

www.e-rara.ch

**Icones fungorum omnium hucusque cognitorum ad usum sylloges
saccardianae adcommodatae**

Pyrenomycetes - (Lophiostomaceae et Sphaeriaceae Phaeo- et Hyalophragmiae)

Berlese, Augusto Napoleone

Abellini (Avellino), 1894-1900

ETH-Bibliothek Zürich

Shelf Mark: Rar 3480

Persistent Link: <https://doi.org/10.3931/e-rara-18163>

[Volumen primum, pars prima: Textus.]

www.e-rara.ch

Die Plattform e-rara.ch macht die in Schweizer Bibliotheken vorhandenen Drucke online verfügbar. Das Spektrum reicht von Büchern über Karten bis zu illustrierten Materialien – von den Anfängen des Buchdrucks bis ins 20. Jahrhundert.

e-rara.ch provides online access to rare books available in Swiss libraries. The holdings extend from books and maps to illustrated material – from the beginnings of printing to the 20th century.

e-rara.ch met en ligne des reproductions numériques d'imprimés conservés dans les bibliothèques de Suisse. L'éventail va des livres aux documents iconographiques en passant par les cartes – des débuts de l'imprimerie jusqu'au 20e siècle.

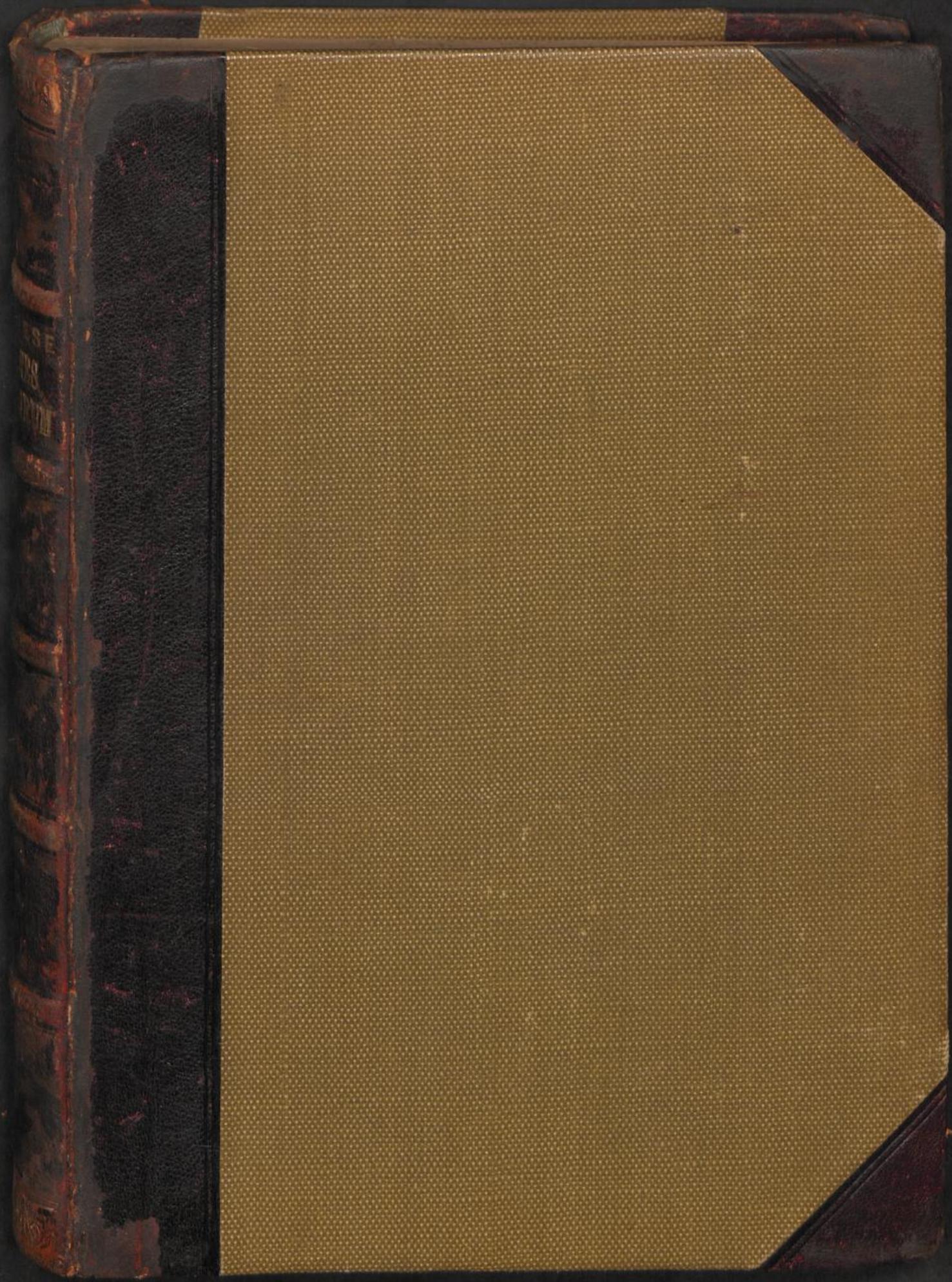
e-rara.ch mette a disposizione in rete le edizioni antiche conservate nelle biblioteche svizzere. La collezione comprende libri, carte geografiche e materiale illustrato che risalgono agli inizi della tipografia fino ad arrivare al XX secolo.

Nutzungsbedingungen Dieses Digitalisat kann kostenfrei heruntergeladen werden. Die Lizenzierungsart und die Nutzungsbedingungen sind individuell zu jedem Dokument in den Titelinformationen angegeben. Für weitere Informationen siehe auch [Link]

Terms of Use This digital copy can be downloaded free of charge. The type of licensing and the terms of use are indicated in the title information for each document individually. For further information please refer to the terms of use on [Link]

Conditions d'utilisation Ce document numérique peut être téléchargé gratuitement. Son statut juridique et ses conditions d'utilisation sont précisés dans sa notice détaillée. Pour de plus amples informations, voir [Link]

Condizioni di utilizzo Questo documento può essere scaricato gratuitamente. Il tipo di licenza e le condizioni di utilizzo sono indicate nella notizia bibliografica del singolo documento. Per ulteriori informazioni vedi anche [Link]

