrytis macrospora* Dittm: ap: Sturm: 4. t. 50. (Super muscos et folia sicca. *Sabaud*: Huguen: in litt:). Effusa sub - evanescens primo albida dein carnea, stipes flaccidus albus.

❀ 5. *I. saccharina* = Pers: syn: p. 689. = Duby bot: gall: p. 879. *Sporotrichum Fungorum* Spr: l. c. 548. ex Linck: = Ic:? (In Agaricis emortuis. *Pedem:* detecta a Bertero in *Albensibus* sylvis supra Telephoram hirsutam Re app: II. p. 224.). Effusa candida filamentis parcis intertextis pulvere denso dispergibili obtecta.

III. Ceratium Alb: et Schw: nisk: p. 358. = Fries syst: myc: III. p. 293. = *Isariæ* spec: Pers: Spr:

» *Receptac:* membranaceo-plicatum ramulosum flu-
» xile e floccis apice prominulis ibique *sporidia* so-
» litaria gerentibus contextum. »

Obs: Genus characteribus allatis ab *Isaria* diremptum, paucis constans stirpibus minutis truncorum putrescentium incolis.

❀ 1. *C. hydnoides* = Alb: et Schw: l. c. t. 2. f. 7. = Fries l. c. p. 294. = *Isaria mucida* Spr: syst: IV. 544. ex Pers: *Clavaria byssoides* Bull: t. 415. f. 2. *Byssus fruticulosa* Mull: aliique (Ad truncos putrescentes fagineos post pluvias æst: *Pedem*: supra ligna

semi-putrida Re fl: tor: II. p. 330. sub *Isaria mucida.* Iisdem locis et in emortuis foliis in collibus *Taurin*: Balb: misc: bot: p. 54. et fl: taur: p. 202. sub *Clavaria byssoidea.* Supra truncum emarcidum circa ludum *del Paramale* Bellard: app: p. 70. sub *Bysso fruticulosa. Sabaud*: Bonjean in litt: sub *Isaria furcellata.* Huguen: in litt: sub *C. hydnoideo*). Stipites aggregati connati ramosi albi. *I. furcellata* Mart: pro sola var: *I. mucidæ* habetur a Spr:

❋ 2. *C. pyxidatum* = Alb: et Schw: l. c. t. 19. f. 9. = Sub *Isaria* Spr: l. c. 545. (Ad ligna semiputrida. *Sabaud*: Huguen: in litt:). Priori brevius, stipites basi simplices apice radiatim partiti albo-cinerei. Cl: Fries cum priori conjungit.

Sect: II.

Stilboidei ordo proprius Fries
(*Fibræ* in receptaculum concretæ. *Sporidia* in capitulo discreto denudato inclusa.
Genus unicum ex Fries).

IV. Stilbum Tod: Meckl: I. p. 11. = Spr: syst: n. 3548. = Fries syst: myc: III. p. 299. inter *Hyphomycetes Mucorinos* (Inter *Hyphomycetes Cephalotrichos* Spr: Inter *Mucedineas Mucoreas* Ad: Brougn: Duby).

» Char: sectionis. »

Obs: Genus constans ex Spr: 21. circiter stirpibus. Fungilli gregarii fugaces locorum humidorum incolæ.

❋ 1. *St: rigidum* = Pers: in Ust: ann: bot: I. p. 32. t. 2. f. 2. = Spr: syst: 546. = Fries l. c. p. 302.

(Ad truncos putridos vere. *Sabaud:* similibus locis Bonjean in litt:). Gregarium subulatum rigidum nigrum persistens, capitulum azureo - lacteum demum griseum deciduum.

❋ 2. *St: nigrum* = Schrad: ex Schleich: cent: exsic: n. 99. sec: Duby bot: gall: p. 913. = *Sporocybe calicioides* Fries l. c. p. 342. = *Calicium haustellare* Ach: in vet: ac: Handl: 1816. t. 5. f. 6. sec: Fries (Ad corticem Juniperi. *Sabaud:* iisdem locis Huguen: in litt:). Vix differt a priori capitulo *nigro persistente.* Omissum a Spr:

❋ 3. *St: vulgare* = Tod: Meckl: I. t. 2. f. 16. = Spr: l. c. = Fries l. c. p. 305. (Ad herbas mortuas frequens autumn: *Sabaud:* similibus locis Huguen: in litt:). Minutissimum ac vix oculis nudis conspicuum cylindricum sub - gelatinosum albidum demum flavescens, capitulum globosum concolor.

❋ 4. *St: villosum* = Mérat fl: par: ed: 2. p. 18. = Duby bot: gall: p. 913. Fries l. c. p. 301. = Sub *Mucore* Bull: t. 504. f. 15. *Stilbum fimetarium* Pers: sec: Duby l. c. (Ad fimum præsertim canis, capreoli, cervi etc. *Sabaud:* Huguen: in litt:). Confertum crassiusculum lutescens sub-tomentosum, capitulum turbinatum diaphanum albidum evanescens. Synon: Pers: a Duby allatum refert Spr: ad *Mucorem caninum;* de illo silet Mérat.

❋ 5. *St: rubicundum* = Tod: Meckl: I. p. 11. t. 2. f. 18. = Spr: l. c. 247. = Fries l. c. p. 305. in obs: (In truncis Fagorum. *Sabaud:* Bonjean in litt:). Capillare læve rubicundum, capitulum ovatum compressum candidum.

Sect: III.

Inomycetes Fries syst: myc: introd: p. LXIII. in 2. sub - ordines distinctus (*Fibræ* geminæ sub-septatæ. *Receptac:* o.).

A *Byssacei* Subordo Fries (*Fibræ* eutosporæ opacæ, fructiferæ articulatæ, steriles contiguæ).

α Hymenotrichi (*Fibræ nudæ concretæ sub-asporæ.* Gen: 3.).

V. Rhizomorpha Roth: cat: bot: I. p. 231. = Spr: syst: n. 2543. = *Myceliæ*, *Telephoræ*, *Sphæriæ*, *Polypori* spec: Fries in textu (Inter *Lycoperdaceas Sclerotiaceas* Ad: Brougn: Duby).

» *Peridia?* sub-globosa bi-cuspidata demum utroque » apice poro dehiscentia, fibris rigidis crustaceo-cor- » ticatis elongatis radiciformibus medulla villosa far- » ctis adnata, intus primo compacta dein pulveru- » lenta. »

Obs: Genus fructificatione valde obscura, aberrans et ludens inter Lichenes et Fungos byssaceos (*Pseudofungi* DC.), constans ex Spr: 16. stirpibus.

❋ 1. *Rh*: *fragilis* = Roth: l. c. p. 232. = *Rh*: *subcorticalis* Spr: syst: IV. 542. ex Pers: = Michel: gen: t. 66. (Sub cortice variarum arborum. *Pedem*: similibus locis in collibus Balb: misc: bot: p. 68. et fl: taur: p. 196. Re fl: tor: II. p. 332. Prope *Venariam* Re app: II. p. 213. sub *Rh*: *subcorticali*. *Sabaud*:

Huguen: et Bonjean in litt:). Fusca nitida ramosa fragilis ramis canaliculatis ramulis fibrillosis sub-anastomosantibus. Variat multimode propter locum in ipso ligno tum statura cum figura ramorum plus minus tereti vel compressa, unde variis nominibus venit apud Auctores. Cons: DC. fl: fr: n. 751. Cl: Fries el: II. p. 59. *Rh: subcorticalem* Pers: refert dubitanter ad *Sphæriam Hypoxylon.*

❋ 2. *Rh: setiformis* = Roth: l. c. p. 235. = *Ceratonema hippotrichoides* Pers: myc: eur: = *Hypoxylon loculiferum* Bull: t. 495. f. 1. pro var: β sec: DC. fl: fr: n. 752. Dill: musc: t. 13. f. 11. B pro typo et A pro dicta var: (In cryptis super trabes, in arboribus cavis et in foliis dejectis. *Pedem*: in valle *Sessitis* Biroli fl: acon: II. p. 246. *Sabaud*: Huguen: in litt:). Teres gracillima filiformis nigra rigida subsimplex apice breviter ramosa hinc inde tuberculis minutissimis (*sporidia?*) adspersa. Cl: Spr: syst: IV. 434. stirpem hanc enumerat sub *Agarico androsaceo* L. forsan ex Fries syst: myc: I. p. 137. qui putat illam esse ejusdem *Agarici* radices. Stirps ceterum pro genere valde dubia. Cons: syn: in Steud: sub *Ceratonema hypotrichoidea.*

VI. Ozonium Linck: obs: I. p. 19. = *Ozonii*, *Byssi* et *Hymantiæ* spec: nonnullæ quorund: = *Mycelia Hymenomycetum* sec: Fries syst: myc: III. p. 265. (Inter *Mucedineas Byssineas* Ad: Brougn: Duby).

» *Filamenta* decumbentia in ramos majores vel mi-
» nores apposita; majores crassiores teretes non se-
» ptati, minores tenuiores septati. »

Obs: Genus dubium constans 3 - 4. fungillis plus minus effusis tomentum referentibus, in locis obscuris nascentibus.

❋ 1. *O. auricomum* = Linck: l. c. = Grev: crypt: fl: t. 260. = *Himantia fulva* Spr: syst: IV. 559. *Rhizomorpha capillaris* Roth: in Ust: ann: bot: I. t. 1. f. 3. *Dematium strigosum* Pers: An *Thelephora sulphurea* Fries? (Ad truncos cæsos. *Pedem*: iisdem locis in sylvis collium *Taurin*: Balb: el: p. 11. Re fl: tor: II. p. 330. et app: II. p. 224. ambo sub *Dematio strigoso*. *Sabaud*: similibus locis Huguen: et Bonjean in litt:, hic sub *O. fulvo*). Cæspitosum incumbens nitidum, filamenta ramosissima vitellina sub-rigida divergentia extima tenuissima. Huc videtur pertinere *Byssus fulva* Huds: a cl: Bellard: (app: p. 71.) reperta supra trabes putrescentes retro Euleriam *S. Philippi*.

❋ 2. *O. aureum* = Duby bot: gall: p. 934. = Sub *Bysso* L. sp: 1638. Sub *Amphiconio* Spr: l. c. 344. *Dematium petræum* Pers: = Dill: musc: t. 1. f. 16. (Ad muscos et lapides præsertim calcarios. *Pedem:* super trabes humidas Re fl: tor: II. p. 330. sub *Dematio petræo*. *Sabaud*: similibus locis Huguen: in litt:). Pulvinatum rotundum convexum molle sub-confluens, filamenta flexuosa ramosa aurea dein flavescentia ramis elongatis patentibus rigidiusculis.

❋ 3. *O. stuposum* = Pers: myc: eur: I. p. 87. = Sub *Dematio* Pers: syn: p. 696. *Byssus intertexta* DC. fl: fr: n. 167. = Ic:? (Ad trabes putrescentes in locis subterraneis. *Pedem*: repertum dicitur ad calcem mortariam marmoream a Cappel: cat: H. Taur: an: 1821.

p. 65. Re fl: tor: II. p. 330. sub *Dematio;* sed cl: Comes Cordero humaniter monuit in litt:, substantiam a Cappel: repertam vidisse non ad calcem marmoream, sed ad truncum arboreum mortarium ipsum sustinentem in retroofficina D. Pharmacopolæ Rasini. *Sabaud:* Bonjean in litt:). Magnum sub-implicatum descendens, filamenta ramosa umbrina hinc inde fulva glabra extima tenuiora. Quid in Spr:?

❀ 4. *O. candidum* = Mart: erlang: p. 358. = *Himantia candida* et *plumosa* Pers: syn: p. 703. et myc: eur: I. p. 90. = Grev: crypt: fl: t. 228. Sub *Bysso* Huds: aliique. *Sporotrichum plumosum* Spr: l. c. 547. (Ad folia et ramos putrescentes. *Pedem:* similibus locis All: auct: p. 53. Balb: fl: taur: p. 192. sub *Bysso*. Præsertim *Albæ* ad folia Fagi Castaneæ Berter: in Re app: II. p. 224. sub *Himantia plumosa*. In agro *Taurin:* Re fl: tor: II. p. 332. sub *H. candida*. *Sabaud:* Huguen: et Bonjean in litt: ambo sub *Ozonio candido*). Incumbens candidum tenerum, filamenta radiatim et eleganter expansa ramosissima alba.

β Gasterotrichi Fries (*Fibræ fertiles velatæ liberæ articulatæ*. Gen: 3.
Spec: perpaucæ obscuræ mihi ignotæ).

γ Byssi solidi Fries (*Fibræ genuinæ nudæ disjunctæ, fertiles articulatæ*).

1. Helmisporia.

(*Fibræ primariæ erectæ rigidæ continuæ, secundariæ* (fertiles *sporidia* vulgo dictæ) *septatæ secedentes.* Gen: 4.).

VII. Helminthosporium Linck: obs: I. p. 8. et II. p. 38. = Fries syst: myc: III. p. 354. inter *Hyphomycetes Dematicos* = *Helmisporium* Spr: syst: n. 3558. = *Dematii, Hypoxylonis, Sphæriæ, Pucciniæ, Erinei, Cælosporii* spec: nonnullæ quorund: (Inter *Hyphomycetes Byssoideos* Spr: Inter *Mucedineas Byssaceas* Ad: Brougn: Duby).

» *Filamenta* erecta rigida simplicia aut ramosa » opaca continua aggregata vel sparsa. *Sporidia* se- » ptata pellucida filamentis inspersa decidua. »

Obs: Genus constans 7 - 8. stirpibus ex Spr:, 15. ex Fries. Fungilli lignicoli rarius ad gramina.

❋ 1. *H. velutinum* = Linck: obs: I. p. 8. f. 9. = Spr: syst: IV. 554. = Nees fung: f. 65. B. Fries l. c. p. 359. *Hypoxylon ciliare* Bull: t. 468. f. 1. sec: Duby. Sub *Dematio* Pers: Sub *Sphæria* DC. (In ramulis dejectis. In valle *Pisii* verticibus truncorum Fagi crustas amplas format Cum: spec: p. 53. *Sabaud:* Huguen: in litt:). Filamenta dense aggregata ramosa obtusa nigra, sporidia cylindrica versus basim filamentorum adnata obtusata sub-diaphana. Cl: Fries l. c.

p. 355. *Hypoxylon ciliare* Bull: ad species indefinitas amandat.

❋ 2. *H. simplex* = Nees in nov: act: Ac: cæsar: Leopold: IX. t. 5. f. 4. = Spr: l. c. = Fries l. c. p. 359. (Ad lignum internum annosarum Salicum. *Sabaud:* iisdem locis Huguen: in litt:). Dense cæspitosum effusum, filamenta vix conspicua simplicia atra sporidiis oblongis utrinque attenuatis undique adspersa.

❋ 3. *H. Cheiranthi* = Duby bot: gall: p. 929. ex Libert: = Sub *Macrosporio* Fries l. c. p. 374. = Ic:? (Ad Cheiranthum Cheiri æst: *Sabaud*: similibus locis Huguen: in litt:). Filamenta ramosa grisea pellucida septata fugacissima, sporidia crebra magna pyriformia nigra sub-stipitata.

VIII. Cladosporina Linck: diss: II. p. 37. = Spr: syst: n. 2553. = Fries syst: mycol: III. p. 368. = *Dematii* spec: Pers: (Ad eandem divisionem ac præcedens Spr: Duby).

» *Filamenta* apicibus tantum septata articulis de-
» mum in sporidia secedentibus. »

Obs: Genus constans 4-5 stirpibus epiphytis.

❋ 1. *Cl. herbarum* = Linck: l. c. = Spr: syst: IV. 553. = Nees fung: f. 64. Fries l. c. p. 370. (In caulibus exsiccatis, in asseribus, fungis etc. *Pedem*: similibus locis Balb: el: p. 4. sub *Dematio*. *Sabaud*: Huguen: Bonjean in litt:). Dense aggregatum simpliciusculum olivaceum, sporidia ovato-globosa concoloria.

2. Racodia

(*Fibræ continuæ granuliferæ ; granulæ intus fibris moniliformibus.* Gen: 2.).

IX. Racodium Linck: obs: I. p. 18. = *Byssi*, *Dematii*, et *Rhacodii* spec: nonnullæ quorund: = *Thelephoræ*, *Myxotrichi*, *Antennariæ*, *Mucoris*, *OEdamii*, *Sporocybes*, *Raduli* spec: Fries (Ad eandem divisionem Duby).

» *Filamenta* ramosa decumbentia persistentia in
» subiculum laxe contenta. *Granulæ* globulosæ, e qui-
» bus delabunt sporulæ simplices nudæ opacæ. »

Obs: Genus obscurissimum, constans stirpibus cryptophilis tomentum plus minus densum referentibus.

❋ 1. *R. cellare* = Pers: syn: p. 701. = Nees fung: p. 20. f. 70. = Sub *Rhacodio* Spr: syst: IV. 557. Sub *Antennaria* Fries l. c. p. 228. *Byssus cellaris* Scop:? *Byssus cryptarum* DC. fl: fr: n. 166. Dill: musc: t. 1. f. 12. (In cellis dolia vinaria obducens. *Pedem*: similibus locis Re fl: tor: II. p. 332. Bellard: app: p. 71. *Sabaud*: Bonjean in litt:). Late expansum, filamenta mollissima flavescentia demum atra globulis concoloribus.

❋ 2. *R. vulgare* = Duby bot: gall: p. 928. = Sub *Rhacodio* Spr: syst: IV. 557. = Ic: ? (Ad ligna. *Sabaud*: Huguen in litt:). Speciem non vidi, secus Duby expansa mollis laxe contexta nigra filamentis æqualibus. A Fries enumeratur tantum in indice p. 151. eique tribuitur syn: *Mycelia sphærica.*

X. Dematium Linck: obs: I. p. 19. = Fries syst: mycol: III. p. 362. ad eundem ordinem ac præcedens = *Rhacodii*, *Byssi*, *Xylostromatis* spec: nonnullæ quorund: (Ad eandem divisionem Duby).

» *Filamenta* ramosa decumbentia intertexta non » septata opaca persistentia. »

Obs: Genus pariter obscurum, et forsan variæ species statu sterili dubiæ ad alia genera referendæ.

❀ 1. *D. rupestre* = Linck: l. c. = Spr: syst: IV. 559. = Nees fung: f. 73. Sub *Rhacodio* Pers: Sub *Bysso* DC. (Ad rupes terra humida instratas. *Pedem*: iisdem locis et supra muros et saxa umbrosa Re fl: tor: II. p. 331. sub *Rhacodio*. *Sabaud*: Huguen: et Bonjean in litt:). Effusum crassum filamentis dense intricatis aterrimis inæqualibus. *Byssacea* Fries.

❀ 2. *D. Aluta* = Linck: sp: pl: VI. p. 1. p. 134. = Sub *Rhacodio* Spr: l. c. 557. ex Pers: Sub *Bysso* DC. fl: fr: suppl: p. 10. *Thelephora cinnamomea* Fries el: I. 201.? = Ic:? (Intra arbores cavas et ad trabes cryptarum. *Sabaud*: Billet in litt: sub *Bysso*). Late expansum compactum cinnamomeum nitidum.

❀ 3. *D. giganteum* = Chevall: fl: par: I. p. 79. = Sub *Xylostromate* Tod: Meckl: I. t. 6. f. 51. = Sub *Bysso* DC. *Rhacodium Xylostroma* Spr: l. c. 557. ex Pers. (In arborum fissuris internis. *Pedem*: similibus locis Balb. el: p. II. sub *Rhacodio Xylostroma*. In ligno putrido in caveis Re fl: tor: II. p. 332 sub eod: et app: I. p. 48. sub *Bysso*. *Sabaud*: Bonjean in litt: sub *X. cotio*). Diffusum latissimum ochroleucum coriaceo-suberosum. Quid in Fries?

❋ 4. *D. subcorticale* = Linck: l. c. = Sub *Rhacodio* Spr: l. c. ex Pers: *Thelephora cinnamomea* Fries el: I. 201. = Ic: ? (Inter corticem et lignum præsertim Salicum. *Sabaud*: Huguen: in litt:). Late et interrupte effusum ferrugineum substantia interna lanuginosa demum in pulverem soluta.

❋ 5. *D. fuscum* = Duby bot: gall: p. 557. non Linck: = *D. fusco-badium* Linck: = *Rhacodium fuscum* Pers: *Myxotrichum molle* Fries syst: myc: III. p. 348.? (Ad muros in cellis. *Sabaud*: Huguen: in litt:). Effusum tenuissimum dense contextum opacum fusco-badium. Omissum a Spr:

❋ 6. *D. cinnabarinum* = Pers: syn: p. 697. = Sub *Sporotricho* Fries l. c. p. 418. *Byssus rubra* DC. fl: fr: n. 170. = Ic: ? (Ad ligna semi-putrida. *Sabaud*: Huguen: in litt:). Filamenta longa tenuissima sub-intertexta cinnabarina. Pariter omissum a Spr:

❋ 7. *D. violaceum* = Re fl: tor: II. p. 331. ex Pers: = *Byssus phosphorea* L. syst: ed: Murr: p. 795. n. 4. = Dill: musc: p. 4. t. 1. f. 6. (*Pedem*: ad ligna exsiccata putrescentia. All: auct: p. 52. Re fl: segus: p. 91. Biroli fl: acon: II. p. 207. sub *B. phosphorea*. Re l. c. sub *D. violaceo*. *Sabaud*: Bonjean in litt:). Cespitulo *parvo violaceo-cæsio* ex Re. Statum primarium *Telephoræ cæruleæ* esse tradit Fries l. c. p. 380.

3. Byssini.

(*Fibræ remotæ septatæ vel tenuissimæ, septulis inconspicuis.* Gen: 4.).

XI. Byssus Duby bot: gall: p. 934. = Spr: syst: n. 3574. = *Hyphæ* spec: Pers: = *Byssi* spec: nonnullæ. L. DC. (Inter *Hyphomycetes Inomycetes* Spr: Inter *Mucedineas Byssineas* Duby).

» *Filamenta* ramosa decumbentia intertexta tenuis-
» sima semi-pellucida ad tactum diffluentia fugacis-
» sima. »

Obs: Genus jam plures complectens species, nunc ad 9. - 10. ad summum limitatum et adhuc obscurum ex Spr: et Duby, omnibus a Fries ad alia genera amandatis. Fungilli sub-terranei aut in locis suffocatis et cryptis viventes plerumque albi.

❋ 1. *B. floccosa* = Mart: erlang: p. 345. = Spr: syst: IV. 558. *Hypha bombacina* Pers: myc: I. p. 63. = Dill: musc: t. 1. f. 9. (In cellis et fodinis. *Sabaud*: Huguen: in litt:). Nivea ramosissima filis simplicissimis confertis paralellis.

❋ 2. *B. argentea* = Duby bot: gall: p. 934. = Sub *Hypha* Pers: *B. parietina* var: *β* DC. fl: fr: n. 161. = Vaill: bot: par: p. 41. t. 8. f. 1. *B. cellaris* Weis: sec: Spr: l. c. (Ad parietes locis humidis et suffocatis. *Sabaud*: Huguen: in litt:). Valde effusa etiam palmaris albo-argentea fibroso-membranacea arachnoidea filamentis radiantibus tenuissime ramulosis.

❋ ? 3. *B. cancellata* = L. syst: ed: Murr: p. 795. = Lederm: micr: t. 72. (Natans in aquis dulcibus Bellard: app: p. 71.). Filis exacte undique cancellata. An inter *Algas*? An *Oscillatoriæ* spec:?

4. Moniliæ.

(*Fibræ totæ articulatæ.* Gen: 4.).

XII. Torula Pers: myc: eur: I. p. 20. = Spr: syst: n. 3566. = Fries syst: mycol: III. p. 499. inter *Coniomycetes Sporodesmieas* = *Torulæ, Moniliæ, Hormiscii* spec: nonnullæ quorund: (Inter *Iphomycetes Inomycetes* Spr: Inter *Mucedineas Cladosporiaceas* Duby).

» *Filamenta* simplicia erecta aut decumbentia sub-
» intertexta, articulis contiguis opacis interdum de-
» ciduis. »

Obs: Genus constans paucis stirpibus cæspitosis effusis atris sub-incrustantibus in vegetalibus mortuis viventibus.

❋ 1. *T. antennata* = Pers: myc: eur: I. p. 21. = Fries l. c. p. 501. Sub *Monilia* Spr: syst: IV. 557. = Hoffm: deutsch: fl: t. 13. f. 1. Nees fung: f. 67. (Ad truncos et ligna. *Sabaud:* Huguen: in litt:). Dense aggregata articulis ovatis facile secedentibus.

❋ 2. *T. herbarum* = Linck: obs: I. p. 19. = Spr: l. c. 556. Fries l. c. p. 501. Sub *Monilia* Pers: syn: p. 693. = Ic:? (Ad caules herbarum siccatos. *Sabaud*: Huguen: in litt:). Differt a priori præsertim articulis *globosis sub-contiguis.*

δ Epiphyti (*Fibræ spuriæ nudæ disjunctæ articulatæ*. Genus 1. *Herpotrichum* mihi ignotum).

B. Mucedines. Subordo Fries. (*Flocci* pellucidi septati ectospori).

α Hypochni (*Flocci essentiales contexti, sporidiis ex articulis collabentibus*. Gen: 3. mihi ignota).

β Trichodermata (*Flocci genuini conjuncti, sporidiis liberis evolutis sub-inspersi*. Gen: 2.).

XIII. Trichoderma Duby bot: gall: p. 864. = *Trichodermatis* spec: Pers: Spr: = Fries syst: mycol: III. p. 214. inter *Gasteromycetes Trichodermaceas* (Inter *Hyphomycetes Byssoideos* Spr: Inter *Lycoperdaceas Fuligineas* Duby).

» *Filamenta* laxa ad centrum demum evanescentia. » *Sporidia* minima globosa conglobata semper pul- » verulenta. »

Obs: Genus obscurum, varie ab Auctoribus determinatum, constans paucis stirpibus epiphytis pelliculam tomentosam primo referentibus.

❋ 1. *Tr*: *viride* = Pers: disp: 12. et syn: p. 231. = Spr: syst: IV. 555. = Nees syst: t. 6. f. 74. Fries l. c. p. 215. (Ad ramulos deciduos vel caules herbarum majorum autum: post pluvias. *Sabaud*: Huguen: in litt:). Stratum (*pellicula*, *villus*) candidum sub-

rotundum circinatum fugax vel sub-persistens, sporidia viridia.

❋ 2. *Tr: nigrescens* = Pers: l. c. = Spr: l. c. Sub *Hyphelia* Fries l. c. p. 212. = Ic: ? (Ad truncos cæsos et ramos mortuos hyeme et veris initio. *Sabaud:* Huguen: in litt:). Stratum cæsium planiusculum, sporidia fuligineo-nigrescentia.

γ Mucedineæ liberæ (*Flocci genuini liberi sporidiis libere evolutis inspersi*).

1. Botrytides.

(*Sporidia regulariter coacervata in floccis erectis.* Gen: 4.).

XIV. Aspergillus Michel: gen: p. 212. = Spr: syst: n. 3541. = Fries syst: mycol: III. p. 383. = *Byssi, Mucoris, Moniliæ, Spicularіæ, Acladii, Botrytidis, Chorodostyli, Himantiæ* spec: nonnullæ quorund: (Inter *Gasteromycetes Mucores* Spr: Inter *Mucedineas Mucoreas* Duby).

» *Filamenta* septata libera, sterilibus decumbenti-
» bus, fertilibus erectis simplicibus ramosis aut apice
» divisis. *Sporidia* simplicia globosa ex apicibus e-
» rumpentia seriata. »

Obs: Genus constans 9-10 stirpibus minutissimis, in variis substantiis putrescentibus viventibus.

❋ 1. *A. candidus* = Linck: obs: I. p. 14. = Fries l. c. p. 385: = Cheval: Paris p. 64. t. 4. f. 17. Sub *Monilia* Pers: syn: p. 692. Michel: gen: t. 91. f. 2.

(In plantis exsiccatis humidis præcipue in Fungis. *Pedem*: similibus locis Re app: II. p. 224. sub *Monilia*). Tenuissimus sparsus vel cæspitosus candidus, filamenta fertilia simplicia, sporidia concoloria.

❋ 2. *A. glaucus* = Linck: diss: I. f. 23. = Spr: l. c. 54. Fries l. c. p. 385. Sub *Monilia* Pers: DC. = *Mucor Aspergillus* Bull: t. 504. f. 10. Michel: gen: t. 91. f. 1. (In variis corporibus putrescentibus siccis ubique. In fructibus corruptis Re fl: segus: p. 93. sub *Mucore*). Vix differt a priori filamentis *cinerascentibus*, sporidiis *glaucis*.

❋ 3. *A. roseus* = Linck: sp: I. p. 68. = Spr: l. c. *A. glaucus* var: *roseus* Fries l. c. p. 386. Sub *Monilia* Pers: syn: p. 697. = Batsch: el: t. 12. f. 58. *Mucor glomerulosus* Bull: t. 504. f. 3. *Botrytis glomerulosa* DC. (In linteis squalidis et charta emporetica humida. *Pedem*: similibus locis Balb: misc: bot: p. 50. et fl: taur: p. 193. Re fl: tor: II. p. 275. Biroli fl: acon: II. p. 250. omnes sub *Mucore glomeruloso*). Filamenta alba fertilia simplicia, sporidia numerosa glomerata rosea.

XV. Botrytis Fries syst: mycol: III. p. 393. = Spr: syst: n. 3550. = *Botrytidis*, *Spicularicæ*, *Haplariæ*, *Haplotrichi*, *Polyactidis*, *Acrosporii* spec: nonnullæ quorund: (Inter *Hyphomycetes Byssoideos* Spr: Inter *Mucedineas Botrytideas* Duby).

» *Filamenta* simplicia aut ramosa sparsa vel ag-
» gregata septata, fertilibus erectis apice simplicibus.
» *Sporidia* simplicia globosa vel oblonga circa fila-
» mentorum ramos vel apices collecta. »

Obs: Genus vix a priori distinctum præsertim sporidiorum situ, constans 25 circiter stirpibus pariter minutissimis in variis substantiis enascentibus, colore vario.

❋ 1. *B. Geotricha* = Linck: sp: pl: VI. 1. p. 53. = *Geotrichum candidum* Linck: obs: I. f. 26. = *Acrosporium candidum* Spr: syst: IV. 556. (Ad terram sterilem. *Sabaud*: Huguen: in litt:). Tenuis tomenti instar terram obducens maculam albam granulosam referens, sporidia oblonga facillime decidua. Planta dubia pro genere sec: Fries l. c. p. 419. in obs: ad *Sporotrichum densum*.

❋ 2. *B. capitata* = Duby bot: gall: 919. = Sub *Acladio* Linck: obs: I. p. 10. f. 13. a = *Aspergillus candidus* Spr: l. c. 541. non Linck:? (In truncis putrescentibus. *Sabaud*: Huguen: in litt:). Cæspitosa effusa candida, filamenta simplicia, sporidia ovalia capitata. Cl: Spr:, uti patet ex synon:, commutavit *Aspergillum candidum* Linck: cum *Acladio capitato* ejusdem Auctoris, quod merito sejunxit Duby. Quid in Fries?

❋ 3. *B. glauca* = Spr: l. c. 551. = *Monilia digitata* Pers: syn: p. 693. Fries l. c. p. 411. ? = *Byssus scoparia* Mull: fl: dan: 897. f. 1. (Ad fungos et alia vegetabilia putrescentia. *Pedem*: iisdem locis Re fl: tor: II. p. 330. sub *Monilia digitata*). Filamenta sterilia decumbentia implexa fertilia erecta inferne simplicia apice penicillato-ramosa glauco-prasina, sporidia minuta globosa conglomerata.

❋ 4. *B. polyspora* = Linck: sp: pl: VI. 1. p. 55. = Spr: l. c. 551. = Dittm: in Sturm: Deutsch: fl: 3. t. 35. *Sporotrichum geochroum* Fries l. c. p. 416.

(Ad ramos putrescentes. *Sabaud*: Huguen: in litt:). Elevata expansa latas plagas occupans ex olivaceo-grisea, filamenta fertilia ramosissima, sporidia globosa copiosissima.

❀ 5. *B. cinerea* = Pers: syn: p. 690. et disp: meth: t. 3. f. 10. = Fries l. c. p. 396. = Duby bot: gall: p. 920. (Ad fungos putridos, caules corruptos etc. *Sabaud*: Huguen: in litt:). Confusa a Spr: cum priori, differt colore *fuligineo-cinereo*, filamentis fertilibus *sub-simplicibus*.

❀ 6. *B. murina* = Dittm: in Sturm: deutsch: piltz: III. t. 36. = Spr: l. c. 551. = Sub *Myxotricho* Fries l. c. p. 350. (Ad ramulos putrescentes. *Sabaud*: Huguen: in litt:). Cæspitosa effusa grisea, filamenta virgata ramosa rigida, sporidia coacervata globosa.

❀ 7. *B. umbellata* = DC. fl: fr: n. 177. = Duby bot: gall: p. 921. Fries l. c. p. 400. Sub *Spicularia* Pers: Sub *Polyactide* Linck: = Sub *Mucore* Bull: t. 504. f. 8. (In fructibus dulcibus fere corruptis. *Sabaud*: Huguen: in litt:). Elevata effusa primum alba dein griseo-nigrescens, filamenta fertilia apice umbellatim multifida, sporidia globosa. Quid in Spr:?

2. Trichothecii.

(*Sporidia septata floccis decumbentibus inspersa.* Gen: 2. mihi ignota).

3. Trichomyci.

(*Sporidia eseptata floccis decumbentibus hinc inde inspersa.* Gen: 4.).

XVI. Sporotrichum Linck: in Jahrb: der: gew: I. p. 163. = Spr: syst: n. 3549. = Fries syst: mycol: III. p. 415. (Ad eandem divisionem præcedentis Spr: Duby).

» *Filamenta* ramosa libera intricata vel expansa » septata. *Sporidia* simplicia sub-globosa libera. »

Obs: Genus constans 30. circiter stirpibus (incluso *Asporotricho*, *Aleurisma*, et *Collario* Linck:), inter quas perplures valde dubiæ et forsan initium alterius fungi; fungilli minutissimi plantis putridis plerumque innati, colore vario.

❋ 1. *Sp*: *laxum* = Nees syst: p. 49. f. 45. = Spr: syst: IV. 547. = Fries l. c. p. 424. (In truncis putrescentibus. *Sabaud*: Huguen: in litt:). Tenuissimum demum effusum album, filamenta adpressiuscula laxa fugacissima, sporidia oblonga.

❋ 2. *Sp: murinum* = Linck: sp: pl: VI. 1. p. 6. = Spr: l. c. 548. = *Sp: griseum* Fries l. c. p. 421? (Ad terram. *Sabaud*: Huguen: in litt:). Longe lateque terram obtegens griseum, filamenta divaricata tenerrima facile evanescentia, sporidia globosa minuta creberrima.

❋ 3. *Sp*: *mycophilum* = Spr: l. c. 549. = Fries l. c. p. 422. Sub *Sepedonio* Duby bot: gall: p. 925. ex Linck: obs: I. p. 16? Sub *Uredine* Pers: = *Re-*

ticularia chrysosperma, et *Mucor chrysospermus* Bull: t. 476. f. 4. et 504. f. 1.? (In fungis putrescentibus. *Pedem*: iisdem locis Bale: misc: bot: p. 50. et Biroli fl: acon: II. p. 250. sub *Mucore chrysospermo*. Re fl: tor: II. p. 277. sub *Uredine mycophila*. *Sabaud*: Bonjean in litt: sub *Sepedonio*). Effusum crassiusculum, filamenta lanæformia alba, sporidia copiosissima sub-globosa flava. Pro ætate valde variat; filamenta demum evanescunt. Planta dubia; cl: Duby *Sp*: *mycophilum* et *Sepedonium mycophilum* pro plantis distinctis habet etiam quoad genus. Cl: Fries l. c. p. 438. icones Bull: refert ad *Sepedonium chrysospermum*.

❀ 4. *Sp*: *aureum* = Linck: obs: I. p. 11. = Spr: l. c. *Sp*: *aurantiacum* Fries l. c. p. 423. = *Mucor aurantius* Bull: t. 504. f. 5. *Ægerita aurantia* DC. fl: fr: n. 181. (Ad corticem arborum putrescentium. *Pedem*: in valle *Pisii* similibus locis nec non supra vini dolia et obturamenta lagenarum suberosa in cellis vinariis Cum: spec: p. 65. *Sabaud*: Huguen: in litt:). Crassiusculum ruberrimum in ambitu album, filamenta crispa evanescentia, sporidia globosa copiosa aurea. *Sp*: *aureum* Fries l. c. p. 418. alia planta.

❀ 5. *Sp*: *nitens* = Linck: sp: pl: VI. 1. p. 3. = Sub *Himantia* Pers: syn: p. 91. = Ic: ? (In foliis dejectis et caulibus herbarum exsiccatis. *Sabaud*: Huguen: in litt:). Folia et caules obducens instar pelliculæ tenerrimæ albæ filamentis nudis oculis vix distinguendis, sporidiis globosis. Quid in Spr: et Fries?

4. Sporomyci.

(*Sporidia copiosa eseptata floccos parcos decumbentes obtegentia.* Gen: 4. mihi ignoto).

Sect: IV.

Phylleriaceæ Ordo proprius Fries introd: p: XLII. et append: in text: p. 519. (*Fibræ* spuriæ contiguæ entosporæ. *Receptac*: o. Gen: 4. ex Fries).

XVII. Cronartium Fries obs: mycol: I. p. 220. = Spr: syst: n. 3579. = *Erinei* et *Cæomæ* spec: quorund:

» *Filamenta* rigida colorata simplicia non septata
» cylindrica apice sub-attenuata in tuberculum dila-
» tata. »

Obs: Genus hocce memoratur tantum a Fries in syst: mycol: III. p. 513. not. ❋ tamquam transitum feciens ad *Phylleriaceas*.

❋ 1. *Cr*: *asclepiadeum* = Fries obs: l. c. = *Cr*: *Vincetoxici* Fic: et Schub: fl: dresd: p. 282. Spr: syst: IV. 562. = Ic: ? (Ad folia Cynanchi Vincetoxici. *Sabaud*: Bonjean in litt:). Gregarium, filamenta incurvata elongata dilute fusca, tuberculum minimum.

XVIII. Erineum Pers: syn: p. 699. = Spr: syst: n. 3578. = *Phyllerii*, *Taphriæ*, et *Erinei* spec: Fries (Inter *Hyphomycetes Inomycetes* Spr: Inter *Mucedineas Phyllerieas* Ad: Brougn:, Duby).

» *Filamenta* sub-diaphana cylindrica vel compressa

» clavata aut turbinata sub-simplicia in cæspitulos » latos aggregata. »

Obs: Genus valde obscurum, attamen 30 et ultra stirpibus ab Auctoribus ditatum, in 3 sectiones divisum sc: *Phyllerium* (morbosi plantarum pili ex Fries), *Grumariam* (cellulæ intumescentes deformatæ), et *Taphriam* (Melligo). Sporangia denegat Kunze, minutissima quandoque vidisse testatur Greville. Huc referendum quoque *Rubiginis* genus Auctor: Fungilli in foliis vivis parasiticis. Cl: Fries in append: supra cit: limitatur ad observationations generales circa hoc genus, nullasque stirpes describit, dubitans ipsas aliud non esse nisi *mera exanthemata per anamorphosim cellularum superficialium foliorum orta.*

α *Phyllerium* Fries in introd:
(Filamentis simplicibus filiformibus aut æquatis contortis).