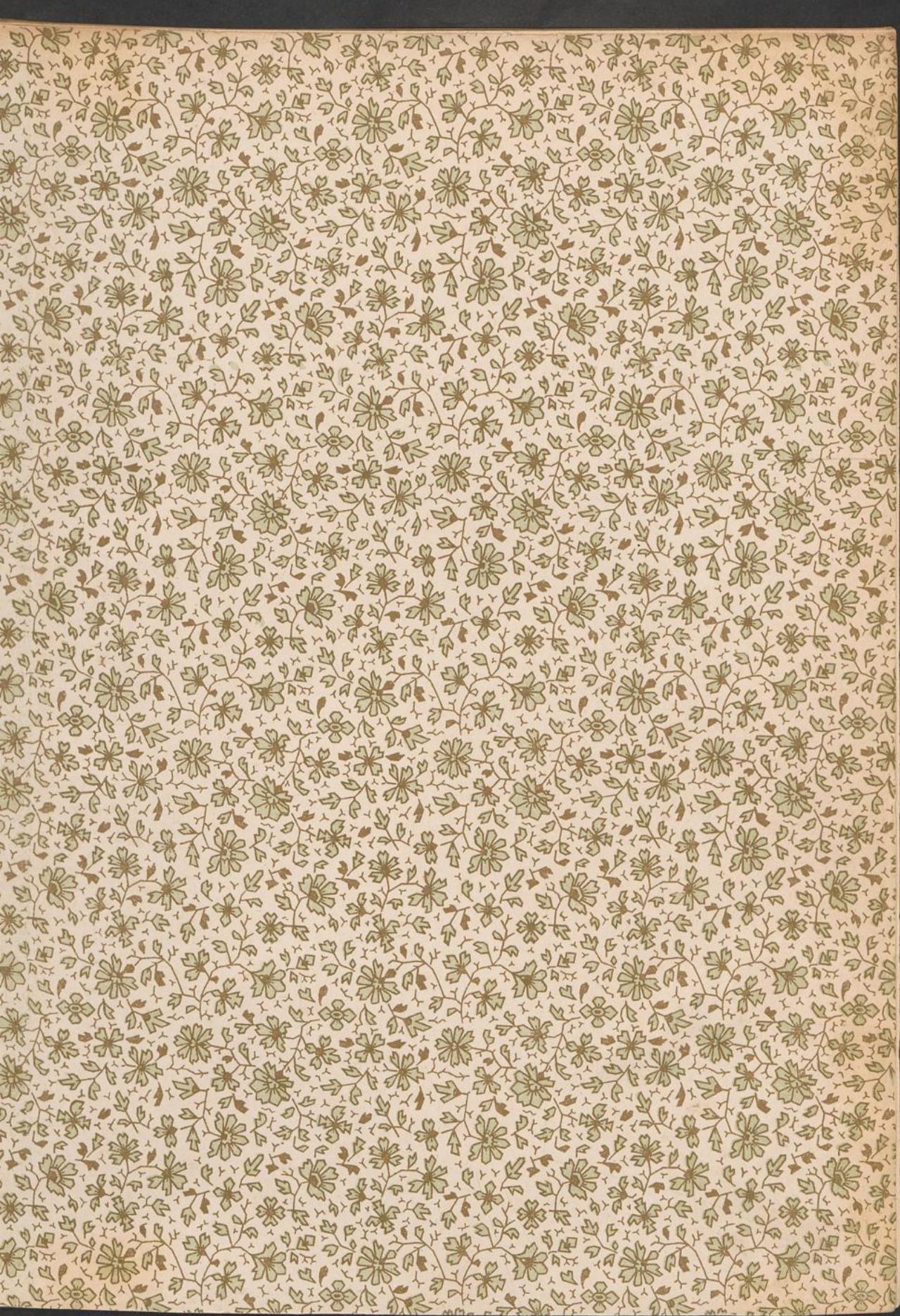


~~H~~

ETHICS GEOSYST

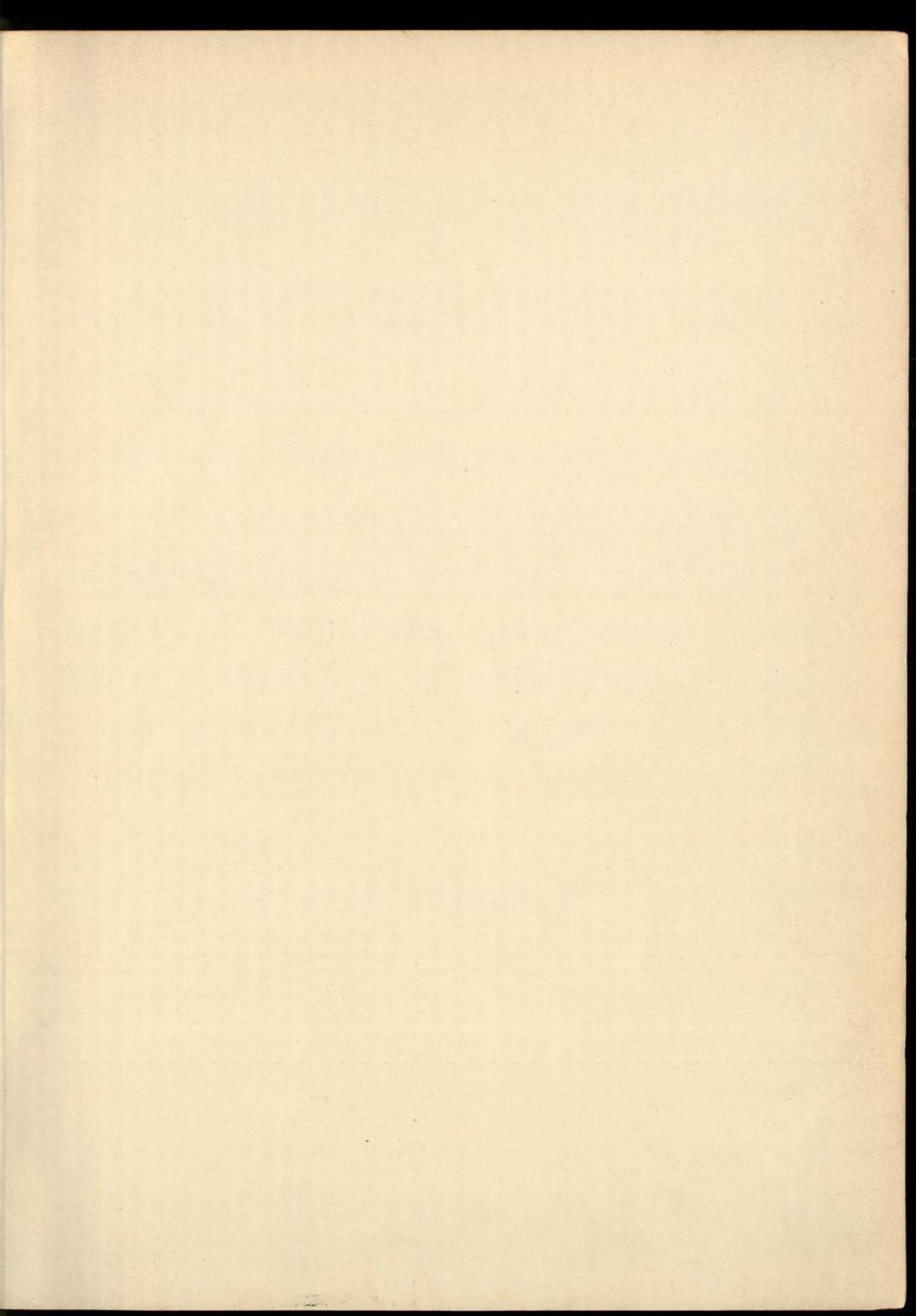


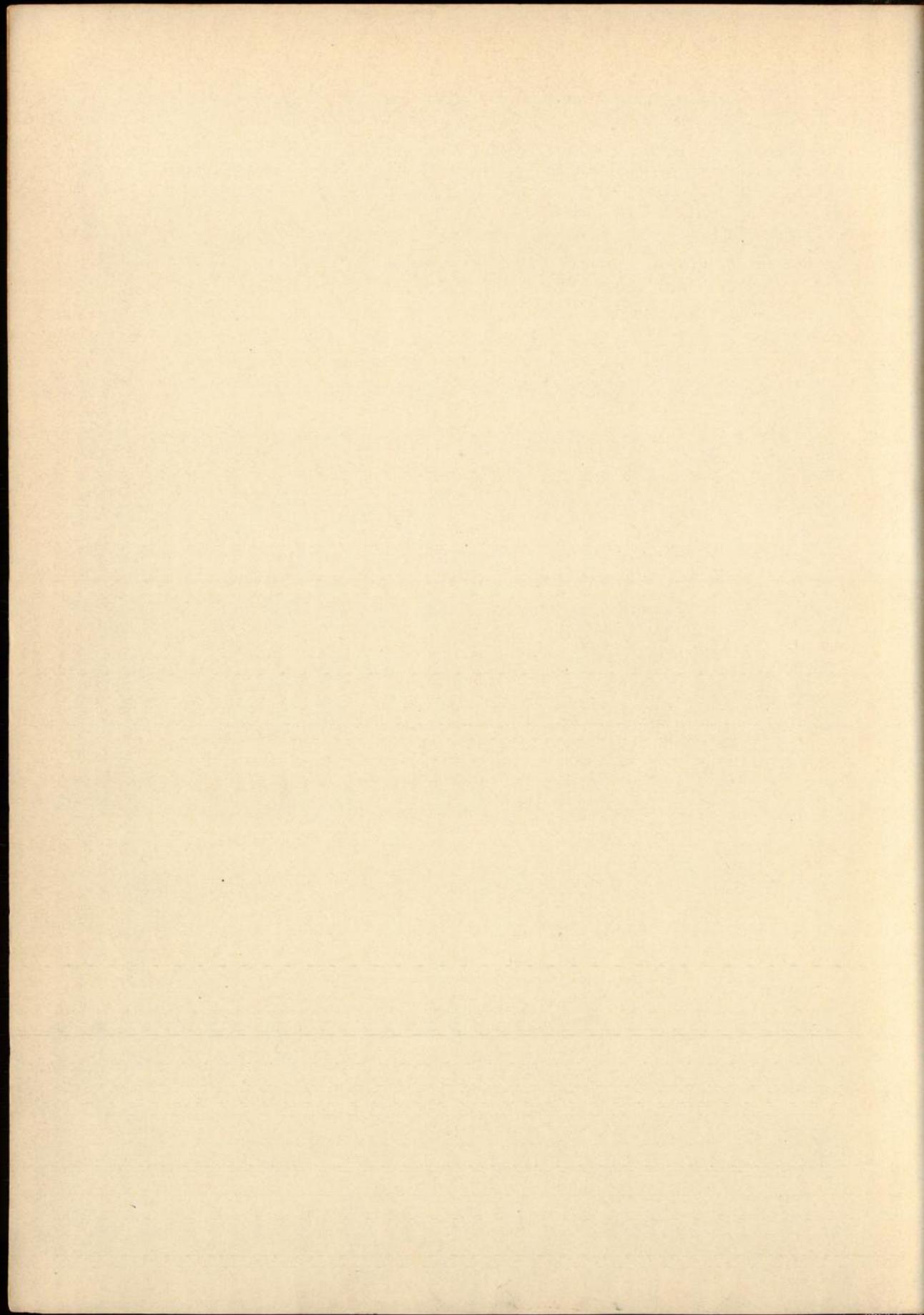
05500003416406



RAR 3480

~~Fl/46~~





ICONES FUNGORUM

OMNIUM HUCUSQUE COGNITORUM

AD USUM

SYLLOGES SACCARDIANAE

ADCOMMODATAE

AUCTORE

A. N. BERLESE

(Opus praemio « Desmazières » Gallici Scientiarum Instituti coronatum)

VOL. I.

PYRENOMYCETES

(*Lophiostomaceae et Sphaeriaceae Phaeo - et Hyalophragmiae*)

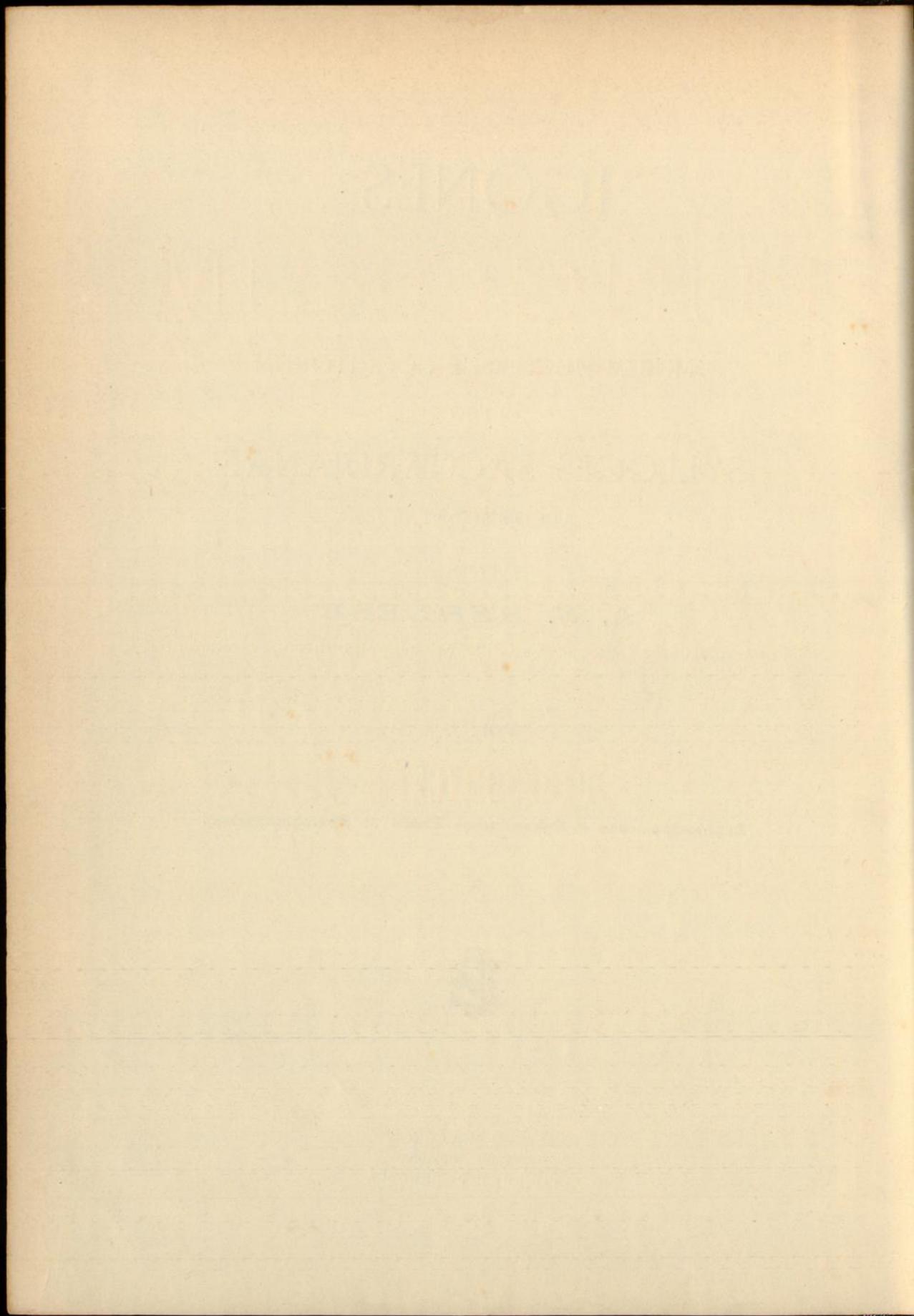


Institut für spezielle Botanik
der Eidgenössischen
Technischen Hochschule
Universitätstrasse 2
Zürich 8

ABELLINI MDCCXCIV

SUMPTIBUS AUCTORIS
TYPIS EDUARDI PERGOLA

K



PROF. P. A. SACCARDO

SYLLOGES AUCTORI

ET

MAGISTRO MEO

GRATISSIMI ANIMI

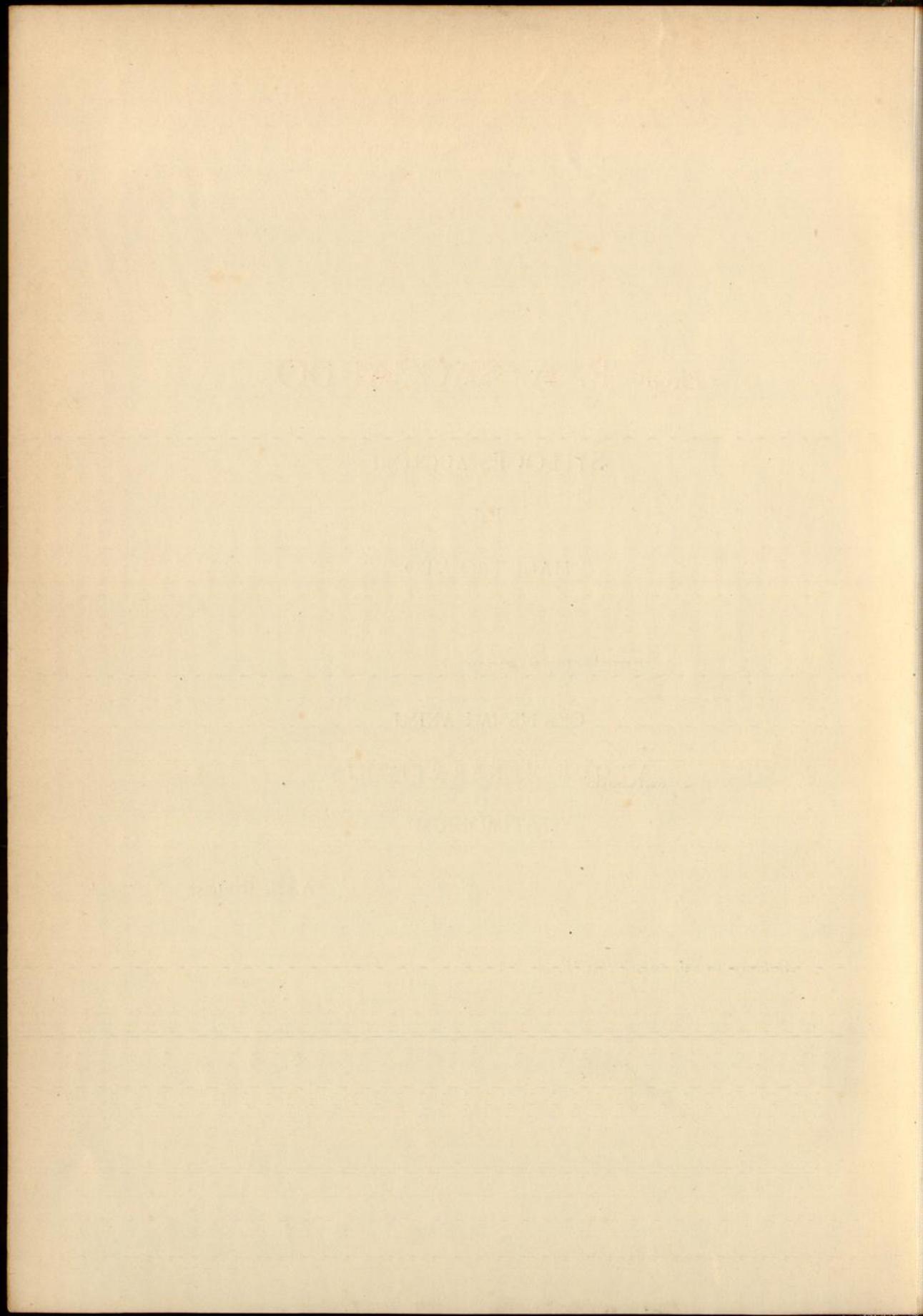
AT QUE VENERATIONIS

TESTIMONIUM

A. N. BERLESE

Abellini - Martio MDCCCXCIV.

(1894)



PRÆFATIO

Quantum in mycologicis studiis, post celeberrimi Friesii opera, profectum esset, ex eo paucis abhinc annis percipere licuit, quod omnes rerum mycologicarum peritissimi Viri magno studio flagrarunt libri alicuius possidendi, qui non aliter ac **SYSTEMA MYCOLOGICUM** (non iam harum doctrinarum optatis respondens) omne mycetum genus complectens, universam specierum copiam recte disposeret, eoque loco quamque collocaret, qui opportunissimus secundum taxonomicas leges videretur.

Itaque Doctor Saccardo, qui hoc arduum opus usque ab anno 1882 acerrime agressus est, non paucorum annorum opera ac studio, opus in sua **SYLLOGE FUNGORUM OMNIUM HUCUSQUE COGNITORUM** tandem Mycologis praebuit quod eam descriptionis rationem servans, qua **SYSTEMATIS MYCOLOGICI** auctor usus est, superius tamen facile evasit, cum ob novam dispositionem taxonomicam et majorem specierum collectarum numerum, tum ob eam quam auctor (praesertim in fungis microscopicis) micrographicam viam secutus est, quaque maxime mycologicae recentiores investigationes praestant vetustioribus. Qua de re jure ac merito, ad magnum specierum descriptarum numerum spectans idem Saccardo: « Hoc, inquit, affirmare audeo quod si intra paucos annos liber hujuscemodi adhuc defuerit mycographia tota in chaos dilabi maxime periclitaretur. » Nunc autem cum tali opere fruamur, affirmare omni asseveratione possumus magnos in hoc tanto tamque immenso mycologicorum campo factos esse progressus.

Mihi itaque visus est magnam laudem assecuturus fuisse, si quis ad hoc scientiae mycologicae quasi arduum quoddam monumentum perficiendum opibus omnibus nixus esset. Hac igitur opinione fretus non parvi momenti putavi vastam ac insignem SYLLOGEM SACCARDIANAM iis tabulis exornari, quae a studio tantum recto speciminum originem ducere viderentur. Quamquam autem sciebam opus aggredienti, quod SACCARDIANA SYLLOGE, quacum conjunctum esse deberet, indignum non esset, omnes quae descriptae sunt species delineandas fuisse, minime tamen dubitavi (non omnino majoribus fungis exceptis, quorum splendidissimae iconographiae non desunt) primas partes microscopicis tribuere, quos, ad iconographiam quod attineret, scirem esse neglectos. Quod si quaedam hujuscemodi insignia opera non desunt, tam pauci tamen prae ingente mycetum vi ii sunt qui iis illustrentur, ut in hoc iconographiae myco-microscopicae immenso atque obscuro campo tamquam lucida puncta nobis videantur.

Quare opus quod haec minima corpuscula illustraret eo utilius, immo magis necessarium dicere asim, futurum fuisse mihi visum est, si etiam eas species complexum esset quae, et brevi diagnosi a veteribus auctoribus descriptae neque micrometricis notationibus instructae, in incertis maximam partem collocantur.

Quibus rebus verba, quae in praefatione SACCARDIANAE SYLLOGES legimus, apertius planiusque explicantur « Contigisse potest quod species identica bis vel plures variis nominibus exponatur. »

Cum igitur illud mihi persuasum esset opus hujuscemodi maximam utilitatem allaturum esse iis qui SYLLOGE, de qua sermo, fungerentur atque uterentur, hoc omnibus viribus atque opibus aggressus sum. Cumque ad munus, quod suscepi, explendum species parum notae vel dubiae mihi in veteribus herbariis essent inquirendae, ad Praefectos Museorum, quibus tam prætiosae veteresque collectiones custodiuntur, me converterem oportuit ac necesse fuit. Praeterea quippe qui certe scirem opus meum maximi solummodo momenti futurum fuisse, si originalia specierum notarum exemplaria illustrasset, Mycologos precibus prosequi non dubitavi, ut suarum specierum typica exemplaria ad me mitterent,

haec ceteris non typicis speciebus, ab aliis inventis ac taxonomicis dispositis inque floris peculiaribus recensitis praeferens. Valde igitur gaudeo quod meis postulatis libentes faverunt omnes ad quos confugi doctissimi Viri, qui ita ejusmodi operis fundamenta, pene dixerim, jecerunt, quod numquam sine eorum opibus atque favore caeptum fuisset. Hisque scientiarum cultoribus clarissimis dum gratias maximas ago habeoque, hoc quoque qualecumque opus meae eorum virtutis aestimationis ac grati animi testimonium dedico et consecro. Bene igitur paratus tanta ad opus aggrediendum quasi materia, non amplius ejus initium differendum putavi. Quibus autem legibus et normis opus adhuc exaratum sit, brevi exponam:

I Quam commodissime fecisse visus sum eam ceteris praeferens methodum, qua cujusque ad eamdem familiam pertinentis generis monographia ordinatim conficeretur. Qua de re opus est monographicum.