❋ 1. *E. Rubi* = Pers: myc: eur: I. p. 2. = Spr: syst: IV. 562. = Ic: ? (In utraque pagina inferiori præsertim foliorum Rubi. *Sabaud*: Huguen: in litt:). Effusum planiusculum, filamenta sub-intricata recta cylindrica ad apicem attenuata viridi-canescentia.

❋ 2. *E. tiliaceum* = Pers: obs: I. p. 25. = Spr: l. c. 561. = Nees fung: t. 5. f. 62. (Ad folia Tiliarum in utraque pagina. *Pedem*: Balb: el: p. 4. *Sabaud*: Huguen: et Bonjean in litt:). Confluens immersum pulvinatum, filamenta intricata apice obtuse incurva pallide fuscescentia.

❋ 3. *E. Juglandis* = DC: fl: fr: suppl: p. 15 =

Spr: l. c. 562. = Grev: crypt: fl: t. 263. f. 2. (Secus nervos foliorum Juglandis Regiæ. *Pedem*: Balb: el: p. 5. *Sabaud*: Huguen: et Bonjean in litt:). Sub-quadratum profunde immersum, filamenta intricata suberecta apice attenuata albida exsiccatione flavescentia.

❋ 4. *E. ilicinum* = DC. l. c. p. 14. = Spr: l. c. 561. = Grev: Edinb: phil: journ: VI. p. 74. t. 2. f. 5. (Subtus ad folia Quercus Ilicis. *Sabaud*: Bonjean in litt:). Effusum sub-confluens non immersum, filamenta intricata cylindrica flexuosa albida demum rufo-spadicea.

❋ 5. *E. pyrinum* = Pers: disp: t. 3. f. 2. = Spr: l. c. 561. = Grev: crypt: fl: I. t. 22. (Ad folia utrinque et ad petiolos Pyri, Mali, Pruni spinosæ etc: *Pedem*: Balb: el: p. 4. *Sabaud*: Huguen: et Bonjean in litt:). Effusum crassiusculum non immersum, filamenta laxe intricata compressa linearia tortuosa obtusa pallida vel rubella demum spadiceo-ferruginea.

❋ 6. *E. acerinum* = Pers: syn. p. 700. non DC. = Spr: l. c. 561. = Ic: ? (Ad folia utrinque Aceris platanoidei et Pseudo-platani. *Pedem*: similibus locis Re app: II. p. 223. *Sabaud*: Bonjean in litt:). Effusum crassum sub-immersum, filamenta densa intricata cylindrica apice sub-adunca albo-cinerea demum rubiginosa. *E. acerinum* DC. pertinet pro parte ad *E. purpurascens*.

❋ 7. *E. Pseudo-platani* = Pers: myc: I. p. 5. = Spr: l. c. 561. = Grev: Edinb: phil: journ: XI. p. 74. t. 2. f. 8. *E. acerinum* DC. pro parte non Pers: (In foliis præsertim dejectis Aceris Pseudo-platani. *Sabaud*: Huguen: in litt:). Limitatum profunde immersum, fi-

lamenta intricata cylindrica longiuscula flaccida subramosa obtusa ex albido-rubella demum spadicea.

✻ 8. *E. Vitis* = DC. fl: fr: n. 186. = Spr: l. c. = Grev: Edinb: phil: journ: VI. p. 74. t. 2. f. 3. (Subtus raro supra folia Vitis viniferæ. *Pedem*: Balb: el: p. 4. *Sabaud*: Huguen: et Bonjean in litt:). Effusum sub-confluens crassiusculum profunde immersum, filamenta intricata cylindrica longiuscula flaccida subramosa obtusa ex albido rubella demum spadicea.

✻ 9. *E. Poterii* = Reg: in hb: DC. sec: Duby bot: gall: p. 910. = Ic: ? (In Poterio Sanguisorba. *Sabaud*: Huguen: in litt:). Effusum bifrons sub-confluens crassum non immersum, filamenta intricata filiformia simplicissima cylindrico-subulata ex luteo-fulva.

✻ 10. *E. Rhamni* = Kunze in myc: hest: II. p. 172. = Spr: l. c. 562. = Ic: ? (Ad folia subtus Rhamni cathartici. *Sabaud*: Huguen: in litt:). Effusum tenue non immersum, filamenta laxa compressa curvat aobtusa pallida.

β Grumaria Kunze.

(Filamentis capitatis aut clavatis vertice sæpe impressis).

✻ 11. *E. roseum* = Schult: starg: 506. = Spr: l. c. 560. *E. Betulæ* DC. fl: fr: suppl: p. 14. = Grev: crypt: fl. t. 21. (Supra folia Betulæ albæ. *Pedem*: Re fl: tor: II. p. 331. sub *E. betulino*. *Sabaud*: Huguen: in litt:). Effusum pulvinatum grumosum non immersum, filamenta clavata apice truncata vel depressa rarius sub-emarginata rosea demum fusco-purpurea.

❀ 12. *E. betulinum* = Schum: saell: II. p. 445. = Spr: l. c. = Grev: Edinb: phil: journ: l. c. t. 3. f. 2. (Subtus folia Betulæ albæ. *Pedem*: cum priore Re l. c. *Sabaud*: Bonjean in litt:). Confusum cum priore a cl: Re, sed facile distinguendum loco nascendi sc: *subtus* non *supra* folia, cæspitibus *sub-immersis*, filamentis sæpe *sub-bicornibus albis* demum *sub-ferrugineis*.

❀ 13. *E. populinum* = Pers: obs: I. p. 100. = Spr: l. c. = Grev: l. c. t. 3. f. 11. (Ad folia utrinque Populi præsertim tremulæ. *Sabaud*: Huguen: et Bonjean in litt:). Limitatum vel conglomeratum sub-rotundum immersum, filamenta crassa irregularia apice sub-ramosa erosa pallida mox rufescentia demum sordida spadicea.

❀ 14. *E. alneum* = Pers: syn: p. 701. = Spr: l. c. 560. = Grev: l. c. t. 2. f. 7. *Mucor ferrugineus* Bull: t. 504. f. 12. excl: syn: sec: Duby (Subtus folia Alni glutinosæ. *Pedem*: Re fl: tor: II. p. 331. In foliis Humuli Lupuli Biroli fl: acon: II. p. 250. sub *Mucore furrugineo*? *Sabaud*: Huguen: et Bonjean in litt:). Sub-effusum sæpe confluens crassiusculum sub-immersum, filamenta simplicia vel ramosa apice tuberculosa ex albo-flavescentia demum fulvo-ferruginea.

❀ 15. *E. fagineum* = Pers: obs: II. p. 102 = Spr: l. c. = Grev: l. c. t. 3. f. 70. (Subtus folia Fagi sylvaticæ. *Pedem*: Balb: el: p. 4. *Sabaud*: Huguen: et Bonjean in litt:). Limitatum sub-rotundum granulosum sub-immersum, filamenta densa turbinato-clavata albida demum ferrugineo-spadicea vel purpurea.

❀ 16. *E. nervisequum* = Kunze fung: exsic: n.

175. = Spr: l. c. = Ic:? (Supra folia juniora Fagi sylvaticæ. *Sabaud*: Bonjean in litt:). Lineare nervisequum grumoso-farinaceum non immersum, filamenta clavata pallida rosea.

❋ 17. *E. purpurascens* = Gærtn: in Rhol: deutsch: III. p. 357. = Spr: l. c. *E. acerinum* DC. pro parte non Pers: = *E. agariciforme* Grev: l. c. t. 13. f. 14. (In foliis Aceris campestris. *Sabaud*: Huguen: in litt:). Late effusum sub-immersum, filamenta infundibuliformia albida demum purpureo-fusca.

❋ 18. *E. quercinum* = Kunze myc: Heft: t. 87. = Spr: l. c. 561. ex Pers: = Ic: ? (Subtus folia Quercus fagineæ. In *Gallia Bois de Boulogne* Mérat nouv: fl: par: ed. 3. vol: I. p. 42. omissum tamen a Duby. *Sabaud*: Bonjean in litt:). Sub-effusum laxum immersum, filamenta elongata intricata obtusa pallide rubra.

γ *Taphria* Fries.

(Filamentis minutissimis ovoideis granuliformibus. 3. 4. species mihi ignotæ.).

Ordo CCXIV.

Coniomycetes.

(Fries syst: mycol: introd: p. XXXVII. et in text: III. p. 455.).

Char: essentialis.

» *Sporidia* nuda absque receptaculo heterogeneo, » vel si adest oritur e pedicellis connatis et cum spo- » ridiis immaturis seu abortivis homogeneum, unde » numquam verus thallus floccosus uti in *Hyphomy-* » *cetibus.* »

Obs: Fungi e nisu reproductivo vegetabilium in statu primario, minimi simplicissimi, cellulis discretis solutis pulverem reproductivam continentibus, unde *pollinares* dicti, quandoque in perfectioribus cellulis ascos includentibus; epiphyti in organismis vivis langnescentibus vel recenter emortuis. Classis propria ex Fries in 4. ordines divisa.

Sect: I.

Tuberculariæ ordo proprius Fries.
Uredineæ Tuberculariæ pro parte Duby
(Sporidia nuda simplicia receptaculo homogeneo inspersa. Gen: 4.).

I. Cephalotrichum Linck: in mag: natur: gesell: 1809. p. 20. f. 35. = Duby bot: gall: p. 877. = Fries syst: mycol: III. p. 280. sed inter *Hyphomycetes Cephalotricheas* = *Coremii*, *Stilbi et Isariæ* spec: nonnullæ alior:

» *Receptac*: stipitiforme cylindricum vel conicum
» simplex rigidum persistens capitulo discreto ovato
» cylindrico tectum floccis contortis et sporidiis glo-
» bosis compositum. »

Obs: Genus constans 3 - 4 stirpibus minutis ad truncos et folia semi-putrida.

❋ 1. *C. monilioides* = Linck: syst: II. 2. p. 112. = Duby l. c. = Sub *Isaria* Alb. et Schw: t. 12. f. 8. Fries l. c. p. 276. (Ad ligna et cortices. *Sabaud*: Huguen: in litt:). Pusillum nitidulum sparsum vel gregarium, stipes albo-lutescens vel rufescens, capitulum concolor.

II. Tubercularia Tode Meckl: I. p. 18. = Spr: syst: n. 3584. excl: nonnullis stirpibus = Fries syst: mycol: III. p. 463. inter *Coniomycetes Tuberculariros* (Inter *Coniomycetes suffultos* Spr: Inter *Tuberculariea Fusarieas* Duby).

» *Receptac*: tuberculatum compactum carnosum ses-

» sile super basi in collum sub-angustatum e spori-
» diis globosis minimis numerosissimis strato (*stroma*)
» composito corticatum. »

Obs: Genus constans 20 circiter stirpibus (4. tantum ex Fries) quarum nonnullæ obscuræ, colore vario.

❀ 1. *T. vulgaris* = Tod: Meck: I. p. 18. = Spr: syst: IV. 564. Fries l. c. p. 464. = *Tremella purpurea* Hoffm: veg: crypt: I. t. 6. f. 2. Bull: t. 284. *Sphæria miniata* Bolt: t. 127. f. 1. (Ad truncos juniores ramosque emortuos. *Pedem*: similibus locis All: n. 1602. Biroli fl: acon: II. p. 237. Re fl: segus: p. 91. omnes sub *Tremella purpurea*. Re fl: tor: II. p. 266. et app: II. p. 218. sub *T. vulgari*. *Sabaud*: Huguen: et Bonjean in litt:). Gregaria, receptacula majuscula immersa rubra, stratus convexus lævis mox tuberculosus demum diffluens.

❀ 2. *T. confluens* = Pers: syn: p. 113. = Spr: l. c. *T. vulgaris* Fries in ind: = Ic: ? (Ad corticem truncorum emortuorum. *Pedem*: Re app: II. p. 218. et fl: tor: II. p. 266. *Sabaud*: Huguen: in litt:). A priori distinguitur statura *minori*, receptaculis *confluentibus incarnato-lateritiis*, strato *planiusculo*.

❀ 3. *T. granulata* = Pers: syn: p. 113. = Spr: l. c. = Grev: crypt: fl: t. 187. Fries l. c. p. 465. (Ad ramos et radices emortuas præsertim Aceris, Tiliæ, Quercus etc. *Sabaud*: Huguen: et Bonjean in litt:). Receptacula immersa alba sub-rotunda substipitata, stratus convexus sordide ruber lævis demum rugoso-tuberculosus nigrescens.

❀ 4. *T. nigricans* = Gmel: syst: 1482. non Spr: = DC. fl: fr: n: 740. Fries l. c. p. 465. = Sub *Tre-*

mella Bull: t. 455. f. 1. (Ad ramos emortuos ubique. *Pedem*: Balb: misc: bot: p. 55. et fl: taur: p. 202. Biroli fl: acon: II. p. 237. Re fl: tor: II. p. 323. omnes sub *Tremella*. *Sabaud*: Huguen: in litt: sub *Tubercularia*). Receptacula majuscula rubra filamentis primo tecta iisque immersa demum emergentia hemisphærica lævia tandem nigra. *T. nigricans* Spr: pertinet ad *Agyrium nigricans* Fries.

❋ 5. *T. cinnabarina* = DC. fl: fr: n. 741. = Duby bot: gall: p. 880. (Ad muscos aliasque herbas parasitica. *Pedem*: rara super Lichenes Balb: misc: bot: p. 55. et fl: taur: p. 202. Re fl: tor: II. p. 322. ambo sub *Tremella*). Minima sub-gelatinosa carnoso-bullata miniata granulosa. Quid in Spr:? Ex habitu ad *Agyrii* speciem pertinet sec: Fries syst: mycol: II. p. 233.

❋ ? 6. *T. Buxi* = DC. fl: fr: suppl: p. 110. = Sub *Fusario* Spr: l. c. 565. = Sub *Psilonia* Duby bot: gall: p. 916. Sub *Fusisporio* Fries syst: mycol: III. p. 447. (Subtus folia sicca Buxi sempervirentis in *M. Jura* DC. l. c. *Sabaud*: Bonjean in litt:). Omnium minima sub-rotunda carnosula pallide rosea, stratus filamentosus filamentis sub-radiantibus albis globulosis globulis (*sporidia*?) minutissimis. Stirps dubia pro genere.

III. Fusarium Linck: sp: pl: VI. 2. p. 104. = Spr: syst: n. 3536. = Fries syst: mycol: III. p. 469. = *Fusarii* et *Atractii* spec: quorund: (Inter *Coniomycetes liberos* Spr: In ead: divis: ac *Tubercularia* Duby).

» *Sporidia* fusiformia diffluentia instrata stromati » carnoso sessili aut stipitato-rotundato vel effuso. »

Obs: Species 5-6 minutissimæ in plantis mortuis.

✻ 1. *F. pallens* = Nees in nov: act: Cæs: Leop: IX. t. 5. f. 7. = Duby bot: gall: p. 880. = Sub *Volutella* Fries l. c. p. 468. *Fusidium obtusatum* et *pulvinatum* Linck: (In ramis dejectis fruticum. *Sabaud*: Huguen: in litt:). Stroma sub-capitatum immersum albicans, sporidia concoloria septata. Quid in Spr: ?

✻ 2. *F. lateritium* = Nees fung: t. 2. f. 26. = Spr: syst: IV. 565. = Fries l. c. p. 470. (In truncis emortuis et asseribus humidis. *Pedem*: ad Pruni Cerasi ramos *Venariæ* Re app: III. p. 20. *Sabaud*: Huguen: in litt:). Stroma semi-globosum deplanatum irregulariter expansum sub-gelatinosum lutescenti-rubrum, sporidia crassiuscula curviuscula concoloria interdum globosa.

IV. Ægerita Pers: syn: 684. = Fries syst: mycol: III. p. 219. sed inter *Gasteromycetes Trichodermaceos* = *Tuberculariæ* spec: Spr: = *Sclerotiæ* et *Reticulariæ* spec: nonnullæ quorund:

» *Receptac*: rotundatum vel effusum liberum aut
» primo innatum dein erumpens liberatum sporidiis
» tectum. »

Obs: Stirpes 2 - 3. habitu *Tuberculariæ*.

✻ 1. *Æ. candida* = Pers: l. c. = Nees fung: t. 2. f. 24. = Fries l. c. p. 220. Sub *Tubercularia* Spr: syst: IV. 565. *Sclerotium Ægerita* Hoffm: germ: II. t. 9. f. 1. (In corticibus arborum emortuis. *Sabaud*: Huguen: in litt:). Receptacula globosa sparsa candida, sporidia inæqualia.

✻ 2. *Æ. epixylon* = DC. fl: fr: n. 183. = Sub

Reticularia Bull: t. 472. f. 1. = *Dichosporio aggregato* proxime accedens Fries l. c. p. 219. (In ligno putrido. *Sabaud*: Bonjean in litt:). Receptacula convexa grisea demum nigrescentia, sporidia oblonga. Quid in Spr: ?

✱? 3. *Æ. clandestina* = Bonjean in litt: Quid?

Sect: II.

Coniosporia ordo proprius Fries syst: myc: introd: p. XL. (Sporidia distincta angiospora subinde velata. Gen: 4. mihi ignota).

Sect: III.

Sporodesmia ordo proprius Fries syst: myc: introd: p. XL. et text: III. p. 489. *Uredineæ Melanconicæ* pro parte Duby (Sporidia nuda innata septata vel pedicellata elongata. Gen: 4.).

V. Gymnosporangium DC. fl: fr: II. p. 216. = Spr: syst: n. 3580. = Fries syst: myc: III. p. 505. inter *Coniomycetes Hypodermios* = *Gymnosporangii* et *Podisomæ* spec: Linck: Duby (Inter *Coniomycetes suffultos* Spr:).

» *Sporidia* uni-septata pedicellata adnata stromati
» erumpenti vesiculoso-gelatinoso (in *Gymnosporangio*
» Linck:), vel stipitibus longissimis basi in stroma
» clavatum erumpens junctis (in *Podisoma* Linck:). »

Obs: Genus constans 3-4. stirpibus ex Spr:, 1. tan-

tum ex Fries. Fungilli per epidermidem vivam erumpentes, in statu primario *Pucciniis* simillimi.

❋ 1. *G. Juniperi* = Linck: obs: I. p. 7. = Nees fung: t. 2. f. 23. a = *G. juniperinum* Fries l. c. p. 506. *G. conicum* DC. fl: fr: n. 578. ex Hedw: Spr: syst: IV. 562. *Tremella juniperina* L. syst: IV. p. 562. aliique (In truncis Juniperi communis et Sabinæ. *Pedem*: similibus locis All: n. 2598. sub *Tremella juniperina*. *Sabaud*: Huguen: et Bonjean in litt: sub *G. conico*). Stroma simplex primo conicum demum effusum aurantiacum sporidiis oblongis.

❋ 2. *G. fuscum* = DC. fl: fr: n. 579. = Sub *Podisoma* Duby bot: gall: p. 881. = *P. Juniperi* Nees fung: t. 1. f. 5. *P. Juniperi Sabinæ* Fries l. c. p. 508. *Puccinia Juniperi* Pers: disp: t. 2. f. 1. a. c. (Cum priori. *Sabaud*: Huguen: in litt:). Male confusum a Spr: cum præcedenti, a quo differt stromate *globoso fusco*, sporidiis *obtusis*.

❋ 3. *G. clavariæforme* = DC. fl: fr: n. 580. = Spr: l. c. Sub *Podisoma* Duby bot: gall: p. 881. *P. Juniperi communis* Fries l. c. 508. Sub *Tremella* Jacq: = *Tr*: *ligularis* Bull: t. 427. f. 1. (Cum priori. *Pedem*: præsertim in collibus *Taurin*: Re fl: tor: II. p. 323. sub *Tr*: *ligulari*. *Sabaud*: Huguen: in litt: sub *Podisoma*). Stroma cylindricum vel sub-compressum simplex vel bifurcatum aurantiacum sporidiis utrinque acutis.

VI. Coryneum Nees syst: p. 34. = Fries syst: myc: III. p. 473. inter *Coniomycetes Tubercularinos* = *Exosporii* spec: Spr: syst: n. 3581.

» *Sporidia* fusiformia septata opaca erecta pedicel-
» lata stromati verrucæformi plano innato-erumpenti
» innata. »

Obs: Spec: 3-4. ludentes inter *Gymnosporangium* et *Exosporium*.

❋ 1. *G. pulvinatum* = Kunz: et Schw: myc: heft: I. p. 78. t. 2. f. 19. = Sub *Exosporio* Spr: syst: IV. 563. (In ramulis dejectis arborum variarum. *Sabaud*: Huguen: in litt:). Stroma sub-rotundum convexum atrum sporidiis ovalibus obtusis, pedicelli cylindrici elongati. Quid in Fries?

VII. Exosporium Linck: obs: I. p. 8. = Spr: syst: n. 3581. = *Elminthosporii*, *Vermiculariæ* et *Dothideæ* spec: nonnullæ Fries (Inter *Coniomycetes suffultos* Spr: Inter *Uredineas Sporidermieas* Duby).

» *Sporidia* oblonga aut linearia septata opaca ses-
» silia stromati innato verrucæformi vel effuso ad-
» nata. »

Obs: Genus obscurum; fungilli minuti sub epidermide nascentes et demum erumpentes, *Sphæriarum* facie.

❋ 1. *E. Tiliæ* = Linck: l. c. t. 1. f. 8. = Spr: syst: IV. 563. = Sub *Helminthosporio* Fries l. c. p. 360. (In truncis emortuis Tiliæ. *Sabaud*: Huguen: in litt:). Stromata gregaria atra convexa, sporidia sub-5-septata elongata obtusa concoloria.

❋ 2. *E. hypodermium* = Linck: sp: pl: VI. 2. p. 121. = Sub *Conoplea* Spr: l. c. 554. Sub *Vermicularia* Fries = Ic: ? (Ad caules siccos Umbelliferarum. *Sabaud*: Huguen: in litt:). Stromata oblonga sub-confluentia epidermide rupta cincta atra, sporidia elongata distantia filiformia concoloria.

❋ 3. *E. Eryngii* = Chevall: fl: par: I. p. 39. t. 3. f. 7. c. = Duby bot: gall: p. 882. = Sub *Conoplea* Pers: myc: I. p. 11. Sub *Vermicularia* Fries (Ad caules aridos Eryngii campestris. *Sabaud*: Huguen: in litt:). Stromata gregaria punctiformia atra, sporidia elongata clavæformia acuta distincta concoloria.

❋ 4. *E. minutum* = Linck: sp: l. c. p. 122. = Duby l. c. p. 883. *Sphæria Dematium* β Fries l. c. p. 505. ex indice = Ic: ? (In caulibus exsiccatis variarum herbarum. *Sabaud*: Huguen: in litt:). Minutissimum vix conspicuum, stromata oblonga confluentia innata atra, sporidia filiformia densa concoloria.

❋ 5. *E. Rubi* = Nees in nov: act: leop: IX. t. 5. f. 6. = Spr: l. c. 563. = *Dothidea Chætomium* Fries l. c. II. p. 563. ex indice (Ad folia Rubi. *Sabaud*: Huguen: in litt:). Stromata sub-globosa vertice depressa nigro-maculata, sporidia sub lente brevissima filiformia.

Sect: IV.

Entophytæ ordo proprius Fries syst: myc: introd: p. XXXVIII.
(Sporidia nuda libera absque receptaculo).

A Stilbosporei Ordo proprius Fries in textu III. p. 477.
(*Entophytæ* plantarum mortuarum. Gen: 4.).

VIII. Næmaspora Pers: syn: p. 108. = Spr: syst: n. 3533. = Fries l. c. p. 478. = *Sphæriæ*, *Xylomatis* et *Cytisporæ* spec: nonnullæ quorund: (Inter *Gastromycetes obscuros desciscentes* Spr:).

» *Sporidia* mucosa in cirrhos prodeuntia. »

Obs: Genus valde obscurum etiam pro ordine, constans ex Spr: 5 - 6. stirpibus abnormibus.

❋ 1. *N. crocea* = Pers: obs: myc: I. p. 81. = Spr: syst: IV. 537. = Nees fung: t. 44. f. 366. Fries l. c. p. 479. (Ad ramos emortuos arborum. *Pedem*: speciatim in ramis Populi nigræ ad *Valentinum* Re app: I. p. 48. et fl: tor: II. p. 265. *Sabaud:* Huguen: et Bonjean in litt:). Massa gelatinosa crocea in cirrhos crassos compressos persistentes concolores erumpens.

❋? 2. *N. epiphylla* = DC. syn: fl: gall: p. 83. = *Sphæria Dianthi* Alb: et Schw: t. 6. f. 2. = Spr: l. c. 405. Fries l. c. II. p. 531. (Ad folia Dianthi, Saponariæ et affinium. *Sabaud*: Bonjean in litt:). Massa maculæformis indeterminata lutea vel albescens in cirrhos albidos simplices abiens; ob receptaculi vesti-

gium sub epidermide forsan melius ad *Sphærias* amandata.

IX. STILBOSPORA Nees syst: p. 21. = *Stilbosporæ* spec: Pers: Spr: = Fries syst: myc: III. p. 483. (Inter *Uredineas Stilbosporeas* Duby).

» *Sporidia* septata ovalia aut oblonga non pedicil-
» lata in acervos irregulares coacervata. »

Obs: Species paucæ (8. ex SPR:, 3. ex DUBY, 6. ex FRIES). Fungilli minuti per epidermidem plantarum emortuarum erumpentes.

❋ 1. *St: macrosperma* = Pers: disp: 14. t. 3. f. 13. et syn: p. 96. = Fries l. c. p. 485. = *Puccinia macrospora* Spr: syst: IV. 569. (In cortice arborum emortuarum præsertim Carpini. *Sabaud*: HUGUEN: et BONJEAN in litt:). Acervi elevati in ambitu effusi epidermide tecti, sporidia cylindrica bi-septata pellucida atra.

❋ 2. *St: angustata* = Pers: syn: p. 96. = Duby bot: gall: p. 883. Fries l. c. *Didymosporium complanatum* Spr: l. c. 563. male = Corda t. 22. sec: Fries (In ramis dejectis arborum præsertim Fagi. *Sabaud*: HUGUEN: in litt:). Vix differt a priori acervis *sub-rotundis papillatis*, sporidiis *obscure septatis*.

❋ 3. *St: sphærosperma* = Spr: l. c. ex Pers: = Ic:? (Cum priori. *Sabaud*: BONJEAN in litt:). Vix a præcedenti diversa sporidiis *nigris globosis*.

❋ 4. 5. *St: amygdalina* et *lycoperdioides* = Cum: spec: p. 67. Quid?

X. Melanconium Nees syst: p. 32. = Fries syst: myc: III. p. 487. = *Stilbosporæ* et *Melanconii* spec: nonnullæ quorund: (In ead: divis: ac prior Duby).

» *Sporidia* rotundata simplicia non septata nec pe-
» dicillata supra stroma spurium coacervata. »

Obs: Spec: 5-6. habitu *Stilbosporæ*.

❋ 1. *M. conglomeratum* = Linck: sp: pl: VI. 2. p. 92. = Fries l. c. p. 488. = *M. atrum* Linck: obs: I. t. 1. f. 7. Spr: syst: IV. 565. *Stilbospora conglomerata* et *microsperma* Linck: obs: 2. p. 30. et 31. non Pers: (In ramis arborum emortuis. *Sabaud:* Huguen: in litt:). Acervi sub-rotundi demum effusi, sporidia compacta minuta sub-globosa atra opaca. Quid in Spr:?

❋ 2. *M. sphæroideum* = Linck: l. c. = Fries l. c. p. 488. = *Stilbospora microsperma* Pers: obs: I. t. 2. f. 3. Spr: syst: IV. 570. (In ramis emortuis præsertim Rhamnorum. *Pedem:* supra ramos Juglandis et Arundinis Donacis Re app: II. p. 218. et fl: tor: II. p. 264. sub *Stilbospora microsperma*. *Sabaud:* Bonjean in litt: sub ead:). Acervi semi-globosi epidermide inclusi, sporidia compacta ovoidea minuta atra pellucida.

❋ 3. *M. sphærospermum* = Linck: l. c. = Fries l. c. p. 489. = Sub *Stilbospora* Pers: obs: I. t. 1. f. 6. Spr: l. c. excl: syn: Linck: (In culmis graminum siccis). Acervis *ellipticis* tandem *effusis*, sporidiis *globosis* distinguitur a præcedenti.

B Hypodermia Ordo proprius Fries syst: myc: III. p. 504. (In plantis vivis *parasitica*. Gen: 7.).

XI. Schizoderma Fries syst: orb: veg: I. p. 194. et syst: myc: III. p. 476. = Duby bot: gall: p. 885. = *Hypodermii* spec: Linck: (Inter *Uredineas Nemasporeas* Duby).

» *Sporidia* minuta globosa simplicia sessilia cum
» stromate granuloso conglutinata discoideo - erum-
» pentia. »

Obs: Genus constans paucis stirpibus minutissimis sub epidermide Pini et Abietis.

❀ 1. *Sch: sulcigenum* = Duby l. c. = Sub *Hypodermio* Linck: sp: pl: VI. 2. p. 88. = Ic: ? (In foliis siccis et delapsis Pini sylvestris. *Sabaud:* Huguen: in litt:). Acervi lineares vel oblongi epidermide elevata tecti demum epidermide rupta in sulcos degentes. Quid in Fries?

XII. Blennoria Fries syst: orb: veg: I. p. 366. et syst: myc: III. p. 472. = Duby bot: gall: p. 885.

» *Sporidia* elongata cylindrica utrinque truncata
» diaphana simplicia minutissima cum stromate gela-
» tinoso in tuberculum erumpens conglutinata. »

Obs: Genus constans unica specie seq:

❀ 1. *Bl: Buxi* = Fries et Duby ll. cc. = Ic: ? (In foliis Buxi communis. *Sabaud*: Huguen: in litt:). Acervi fusco-nigricantes convexi epidermide rupta cincti, sporidia numerosissima.

XIII. Bullaria DC. fl: fr: II. p. 226. = Duby bot: gall: p. 886. = *Uredinis* et *Pucciniæ* spec: Auctor: = *Didymosporii* spec: Fries syst: myc: III. p. 486.

» *Sporidia* oblonga didyma medio constricta ses-
» silia in acervulos coacervata. »

Obs: Genus constans unica stirpe seq:

❋ 1. *B. Umbelliferarum* = DC. et Duby ll. cc. = *Uredo bullata* Pers: obs: myc: I. t. 2. f. 5. = *Puccinia Umbelliferarum* Spr: syst: IV. 567. male. *P. bullaria* Linck: *Didymosporium bullatum* Fries l. c. p. 487. (In caulibus siccis Umbelliferarum. *Sabaud*: Huguen: et Bonjean in litt:). Acervi sub-rotundi vel oblongi epidermide bullata semper tecti, sporidia fusca.

XIV. Phragmidium = Linck: sp: pl: VI. p. 84. = *Aregmatis* et *Pucciniæ* spec: Fries, Spr: (Inter *Urediineas Æcidineas* Duby cum generib: seqq:).

» *Sporidia* 3 - vel pluri - septata clausa cylindrica
» pedicellata. »

Obs: Species paucæ a *Pucciniis* vix distinguendæ. Fungilli minutissimi acervatim crescentes epidermide innati.

❋ 1. *Phr: obtusum* = Schmidt: et Kunz: exs: n. 120. = Duby bot: gall: p. 886. = *Puccinia Potentillæ* Grev: crypt: fl: t. 57. Spr: syst: IV. 566. ex Pers: *Aregma Phragmidium obtusatum* Fries l. c. p. 497. (In foliis Potentillarum variarum. *Sabaud*: Huguen: in litt:). Acervuli nigrescentes, sporidia oblonga obtusa 4-septata, pedicellus sub-elongatus gracilis albus.

❀ 2. *Phr: Ulmi* = Duby l. c. = Sub *Puccinia* Spr: l. c. ex DC. = Bivon: sic: III. t. 3. f. 4. *Mucor articulatus* Bull: t. 504. f. 14. Cum priori Fries l. c. p. 498. (In foliis Ulmi. *Sabaud*: Huguen: in litt:). Acervuli punctiformes fusci, sporidia ovalia obtusa 2-4-septata, ceterum vix a priori satis distinctum.

❀ 3. *Phr: intermedium* = Linck: sp: pl: VI. 2. p. 84. = Duby l. c. = *Puccinia Sanguisorbæ* DC. fl: fr: suppl: p. 54. Sub *P. Potentillæ* Spr: l. c. Cum priori Fries l. c. (In foliis Sanguisorbæ. *Sabaud:* Huguen: in litt:). Sporidiis *apiculatis* distinguitur a præcedentibus.

❀ 4. *Phr: incrassatum* = Linck: l. c. = Duby l. c. Pedicellus *incrassatus* nec filiformis præcipuum characterem hujusce stirpis constituit, cujus duas var: habemus, sc: α *mucronatum* in foliis Rosarum (*Puccinia Rosæ* DC. fl: fr: n. 581. Spr: l. c. Grev: crypt: fl: t. 15.) pedicello basi incrassato, sporidiis mucronato - acuminatis; et β *bulbosum* in foliis Ruborum (*Puccinia Rubi* DC. l. c. n. 582. Spr: l. c.) pedicello basi bulboso, sporidiis brevissime mucronulatis (Ambo in *Pedem*: Balb: el: p. 7. sub *P. Rosæ*, *Rubi*, et *mucronata*. Re fl: tor: II. p. 281. 282. sub *P. mucronata*. *Sabaud*: ex Perret specim: sub *P. Rubi*. Huguen: in litt: sub *Phr: incrassato*. Bonjean in litt: sub *P. Rosæ*, *Rubi*, et *bulbosa*). Binas hasce varr: tamquam species distinctas admittit cl: Fries l. c. sub nomine *Aregmatis bulbosi* et *mucronati*.

XV. Triphragmium Linck: sp: pl: VI. 2. p. 84. = *Pucciniæ* spec: Spr:

» *Sporidia* sub - globosa septo transversali et per-
» pendiculari in loculamenta tria divisa pedicellata. »

Obs: Spec: 2. ex Duby ludentes erumpendi modo inter *Phragmidiam* et *Pucciniam*. Cl: Fries syst: myc: III. p. 510. memorat hoc genus tamquam aberrationem *Pucciniarum* gregis ad folia annua enascentium.

❀ 1. *Tr*: *Ulmariæ* = Linck: l. c. = Duby bot: gall: p. 886. Sub *Puccinia* DC. fl: fr: suppl: p. 56. Sub *P. Potentillæ* Spr: syst: IV. 566. male = Chevall: fl: par: t. 11. f. 8. (In foliis Spireæ Ulmariæ. *Sabaud*: Huguen: in litt.). Acervi parvi fusci sub-rotundi epidermide tecti mox epidermide evanescente effusi, pedicellus filiformis brevis albus.

❀ 2. *Tr*: *Isopyri* = Duby l. c. ex Mong: = Ic:? (In foliis petiolisque Isopyri thalictroidis. *Sabaud*: Huguen: et Bonjean in litt:). Maculis decolorantibus et acervulis demum confluentibus vix distinguitur a priori.

XVI. Puccinia Linck: obs: II. p. 29. = *Pucciniæ* spec: Spr: syst: n. 3587. paucis exclusis = Fries syst: myc: III. p. 509.

» *Sporidia* pedicellata oblonga 1-2-septata, septis
» transversalibus. »

Obs: Genus numerosissimum, constans ex Spr: 37. stirpibus, ex Duby 50., duobus præcedentibus admodum affine habitu etiam inspecto, sed stirpes omnes constanter per epidermidem vivam ruptam erumpen-

tes; in multis septum vix dignoscitur. Pedicellus modo elongatus modo abbreviatus. Cl: FRIES l. c. majorem *Pucciniarum* partem considerat tamquam affinium generum evolutiones, easque dividit synoptice prout vel in foliis *perennibus* vel in foliis *annuis*, vel in *caulibus* enascuntur, nullasque species describit; plures tamen excludit et ad stirpes distinctas aliorum generum amandat.

α *Pedicello elongato.*

❀ 1. *P. Lychnidearum* = Linck: obs: II. p. 29. = Spr: syst: IV. 566. *P. Dianthi*, *Lychnidis*, et *Spergulæ* DC. = Ic: ? (In Lychnide variisque Cariophylleis. *Pedem*: BALB: el: p. 7. sub *P. Spergulæ*. *Sabaud*: HUGUEN: in litt:). Acervuli rufo-fusci orbiculati raro confluentes, sporidia elongata sub-cylindrica sub-orbiculata 2-septata, pedicellus longus rigidiusculus.

❀ 2. *P. Saginæ* = Duby bot: gall: p. 887. ex Schmid: et Kunze = Ic: ? (In Sagina procumbente et apetala. *Sabaud*: HUGUEN: in litt:). Differt a priori acervulis *sæpius* confluentibus, sporidiorum articulo supremo *truncato*, pedicello *longissimo albo*. Omissa a SPR:

❀ 3. *P. Circeæ* = Pers: syn: p. 228. et disp: t. 3. f. 4. = Spr: l. c. 566. excl: syn: DC. (In foliis et caule Circeæ lutetianæ et alpinæ. *Sabaud*: HUGUEN: et BONJEAN in litt:). Acervuli rufescentes sub-rotundi sub-confluentes, sporidia utrinque acuta medio subconstricta 1-septata, pedicellus capillaris longissimus.

❀ 4. *P. Globulariæ* = DC. fl: fr: suppl: p. 55. = Duby l. c. Sub priori Spr: l. c. = Ic:? (In Globularia vulgari. *Sabaud:* Huguen: in litt:). Vix differt a priori sporidiis *griseo-fuscis* minoribus interdum 2-septatis.

❀ 5. *P. Buxi* = DC. fl: fr: suppl: p. 60. = Duby l. c. p. 888. Spr: l. c. = Grev: crypt: fl: t. 17. (In Buxo sempervirente. Habeo a Perret ex *Sabaud: à la Biole* prope *Aix*. Huguen: Bonjean: in litt:). Acervuli obscure fusci sub-rotundi convexi sparsi, sporidia cylindrica utrinque rotundata 1-septata, pedicellus filiformis longus rigidus albus.

❀ 6. *P. Scorodoniæ* = Linck: sp: pl: VI. 2. p. 72. = Duby l. c. = Ic:? (In Teucrio Scorodonia aliisque nonnullis Labiatis. *Sabaud:* Huguen: in litt:). Acervuli cinnamomei sub-rotundi magni compacti convexi confluentes, sporidia elongata medio contracta inferne turbinata superne ovato-elliptica obtusa, pedicellus longus. Omissa a Spr:

❀ 7. *P. Clinopodii* = DC. l. c. p. 57. = Duby l. c. = Sub *P. Labiatarum* Spr: l. c. 568. male (In Clinopodio vulgari. *Pedem:* Balb: el: p. 7. *Sabaud:* Huguen: in litt:). Acervuli fusco-nigri parvi sub-rotundi planiusculi sparsi, sporidia sub-globosa punctato-tuberculosa, pedicellus filiformis flexuosus albus pellucidus.

❀ 8. *P. Menthæ* = Pers: syn: p. 727. = Duby l. c. Sub *P. Labiatarum* Spr: l. c. male = Ic:? (In Menthis præsertim. *Pedem:* Balb: el: p. 7. Re fl: tor: II. p. 281. *Sabaud:* Huguen: et Bonjean in litt:). Vix differt a priori sporidiis *lævibus*.