II Inter microscopicos fungos maxime illustrandi mihi visi sunt PYRENOMYCETES, ideoque ad studium huius classis me totum contuli.

III Saccardianam taxonomicam dispositionem secutus sum, pri-
mum quia omnium convenientissimam existimavi, deinde quo opus
meum, cum SYLLOGES ejusdem esset illustratio, hujus continuatio
et complementum haberetur.

IV Ne quid in originalium speciminum studio praetermitte-
rebat quam diligentissime curavi, ea praesertim accurate inter se
comparans quae identica mihi viderentur.

V Operam diligentiamque in figuris delineandis atque litho-
graphicis sculpidis quam maximam posui, ne quid veritati videre-
tur ablatum.

VI Ad nomen cujusque speciei suum SYLLOGES locum rettuli
praecipuamque veterem et novam (interdum etiam copiosam) syn-
onymiam adjunxi, de qua typicorum speciminum diligens studium
me admonebat.

VII In fine cujusque generis, de speciebus omnibus sum
brevi locutus, quas investigatione persequi non potui, sive quia

in collectionibus (vetustissimis interdum) quibus usus sum earum exemplaria non inveni, sive quia tempori iniuria interciderunt.

VIII Omnia specierum delineatarum, *habitat* magnitudinemque partium brevi notavi, et semper adjunxi a quo herbario delineatum specimen excerpserim.

IX Indice synonymico specierum descriptarum, ordine alphabetico digesto, cuiusque familiae tractatio praedita est.

Nunc autem, quum hanc operis mei primam partem in lucem profero, hoc unum cupio atque opto ut meum SACCARDIANAE SYLLOGES complendae conatum MyCOLOGI libentes excipient, eosque, hoc opus benigne judicantes, iis auxiliis, quibus hucusque me aequo animo iuvarunt, numquam mihi spero defuturos.

Scrib. Asculi Picenorum, Idibus Juniiis MDCCCXC.

A. N. BERLESE

CHARACTERUM FAMILIARUM ET GENERUM ILLUSTRATIO

TABULA 1.

LOPHIOSTOMACEAE (fig. 1) *a-m* perithecia integra vel longitudinaliter secta
valde aucta; *n* caulis perithecia *Lophiostomatis insidiosi* gerens: *o* cortex
perithecia *Lophiost. excipuliformis* gerens (omnes gradus evolutionis
ostioli delinenti sunt).

Schizostoma (fig. 2) Ascus et sporidia specierum variarum.

Lophiosphaera (fig. 3) » » » » »

TABULA 2.

Lophiotrema (fig. 1) Ascus et sporidia specierum variarum.

Lophiotricha (fig. 2) Perithecium, ascus et sporidia.

Lophiostoma (fig. 3) Ascus et sporidia specierum nonnullarum.

Lophidium (fig. 4) » » » » »

Lophidiopsis (fig. 5) Ascus et sporidia.

Lophionema (fig. 6) » » »

TABULA 3.

SPHAERIACEAE 1 Sectio longitudinalis peritheciis haud rite evoluti.

2 Perithecium tectum longitudinaliter sectum.

3-4 Perithecia superficialia longitudinaliter secta (3 perith. rec-
tum *Roselliae*; 4 id. obliquum *Pleurostoma*).

- 5 Peritheciū setosum (*Acanthostigma* etc.)
- 6 » mycelio cinctum, ostiolo difformi (*Herpotrichia*).
- 7 Perithecia verticaliter evoluta, longitudinaliter secta (*Bombardia*).
- 8 Peritheciū radiatim sulcatum (*Stuartella*).
- 9 Peritheciū tuberculigerum (*Bertia*)
- 10 » rhynchophorum tectum (*Rhynchostoma*).
- 11 » » superficiale (*Rhynchosphaeria* etc.)
- 12 Perithecia acervulata longitudinaliter secta (*Cucurbitaria* etc.)
- 13 » tecta, linea stromatica circumscripta (*Diaporthe*).
- 14 » valsoideo-acervulata, stromate immersa (*Valsa*, *Valaria* etc.)
- 15 Peritheciū ligno immersum, stromate clipeiformi tectum (*Clypeosphaeria*, *Peltosph.*)
- 16 Peritheciū foliicolum, stromate cinctum (*Hypospila*).
- 17 Perithecia ligno immersa, stromate effuso crustaceo tecta (*Eutypa* etc.)
- 18 Peritecia irregulariter in stromate pulvinato immersa (*Melogramma*).
- 19 Perithecia valsoideo-acervulata, crista stromatica effusa tecta (*Cryptovalsa* etc.)
- 20 Perithecia stromate lato, repando immersa (*Nummularia*).
- 21 Perithecia stromate crasso, pulvinato immersa (*Hypoxylon*).
- 22 Perithecia stromate discoideo, pedunculato immersa (*Poronia*).
- 23 Perithecia stromate clavato, simplici vel ramoso immersa (*Xylaria*).

TABULA 4.

Massaria Fig. 1-2 rami fungiferi, 3 acervulus peritheciorum auctus; 4-6 perithecia longitudinaliter secta; 7-15 sporidia e speciebus variis; 16 ascus.

TABULA 5.

Leptosphaeria fig. *a* folium, *b* caulis fungifera; *c-d* perithecia aucta; *e-g* perithecia longitudinaliter secta; *h* ascus; *i* sporidia specierum plurium.

TABULA 6.

Passeriniella (fig. 1) *a* ramus fungifer; *b-c* perithecia longitudinaliter secta; *d* ascus; *e* sporidia.

Chitonospora (fig. 2) *a* perithecium longitudinaliter sectum; *b* ascus; *c* sporidia.

Ceriospora (fig. 3) *a* caulis fungifer; *b-c* perithecia longitudinaliter secta; *d* ascus; *e* sporidia.

TABULA 7.

Heptameria (fig. 2) *a* caulis fungifer; *b-c* perithecia longitudinaliter secta; *d* ascus; *e* sporidium, *f* pars centralis sporidii amplius aucta.

Rebentischia (fig. 1) *a-b* perithecia longitudin. secta; *c* ascus; *d* sporidia.

Leptosphaeriopsis (fig. 3) *a* caulis fungifer; *b* perithecium sectum, *c* ascus, *d* sporidia.

TABULA 8.

Pocosphaeria (fig. 1) *a* perithecia aucta; *b* perith. verticaliter sectum; *c* ascus, *d-e* sporidia.

Clypeosphaeria (fig. 2) *a* ramus fungifer, *b* perithecium auctum; *c* id. verticalit. sectum; *d-f* perithecia pluria verticalit. secta minus magisve aucta, *g* ascus; *e* sporidia.

Chaetomastia (fig. 2) *a* perithecia aucta; *b* perithecium verticaliter sectum; *e* ascus; *d-e* sporidia.

TABULA 9.

Chaetosphaeria (fig. 1) *a* lignum fungiferum; *b* perithecium longitudinaliter sectum auctumque; *c* ascus; *d-e* sporidia.

Ohleria (fig. 2) *a* lignum fungiferum; *b* perithecia aucta; *c* perithecii sectio longitudinalis; *d* ascus; *e* sporidia.

Melanomma (fig. 3) *a* lignum fungiferum; *b* perithecia aucta, *c-d* perithecia longitudinaliter secta; *e* ascus; *f* sporidia.

TABULA 10.

Caryospora (fig. 1) *a* Putamen *Amygdali* peritheciis praeditum; *b* perithecium auctum; *c* perithecium longitudinaliter sectum; *d* ascus; *e* sporidium.

Stuartella (fig. 2) lignum peritheciatum; *a* perithecium auctum; *b* eiusdem sectio longitudinalis, *c* ascus; *d* sporidium.

Rhynchosphaeria (fig. 3) *a-b* ligna peritheciata; *c* perithecia aucta; *d-e* eorumdem sectiones longitudinales; *f* ascus; *g* sporidia.

TABULA 11.

Sporormia *a* fimum peritheciatum; *b* sectiones longitudinales peritheciorum; *c* ascus; *d* sporidia specierum variarum.

TABULA 12.

Sporomella¹ (fig. 1) *a* fimum peritheciatum; *b-c* sectiones longitudinales peritheciorum minus ampliusve auctiorum; *d* ascus; *e* sporidia.

Gibberidea (fig. 2) *a* ramus fungifer; *b* acervulus peritheciatum auctus; *c* ascus; *d* sporidia; *e* acervuli magis aucti sectio longitudinalis.

Kalmusia (fig. 3) *a* perithecium auctum; *b* id. sectum; *c* asci; *e* sporidia.

TABULA 13.

Pseudovalsa *a* ramus fungifer; *b* acervulus auctus; *c* id. transverse sectum; *d* id. longitudinaliter sectum; *e* perithecium magis auctum longit. sectum; *f-g* asci; *h* sporidia specierum variarum.

TABULA 14.

Titania (fig. 1) *a* lignum fungiferum; *b* acervulus auctus longitudinaliterque sectus; *c* ascus.

Thyridaria (fig. 2) *a* ramus fungifer; *b* acervulus auctus; *c-d-e* sectiones longitudinales peritheciorum; *f* ascus; *g* sporidia.

¹ Specimina *Sporomellae nigropurpureae*, sero habui, et in Iconibus suo loco inserere nequivi. Perithecia sunt subvalsoideo-acervulata $\frac{1}{3}$ mm. d. globosa vel ovideo globosa, stromate plus minusve manifesto immersa, nigro-purpurans; asci sunt longissime paraphysati, 100-125 \approx 10-12 sporidia 16-20 \approx 4-5 metiuntur.

Speciem legit cl. Ellis in fimo vaccino Newfield, in Am. bor. (Cfr. Ellis et Ev. North Amer. Pyren. p. 136).

TABULA 15.

Melogramma (fig. 1) lignum fungiferum; *b-c* stromata peritheciæ aucta; *c-d-e* eadem longitudin; secta; *f* ascus; *g-h* sporidia.

Massarina (fig. 2) *a* ramus fungifer; *b-d* perithecia longitudinaliter secta; *e* ascus; *f-i* sporidia.

TABULA 16.

Metasphaeria (fig. 1) *a-b* ramus foliumque fungifera; *c-e* perithecia plus minusve aucta; *f* et *g* eadem longitudin. secta; *h* ostiolum penicillatum. *i* ascus; *b* sporidia.

Sphaerulina (fig. 2) *a-b* caulis foliumque fungifera; *c* peritheciū sectum; *d* ascorum roseola; *e* ascus; *f* sporidia.

TABULA 17.

Ceriosporella (fig. 1) *a* caulis fungifer, *b* perithecia longitudinaliter secta; *c* ascus; *d* sporidia.

Hypospila (fig. 2) *a* folium fungiferum; *b* stroma peritheciigerum auctum; *c* perithecia longitudinaliter secta; *d* ascus; *e* sporidia.

Melomastia (fig. 3) *a* ramus fungifer; *b* perithecia aucta; *c-d* id logitud. secta; *e* asc; *f* sporidia.

TABULA 18.

Saccardoëlla (fig. 1) *a* ramus fungifer; *b* peritheciū auctum; *c* id. sectum; *d* ascus; *e* ascī apex; *f* sporidia.

Bombardia (fig. 2) *a-b* ligna fungifera; *c-d* perithecia aucta; *e* id. secta; *f* ascus; *g* sporidia.

TABULA 19.

Lasiosphaeria *a* lignum fungiferum; *b-d* perithecia cincta; *e-f* peritheciorum sectiones longitudinales; *g* setula magis aucta; *h* ascus; *i* sporidia specierum variarum.

TABULA 20.

Enchnosphaeria (fig. 1) *a* ramus foliaque mycelio perithecitero aucta; *b* folium fungiferum; *c* perithecium auctum; *d* id. longitudin. sectum; *e* ascus; *f* sporidia.

Acanthostigma (fig. 2) *a* lignum fungiferum; *b* perithecium auctum; *c* setula amplius aucta; *d* perithecia longitudinaliter secta; *e* ascus; *f* sporidia.

Herpotrichia (fig. 3) *a* ramus fungifer; *b-c* perithecia aucta; *d* perithecii pars superior; *e* eadem secta; *f* ascus; *g* sporidia.

TABULA 21.

Zignoëlla (fig. 1) *a* lignum fungiferum; *b* perithecia aucta; *c* eadem secta; *d* ascus; *e* sporidia.

Winterella (fig. 2) *a* lignum fungiferum; *b* perithecium longitud. sectum; *c* ascus; *d* sporidium.

Ceratosphaeria (fig. 3) *a* lignum fungiferum; *b* perithecia aucta; *c* peritheci. longit. sectum; *d* ascus; *e* sporidia.

TABULA 22.

Cryptoderis (fig. 1) *a* folium fungiferum; *b* perithecium longitudinaliter sectum; *c* ascus; *d* sporidia.

Gnomoniopsis (fig. 2) *a* ramus fungifer; *b* perithecium longitudinaliter sectum; *c* ascus; *d* sporidia.

Calospora *a* ramus fungifer; *b* acervulus peritheciorum longitudinaliter sectus; *c* ascus; *d* sporidia.



LOPHIOSTOMACEAE¹ Sacc. (Syll. Pyr. II p. 673)

Simplices. Perithecia plus minusve immersa, vel superficialia, nigra, ostiolo compresso, rimose dehiscente. Asci paraphysati, octospori.

Clavis analitica generum

Sporidia continua fusca		<i>Lophiella</i> 2
Sporidia bilocularia	{ fusca	<i>Schizostoma</i>
	{ hyalina	<i>Lophiosphaera</i>
	{ hyalina { perithecia pilosa	<i>Lophiotricha</i>
Sporidia transverse pluriseptata	{ hyalina { perithecia calva	<i>Lophiotrema</i>
	{ colorata	<i>Lophiostoma</i>
Sporidia muriformia	{ colorata	<i>Lophidium</i>
	{ hyalina	<i>Lophidiopsis</i>
Sporidia filiformia		<i>Lophionema</i>

SCHIZOSTOMA Ces. et D. Not. Schema Sf. It. p. 220 p. p. nec Ehrenb. et Lèv. Sacc. Syll. Pyr. II, p. 673. *Lophiostoma* Winter Die Pilze II, p. 289 p.p. Species omnes lignicolae vel corticolae, numquam cauli - vel foliicolae.

Schizostoma microsporum Pass. in litt. Martelli in Flor. Bog. p. 146. Berlese et Vogl. Add. Syll. p. 254.

Hab. in cortice arborum, Keren, Abissinia settentrionale.

Perithecia subgregaria, $\frac{1}{3}$ mm. diam.; asci 65-75 \approx 10; sporidia 14-16 \approx 5.
(Tab. I, Fig. 1. — Ex exemplari typico a cl. Prof. Passerini benevole comunicato).

Schizostoma vicinum Sacc. Mich. I, p. 337. Syll. Pyr. II, 673. *Lophiostoma vicinum* Sacc. F. it. 239. Mich. I, 44. Winter Die Pilze II p. 291.

Hab. in cortice duriore quercino et populino in silva Montello Ital. bor. (Sacc.) et Augsburg in Germania (Rehm).

Perithecia sparsa, $\frac{1}{3}$ mm. diam.; asci 85-95 \approx 13-15; sporidia 28-30 \approx 8.
(Tab. II, fig. 1 — Ex Rehm Ascomyc. n. 485).

¹ Cfr. Berlese Note sulle *Lophiostomaceae* in Malpighia 1890.

² Genus dubium, iterus inquirendum. An non bene examinatum?

Schizostoma vicinellum Sacc. Mich. I. 335—337. Syll. Pyr. II, 674.
Rehm Asc. Loik. n. 52.

*Hab. in ligno abietino putrescente Gratz Styriae (Magnus) et ad ramulos siccos
Artemisiae campestris in insula Csepel Danubii Hungariae.*

Perithecia gregaria, $\frac{1}{3}$ - $\frac{2}{3}$ mm. diam.; asci 80-90 \approx 10-12; sporidia 22-25 \approx 5-7.
(Tab. II, fig. 2. — Ex exemplari typico in Herbario Saccardiano).

Schizostoma motellieum Sacc. Mich. I, p. 337. F. it. 146, Syll. Pyr. II, p. 673.

*Hab. in cortice duriore quercino, Montello Ital. bor. (Tab. II, fig. 3. — Ex
exemplari originali in Herb. Sacc.)*

Perithecia sparsa, carbonacea, $\frac{1}{2}$ - $\frac{2}{3}$ mm. diam.; asci 180-200 \approx 20-22; sporidia
36-40 \approx 10-12.

Schizostoma pachytele (B. et Br.) Sacc. Mich. I, 336, Syll. Pyr. II,
p. 675. *Sphaeria pachyt.* Berk. et Br. Ceyl. F. n. 1109. *Lophiosphaera pach.* Trev.
in Bull. Soc. Sol. Belg. t. 16, p. 19.

Hab. in ligno putri, Dolosbagey, Ceylon supra 1000 metr. alt. (Tab. I fig.
2. — Ex exemplari originali a cl. M. C. Cooke benevole comunicato.)

Perithecia magna, 1 mm. et ampl. diam., rugosa; asci 40-45 \approx 6-8; sporidia
14-16 \approx 3,5-4. — Species singularis, sporidiis semper 1-septatis, apicibus hyalinis,
peritheciisque magnis congeneribus valde distincta.¹

Species quas examinare non potui²

Sch. vicinissimum Speg. (Sacc. Syll. II, 674) Sch. Bellunense Speg. (Syll. 674) Sch. tuyutense
Speg. (Syll. 674) Sch. Schomburgkii (Berk) Sacc. Syll. 675 (dubia).

LOPHIOSPHAERA Trev. l. c. et in Just Bot. Jahresb. 1877. p. 148. Sacc.
Syll. Pyr. II, p. 675. Genus haud bene definitum et cum *Lophiotrenate* saepius
moleste intricateque confluens.

Lophiosphaera queretii (S. et Sp.) Sacc. Syll. Pyr. II, p. 676. *Schizost.*
queretii Sacc. et Speg. Mich. I, 410. Sacc. F. it. 358.

Hab. in cortice quercino prope « Conegliano » Italiae borealis.

Perithecia $\frac{1}{3}$ mm. diam., sparsa; asci 80-100 \approx 12; sporidia 23-26 \approx 7-9.
(Tab. II, fig. 4. — Ex exemplari originali in Herb. Sacc.) Ostiolo parum vel
minime compresso, vix *Lophiostomacea*. Aptius inter *Didymellas* inquirenda?

Lophiosphaera forojuiliensis Berl. n. sp. *Lophiosph. intricata* Berl. (non
Lehm.) Excurs. Mycol. Frioul, p. 18 (ubi adest diagnosis.)

Hab. in ligno et cortice ramulorum Salicis cinereae « Osoppo » agri Foroju-
liensis. It. borealis

¹ Sporidia huius speciei minutiose examinata, semper didyma inveni. Apices hyalini numquam
septo separantur.

² Ad calcem singulorum generum subjunxi species quas examinare nequivi. Nonnullae vero ge-
nuinae erunt, sed pleraque, auctoribus senioribus tantum repertae, dubiae vel omittendae videntur.

Perithecia sparsa vel subgregaria, $\frac{1}{4}$ mm. diam.; asci 90-100 \approx 10-12; sporidia 18-20 \approx 6-8. (**Tab. II, fig. 5.** — Ex exemplari originali in Herb. meo.)

Lophiosphaera Helichrysi (Fabr.) Berl. *Lophiotr. Hel.* Fabr. Vaucl. II, p. 60, fig. 40. Sacc. Syll. Pyr. II, p. 684.

Hab. ad caules emortuos Helichrysi Staechadis, Vaucluse Galliae et Hel. angustif. pr. « Fornovo » agri parmensis It. bor. (Passerini).

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., modo sparsa, modo dense conferta; asci 100-110 \approx 10-12; sporidia 22-26 \approx 6 (**Tab. I, fig. 3.** — Ex exempl. a cl. Passerini benevole comunicato.)

Lophiosphaera Beckhausii (Nitsch.) Berl. et Vogl. Addit. ad Syll. p. 424. *Lophiostoma Beckh.* Nitsch. in Lehm Syst. Bearb. Pyr. Loph. p. 74, fig. 42.

Hab. in ligno fagineo Münster. (Nitschke).