❀ 9. *P. Gentianæ* = Linck: l. c. p. 73. = Duby l. c. Sub *Uredine* DC. l. c. p. 64. Spr: l. c. 578. = Ic:? (In variis Gentianis. *Pedem*: Balb: el: p. 8. sub *Uredine*. *Sabaud*: Huguen: et Bonjean in litt:). Acervuli fusco-nigri magnitudine et forma varii convexi sub-confluentes, sporidia sub-ovata non constricta, pedicelli inæquales.

❀ 10. *P. Tanaceti* = DC. fl: fr: n. 593. = Duby l. c. Sub *P. Artemisiarum* Spr: l. c. 566. = Ic:? (Utrinque in foliis Tanaceti vulgaris et Balsaminæ. *Sabaud*: Huguen: in litt:). Acervuli fusco-nigri irregulares sparsi, sporidia obtusa teretia medio sub-constricta, pedicellus filiformis elongatus albus.

❀ 11. *P. Avicularicæ* = Pers: syn: p. 227. = Duby l. c. p. 889. = Sub *P. bullata* Spr: l. c. 567. (In Polygono aviculario. *Sabaud*: Huguen: in litt:). Acervuli fusci convexi caulini oblongi hypophylli sub-rotundi, sporidia ovoidea obtusa vix constricta, pedicellus filiformis longissimus incurvus.

❀ 12. *P. Graminis* = Pers: syn: p. 228. = Spr: l. c. = Ann: of bot: II. t. 3. sec: Spr: (In variis Graminibus. *Pedem*: Balb: el: p. 11. non Re fl: tor: *Sabaud*: ex Perret specim: Huguen: in litt:). Acervuli e luteo-fusci demum nigri lineares confluentes, sporidia elongata clavata vel sub-cylindrica obtusa non constricta, pedicellus sub-elongatus filiformis albidus. Planta Re pertinet ad seq: ex descr: et loco nascendi. Huc referenda sec: Spr: *P. Junci* Roehl:, *Uredo linearis* Strauss:, et *U. Frumenti* Sowerb: in *Sabaud*: enascentes sec: Bonjean in litt:

❀ 13. *P. Caricis* = Duby l. c. p. 889. = Spr: l. c.

P. caricina DC. fl: fr: suppl: p. 60. = Ic:? (In Caricibus variis. *Pedem*: speciatim in foliis Caricis digitatæ. Re fl: tor: II. p. 282. sub *P. Graminis* male. *Sabaud*: Huguen: in litt:). Differt a priori acervulis *ovatis*, sporidiis *medio constrictis*, pedicello *magis elongato*.

❋ 14. *P. Asparagi* = DC. fl: fr: II. p. 595. = Duby l. c. = Ic:? (In Asparago officinali. *Sabaud*: Huguen: et Bonjean in litt:). Acervuli rufo-fusci ovato-oblongi sparsi confertive pulvinati, sporidia oblonga obtusa medio constricta, pedicellus filiformis longus albus. Omissa a Spr:

❋ 15. *P. Veronicarum* = DC. l. c. p. 594. = Duby l. c. Sub *P. Labiatarum* Spr: l. c. 568. = Ic:? (In variis Veronicis. *Sabaud*: Huguen: in litt:). Acervuli fusci orbiculares parvi aggregati demum confluentes, sporidia elongata medio constricta inferne ovata vel elliptica superne obtusa vel ad apicem attenuata, pedicelli inæquales.

β Pedicello abbreviato.

❋ 16. *P. Polygonorum* = Linck: sp: pl: VI. 2. p. 69. excl: *P. Polygoni Convolvuli* = Spr: l. c. 565. *P. Polygoni amphibii* Pers: syn: p. 227. DC. fl: fr: n. 598. *P. Bistortæ* DC. fl: fr: suppl: p. 61. = Ic:? (In variis Polygonis, præsertim amphibio. *Sabaud*: ex Perret specim: et Huguen: in litt:). Acervuli minuti rufo-fusci orbiculari-planiusculi conferti sub-confluentes, sporidia ovata utrinque obtusa non constricta, pedicellus brevissimus.

❋ 17. *P. Compositarum* = Schlecht: ber: II. p. 133. = Spr: l. c. 567. *P. Calcitrapæ*, *Centaureæ*, *Podospermi*, et *Echinopis* DC. = Ic: ? (In foliis vel rarius caule variarum Compositarum. *Sabaud:* Huguen: in litt: Sub *P. flosculosorum* Bonjean in litt:). Acervuli fusco - nigricantes parvi sub - rotundi vel sub - ovati confluentes, sporidia ovato - elliptica utrinque obtusa medio sub-constricta, pedicellus brevissimus. Variat et venit sub variis nominibus pro specie in qua nascitur, veluti *P. Hieracii*, *Cnici*, etc.; has habeo e *M. Cenisio* a Bonjean.

❋ 18. *P. Eryngii* = DC. fl: fr: suppl: p. 58. = Spr: l. c. = Ic: ? (In Eryngio campestri. *Sabaud:* Huguen: in litt:). A priori distinguitur acervulis *crassis nigris* valde *irregularibus*, sporidiis *oblongis* non *constrictis*.

❋ 19. *P. Umbelliferarum* = DC. l. c. = Spr: l. c. excl: syn: *Bullariæ* = *P. Heraclei* Grev: crypt: fl: t. 42. (In foliis rarius caule variarum Umbelliferarum. *Pedem:* Balb: el: p. 7. In *M. Cenisio* Bonjean in litt:). Stirps admodum varians, præsertim a pedicello *sub-nullo* dignoscenda, ceterum præcedenti valde similis. Hac spectat sec: Spr: *Uredo Pimpinellæ* Strauss:, quam in *Sabaud:* invenisse tradit Bonjean in litt:

❋ 20. *P. Pruni* = DC. fl: fr: n. 594. = Spr: l. c. *P. Pruni spinosæ* Pers: syn: n. 226. = Hedw: fl: ined: t. 10. sec: DC. (In foliis Prunorum. *Pedem:* Balb: el: p. 7. *Sabaud:* Huguen: et Bonjean in litt:). Acervuli dilute fusci sub-rotundi plani demum totam partem paginæ occupantes, sporidia ovato - cylindrica

obtusa medio constricta, pedicellus brevissimus.

❀ 21. *P. Ribis* = DC. l. c. n. 590. = Spr: l. c. 568. = Ic:? (In foliis Ribis rubri et petræi. *Sabaud*: Huguen: in litt:). Acervuli fusci orbiculares planiusculi sparsi aut demum sub-confluentes, sporidia et pedicellus ut in præcedenti sed illa non constricta.

❀ 22. *P. Adoxæ* = DC. fl: fr: n. 586. = Spr: l. c. = Hedw: fung: ined: t. 16. sec: DC. (Subtus raro supra folia et ad petiolos Adoxæ moschatellinæ. *Pedem*: Balb: el: p. 7. *Sabaud*: Billet, Huguen: et Bonjean in litt:). Acervuli rufo-fusci orbiculares sparsi conferti vel confluentes, sporidia obtusa sub-constricta, pedicellus brevissimus.

❀ 23. *P. Saxifragarum* = Schlecht: ber: II. p. 134. = *P. Saxifragæ* Spr: l. c. = Ic:? (In foliis Saxifragæ præsertim granulatæ. *Sabaud*: Huguen: in litt:). Acervuli dilute rufi orbiculares vel oblongi convexi sparsi sub-conferti, sporidia medio constricta inferne turbinato-globosa superne ovato-oblonga vel mitræformia, pedicellus sub-nullus.

❀ 24. *P. Anemones* = Pers: obs: II. t. 6. f. 5. = Spr: l. c. = *Æcidium fuscum* Sowerb: fung: t. 43. (In variis Anemones speciebus præsertim nemorosæ. *Pedem*: Re fl: tor: II. p. 281. In *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Acervuli fusci subrotundi convexi seriatim dispositi conferti, sporidia oblonga utrinque obtusa medio constricta, pedicellus brevissimus. Ad *Uredines* amandata a Fries syst: myc: III. p. 514. in obs: 1.

❀ 25. *P. Thalictri* = Chevall: fl: par: I. p. 417. = Duby l. c. p. 891. = Ic:? (Subtus folia Thalictri

pubescentis et flavi. *Sabaud:* Huguen: in litt:). Acervuli fusci irregulares sub - confluentes, sporidia fere ut in priori sed punctato-tuberculosa. Omissa a Spr:

❋ 26. *P. Asphodeli* = Duby l. c. = Sub *Uredine* DC. fl: fr: suppl: p. 70. Spr: l. c. 577. = Ic:? (In Asphodelo ramoso. *Sabaud:* Huguen: in litt: sub *Puccinia.* Bonjean in litt: sub *Uredine*). Acervuli rufo - fusci prominuli orbiculares ovative sparsi solitarii vel sub-aggregati post sporidiorum casum concavi, sporidia magna sub-globosa obtusa punctulata medio vix constricta, pedicellus sub-nullus.

❋ 27. *P. Epilobii* = DC. l. c. p. 61. = Duby l. c. Sub *P. Anemones* Spr: l. c. 568. = Ic:? (Subtus folia Epilobiorum origanifolii et palustris. *Sabaud:* Huguen: in litt:). Acervuli cinnamomei prominuli orbiculatim conferti, sporidia oblonga obtusa medio constricta articulis globoso-depressis, pedicellus brevissimus.

❋ 28. *P. Violæ* = DC. l. c. p. 62. = Spr: l. c. = Ic:? (Subtus folia variarum Violarum. *Sabaud:* Huguen: in litt:). Acervuli fusci parvi sparsi orbiculares, sporidia ovoidea utrinque obtusa medio sub - constricta, pedicellus brevissimus.

❋ 29. *P. Primulæ* = Duby l. c. = Sub *Uredine* DC. l. c. p. 68. *Uredo Valerianæ* var: Spr: l. c. 576. = Ic:? (Subtus folia Primulæ grandifloræ. *Sabaud:* Huguen: in litt:). Acervuli rufo - fusci minuti annulatim conferti sub - ovati convexi, sporidia minutissima ovoidea sub-angulosa non constricta, pedicellus sub-nullus.

❋ 30. *P. Betonicæ* = DC. l. c. p. 57. = Duby

l. c. *P. Labiatarum* var: Spr: l. c. 568. = Sub *Dicacoma* Nees fung: t. 1. f. 11. (Subtus raro supra folia Betonicæ officinalis. *Sabaud*: Huguen: in litt:). Acervuli rufescentes parvuli sub-rotundi aggregati convexi, sporidia ovata obtusa non constricta, pedicellus brevissimus.

XVII. Uredo Pers: syn: p. 214. = Spr: syst: n. 3592. excl: stirpib: ad *Æcidium* spectantibus = Fries syst: myc: III. p. 515. = *Cæomatis* spec: quorund:

» *Sporidia* unilocularia non septata minutissima
» rarius pedicellata in acervulos congesta, epider-
» mide primo obtecta, demum, hac irregulariter ru-
» pta, in pseudo-peridium non extensa sub-nuda. »

Obs: Fungilli omnium simplicissimi numerosissimi (spec: cognitæ 120. circiter), varie ab Auctoribus divisi ex sporidiorum colore et confluentia, nec non ex præsentia vel defectu pedicelli. Dehiscendi modus ex epidermide optimos præbet quoque characteres. Quoad stirpes ex Fries, eadem observatio occurrit ac circa *Pucciniam*.

α *Sporidiis albis.*

❀ 1. *U. candida* = Pers: syn: p. 223. = Spr: syst: IV. 574. = Grev: crypt: fl: t. 251. Sub *Cæomate* Nees syst: t. 1. f. 8. (In foliis variarum herbarum præcipue Cruciferarum. *Pedem*: in foliis præsertim Thlaspidis Bursa-Pastoris Balb: el: p. 8. sub *U. candida* et *Cruciferarum*. Re fl: tor: II. p. 279. *Sabaud*: Huguen: et Bonjean in litt:). Acervuli sub-rotundi

vel ovales sparsi vel confluentes epidermide bullata rarius rumpente tecti, sporidia copiosissima globosa sessilia.

❋ 2. *U. Portulacæ* = DC. fl: fr: suppl: p. 88. = Duby bot: gall: p. 892. *U. candidæ* var: Spr: l. c. = Ic: ? (In Portulaca oleracea. *Sabaud*: Huguen: et Bonjean in litt:). Vix differt a priori statione *epiphylla*, acervulis *regularibus* sub-rotundis, epidermide *demum rumpente*.

β Sporidiis flavis omnibus conformibus.

❋ 3. *U. Alliorum* = DC. l. c. p. 82. = Spr: l. c. = Ic: ? (In variis Allii speciebus. *Sabaud:* Bonjean in litt:). Acervuli lineares oblongi vel ovales convexi epidermide longitudinaliter rumpenti, sporidia ovoidea vel sub-globosa flava vel albida.

❋ 4. *U. Empetri* = Pers: in Moug: et Nestl: voy: n. 391. = Spr: l. c. = Ic: ? (Subtus in foliis Empetri nigri. *Sabaud*: Bonjean in litt:). Acervuli magni sparsi ovales epidermide rupta et elevata cincti, sporidia ovoidea.

❋ 5. *U. Pyrolæ* = Strauss: Wett: ann: II. p. 97. sec: Duby l. c. = Spr: l. c. 575. (Subtus folia Pyrolæ secundæ. *M. Cenisio* Bonjean. *Sabaud:* Huguen: in litt:). Acervuli pallide lutei minuti prominuli orbiculares sparsi, sporidia ovoidea demum effusa.

❋ 6. *U. Rhododendri* = DC. l. c. p. 86. = Spr: l. c. 574. (Subtus folia et supra fructus Rhododendri ferruginei. *Pedem*: in alpibus Balb: el: p. 8. *Sabaud*: Huguen: et Bonjean in litt:). Acervuli minimi plani

sub-carnosi sub-conferti sub-rotundi epidermide rumpente, sporidia sub-globosa effusa.

❀ 7. *U. Soldanellæ* = DC. l. c. p. 85. = Duby l. c. p. 893. *U. Rhododendri* var: Spr: l. c. = Ic: ? (Subtus folia Soldanellæ alpinæ. *Pedem*: Balb: el: p. 8. *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Acervuli numerosi sub-rotundi distincti approximati epidermide poro regulari dehiscente, sporidia globosa minuta.

❀ 8. *U. linearis* = Pers: syn: p. 216. = Spr: l. c. 575. = Ic: ? (In foliis et culmis graminum præsertim cerealium. *Pedem:* Balb: el: p. 8. Re fl: tor: II. p. 278.). Acervuli elliptici demum elongati lineares præcipue secus nervos epidermide longitudinaliter erumpente, sporidia oblonga.

❀ 9. *U. Polypodii* = DC. l. c. p. 81. = Spr: l. c. 579. = *U. linearis β Polypodii* Pers: syn: p. 217. t. 4. f. 9. a (In foliis utrinque Filicum præsertim Polypodii, Aspidii, Adianti etc. *Pedem*: Balb: el: p. 8. *M. Cenisio* Bonjean in litt:). Acervuli minuti orbiculares vel ovati sparsi vel aggregati convexi demum sporidiis elapsis concavi epidermide diu clausa tandem longitudinaliter erumpente, sporidia pellucida sub-pyriformia.

❀ 10. *U. ovata* = Strauss: in Wett: ann: II. p. 92. t. 11. f. 6. var: α sec: Duby l. c. p. 893. = *U. betulina* Spr: l. c. 576. (Subtus folia Populorum præsertim tremulæ. *Sabaud*: Huguen: in litt:). Acervuli parvi orbiculares convexi aggregati aurantiaci demum fusci epidermide rupta cincti, sporidia ovato-globosa conglutinata.

❀ 11. *U. Senecionis* = DC. fl: fr: n. 620. = Spr: l. c. 575. = Ic: ? (Subtus folia Senecionum variorum. *Sabaud*: Huguen: in litt:). Acervuli sparsi vel conferti demum confluentes sub-rotundi croceo-aurei epidermide rupta cincti, sporidia sub-globosa.

❀ 12. *U. Tussilaginis* = Pers: syn: p. 218. = Duby l. c. *U. tuberculosæ* var: Spr: l. c. = Ic: ? (In Tussilagine Farfara. *M. Cenisio* Bonjean in litt: *Sabaud*: Perret specim: Huguen: in litt:). Acervi minutissimi sub-rotundi sparsi vel in circulum aggregati demum obliterati epidermide rupta cincti, sporidia sub-ovata.

❀ 13. *U. Sonchi* = Pers: syn: p. 217. = Duby l. c. *U. tuberculosæ* var: Spr: l. c. = Ic: ? (In Sonchis pluribus. *Pedem*: Bale: el: p. 9. *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Acervuli minuti depressi orbiculati vel irregulares sparsi rarius confluentes epidermide cincti demum obliterati, sporidia sub-globosa.

❀ 14. *U. Petasitis* = DC. l. c. n. 635. = Duby l. c. = *U. tuberculosæ* var: Spr: l. c. (Subtus folia Tussilaginis Petasitis. *Sabaud*: Huguen: in litt:). Vix a duabus præcedentibus diversa epidermide *prominula granulosa numquam rupta*.

❀ 15. *U. Rosæ* = Pers: syn: p. 215. = Spr: l. c. = Ic: ? (Subtus folia Rosarum. *Pedem*: Bale: el: p. 8. *Sabaud*: Huguen: et Bonjean in litt:). Sporidiis subglobosis viridi-flavis in acervos minutos epidermide cinctos congestis facile distinguenda.

❀ 16. *U. pinguis* = DC. l. c. n. 631. = Duby l. c. p. 894. Sub *U. miniata* DC. l. c. = *U. effusa*

Grev: crypt: fl: t. 19. *U. Rosæ* var: quorund: (In petiolis, nervis et ovariis Rosarum præsertim austriacæ et alpinæ. *Pedem:* Balb: el: p. 8. Biroli fl: acon: II. p. 247. sub *U. miniata* excl: syn: Pers: *Sabaud:* Huguen: in litt:). Acervuli late effusi crassi convexi miniato - aurantiaci epidermide rupta cincti, sporidia copiosa sub - globosa.

❋ 17. *U. Ruborum* = DC. l. c. n. 629. = Spr: l. c. = *Æcidium Rubi* Sowerb: fung: t. 398. (Subtus raro supra folia Ruborum præsertim fruticosi. *Pedem:* Balb: el: p. 8. Re fl: tor: II. p. 278. sub *U. Rubi fruticosi. Sabaud:* Perret specim: Huguen: et Bonjean in litt:). Acervuli aurantio-flavi orbiculati oblongive, sporidia sub-globosa aurantiaca.

❋ 18. *U. Potentillarum* = DC. fl: fr: suppl: p. 80. = Duby l. c. *U. Potentillæ* et *Poterii* pro parte Spr: l. c. n. 63. et 76. = Ic:? (In foliis subtus et petiolis Potentillarum aliarumque Rosacearum. *Pedem:* Balb: el: p. 8. sub *U. Potentillæ* et *Alchemillæ*. In *M. Cenisio* pro var: *U. potentillæ* Bonjean in litt: *Sabaud:* pro omnibus varr: Huguen: et Bonjean in litt:). Acervuli flavo - aurantiaci sub - rotundi vel ovales bullati aggregati vel confluentes, sporidia sub - globosa subcohærentia sub - aurantiaca. Variat ratione stirpis in qua innascitur.

❋ 19. *U. Saxifragarum* = DC. l. c. p. 87. = Duby l. c. *U. Potentillæ* var: sec: Spr: l. c. 575. = Ic:? (Subtus folia variarum Saxifragarum. *Pedem:* Balb: el: p. 8. In *M. Cenisio.* Bonjean in litt:). Acervuli pallide flavi pauci sub-rotundi sub-elevati emissis sporidiis concavi sparsi vel aggregati, epider-

mide rupta persistente, sporidia sub - globosa.

❋ 20. *U. Vincetoxici* = DC. l. c. p. 85. = Duby l. c. = Ic:? (Subtus folia Cynanchi Vincetoxici. *Sabaud*: Bonjean in litt:). Acervuli pallide flavi sparsi minimi convexi poro centrali dehiscentes, sporidia sub-sphærica. Omissa a Spr:

❋ 21. *U. pustulata* = Pers: syn: p. 219 = Duby l. c. *U. Potentillæ* var: sec: Spr: l. c. = Ic:? (Subtus folia variarum plantarum Caryophillacearum, Onograriarum et Vacciniorum. *Sabaud*: Huguen: in litt:). Acervuli sub-rotundi minuti pallide flavi convexi sparsi confertive epidermide clausa rarius rumpente, sporidia sub-ovoidea vel globosa. Variat uti diximus de *U. Potentillarum*.

❋ 22. *U. punctata* = DC. fl: fr: n. 633. = Duby l. c. = Ic:? (Subtus folia variarum Euphorbiarum. *Pedem*: Balb: el: p. 8. *Sabaud*: Huguen: et Bonjean in litt:). Acervuli flavidi demum nigro-punctati rotundi minuti sparsi vel circinatim confluentes clausi, sporidia sub-globosa. Quid in Spr:?

❋ 23. *U. Campanulæ* = Pers: syn. p. 217. = Spr: l. c. 575. = Ic:? (Subtus folia plurium Campanularum. *Pedem*: Balb: el: p. 8. Re fl: tor: II. p. 278. In *M. Cenisio* Bonjean in litt: Habeo ex *Sabaud*: a Perret sub *U. Rubiginis* α DC.). Acervuli crocei demum pallidi irregulares sparsi sub-convexi tremelloidei epidermide tandem rumpente cincti, sporidia sub-globosa cohærentia. Possideo eandem plantam ex *Helvetia* sub *C. tremelloide*.

❋ 25. *U. Hypericorum* = DC. fl: fr: suppl: p. 81. = Duby l. c. p. 895. Sub *U. Pyrolæ* Spr: l. c. =

Ic: ? (Subtus folia variorum Hypericorum. *Pedem:* Balb: el: p. 8. *Sabaud*: Huguen: et Bonjean in litt:). Acervuli aurantiaci sparsi vel distincti aggregati rarissime confluentes orbiculati epidermide bullata demum rupta, sporidia sub-globosa cohærentia.

❋ 25. *U. Rhinantacearum* = DC. l. c. p. 80. = Spr: l. c. = Ic: ? (Subtus folia Rhinanthi, Euphrasiæ etc. *Pedem*: Balb: el: p. 8.). Acervuli flavocrocei sub-rotundi vel irregulares plani sub-confluentes epidermide serius rupta persistente, sporidia sub-globosa compacta.

❋ 26. *U. confluens* = DC. fl: fr: n. 626. = Spr: l. c. 576. = *U. farinosa* Hornm: fl: dan: t. 1367. f. 2. sec: Spr: (Subtus folia Mercurialis perennis. *Sabaud*: Huguen: et Bonjean in litt:). Acervuli minuti aurantiaci orbiculares vel elongati circinatim digesti confluentes epidermide rupta cincti, sporidia globosa non cohærentia.

γ *Sporidiis flavis dissimilibus.*

❋ 27. *U. longicapsula* = DC. fl: fr: 625. et suppl: p. 84. = Duby l. c. *U. Populi* Spr: l. c. 576. ? = *Lycoperdon populinum* Jacq: coll: V. t. 9. f. 2. 3. (Subtus folia Populi nigræ, Betulæ albæ et pubescentis. In *M. Cenisio* pro var: *β betulina* Bonjean in litt: *Sabaud*: prope *Aix* Perret specim: et Huguen: in litt: pro var: *α populina*). Acervuli flavi subrotundi parvi initio rari demum confluentissimi epidermide tandem poro rumpente, sporidia alia subglobosa pedicellata alia oblonga sessilia. In var: *β* a-

cervuli sunt minores epidermide rarissime dehiscente, sporidia pedicellata sub-nulla.

❋ 28. *U. mixta* = Steud: nom: bot: p. 432, ex Linck: = Duby l. c. *U. Salicis* var: Spr: l. c. = Ic:? (Subtus raro supra folia, petiolos, ramos juniores capsulasque variarum Salicum. *Sabaud*: Huguen: in litt:). Acervuli lutei sub-rotundi confluentes epidermide rupta cincti, sporidia alia sub-rotunda brevipedicellata alia oblongo-ovoidea sessilia utrinque obtusa.

❋ 29. *U. Salicis* = DC. fl: fr: 617. = Spr. l. c. *U. Salicis*, *Vitellinæ* et *Capræarum* Duby l. c. p. 896. ex DC. = Chantr: n. 43. t. 18. f. 43. et n. 56. t. 22. f. 55. et 55. A sec: DC. (In Salicibus diversis. *Pedem*: Balb: el: p. 8. sub *U. Salicis* et *Capræarum*. Re fl: tor: II. p. 278. sub *U. farinosa*. In *M. Cenisio* varr: plures Bonjean in litt: *Sabaud*: ex Perret spec: pro *U. Vitellinæ* et *Capræarum*. Huguen: in litt: pro *U. Vitellinæ*). Species istæ, quæ vix differunt a præcedenti acervulis *non confluentibus* et forma sporidiorum pedicellatorum ex *globoso-pyriformi*, differentias exhibent inter se se vix conspicuas nec satis constantes præsertim in longitudine pedicelli, ut merito illas separare valeamus.

❋ 30. *U. Euphorbiæ* = Rebent: neom: p. 354. = Duby l. c. = *U. Helioscopiæ* var: Spr: l. c. (Subtus folia variarum Euphorbiarum Balb: el: p. 8. sub *U. Euphorbiæ*. Re fl: tor: II. p. 268. Biroli fl: acon: II. p. 257. *Sabaud*: Bonjean in litt:). Acervuli aurantiaco-flavi sub-rotundi sparsi planiusculi epidermide rupta

cincti, sporidia alia elongato-pyriformia alia subglobosa alia globosa pedicellata.

✻ 31. *U. Lini* = DC. l. c. 630. = Spr: l. c. = Ic:? (Utrinque in foliis et caule Lini præsertim cathartici et usitatissimi. *Pedem*: Balb: el: p. 8. Re fl: tor: II. p. 278. *M. Cenisio* Bonjean in litt: *Sabaud*: prope *Aix* Perret specim:). Acervuli flavo-aurantiaci convexi sub-rotundi sparsi epidermide rupta cincti, sporidia alia sub-globosa alia pyriformia alia subrotunda breviter pedicellata.

δ *Sporidiis fusco-bruneis omnibus aut plurimis pedicellatis.*

✻ 32. *U. scutellata* = Pers: syn: p. 220. = Spr: l. c. 577. = Ic:? (Subtus folia Euphorbiarum præsertim Cyparissæ. *Pedem*: Balb: el: p. 8. Re fl: tor: II. p. 278. *Sabaud:* Bonjean in litt: Perret legit prope *Aix* in foliis *Plantaginis Coronopus* et misit). Acervuli fusco-umbrini sub-rotundi aggregati vel seriati epidermide rupta elevata cincti, sporidia sub-globosa brevi-pedicellata.

✻ 33. *U. excavata* = DC. l. c. n. 607. et suppl: p. 69. = Duby l. c. = Ic:? (Subtus folia plurium Euphorbiarum. *Pedem*: Balb: el: p. 8. Habeo etiam ex *Sabaud:* lectam a Perret in Euphorbia verrucosa). Acervuli fusci parvuli numerosi orbiculati sparsi epidermide sub-inflata cincti, sporidia sub-ovoidea alia sessilia alia brevi-pedicellata. Quid in Spr:?

✻ 34. *U. Epilobii* = DC. fl: fr: suppl: p. 73. = Duby l. c. = Ic:? (Subtus raro supra folia Epilobii

tetragoni et montani. *M. Cenisio* Bonjean in litt:). Vix differt a priori acervulis *rufescentibus* magis *distantibus*, epidermide *non inflata*. Quid in Spr:? Huc videtur referenda *U. vagans* DC. quam cl. Re asserit invenisse in Epilobio tetragono, Valeriana sylvestri, Viola odorata etc. (fl: tor: p. 280. Balb: el: p. 9.).

❋ 35. *U. Phyteumarum* = DC. fl: fr: n. 602. et suppl: p. 65. = Duby l. c. p. 897. *U. Phyteumæ* Spr: l. c. = Ic:? (Subtus folia Phyteumarum variarum. In *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Acervuli fusco - brunei orbiculares demum confluentes epidermide bullata serius rupta cincti, sporidia ovato-pyriformia pedicellis inæqualibus.

❋ 36. *U. Cichoracearum* = DC. fl: fr: n. 612. et suppl: p. 74. cum *U. Cyani* = Duby l. c. *U. Ephialtes* Spr: l. c. 578. = Ic:? (In Cichoraceis et Centaureis variis. *Pedem*: Balb: el: p. 8. *Sabaud*: Bonjean in litt: sub *U. Cyani*). Acervuli fusci minimi orbiculares sparsi raro confluentes epidermide rupta sæpius cincti, sporidia varia. Stirps dubia bis enumerata a Spr: sub *U. Cichorearum* et *Ephialtes* si syn: *U. Cichorearum* DC. ab ipso sub utraque citatum attendas.

❋ 37. *U. Cacaliæ* = DC. fl: fr: suppl: p. 65. = Duby l. c. *U. Ephialtes* var: Spr: l. c. 578. = Ic:? (Subtus folia Cacaliæ Petasites. *Pedem:* Balb: el: p. 8. *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Acervuli rufo - brunei magni orbiculares subplani epidermide rupta demum oblitterata cincti, sporidia ovato-oblonga brevi-pedicellata.

❋ 38. *U. Fabæ* = Pers: disp: p. 13. = Duby l. c. *U. appendiculatæ* var: Spr: l. c. 677. = Grev:

crypt: fl: t. 95. *U. Fabæ*, *Trifolii*, *Cytisi* et *Laburni* DC. (In caulibus, petiolis et foliis utrinque variarum Leguminosarum. *Pedem*: Balb: el: p. 8. sub *U. Fabæ*, *Laburni* et *Trifolii*. Re fl: tor: II. p. 248. sub ead: *Sabaud:* Huguen: et Bonjean in litt:). Acervuli plus minus fusci sub-rotundi vel ovales bullati sparsi vel aggregati demum confluentes epidermide rupta cincti, sporidia sub-globosa vel ovoidea alia brevi-pedicellata.

❋ 39. *U. appendiculata* = Pers: syn: 221. = Spr: l. c. excl: syn: *U. Fabæ* et *Pisi*. *U. Pisi*, *Orobi* et *Phaseolorum* DC. = *Cæoma Phaseoli* Nees fung: t. 1. f. 10. *Puccinia Fabæ* Grev: crypt: fl: t. 29. (Ad Leguminosas varias. *Pedem*: Balb: el: p. 8. sub *U. Phaseolorum*. Re fl: tor: II. p. 279. sub *U. Phaseoli*. Biroli fl: acon: II. p. 248. sub ead: *Sabaud*: Bonjean in litt: sub *U. Phaseolorum*). Vix differt a priori colore *nigricante*, sporidiis *omnibus longe pedicellatis*.

❋ 40. *U. Limonii* = Duby l. c. = Sub *Puccinia* DC. fl: fr: II. p. 595. = Ic: ? (In caule, petiolis et foliis utrinque Statices Limonii. *Sabaud*: Huguen: in litt:). Epidermide *longitudinaliter rumpente*, et sporidiis *longissime* pedicellatis pedicellis *albis* cito distinguitur ab affinibus. Omissa a Spr:

❋ 41. *U. ambigua* = DC. fl: fr: suppl: p. 64. = Spr: l. c. = Ic: ? (In foliis quorundam Alliorum præsertim Victorialis. *Sabaud*: Huguen: in litt:). Acervuli rufo-fusci sub-rotundi vel sub-ovati sparsi aggregati vel confluentes epidermide grisea demum longitudinaliter erumpente persistente, sporidia pyriformia longe pedicellata.

❋ 42. *U. Erythronii* = DC. l. c. p. 67. = Duby l. c. p. 898: = *U. Aristolochiæ* var: Spr: l. c. (In Erythronio dente-canis. *Pedem*: in collibus *Taurin*: a Bertero reperta Re fl: tor: II. p. 280. sub *U. Aristolochiæ*). Acervuli rufo - fusci ovato - rotundi sparsi sæpius annulatim congesti epidermide longitudinaliter erumpente persistente, sporidia oblonga apiculata brevipedicellata.

❋ 43. *U. Muscari* = Duby l. c. = Ic: ? (In Muscari comoso. *Sabaud*: Huguen: in litt:). Differt a priori præsertim acervulis in maculas magnas orbiculares oblongasque confluentibus, sporidiis sæpius pyriformibus.

❋ 44. *U. Geranii* = DC. l. c. p. 73. = Spr: l. c. 579. = Grev: crypt: fl: t. 8. (Subtus folia Geraniorum variorum. *Pedem*: Balb: el: p. 8. *Sabaud*: Huguen: et Bonjean in litt:). Acervuli rufo - fusci orbiculares sparsi conferti numerosissimi epidermide bullata demum longitudinaliter rumpente persistente, sporidia globosa sessilia cum pedicellulis commixta.

ε *Sporidiis fusco-bruneis omnibus sessilibus.*

❋ 45. *U. Iridis* = Duby l. c. = Ic: ? (Ad Iridem fætidissimam. *Sabaud*: Huguen: in litt:). Acervuli pallide rufi parvi oblongi vel lineares sparsi vel aggregati linea violacea interdum circumscripti epidermide bullata vix longitudinaliter dirumpente, sporidia globosa pellucida.

❋ 46. *U. Rubigo vera* = DC. l. c. p. 83. = Spr: l. c. 576. = Mal: grains: p. 200. 215. c. ic: sec: DC.

(In cerealibus sæpe cum *Puccinia graminum* et *U. lineari* commixta. *Pedem*: Balb: el: p. 8. Re fl: tor: II. p. 280.). Acervuli flavi demum rufi minimi ovato-elongati sparsi epidermide bullata tecti dein rupta cincti, sporidia sub-globosa minutissima. Non confundenda cum *U. Rubiginis* α et β DC. quarum prima ad *U. Campanulæ*, altera ad *tuberculosam* spectant.

❋ 47. *U. Prunastri* = DC. l. c. p. 85. = Spr: l. c. 574. = Ic: ? (Supra folia Pruni spinosæ. *Sabaud:* Huguen: in litt:). Acervuli ferruginei parvi orbiculati sæpe confluentes epidermide vix rumpente, sporidia ovoidea.

❋ 48. *U. Ribis* = Chevall: fl: par: I. p. 400. = Duby l. c. = Ic: ? (Ad folia Ribis alpini. *Sabaud:* Huguen: in litt:). Acervuli fusci sub-rotundi vel ovales sæpe confluentes epidermide rupta cincti, sporidia ovoidea sub-cohærentia.

❋ 49. *U. Plantaginis* = Duby l. c. (In Plantagine lanceolata. *Sabaud:* Huguen: in litt:). Acervuli fusco-brunei orbiculares oblongive prominuli planiusculi epidermide longitudinaliter rupta cincti, sporidia globosa pellucida.

❋ 50. *U. Polygonorum* = DC. l. c. p. 71. = Spr: l. c. 578. = Fl: dan: t. 1318. (In variis Polygonis. *Pedem*: Balb: el: p. 8. *Sabaud:* Bonjean in litt:). Acervuli rufi minuti orbiculares convexi sparsi sæpe confluentes epidermide rupta cincti, sporidia subglobosa.

❋ 51. *U. Rumicum* = DC. l. c. p. 66. = Spr: l. c. 578. = Ic: ? (Utrinque ad folia Rumicum vario-

rum. *Sabaud:* Bonjean in litt:). Acervuli rufi minuti orbiculares convexi sparsi plerumque demum confluentes epidermide bullata picea persistente, sporidia sub-globosa utrinque obtusa interdum brevissime pedicellata.

❋ 52. *U. Vincæ* = DC. l. c. p. 70. = Duby l. c. p. 899. *U. Betæ* var: Spr: l. c. = Ic: ? (Subtus raro supra folia vel petiolos Vincæ majoris. *Pedem*: Balb: el: p. 9. *Sabaud*: Huguen: et Bonjean in litt:). Acervuli rufo-fusci numerosi sub-rotundi epidermide rupta cincti vel sub-tecti, sporidia sub-ovoidea.

❋ 53. *U. Sedi* = DC. l. c. p. 69. = Spr: l. c. = Ic: ? (Generatim in foliis variarum Crassulacearum. *Pedem*: Balb: el: p. 8. *M. Cenisio* Bonjean in litt: *Sabaud:* Huguen: in litt:). Acervuli luteo-fusci verrucæformes sparsi sæpissime clausi, sporidia sub-globosa.

❋ 54. *U. Violarum* = DC. l. c. p. 73. = Spr: l. c. = *F. Violæ* Schum: fl: dan: t. 1317. f. 1. sec: Spr: (Supra raro subtus folia variarum Violarum. *Pedem*: Balb: el: p. 9. *Sabaud*: Huguen: in litt:). Acervuli rufi orbiculati sparsi epidermide bullata demum rupta persistente, sporidia sparsa sub-globosa.

❋ 55. *U. suaveolens* = Pers: syn: p. 221. = Spr: l. c. = Fl: dan: t. 1368. (Subtus folia Serratulæ arvensis. *Pedem*: Balb: el: p. 9. Re fl: tor: II. p. 279. Habeo ex *Sabaud*: a Perret lectam a *S. Innocent* prope *Aix*. Huguen: et Bonjean in litt:). Acervuli rufo-fusci numerosi sub-rotundi planiusculi sparsi demum confluentes epidermide rupta cincti, sporidia sub-globosa.

❀ 56. *U. Cyani* = DC. l. c. p. 74. excl: var: β sec: Duby l. c. p. 900. = *U. Ephialtes* var: Spr: l. c. 578. = Ic: ? (Utrinque in foliis Centaureæ Cyani. *Pedem*: Balb: el: p. 8.). Acervuli fusci ovati vel oblongi sparsi plani vix epidermide rupta cincti, sporidia globosa sessilia.

❀ 57. *U. caricina* = DC. l. c. p. 83. = Duby l. c. *U. oblongata* Linck: sec: Spr: l. c. = Ic: ? (Supra folia Caricis Pseudo-cyperi. *Pedem*: Balb: el: p. 8. In *M. Cenisio* Bonjean in litt:). Acervuli rufo - fusci sparsi ovales minuti epidermide longitudinaliter rupta cincti, sporidia sub - globosa. *U. oblongata* hic confusa a Spr: differt præsertim acervulis *rotundis*, epidermide *rarius* rumpente, sporidiis *oblongis*.

❀ 58. *U. Cichorii* = DC. l. c. p. 74 = Duby l. c. *U. Ephialtes* var: sec: Spr: l. c. = Ic: ? (In foliis cauleque Cichorii Intybi rara. *Pedem*: Balb: el: p. 8. *Sabaud*: Huguen: in litt:). Acervuli dilute fusci numerosissimi minutissimi sub - confluentes orbiculares epidermide bullata demum centro rumpente cincti, sporidia ovato-globosa pellucida sessilia pauca.

❀ 59. *U. Labiatarum* = DC. l. c. p. 72. = Spr: l. c. 579. = *Æcidium Menthæ* Sowerb: fung: t. 398. f. 3. (In variis Labiatis. *Pedem*: Balb: el: p. 8. *Sabaud*: Bonjean in litt:). Acervuli pallide rufi sparsi vel sub-aggregati orbiculares convexi epidermide tandem rumpente, sporidia sub-globosa.