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; asci 100-130 \approx 16-18; sporidia 32-34 \approx 8, rarius 40 \approx 7 (**Tab. III, fig. 3.** — Ex exempl. originali in Herb. Nitschkeano). Sporidiis pseudo 3-5-septatis, inter genera *Lophiosph.* et *Lophiotrema* media, sed aptius primo adscribenda.

Lophiosphaera lignicola Sacc. in Berl. et Vogl. Add. ad Syll. p. 258. *Lophiosph. subcorticalis* var. *lignicola* Sacc. F. it. 243, Syll. Pyr. II, p. 676. *Lophiostoma meridionalis* Ellis in Journ. of. Myc., IV, p. 76.

Hab. in ligno arborum nonnullarum subputri in Italia et America boreali.

Perithecia $\frac{1}{3}$ mm. diam.; asci 90-100 \approx 12; sporidia 30-35 \approx 6-7 (**Tab. III, fig. 1.** — Ex exemplari originali *Loph. meridionalis* a cl. Ellis benevole comunicato. Fungillum americanum cum exempl. orig. saccardianis minutiose comparavimus.)

Lophiosphaera anaxaea (Sacc.) Trev. in Bull. Soc. Bot. Belg. t. XVI, p. 19. Sacc. Syll. Pyr. II, p. 677. *Lophiost. anax.* Sacc. Mich. I, p. 446, F. it. 251. *Lophiostoma glaciale* Rehm. Asc. Loik n. 59. *Lophiosph. glacial.* Sacc. Syll. Pyr. II, p. 677.

Hab. in caule ramisque Artemisiae camphoratae, Cytisi hirsuti et Globulariae chordatae « Narvesa » Italiae bor.

Perithecia $\frac{1}{2}$ mm. diam., asci 90-100 \approx 16-18; sporidia 26-28 \approx 6-8 (exclusis appendic.)¹ (**Tab. II, fig. 6.** — Ex exempl. origin. in *Globularia*, in Herb. Sacc.)

Lophiosphaera Fuckelii Sacc. Syll. II, p. 678. *Lophiostoma Fuckelii* Sacc. Mich. I, 336. F. it. 254. *Loph. diminuens* Fuck. Symb. 256, Sacc. F. Ven. III, p. 4, non Fr. *Lophiost. rubicolum*. Nitsch. in Lehm. Syst. Bearb. Pyr. Loph. p. 58, fig. 39. Berl. et Vogl. Add. ad Syll. p. 426.

Hab. in sarmentis Rubi fruticosi emortuis in Italia et Germania. Satis frequens.

Perithecia $\frac{1}{5}$ - $\frac{1}{4}$ mm. diam., subgregaria; asci 60-80 \approx 8-10; sporidia 15-18 \approx 4-5 (**Tab. II, fig. 7.** — Ex exemplari in agro forojuliensi lecto (Cfr. Exc. Myc.

¹ Dimensionibus sporidiorum adde semper, in speciebus appendiculatis, « exclusis appendiculis »

Frioul. p. 18), et cum exempl. Fuck., Saccard. et Nitsch. comparato). Valde affinis (et verisimiliter aegre distincta) a *Loph. pulveracea* et *L. cristata*.

Lophiosphaera pulveracea Sacc. Syll. Pyr. II, p. 678. *Lophiost. pulv.* Sacc. Mich. I, 336, F. it. 255. *Lophiost. conchoides* Ellis in litt.

Hab. in ligno quercino putri « Selva » Ital. bor.

Perithecia gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. diam.; asci 70-80 \approx 10-12; sporidia 16-20 \approx 4-5 (Tab. II, fig. 8. — Ex exempl. originali in Herb. Sacc.) A *L. Fuck.* peritheciis densius confertis, lignicolis differt. Potius var.?

Lophiosphaera cristata (Fabr.) Berl. *Lophiotrema crist.* Fabr. Vaucl. II, p. 61. Sacc. Syll. Pyr. II, p. 687.

Hab. ad ramulos emortuos et decorticatos Ericae arboreae « Vaucluse » Galliae.

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; asci 60-70 \approx 8; sporidia 16-20 \approx 5. (Tab. I, fig. 4. — Ex exemplari originali a cl. Fabre benevole comunicato.) Differt a *L. Fuck.* peritheciis sparsis, lignicolis. An satis? A *L. pulverac.* vix distincta.

Lophiosphaera heterostoma (Ell. et Ev.) Berl. et Vogl. Add. Syll. p. 425. *Lophiost. het.* Ellis et Ev. Journ. of Myc. 1886, p. 99.

Hab. in discis dolii vinarii quercini, « Louisiana » Am. bor.

Perithecia $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam., sparsa vel subgregaria; asci 70-80 \approx 6-8; sporidia 18-20 \approx 4-5 (Tab. III, fig. 2. — Ex exempl. origin. a cl. Ellis benevole comunicato) Affinis *L. pulveraceae* a qua peritheciis sparsis majoribusque differt.

Species exclusae, non esaminatae vel dubiae.

Loph. schizostoma (Mont.) Trev. Non vidi. Mihi dubia. *Loph. viticola* Sacc. idem ac *Lophiotrema praemorsum*. *Lophiosph. perpusilla* Sacc. Perithecia dein ore rotundo hiantia, ostiolo numquam compresso, epidermide subinde rimose erupta. Est *Scirria* sp. *Lophiosph. glacialis* (Rehm) Sacc. idem ac *Lophiosph. anaæca*. *Lophiosph. bonariensis* Speg. Non vidi. Affinis *L. Fuckelii*. *Lophiosph. vigheffulensis* est *Lophiotrema*. *Lophiosph. subcorticalis* est *Lophiostoma*.

LOPHIOTREMA Sacc. Mich. I, 338. Syll. Pyr. II, p. 678.

Lophiotrema leucosporum (Nitsch.) Berl. et Vogl. Add. Syll. p. 425. *Lophiost. leuc.* Nitsch. in Lehm. Syst. Loph. p. 26. f. 6.

Hab. in Sio latifolio, Münster (Nitschke).

Perithecia subgregaria, $\frac{1}{3}$ mm. diam; asci 90-100 \approx 8-9; sporidia 20-24 \approx 5-6 (Tab. I, fig. 7. — Ex exempl. origin. a cl. O. Brefeld benevole comunicato).

Lophiotrema vigheffulense (Pass.) Berl. *Lophiosph. vigheffulensis* Pass. in Erb. Critt. it. II, n. 1373. Berl. et Vogl. Add. Syll. p. 254.

Hab. in cortice exsiccatæ Deutziae scabrae « Vigheffio » pr. Parma Ital. bor.

Perithecia $\frac{1}{3}$ mm. diam., plus minus crebre sparsa; asci 70 \approx 6-8; sporidia 20-23 \approx 3-4 (Tab. I, fig. 5. — Ex exempl. originali a cl. Pass. benevole misso.)

Lophiotrema hysteroides (Ell. et Langl.) Berl. *Lophiostoma hyst.* Ell. et Langl. in Journ. of Myc. IV, p. 76.

Hab. ad lignum vetustum Quercus « Louisiana » Am. bor.

Perithecia $\frac{1}{3}$ mm. diam., gregaria; asci 60-70 \approx 5-8; sporidia 12-13 \approx 3-4 (**Tab. III, fig. 4.** — Ex exempl. originali a cl. Ellis benevole misso). Vix *Lophiotremata*!

Lophiotrema Nucula (Fries) Sacc. Mich. I, 336, 338, F. it. 249. Syll. Pyr. II, p. 679. *Lophiostoma Nuc.* De Not. Sch. Sfer. it. p. 46. *Sphaeria Nucula* Fr. S. M. II, 466. *Lophiotrema duplex* Karst. M. Fenn. I, p. 86. Sacc. F. it. 256. *L. nuculinum* Rehm Augsb. Pilz. p. 77. *Trematosph. sambucivora* Rehm Asc. n. 382. *Lophiotrema duplex* Sacc. Syll. II, p. 679. *Lophiotr. Lonicorae* Fabr. Spher. Vaucl. II, 61, fig. 12. Sacc. Syll. Pyr. II, p. 680. *Lophiost. microcarpum* Nitsch. in Lehm. Loph. p. 100 fig. 37-38. *Lophiost. curtum* Lehm. Syst. Pyr. Loph. p. 55 fig. 35 (An hoc adscr. *Sph. curta* Fr. ?)

Hab. in cortice arborum plurium in fere tota Europa (**Tab. I, fig. 6.** — Ex specim. in Herb. Nitsch. cum multis aliis comp.)

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., sparsa vel gregaria; asci 110-120 \approx 8; sporidia 18-20 \approx 6.

Lophiotrema hungaricum Rehm Hedw. 1883 p. 38, Sacc. Syll. Pyr. II, Add. LXIX.

Hab. in caulis putridis Aconiti Napelli in valle « Kohlbach » *Alpium Tatrae Hungariae*.

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., gregaria; asci 100-110 \approx 15-18; sporidiis 30-33 \approx 8-9 (**Tab. I, fig. 8.** — Ex exemplari originali) Inter *Lophiotrema* et *Lophiotrichum* fere medium.

Lophiotrema vagabundum Sacc. Mich. I, 443, II, 72. F. it. 246 (sub *Lophiostoma*) Syll. Pyr. II, p. 684 *Lophiostoma Origani* Kunze F. sel. ex. n. 97. *Lophiotrema Orig.* Sacc. Syll. Pyr. II, p. 684. *Lophiost. cultum* Nitsch. in Lehm. Syst. Bearb. Pyr. Loph. p. 80, fig. 23. Berlese et Vogl. Add. Syll. p. 426. *Lophiost. Ligustri* Nitsch. in dem. l. c. p. 55, fig. 36. Berl. et Vogl. Add. p. 428. *Lophiotr. rubidum* Sacc. Bomm. et Rouss. Misc. I, p. 18. Berl. et Vogl. Add. Syll. p. 256. *Lophiotr. Scrophulariae* var. *cruentulum* Bizz. F. Ven. novi p. 3. Berl. et V. l. c. p. 256. *Lophiostoma Notarisii* Nitsch. in Lehm. Pyr. Loph. p. 31. fig. 1 p. p.

Hab. in caulis variis in Italia, Germania, Gallia.

Perithecia sparsa vel gregaria, $\frac{1}{5}$ - $\frac{1}{4}$ mm. diam.; asci 90-110 \approx 8-10; sporidia 22-25 \approx 4-6 (**Tab. IV, fig. 1.** — Ex *Loph. Scrophul.* var. *cruentulum* in Herb. Sacc.)