❀ 60. *U. Ficariæ* = Alb: et Schw: nisk: p. 128. non Pers: = Spr: l. c. Sub *Puccinia* DC. = Ic: ? (In foliis Ranunculi Ficariæ. *Pedem*: in collibus *Taurin*: Re fl: tor: II. p. 280. ex Bertero. *Sabaud*: Huguen:

et Bonjean in litt:). Acervuli cæspitosi fusci orbiculares convexi epidermide bullata tecti dein rupta cincti, sporidia ovoidea vel elliptica utrinque apiculata.

ζ *Sporidiis violaceis nigris nigro-fuscisque.*

❋ 61. *U. Ranunculacearum* = DC. l. c. p. 75. non Spr: = Duby l. c. p. 901. *U. Anemones* Spr: l. c. 579. ex Pers: = Ic: ? (In variis Ranunculaceis. *Pedem*: Balb: el: p. 8. Re fl: tor: II. p. 279. ambo sub *U. Anemones*. *M. Cenisio* in Ranunculo glaciali Bonjean in litt: *Sabaud*: Huguen:, Bonjean in litt:). Acervuli nigri late orbiculares elongati vel irregulares convexi sparsi vel confluentes epidermide fusca bullata tecti dein crispata irregulariter cincti, sporidia subovoidea sessilia pellucida.

❋ 62. *U. Melanogramma* = DC. l. c. = Spr: l. c. = Ic:? (Utrinque ad folia Caricum præsertim montanæ et digitatæ. *Pedem*: Balb: el: p. 8.). Acervuli atri sub-elongati aggregati epidermide plana lævi demum raro longitudinaliter erumpente tecti, sporidia sub-globosa minutissima opaca.

❋ 63. *U. Bistortarum* = DC. l. c. p. 76. excl: var: γ = Spr: l. c. = Ic: ? (In Polygono Bistorta et viviparo. *Pedem*: Balb: el: p. 8. In *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Acervuli nigri magni orbiculati sub-aggregati sub- convexi epidermide lacera cincti, sporidia minuta globosa.

❋ 64. *U. utriculosa* = Duby l. c. = *U. Bistortarum* var: γ *ustilaginea* DC. l. c. = Sub *Cæoma* Nees fung: t. 1. f. 6. (In floribus et fructibus Polygonorum

variorum. *M. Cenisio* in Polygono Bistorta Bonjean in litt:). Differt a priori loco crescendi, acervulis magis expansis florem fructumque implentibus.

❋ *U. Carbo* = DC. l. c. = Duby l. c. *U. segetum* Spr: l. c. ex Pers: = *Reticularia segetum* Bull: t. 472. f. 2. (In graminibus et cerealibus permultis. *Pedem*: Balb: el: p. 8. Re app: II. p. 220. et fl: tor: II. p. 279. sub *U. segetum*. Biroli fl: acon: II. p. 251. sub *Reticularia segetum*. *Sabaud*: Bonjean in litt: sub ead:). Acervuli nigri effusi glumas semina et rachidem occupantes, sporidia exacte globosa minutissima nigra.

❋ 66. *U. Maydis* = DC. l. c. p. 77. = Duby l. c. *U. segetum* Spr: l. c. = Ic: ? (In Zea Mayde culta ubique. *Sabaud*: Huguen: in litt:). Vix differt a priori acervulis maximis inclusis caulinis aut inter semina latitantibus epidermidem dilatantibus.

❋ 67. *U. destruens* = Duby l. c. = *U. Carbo* var: δ DC. l. c. p. 76. = Ic: ? (In Panico miliaceo culto ubique). Distinguitur ab *U. Carbone*, cum qua confusa a nostratibus, sporidiis *irregularibus oblongis*.

❋ 68. *U. Caries* = DC. l. c. p. 78. = Duby l. c. = *U. sitophila* Spr: l. c. ex Dittm: in Sturm: deutsch: III. t. 34. *Ceoma segetum* Nees fung: t. 1. f. 7. (In Tritico culto ubique. *Pedem*: Balb: el: p. 8. *Sabaud*: Huguen: in litt:). Acervuli intra semina inclusi et ea non dilatantes, sporidia exacte globosa majuscula nigra fætida. Valde infesta. Vern: venit sub nomine *Gran moro*.

❋ 69. *U. urceolorum* = DC. l. c. = Spr: l. c. *U. Caricis* δ Pers: syn: p. 225. = Fl: dan: t. 1437.

(In urceolo fructuum variorum Caricum. Ipsam sæpe vidi penes nos praesertim in Carice rupestri. In Carice montana observavit Re fl: tor: II. p. 279. sub *U. Caricis*). Acervuli atri vagi compacti, sporidia effusa majuscula sub-ovato-globosa confertissima.

XVIII. Æcidium Pers: syn: p. 244. = Fries syst: mycol: III. p. 511. = Duby aliique = *Uredinis* spec: Spr: = *Cæomatis* et *Peridermii* spec: Linck: = *Roesteliæ* spec: nonnullæ quorund:

» *Sporidia* epidermide in pseudo-peridium tubulo-
» sum vel cyathiforme extensa regulariter disrum-
» pente cincta. Cetera *Uredinis*. »

Obs: Genus pseudo-peridii præsentia vix ab *Uredine* artificialiter distinctum, et in plures sectiones ex ejusdem structura divisum. Species 60. et ultra ex Auctoribus. Cl: Fries l. c. nullam speciem describit; cons: ejus observationes.

α *Pseudoperidia lateraliter in rimulas fissilia apice non dehiscentia* (*Roestelia* Rebent: *Cancellaria* A. Brougn:).

✻ 1. *Æ. cancellatum* = Pers: syn: p. 205. = Duby bot: gall: p. 902. Sub *Uredine* Spr: syst: IV. 570. = Sub *Lycoperdone* L. et Jacq: austr: t. 17. (Subtus folia Pyri communis. *Pedem*: vulgatissimum Biroli fl: acon: p. 246. *Sabaud*: Huguen in litt: *M. Cenisio* Bonjean in litt: sub *Roestelia*). Pseudo-peridia ex tuberculis flavo-bruneis squamulosis elongata albicantia, sporidia ferrugineo-fusca.

β Pseudoperidia tubulosa apice divaricato-laciniata (*Aratites* Linck: *Roestelia* A. Brougn:).

❋ 2. *Æ. laceratum* = Sowerb: fung: t. 318. = Duby l. c. = *Æ. Oxyacanthæ* Pers: *Uredo penicillata* Spr: l. c. (In Pyro Malo, Pruno sylvestri, Cratægis variis etc. *Pedem*: Balb: el: p. 2. *M. Cenisio* Bonjean in litt: sub *Æ. lacerato* et *Oxyacanthæ*. *Sabaud*: Huguen: in litt:). Pseudo-peridia ex tuberculis parvis fuscis densissime aggregata bruneo - albicantia cylindracea in setas fissa, sporidia fusca orbicularia.

❋ 3. *Æ. cornutum* = Pers: obs: myc: II. t. 4. f. 2. 3. = Duby l. c. = Sub *Uredine* Spr: l. c. (In Sorbo Aucuparia. *Pedem*: Balb: el: p. 2. *Sabaud*: Huguen: et Bonjean in litt:). Pseudo-peridia ex tuberculis luteo-aurantiacis pauca longissima cylindrica nodulosa griseo-flava ore lacera, sporidia sub-globosa griseo-rufescentia.

❋ 4. *Æ. Amelanchieris* = DC. fl: fr: suppl: p. 97. = Duby l. c. p. 903. *Æ. cornutum* var: Spr: l. c. = Ic: ? (In Pyro Amelanchier. *Pedem*: Balb: el: p. 2.). Differt a priori tuberculis *mammillosis*, pseudo-peridiis *griseis* apice *acutis* demum tantum sub-laceris, sporidiis *rufo-fuscis*.

❋ *Æ. Mespili* = DC. l. c. p. 98. = Duby l. c. = Ic: ? (In Mespilo germanica subtus ad folia vulgatissimum. *Sabaud*: Huguen: in litt:). Tuberculi subnulli, pseudo-peridia fusca densissime aggregata numerosa cylindrica apice in setas rectas lacera, sporidia sub-globosa fusca. Omissum a Spr:

❋ 6. *Æ. Berberidis* = Gmel: syst: p. 1473. = Duby l. c. = Grev: crypt: fl: t. 97. *Uredo Berberis* Spr: l. c. 571. (In foliis rarius baccis Berberidis vulgaris. *Pedem*: Balb: el: p. 10. Re fl: tor: II. p. 276. Biroli fl: acon: II. p. 247. *Sabaud*: Huguen: et Bonjean in litt:). Tuberculi sub-rotundi ovati convexi, pseudo-peridia conferta cylindrica luteo-aurantiaca ore dentibus deciduis, sporidia globosa lutea reticulata.

❋ 7. *Æ. Thalictri* = Grev: crypt: fl: t. 4. = Duby l. c. = Spr: l. c. 573. (In foliis Thalictri alpini. *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Tuberculi nulli, pseudo-peridia lutea pauca rotundo-glomerata ore lacero dentato contracto demum subdilatato, sporidia fusca.

γ *Pseudoperidia utriculæformia medio rumpentia elevata* (*Peridermium* Linck: *Sphærotheca* Desv:).

❋ *Æ. Pini* = Pers: in Gmel: syst: p. 1473. = Duby l. c. = Grev: crypt: fl: t. 7. *Uredo Pinus* Spr: l. c. 574. (In ramis et foliis Pini sylvestris. *Pedem*: Balb: el: p. 2. *Sabaud*: Huguen: in litt: *M. Cenisio* Bonjean in litt: sub *Peridermio*). Sparsum exsertum; pseudo-peridia pallide flava oblongo-compressa basi irregulariter rumpentia, sporidia globosa aurantiaca. Hanc et seq: ad *Uredinem* amandat cl: Fries l. c. p. 516.

❋ 9. *Æ. elatinum* = Alb: et Schw: t. 5. f. 3. = Duby l. c. = Sub *Uredine* Spr: l. c. 573. (In foliis Pini Piceæ. *Sabaud*: Huguen: in litt: Bonjean in litt:

sub *Peridermio*). Pseudo - peridia albida ellipsoidea depressa circumscissa seriata, sporidia ovoidea aurea.

δ *Epidermis circa sporidiorum acervos in pseudoperidium cyathiforme rupta* (*Cæomatis* subgenus *Æcidium* Linck:).

1. Pseudoperidia in acervos irregulares conglomerata.

❋ 10. *Æ. Erythronii* = DC. fl: fr: n. 663. = Duby l. c. = Ic: ? (Super folia Erythronii dentis canis. *Pedem*: Re fl: tor: II. p. 277. excl: syn: Spr: Habeo ex Perret *Sabaud*: *Col de Banze*). Pseudoperidia flava orbicularia ore sub - integro, sporidia minutissima aurantiaca. Omissum a Spr:

❋ 11. *Æ. Ranunculacearum* = DC. fl: fr: suppl: p. 97. = Duby l. c. = *Æ. Ranunculi* Sowerb: fung: t. 397. f. 4. *Æ. Ficariæ* Nees fung: t. 1. f. 2. *Æ. Aquilegiæ* Pers: ic: pict: t. 23. f. 4. *Æ. bifrons* DC. var: Sub *Uredine* Spr: l. c. 571. (Subtus rarius supra folia plurima Ranunculacearum. *Pedem*: Balb: el: p. 2. In *M. Cenisio* Bonjean in litt: sub *Æ. bifronte*). Pseudo - peridia pallide aurantiaca breviter tubulosa ore lacero patulo et reflexo, sporidia aurantiaca. Cons: pro var: DC. l. c.

❋ 12. *Æ. crassum* = Pers: ic: pict: II. t. 3. f. 1. 2. = Duby l. c. p. 904. = Sub *Uredine* Spr: l. c. (In foliis, petiolis et pedunculis Rhamni Frangulæ. *Pedem*: Balb: el: p. 2. Re fl: tor: II. p. 276. ? *M. Cenisio* Bonjean in litt: ?). Pseudo-peridia pallide auran-

tiaca in acervulos magnos densissime areolato-congesta concava demum cupulæformia ore sub - denticulato, sporidia globosa aurantiaca. Vereor ne cl: Re suam plantam commutaverit cum *Æ. Erithronii* et Bonjean cum seq: var: *β*.

❋ 13. *Æ. irregulare* = DC. fl: fr: n. 660. = Duby l. c. *Æ. Rhamni alpini* DC. var: = Ic: ? (In ramulis et subtus folia Rhamni catharthici et alpini. *Pedem*: Balb: el: p. 2. sub *Æ. irregulari* et *Rhamni alpini*. *Sabaud:* Huguen: in litt:). Pseudo-peridia pallide flava campanulato - tubulosa ore denticulato demum sub-evanida, foliorum in acervulos sub-rotundos parvulos, ramulorum in acervos irregulares laxe congesta, sporidia globosa aurantiaca. Variat in Rhamno alpino acervulis paucis, pseudo-peridiis evidentius campanulatis. Omissa a Spr:

❋ 14. *Æ. Hippocrepidis* = DC. fl: fr: suppl: p. 96. = Duby l. c. *Æ. Cichorearum* var: Spr: l. c. 573. = Ic: ? (Subtus folia Hippocrepidis umbellatæ. *Pedem*: Balb: el: p. 2. *Sabaud*: a Bonjean detecta sec: DC. l. c., sed non enumeratur nec in notis ejusdem Bonjean nec in illis ab Huguen: communicatis). Pseudo-peridia albida sparsa demum conferta cupulæformia margine crasso sub - dentato, sporidia flavida.

❋ 15. *Æ. Orobi* = Alb: et Schw: n. 329. = Duby l. c. *Æ. Orobi tuberosi* et *verni* Pers: syn: p. 210. *Uredo Leguminosarum* Spr: l. c. 572. = Ic: ? (In foliis variarum Leguminosarum præsertim Orobi, Trifolii etc. *Sabaud*: Huguen: in litt:). Pseudo - peridia albida pauca urceolato - cupulata ore denticulato reflexo, sporidia albescentia.

❋ 16. *Æ. Pedicularis* = Lebosch: mem: de mosc: V. p. 76. t. 5. f. 1. = Duby l. c. = *Uredo Urticæ* var: Spr: l. c. 571. (In Pediculari palustri. *Sabaud:* Huguen: in litt:). Pseudo-peridia sub-immersa fusca cupulæformia margine tenui reflexo sub-denticulato, sporidia sordide et pallide aurantiaca.

❋ 17. *Æ. Behenis* = DC. l. c. p. 94. = Duby l. c. p. 905. *Uredo Parnassiæ* var: Spr: l. c. = Ic: ? (Subtus raro supra folia Silenes inflatæ. *M. Cenisio* Bonjean in litt:). Pseudo-peridia albida laxa cylindracea ore dentata demum basi circumscissa, sporidia flavida.

❋ 18. *Æ. Prenanthis* = Pers: syn: p. 208. = Duby l. c. *Uredo Compositarum* var: Spr: l. c. 572. = Ic:? (Subtus folia variarum Compositarum præsertim Prenanthes purpureæ, Chondrillæ muralis etc. *Sabaud*: Huguen: et Bonjean in litt:). Pseudo-peridia pallide aurantiaca pauca urceolato-depressa ore crasso integro incurvo, sporidia concoloria.

❋ 19. *Æ. Urticæ* = DC. fl: fr: n. 655. = Duby l. c. Sub *Uredine* Spr: l. c. 571. excl: varr: syn: = Ic:? (In caule et foliis utrinque Urticæ dioicæ ubique. *Sabaud*: Huguen: et Bonjean in litt:). Pseudo-peridia flava dense congesta urceolato - campanulata ore contracto demum reflexo denticulato, sporidia flava tandem rufa.

2. Pseudoperidia
plerumque circinnatim digesta.

❋ 20. *Æ. Convallariæ* = Schum: saell: II. p. 224.

= Duby l. c. = Fl: dan: t. 1435. *Uredo Convallariarum* Spr: l. c. 573. (Subtus folia variarum Convallariarum. *Sabaud*: Huguen: in litt:). Pseudo-peridia pallide flava crateriformia sub-immersa ore denticulis demum integris, sporidia albo-flava.

❋ 21. *Æ. Clematitis* = DC. l. c. n. 654. = *Æ. Clematidis* Duby l. c. p. 906. *Uredo crassa* var: Spr: l. c. 571. = Ic:? (In Clematide Vitalba. *Pedem*: Balb: el: p. 2. Re fl: tor: II. p. 277. *M. Cenisio* Bonjean in litt:). Pseudo-peridia albida flava cupulæformia, foliorum in acervulos orbiculares, petiolorum ramulorumque elongatos digesta ore sub-dentato demum evanescente, sporidia flavicantia.

❋ 22. *Æ. Asperifolii* = Pers: syn: p. 208. = Duby l. c. = *Uredo Urticæ* var: Spr: l. c. (In variis Borragineis præsertim Anchusæ officinalis. *Pedem*: Balb: el: p. 2. Re fl: tor: II. p. 276.). Pseudo-peridia flava cyathiformia ore denticulato reflexo demum evanescente, sporidia aurantiaca.

❋ 23. *Æ. Geranii* = DC. fl: fr: suppl: p. 93. = Duby l. c. *Uredo hæmispherica* var: Spr: l. c. = Ic:? (In variis Geraniis. *Sabaud*: Huguen: et Bonjean in litt:). Pseudo-peridia albido-flava demum fuscescentia urceolata ore incurvo sub-denticulato, sporidia concoloria.

❋ 24. *Æ. Grossulariæ* = DC. l. c. p. 92. = Duby l. c. = Grev: crypt: fl: t. 62. *Uredo rubella* var: Spr: l. c. 572. (Subtus folia Ribesii præsertim Grossulariæ. *Sabaud*: Bonjean in litt:). Pseudo-peridia pallide flava demum fusca campanulata ore reflexo lacero, sporidia albida vel pallide aurantiaca.

❋ 25. *Æ. rubellum* = DC. fl: fr: n. 650. = Duby l. c. Sub *Uredine* Spr: l. c. excl: syn: *Æ. Grossulariæ* = *Æ. Rumicis* Hoffm: germ: II. t. 2. f. 2. *Æ. Rhei* Sowerb: fung: t. 398. f. 6. (Subtus folia variorum Rumicum et Rhei. *Pedem*: Balb: el: p. 2. Re app: II. p. 219. et fl: tor: II. p. 276. sub *Æ. Rumicis*. *Sabaud*: Bonjean in litt: ubi illud invenisse etiam in Fragaria vesca asserit). Pseudo-peridia pallide flava minuta vix ciathiformia ore minuto subdenticulato, sporidia lutescentia. Maculis læte purpureis orbicularibus acervulos constituentibus ab affinibus statim distinguitur.

❋ 26. *Æ. Tussilaginis* = Gmel: syst: p. 1473. = Duby l. c. *Uredo Compositarum* var: Spr: l. c. *Lycoperdon epiphyllum* L. sec:. DC. = Ic: ? (Subtus folia Tussilaginis Tarfaræ. *Pedem*: Cum: spec: p. 59. *Sabaud*: Huguen: et Bonjean in litt:). Pseudo-peridia albido-fusca sub-immersa campanulato-cupulata ore brevissimo reflexo, sporidia aurantiaca.

3. Pseudoperidia distincta
nec glomeratim nec circinnatim disposita.

❋ 27. *Æ. Euphorbiarum* = DC. fl: fr: suppl: p. 91. = Duby l. c. p. 907. *Uredo Cyparissiæ* Spr: l. c. 573. = *Æ. Euphorbiæ sylvaticæ* Nees fung: t. 1. f. 3. (Supra rarius subtus folia variarum Euphorbiarum præsertim Cyparissiæ et verrucosæ. *Pedem*: Balb: el: p. 2. sub *Æ. Cyparissiæ*. Re app: II. p. 219. et fl: tor: II. p. 276. sub *Æ. Euphorbiæ*. Biroli fl: acon: II. p. 247. sub eod: *Sabaud*: Huguen: et Bonjean in

litt:). Sporidia pallide flava totum fere folium occupantia sed distincta cupulæformia margine crenulato reflexo, sporidia aurantiaca demum fusca.

✻ 28. *Æ. Periclymeni* = DC. fl: fr: II. p. 597. = Duby l. c. *Æ. Xylostei* DC. l. c. p. 240. *Cæoma Loniceræ* Schlecht: sec: Duby = Ic: ? (Subtus folia nonnullarum Lonicerarum, præsertim Periclymeni et Xylostei. *Pedem*: Balb: el: p. 10. Re fl: tor: II. p. 277. *Sabaud*: Huguen: in litt: sub *Æ. Loniceræ*). Pseudo-peridia ex lutescenti-fuscescentia numerosa sub-conica margine erecto denticulato, sporidia aurantiaca. Omissum a Spr:

✻ 29. *Æ. Violarum* = DC. fl: fr: n. 645. = Duby l. c. = *Æ. Violæ* Alb: et Schw: t. 10. f. 2. *Uredo Albertiniana* Spr: l. c. 572. *Æ. confertum* β DC. l. c. n. 659. (In variis Violis. *Pedem*: Balb: el: p. 2. sub *Æ. conferto* et *Violarum*. In collibus *Taurin*: ad folia Violæ odoratæ legit Berter: sec: Re fl: tor: II. p. 280. sub *Uredine Albertiniana*. *M. Cenisio* in Viola biflora et canina Bonjean in litt: *Sabaud*: Huguen: in litt:). Pseudo-peridia albido-flavescentia in acervulos magnos approximata cupulæformia margine reflexo lacinulato, sporidia aurantiaca demum fusca. In Viola odorata variat pseudo-peridiis urceolatis concavis flavo-rufescentibus margine crasso erecto integro; an spec: propria? Habeo a Perret ex *Sabaud*: *Falaise* eandem plantam sub nomine *Æ. conferti* in foliis Ranunculi Ficariæ et Inulæ dyssentericæ.

✻ 30. *Æ. Falcariæ* = DC. fl: fr: suppl: p. 91. = Duby l. c. Sub *Uredine* Spr: l. c. 573. = Ic: ? (In nonnullis Umbelliferis præcipue subtus ad folia

Bupleuri falcati etc. *Sabaud*: Bonjean in litt:). Pseudo-peridia pallide flava per totam superficiem sparsa cupulæformia margine lacinulato patulo, sporidia albicantia.

❋ 31. *Æ. Cichoracearum* = DC. fl: fr: n. 644. = Duby l. c. = *Æ. Tragopogonis* Sowerb: fung: t. 397. f. 2. *Uredo Cichorearum* Spr: l. c. 573 excl: syn: (Ad plures Cichoraceas præsertim Tragopogonum, Scorzonerarum etc: *Pedem*: Cum: spec: p. 59. Re fl: tor: II. p. 277. ambo *Æ. Tragopogonis*. *In M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt:). Vix differt a priori pseudo-peridiis *albicantibus* plantam *totam* sæpe occupantibus, margine *inæquali lacero*, sporidiis *flavis*.

❋ 32. *Æ. Rubi* = DC. l. c. n. 641. = Duby l. c. p. 908. = Ic: ? (Supra folia Rubi fruticosi. *Pedem*: Balb: el: p. 2.). Pseudo-peridia albicantia distantia planiuscula margine orbiculari sub-involuto integro vel sub-dentato, sporidia flavo-fusca. Omissum a Spr:

❋ 33. *Æ. Adoxæ* = Graves in litt: sec: Duby l. c. = Ic: ? (Ad Adoxam in Gallia bor: sec: Duby. *Sabaud*: Huguen: in litt:). Pseudo-peridia pallide lutea sparsa laxa urceolato-cupulata margine erecto aut sub-patulo laciniato deciduo, sporidia globosa concoloria.

❋ 34. *Æ. Epilobii* = DC. l. c. n. 640. = Duby l. c. *Uredo Cichorearum* var: Spr: l. c. = Ic: ? (Subtus raro supra folia variorum Epilobiorum speciatim tetragoni. *M. Cenisio* Bonjean in litt: *Sabaud*: Huguen: in litt: Habeo ex *Helvet*: a Perret sub nomine *Æ. pulchelli* Schrad:). Pseudo-peridia flavescentia laxa

cupulæformia sæpius ovalia ore reflexo laciniato demum caduco, sporidia aurantiaca tandem fusca.

Species pro sectione magis dubiæ.

❋ 35. *Æ. Bulbocastani* = Cum: spec: p. 59. (In valle *Pisii* subtus folia Bunii Bulbocastani Jun: - Jul: uberrime Cum: l. c.). Pseudo-peridia dilute lutea prominula minima gregaria et solitaria, sporidia aurantiaca. An *Æ. Bunii* DC. fl: fr: suppl: p. 96.?

❋ 36. *Æ. Croci* = Cum: l. c. (In valle *Pisii* subtus folia Croci verni Cum: l. c.). Pseudo-peridia fusca orbicularia, sporidia concoloria.

❋ 37. *Æ. Isatidis* = Re app: I. p. 56. et fl: tor: II. p. 277. (Subtus folia Isatis tinctoriæ in *M. Musiné* Re ll. cc.). Pseudo-peridia flavo-aurantiaca in annulum circularem plerumque disposita ore integro, sporidia concoloria.

❋ 38. *Æ. platyodon* = Pers: in litt: sec: Balb: el: p. 2. Quid ? (*Pedem*:).

❋ 39. *Æ. urediniforme* = Balb: l. c. Quid ? (*Pedem*:).

❋ 40. *Æ. vagans* = Balb: l. c. Quid? (*Pedem*:).

❋ 41. *Æ. Ligustri* = Sering: sec: Bonjean in litt: Quid? (*Sabaud*:).

ADDENDA ET CORRIGENDA

AD VOL. I.

Pag. 1. Ranunculaceæ, adde — Bartl: ord: nat: p. 252. Genera 28. ex DC., 27. ex Bartl: = P. 3. l. 8., adde — *Sabaud:* prope *Lanslebourg*, *Montricher* etc. Billet in litt: sub *Clematide.* = P. 3. l. ult. post Re, adde — In pascuis collium præsertim secus torrentem *S. Gioan: d'Intra* Biroli fl: acon: I. p. 186. = P. 5. l. 10., adde — Ad sepes et in nemoribus passim Re fl: tor: I. p. 286. Ad sepes et muros urbis *Novar:* Biroli fl: acon: I. p. 186. = P. 6. ad *Cl: Viticellam* n. 13., adde — *Pedem:* sec: viam quæ a *Burgomanero* ad *Magiora* et *Boca* ducit Biroli fl: acon: I. p. 186. = P. 7. ad *Thalictrum aquilegifolium* n. 1., adde — Re fl: tor: I. p. 288. In montanis frequens nec deest in planitie ad viam *della Biandrina* et secus *Aconiam* Biroli fl: acon: I. p. 187. Retro Sanctuarium *d'Oropa* Avog: in litt: = P. 8. l. 24. *Sesitis*, lege — *Sessitis*, et post Biroli, adde — fl: acon: I. p. 187. = P. 11. ad *T. nigricans* post Re, adde — fl: tor: I. p. 287. = P. 11. ad *T. simplex*, adde — In valle *dell'Arbogna* abundans Biroli fl: acon: I. p. 187. sub *T. angustifolio.* = P. 12. ad *T. flavum*, adde — In sylvis trans pontem *Sessitis* frequens Avog: in litt: = P. 15. ad *Anemonem Halleri*, adde — *M. Cenis:* loco dicto *Margerie* D'Humbert in litt: = P. 15. ad *A. Pulsatillam*, adde — In locis siccis prope *la Mandria*, secus *Sturam*, *alla Molinetta* Re fl: tor: I. p. 284. sub *Pulsatilla vulgari* c. descr: = P. 18. l. 1. Iconem Deless:, lege — Plantam Deless: = P. 19. ad *A. baldensem* post *M. Cenis:*, adde — Ibi etiam vidit cl: Billet uti ipse monuit in litt: =

P. 22. ad *A. narcissifloram*, adde — *Sabaud:* Billet in litt: = P. 23. ad *A. hepaticam*, adde — *Sabaud:* in sylvis prope *S. Jean de Maurienne* D'Humbert in litt: sub *Hepatica triloba.* = P. 25. ad *Adonidem autumnalem*, adde — Inter cerealia *della Lumellina* et *di Ceramo* vulgaris Biroli fl: acon: I. p. 188. = P. 27. ante *Ranunculum aquaticum*, adde:

✻? 1. *R. hederaceus* = L. sp: 781. = Spr: syst: II. 645. = Engl: bot: t. 2003. (*Eur:* ad scaturigines et fontes locisque inundatis. *Pedem:* in montibus *Bugellensibus* All: n. 1467.?). Perenn: Reptans radicans. Distinguitur a seq:, cui valde affinis, præsertim petiolis basi *stipulatis* nec nudis, pedunculis folio *brevioribus*, petalis calycem *superantibus.* Nec locis indicatis ab All:, nec alibi in *Pedem:* stirps hæc mihi occurrit.

P. 27. ad fin: n. 2., adde — Huc spectat forsan *R. fluviatilis* a cll: Re (fl: tor: I. p. 294.) et Biroli (fl: acon: I. p. 191.) enumeratus. *R. fluviatilis* W. pertinet ad *R. pantothricem* Brot: = P. 30. ad *Ranunculum pyrenæum* Re fl: segus: p. 27., lege — p. 47. = P. 31. l. 20. oryzatorum, lege — oryzarum; et l. 22. Ef:, lege — Cf: = P. 35. l. 4. post Bellardi, adde — app: p. 30.; et post Biroli, adde — In alpibus supra *Varzo* et illis *di Allagna.* = P. 39. ad *R. lanuginosum*, adde — In sylvis collium *Taurinens:* Re fl: tor: I. p. 293., et dele — Biroli. = P. 54. ad *Aquilegiam vulgarem* ante), adde — In umbrosis montium *Novariens:* frequens Biroli fl: acon: I. p. 183.). = P. 67. ad *Aconitum Napellum*, adde — *Sabaud: Faucigny* loco dicto *Mozzine* Billet in litt: = P. 72. l. 20. *sessillibus*, lege — *sessilibus.* = P. 76. Dilleniaceæ, adde — Bartl: ord: nat: p. 249. Genera 21. = P. 79. Magnoliaceæ, adde — Bartl: ord: nat: p. 248. Genera 11. = P. 83. l. 8. *hortibus*, lege — *hortis.* = Ibid: Anonaceæ, adde — Bartl: ord: nat: p. 245. Genera 12. = P. 86. Menispermaceæ, adde — *Menispermeæ* Bartl: ord: nat: p. 242. Genera 24., quorum 9. desciscentia ac minus nota. = P. 89. Berberideæ, adde — Bartl: ord: nat: p. 241. Genera ex DC. 6., ex Bartl: 9. = P. 91. l. 12. Specim: cult:, lege — Specim: miss: = P. 94. Podophylleæ, adde — *Pæoniacearum* pars Bartl: ord: nat: p. 251. = P. 95. Nymphæaceæ, adde — *Nymphæaceæ* et *Nelumboneæ* Bartl: ord: nat: p. 88. 89. Genera 5. = P. 96. l. 14. *exsectis*, lege — *exsertis;* et adde — Inter *Nelumboneas* Bartl: = P. 97. ad *Nymphæam albam*, adde — Ad lacus *di Caselette* et prope *Venariam* in paludosis regione dictà *le Molande* Re fl:

tor: I. p. 277. In stagnis vallis *Ticini* vulgaris Biroli fl: acon: I. p. 180. = P. 98. ad *Nuphar luteum*, adde — Secus *il Po morto* versus *l'Alloggia*, et ad lacus *di Caselette* Re fl: tor: I. p. 277. sub *Nymphæa.* = P. 99. Papaveraceæ, adde — Bartl: ord: nat: p. 260. Genera 11. = P. 100. ad *Papaver Argemone*, adde — *Sabaud: S. Martin de la Porte, S. Julien* secus viam D'Humbert in litt: = P. 104. l. 1. crescit in *Japonia*, lege — crescit etiam in *Japonia.* = P. 109. Fumariaceæ, adde — Bartl: ord: nat: p. 259. Genera 7. = P. 114. ad *Fumariam capreolatam*, adde — Frequens in sterilibus et a sole percussis circa *Nicæam*, et speciatim supra muros dirutos ipsius urbis Re app: IV. ined: (a). = P. 117. Cruciferæ, adde — Bartl: ord: nat: p. 261. Genera 110. = P. 130. post *Isatim tinctoriam*, adde:

❋ 4. bis. *I. Villarsii* = Gaud: (In *Maurian:* reperit Huguen:). Plantam non vidi.

P. 131. ad *Biscutellam hispidam* post ex Balbis:, adde — cl: p. 4. = P. 135. ad *Alyssum maritimum* post All: n. 890., adde — sub *Clypeola.* = P. 140. ad *A. calycinum*, adde — Re fl: tor: I. p. 338. = P. 148. ad *Teesdaliam Lepidium* post Bellardi, adde — app: p. 33. sub eod: Ic: Lob: a cl: Biroli citata pertinet ad *T. Iberidis.* = P. 150. ad *Lepidium Draba* post I. 336., adde — *Sabaud: S. Jean* secus vias Billet in litt: omnes sub *Cochlearia.* = P. 153. l. 22. *les Clavicres*, lege — *les Clavieres.* = P. 154. l. 14. Sub *Fibizia*, lege — Sub *Fibigia.* = P. 155. l. 17. Sub *Menisco*, lege — Sub *Menioco.* = P. 157. post *Drabam aizoidem*, adde — *Dr: ciliaris* L. quæ crescit etiam in *Sabaud:* monente Re app: IV. ined:, gaudet caule elongato *diffuso*, foliis linearibus *ciliatis.* = Ibid: post *Dr: cuspidatam* n. 2., adde:

❋ 2. bis. *Dr: alpina* = L. sp: 896. excl: syn: = Spr: syst: II. 873. = Oed: fl: dan: t. 56. (In alpibus *Eur:* bor: *Pedem:* alpibus *Sessitis* præsertim ad *Turlum* et *Morum* sed rara Biroli fl: acon: II. p. 4.). Perenn: Scapus nudus stellato - pubescens, folia lineari - lanceolata integra hispidula, flores sulphurei, siliculæ ovatæ glabræ, stigma sub - sessile.

(a) *Post obitum cl: Prof:* Re *nonnulla ejusdem manuscripta mihi in donum data fuere ab humanissimo ejus Filio, inter quæ alterum male adhuc digestum exhibet titulum:* Append: IV. ad Floram Pedemontanam.

P. 158. l. ult: t. 2. f. 2., lege — t. 3. f. 3. = P. 159. ad *Dr: muralem*, adde — *Sabaud:* locis petrosis D'Humbert in litt: = P. 160. ad *Drabas*, adde seqq:

❋ 12. *Dr: nivalis* = W. sp: III. p. 427. = *Dr: stellata* Fl: dan: t. 142. non Jacq: = *Dr: hirta* var: Spr: syst: II. 874. (In rupestribus editioribus Alpium. In montibus *Iseran* et *Cenisio* Balb: misc: bot: p. 32. D'Humbert in litt:). Perenn: Scapi nudi vel 1-phylli glabri, folia oblongo-linearia ciliata, siliculæ elliptico-oblongæ glaberrimæ.

❋ 13. *Dr: tomentosa* = Wahlemb: helv: p. 123. n. 672. t. 3. sec: DC. syst: I. p. 345. = *Dr: stellata* var: Spr: l. c. (Cum priori. *Sabaud:* in Alpium editiorum rupium fissuris D'Humbert in litt:). Perenn: Scapus 1-2-phyllus velutinus, folia ovato-oblonga pube stellata tomentosa, pedicelli pubescentes, siliculæ ovales ciliatæ.

P. 160. *Cochlearia sanatilis*, lege — *C. saxatilis*, et adde — Abunde in editis rupibus circa *le Vallon*, in *Exilliarum* valle, et in saxosis umbrosis *di Fossimagna* Re fl: segus: p. 53. sub *Myagro.* = P. 163. ad *Thlaspi montanum*, adde — In *M. Rosa* legit Avog: = P. 167. ad *Nasturtium palustre*, adde — In pratis spongiosis *di Ornavasio* rarum Biroli fl: acon: II. p. 12. sub *Sisymbrio.* = P. 168. l. 9 Fl: tor: I. p. 347., lege — p. 343. = P. 172. ad *Cardaminem resedæfoliam*, adde — *Sabaud: Lanslebourg* D'Humbert in litt: = P. 173. ad *Card: thalictroidem*, adde — Huc pertinet *Card: Plumieri* Vill: = P. 174. ad *Card: pratensem*, adde — *Sabaud: aux Charmites* prope *Chambery* cum seq: D'Humbert in litt: = P. 176. *A. brassicæformis* n. 1. Wall:, lege — Wabr: = P. 177. ad *A. ciliarem*, adde — *M. Cenis:* D'Humbert in litt: = Ibid: ad *A. hirsutam*, adde — Ad muros et in pascuis collinis *Novariensib:* Biroli fl: acon: II. p. 15. sub *Turritide.* = P. 178. ad calcem *A. hirsutæ*, adde — nec non in insula lacus *M. Cenisii* monente D'Humbert in litt: = P. 180. ad *A. strictam* post *Turritide* Ray, dele quæ sequuntur, et adde — *T. stricta* All: pertinet ad *A. Allionii* n. 10. = P. 181. ad *A. thalianam*, adde — *Sabaud:* prope *Chambery* D'Humbert in litt: = P. 182. post *A. thalianam*, adde speciem seq:

❋ 19. bis. *A. serpyllifolia* = Vill: dauph: III. p. 318. t. 37. = Spr: syst: II. 892. (*Gallia* austr: *Pedem:* in aridis vallis *Pisii* supra *Carthusiam* Re rel: Bellard: p. 4.). Priori proxima, sed differt præsertim caule *cæspitoso*, racemo *laxo*, pedicellis calycem *æquantibus* nec *multo longioribus.*

P. 185. *A. stenopetala* h. Hofn:, lege — Hafn: = P. 187. ad *Barbaream præcocem* n. 2., adde — Rara et semel tantum lecta ad fossas in vico *di Parve* prope ædem *S. Pancratii* Re fl: tor: I. p. 344. sub *Erysimo.* = P. 189. ad *Cheiranthum ochroleucum*, adde — ❋ *Sabaud:* in *Alta Maurian:* D'Humbert in litt:; et l. ult: loco n. 9. lege n. 10. = Ibid: inter *Ch: Cheiri* et *ochroleucum*, adde:

❋ 1. bis. *Ch: alpinus* = L. mant: 93. excl: syn: = Spr: syst: II. 895. = Wahl: fl: lapp: n. 333. t. 12. f. 1. sec: DC. (In montibus *Norvegiæ*, *Lapponiæ*. *Pedem:* in rupibus apricis alpium *Sessitis* frequentem observavit Biroli fl: acon: II. p. 14.). Differt a priori præsertim statura graciliori, foliis paucis sub-dentatis, siliquis patulis pedicello sexies longioribus, seminibus oblongis apice pellucido appendiculatis.