Var. radicans (Ell.) Berl. *Lophiostoma radicans* Ellis Journ. of Myc. III, p. 44.

Hab. in ligno carioso Rhois radicantis « Newfield » Am. bor.

Perithecia sparsa $\frac{1}{4}$ - $\frac{1}{5}$ mm. diam.; asci 60-80 \approx 8-12; sporidia 20-22 \approx 2-6 (**Tab. III, fig. 5.** — Ex exemplari originali a cl. Ellis benevole comunicato).

Lophiotrema Artemisiae Fabr. Spher. Vaucl. p. 67, fig. 57. Sacc. Syll. Pyr. II, p. 683.

Hab. in caulis emortuis Artemisiae campestris, « Vaucluse » Galliae.

Perithecia sparsa $\frac{1}{3}$ - $\frac{2}{3}$ mm. diam.; asci 100-120 \approx 10-12; sporidia 24-26 \approx 6-7

(Tab. III, fig. 6. — Ex exemplari originali a cl. Fabre benevole comunicato).

Affine *Lophiotr. praemorsa*, a quo differt sporidiis brevioribus, loculo medio distincte crassiore. Verisimiliter ut varietas habendum. Dimens. Fabreanae sporid. nostris majores.

Lophiotrema affine Speg. Mich. I, p. 465. F. It. 616. Syll. Pyr. II, p. 687.

Hab. in ramulis emortuis Ampelopsis hederaceae « Conegliano » It. bor.

Perithecia $\frac{1}{10}$ - $\frac{1}{8}$ mm. diam.; laxe gregaria; asci 80 \approx 10-12; sporidia 18 \approx 6.

(Tab. IV, fig. 2. — Ex Sacc. F. it. l.c.) Minutie peritheciorum mihi valde dubium!

Lophiotrema eulmiphragum Sp. Mich. I, 166, Sacc. F. it. 611. Syll. Pyr. II, p. 682.

Hab. in culmis putrescent. Arundinis Donnacis « Conegliano » It. bor.

Perithecia $\frac{1}{5}$ - $\frac{1}{3}$ mm. diam.; asci 80-90 \approx 8-10; sporidia 20-25 \approx 4-5. (Tab.

IV, fig. 3. — Ex Sacc. F. it.)

Lophiotrema praemorsum (Lasch) Sacc. Mich. I; 513, Syll. Pyr. II, p. 681. *Sphaeria praem.* Lasch. in Rab. H. M. n. 1249. *Lophiostoma praem.* Fuck. Symb. p. 157, Sacc. F. it. tab. 253. *Loph. Jerdoni* B. et Br. Brit. F. n. 975, t. XVII, f. 58. *Lophiost. angustilabrum* B. et Br. Brit. F. n. 881, t. XI, f. 27. *Lophiotr. ang.* Sacc. Syll. Pyr. II, p. 687. *Lophiost. sex-nucleatum* Cooke Handb. n. 2543, f. 392. *Lophiotr. sexnucleat.* Sacc. Syll. Pyr. II, p. 683. *Lophiotrema Fontanesiae* Pass. Diagn. Fung. nuovi, p. 13. *Loph. Winteri* Sacc. Mich. I, 358, F. it. 360. Syll. Pyr. II, p. 688. *Lophiost. Hederae* Fuck. Symb. 157. *Lophiotr. Hed.* Sacc. Mich. I, 338, Syll. Pyr. II, p. 678. *Lophiost. Cookei* Nit. in Lehm. Loph. p. 66 fig. 2. *Lophiotr. Cookei* Berl. et Vogl. Add. p. 425.

Hab. in cortice ramorum plantarum plurium in tota fere Europa et Am. bor.

Perithecia $\frac{1}{3}$ - $\frac{2}{3}$ mm. diani. subsparsa; asci 100-110 \approx 8-12; sporidia 24-28 \approx 6-7

(Tab. III, fig. 7-9. — Ex exemplari in Herb. Sacc.) Species sporidiorum fabrica admodum variabilis; nunc sporidia sunt bilocularia, mutica vel appendiculata¹, et tum ea *Lophiosphaerae* perfecte simulant; (fig. nostra 7) nunc vero pluriguttata vel pseudo-septata sunt, et mutica vel appendiculata.

Lophiotrema semilibereum (Desm.) Sacc. Mich. I, 338 Syll. Pyr. II, p. 682. *Lophiostoma semil.* Ces. et De Not. Sch. p. 46. Sacc. F. it. 245. *Sphaeria semil.* Desm. Ann. Sc. nat. 1846, p. 78.

Hab. in culmis exsiccatis Graminacearum in tota fere Europa.

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., sparsa vel gregaria; asci 100-120 \approx 10-12; sporidia 35-40 \approx 6. (Tab. 4, fig. 4. — Ex exempl. orig. in Desmaz. Pl. Crypt. Fr. n. 1787). Valde affine et verisimiliter non probe distinctum a *L. praemorsa*.

Lophiotrema crenatum (Pers.) Sacc. Mich. I, 338, F. it. 359, Syll. Pyr.

¹ De appendicularum natura cfr. meam opellam « Note sulle Lophiostomaceae » in Malpighia 1890.

II, p. 680. *Sphaeria crenata* Pers. Syn. 54. *Lophiost. cren.* Fuck. Symb. 157. *Lophiotrema Cotini* Fabr. Spher. Vaucl. II, p. 61, fig. 41. Sacc. Syll. Pyr. II, 680.

Hab. ad ramos putr. plantarum plurium in fere tota Europa.

Perithecia sparsa vel gregaria $\frac{1}{3}$ - $\frac{1}{4}$ mm. diam.; asci 120-130 \approx 10-12; sporidia 26-30 \approx 5-7. (**Tab. IV, fig. 5.** — Ex exempl. origin. *Lophiotr. Cotini* a cl. Fabr. benevole comunicato). A *L. praem.* ostiolo eximie cristato differt.

Lophiotrema littorale Speg. in Sacc. Mich. I, 466. F. it. 612, Syll. Pyr. II, p. 681.

Hab. in ligno decorticato Salicis fragilis « Lido » Venetiae.

Perithecia laxe gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. diam.; asci 140-150 \approx 20-22; sporidia 55-40 \approx 12-14. (**Tab. IV, fig. 6.** — Ex icone Saccardiana).

Lophiotrema massarioides Sacc. Mich. I, 412, F. it. 360. Syll. Pyr. II, p. 686. *Lophiostoma simile* Nit. in Lehm. Loph. p. 65, fig. 43 (nec Fuck.) *Lophiotr. simile* Berl. et Vogl. Add. 425. *Lophiost. insculptum* Nit. in Lehm. Loph. p. 114 fig. 48 (non Rehm).

Hab. in ramis Ailanthi gland., Rhamni et in ligno salicino in Italia et Germania.

Perithecia sparsa vel laxe gregaria, $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam.; asci 120-150 \approx 18-22; sporidia 35-40 \approx 7-9. (**Tab. IV, fig. 7.** — Ex exempl. origin. *Loph. insculpti* ex herb. Nitsch.) Pulchra et distincta species!

Lophiotrema auctum Sacc. Syll. Pyr. II, p. 688 (cum f. *Rumicis*) *Lophiost. auctum* Sacc. Myc. Ven. Spec. 110 t. XI, fig. 5-10, F. it. 250. *Lophiost. appendicul.* Fuck. Symb. myc. App. II, 29, fig. 8 Sacc. Syll. II, p. 706.

Hab. in ramulis Alni glut. in caule Rumicis et in ligno putri adhuc corticato Salicis in Italia, Gallia et Germania.

Perithecia sparsa $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; asci 120-130 \approx 14; sporidia 35-37 \approx 8. (**Tab. III, fig. 10.** — Ex exemplari originali formae *Rumicis*, a typo non distinctae, in Herb. Sacc.) Sporidia semper 7-septata, non 5-sept. ut in Syll. II, p. 688, in senectute fusca.

Lophiotrema Cadubriae Speg. Dec. Myc. 26, Mich. II, p. 163 Sacc. Syll. Pyr. II, p. 685.

Hab. in culmis caulinibusque dejectis, putridis ad ripas lacus « Aleghe, Cadore » Italiae bor.

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., sparsa; asci 120-140 \approx 20-24; sporidia 40-45 \approx 10-11 (**Tab. V, fig. 1.** — Ex exempl. originali in Herb. Sacc.)

Lophiotrema alpinum (Fuck.) Sacc. Mich. I, 338. Syll. Pyr. II, p. 685 (cum variet.) *Lophiostoma alp.* Fuck. Symb. p. 157. *Lophiost. Thümenianum* Speg. in Thüm. Pilze Weinst. t. 1. f. 19, et Amp. it. n. 33. *Lophiotr. Thümenianum* Sacc. Syll. Pyr. II, p. 686.

Hab. in sarmentis Lonicerae, Vitis et in caule Galii in Italia et Germania.

Perithecia gregaria vel subgreg., $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; asci 100-120 \approx 14-16; sporidia 40-45 \approx 7-8. (**Tab. V, fig. 2.** — Ex f. *Lonic.* *semperfir.* in Herb. Sacc.)

Sec. cl. Speg. *Loph. Thüm.* a *Loph. alpig.* sporidiis majoribus differt, sed dimensiones Spegazzinianas haud raro inveni excedentes. Sporidia *Lophiotrematum* fere omnium senio fuscescunt, sed color hic senectute et morte adscribendus.¹

Species non examinatae dubiae vel excludendae.

Lophiotrema myriocarpum (Fuck.) Sacc. Syll. 679. Non vidi. *Loph. Coryli* Fabr. (Syll. 681). Non vidi. *Loph. glandium* Fabr. (Syll. 681) Non vidi. *Loph. stenogramma* (Dur. et Mont.) Sacc. Syll. 681. Non vidi. Videtur *Loph. Nucula*. *Loph. pusillum* Fuck. (Syll. 682) Non vidi. (Formae *Aponensis* Sacc. exempl. in Herb. Sacc. sterilia inveni!) *Loph. Scrophulariae* (Peck) Sacc. Syll. 683. Non vidi. Affine (an idem?) *L. praem.* *Loph. Helichrisi* est *Lophiosphaera*. *Loph. ampelinum*. Rehm (Syll. 685) Non vidi. Affine *L. sexnucl.* (h. e. *L. praem.*) var *Pekianum* An idem? *Loph. Spireae* (Peck) Sacc. Syll. 686. Non vidi. Valde aff. verisimiliter non distinctum a *Loph. massarioide*. *Loph. Sedi* (Fuck.) Sacc. Non vidi (Exempl. Rehmian. in Asc. n. 183 a *Lophioph. anaec.* adscrib.) *Lophiotr. Notarisi* (Nitsch.) Berl. et V. Add. 425. Species collectitia. *Loph. recedens* Schultz. (Add. 255) Non vidi *Loph. pallidum* (Ellis) B. et V. Add. 255 Non vid. *Loph. emergeus* Karst. (B. et V. Add. 256) Exempl. origin. senescentia inveni! *Loph. Mollerianum* (Wint) Berl. et V. 256. Non vidi *Loph. aequivocum* (Ell. et Ev.) Berl. (Cfr. Journ. Myc. III, p. 118) Non vidi.