P. 190. l. 16. Schorb:, lege — Schosb: = P. 192. l. 8. Lupetia, lege — Luperia. = P. 194. ad *Mathiolam variam* n. 7., adde — Huc quoque pertinet forsan *Cheiranthus tristis* enascens in *Sabaud: à Avrieux* prope *Modane* a cl: Billet in litt: memoratus. = P. 197. ad *Hesperidem matronalem* n. 4., adde — Secus *Duriam* prope pontem *S. Rochi* ad occidentem *Segus:* Re fl: segus: p. 56.? = P. 199. ad *Sisymbrium strictissimum* n. 2. post circa *Moutiers*, adde — A *Villarodin*, *S. Martin de Cuisses*, *Albiez-le-jeune* Billet in litt: = P. 201. ad *S. pinnatifidum* n. 12., adde — *Sabaud:* prope stagna in montibus *de S. Sarlin* D'Humbert in litt: = P. 202. ad *S. asperum* n. 15., adde — ❋ Spr: syst: II. 903. = J. Bauh: hist: II. p. 858. f. 3. (*Sabaud:* in agro *di Vidonne* prope *Chambery* D'Humbert in litt:). = P. 203. ad *S. acutangulum* n. 18., adde — *Sabaud: S. Martin* d'*Arc* Billet in litt: = Ibid: ad *S. taraxacifolium* n. 19., adde — ❋ *Sabaud:* D'Humbert in litt: = P. 204. ad *S. Sophiam* l. 6. Gerner, lege — Gesner, et adde — In agris *di Lanslebourg* vulgare D'Humbert in litt: = P. 207. l. 7. 1-sericalia, lege — 1-serialia. = P. 210. ad *Erysimum repandum* n. 9., adde — Copiose in valle *di Bardoneche*, et in saxosis editioribus inter *Foresto* et *Bossoleno* Re fl: segus: p. 55. sub *Sisymbrio.* = P. 211. ad *Erysimum Alliaria* n. 12., adde — Re fl: tor: I. p. 345. = P. 216. *Brassica Tournefortii* n. 12. delenda ex allatis ad *Br: Cheiranthus* n. 10. Cons: tamen DC. syst: I. p. 602. = Ibid: *Br: fruticulosa* n. 13. Eyr:, lege — Cyr: = Ibid: post *Br: fruticulosam* n. 13., adde:

✻ 13. bis. *Br: repanda* = DC. syst: I. p. 598. = Spr: syst: II. 910. Sub *Sisymbrio* W. sp: III. 497. = *S. monense* Will: delph: III. p. 350. t. 39. non L. sec: DC. (*Delphin:*, *Gallo-prov: Sabaud:* monte *de Charvin* prope *Arves* D'Humbert in litt:). Folia radicalia carnosa glabra repando-dentata, pedunculi nudi, stylus tenuis, flores flavi.

Ibid: ad *Br: Richerii*, adde — Pariter in *M. Cenis:* loco dicto *la côte des choux* reperit sollertissimus Avog: = P. 229. Capparideæ, adde — Bartl: ord: nat: p. 265. Genera 20. = P. 230. l. 12. subscandentia, lege — subascendentia. = P. 234. *Capparis cynophœllophora*, lege — *cynophallophora*. = P. 236. Flacourtianeæ, adde — Bartl: ord: nat: p. 278. Genera 9. = P. 238. Bixineæ, adde — Bartl: ord: nat: p. 281. Genera 11. = P. 240. Cistineæ, adde — Bartl: ord: nat: p. 282. Genera 4. = P. 245. ad *Helianthemum guttatum*, adde — prope *Vercelli* Avog: in litt: = P. 247. l. 1. *Heriocarpium*, lege — *Heriocarpum*, et l. 2. *Euchelianthemum*, lege — *Euhelianthemum*. = P. 248. post *H. origanifolium*, adde:

✻ 18. bis. *H. oelandicum* = DC. fl: fr: IV. p. 817. = Spr: syst: II. 590. = Clus: hist: p. 73. c. ic: (In alpib: *Eur:* præsertim bor: *M. Cenisio* locis siccis D'Humbert in litt:). Suffrut: Procumbens ramosum, folia lanceolato-elliptica sub-ciliata, racemi simplices pauciflori, sepala sub-globoso-ovata petala flava sub-æquantia.

P. 250. ad *Helianthemum glutinosum*, adde — Inter saxa circa vineas *di Mompantero* et in rupibus *di Foresto* Re fl: segus: p. 44. sub *Cisto*. = P. 251. ad *H. vulgare*, adde — In omnibus pascuis sterilibus vallis *Segus:* Re fl: segus: p. 45. sub *Cisto Helianthemo*. *H. obscurum* Pers: quod idem Re (app: II. p. 199.) tradit obvium circa *Segus:*, *nella Praglia di Pianezza*, in pascuo *Alpiniani* dicto *di Campagnola* alibique, non est nisi *H. vulgaris* varietas monente etiam cl: Bertol: in rar: pl: ital: dec: 3. p. 24. = P. 254. ad *H. apenninum*, adde — Cl: Re in app: IV. ined: observat *H. roseum* variare calycibus et ramis glabris, nec confundendum esse cum *H. apennino*, quia in hoc flores albi et calyces ramique tomentosi tantum sed non pilosi. = P. 256. Violarieæ, adde — Bartl: ord: nat: p. 283. Genera 16. = P. 260. post *Violam odoratam*, adde:

✻ 3. bis. *V. suavis* = M. B. suppl: p. 164. = Spr: syst: I. p. 797. = Reich: ic: 657. (*Tauria. Pedem:* in ruderatis inter

fruticulos secus *Padum* prope *Taurin:* reperit sollertissimus Botanices cultor Romano, et mihi communicavit plantas vivas quas subinde colui in olla). Confusa a DC. prodr: I. p. 296. et forsan etiam a Nostratibus cum *V. odorata*, cum qua habitu omnino quadrat, sed facile distinguitur pallore herbæ et floris, odore debiliori, ac præsertim *petalis* 4. *superioribus angustioribus longioribus inferiori emarginato.* Cultura hosce characteres conservat.

P. 261. l. 13. 2-barbatis, lege — 2. barbatis. = P. 262. l. 7. t. 9. f. 3., lege — t. 9. f. 4. = P. 267. l. 14. nudia, lege — media. = Ibid: *suderica*, lege — *sudetica.* = P. 272. Droseraceæ, adde — Bartl: ord: nat: p. 285. Genera 6. = P. 276. Polygaleæ, adde — Bartl: ord: nat: p. 256. Genera 13. = P. 277. ad *Polygalam chamæbuxus*, adde — *Sabaud:* in montibus *Maurian:* et *Tarantas:* Billet in litt: = P. 278. ad *P. majorem*, adde — *Pedem:* reperta fuit *Albæ* a D. Bertero sec: Re app: II. p. 201. Stirps primum confusa a DC. fl: fr: suppl: p. 386. cum *P. vulgari*, dein distincta in prodr: I. p. 324. attenta præsertim florum *magnitudine*, foliorum apice *acuto* nec obtuso, ovario *longe stipitato* nec sub-sessili. = P. 280. ad *P. exilem* n. 14., adde — ❋ Spr: syst: III. 167. = Boiss: fl: eur: I. t. 474. f. 1. (*Pedem:* reperta fuit secus *Tanarum* inter *Lequium* et *Monchieri* nec non prope *Castellinum* loco dicto *il Geneivrei* a D. Romano). = P. 281. Tremandreæ, adde — Bartl: ord: nat: p. 255. Genera 2. = P. 283. Pittosporeæ, adde — Bartl: ord: nat: p. 377. Genera 3. = P. 284. ad *P. coriaceum* post 1833., adde — Periit hyeme 1836. = P. 286. Frankeniaceæ, adde — Bartl: ord: nat: p. 290. Genera 2. = P. 288. Caryophylleæ, adde — Alsineæ et Sileneæ Bartl: ord: nat: p. 304. 305. Genera pro *Alsineis* 18., pro *Sileneis* 10. = P. 289. ad *Gypsophilam fastigiatam* n. 2., adde — ❋ Spr: syst: II. 373. = Gmel: sibir: IV. p. 144. t. 61. f. 1. (*Pedem:* in summis rupibus vallis *Formazza alle Casere superiori* unice observavit Biroli fl: acon: I. p. 143.). = P. 292. n. 12., lege — 13., et n. 14., lege — 15. = P. 301. ad *Dianthum virgineum* n. 29., adde — Verum *D. virgineum* invenisse prope *la Brunetta* ad *Segus:* scripsit cl: Re in app: IV. ined: = P. 315. ad *Silenem conoideam*, adde — Prope *Segus:* Re fl: segus: p. 37. Ibidem in arvis illam quoque invenisse testatur Avog: in litt: = P. 318. l. 9. Spr: syst: II. 508., lege — 408. = P. 323. l. 21. foliis magnis *sericeis*, lege — foliis *magis sericeis.* = P. 331. l. 16. *S. jenisæensi*, lege — *S. jeniseensi.* =

P. 334. ad *Lychnidem dioicam*, adde — *L. sylvestris*, quam cl: Re fl: tor: l. c. tradit repertam fuisse a D. Bertola in sylvis *della Mandria* non differt a *dioica;* color enim petalorum eorumque divisio plus vel minus profunda pauci habenda in *Lychnidis* stirpibus sæpissime variantibus. = P. 336. ad *L. viscariam*, adde — In pascuis siccis collium *Novariens:* ubique Biroli fl: acon: I. p. 154. = P. 340. ad *Saginam erectam*, adde — Cl: Re (fl: tor: I. p. 262.) tradit plantam All: et Balb: spectare ad *Spergulam subulatam*, et veram *Saginam erectam* in agro *Taurin:* haud adinveniri; reapse eam numquam vidi, sed sæpius inveni prope *Caselette* et habeo etiam a Biroli pro planta *aconiense.* = P. 344. ad *Spergulam nodosam*, adde — In agro *Vercellensi* Avog: in litt: = Ibid: ad *Sp: glabram*, adde — *Sp: saginoides* pariter in *M. Cenisio* reperta ab Avog: uti monet in litt: = P. 345. ad *Sp: subulatam*, adde — Cons: quæ supra hic addidi circa *Saginam erectam.* = P. 346. ad *Stellariam nemorum*, adde — *Sabaud: forêt de Lanslebourg* D'Humbert in litt: Ultra lacum *M. Cenis:* Avog: in litt: = P. 351. ad *Arenariam ciliatam*, adde — *Sabaud:* monte *d'Ansceris* D'Humbert in litt: = P. 355. ad *A. rubram*, adde — *M. Cenisio* D'Humbert in litt: = P. 357. post *A. lapponicam* n. 25., adde:

❀? 25. bis. *A. bavarica* = L. am: IV. p. 315. = Spr: syst: II. 402. et c. p. 182. = *A. Ponæ* Reich: ic: t. 138. (*Bavaria*, *M. Baldo. Pedem:* in *M. du petit S. Bernard* All: n. 1703.). Plantam non vidi, nec scio repertam fuisse post All: loco ab ipso indicato.

P. 359. l. 18. *A. linifoliam*, lege — *A. linifloram.* = P. 364. ad *Cerastium campanulatum* n. 11., adde — Cl: Re in addend: ad fl: taur: I. p. 351. putat *C. præcox* Tenor: et *viscosum* All: et Balb: huc esse referenda. = P. 365. l. 5. post vocabulum *lineari*, adde — et n. 1729. sub *C. stricto. C. laricifolium* a cl: Balb: in locis montanis agri *Nicæens:* repertum, invenit quoque cl: Re prope *Segus:* ad radices *M. S. Lazari*, uti ipse tradit in app: IV. ined: In alpibus *di Ceresole* legit etiam *C. molle* Vill: *C. stricti* var: alteram Re l. c. = P. 370. Lineæ, adde — Bartl: ord: nat: p. 319. Genera 2. = P. 374. l. 10. 15. *L. monogum.*, lege 14. *L. monogynum.* = P. 378. Malvaceæ, adde — Bartl: ord: nat: p. 344. Genera 24. pro *Malveis*, 12. pro *Bombaceis.* = P. 380. ad *Malvam polystachyam* n. 4. post Cav: diss: V., adde — t. 138. f. 3. = Ibid: n. 9. *M. gangatica*, lege — *gangetica.*

= P. 381. ad *M. capensem* n. 19. post Cav: diss: II. p. 71., adde — t. 24. f. 3. = P. 384. ad *M. Alcœam* et *moschatam* nn. 32. 33., adde — Crescunt pariter in *Sabaud:* secus D'Humbert in litt: = P. 390. l. 4. Raensk, lege — Raeush. = P. 398. l. 13. *Cacellariam*, lege — *Cancellariam.* = P. 417. ad *Sidam subspicatam* l. pen: In nostra evidenter *sub-spicati*, lege — In nostra floribus evidenter *sub-spicatis.* = P. 420. Bombaceæ, adde — *Malvacearum* sect: II. Bartl: ord: nat: p. 346. = P. 422. l. ult: et 423. l. 1. sub *Goscampino*, lege — sub *Gossampino.* = P. 425. Byttneriaceæ, adde — Bartl: ord: nat: p. 341. pro solis *Byttnerieis* et *Lasiopetalis.* Genera 11. = Ibid: *Sterculieæ*, adde — *Sterculiaceæ* ordo proprius ex Bartl: ord: nat: p. 340. Genera 4. = P. 429. *Hermannieæ*, adde — *Hermanniaceæ* ordo proprius ex Bartl: ord: nat: p. 342. Genera 6. = P. 433. Hermannia l. 2. *Monandr:*, lege — *Monadelph:* = P. 435. *Dumbeyaceæ*, adde — ordo proprius ex Bartl: ord: nat: p. 343. Genera 13. inclusis *Wallichieis.* = P. 437. Trib: VI. *Vallichieæ*, lege — *Wallichieæ.* = Ibid: ad *Astrapœam* l. 6. 7. *Stigm:* 5-ovatum 5-loculare, lege — *Stigm:* 5. *Ovar:* 5-loculare. = Ibid: ad *A. Wallichii* l. ult: nondum floruit, adde — Post editum I. vol: floruit singulis annis Sept: - Oct: sed fructus non gessit. = P. 438. Tiliaceæ, adde — Bartl: ord: nat: p. 338. Genera 27. inclusis *Elæocarpeis.* = P. 445. Elæocarpeæ, adde — *Tiliacearum* sect: II. Bartl: ord: nat: p. 340. = P. 446. ad *Tricuspidem dependentem*, prope *J. Fernandez*, lege — prope *S. Fernando.* = P. 447. Chenaceæ, adde — Bartl: ord: nat: p. 335. Genera 6. = P. 448. Ternstroemiaceæ, adde — Bartl: ord: nat: p. 335. Genera 12. = Ibid: ad *Ternstroemiam* in char: gener: *Pet:* polyandra biserialia, lege — *Pet:* 5-6. *Stam:* polyandra biserialia antheris oblongis glabris. = P. 451. Camellieæ, adde — *Camelliaceæ* Bartl: ord: nat: p. 434. Genera 7. inter quæ 2. tantum legitima. = P. 453. Olacineæ, adde — Bartl: ord: nat: p. 423. Genera 7. = P. 454. Aurantiaceæ, adde — Bartl: ord: nat: p. 392. Genera 12. = P. 455. ad *Cookiam* l. 1. et 7. Souner, lege — Sonner. = P. 458. Hypericineæ, adde — Bartl: ord: nat: p. 291. Genera 9. = P. 467. *H. patentissimum* n. 34. in fine *Pariensi* cultum, lege — *Parisiensi* cultum. = P. 468. Guttiferæ, adde — *Garciniearum* pars Bartl: ord: nat: p. 292. = P. 470. Canella, adde — Inter plantas incertæ sedis Bartl: ord: nat: p. 128. ubi observat nec cum *Guttiferis*, nec cum *Meliaceis* con-

jungi posse nisi invita natura. = P. 471. MARCGRAVIACEÆ, adde — *Marcgravieæ* Bartl: ord: nat: p. 280. Genera 4. = P. 472. HIPPOCRATEACEÆ, adde — Bartl: ord: nat: p. 380. Genera 7. = P. 474. ERYTHROXYLEÆ, adde — Bartl: ord: nat: p. 361. Genera 2. = P. 475. MALPIGHIACEÆ, adde — Bartl: ord: nat: p. 358. Genera 16. = P. 480. ACERINEÆ, adde — Bartl: ord: nat: p. 360. Genera 2. = P. 483. HIPPOCASTANEÆ, adde — Bartl: ord: nat: p. 364. Genera 2. = P. 484. ad *Æsculum Hippocastanum*, adde — Morari haud possum quin commemorem mirandum ambulacrum partem amplissimi sumptuosissimique vivarii in amœna villa (*la Bertalozona* dicta) meritissimi civis nostri JC. Jos: BERTALOZONE constituens, in quo elegantissima Hippocastana ætatis 140. annorum circiter diametro altitudineque enormi duplici ordine per tramitem 140. metr: longum disposita summa qua pollet ad agri hortique culturam aliasque scientias proclivitate servantur. Veh illi qui ibi aut in proxima annosa Quercuum Juglandium aliarumque excelsarum arborum densissima sylva sacrilegam ac delectricem securem injiciat! = P. 485. RHIZOBOLEÆ, adde — Bartl: ord: nat: p. 365. Genera 1. = P. 487. SAPINDACEÆ, adde — Bartl: ord: nat: p. 362. Genera 32. = P. 490. ad *Sapindum marginatum*, adde — Cultus paucis abhinc annis sub dio in H. Ripul: hyeme servatur. = P. 494. MELIACEÆ, adde — Bartl: ord: nat: p. 355. Genera 20. = P. 497. AMPELIDEÆ, adde — Classis propria Bartl: ord: nat: p. 352. *Sarmentaceæ* et *Lecaceæ* ejusdem p. 353. 354. Genera pro primis 3., pro alteris 2. = P. 498. l. 1. abscendentia, lege — abscedentia. = P. 501. GERANIACEÆ, adde — Bartl: ord: nat: p. 348. Genera 4. = P. 503. ad *G. sanguineum*, adde — *Sabaud: Forêt du Pont* D'HUMBERT in litt: = P. 505. ad *G. phaeum*, adde — *Sabaud:* circa domos *S. Julien* D'HUMBERT in litt: = P. 507. l. 1. Fl: acon: II. p. 59., lege — p. 19. = P. 509. et 510. ad *G. lucidum*, adde — *Sabaud: Forêt du Pont*, D'HUMBERT. in litt: = P. 519. n. 87. *P. jatrophœlium*, lege — *P. jatrophæfolium.* = P. 523. TROPÆOLEÆ, adde — Bartl: ord: nat: p. 366. Genera 2. = P. 526. BALSAMINEÆ, adde — Bartl: ord: nat: p. 422. l. 2. = P. 528. OXALIDEÆ, adde — Bartl: ord: nat: p. 351. Genera 4. = P. 535. ZYGOPHYLLEÆ, adde — Bartl: ord: nat: p. 390. Genera 12. = P. 543. ad *Dictamum album*, adde — *Sabaud: Bois de Pontange* BILLET in litt: = P. 545. ad *Rutam graveolentem*, adde — *Sabaud:* prope *Chambery à Chignias* BILLET in litt: = P. 546. post *R. graveolentem*, adde:

❀ 1. bis. *R. bracteosa* = DC. prodr: I. p. 710. = Spr: syst: II. 320. = Ic:? (In *Sicilia* circa *Panormum*, in Ins: *Melo*. Ad rupes *Nicæens*: reperit Re 7. Jun: 1829. sec: app: IV. ined:). Differt a priori præsertim bracteis *maximis sub-cordatis*, petalis *ciliatis*. V. sicca in hb: Re.

P. 546. ad *R. angustifolium* n. 4., adde — Abundè provenit prope *la Giandola* in comit: *Nicæens*: et in præruptis prope arcem *M. Albani* ad *Nicæam* Re app: IV. ined: = P. 550. *Diosma speciosa* n. 2. Bot: mag: t. 1291., lege — t. 1271. = P. 552. sub *D. fœtidissima* n. 11. l. 4. *Barosma* Bertol:, lege — *Barosma* Bartl: = P. 553. l. 1. Prodr: I. 18., lege — Prodr: I. p. 714. 715. n. 18., et l. 2. *Hartogea*, lege — *Hartogia*. = P. 555. Simarubeæ, adde — Bartl: ord: nat: p. 384. Genera 5. = P. 558. Ochnaceæ, adde — Bartl: ord: nat: p. 383. Genera 6. = P. 559. l. 2. *G. Jabatepita*, lege — *G. Jabotapita*. = Ibid: Coriarieæ, adde — Bartl: ord: nat: p. 361. Genera 1.

AD VOL. II.

P. 1. Celastrineæ, adde — *Aquifoliaceæ*, *Celastrineæ*, et *Staphyleaceæ* Bartl: ord: nat: p. 376. 378. 381. Genera 11., quorum 4. dubia pro *Celastrineis*, 2. pro *Staphyleaceis*, 8. pro *Aquifoliaceis*. = P. 10. Rhamneæ, adde — Bartl: ord: nat: p. 375. Genera 25., quorum 4. non satis nota. = P. 13. l. 7. 148., lege — 143. = P. 16. l. 11. Prodr: I. 23., lege — Prodr: II. 23. = P. 21. Bruniaceæ, adde — Bartl: ord: nat: p. 373. Genera 9. = P. 23. Samydeæ, adde — Bartl: ord: nat: p. 268. Genera 3. = Ibid: l. 3. calycis, laciniarum, lege — calycis laciniarum. = P. 24. Homalineæ, adde — Bartl: ord: nat: p. 269. Genera 6. = P. 26. Chailletiaceæ, adde — *Ulmacearum* sect: II. Bartl: ord: nat: p. 101. (*Chailletieæ*). Genera 2. = P. 27. Aquilarineæ, adde — *Aquilarinæ* Bartl: ord: nat: p. 420. Genera 2. = P. 28. Terebinthaceæ, adde — *Connaraceæ* et *Cassuvieæ* Bartl: ord: nat: p. 394. 395. Genera pro primis 4., pro secundis 17. = P. 32. Pieramnia, lege — Picramnia. = P. 34. ad *Rhus Cotinum*, adde — *Sabaud: à Chindrieux*, *Chantagne* Billet in litt: = P. 42. Leguminosæ, adde — DC. prodr: II. p. 93. *Papilionaceæ*, *Swartzieæ*, *Cæsalpineæ*, et *Mimoseæ* Bartl: ord: nat: p. 405. 417. =

P. 61. ad *Genistam ovatam*, adde — *Au bas du Mollaret* Bonjean in litt: = P. 69. ad *Cytisum hirsutum*, adde — In sylvis *de la Novalaise* Bonjean in litt: = P. 74. l. 9. *O. arvensi* et *rupestri*, lege — *O. arvensi* et *repente*. = Ibid: ad *Ononidem hircinam*, adde — Prope lacum *de la Ferrière* Bonjean in litt: = P. 81. ad *Ononidem rotundifoliam*, adde — *Sabaud*: *Sainte Theile* prope *S. Jean* Billet in litt: = P. 84. ad *Anthyllidem Vulnerariam*, adde — prope *Vercelli* Avog: in litt: = Ibid: ad *A. montanam*, adde — *Sabaud*: locis umbrosis prope *S. Martin la Porte* D'Humbert in litt: = P. 86. ad *A. bicolorem*, adde — Est reapse *Anthyllis Vulneraria* β Bertol: am: ital: p. 391. (*Astragalus vulnerarioides* All:) uti liquet ex specim: nuper missis a Bonjean in litt: et lectis in *M. Cenisio* cum aliis *A. Vulnerariæ* varr:, inter quas *A. alpestris* Reich: = P. 90. ad *Medicaginem marginatam*, ex Re, adde — app: I. p. 30., sed in app: IV. ined: dubitat ipse in alpibus *Monregalensibus* enasci, quum illam postea invenerit prope *Nicæam* locis calidis et soli valde expositis. = P. 91. l. 8. s. 2. n. 15., lege — s. 2. t. 15., et l. 18. s. 2. n. 15., lege — s. 2. t. 15. = P. 96. ad *M. Echinum*, adde — Lecta a cl: Re prope *la Fabbrica del Gesso Nicææ* app: IV. ined: = P. 99. ad *M. Gerardi*, legit Re, adde — app: I. p. 30. = P. 109. l. 11. Staud:, lege — Steud: = P. 110. ad *Melilotum italicam*, adde — In pratis et pascuis *Padi* versus *Cambio* Biroli fl: acon: II. p. 39. sub *Trifolio*. = P. 111. ad *M. messanensem*, adde — Biroli fl: acon: II. p. 39., sed sola fide All: Specim: mea non ex agro *Novariens*: sed ex *Afr*: bor: a cl: Balb: communicata; stirps igitur All: valde dubia. = P. 114. ad *Trifolium cæspitosum*, adde — Tum in *M. Cenis*:, tum in alpibus *di Monastero* in valle *Lancei* reperit Re app: I. p. 29. = P. 115. l. 28. All: n. 1193., lege — All: n. 1093. = P. 119. ad *Trifolium rubens*, adde — In prov: *Novariens*: pratis montanis et subalpinis vulgare, raro ad colles descendit varians foliis latioribus fere ovatis Biroli fl: acon: II. p. 40. = P. 122. ad *Tr*: *arvense*, adde — *Sabaud*: D'Humbert in litt: = P. 125. l. 15. parvam spicam *Phlei* emulantia, lege — parva, spicam *Phlei* emulantia. = P. 132. l. 8. *Aurophysam*, lege — *Antophysam*. = P. 135. l. 10. *Loti* et *Aspheleti*, lege — *Loti* et *Aspalathi*. = P. 127. ad *Tr*: *alpestre*, adde — *M. Cenis*: cum var: *distachya* Bonjean in litt: = P. 136. ad *Dorycnium monspeliense*, adde — Prope *la Giandola* et circa *Nicæam* legit Re app: IV. ined: = P. 141. ad

Lotum corniculatum, adde — *L. alpinus* Schleich: cent: exs: n. 75. quem in *Cenisio* crescere tradit Bonjean in litt: pertinet ad *L. corniculatum* var: ε DC. l. c. = P. 145. ad *Psoraleam bituminosam*, adde — *Sabaud: au Zerbino* Bonjean in litt: = P. 163. ad *Coluteam arborescentem*, adde — *Sabaud:* prope *S. Jean* Billet in litt: = P. 166. ad *Phacam australem*, adde — Cl: Bonjean in litt: monet plantam cenisiam forsan pertinere ad *Ph: glabram* (DC. prodr: II. p. 274. n. 9. *Ph: Gerardi* Vill:?), quadrat enim cum specim: in hb: Vill: servatis, et differt a vera *Ph: australi* tota planta prorsus glabra majori prostrata, leguminibus magis inflatis mox glabris. = Ibid: post *Ph: australem*, adde:

❋ 3. bis. *Ph: lapponica* = Spr: syst: III. 292. = DC. prodr: II. p. 274. n. 12. *Astragalus alpinus* var: L. sp: 1070. = Oed: fl: dan: t. 51. (*Eur*: bor: alpibus. In *M. Cenisio* retro *l'Hospice* D'Humbert in litt:). Differt a priori præsertim caule magis *elongato adscendente*, alis *integris*. Plantam non vidi in loco a cl: D'Humbert indicato, nec illam possideo. Cl: Bonjean in litt: memorat *Oxytropidem lapponicam*, quam asserit communem in *Cenisio* et ab ipso olim confusam cum *O. montana;* an igitur planta D'Humbert et Bonjean eadem?

P. 167. post *Ph: montanam*, adde:

❋ 5. bis. *Ph: cyanea* = Nob: = Sub *Oxytropide* Bieb: suppl: 502. DC. prodr: II. p. 275. *Astragalus montanus* Bieb: fl: taur: non L. = Ic:? (In *Iberia. M. Cenisio* prope *la Barrière d'Italie* Bonjean in litt:). Differt ab *A. montano* L. præsertim floribus patulis cæruleis majoribus, et carina longius mucronata.

P. 171. ad *Astragalum depressum*, adde — *M. Cenisio* Bonjean in litt: = P. 174. ad *A. Onobrychis*, adde — *Sabaud:* prope *S. Jean* Billet in litt: = P. 178. ad *A. viscosum*, adde — Huc pertinet quoque *A. Halleri* All: n. 2176. in alpibus vallis *d'Erin Bagne* et *Ternanche* nec non in valle *S. Nicolai Valesiæ* lectum ab ipso Hall: = P. 205. ad *Cicer arietinum*, adde — Variat seminibus nigrescentibus et albidis crassioribus; var: hæc in *Monteferrato* præ altera colitur eo quod semina coctura citius emolliuntur. = P. 226. ad *Lathyrum hirsutum*, adde — Huc pertinet *L. hirtus* Lam: a Re lectus app: IV. ined: = P. 234. ad *Orobum vernum*, adde — *Sabaud: Maurian: Forêt du Pont* Billet et D'Humbert in litt: = P. 235. ad *O. luteum*, adde — *M. Cenis:* D'Humbert in litt: = P. 250. l. 2. radicam, lege — radicem. =

P. 278. Sub *Cassia caracasana* n. 16. l. 2. *C. Cauca*; lege — *C. Canca.* = P. 284. *Cercis Siliquastrum*, adde — Supra rupem prope *Segus*: ubi dicitur antiquitus sata ab Hispanis, Avog: in litt: = P. 295. ad *Prunum Padum*, adde — In sylvis *di Quaregna* communis Avog: in litt: = P. 299. ad *Spiræam Aruncum*, adde — Frequens a *Quaregna* cum seqq: Avog: in litt: = P. 300. ad *Sp: Ulmariam*, adde — In agro *Vercellensi* communis Avog: in litt: = P. 301. l. 5. *Gilliniæ*, lege — *Gilleniæ.* = P. 302. l. 8. *Smegmadernos*, lege — *Smegmadermos.* = Idem l. ult: = P. 308. ad *Rubum saxatilem*, adde — *Sabaud*: in montibus ubique D'Humbert in litt: = P. 309. l. 16. 17. perennes foliis, plerumque, lege — perennes, foliis plerumque. = P. 311. l. 6. Fries fl: holland:, lege — Fries fl: halland: = Ibid: ad *Gieversiam montanam*, adde — Habeo etiam ex *M. Cenisio* a Bonjean sub *Geo.* = Ibid: ad *S. reptantem*, adde — *Sabaud*: in Alpib: editis D'Humbert in litt: Speciatim *à Notre Dame du Villard* Billet in litt: ambo sub *Geo.* = P. 316. ad *Potentillam intermediam* Balb: addit:, adde — p. 89. = P. 324. n. 44. *P. Branneana*, lege — *P. Brauniana.* = P. 327. l. 8. viro Fantoli, lege — Vito Fantoli. = P. 329. ad *Sibbaldiam procumbentem*, adde — Habeo etiam ex *M. Cenisio* a Bonjean. = Ibid: ad *A. Eupatoriam* in fine, adde — Possideo hanc var: lectam in *Sabaud*: a Bonjean. = P. 330. n. XVIII. Alchemilla Lin: gen: n. 165. t. 166., lege — n. 165. et 166. = P. 331. ad *A. vulgarem*, adde — *A. hybrida* lecta fuit *al Simplon* a Reynier qui illam cl: Re communicavit (Re app. II. p. 193.). Huc pertinet etiam sec: Spr: *A. montana* W. memorata a Re l. c. = P. 335. l. 13. inserta, lege — inter se. = P. 345. l. 17. semi-plani, lege — semi-pleni. P. 346. l. 22. *Ovar*: sæpius 5-1-locularia, lege — *Ovar*: sæpius 5. 1-locularia. = P. 347. l. 1. bot: reg: t. 465., lege — bot: reg: t. 468. = P. 351. l. 13. Spr: syst: II. 506., lege — Spr: syst: II. 507. = P. 355. ad *Pyrum Chamæmespilum*, adde — Habeo etiam ex insula lacus *M. Cenis*: a Bonjean sub *Mespilo.* = P. 359. l. 10. Vern: *Tamarei*, lege — Vern: *Tamaris.* = P. 376. *Epilobium alsinifolium* n. 4. delendum, et ejus loco substituendum *E. origanifolium* p. 378. n. 11., cui adde — In *M. Cenis*: Bonjean in litt: cum *E. spicato*, *alpino* et *rosmarinifolio.* = P. 384. ad *Jussiæam octonerviam* n. 2., adde — Lam: dict: III. p. 332. = P. 406. ad *Tamarix germanicam*, adde — *Sabaud*: iisdem locis frequens D'Humbert in litt: = P. 412. l. 11. stigmata 4-10-fido,

lege — stigmate 4-10-fido. = P. 422. l. 21. *E. parvifoliatæ*, lege — *E. perfoliatæ*. = Ibid: l. 25. *E. cordatæ* n. 8., lege — *E. cordatæ* n. 7. = P. 456. Fonguieraceæ, lege — Fouquieraceæ, et sic in indice p. 553. = Ibid: in obs: l. 2. *Fonguiera*, lege — *Fouquiera*. = P. 460. l. 3. W. sp: II. 854., lege — W. sp: II. 864. = P. 467. ad *Herniariam vulgarem*, adde — Var: *hirsuta* crescit etiam in *Sabaud*: præsertim *Maurian*: *Notre Dame du Villard*, *S. Michel* etc. etc. Billet in litt: = P. 468. ad *H. incanam* n. 3., adde — Cl: Re in app: IV. ined: monet suam *H. cineream* quam legit *alla Madonna della Coa* (vid: supra n. 1.) spectare ad veram *H. incanam* Lam:, et *H. cineream* DC. invenisse *Nicææ* supra humum conculcatum arcis demolitæ. = P. 471. ad *P. capitatam* n. 2., adde — *Cesane* sec: Bonjean in litt: = Ibid: ad *P. hispanicam* n. 3., adde — *Sabaud*: prope *S. Jean* Billet in litt: = P. 472. l. 1. post Bellardi, adde — app: p. 16. = P. 474. dele Ortegiam n. VIII. et vid: Vol: I. p. 338. ubi idem genus enumeratur inter *Caryophylleas*. = P. 477. l. 13. *Alcinearum*, lege — *Alsinearum*. = P. 493. ad *Sedum acre* n. 19., adde — Variat caule longius repente, ramis abbreviatis. *S. glaciale* Clarion in DC. fl: fr: IV. p. 393. Var: hæc lecta fuit a cl: Re in alpibus *di Ceresole* (app: IV. ined:). = P. 499. l. 13. *Chronoidum*, lege — *Chronobium*. = P. 515. l. 12. dentius, lege — densius. = Ibid: post *Cactum stellatum* n. 3., adde:

❋ 3. bis. *C. tenuis* (*Mamillaria* DC.). « Multiplex sub-rotundus » pusillus, axillis glabris, tuberculis sub-cylindricis apice spini- » feris, spinis radiantibus exterioribus piliformibus albis inte- » rioribus rigidissimis flavidis apice uncinatis. » Nob:

Obs: Habitus omnino *C. stellati* W. (*Mamillaria pusilla* DC.), sed differt axillis prorsus *glabris* nec barbatis, totius plantæ colore *viridi* nec glaucescente, spinis interioribus intentius *flavis*, et præcipue apice manifeste *uncinatis* nec rectis. Flores non vidi. Habui ex H. B. T. Aug: 1836. miss: a DC. 1832. sub allato nomine.

P. 523. *Ribes petræum* n. 2., adde — In *M. Cenis*: prope lacum D'Humbert in litt: = P. 524. ad *R. nigrum*, adde — *Sabaud*: *Beaune* D'Humbert in litt: = P. 532. l. 19. Tansch, lege — Tausch. = P. 533. ad *Saxifragam cuneifoliam* n. 6., adde — *Sabaud*: *Forêt d'Arrières* D'Humbert in litt: In montibus *d'Oropa* Avog: in litt: = P. 535. ad *S. granulatam* n. 11., adde — *Sabaud*: D'Humbert in litt: = P. 536. ad *S. asperam* n. 17.,

adde — *M. Cenis*: Bonjean in litt: cum *S. cuneifolia*, *retusa*, *androsacea*, *tridentata*, *moschata*, et *atrorubente*. = P. 539. ad *S. oppositifoliam* n. 27., adde — *Sabaud*: in editis ad nivem deliquescentem D'Humbert in litt: = P. 541. ad *S. diapensoides* n. 30., adde — Attamen cl: Bonjean in litt: monet *S. Valdensem* DC. reapse differre a *S. diapsoidea* et *cæsia*, nam præter leves differentias a me allatas, sequentes nobis communicavit conjecturas : « Les fleurs sont plus petites que dans la *diapen-* » *soides*, plus grandes que dans la *cæsia* que je n'ai jamais trou- » vée que sur la terre ou dans les mousses et dont les pédun- » cules sont si grêles; si ces trois plantes croissaient ou se trou- » vaient ensemble, j'aurais pû regarder la *valdensis* comme une » hybride des deux autres, mais leur localité est absolument » différente; la *valdensis* est la plus rare; j'en ai plus de 500. » exemplaires et certainement plus que tous les Botanistes du » globe! » = Ibid: ad *S. androsaceam*, adde — Huc spectare videtur *S. tridentata* Gaud: quam habeo ex *M. Cenis*: a Bonjean. *S. tridentata* Don est species valde distincta accedens ad *S. hypnoideam* n. 38. nec ad *S. Stenbergii* n. 43., cum qua confusa a Spr: = P. 543. ad calcem *S. moschatæ* n. 35., adde — eo magis quod abundet in parvo *M. Cenisio* ceu monet in litt: Bonjean sub *S. moschata* et D'Humbert sub *S. exarata*. = P. 543. ad *S. tridactylites* n. 36., adde — *Sabaud*: in colle *di S. Louis* prope *Chambery* D'Humbert in litt: = P. 548. ad *Chrysolplenium alternifolium* n. 1., adde — In *M. Cenis*: et in montibus *d'Oropa* Avog: in litt: = P. 554. in indice, Metrosideres, lege — Metrosideros.

AD VOL. III.

P. 18. l. 11. *C. Carvi*, lege — *C Carvi*. = P. 19. l. antipen: Fl: segus: p. 37., lege — Fl: segus: p. 27. = P. 26. ad *Bupleurum rotundifolium* n. 4., adde = In montibus prope *Segus*: legit Avog: ipso monente in litt: = P. 27. ad *B. angulosum* n. 8., adde — *B. caricifolium* W. repertum fuit a Carestia in *M. Rosa* et a Biroli ad *M. Cistella* (Biroli l. c. p. 92.). = P. 28. ad *B. stellatum* n. 10., adde — In *M. Rosa* Avog: in litt: = P. 30. l. 20. I. p. 21. sub *B. junceo*, lege — I. p. 93. et dele sub *B.*

junceo. = P. 36. ad *Seseli dubium*, *Caidium venosum*, lege — *Cnidium venosum.* = P. 38. l. 4., 10-15-flores, lege — 10-15-floræ. = P. 39. ad *Cnidium pyrenæum* l. 7., Spr: syst: I. 888. sub *Ligustico* = DC. etc., lege — et Spr: syst: I. 888. Sub *Ligustico* DC. etc. = Ibid: Sub *Cnidio alsatico* l. 3. et atl:, lege — et Alb:; et l. pen: p. 26., 99., lege — p. 96. 97. = P. 43. ad *Ligusticum Cervaria*, adde — Abunde *a Quaregna* Avog: in litt: sub *Athamanta.* = P. 48. l. 9. plenissimus ovalis, lege — planissimus ovalis. = P. 57. l. 10. Spr: syst: I. 916. sub *Angelica* = Jacq: etc., lege — Spr: syst: I. 916. = Sub *Angelica* Jacq: etc. = P. 61. *Pastinaca Anethum* n. 2. — Ipsam dele à plantis pedemontanis et confer *Meum segetum* p. 47. n. 6. ad quod planta All: videtur referenda. = P. 61. ad Heracleum n. XXXV. l. 7. remote, lege — remoti. = P. 62. ad *H. Sphondylium* n. 1., adde — var: *elegans* crescit præsertim in pratis alpinis et speciatim in illis *di Baveno* et *Piano di Fariolo* Biroli l. c. = P. 68. ad *Laserpitium Siler*, adde — Frequens prope Sanctuarium *di Varallo* Avog: in litt: = P. 70. ad *L. gallicum* n. 5., adde — *Sabaud*: in nemoribus *S. Jean* Billet in litt: = P. 73. l. 10. *Lunac* portum, lege — *Lunæ* portum. = P. 77. ad Torilius n. XLV. l. 3. *Tordylis*, lege — *Tordylii.* = P. 83. l. 5. *Cryptotemiæ*, lege — *Cryptoteniæ.* = Ibid: ad *Myrrhidem odoratam* n. 1. post citationem Biroli, adde — Sub *Scandice.* = P. 86. ad calcem *Myrridis*, lege:

❋ 10. *M. Bunium* = Spr: syst: I. 903. = *Bunium denudatum* DC. fl: fr: IV. 525. = *B. flexuosum* Engl: bot: t. 981. (*Eur:* occid: et austr: *Pedem: Val della Marmora* Re ined:). Simplex flexuosa radice tuberosa, folia decomposita laciniis linearibus incisis, involucrum sub-1-phyllum. Planta pro synon: dubia.

P. 88. Cachrys n. LIII. l. 3., *Ktuberæ*, lege — *Kruberæ.* = P. 99. ad *Adoxam Moschatellinam*, adde — *Sabaud*: prope *Villar-Gondran* D'Humbert in litt: = P. 101. l. 17. *A. umbraculifera* Lam:, lege — *A. umbellifera* Lam: = P. 116. ad *Viburnum Opulus* n. 3., adde — In maceriis castri *di Quaregna* Avog: in litt: = P. 118. Diervilla n. III. l. 3. ex Rb:, lege — ex Thb: = P. 120. n. 6. *L. Frasari*, lege — *L. Fraseri.* = P. 121. ad *L. alpigenam* n. 9., adde — In insula lacus *M. Cenisii* Avog: in litt: = Ibid: ad *L. cæruleam* n. 10., adde — *M. Cenis*: D'Humbert in litt: = P. 134. l. 13. et 18. *Langeria*, lege — *Laugeria.* = P. 143. l. 19. ad *Hancleam*, lege — ad *Naucleam.* = P. 149. l. pen: flexili,

lege — flexilis. = P. 151. ad *Asperulam lævigatam* n. 1., adde — *Sarzanæ* ad sepes Bertol: fl: ital: II. p. 89. = P. 152. *Asperula taurina* n. 2. l. 7. Fl: tor: I. p. 96., lege — p. 95.; et adde — In montanis *Ligur*: orient: inter *Borzonasca* et *la Giurra* Bertol: fl: ital: II. p. 78. = Ibid: ad *A. saxatilem* n. 3., adde — Cl: Bertol: fl: ital: II. p. 84. *A. saxatilem* non enumerat, et *A. nitidam* Guss:, quam ego dubitanter hic memini, ad *A. suberosam* Sibth: amandat. = Ibid: ad *A. longifloram* n. 4., adde — *A. cynanchiæ* var: sec: Bertol: fl: ital: II. p. 81. = P. 154. ad *A. arvensem* n. 10., adde — *Sarzanæ* ad radices montis *Caprione*, collibus *Clavarensibus* in *Ligur*: orient:, collibus *Genuensibus a Rivarolo* secus *Porciferam* Bertol: fl: ital: II. p. 76. = P. 155. ad *A. odoratam* n. 14., adde — In Apennino *Ligur*: orient: *S. Stephani d'Aveto*, *Ligur*: occid: in monte *Carme* Bertol: fl: ital: II. p. 75. = P. 156. ad *Galium cruciatum* n. 1., adde — *Sarzanæ*, et in umbrosis montis *Gottro* in *Ligur*: orient: Bertol: fl: ital: II. p. 97. = P. 157. ad *G. Bauhini* n. 3., adde — *Sarzanæ* in radicibus collium ad canalem *di Blaso* Bertol: fl: ital: II. p. 65. sub *G. verno*. = P. 158. ad *G. palustre* n. 5., adde — In *Lunæ* portu in palustribus *al Molinello* prope *Spediam* Bertol: fl: ital: II. p. 100. = P. 159. ad *G. divaricatum* n. 8., adde — ✻ Spr: syst: I. 388. = DC. ic. gall: rar: t. 24. = *G. tenue* Vill: delph: II. p. 322. t. 7.? *G. parisiense* var: β Bertol: fl: ital: II. p. 133. (*Ligur*: *Sarzanæ* et in littore *Lunensi alla Marinella* Bertol: l. c. *Pedem*: in sylvis *della Mandria* Re app: IV. ined:). An a *G. parisiense* β seu *G. anglico* Huds: satis distinctum? Vid: infra obs: ad *G. parisiense* n. 38. = P. 159. ad *G. Bocconi* n. 9., adde — Cl: Bertol: fl: ital: II. p. 106. plantam All: refert inter var: *G. pusilli* L. sub nomine *G. pygmæi* δ (*G. pusillum* Bellard: a me enumeratum sub *G. pumilo* n. 16.); *G. austriacum* autem, quod nos separatim enumeravimus n. 10., identicum credit cum *G. pusillo* L. = P. 160. ad *G. obliquum* n. 11., adde syn: — *G. rubrum* var: β fl: albo Bertol: fl: ital: II. p. 160. = Ibid: ad *G. tenuifolium* n. 12. eadem observatio. = Ibid: ad *G. cinereum* n. 13., adde syn: — *G. erectum* var: β Bertol: fl: ital: II. p. 102. = P. 161. ad *G. rubrum* n. 14., adde — Cl: Bertol: fl: ital: II. p. 119. ad *G. rubrum* L. trahit *G. purpureum* All:; et p. 121. ad *G. purpureum* L. amandat *G. rubrum* All:; utraque frequenter in *Ligur*: occurrunt. Huc quoque referendum monente eodem Auctore sub var: β *G. mu-*

cronatum Savi et DC. abunde lectum a Re in alpibus *d'Ala* in valle *Lancei*, differens tantum statura generatim *majori*, foliorum mucrone *validiori*. Cl: Re app: IV. ined: illud admittit tamquam speciem distinctam asserens affine esse *G. Bocconi* All:, a quo tamen meo sensu toto cælo differt. = Ibid: ad *G. purpureum* n. 15., adde — *Sabaud*: in *Maurian*: in sepibus Billet in litt: = P. 162. ad *G. pumilum* n. 16., adde syn: — *G. pusillum* var: ε *pygmæum* Bertol: fl: ital: II. p. 106. = Ibid: ad *G. Morisii* n. 19., adde syn: — *G. rubrum* var: β flore albo, planta macrior Bertol: fl: ital: II. p. 119. = P. 163. ad *G. maximum* n. 20., adde syn: — *G. palustre* luxurians Bertol: fl: ital: II. p. 99. = Ibid: ad *G. baldense* n. 21., adde syn: — *G. pusillum* var: γ *pygmæum* Bertol: fl: ital: II. p. 106., qui testatur illam habuisse ex alpinis *Nicæensib*: *alla Madonna delle Finestre* et ex alpibus *Pedem*: = Ibid: ad *G. verum* n. 22., adde — *Sarzanæ*, *Genuæ* Bertol: fl: ital: II. p. 163. = P. 164. ad *G. glaucum* n. 24. et ad syn: DC. (*Asperula galioides*), adde — Bertol: fl: ital: II. p. 80. = Ibid: ad *G. sylvaticum* n. 25, adde — *Ligur*: orient: ad *S. Stephanum d'Aveto* et ex monte *Antola* Bertol: fl: ital: II. p. 113. = P. 165. ad *G. linifolium* n. 26., adde syn: — *G. sylvaticum* Bertol: fl: ital: II. p. 112. = Ibid: ad *G. aristatum* n. 27. in fine, adde — Cons: insuper cl: Bertol: fl: ital: II. p. 114. sub *G. sylvatico* ubi addit, verum *G. aristatum* L. nondum in *Italia* repertum fuisse; *G. aristatum* All: trahit autem ad *G. erectum* p. 101.; mihi tamen liceat observare, cl: All: ad *G. aristatum* citavisse syn: et ic: Barrel: et Bocc:, quæ idem Bertol: p. 114. omnino pertinere ad *G. sylvaticum* L. affirmat; ergo si planta All: non est verum *G. aristatum* L., trahenda potius ad *G. sylvaticum* quam ad *erectum* quod ad *G. lucidum* All: referendum dixi n. 28. uti ipse Bertol: l. c. p. 102. fatetur illud considerans cum *G. cinereo* ejusdem All: pro var: β *G. erecti*. = P. 166. ad *G. saxatile* n. 29., dele syn: L., adde syn: — *G. rupicola* Bertol: fl: ital: II. p. 108. et cons: ejus obs: ad *G. saxatile* L. p. 109. = P. 167. ad *G. saccharatum* n. 31., adde — In agro *Clavariensi Ligur*: orient:, *Genuæ* in cultis, *Ligur*: occid: in olivetis collinis *di Valle d'Andora* et *di Loano* Bertol: fl: ital: II. p. 123. = P. 168. ad *G. tricorne* n. 32., adde — *Sarzanæ* in alveo canalis *di Blaso*, ad radices montis *Caprione* et in monte *Groppolo* inter sata Bertol: fl: ital: II. p. 123. = P. 170. ad *G. ellipticum* n. 37., adde — Cl: Bertol: fl: ital: II.

p. 129. stirpem hanc amandat ad *G. rotundifolium.* = Ibid: ad *G. parisiense* n. 38., adde — *G. spurium* ALL: n. 18. sec: BERTOL: fl: ital: II. p. 133., quod nos enumeravimus sub *G. Aparine* n. 42. = P. 171. ad *G. murale* n. 39., adde — *Sarzanæ* in muris vetustis *di Sarzanello* sub ædibus *Ivani* et in monte *di Montiguoso*, *Ligur*: occid: *a Pegli* BERTOL: fl: ital: II. p. 136. = P. 174. ad *Rubiam peregrinam* n. 2., adde — *Sabaud*: in sepibus BILLET in litt: = Ibid: ad *Rubiam lucidam* n. 3., adde — Cl: BERTOL: fl: ital: II. p. 147. 148. *R. lucidæ* L. solæ *Corsicæ* patriam tribuit, et *R. lucidam* SAVI cum *R. Bocconi* PATAG: ad *R. peregrinam* amandat. Specim: meum de *R. lucida* quod habui ex *Nicæa* perfecte quadrat cum planta L. = P. 176. ad *Crucianellam angustifoliam*, adde — *Sarzanæ* in siccis *di Montaderme*, in alveo torrentis *Calcandola* etc. BERTOL: fl: ital: II. p. 141. = Ibid: ad *Cr*: *latifoliam*, adde — *Genuæ al Castellaccio*, et in collibus *agli Angeli* BERTOL: fl: ital: II. p. 143. sub *Cr*: *monspeliaca.* Veram *Cr*: *latifoliam* L. diversam esse existimat nec *Italiæ* incolam, quo casu in nostra delendum syn: L. et SIBTH: ac substituendum *Cr*: *latifolia* TENOR: fl: nap: III. p. 144. non L.; *Cr*: *monspeliaca* L. sp: 158. SIBTH: fl: græc: II. t. 140. = P. 178. l. 5. *Amajorcam*, lege — *Amajovam.* = P. 182. post *Fediam dentatam* n. 4., adde:

❋ 4. bis. *F. pubescens* = Mérat fl: paris: ed: 1. p. 13. = Lois!: ed: 2. part: I. p. 26. = Ic:? (*Gallia. Pedem*: in arvis *di Druent* et prope *Venariam* RE app: IV. ined:). « Affinis *F. dentatæ*, a » qua differt potissimum fructibus hispidis et foliis superioribus » basi potius longe dentatis quam pinnatifidis. » Credo esse solam *dentatæ* var: RE l. c.

P. 190. ad *Valerianam officinalem* n. 10., adde — Prope *Vercelli* AVOG: in litt: = P. 191. l. 17. Millan:, lege — Mikan: = P. 194. ad *Dipsacum sylvestrem* n. 1., adde — *Sarzanæ* et *a Varese* in *Ligur*: orient: BERTOL: fl: ital: II. p. 15. = P. 195. ad *D. ferocem* n. 6., adde — Cl: BERTOL: fl: ital: II. p. 17. ad *D. ferocem* trahit syn: *D. fullonum* COLLA hb: ped: III. p. 195. n. 4. Utrosque enumeravi quia utrosque possideo verasque differentias exposui. = P. 196. ad *Scabiosam arvensem* n. 1. post syn: DC., adde — et BERTOL: fl: ital: II. p. 28. = Ibid: ad *Sc*: *sylvaticam*, adde — *Sarzanæ* in sylvaticis montis *Darme* loco dicto *Turri* BERTOL: fl: ital: II. p. 27. sub *Knautia.* = P. 197. ad *Sc*: *hybridam* n. 3., adde — Cl: BERTOL: fl: ital: II. p. 32.

Sc: hybridam habet pro var: *Sc: integrifoliæ* sub *Knautia.* = P. 198. ad *Succisam pratensem* n. 1., adde — *Sarzanæ* in sylvulis *alle Fondachette*, in colle *di Sarzanello* et in *M. Caprione*, in vertice montis *Cornoviglia*, in *M. Ceriana*, in sylvis editioribus ad *Albam Pompejam* Bertol: fl: ital: II. p. 38. sub *Scabiosa Succisa.* = P. 199. ad *S. transylvanicam* n. 2., adde — *Sarzanæ* in monte *Darme* alibique in *Ligur:*, in arvis *Albæ Pompejæ* Bertol: fl: ital: II. p. 21. sub *Cephalaria.* = P. 200. ad *S. leucantham* n. 4., adde — *Sarzanæ* in monte *Caprione* præsertim *al Corvo*, in *Lunæ* portu, in litore *Clavariensi*, *Genuæ* in collibus *al Lagazzo* Bertol: fl: ital: II. p. 24. sub *Cephalaria.* = P. 202. ad *Asterocephalum graminifolium* n. 2., adde — Monte *Gallé* in *Ligur:* occid: Bertol: fl: ital: II. p. 70. sub *Scabiosa.* = P. 203. ad *A. lucidum* n. 7., adde — In oris lacus *M. Cenis:* Bertol: fl: ital: II. p. 43. ex Bonjean sub *Scabiosa Columbaria.* var: x. = P. 204. ad *A. atropurpureum* n. 12., adde — Pro sola var: *Scabiosæ maritimæ* habetur a cl: Bertol: fl: ital: II. p. 55.; idem censet de sequenti. = P. 206. ad *A. argenteum* in fine, adde — Nec non observ: ejusdem Auctoris in fl: ital: II. p. 60. sub *Scabiosa argentea*, ubi, demum visa vera *Sc: neranica* L., tradit equidem esse valde proximam *A. argenteæ*, sed ab ea differre pluribus notis. = Ibid: ad *A. Columbaria*, adde — Cl: Bertol: fl: ital: II. p. 40. 41. *Scabiosam Columbariam* L. cum *gramuntia* ejusdem conjungit vix hac admissa pro var: quam tamen cum prima confundendam non esse asseruerat in am: ital: p. 11. Sane utraque stirps valde polymorpha. Vid: infra *A. gramuntium* n. 24. = P. 208. ad calcem *A. pyrenaici*, adde — Nec non eundem Bertol: fl: ital: II. p. 5. 6. Ad eandem plantam spectare quoque putat *Asterocephalum mollissimum* Spr:, quod ipse jam dubitaveram sub *Asterocephalo pyrenaico* et *mollissimo* n. 21. 22.; sed Bertol: ab hoc excludit syn: Viv: quod ad *Sc: Columbariam* var: δ amandat. = P. 210. ad calcem *A. bannatici* n. 26., adde — Nuper cl: Bertol: fl: ital: II. p. 42. *Sc: Columnæ* A Tenor: trahit ad var: δ *Sc: Columbariæ*, et *Sc: Columnæ* Reich: ad *Sc: holosericeam;* de *Sc: bannatica*, *agresti* et *longipedunculata* omnino silet. = P. 219. *Cirsium anglicum* n. 11. Rac:, lege — Raj: = P. 224. *C. rivulare* n. 27. l. 8. Re n. 548., lege — All: n. 548. = P. 225. l. 1. ad *C. giganteum* n. 28., dele ✻. = Ibid: ad *C. ambiguum* n. 30., adde — Prope *Segus: al Maffiotto* Avog: in litt: = P. 230. ad *Carlinam acan-*

thifoliam n. 5., adde — *Sabaud:* montib: *de Modane*, *Bardoneche* etc. Billet in litt: = P. 233. ad *Saussuream discolorem* n. 2., adde — *Sabaud:* in vertice montium inter *Allies vieux* et *Valloise* D'Humbert in litt: = P. 237. *Carduus nigrescens* n. 10., adde — ❋ Vill: dauph: III. p. 5. t. 20. excl: syn: = Spr: syst: III. 385. (*Pedem:* in valle *d'Ala di Lanzo* reperit Re app: IV. ined:). Accedit quoque ad *C. nutantem*, sed differt statura minori, capitulis solitariis vix nutantibus, anthodii squamis angustioribus. Cons: DC. fl: fr: suppl: p. 458. = P. 241. ad Onopordum n. IX. in obs: Receptaculi et staminum forma, lege — Receptaculi et seminum forma. = P. 251. Echinops n. XVI. l. 3. *Echinopeæ*, lege — *Echinopseæ* = P. 254. ad *Centauream Crupinam* n. 1., adde — *Sabaud: à Montcouvert* Billet in litt: = P. 256. sub *Centaurea splendente* n. 9. l. 3. circa *Verna*, lege — circa *Verrua.* = P. 257. ad *C. paniculatam* n. 12., adde — *Sabaud:* præsertim in colle *de l'Echillon* D'Humbert in litt: = P. 265. sub *C. Verutum* n. 46. l. 5. ternucinatæ, lege — terminatæ. = P. 273. sub *C. Bellardi* n. 84. l. pen:, non pertinet, lege — nunc pertinet. = P. 277. ad *C. variifoliam* n. 92., adde — Re fl: tor: II. p. 89. dubitat esse meram var: *C. Scabiosæ* floribus majoribus purpureis. = P. 286. *Chrysocoma Linosyris* n. 5., adde — ❋ Spr: syst: III. 425. = Lobel: ic: 409. f. 1. (*Pedem:* in montibus *Segusian:* Avog: in litt: In valle di *Cesana*, tum quoque in monte *di Caselette* atque supra cænobium *della Novalesa* Re fl: segus: p. 68. *Sabaud:* prope *S. Jean* Billet in litt: = P. 294. *Pteronia chamæpeuca*, lege — *Pt: chamæpece.* = P. 313. Spargonophorus n. L., lege — Sparganophorus. = P. 320. sub *Tussilagine Farfara* n. 2. l. ult:, flores ampli radicati, lege — flores ampli radiati. = Ibid: ad *T. albam* n. 4., adde — Prope *Vercelli* Avog: in litt: = P. 321. ad *T. Petasites* n. 6., adde — In prov: *Novar:* locis humidis ad torrentes collium, montium et rupium vulgaris Biroli fl: acon: II. p. 76. = Ibid: ad *T. niveam* n. 5., adde — *Sabaud:* in alveo torrentis *d'Allies le vieux* D'Humbert in litt: = P. 328. ad *Gnaphalium Leontopodium* n. 22., adde — In *M. Cenis:* D'Humbert in litt: = P. 330. ad *Gn: supinum* n. 31., adde — In *M. Rosa* Avog: in litt: = P. 336. ad calcem *Xeranthemi annui* n. 1. pro *X. inaperto* W., adde — Nec non in *Sabaud:* præsertim *Maurian: à S. Martin de la Porte*, *Avrieux* etc. Billet in litt: = P. 340. l. 9. capitulo-glomerati, lege — capitato-glomerati. = Ibid: l. 23.

Sveviæ limites, lege — *Sueciæ* limites. = P. 341. sub *Artemisia judaica* n. 8. L. mat: med: 283., lege — 183. = P. 344. ad *A. maritima* n. 17. l. 2., dele — Ic:? et lege — Wood: med: bot: t. 122. sec: Duby bot: gall: p. 277. = P. 346. sub *A. annua* n. 24. L. h. Ups: 217., lege — 257. = Ibid: sub *A. tanacetifolia* n. 26. l. 15. *Lestrières*, lege — *Sestrières*. = P. 348. sub *A. pontica* n. 32. l. 2. vol. 37. t. 74., lege — vol. 27. t. 74. = P. 353. ad *Micropum pygmæum* l. 5. sub *Filagine*, lege — sub *Filagine acauli*. = P. 363. *Triptilion euphrarioides* n. 2., lege — *Tr: euphrasioides*. = P. 367. ad *Conyzam ambiguam* n. 18., adde — ❋ Lecta fuit prope *Nicæam* Re app: IV. ined: = P. 373. *Erigeron bononiensis* n. 10., lege — *Erigeron bonariensis*. = Ibid: *Erigeron Bonjeani* ad calcem p. 374., Patria?, adde — Nuperrime cl: Bonjean monuit in litteris speciem hanc invenisse in *M. Cenisio*. = P. 375. *Inula chrithmoides* n. 1. l. 2. Ic:?, dele, et lege — Lob: ic: t. 395. f. 2. = P. 395. ad *Cinerariam bicolorem* n. 5., adde — ❋ In *Pedem:* reperta inter *Tenda* et *Fontan* Re app: IV. ined: = P. 402. ad *Senecionem uniflorum* n. 15., adde — *Sabaud:* ad scaturiginem fluminis *Arc* D'Humbert in litt: *M. Cenis:* Avog: in litt: = P. 415. ad *Doronicum austriacum* n. 5., adde — ❋ Spr: syst: III. 568. (*Pedem:* locis pinguibus et humidis secus torrentes in montibus *di Casotto*, *Pesio* et *Frabosa* All: auct: p. 12. n. 747.❋). = P. 422. l. antipen: ex Dun:, lege — ex Duv: = P. 426. ad *Zinniam elegantem* n. 1., adde — Variat colore albo et coccineo nec non magnitudine florum. = P. 430. l. 14. folia varia pinnati-partita, lege — varie pinnati-partita. = Ibid: sub *Matricaria chamomilla* l. 5. fl: segus: p. 7., lege — p. 71. = P. 436. ad *Pyrethrum alpinum* n. 10., adde — In *M. Rosa* Avog: in litt: = P. 445. sub *A. fuscata* n. 10. Brot: physog:, lege — phytog: = P. 449. l. antipen: All: n. 678., lege — n. 679. = P. 452. ad *Achilleam Herbarota* n. 2., adde — *Sabaud:* in monte *de Bonneval* D'Humbert et Billet in litt: = Ibid: ad *A. Ptarmicam* n. 4., adde — *Sabaud:* prope arcem *de Bramant* D'Humbert in litt: = P. 455. ad *A. moschatam* n. 19., adde — In *M. Cenis.* Billet in litt: = P. 456. ad *A. atratam* n. 20., adde — In *M. Rosa* Avog: in litt: = P. 458. ad *A. tanacetifoliam* n. 29., adde — *M. Cenis: alla Ramassa* D'Humbert in litt: = P. 460. ad *A. nobilem* n. 37., adde — *Sabaud: S. Jean de Maurien:* Billet in litt: = P. 468. ad *Buphtalmum salicifolium* n. 8., adde — An

huc pertineat *B. angustifolium* quod crescere in *Sabaud:* montibus *d'Arves* tradit cl: D'Humbert in litt:, valde dubito, nam verum *B. angustifolium* Pursh: (*Mnesitheon album* Rafin:) *Amer:* septentr: incolit nec *Eur:* quod sciam; plantam non vidi. = P. 474. Pallasia n. CXXIX. l. 2. *Euceliæ*, lege — *Enceliæ*. = P. 499. l. 4. *Barkansia Marchallii*, lege — *Barkansia Marschallii*. = P. 503. sub *B. hispida* n. 9. l. 6. post All: n. 804., adde — Sub *Crepide bienni*. = P. 513. ad *H. prœaltum* n. 26., adde — Lectum a cl: Re ad pedes rupis *S. Michaëlis della Chiusa* et in agro *Genuensi* Re app: IV. ined: = P. 516. sub *Hieracio andryaloideo* n. 36. l. 2., dele Ic:?, et adde — Vill: dauph: III. f. 29. = P. 518. *H. parvifolium* n. 41., lege — *H. porrifolium*. = P. 519. sub *H. cerinthoideo* L. sp: 1139., lege — 1129. = P. 523. ad calcem *H. grandiflori* n. 59., adde — Cl: Re in app: IV. ined: tradit commune esse in Alpibus nostris et speciatim in illis *di Ceresole* ac in *M. Cenisio H. intybaceum* Lam: non L. nec All:, quod est sola var: *H. grandiflori* foliis magis incisis, ita ut interdum fere lyrata evadant, et sic toto cælo diversa a foliis *H. grandiflori* utplurimum tantum plus minus dentatis. = P. 524. ad *H. ovatum* n. 63. l. 2. plantam hirsutam, adde — pumilam. = P. 526. sub *Soncho quercifolio* n. 1. l. 4. flores amplexicauli, lege — flores ampliusculi. = P. 527. sub *S. palustri* l. pen:, minutissima serrulata, lege — minutissime serrulata. = P. 533. ad *Prenanthem purpuream* n. 4., adde — In montibus *dell'Oropa* Avog: in litt: = P. 535. sub *Chondrilla juncea* n. 1. l. 6. fl: tor: II. p. 64., lege — p. 42. = P. 536. ad *Leontodon livens* n. 5. l. 3. Spr: syst: III., adde — p. 658. et c. p. p. 304. = P. 546. ad *Tragopogon crocifolium* n. 5., adde — Prope *Segus:* Re fl: segus: p. 63. = P. 548. ad *Picridem paucifloram* n. 3. l. 2., dele Ic:? et adde — Gærtn: fr: II. t. 159. f. 2. sub *P. pyrenaica*. = P. 550. ad *Apargiam hispidam* n. 4., adde — Huc pertinet sec: Spr: *A. dubia* Hopp: et W. quam legit cl: Re in alpibus *di Ceresole* (app: IV. ined:); var: hæc ludit inter *A. hispidam* et *hastilem*, ac differt præsertim a prima foliis anthodiisque minus hirtis, ab altera foliis anthodiisque pilosiusculis nec glabris: ceterum adnotare præstat, folia in hisce plantis plus minus secta esse ita ut interdum pinnatifida sint, alias fere integra ac vix dentata, pariterque scapos modo nudos modo parva squama instructos. = P. 556. ad *Scorzoneram laciniatam* n. 7., adde — Secus *Padum* ac in pratis circa *Mongrano* Re fl: tor:

II. p. 39. = P. 557. ad *Sc: calcitropifoliam* l. 6. post *Sc: resedifolia*, adde — et Re fl: segus: p. 63. = P. 559. *Helmintia echinoides* n. 1., lege — *Helmintia echioides.* = P. 561. - 562. ad *Hypochœridem maculatam* et *helveticam* nn. 4. 5., adde — Utraque reperta in *M. Cenis:* et *M. Rosa* Avog: in litt: = P. 574. sub *Scolymo hispanico* n. 2. l. 5. am: ital: p. 182., lege — p. 188. = P. 582. ad indic: Chiococaa, lege — Chiococca. = P. 583. ad indic: *Dauaa*, lege — *Danaa.* = P. 584. ad indic: *Filugo*, lege — *Filago.* = P. 586. ad indic: Plectrosia, lege — Plectronia. = Ibid: Sauvitalia, lege — Sanvitalia.

AD VOL. IV.

P. 4. ad *Campanulam cenisiam* n. 1., adde — *Sabaud:* montibus *d'Alhez*, monte *Tabor* D'Humbert in litt: = P. 6. l. 2. Schavidt:, lege — Schmidt: = Ibid: ad *C. Scheuchzeri* n. 6. post citationem All:, adde — sub *C. Valdensi.* = P. 7. sub *C. cæspitosa* n. 10. l. 4. flumen *Chisoa*, lege — flumen *Chison.* = P. 8. ad *C. persicifoliam* n. 13., adde — Prope *Segus:* Avog: in litt:, sed omissa a Re in fl: segus: = P. 12. sub *C. bononiensi* n. 24. l. 11. Re fl: tor: I. p. 126., lege — p. 128. = P. 23. sub *C. hybrida* l. 4. A. DC. p. 548., lege — p. 348. = P. 24. sub *C. Bertolæ* n. 58. l. 6. sunt *linearia*, lege — sunt omnia *linearia.* = P. 26. l. 5. *C. neranicam*, lege — *C. ucranicam.* = P. 32. sub *Phyteuma betonicæfolio* n. 10. l. 7. fl: acon: I. p. 72., lege — p. 73. = Ibid: sub *Ph: scorzoneræfolio* n. 11. l. 5. ex Re sec: Birol: mss:, lege — Re app: I. p. 14. = P. 50. sub *Vaccinio Myrtillo* n. 4. l. 3. *Ambruuale*, lege — *Ambrunne.* = P. 51. ad *V. Vitis idœa* n. 6., adde — *Sabaud:* prope *Lanslebourg* D'Humbert in litt: = P. 71. sub *Andromeda* n. 2. *S. prostrata*, lege — *A. prostrata.* = P. 75. sub *Arctostaphyla alpina* n. 2. l. 5. supra *Mirabone*, lege — supra *Mirabouc.* = P. 76. sub Gaultheria n. VIII. l. 8. calycis substantia, lege — calycis structura. = P. 84. ad *Rhododendron ferrugineum* n. 8., adde — In collibus *di Quaregna* Avog: in litt: = P. 94. sub *Myrsine* n. 1. l. 9. *Maylilla*, lege — *Manglilla.* = P. 111. ad *Syringam vulgarem* n. 1., adde — In rupibus circa *Segus:* Avog: in litt: In *Ital:* spontaneam haud esse probabiliter censet cl: Ber-

TOL:, nam in Flora illam omisit. = P. 120. ad *Jasminum heterophyllum* n. 11., adde — Floruit abunde prima vice in h. Ripul: Jul: Oct: 1834.; panicula ampla terminalis laxa ramis subhorizontalibus, ramulis erectiusculis 2-3-floris, pedicellis florum longitudine, calyx 5-dentatus dentibus brevissimis acutiusculis, corolla extus aurea intus flavescens leviter odora 5-partita laciniis ovatis patentibus. = P. 122. sub *Phyllirea media* n. 2. l. 7. cl: BERTOL:, lege — cl: BIROLI. = P. 125. sub LINOCIERA n. X. in *obs:* l. 6. libera adpareat, lege — libera adpareant. = P. 127. sub STRYCHNEIS *char: essent:* l. 7. apice albumini, lege — apice albuminis. = P. 133. ad *Vincam majorem* n. 2., adde — Prope *Quaregna* AVOG: in litt: = P. 163. ad *Gentianam Pneumonanthe* n. 10., adde — *M. Cenis: à la Ramassa* D'HUMBERT in litt: = Ibid: ad *G. vernam* n. 11., adde — var: *brachyphylla* abunde crescit in *Sabaud:* ad montem *S. Julien* D'HUMBERT in litt: = P. 165. ad *G. cruciatam* n. 14., adde — *Sabaud:* prope *Lanslebourg* loco dicto *la Fontaine* D'HUMBERT in litt: = Ibid: ad *G. ciliatam* n. 15., adde — *Sabaud:* secus viam inter *Bramant* et *Sestieres* D'HUMBERT in litt: = P. 166. ad *G. glacialem* l. 3. post syn: Schmidt:, adde — All: misc: II. p. 53. t. 6. sub *G. nana.* = Ibid: ad *G. campestrem* l. 6. post *M. Colissé*, adde — ALL: n. 354. = P. 168. ad *Swertiam perennem* n. 1., adde — *Sabaud: à Valbuca*, mont: *d'Hermisson* BILLET in litt: = P. 172. ad *Menyanthem trifoliatam* n. 1., adde — Prope lacum *M. Cenis:* D'HUMBERT in litt: = P. 173. sub VILLARSIA n. V. l. 6. *Capsulæ*, lege — *Capsula.* = Ibid: ad *Chloram perfoliatam* n. 1., adde — *Sabaud:* prope *S. Jean* D'HUMBERT in litt: Prope arcem *della Brunetta* AVOG: in litt: = P. 193. sub HOITZIA n. IV. l. 2. *Colloniæ*, lege — *Collomiæ.* = P. 210. ad *Cuscutam Epithymum* n. 2., adde — Huc videtur pertinere *C. densiflora* WILLEMET in ann: soc: lin: par: 1825. p. 281., quam cl: RE app: IV. ined: asserit reperiri quoque in *Pedem:* = P. 204. sub HYDROPHYLLEIS in *obs:* l. 2. in 2. sect:, lege — in 2.a sect: = P. 228. ad *Cerinthem majorem* n. 1., adde — *Sabaud: Maurian:* in pratis montium BILLET in litt: *M. Cenis:* cum *C. maculata* AVOG: in litt: ambo sub *C. glabra.* = P. 229. sub LITHOSPERMO n. VIII. in *obs:* l. ult: new plutos:, lege — new philos: = P. 234. ad *Onosma echioideum* n. 1., adde — *Sabaud: S. Jean à l'Echillon* BILLET in litt: = P. 239. sub *Echio eleganti* n. 9. l. 11. syst: IV. 734., lege — 724. = Ibid: sub *E. parvifloro* n. 10. Roth: çarol:, lege — Roth: catal: = P. 241. ad *Myosotidem syl-*

vaticam n. 1., adde — ❋ *M. scorpioides* fl: dan: t. 533. *Pedem:* minime rara circa *Venariam* et speciatim *ai Ronc molandi* Re app: IV. ined: = P. 242. ad *M. nanam*, adde — *Sabaud:* e fissuris rupium *d'Albiègle aux aiguilles d'Arves* D'Humbert in litt: = Ibid: inter *M. arvensem* n. 3. et *nanam* n. 4., adde:

❋ 3. bis. *M. collina* = Ehrh: hb: 31. = Spr: syst: I. 558. = *M. arvensis* var: γ R. et S. syst. IV. p. 104. (*Eur:* passim. *Pedem:* in *M. Cenis:* fide D'Humbert in litt:). Vix differt a priori caule *flaccido adscendente minus* ramoso, calyce *patente* nec clauso, limbo corollæ *erectiusculo.*

P. 244. ad calcem *Myosot: dub:*, adde seqq:

❋ 8. *M. alpestris* = Hopp: non Schmidt: = W. en: p. 175. R. et S. syst: IV. 103. = Ic: ? (In alpibus et subalpinis. *Pedem:* in *M. Cenis:* reperit Re app: IV. ined:). Caulis sub-simplex hirtus, folia lanceolata obtusiuscula scabriuscula basi trinervia.

❋ 9. *M. suaveolens* = Walds: et Kit: pl: rar: Hung: ined: sec: R. et S. syst: IV. p. 102. = *M. alpestris* Schmidt: fl: Bohem: C. III. p. 26. non Hopp: = Ic: ? (*Bohem:*, *Hungar:*, *Pyren: Pedem:* in alpe *Monregalensi* dicta *Bellin* Re app: IV. ined:). Caulis simplex hispidus, folia lanceolata sub-acuta hirta basi ciliata, calyces patentissimi. Priori valde affinis, sed cum ea non confundenda, nam præter differentias allatas, constat ex specim: penes cl: Re servatis in *M. suaveolenti* caules esse cæspitosos ramis plerumque conjugatis elongatisque, flores omnes pedunculatos et remotiusculos, dum in *M. alpestri* Hopp: tum caules tum racemi sunt simplices, atque isti ita abbreviati et plerique sessiles, ut capitulum potius exhibeant in summitate caulis quam racemum.

❋ 10. *M. sparsiflora* = Spr: syst: I. 558. ex Mik: (*Eur:* nemoribus sec: Spr: *Pedem:* prope *Venariam* sec: *Cerundam* et secus viam eundo ad caseale D. *Avondo* Re app: IV. ined:). Plantam non vidi, nec specim: inveni in hb: Re.

P. 251. ad *Symphytum tuberosum* n. 2., adde — Circa *Quaregna* frequens Avog: in litt: = P. 254. ad *Cynoglossum pictum* n. 3., adde — Prope *Alexandriam* Avog: in litt: = P. 278. ad *Physalim somniferam* n. 1. l. 2. post *Orosei*, adde — Moris st: sard: I. p. 33. = Ibid: n. 2. *Ph: Alkekingi*, lege — *Ph: Alkekengi.* = P. 281. ad *Atropam Belladonna* n. 2., adde — Prope *la Ferrière* Avog: in litt: = P. 294. sub *Verbasco Blattaria* n. 9.

l. pen: p. 102., lege — t. 102. = P. 295. l. 2. p. 193., lege — p. 139. = P. 300. ad *Scrophulariam nodosam* n. 3., adde — *Sabaud: forêt de Bramant* D'Humbert in litt: — P. 307. ad *Digitalem ferrugineam* n. 5., adde — In montibus *Segusiæ* Avoc: in litt: = P. 310. sub *Linaria Cymbalaria* l. 5. fl: tor: I. p. 311., lege — p. 321., et adde — *Segus:* ubique ad muros vetustos Re fl: segus: p. 52. = P. 314. ad *L. striatam* n. 17., adde — *Sabaud: haute Maurien:* ad vias D'Humbert in litt: cum var: *β tristi* Huguen: in litt: = P. 316. sub *L. genistæfolia* l. 2. fl: austr: t. 344., lege — t. 244. = P. 334. sub *Veronica spicata* n. 2. l. 9. fl: tor: I. p. 4., lege — p. 26. = P. 335. ad *V. alpinam* n. 6., adde — *Sabaud:* in montibus *de Yarrus* D'Humbert in litt: = P. 338. ad *V. officinalem* n. 11., adde — *Sabaud:* in montibus *de S. Salin* D'Humbert in litt: = P. 340. ad *V. urticæfoliam* n. 17., adde — *Sabaud: Cour du Cloître à S. Jean* D'Humbert in litt: = P. 341. ad *V. arvensem* n. 19., adde — *Sabaud:* in hortis prope *Chambery* D'Humbert in litt: = P. 342. ad *V. agrestem* n. 22., adde — *Sabaud:* in aquis prope *S. Jean* D'Humbert in litt: = P. 353. l. 4. asserit et a B., lege — asserit ac B. = P. 354. ad *E. tricuspidatam* n. 2., dele ❋ et syn: All: et adde — In *Pedem:* non invenitur; *E. tricuspidata* All: pertinet ad *E. alpinam* n. 6. bis. = P. 356. ad *E. salisburgiensem* l. 7. vers: Male quoque, dele totum vers:, et adde postea:

❋ 6. bis. *E. alpina* = Lam: ill: t. 518. f. 2. = Spr: syst: II. 776. excll: synn: = *E. officinalis* var: *β* Duby bot: gall: p. 354. excl: syn: Hopp: *E. tricuspidata* All: non L. (In *Alpium* et *Pyren:* pascuis aridis. *Pedem:* communis in alpibus et speciatim ubertim in valle *Lancei d'Ala*, et in alpe *Monregalensi* dicta *la Tucra* Re app: III. p. 12. et app: IV. ined: ubi hæc habet: » Substituenda in fl: pedem: *E. tricuspidatæ* L. quæ numquam » a me aut ab aliis, quod scio, reperta fuit in *Pedem:;* ac reapse » observo cl: DC. asserere in vol. VI. fl: gal: p. 390. *E. tricu-* » *spidatam* All: nihil aliud esse nisi *E. alpinam* Lam: ex testi- » monio ipsius hb: Ceterum *E. alpina* Lam: minime confundenda » cum *E. salisburgensi* Hopp:, sc: *E. pectinata* Tenor:, differt » enim caule simplici, floribus raris alternisque et non dense » spicatis congestisque in spica prælonga, et præterea bracteis » lanceolatis unico tantum dente elongato ac subulato terminali, » et demum floribus luteis. »

P. 360. sub *Alecterolopho Crista Galli* n. 1. l. 8. pro utroque

Biroli, lege — pro utroque. Biroli. = P. 365. ad *Pedicularem asplenifoliam* n. 6. l. 5. Re app: etc., lege — Re app: I. p. 26. sub *P. atrorubente*, et app: III. p. 11. sub *P. asplenifolia.* Vid: insuper *P. atrorubentem* p. 367. n. 11. = P. 367. *P. atrorubens* n. 11., dele, et speciem refer ad *P. asplenifoliam* n. 6. = P. 367. l. 14. *Euphraria*, lege — *Euphrasia.* = P. 373. ad *Tozziam alpinam*, adde — *M. Rosa* Avog: in litt: = P. 383. ad *Lathræam Squamariam*, adde — *Sabaud:* ad viam antiquam *d'Aiguebelle* D'Humbert in litt: = P. 385. l. 4. dividendas, lege — dividendus. = P. 394. ad *Salviam Æthiopis* n. 15., adde — *Sabaud: Maurian: à l'Echillon*, *Avrieux*, prope *Modane* Billet in litt: = P. 395. l. 5. loca etiam indicata, lege — locis etiam indicatis. = Ibid: sub *S. multifida* l. 7. habitu, lege — habita. = P. 405. sub *Teucrio lucido* l. 9. fl: acon: I. p. 153., lege — p. 195. = Ibid: sub *T. chamædrys*, adde — Frequens *a Quaregna* Avog: in litt: = P. 406. l. 4. fl: tor: I. p. 197., lege — 297.; l. 5. I. p. 193., lege — 195. = Ibid: sub *T. Scordio* l. 8. fl: tor: I. p. 299., lege — 297.; et l. 9. fl: acon: I. p. 191., lege — p. 195. = P. 409. ad *T. Scorodonia* n. 12., adde — Frequens *a Quaregna* Avog: in litt: = P. 421. sub *Satureja Bellardi* l. 11. adparet, lege — adparent. = P. 424. ad *Mentham viridem* n. 1., adde — Huc refert Spr: *M. lævigatam* W. en:, quam cl: Re legit prope *Druent* ipso monente in app: IV. ined: Reapse a *M. viridi* non videtur differre nisi calycibus glabris. = P. 439. ad *Nepetam Cataria* n. 2., adde — *Sabaud: à S. Michel* D'Humbert in litt: Circa *Vercelli* Avog: in litt: = P. 442. ad *N. Balbisii* n. 8., adde — *N. grandifloram* adinveniri in *Sabaud:* ad viam *de Villandin* monet D'Humbert in litt:; an eadem ac *N. colorata* Balb:? Plantam non vidi. = P. 448. ad *Stachydem alpinam* n. 12., adde — In *Sabaud:* vulgaris cum *St: germanica* D'Humbert in litt: = P. 456. l. 5. quam in præcedentibus, lege — quam in præcedenti. = Ibid: n. XXXIII. Leneas, lege — Leucas. = P. 460. sub *Prunella vulgari* n. 1. l. 6. fl: tor: I. p. 216., lege — p. 316. = P. 461. l. 2. fl: tor: I. p. 310., lege — p. 316. = P. 464. post *Thymum Serpyllum* n. 2., adde:

❋ 2. bis. *Th: angustifolius* = Spr: syst: II. 696. ex Schreb: (*Eur:* passim. *Pedem:* prope *Venariam* reperit Re app. IV. ined:). Vix differt a priori, cujus var: sec: Steud: foliis *angustioribus* sc: lineari - oblongis obtusis subtus pallidis, dentibus calycinis *inæqualibus.*

P. 465. sub *Thymo lanuginoso* n. 5. l. 1. Bor: Haud:, lege — Bor: Hand: = P. 473. l. 3. *Orthoriphomi*, lege — *Orthosiphoni.* = P. 476. sub *Scutellaria galericulata* n. 1. l. 6. Re fl: tor:, lege — Re fl: segus: = P. 501. sub *H. tenuifolia* n. 2. Reich: in bot: en:, lege — in bot: ex: = P. 509. l. 1. polystachys, lege — polystachyis. = P. 517. l. 11. discoloribus scapigeris, lege — discoloribus, scapigeris. = Ibid: ad *Cyclamen europæum* n. 1. l. 7. post All: n. 324., adde — nec non in nemoribus *Foussigny* Billet in litt: Frequentissimum in nemoribus prope viam quæ a *Bugella* ducit ad *Pollone* præsertim loco dicto *Moncalvo* ipse legi. = P. 519. sub *Soldanella alpina* l. 2. 513., lege — 573. = P. 522. sub *Primula suaveolente* n. 2. l. 7. *Remazzo*, lege — *Ramazzo.* = P. 523. ad *Pr: viscosam* n. 6., adde — In parvo *M. Cenis:* ad rupes D'Humbert in litt: = P. 525. ad *Pr: marginatam* n. 12., adde — *Sabaud:* prope scaturiginem fluminis *l'Arc* D'Humbert in litt: sub *Pr: crenata.* = P. 528. ad *Androsace maximam* n. 1., adde — *Sabaud: l'Echillon* D'Humbert in litt: = P. 531. ad *A. Aretia* n. 6. l. 2. syst: I. 678., lege — 578., et in fine adde — *A. imbricatam* inveniri in *Sabaud:* montibus ad nivem deliquescentem monuit D'Humbert in litt: = P. 532. sub *A. Vitaliana* n. 9. l. 2. Jessle, lege — Sessler. = P. 534. sub *Lysimachia vulgari* n. 1. l. 2. syst: I. 57., lege — 571. = P. 535. ad *L. nemorum* n. 3., adde — Prope *Quaregna* frequens Avog: in litt: = Ibid: ad *L. nummularia* n. 4. l. 6. fl: tor: I. p. 67., lege — p. 123. Biroli fl: acon: I. p. 67. = P. 544. l. 11. *carnulosa*, lege — *carnosula.* = P. 550. sub *Statice pubescente* n. 8. l. 2. Bocc: sm:, lege — Bocc: sic: = P. 554. l. 2. ad *Plantaginem Cynops*, supra *Gugliate*, lege — supra *Gagliate*, et adde — *Sabaud:* prope *S. Jean* Billet in litt: = P. 566. n. 22. *Pl: luparis*, lege — *Pl: Cupani.* = P. 567. ad calcem *Plantaginis*, adde:

❀? 25. *Pl: parviflora* = Desf: atl: I. p. 141. (*Afr:* bor: *Pedem:* Re app: IV. ined: sine loci indicatione). Plantam non vidi.

P. 581. sub *Iresine* l. 3. *Trommdorffiæ*, lege — *Trommsdorffiæ.* = Ibid: l. 6. in urceolam, lege — in urceolum. = P. 592. in indic: fine Zapania 491., lege — Zapania 495.

AD VOL. V.

P. 12. ad calcem *Betæ vulgaris*, adde — Hic laudandus cl: Marchio De Cavour Urbis nostræ sollertissimus Vicarius, horti- et agri - culturæ bene meritus, qui primus sedulis experimentis Betæ vulgaris albæ et rubræ varietatum sacchariferarum culturam in agris Santenæ meliori exitu expertus est præcipue ad optimum cibum armentis pecudique præbendum, unde ingentem copiam magni ponderis pro unoquoque jugere legit, inter quas nonnullæ ad longitudinem pedalem et ultra pervenerunt. Cultoribus egregius Vir exemplum esto! = P. 15. sub *A. diffuso* n. 3. l. 3. litore, lege — litora. = P. 19. ad *Chenopodium Bonus Henricus* n. 1., adde — *M. Cenis:* Avog: in litt: = P. 22. ad *Ch: Botrys* n. 11., adde — *Sabaud:* Billet in litt: = P. 23. post *Ch: polyspermum* n. 14., adde:

❈ 14. bis. *Ch: lanceolatum* = W. en: p. 291. = Spr: syst: I. 921. = Ic: ? (*Amer:* bor: ex W. et Spr: In ruderatis circa *Parisios* Mérat fl: par: II. p. 127. *Pedem:* in alpibus *Monregalensib:* Re app: II. p. 195.). Ann: Bipedale ramosissimum divaricato-diffusum sub-decumbens, folia ut in priori sed acuta mucronulata, inflorescentia axillaris racemosa potius quam cymosa.

P. 26. n. XVI. Thalygonum, lege — Theligonum. = Idem p. 27. l. ult: et in indice p. 570. = P. 29. ad *Phytolaccam decandram* n. 1., adde — Trans pontem *Sessitis Vercelli* in sylvis Avog: in litt: = P. 52. sub *Polygono amphibio* n. 3. l. 13. caule nutante, lege — caule natante. = P. 57. n. 16. *P. Tragopyrum*, lege — *Fagopyrum.* = Ibid: post *P. Fagopyrum* n. 16., adde:

❈ 16. bis. *P. tataricum* = Spr: syst: II. 254. ex L. (*Tatar: Pedem: Cuneo* sec: Re). Plantam non vidi.

Ibid: l. 23. *Polygana dubia*, lege — *Polygona dubia.* = P. 61. sub *Lauro nobili* n. 1. l. 1. sp: 429., lege — sp: 529. = P. 63. sub Tetranthera l. 4. *Litreæ*, lege — *Litseæ.* = P. 73. l. 5. *Tricondylum*, lege — *Tricondylus.* = P. 76. ad *Daphnem Mezereum* n. 1., adde — *Sabaud:* montibus ad nivem deliquescentem D'Humbert in litt: = P. 77. ad *D. Laureolam* n. 2., adde — « Insignem varietatem invenit discipulus meus die 17. sept: » 1828. in sylvis *di Bobbio* floribus omnibus axillaribus sessilibus

» solitariis, dum pedicellati et quini sunt in vera *D. Laureola*, » uti perhibent omnes Auctores, et ego etiam pluries observavi, » et floret sub fine hyemis. An id effectus secundæ fructifica- » tionis aut fructificationis præcocis nondum evolutæ, aut spe- » cies propria? Ulterioribus observationibus quæstionem esse » committendam mihi videtur; interim adnotare præstat ceteris » omnibus characteribus perfecte convenire cum *D. Laureola* L.» Ita cl: Re in app: IV. ined: = P. 78. ad *D. alpinam* n. 4., adde — *Sabaud: S. Julien* et *S. Martin la Porte* D'Humbert in litt: = P. 79. sub Passerina n. III. l. 3. *Lachucæ*, lege — *Lachneæ.* = P. 80. *P. Thymelea* n. 3., lege — *P. Thymelæa.* = P. 82. l. 6. *D. coronifoliam*, lege — *D. cotinifoliam.* = P. 90. Elæagneæ sub *char: essent:* l. 3. *Flores*, lege — *Torus.* = P. 115. *Mercurialis annua* n. 2. in fine, adde — *M. ambigua* lecta fuit a cl: Re supra collem *S. Luciæ* prope *Villanova* in prov: *Monregalens:* nec non in litore maris prope *Nicæam*, ceu ipse tradit in app: IV. ined: = P. 126. ad *Euphorbiam dulcem* n. 18. in fine, adde — *E. purpuratam* communem esse in sylvaticis et umbrosis *Sabaud:* monet D'Humbert in litt: = P. 129. sub *E. nicæensi* in fine, adde — Huc quoque pertinet *E. oleæfolia* Gouan: quam cl: Re invenit secus viam inter *Tendam* et *Fontan* Re app: IV. ined: = P. 130. sub *E. amygdaloide* n. 29. l. 3. *E. helvetica*, lege — *E. sylvatica;* et adde — Lecta quoque fuit in sylvis prope *il Var* Re app: IV. ined: = Ibid: ad *E. sylvaticam* n. 30., adde — *Sabaud:* secus viam eundo ad *Chambery* D'Humbert in litt: = Ibid: ad *E. Gerardianam* n. 31., adde — *Sabaud:* ad viam inter *Bramant* et *Sottieres* D'Humbert in litt: = P. 132. *E. cerasocarpa* n. 34., lege — *E. ceratocarpa.* = Ibid: *E. Kunthii* n. 37., lege — *E. Kunzii.* = P. 142. l. 1. *Urticarum* genus, lege — *Urticarum* genera. = P. 148. sub *Moro* n. IV. l. 5. *Stam:* 1-2., lege — *Semina.* — P. 156. sub *Parietaria officinali* l. 5. fl: tor: I., lege — fl: tor: II. = P. 158. ad calcem *Humuli Lupuli*, adde — Circa culturam ac usus hujusce stirpis cons: *Trattato sulla coltivazione del Luppolo, Milano* 1836., *per G. Silvestri;* versionem cum notis cl: L. Tagliabue. Substantia pulverulenta flava qua conspersa sunt *akenia* dicitur *Luppulina*, ipsaque est quæ partem activam constituit in cerevisia. = P. 165. Juglandeæ sub *char: essent:* l. 5. cima longitudinali, lege — rima longitudinali. = P. 166. ad *Juglantem regiam* n. 1. in fine, adde — Huc referenda *J. adhærens* Re app: IV. ined: (vern:

Nous streitera) quæ, monente Auctore, differt foliis quinis septenisve, foliolis oblongo-linearibus non ovatis, pedunculis brevioribus, fructibus putamine stricte adhærente, ligno densiori. = P. 167. l. 9. Rufin:, lege — Rafin: = P. 186. ULMACEÆ l. 2. *Chailleticarum*, lege — *Chailletiearum.* = P. 189. ❋? 1. *C. australis*, dele? et adde — Minime rara circa *Segus:* et in tota provincia locis incultis RE fl: segus: p. 83. et AVOG: in litt: Hinc dele versiculum *Stirpem hanc* etc. = P. 194. ad *S. amygdalinam* n. 5. pro var: *Villarsiana* l. 17., adde — Nec non inter *Carmagnola* et *Racconigi* RE app: I. p. 38. = P. 198. sub *S. grandiflora* n. 12. l. 2. *S. cinarescens*, lege — *S. cinerascens.* = P. 200. ad *S. phylicifoliam* n. 16. pro var: *S. stylosæ* in fine, adde — *S. stylosa* lecta fuit in *M. Cenis:* a cl: RE app: IV. ined: = Ibid: ad *S. nigricantem* n. 17., adde — Lecta quoque prope *Bagnasco*, inter *Mombasilio* et *S. Michele* in prov: *Monregalensi*, atque inter *Vicum* et urbem *Monregal:* RE app: I. p. 36. = P. 201. ad *S. hastatam* n. 18. in fine, adde — RE app: I. p. 38. = P. 204. ad calcem *S. limosæ* n. 22., adde — Cl: RE app: IV. ined: circa *S. limosam* hæc habet: « Duæ sunt varietates *S. are-* » *nariæ*, e quibus una folia habet minora et supra sub-villosa, » quam credo veram *arenariam* L., et altera folia majora subtus » magis tomentosa et cana, quæ ab ipso sub nomine *S. gran-* » *difoliæ* indicatur, et ea est quæ a nobis reperta fuit in al- » pibus *di Ceresole* prope *il Serra*, de qua var: nulla mentio » fit in flora ALLIONII. » = P. 207. ad calcem *S. retusæ* n. 28. pro var: *S. serpyllifoliæ*, adde — Et abunde reperta fuit a cl: RE in *M. Cenis:* ceu ipse tradit in app: IV. ined: = P. 210. in *obs:* ad GARRYACEAS l. 1. *Dosylas*, lege — *Douglas.* = P. 219. ad *Juniperum Sabina* n. 5., adde — *Sabaud: S. Thècle* prope *S. Jean* BILLET in litt: = P. 223. l. 9. et *Catarica*, lege — et *tatarica.* = P. 225. sub *P. Cembra* n. 8. l. ult: terebenthinas, lege — terebinthinas. = P. 227. l. 9. dele). = P. 234. BUTOMUS l. 3. *hexogyn:*, lege — *hexagyn:* = P. 236. l. 3. *Butamo*, lege — *Butomo.* = P. 239. ad *Alisma parnassifoliam* n. 2., adde — *Sabaud:* in aquis stagnantibus *de l'Echillon* D'HUMBERT in litt: = P. 245. ZOITERA n. III., lege — ZOSTERA. = P. 258. ad *Typham minorem* n. 3. l. 7. post cit: RE app:, adde — et fl: tor: II. p. 110. sub *T. minima.* = Ibid: post *T. minorem*, adde:

❋ 3. bis. *T. trispathacea* = Re app: IV. ined: « *T.* spica » mascula cylindrica contigua superne et inferne foliacea, fœ-

» minea elliptica basi foliata, foliis radicalibus angustissimis se-
» taceo-linearibus canaliculatis longissimis planis culmo brevio-
» ribus. » Phrasis ex Re l. c. Lecta mense majo secus *Sangone* inter pontem dictum *del Sangone* et *Montemcalerium*.

Obs: Accedit ad priorem, sed differt spiris contiguis et non remotis, spathis tribus dum unica tantum observatur in *T. minima* ad basim spicæ masculæ.

P. 268. l. 3. *Enuroideæ*, lege — *Euaroideæ*. = Ibid: ad *Arum maculatum* n. 2., adde — *Sabaud:* ad antiquam viam *d'Aiguebelle* D'Humbert in litt: = P. 275. ad *Borassum flabelliforme* n. 1., adde — Floruit prima vice in calidario h. Ripul: mense Martii 1836. et, mirum! fructus maturos gessit etsi unicum individuum possideam, nec alias anthesis tempore Palmas florentes ibi habuerim; semina sata mense Septembr: germinare incœperunt mense Novembr:, et unum ex illis folium primum emisit mense Decembr: quod nunc (mense Martii 1837) altitudinem fere palmarem attingit. Cetera phœnomena notabo et appositam dissertationem tempestive edam. Interim certum est hanc stirpem (semper?) haud esse dioicam. = P. 282. sub Musa n. I. l. 11., in superioris spadici, lege — in superiore spadicis. = P. 287. sub Alpinia l. 2. *Maranthæ*, lege — *Marantæ*. = P. 295. sub *Sp: æstivali* l. 10. *Jonni*, lege — *Fonni*. = P. 305. l. 1., a duobus, lege — a duabus. = P. 306. l. 8., variegatis, lege — variegati. = P. 314. sub *G. viridi* n. 3., adde — *M. Cenis:* loco dicto *Margerie* Avog: in litt: = P. 315. sub *Pl: bifolia* l. 8., sæpius 2-tantum rarius 3-ovato-oblonga, lege — sæpius 2. tantum, rarius 3. ovato-oblonga. = P. 319. l. 10. *Oxylottis*, lege — *Oxyglottis*. = P. 321. ad *O. apiferam* n. 4. l. 3., circa *Segus:* Re etc., lege — Circa *Segus:* Re fl: segus: p. 75. sub *O. insectifera*. In sylvis prope vineam *della Regina* Re fl: tor: etc. = P. 325. l. 5. *Eutragne*, lege — *Entraque*. = P. 326. l. 9. n. 2044., lege — n. 2046. = Ibid: l. antipen: *Eutrague*, lege — *Entraque*. = P. 328. l. 10. *Himanoglossum*, lege — *Himantoglossum*. = P. 337. Streptorus n. III., lege — Streptopus. = P. 340. ad *Asparagum officinalem* n. 4., adde — *Sabaud: forêt de Bramant* Billet in litt: = Ibid: ad *A. tenuifolium* n. 5., adde — *Sabaud: au Nivolet* prope *Chambery* Billet in litt: = P. 341. ad *Ruscum Hypoglossum* n. 2., adde — Ad rupes inter *Baveno* et *Fariolo* raro occurrit Biroli fl: acon: II. p. 138. = P. 352. l. 3., certa diagnosis, lege — certa diagnosi. = P. 356. sub

Aloe l. 3. *Bonsieæ*, lege — *Bowieæ*. = P. 357. sub *Phormio tenaci* n. 1. l. 2. *Chlamydia tenuissima*, lege — *Chlamydia tenacissima*. = P. 358. l. 9. Taujas, lege — Faujas. = P. 364. ad *Asphodelum fistulosum* n. 1., adde — *Sabaud:* in *Maurian:* speciatim *à Villarembert* Billet in litt: = P. 365. ad *A. ramosum* n. 2., adde — Prope *Segus:* reperit Avog: ceu ipse monuit in litt:; an eadem planta ac illa a cl: Re in fl: segus: enumerata sub eodem nomine? Tunc pertinet ad priorem. Specim: ab Avog: lecta non vidi. = P. 371. ad *Allium acutiflorum* n. 7., adde — Etiam cl: Re illud reperit prope *Nicæam* uti ipse monuit in app: IV. ined: = P. 375. l. 11. *Floribus lucidis*, lege — *Floribus luridis*. = P. 382. l. 8. Vid: infra n. 34., lege — n. 33. = P. 383. l. 4. ad *Allium roseum* L. syst:, adde — Repertum a cl: Re prope *la Giandola* mense Majo, ipso monente in app: IV. ined: atque enumeratum sub *A. Tenorii*. = Ibid: ad *A. sub-hirsutum* n. 28., adde — ❋, lectum enim in humidis *del Varo* a cl: Re, ceu ipse tradit in app: IV. ined: = P. 386. ad *A. ursinum* n. 34., adde — *Sabaud:* locis umbrosis supra *S. Martin la Porte* D'Humbert in litt: = P. 395. sub *Muscari botryoïde* n. 3. l. 16., soli oppositis, lege — soli expositis. = P. 399. ad *Ornithog: bohemicum* n. 2. in fine, adde — *O. fistulosum* lectum fuit in *M. Cenisio* a cl: D'Humbert ipso monente in litt: = Ibid: ad *O. luteum* n. 3., adde — *Sabaud:* mont: *d'Hermillon* D'Humbert in litt: = P. 403. post *O. pyrenaicum* n. 9., adde:

❋ 9. bis. *O. nutans* = L. sp: 441. = Spr: syst: II. 32. = Engl: bot: t. 1997. Sub *Myogalo* Link: Sub *Albuca* Reich: (*Eur:* passim a *Baltico* ad *Mediterr:*, *Asia* minor: *Sabaud: S. Génis au Chapey* D'Humbert in litt:). Bulbus ovatus albidus, folia linearia canaliculata scapum erectum sub-superantia, racemus simplex sub-multiflorus, pedunculi nutantes flore bracteaque breviores, flores magni dorso virides intus margineque albi filamentis dilatatis inæqualibus alternis brevioribus 2-fidis. In *Pedem:* proprie dicto pulchellam hanc stirpem desideramus quod sciam.

P. 405. ad *T. Meleagris* n. 1., adde — *Sabaud:* in nemoribus prope *Chambery* D'Humbert in litt: = P. 407. ad *Lilium bulbiferum* n. 2., adde — *Sabaud:* speciatim in *Maurian:* Billet in litt: = P. 410. ad *Tulipam Gesnerianam* n. 3., adde — Cl: Candollei opinionem confirmat cl: Billet in litt:, qui *T. oculus solis* communem esse in *Sabaud:* circa *S. Jean* affirmat, quin veram *Gesnerianam* enumeret. = P. 419. Galanthus sub Char:

gener: l. 1. latere fixa, lege — latere fissa. = Ibid: sub *G. nivali* l. 5. fl: acon: I. p. 100., lege — p. 109. = P. 426. Narcissus l. 3. *Philogynæ*, lege — *Phylogyne.* = P. 436. sub *Croco sativo* n. 4., adde — Crescit etiam in eadem *Maurian:* prope *S. Julien* et in *Tarantas:* prope *Acine* Billet in litt: = P. 459. l. 3. respicientes, lege — respiciente. = Ibid: sub Xyride l. 6. *X. aperculatam*, lege — *X. operculatam.* = P. 462. l. 2. Bichemo, lege — Bicheno. = Ibid: sub *Junco trifido* n. 1., adde — Abundans in *M. Cenis:* D'Humbert in litt: = P. 464. sub *J. capitato* n. 4. l. pen: *J. stucatus*, lege — *J. stellatus.* = P. 473. ad *Luzulam vernalem* n. 1., adde — *Sabaud:* in pratis *di Baune* D'Humbert in litt: = P. 474. post *L. Gonteri* n. 2., adde:

❋ 2. bis. *L. Collæ* = Re app: IV. ined: « *L.* foliis linearibus » sub-pilosis caule fere duplo longioribus, corymbo sub-decom- » posito, pedunculis unifloris crassis brevibus divaricatis, sepalis » (*perigonii laciniæ*) acutis capsula brevioribus. » Re l. c. Ludit inter duas præcedentes, a quibus differt præsertim foliis caule fere *duplo longioribus* dum constanter in illis breviora sunt, et pedunculis lateralibus divaricatis nec *nutantibus* ut in *L. vernali* aut *omnibus* erectis ut in *L. Forsteri.*

P. 478. ad *L. campestrem* n. 11. pro var: *multiflora* in fine, adde — et fl: tor: I. p. 206. = P. 479. ad *A. monspeliensem* n. 1., adde — *Sabaud: Apremont* Billet in litt: = P. 488. ad *C. Davallianum* n. 2., adde — In *M. Cenis:* locis humidis pariter invenit cl: D'Humbert ceu ipse monuit in litt: = P. 489. sub *C. pauciflora* l. 6. *di Morezzo*, lege — *di Mosezzo;* error ipse passim alibi occurrens, et corrigendus. = P. 491. sub *C. incurva* n. 8., adde — *Sabaud:* frequens D'Humbert in litt: sub *C. juncifolia.* = P. 497. l. 7. sub eodem, lege — sub eadem. = P. 501. ad *C. divulsam* n. 25., adde — Omissa a cl: Re in fl: segus:, sed reperta a cl: Avog: in herbosis prope *Segus:* ipso monente in litt: = P. 502. sub *C. hybrida* n. 29. l. 3. *Kobreria*, lege — *Kobresia.* = P. 504. ad *C. bicolorem* n. 32., adde — *Sabaud:* in nemoribus *di Lanslebourg* D'Humbert in litt: = P. 507. ad *C. præcocem* n. 37., adde — *Sabaud:* in pratis *di Baune* D'Humbert in litt: = P. 511. sub *C. flava* n. 42. l. ult: Ser: ex ic:, lege — Ser: exsic: = P. 512. ad *C. digitatam* n. 45. pro var: *ornithopoda*, adde — Var: hanc reperit D'Humbert in *M. Cenis:* loco dicto *Ronche.* = P. 516. ad *C. nigram* n. 50. in fine, adde — Cl: Re in app: IV. ined: perperam observat *C. nigram*

habendam esse pro simplici var: *C. atratæ* productam ab aëris temperie magis frigida; sed constantes differentiæ a me allatæ tum in obs: ad *C. atratam* n. 31., tum in illa ad ipsam *C. nigram* cl: Re opinionem destruere videntur; ceterum hæ stirpes sæpe repetiuntur in iisdem stationibus. = Ibid: ad *C. frigidam* n. 51. All: n. 2335., lege — n. 2334. = P. 518. sub *C. Gioletti* n. 54. l. 2., *C. Grioletti*, lege — *C. Grioletii.* = P. 538. l. 15. All: n. 2347., lege — n. 2357. = P. 542. Cladium in *obs:* l. 2., destitutis, vix diversum, lege — destitutis vix diversum. = P. 545. l. 3. *Icolepidis*, lege — *Isolepidis.* = Idem in l. 14. = P. 555. sub *Scirpo palustri* n. 16. l. 4. *Gianchina*, lege — *Gionchina.* = P. 560. sub *E. angustifolio* n. 5. in fine, adde — Huc pertinet sec: Duby bot: gall: p. 487. *E. intermedium* Bast: a cl: DC. distinctum in fl: fr: suppl: p. 298. n. 1769[a], quodque repertum fuit a D. Baruffi in humidis *della Margherita* in prov: *Monregal:* sec: Re app: IV. ined: Ab *E. angustifolio* mihi non videtur differre nisi statura minori. = P. 569. in ind: column: 2. l. 1. Petiverla, lege — Petiveria. = P. 570. column: 1. l. 32. Sterlitzia, lege — Strelitzia.

AD VOL. VI.

P. 2. l. ult: Juillet p. 257., lege — p. 287. = P. 6. sub *Stipa Aristella* n. 5. l. 3. *Agrostis Oromoides*, lege — *Agrostis bromoides.* = Ibid: l. 4. *Aristella Oromoides*, lege — *Aristella bromoides.* = P. 13. sub *Agrostide canina* n. 4. l. 10. *Canetta*, lege — *Cunetta.* = P. 15. l. 11. pro *A. stolonifera.* Ad vias etc., lege — Pro *A. stolonifera* ad vias etc. = Ibid: l. 14. p. 25. pro *A. hispida.* In pascuis etc., lege — p. 25. Pro *A. hispida* in pascuis etc. = Ibid: l. 15. pro *A. capillari.* In pratis etc., lege — Pro *A. capillari* in pratis etc. = Ibid: l. 18. pro *A. pumila.* Circa etc., lege — Pro *A. pumila* circa etc. = P. 18. inter genus Agrostidis et Calamagrostidis, adde:

VI. bis. Knappia Sm: Engl: bot: v. XVI. p. et t. 1127. = Spr: syst: n. 268. = Hook: fl: lond: tom: IV. t. 12. = *Agrostidis*, *Chamagrostidis*, *Sturmiæ*, et *Miboræ* spec: quorund:

» *Glumula* 1-flora 2-valvis apice truncata dentata. *Perigon:* » glumula minus 2-valve pilis hirsutum apice fimbriato-barba- » tum. *Caryops:* libera scabrida. »

Obs: Genus ludens inter *Agrostidem* et *Calamagrostidem*, habitu tamen præsertim racemo simplicissimo e locustulis solitariis alternis diversum, constans unica stirpe sequenti.

❋ 1. *K. agrostidea* = Sm: et Spr: ll. cc. = Bertol: fl: ital: I. p. 377. *Agrostis minima* L. sp: 93. aliique. *Chamagrostis minima* R. et S. syst: II. p. 389. *Sturmia verna* Pers: = *Mibora verna* P. de Beauv: agr: p. 7. t. 8. f. 4. (In arenosis *Eur:* med: In agro *Nicæens:* All: n. 2168. Agro *Novar:* in pascuis primo vere ubique Biroli fl: acon: I. p. 26.). Ann: Pusilla cæspitosa glabra, folia convoluto-setacea brevissima vaginis laxiusculis albidis, racemus terminalis linearis, flosculis minutissimis secundis ex viridi violaceis brevissime pedicellatis glabris, perigonio hirsutissimo villis argenteis. Stirps pulchella.

P. 20. ad *C. montanam* n. 3., adde — Huc videntur spectare *Arundo Halleriana* et *alpina*, quas cl: Re app: II. p. 191. invenisse tradit prope casas *della Mussa* in valle *d'Ala;* at *A. alpinam* haud enumerat cl: Bertol:, et *A. Hallerianam* Tenor: refert quidem ad *montanam*, sed monet hanc non esse *Hallerianam* Gaud: quin indicet ad quam aliam stirpem pertineat. Specim: quæ habeo a Re sub allatis nominibus reapse non differunt ab *A. montana.* = P. 25. sub *Holco avenaceo* n. 3. pro var: *bulbosa*, adde in fine — Cl: Re in app: IV. ined: easdem confirmat observationes, ac præsentiam bulbi villorumque tribuit præcipue loco quo planta innascitur et languenti ejusdem vegetationi; var: istam abundantem vidit speciatim in arenosis *di Lucengo* prope *Venariam.* = P. 26. post *obs:*, 1. Glumula 1-flora, lege — Glumula 1-2-flora. = P. 28. sub *Avena distichophylla* n. 5. l. 12., æquivalvem basi, lege — æquivalvem sub-æquantes, basi etc. = P. 35. sub Danthonia n. 11. l. 3. *Antistirina*, lege — *Anthistirine.* = P. 40. sub *Melica pyramidali* n. 4. l. 2., p. 496., lege — p. 494. = P. 48. l. ult:, fl: ital: I. p. 541., lege — p. 542. = P. 57. l. 11. Prot: etr:, lege — Bot: etr: = P. 58. sub *P. glaciali* n. 19. l. 7., brevissimæ pedunculatæ, lege — brevissime pedunculatæ. = P. 59. l. 2. *P. subnuda*, lege — *P. sabauda.* = P. 72. ad *Airam valesianam* n. 3., adde — *Sabaud:* in collibus *di Bramant* D'Humbert in litt: = P. 73. l. ult:, fl: fr: n. 157., lege — n. 1567. = P. 75. sub *A. caryophyllea* n. 8. l. 4., ubique in pascuis prope etc., lege — Ubique in pascuis sterilibus Re fl: segus: p. 11. Speciatim in pascuis prope etc. = P. 77. l. 7., etiam sub apice, lege — aristam sub apice. = P. 84. sub *Ses-*

leria cærulea n. 4., adde — *Sabaud:* in colle *l'Echillon* D'Humbert in litt: = P. 110. sub *Tritico junceo* n. 9. l. 4., et vol. 28., lege — et vol. 20. = Ibid: sub *Tr: maritimo* n. 10. l. 3. Scheutz:, lege — Scheuchz: = P. 116. sub *H. maritimo* n. 3. With: bol:, lege — With: bot: = P. 120. sub *L. perenne* n. 1. l. 6. All: n. 2182., lege — n. 2185. = P. 123. Rotbollia n. XXX., lege — Rottbollia. = P. 125. sub *Ps: nardoides* l. 2. *Asperula nardiformis*, lege — *Asprella nardiformis.* = P. 126. sub *L. racemosa* l. 4., vol. 13. t. 11., lege — vol. 13. t. 10. — P. 129. l. 3., acerata, lege — accreta. = P. 142. sub *M. multifloro* n. 4. l. 10. post *delle Mele*, adde — Bertol: l. c. p. 387. = P. 149. post *Sorghum vulgare*, adde:

✻? 3. *S. saccharatum* = Spr: syst: I. 292. ex Pers: (*Ind:* orient: *Pedem: Druent*, *Ciliano* sec: Re ined:). Plantam non vidi: an aliud gramen? Sub allato nomine non invenio enumeratam ab aliis Botanicis nostratibus.

P. 151. Anthoxanthum n. XLIV. in *obs:* l. pen: *Hierocloam* Gaud:, lege — *Hicrochloam* Gand: = P. 153. sub *Cr: aculeata* n. 2. l. antepen:, 2-4-phylla involucrata, lege — 2-4-phyllo-involucrata. = P. 169. l. 2., fl: tor: I. p. 52., lege — p. 53. = P. 187. in *obs:* l. 8-9., exornant, magnitudine, pulchritudine et copia versus polos, lege — exornant magnitudine pulchritudine et copia; versus polos. = P. 188. l. 3. Nees d'Esenl:, lege — Nees d'Esenb: = P. 202. l. 5., foliiformes, lege — filiformes. = P. 203. sub *Asplenio Filix fœmina* l. ult: *P. olites*, lege — *P. Otites.* = P. 205. n. 13. *A. condrophyllum*, lege — *A. chondrophyllum.* = P. 225. l. 7. ante), adde — Omnes sub *Acrosticho.* = P. 245. ad *Notarisiam lycopodioideam* n. 1., adde syn: — *Jungermannia Berteroana* Hook: bot: misc: tom: II. p. 148. et Montagne prodr: fl: Fernandez: in Ann: sc: nat: Juin 1835. p. 20. n. 131.

Obs: Cl: Hook: observat in hac planta, quam refert ad sect: *Aligerarum*, surcula fœminea nondum comperta fuisse, ac lobos foliorum præsertim superiorum fovere *antheras* maximas seminibus Filicum pedicello annuloque elastico præditis sub-similes. Post hæc attento examini rursum subjeci plurima specim: a Bertero missa, et mihi visum fuit corpuscula quæ cl: Hook: habuit pro *antheris* esse veras capsulas stipitatas pulvere farinaceo (an *semina?*) repletas, quæ omnia multoties adaucta ope microscopii delineata fuerunt a Filia in cit: ic: Ceterum etsi stirps

hæc habitu ad *Jungermannias* præsertim caulescentes accedit, attamen indoles et situs fructificationis ad *Lycoperdiaceas* potius illam pertinere suadent.

P. 260. l. 3. in fine, adde — Cons: insuper eorumdem Auctorum recentissimam dissertationem, cui titulus *Pugillus Muscorum Italiæ novorum vel minus cognitorum* lectam R. Acad: scient: Taurin: die 8. Januar: 1837., ubi 30. species describunt, inter quas tamquam novas recensent *Anictangium sciuroides*, *Bartramia rigida*, *Didymodon anomodom*, *D. tricolor*, *Encalypta microstoma*, *Grimmia procera*, et *Gymnostomum ericetorum*. Vide demum *Elenco dei Muschi raccolti nei contorni di Torino da* Domenico Lisa, *Torino* 1837. *Stamp: Reale.* = P. 264. ad *P. undulatum* n. 11. l. 8., fl: tor: II. p. 159., lege — fl: tor: II. p. 213. sub *Polytricho*. Biroli fl: acon: II. p. 159. sub *Bryo.* = P. 267. sub *B. fontana* n. 5. l. 12., nervo excurrente capsula, lege — nervo excurrente, capsula etc. = P. 268. post *F. Fontanesii* n. 2., adde:

❋ 3. *F. Muhlenbergii* = Turn: = Spr: syst: IV. 216. (Agro *Taurin*: locis apricis collium Lisa el: p. 53.). Variat multimode.

P. 272. l. antepen:, flores musculi, lege — flores masculi. = P. 273. ad *Br: androgenum* n. 2., adde — Cl: Lisa el: p. 61. dubitat speciem a Re citatam esse flores masculos *Tetraphidis pellucidæ*. = P. 278. l. 14. Brid: l. c. p. 682., lege — p. 683. = P. 280. ad *Br: erythrocarpon* n. 15., adde — *Br: erythrocarpon* Brid: (*Br: atropurpureum* Web: et Mohr) crescit etiam in agro *Taurin*: locis humidis trans *le Tavernette* sec: Lisa el: p. 57. = P. 285. sub Daltonia n. X. l. 5. *Hawsoniæ*, lege — *Harrisoniæ*. = P. 287. ad calcem *Anomodontis*, adde:

❋ 4. *A. nervosum?* Lisa el: p. 37. (Ad arbores in sylvis *della Mandria*).

P. 288. ad *N. crispam* n. 2. l. 8. *Eumeriæ*, lege — *Eumeniæ*. = P. 290. ad calcem *F. antipyreticæ* n. 1., adde — *F. squamosam* enumerat Biroli fl: acon: II. p. 155. tamquam a D. Carestia collectam in aquis fluentibus circa *Scopa*, sed vereor ipsam pertinere ad var: β *F. antipyreticæ* supra memoratam. = P. 302. ad *H. tenellum* n. 16., adde — ❋ (Repertum etiam in agro *Taurin*: supra saxa secus *il Sangone*, secus *Duriam* prope *Planitiam*, et ad muros montis *Capucinorum* Lisa el: p. 42.). = P. 310. ad *H. cuspidatum* n. 34., adde — Var: speciosam foliis *imbricato-distichis* reperit Lisa circa fontes ad ripam *Padi*

prope *la Molinetta* (Lisa el: p. 47.). = P. 311. ad *H. stellatum* n. 36., adde — *H. polymorphum* Hedw: repertum a Lisa supra muros vetustos castri *di Pianezza* (el: p. 47.) est mera var: *H. stellati.* = P. 317. post *H. filicinum*, adde:

❋ 49. bis. *H. fluviatile* = Hedw: sp: p. 277. t. 71. f. 4. = Spr: syst: IV. 204. (In agro *Taurin*: circa fontes Lisa el: p. 51.). Ab *H. filicino* distinguitur foliis *ovato-acuminatis* integris.

P. 318. ad *H. aduncum* n. 53., adde — *H. aduncum* a cl: Re citatum pertinet ad *H. commutatum* sec: Lisa el: p. 50. = P. 320. ad calcem *H. cupressiformis* n. 57., adde — inter quas recensetur a Lisa *H. cupressiforme suffocatum* Bretiss: in sylvis *di Stupinigi* frequens (el: p. 50.). = P. 326. post *obs*: ad *Tortulam*, adde — Circa *Tortulas* italicas vide *Specimen de Tortulis italicis* auctore J. De-Notaris in act: R. Acad. Sc: Taurin: ined:, lectum die 8 Januar: 1837. ubi, *Syntrichia*, *Barbula*, et *Tortula* conjunctis, uti ipse feci, 31. italicas stirpes, inter quas nonnullas novas in 9. sectiones divisas, concinne describit. = P. 332. ad calcem generis *Tortulæ* adde seqq: ex Denot:

A *Rurales* Sect: I.

14. *T. Princeps* = Denot: l. c. n. 1. (Ad truncos arborum et ad rupes in *Sardin*:).

❋ 15. *T. ruralis virescens* = Denot: l. c. n. 3. (Ad truncos arborum præsertim Populorum et Ulmorum in *Ital*: superioris planitiebus frequentissima).

❋ 16. *T. muralis alpina* = Denot: l. c. n. 4. (In *M. Cenis*: ad rupes ex Bonjean).

17. *T. crinita* = Denot: l. c. n. 5. = *Syntrichia intermedia* Brid: bryol: I. p. 586.? (Ad arborum truncos in sylvis montanis *Sardin*:).

18. *T. lævipila* = Denot: l. c. n. 6. ex Schwægr: suppl: 2. 1. p. 66. t. 120. (Ad truncos Olearum in cultis *Sardin*:).

B *Subulatæ* Sect: II.

❋ 19. *T. inermis* = Denot: l. c. ex Montagn: in Arch: de Bot: I. p. 136. t. 4. f. 4. ❋ (In *Apennino* supra *Genuam*).

C *Cæspitosæ* Sect: III.

20. *T. spathulæfolia* = Denot: l. c. n. 10. (In montanis circa *Tempio* in *Sardin*: centrali). Species nova.

21. *T. cæspitosa* = Denot: l. c. n. 11. ex Hook: et Grevill: monogr: n. 17. (Ad vias circa *Iglesias*, ad rupes prope *Laconi*).

22. *T. Vahliana* = Denot: l. c. n. 12. = Sub *Barbula* Schult: recens: p. 222. t. 34. f. 31. (Ad margines viarum et ad fossas circa *Cagliari*).

D *Piliferæ* Sect: IV.

23. *T. canescens* = Denot: l. c. n. 13. ex Montagn: in Arch: de Bot: I. p. 133. t. 4. f. 3. (In pascuis, ad margines rivulorum et ad rupes in umbrosis *Sardin*: austr: vulgaris).

24. *T. crassinervia* = Denot: l. c. n. 15. (Ad margines agrorum et in collibus ad vias circa *Calarim* vulgo). Species nova.

25. *T. bifrons* = Denot: l. c. n. 17. (Ad muros agrorum in *Sardin*: circa *Calarim*). Species nova.

E *Convolutæ* Sect: VII.

26. *T. Hornscheschiana* = Denot: l. c. n. 23. = Sub *Barbula* Schult: recens: p. 217. t. 33. f. 25. (In pascuis *Sardin*:).

F *Fallaces* Sect: VIII.

❋ 27. *T. gracilis* = Denot: l. c. n. 24. ex Hook: et Grev: monogr: n. 31. = Sub *Barbula* Schwægr: suppl: 1. 1. p. 125. t. 34. (In *M. Cenis*: ex Bonjean).

28. *T. fallax stricta* = Denot: l. c. n. 26. = Sub *Barbula* Schult: recens: p. 212. t. 33. f. 21. C (Ad margines viarum circa *Cagliari* et in *Sardin*: super: frequens).

29. *T. fallax vinealis* = Denot: l. c. n. 27. = Sub *Barbula* Brid: bryol: I. p. 830. (In *Sardin*: austr: et septentr:).

30. *T. insulana* = Denot: l. c. n. 28. (In montanis *Sardin*: circa *Tempio*). Species nova.

G *Tortuosæ* Sect: IX.

❋ 31. *T. squarrosa* = Denot: l. c. n. 29. (In pascuis *Sardin*: meridion: Denot: Agro *Taurin*: in pascuis declivibus *della Molinetta* Lisa el: p. 34.). Species nova.

P. 335. inter *D. rigidulum* et *trifarium*, adde:

❋ 9. bis. *D. tophaceus* = Lisa el: p. 31. = Sub *Trichostomo* Brid: (In collibus *Taurin*: inter *l'Eremo* et *Pino* Lisa l. c.).

P. 338. sub *Dicrano taxifolio* n. 2. l. 2. post sub *Hypno*, adde — In udis collium Re fl: tor: II. p. 211. sub *Fissidente*. = Ibid:

ad *D. adianthoides* n. 3., adde — Speciosam var: foliis *undulatis* invenit Lisa circa fontem prope *la Molinetta* (*D. adianthoides undulatum* Lisa el: p. 28.). Huc videtur quoque pertinere D. Bonjeani Denot: descriptum a Lisa in el: p. 29., quod ipse asserit ludere inter *D. undulatum* Turn: et *spurium* Hedw: = P. 347. l. 1., fusca viridia, lege — fusco-viridia. = Ibid:, calyptra tuto, lege — calyptra tecto. = P. 348. ad *W. nigritam* n. 6. l. 2. *Caroscopio*, lege — *Catoscopio*. = P. 352. post *E. vulgarem* n. 1., adde:

❋ 1. bis. *E. streptocarpa* = Hedw: = Spr: syst: IV. 152. (Agro *Taurin*: locis humidis trans *la Praglia di Pianezza* non frequens Lisa el: p. 22.).

P. 355. sub *Tr*: *canescente* n. 1. l. antepen:, productionem canum, lege — canam. = P. 357. sub *Tr*: *protenso* n. 7. l. 3., bryol: musc:, lege — bryol: univ: = P. 361. post *Gr*: *tricophyllam* n. 8., adde:

❋ 8. bis. *Gr: Lisæ* = Denot: spicil: n. 30. (In rupibus collium inter *la Maddalena* et *Revigliasco* Lisa el: p. 24.). Stirps media inter *Gr*: *tricophyllam* et *nutantem*.

P. 362. *Grimmia leucophaca* n. 10., lege — *leucophæa*. = P. 365. ad *O. affine* n. 4., adde — *O. affine* var: γ (*O. obtusifolium* Schrad:) inventum fuit in agro *Taurin*: ad Populorum truncos prope *Colegno* et in collibus prope vineam *Righini* Lisa el: p. 21. *O. tenellum* Bruch: ibi enumeratum est *O. affine* var: altera. = P. 366. ad *O. pumilum* n. 5., adde — ❋ (Frequens ad truncos Æsculi Hippocastani in H. B. T. Lisa el: p. 20.). = P. 369. sub *Spl*: *ampullaceo* n. 1. l. pen:, ipsæ, lege — ipsius. = P. 370. *Sph: Frochlichianum* n. 3., lege — *Sph: Froehlichianum*. = P. 373. ad *A. ciliatum* n. 1., adde — Var: *concolor* frequens in rupibus inter *Planitiam* et *Alpinianum* Lisa el: p. 14. = P. 375. ad *G. truncatulum* n. 4., adde — Speciosa var: operculo *conico-apiculato*, crescit in terra sec: viam inter *Venariam* et *la Mandria*, monente Lisa el: p. 16. sub *G. truncato brevirostri*. *G. intermedium* quod ibidem enumeravi tamquam *truncati* var: distinguitur a Lisa l. c. et crescit etiam in agro *Taurin*: ad marginem viarum. = P. 376. ad *G. conicum* n. 6., adde — ❋ (*Pedem*: in agris incultis prope *Sturam* Lisa el: p. 17.). = P. 378. post *G. variegatum* n. 13., adde:

❋ 14. *G. minutulum* = Schwægr: = Brid: bryol: germ: I. p. 123. t. 9. f. 2. = Spr: syst: IV. 143. (*Pedem*: frequens in pascuis *della Cittadella* Lisa el: p. 17.).

❋ 15. *G. tetragonum* = Spr: syst: IV. 143. = Sub *Pyramidio* Lisa el: p. 17. ex Brid: bryol: univ: I. p. 108. (*Pedem*: rarum in agris inter *le Maddalene* et *la Stura* Lisa l. c.).

P. 376. l. 1. effacta, lege — effacta. = P. 381. post *Ph: serratum* n. 1., adde:

❋ 1. bis. *Ph: heterophyllum* = Lisa el: p. 1. ex Denot: (In pascuis humidis *M. Musiné*).

P. 382. ad *Ph: rectum* n. 6. pro loco, adde — ❋ (*Pedem*: in agris *delle Tavernette* Lisa el: p. 12.). = P. 383. ad *Ph: muticum* n. 9. pro loco, adde — ❋ (*Pedem*: in pascuis humidis inter *Planitiam* et *Alpignano*, in agris *Stupinixii* alibique Lisa el: p. 11.). = Ibid: post *Ph: muticum*, adde stirpes seqq:

❋ 10. *Ph: alternifolium* = Dicks: crypt: brit: II. p. 2. t. 1. f. 2. = Spr: syst: IV. 142. (*Pedem:* vere commune in nemoribus *della Mandria* Lisa el: p. 10.).

❋ 11. *Ph: Florkeanum* = Web: et Mohr: = Spr: l. c. 140. = Brid: bryol: germ: I. p. 52. t. 5. f. 10. (*Pedem*: in agris prope *Aug: Taurin:*, in H. B. T., in collibus Lisa el: p. 10.).

❋ 12. *Ph: patens* = Hedw: = Brid: bryol: univ: I. p. 33. = Spr: l. c. 142. (*Pedem*: in pratis prope *Aug: Taurin:* Lisa el: p. 11.).

❋ 13. *Ph: bryoides* = Dicks: crypt: brit: IV. p. 3. t. 10. f. 3. = Spr: l. c. 142. (*Pedem*: in agris inter *il Valentino* et *la Molinetta* cum var: *Ph: bryoides minus* Denot: Lisa el: p. 12.).

P. 387. in *obs:* l. 5., plana, lege — plani. = P. 389. in *obs:* l. 6., instructæ vel sæpius, lege — instructæ; vel sæpius. = P. 392. sub *J. ciliari* n. 9. l. 5., altus, lege — altos. = P. 399. sub *J. furcata* n. 29. l. 4. *Metzyeria*, lege — *Metzgeria*. = P. 409. sub *R. pyramidata* n. 1. l. 4. Schweed:, lege — Scmied: = P. 414. l. ult: ante Ord: CCI. post optime merito, adde — nec non nuperrime a sollertissimo Huguen: quæ hic in addend: enumerabo. = P. 417. sub Porophora n. III. l. 3. *Thelotremæ*, lege — *Thelostrematis*. = Ibid: ad *P. pertusam* l. ult:, adde — Habeo etiam ex *Chambery* ab Huguen: sub nomine *Pertusariæ communis* et *Porophoræ communis*. = P. 419. sub *V. olivacea* n. 3. l. antepen: *Lichen analyptus*, lege — *analeptus*. = P. 420. sub *V. umbrina* n. 5. l. ult: *V. mucoso*, lege *V. mucosa*. = P. 426. sub Lecidea n. II. l. 3. *Platellariæ*, lege — *Patellariæ*. = P. 430. ad *L. lapicidam* n. 12. in fine, adde — Huc pertinet quoque sec: Spr: l. c. *L. contigua* Flork:, quam habeo ab Huguen: ex

Sabaud:; crusta in hac fusco-ænea et fere nigra. = P. 432. ad *L. vesicularem* n. 21. l. 6., in litt:, adde — et specim: ab Huguen: = P. 433. sub *L. lurida* n. 22. l. 6., in litt:, adde — et specim: ab Huguen: ex *Chambery*. = Ibid: sub *L. decipiente* n. 23. l. 11., in litt:, adde — et specim: ab Huguen: ex *Chambery*. = P. 434. sub *L. candida* n. 25. l. 7., in litt:, adde — et specim: ab Huguen: ex *Chambery*. = P. 436. n. 32. *L. spadochova*, lege — *L. spadochroa*. = P. 441. *P. ventosa* n. 8. l. 10., in litt:, adde — et specim: ab Huguen: ex alpibus editioribus sub *Lecanora*. = P. 443. sub *P. polytropa* n. 14., adde — Habeo etiam ex *Sabaud*: ab Huguen: sub *Lecanora Ehrhartiana*. = P. 445. dele *P. candelarem* n. 19. quam vidi ex specim: missis ab Huguen: spectare ad *Leprariam flavam* p. 522. n. 1. = P. 448. sub *Cl: subulata* n. 5. l. 2., p. 540., lege — p. 550. = P. 454. sub *Cl: pyxidata* n. 18., adde — Habeo var: lectam a JC. Berardi ad terram in ericetis prope *Dusin*, in qua scyphi sunt amplissimi læte virentes vix albidiusculo - pulverulenti margine tenuissime dentati. = P. 464. *P. auriculata* n. 6., lege — *P. articulata*. = P. 465. l. 1. *Alcetoria*, lege — *Alectoria*. = P. 490. *P. crythrella* n. 67., lege — *P. erythrella*; et l. 5., suburbina, lege — suburbium. = P. 491. ad *P. parietinam*, adde — Pariter sub *Lecanora cerina* et *citrina* habeo eandem plantam ab Huguen: ex *Chambery*. = P. 492. l. 11., in litt:, adde — et specim: ab Huguen: ex *M. Cenis:* et *Chambery*. = Ibid: ad *P. saxicolam* n. 72. sub *Placodio ochroleuco*, adde — pariterque ab Huguen: sub *Squamaria chrysoleuca*. = P. 493. sub *P. crassa* n. 73. l. 9., sub *Squamaria*, adde — et e *Chambery* specim: ab Huguen: sub ead: = P. 494. *P. alphophlaca* n. 75., lege — *alphoplæa;* et l. 4., adde — E *M. Cenis*: et alpibus *Sabaud*: misit Huguen: sub *Squamaria*. = P. 495. sub *P. fulgente* n. 78. l. 10., sub *Placodio*, adde — et specim: ab Huguen: ex *Chambery* sub eod: = Ibid: sub *P. gelida* n. 79., adde — Habeo ab Huguen: e *Sabaud:* sub *Squamaria*. = P. 496. sub *P. Lagascæ* n. 82., adde — E *Sabaud*: loco dicto *dent de Nivolet* misit Huguen: sub *Squamaria*. = Ibid: sub *P lentigera* n. 83., adde — E *Chambery* misit Huguen: sub ead: = P. 497. sub *P. Smithii* n. 84., adde — Habeo e *Chambery* ab Huguen: sub ead: = P. 498. sub *P. atra* n. 86., adde — Habeo e *Chambery* ab Huguen: sub *Lecanora*. = Ibid: ad *P. scruposam* n. 87. l. 9., adde — Habeo ab Huguen: e montibus *Sabaud:* ad terram sub *Urceolaria scruposa*. = P. 499. sub *P.*

verrucosa n. 89., adde — Habeo a *Sabaud:* loco dicto *dent de Nivolet* ab Huguen: sub *Urceolaria.* = P. 501. sub *P. subfusca* n. 93., adde — Habeo pariter e *Sabaud:* ab Huguen: typum et var: *pallescentem* sub *Lecanora subfusca*, aliasque varr: sub *L. Epibryon* et sub *Thelostrema variolarioide.* = Ibid: post *P. subfuscam*, adde:

❈ 93. bis. *P. varia* = Spr: syst: IV. p. 297. ex Ach: meth: = Sub *Lecanora* Ach: lichen: univ: Sub *Lichene* Ehrh: = *Lichen subfuscus* Engl: bot: t. 2109. non L. (*Eur:* passim ad asseres et ligna. Habeo e *Chambery* ab Huguen: sub *Lecanora*). Crusta granuloso-verrucosa pallide virescens, apothecia conferta plano-convexa fusco - rufa vel badia margine thallode sub - crenulato. Cons: Spr: l. c. pro syn:

P. 503. ad *P. Glaucomam* n. 98. l. ult: *Lichen rupicula*, lege — *rupicola.* = P. 503. post *P. Glaucomam*, adde:

❈ 98. bis. *P. Swartzii* = Spr: syst: IV. 298. ex Ach: meth: ? = Sub *Lichene* Ach: in act: Holm: Sub *Lecanora* Ach: lichen: univ: *L. rhagadiosa* Ach: var: *Urceolaria scabra* Pers: sec: Steud: (*Eur:* ad rupes. Habeo ab Huguen: e *Chambery* sub *Urceolaria scabra*). Fide Steud: pro syn: refero *P. Swartzii* ad *Urceolariam scabram* sub qua missa fuit ab Huguen:, etsi paullulum differat præsertim apotheciorum colore nigrescente nec glaucescente.

P. 504. sub *P. Villarsii* n. 100., adde — Habeo e monte *S. Hugon* in *Sabaud:* ab Huguen: sub *Placodio ocellato.* = Ibid: sub *P. galactina* n. 102. in fine, adde — Eandemque habeo ab Huguen: e *Chambery* sub *Lecanora.* = P. 505. sub *P. parella* n. 105., adde — Habeo e *Chambery* ab Huguen: var: *pallescentem* sub *Lecanora.* = P. 506. post *P. parellam*, adde:

❈ 105. bis. *P. Turneri* = Spr: syst: IV. 300. ex Ach: meth: = Sub *Lecanora* Ach: lichen: univ: = Sub *Lichene* Engl: bot: t. 857. (Ad arbores vetustas. Habeo e *Chambery* ab Huguen:). Crusta effusa nivea farinosa, apothecia concava crassa pallide carnea pulverulenta margine thallode tumido.

P. 507. sub *P. tartarea* n. 109., adde — Habeo ab Huguen: e *Chambery* sub *Lecanora.* = Ibid: ad *P. marmoream* n. 110., adde — Habeo pariter ab Huguen: e *Chambery* loco dicto *aux Charmettes* sub *Lecanora cupulari* Duby. = P. 512. *P. aphrosa* n. 3., lege — *P. aphtosa.* = P. 517. Calicium n. II. l. 4. *Maziedatas*, lege — *Mazediatas.* = P. 521. ad *Sp: rubrum* n. 1., adde — Habeo e *Sabaud:* ab Huguen: sub *Coniocarpo cinnaba-*

rino. = P. 522. ad *L. flavam* n. 1., adde — Habeo ab Huguen: ex *Sabaud:* sub *Lepra* cum duabus seqq: = P. 526. ad *F. linearem* n. 3., adde — Planta All: ex syn: Huds: forsan pertinet ad var: *F. vesiculosi* n. 1. sec: Steud: = P. 532. sub *Z. plantaginea* n. 1. in fine pro *Laminaria debili*, adde — Grev: crypt: fl: t. 277. *Z. plantaginea* Ach: est *L. debilis* var: *β dictyotoides* Duby bot: gall: p. 940. = P. 536. l. 1. *mucoides*, lege — *muscoides.* = P. 538. l. 8. *Cystosita*, lege — *Cystosira*; et l. 11. *Halliseris*, lege — *Haliseris.* = P. 545. *Sph: Thecdii* n. 7., lege — *Sph: Teedii.* = Ibid: l. ult: *Geladium*, lege — *Gelidium.* = P. 548. sub *Sph: Griffithiæ* l. 6. *Tiguliorne*, lege — *Tiguliorum.* = P. 551. sub Rhodomela n. VI. l. 2. *Odontheliæ*, lege — *Odonthaliæ.* = P. 554. *P. lumbricalis* n. 1., lege — ❀ 1. *P. lumbricalis.* = P. 561. l. ult: *Scytotiphon*, lege — *Scytosiphon.* = P. 570. sub *C. Lino* n. 8. l. antepen: Raching:, lege — Ruching: = P. 575. in *obs:* l. 6., et eorum, lege — ob eorum. = P. 576. sub Oscillatoria n. I. l. 3. *Lynbiæ*, lege — *Lyngbyæ.* = P. 581. sub Codio n. V. l. 2. *Myssidii*, lege — *Myosidii.* = Ibid: sub *C. tomentoso* n. 2. l. 2., ner: bot:, lege — ner: brit: = P. 590. sub *B. moniliformi* n. 2. l. 2., Spr: syst: IV. 269., lege — 369. = P. 601. in ind: *Hemarthoia*, lege — *Hemarthria.*

AD VOL. VII.

P. 1. l. 3. Lund: 1821., adde — 1822. - 23. - 29. - 32. = P. 5. l. 11., omissus a Fries, dele — a Fries. = P. 6. *A. urceolatus* n. 4., dele hanc speciem, et illam vide sub p. 69. n. 192. = P. 18. sub *A. alutaceo* n. 41. l. pen:, dele a Fries. = P. 30. sub *A. coccineo* n. 76. l. ult:, sed de utroque etc., dele, et lege — De hoc syn: silet Spr:; sec: Fries in ind: pertinet ad *A. Adonis.* = P. 31. sub *A. spadiceo* n. 79. in fine, adde — Cons: tamen eundem Fries in ind:, ubi *A. spadiceum* Scop: refert ad *A. stipatum* var: a. = Ibid: sub *A. laccato* n. 80. l. 15. *yooides*, lege — *yoides.* = P. 32. l. 3. post Steud:, adde — et demum Friesio in ind: = P. 33. sub *A. radicato* n. 86. l. 3. *macrurus*, lege — *macrourus.* = P. 35. n. 91. *A. canthopus*, lege — *A. xanthopus.* = P. 36. n. 97. *A. planeus*, lege — *A. plancus.* = P. 40. sub *A. galericulato* n. 107. l. pen:, a Fries

omissum, lege — a Fries in ind: ad *A. epipterygium* amandatum. = P. 45. l. 4. *A. umbiliferus*, lege — *A. umbelliferus.* = P. 46. l. 15. *sub-suberosus*, lege — *sub-suberoso;* et l. 16. Lentiscyphis, lege — Lentiscyphi. = P. 59. sub *A. decipiente* n. 166. l. 3., ex All:, lege — sec: All: = P. 65. ad *A. furfuraceum* n. 182. l. 1., adde — Fries l. c. p. 262. = P. 67. sub *A. involuto* n. 188. circa synon: *A. lateralis* Schæff:, adde — Demum a cl: Fries in ind: amandatus etiam ad *A. involutum.* = P. 68. ad *A. olearium* n. 189. in fine, adde — Circa phosphorescentiam hujusce stirpis cons: eximii Delile opusculum sub titulo *Nouvel examen de la phosphorence de l'Agaric de l'Olivier*, *Montpellier*, 1837., ubi experimentis probavit phosphoricæ lucis præsentiam nocte tantum et in solis lamellis sporidiiferis fructificationis tempore, non in sporidiis ab illis disjunctis apparere. = P. 68. ad *A. mollem* n. 190. in fine, adde — V. supra n. 49. = P. 69. l. 15. *A. Volvana*, lege — *A. Volvaria.* = P. 79. l. 7. *A. locerum* Schæff: a Fries et Spr:, lege — *A. lacerum* Schæff: a Spr: = P. 82. sub *A. brevipede* n. 225. l. 2. a Fries, adde — in text:, ad *A. humilem* amandatus in ind:; omissus pariter a Spr: = Ibid: sub *A. brunneo* l. pen: *A. brunneus* Fries, dele — Fries, et l. seq: ac lege — Schæff: pertinet ad *A. collosum* sec: Fries in ind: = P. 83. ad *A. coccineum* in fine, adde — *A. coccineus* Scop: amandatur a Fries in ind: ad *A. Adonis.* = P. 84. l. pen: *A. coperatus*, lege — *A. caperatus.* = P. 85. sub *A. nitente* in fine, adde — *A. nitens* de quo hic agitur facile ad *A. eburneum* pertinet monente Fries in ind: = P. 93. *C. bryophylus* n. 14. lege — *C. bryophilus.* = P. 95. sub *D. bienni* l. pen: *Sisoctrema*, lege — *Sistotrema.* = P. 97. sub *D. unicolore* l. pen: *Sisostrema*, lege — *Sistotrema.* = P. 106. *P. famosus* n. 22., lege — *P. fumosus.* = P. 107. l. ult: *Hypnum*, lege — *Hydnum.* = P. 109. sub *P. fomentario* l. 3. *B. angulatus* Bull: t. 492., lege — *B. ungulatus* Bull: t. 493. = P. 113. sub *B. lurido* n. 5. l. 3. et 8. *B. tabeolarius*, lege — *B. rubeolarius.* = P. 114. sub *B. castaneo* l. 3. sc:, lege — in. = P. 117. sub *B. abietino* n. 13. in fine, adde — Ad *Polyporum stercoideum* hanc speciem amandat Fries in ind: = P. 118. *B. scobinaceus* n. 18., lege — *B. scrobinaceus;* et in fine adde — *Polyporus Pes Capræ* sec: Fries in ind: = Ibid: ad *B. strobiliformem* n. 19. in fine, adde — *B. strobilaceus* sec: Fries in ind: = P. 126. *H. Barba Jovis* n. 21. Bull: t. 480., lege — 481. = Ibid: sub *H. fimbriato* l. 2., 422.,

lege — 421. = P. 127. sub *S. confluente* l. 2. post syn: Bull:, adde — Spr: l. l. 479. sub eod: = P. 134. l. 6., rapidæ, lege — sapidæ. = P. 155. l. 4., sub-stipitacea, lege — sub-stipitata. = P. 157. sub *P. carbonaria* n. 13. l. 1., musc:, lege — myc: = P. 179. sub Bulgaria l. 6. *Vulva* tenuissima fugax, lege — *Velum* tenuissimum fugax. = P. 180. l. 2., eximia, lege — eximie. = P. 182. l. pen:, exteriere, lege — exteriore. = P. 202. *Sp: clavus* n. 1., lege — *Sp: Clavus.* = Ibid: sub Erysiphe ad *obs*: l. 2., peridicium, lege — peridium. = P. 218. Sphærolobus n. VII., lege — Sphærobolus. = P. 219. Sphæria l. 1. *Sphærinæ*, lege — *Sphæriæ.* = P. 235. *Sph: Kuntzei* n. 51., lege — *Sph: Kunzei.* = P. 237. sub *Sph: ambiente* n. 60. l. 2. Walh:, lege — Wahlb: = P. 243. sub *Sph: bifronte* l. 1. Kuntz:, lege — Kunz: = P. 246. *Sph: Pezizæ* n. 95., lege — *Sph: Peziza.* = P. 356. l. 6. *Phragmidiam*, lege — *Phragmidium.* = P. 359. sub *P. Avicularіæ* n. 11. l. 3., avicularіo, lege — aviculari. = P. 364. l. 1. sub *Dicacoma*, lege — sub *Dicacomate.* = Ibid: l. 9. Fries syst: myc: III. p. 515., lege — p. 514. = P. 371. l. antepen: Re fl: tor: II. p. 267., lege — p. 278., et l. pen: p. 257., lege — 247. = P. 373. l. 6. fl: tor: p. 280., lege — fl: tor: II. p. 280. = P. 374. l. 4. Re fl: tor: II. p. 248. sub ead:, lege — p. 279. sub *U. Viciæ Fabæ* Biroli fl: acon: II. p. 248. sub ead: = P. 379. l. pen: sub *Cacoma*, lege — sub *Cacomate.* = P. 381. l. 1., variorum, lege — variarum. = P. 387. sub *Æ. Geranii* n. 23. l. 2. *Uredo hæmisphærica*, lege — *hemisphærica.* = P. 388. sub *Æ. Tussilaginis* l. 4. *Tarfaræ*, lege — *Farfaræ.*

Conspectus Ordinum stirpes in regionibus cismarinis Principis nostri imperio modo subjectis sponte nascentes comprehendentium (a)

Numerus romanus volumen, arabicus primus paginam, arabicus secundus numerum stirpium indicat.

					N. retro . . .			511
Acerineæ	I.	483	5	Caprifoliaceæ .	III.	124	15
Alismaceæ . . .	V.	241	6	Caryophylleæ . .	I.	369	122
Amaranthaceæ .	IV.	583	5	Celastrineæ . . .	II.	10	4
Amaryllideæ . . .	V.	431	10	Ceratophylleæ . .	II.	394	2
Amentaceæ . . .	V.	211	59	Characeæ . . .	VI.	250	5
Ampelideæ . . .	I.	501	1	Chenopodieæ . .	V.	27	36
Apocyneæ . .	IV.	141	3	Cistineæ	I.	255	29
Araliaceæ . .	III.	102	2	Colchicaceæ . . .	V.	352	7
Artocarpeæ . . .	V.	150	1	Compositæ . .	III.	579	381
Asarineæ	V.	100	4	Confervinæ . .	VI.	574	29
Asclepiadeæ . .	IV.	155	3	Coniferæ	V.	228	15
Asphodeleæ . . .	V.	413	65	Coniomycetes .	VII.	341	180
Balsamineæ . . .	I.	527	1	Coniothalami .	VI.	522	11
Berberideæ . . .	I.	93	2	Convolvulaceæ .	IV.	211	11
Borragineæ . .	IV.	259	41	Coriarieæ . . .	I.	560	1
Bryaceæ . . .	VI.	386	249	Corneæ	III.	108	2
Butomeæ	V.	235	1	Crassulaceæ . . .	II.	504	29
Callaceæ	V.	272	4	Cruciferæ	I.	229	136
Campanulaceæ .	IV.	36	48	Cucurbitaceæ . .	II.	443	3
Capparideæ . . .	I.	235	1	Cyperaceæ . . .	V.	563	119
			511				1649

(a) *Vid. præfat. p.* v. *not.* 1. *et p.* vi. *num.* 2.

N. retro . . .			1649
Cytineæ	V.	95	1
Dioscoreæ . . .	V.	332	1
Dipsaceæ . . .	III.	211	21
Droseraceæ . . .	I.	275	4
Ebenaceæ . .	IV.	109	2
Elæagneæ	V.	93	2
Equisetaceæ . .	VI.	256	7
Ericineæ . . .	IV.	90	20
Euphorbiaceæ . .	V.	134	35
Florideæ . . .	VI.	556	32
Frankeniaceæ . .	I.	287	1
Fumariaceæ . . .	I.	116	6
Gasteromycetes .	VII.	207	303
Gentianeæ . .	IV.	181	28
Geraniaceæ . . .	I.	522	23
Globulariæ . .	IV.	545	5
Gramineæ . .	VI.	176	208
Granateæ . . .	II.	364	1
Grossularieæ . .	II.	525	5
Halorageæ . .	II.	392	5
Hepaticæ . . .	VI.	411	40
Hydrocharideæ .	V.	233	1
Hymenomycetes .	VII.	3	593
Hymenothalami .	VI.	515	221
Hypericeæ . . .	I.	468	12
Hyphomycetes .	VII.	312	74
Jasmineæ . .	IV.	126	11
Irideæ . . .	V.	448	19
Juglandeæ . .	V.	167	1
Juncaceæ . . .	V.	480	31
Labiatæ . . .	IV.	486	125
Laurineæ . . .	V.	63	1
Leguminosæ . .	II.	286	233
Lemnaceæ . .	VI.	177	4
Lentibulariæ .	IV.	515	5
Lineæ	I.	377	13
Loranthaceæ . .	III.	112	1
Lycopodiaceæ .	VI.	245	8
			3752

N. retro . . .			3752
Lythrarieæ . .	II.	404	5
Malvaceæ	I.	419	19
Marsileaceæ . .	VI.	185	1
Monotropeæ . .	IV.	92	1
Myrtaceæ . . .	II.	435	1
Najadeæ . . .	V.	255	20
Nymphæaceæ . .	I.	98	2
Onograrieæ . .	II.	389	9
Ophioglosseæ .	VI.	239	2
Orchideæ . . .	V.	328	56
Orobancheæ . .	IV.	383	9
Orontiaceæ . .	V.	265	1
Osmundaceæ .	VI.	236	1
Oxalideæ	I.	534	3
Palmæ	V.	280	1
Papaveraceæ . . .	I.	108	9
Paronychieæ . .	II.	479	14
Philadelpheæ .	II.	414	1
Phycoideæ . .	VI.	538	27
Phytolaceæ . .	V.	31	1
Plantagineæ . .	IV.	568	18
Plumbagineæ .	IV.	554	6
Polygaleæ . . .	I.	281	4
Polygoneæ . .	V.	59	35
Polypodiaceæ .	VI.	231	47
Portulaceæ . .	II.	464	2
Primulaceæ . .	IV.	541	43
Pyrenothalami .	VI.	421	11
Ranunculaceæ . .	I.	75	89
Resedaceæ . .	V.	138	5
Rhamneæ . . .	II.	21	9
Rosaceæ . . .	II.	360	98
Rubiaceæ . . .	II.	178	43
Rutaceæ	I.	554	5
Salviniaceæ . .	VI.	182	1
Santalaceæ . .	V.	90	3
Saxifragaceæ . .	II.	549	27
Scrophularinæ .	IV.	377	110
			4501

	N. retro			4501		N. retro			4569
Smilaceæ	V.	344	13		Typhaceæ	V.	260	6
Solaneæ	IV.	288	11		Ulvaceæ	VI.	588	4
Soleniaceæ	VI.	585	14		Umbelliferæ	III.	97	127
Tamariscinæ	II.	406	2		Urticeæ	V.	162	11
Terebinthaceæ	II.	41	5		Valerianeæ	III.	192	18
Thymeleæ	V.	83	9		Verbenaceæ	IV.	498	3
Tiliaceæ	I.	445	2		Violariæ	I.	272	18
Tremelloideæ	VI.	595	12		Zygophylleæ	I.	540	1
			4569					4757

Obs: I.

In textu hujus voluminis omisi observationes geographicas circa Fungorum ordines, quas hic addo.

Hymenomycetes per orbem sparsi, inclusis speciebus inquirendis ex Fries, circiter 2000

Hymenomycetes pedemont: 593

Et sic quartam partem excedunt.

Gasteromycetes per orbem sparsi ut supra 1157

Gasteromycetes pedemont: 303

Et sic quartam partem circiter constituunt.

Hyphomycetes per orbem sparsi ut supra 314

Hyphomycetes pedemont: 74

Et sic fere quartam partem constituunt.

Coniomycetes per orbem sparsi ut supra 80

Coniomycetes pedemont: 180

Et sic stirpes Friesianas valde superarent, sed observandum a Fries: omissas fuisse species *Septoriæ*, *Pucciniæ*, *Epiteæ*, *Æcidii*, *Uredinis*, *Japhrinæ*, *Erinei*, et *Phyllerii*, eo quod inter vegetabilia et mera exanthemata ambigere videantur.

Obs: II.

Ordines totius regni vegetabilis juxta methodum naturalem in opere receptam sunt 214

In regionibus nostris ex conspectu 132

Desunt igitur : 82

Cui defectui supplere consului modis indicatis in præfatione pag. IV.

Stirpes autem regiones nostras colentes a nobis expositæ in laudatis ordinibus sunt		4757
In addenda et corrigenda		62
In totum		4819
Stirpes enumeratæ ab All: in fl: pedem:	2814	
Ab eod: in auctario	110	
A posterioribus Botanicis circiter	1423	
	4347	4347
Additæ igitur in hoc opere		472

INDEX GENERALIS

Obs. Literis MAJUSCULIS classes et ordines — *MAJORIBUS OBLIQUIS* tribus et sectiones — MAJORIBUS RECTIS genera — minoribus rectis species admissæ — *minoribus obliquis* synonyma conscribuntur.

Numerus primus inter ( ) ad seriem numericam in indice nominum vernaculorum (vol. VIII.) refertur; numero romano volumen, arabicis pagina et series numerica in textu indicantur.

Literæ a. c. signant addenda et corrigenda (vol. VII. p. 393. et seqq.).

B

D

E

G

I J

K

N

O

P

Q

S

T

U

V

W

Z

ALIA ERRATA

AD VOL. VII.

P. 65. *A. geophyllus*, lege — *A. geophilus.*
P. 69. n. 192. *A. urceolatus*, dele speciem jam relatam sub p. 6. n. 4.
P. 84. lin. antipen. *A. incurvatus*, lege — *A. incrustatus.*
P. 86. Post *A. nitidum* Cum:, adde — *A. nitidus* fl: dan: ad quem se se refert Cumino pertinet ad *A. mucidum* Schrad:, monente Steud:, hic enumeratum p. 12. n. 22.
P. 106. *Polyporus famosus* n. 22., lege — *P. fumosus.*
P. 218. *Sprærolobus*, lege — *Sprærobolus.*
P. 222. *Sphæria polymorpha* n. 5., dele speciem jam relatam sub *Clavaria hybrida* p. 142. n. 28.
P. 322. n. VIII. Cladosporina, lege — Cladosporium.
P. 324. Hypherocetes, lege — Hyphomycetes.
P. 341. lin. penult. *langnescentibus*, lege — *languescentibus.*
P. 402. lin. antepen. Dictamum album, lege — *Dictamnum album.*
P. 403. lin. 6. *R. angnstifolium*, lege — *R. angustifoliam.*
P. 426. sub *obs:* ad *Typham trispataceam* lin. 1. spiris, lege — spicis.
P. 429. lin. 5. repetiuntur, lege — reperiuntur.
P. 431. lin. 18. *Hicrochloam* Gand:, lege — *Hieorocloam.* Gaud:
P. 455. in ind. *A. geophyllus*, lege — *geophilus.*
P. 463. *Anacampseros* V. Jalinum, lege — Talinum.
P. 464. *Andrewsia* V. Myoporeum, lege — Myoporum.
P. 478. Bartsia Frixago, lege — Trixago.
P. 488. *Calandrina* V. Jalinum, lege — Talinum.
P. 492. Carduus hamalosus, lege — hamulosus.
P. 499. Cerastium davaricum, lege — davuricum.
P. 501. Cheiranthus *lictoreus*, lege — *litoreus.*
P. 502. *Chlorophytum* V. Spermacoca, lege — Spermacoce.
P. 523. Dracocephalum moldavica, lege — Moldavica.

P. 527. Erica dichras, lege — dichrus.
Ibid. Erica *litniflora*, lege — *lituiflora*.
P. 543. Gomphia Jabatapita, lege — Jabotapita.
P. 547. Helicteres *altæeifolia*, lege — *althææfolia*.
P. 553. Hydnum subquamosum, lege — subsquamosum.
P. 554. Hypericum marylandium, lege — marylandicum.
P. 559. *Isothecium* V. Hysnum, lege — Hypnum.
P. 575. column. 1. lin. 4. Momordia, lege — Momordica.
P. 579. Matthiola parciflora, lege — parviflora.
P. 582. *Merisma fœtidium*, lege — *fœtidum*.
P. 585. Mollia gnafalodes, lege — gnaphalodes.
P. 593. Ornithogalum *eycapum*, lege — *excapum*.
Ibid. Orobus *angussifolius*, lege — *angustifolius*.
P. 606. Pinus *Catarica*, lege — *Tatarica*; idem in textu vol. V. p. 223. n. 3.
P. 609. *Poinciana* V. Casalpinia, lege — Cæsalpinia.
P. 611. Polyporus melanopus, lege — Melanopus.
P. 615. Pteronia Chamæpeuca, lege — Chamepeuce.
P. 618. Ranunculus breyninus, lege — Breynianus.
P. 627. Salvia Selarea, lege — Sclarea.
P. 628. Sauvagesia Adyma, lege — Adina.
P. 632. Sesbana Murtii, lege Martii.

Superiorum permissu

Venit L. **10. 80.**