LOPHIOTRICHIA Rich. Sphér. Nouv. in Bull. Soc. Bot. Franc. 1885, p. XI. Berlese et Vogl. Add. p. 234. — Sporidia primo didyma dein distincte triseptata.

Perithecia villo obvoluta, non setosa. In matrice et circum perithecia, mycelia sterilia *Ozonii* cujusdam inveni.

An villo peritheciorum cognata? Re vera ab hoc aliena videtur, sed biologice tutius definienda res.

Lophiotrichia Viburni Rich. l. c. p. XII, t. XII. Berl. et Vogl. l. c. p. 255.

Hab. ad ramos emortuos Viburni Lantanae « Soulages » prope « Saint-Amand sur Fion » Galliae.

Perithecia gregaria, $\frac{1}{2}$ mm. diam.; asci 130-150 \approx 14-18; sporidia 40-44 \approx 6-7. (Tab. XI, fig. 7. — Ex exempl. origin. a cl. C. Richon benevole comunicato).

LOPHIOSTOMA (Fr.) Ces. et De Not. Sch. sf. it. p. 45 p. p. Sacc. Mich. I, 339. Syll. Pyr. II, p. 689. Winter Die Pilze II, p. 289 p. p. Lehm. Pyr. Loph. p. 61 p. p. *Sphaeriae Lophiostomae* Fr. Summa Veg. Sc. 391.

Lophiostoma parvulum Berl. n. sp. *Lophiost. Nucula* Lehm. Pyr. Loph. p. 128, fig. 55. (non Nitsch.)

Hab. in ligno quercino prope « Sugenheim » in Franconia.

Perithecia $\frac{1}{3}$ mm. diam., subgregaria; asci 60-70 \approx 6-7; sporidia 11-14 \approx 4. (Tab. V, fig. 3. — Ex exempl. *Loph. Nuculae* in Herb. Nitsch.) Dimensiones Lehmannianae, juxta comparationem meis majores.

Lophiostoma quadrinucleatum Karst. Myc. Fenn. II, 85, Sacc. F. it. 222. Syll. Pyr. II, p. 689. *Lophiost. absconditum* Pass. N. Giorn. Bot. it. VII, p. 257

¹ Cfr. etiam meam opellam. Note sulle Lophiostomaceae. I. c.

Sacc. Syll. Pyr. II, p. 690. *Loph. Juniperi* Fabre Spher. Vaucl. I, p. 105, fig. 52.
 Sacc. Syll. Pyr. II, p. 691. *Lophiost. Berberidis* Lehm. Pyr. Loph. p. 98. fig. 34.
 Berl. et Vogl. Add. Syll. p. 427.

Hab. in ligno vel cortice arborum plurium in Britannia, Italia, Fennia, Germania etc.

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; asci 100-110 \approx 14-16; sporidia 20-24 \approx 7-8.

(Tab. VI, fig. 1. — Ex exempl. origin. *Lophiost. Berberidis* in Herb. Nitsch.)

Var. Rosacearum Rehm Asc. Loik. n. 53, Sacc. Syll. Pyr. II, p. 689. *Lophium granulosum* Cr. Fin. p. 29, *Lophiostoma gran.* Sacc. Syll. Pyr. II, p. 633. Lehm. Pyr. Loph. p. 96 p. p. *Lophiost. Requienii* Fabr. Spher. Vaucl. I, p. 106, fig. 54. Sacc. Syll. Pyr. II, p. 692.

Hab. in cortice ramorum Rosae, Pruni, Crataegi in Germania, Italia, Gallia et Transylvania. (Tab. V, fig. 4. — Ex exempl. in «Crataego prope « Ascoli » It. mediae a me collecto.)

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; asci 90-100 \approx 10-12; sporidia 15-18 \approx 6-7.

Var. caespitosum Fuck. Symb. Myc. App. II, p. 29, fig. 9 (ut spec.) Sacc. Syll. Pyr. II, p. 690 (ut sp.) *Lophiost. acervatum* Karst. Myc. Fenn. II, p. 85, Sacc. Syll. Pyr. II, p. 693. *Loph. granulosum* Lehm. Pyr. Loph. p. 96 p. p.

Hab. in ramis Pruni Padi et Crataegi Oxyacanthae in Germania et Fennia. (Tab. V, fig. 5. — Ex exempl. origin. *Loph. acervati* Karst.)

Perithecia caespitose collecta; asci 85-95 \approx 16-18; sporidia 22-24 \approx 6-7.

Var. dumetii Sacc. Mich. I, p. 448, F. it. 224, Syll. Pyr. p. 690. (ut sp.)

Hab. ad ramos corticatos Rubi fruticosi « Vittorio » It. bor.

Ex autopsia exemplarium typicum patet, speciem saccardianam a *Loph. quadrinucl.* nisi sporidiis utrinque acutioribus differre, et potius quare var. habendam.

Lophiostoma rhopaloides Sacc. Fungi It. n. 237. Syll. Pyr. II, p. 689.
Loph. quadr. *L. *rhopaloides* Sacc. Mich. I, p. 43.

Hab. in ligno nigrificato Castaneae vescae « Selva » It. bor. (Tab. VI, fig. 2.

— Ex exemplari orig. in Herb. Saccard.)

Perithecia $\frac{1}{3}$ mm. diam., sparsa; asci 95-105 \approx 12-14; sporidia 22-24 \approx 6,5-8.
 Ob ostiola vix lophiostomacea, latiuscule pertusa, ad *Trematosphaeriam* vergit.

Lophiostoma Pruni Ellis in Journ. of Myc. IV, p. 64.

Hab. in ramis Pruni serotinae « Lyndonville » Am. bor. (Tab. VI, fig. 3.
 — Ex exempl. origin. a cl. Ellis benevole comun.)

Perithecia $\frac{1}{3}$ mm. diam.; asci 80-90 \approx 8-9; sporidia 18-20 \approx 6-7. Affine *L. quadrinucleato*, (a quo loculis eguttulatis praecipue differt) et *L. pseudomacrostomo*, sed sporidiis raro 4-5-septatis, et longitrosum divisus.

Lophiostoma isomerum Nitschke in Lehm. Syst. Bearb. Pyr. Loph. p. 86, fig. 57. Berl. et Vogl. Add. ad Syll. p. 426.

Hab. in cortice Salicis et Quercus pr. Münster. (Tab. V, fig. 6. — Ex exempl. originali in Herb. Nitsch.)

Perithecia 1 mm. diam., subinde ostiolo $1\frac{1}{2}$ mm. longo, ascii 120-130 \approx 16-20; sporidia 20-22 \approx 8-10.

Lophiostoma fallacissimum Karst. in Hedw. 1884, n. 2, p. 1. Rev. Mon. Asc. Fenn. p. 86. Berlese et Vogl. Add. ad Syll. p. 258.

Hab. in cortice Tiliae ulmifoliae prope Aboam Fenniae (Tab. V, fig. 7. — Ex exempl. originali a cl. Karst. benevole comunic.)

Perithecia ut plurimum conferta, $\frac{3}{4}$ mm. diam.; ascii 140-160 \approx 12-15; sporidia 28-31 \approx 9-11. Affine *L. Desmazierii* a quo differt in primis sporidiis semper levibus.

Lophiostoma Desmazierii Sacc. et Speg. Mich. I, 441. Sacc. Fungi it. 606. Syll. Pyr. II, p. 693. *Loph. viridarium* Cooke Handb. p. 849, Sacc. Syll. II, p. 691. *Lophiost. Syringae* Fabre Spher. Vaucl. I, p. 104, fig. 51. Sacc. Syll. Pyr. II, p. 692. *Loph. striatum* Sacc. Miscell. Myc. I, p. 7 Berlese et Vogl. Add. Syll. p. 258 *Massaria alpina* Sacc. et Speg. Mich. I, p. 440, Sacc. F. it. 412. Syll. Pyr. II, p. 8. *Lophiost. diminuens* Lehm. Loph. p. 93, fig. 26-30 (non Pers.) *Loph. oblongatum* Otth. Verz. schweiz. Pilze n. 136 (sec. Lehm.)

Hab. in ramis Pruni, Corni, Rhamni, Syringae, Aceris, Persicae, Populi, Crataegi, in Germania, Italia, Britannia, (Tab. V, fig. 8. — Ex exemplari origin. *Lophiost. viridarii*).

Perithecia gregaria vel sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; ascii 150-170 \approx 12-15; sporidia 28-35 (raro 40) \approx 8-10, striato-muriculata, gelatinâ cincta.

Lophiostoma perversum De Not. Schema p. 219. Sacc. Syll. Pyr. II, p. 694. Berl. Fungi Moric. fasc. I, n. 4 fig. 1-8 *Sphaeria perv.* De Not. Micr. it. Dec. VII, fig. VIII, p. 125. *Loph. Sambuci* Lehm. Syst. Bearb. p. 14 p. p.

Hab. ad ramulos decorticatos Mori, Populi et Lonicerae (?) in agro Veneto et in monte « Cenisio » (Tab. VI, fig. 4. — Ex exempl. in *Moro alba* in Herb. mev.)

Perithecia subgregaria $\frac{1}{3}$ mm. diam.; ascii 70-80 \approx 12-14; sporidia 20-23 \approx 7. Sporidiis saltem in juventute minute appendiculatis. *L. simillimo* cognatum.

Lophiostoma caulinum (Fr.) Ces. et De Not. Sch. p. 45, Niessl. in Hedw. 1875, p. 21-24, Sacc. Syll. Pyr. II, p. 697. *Sphaeria caul.* Fr. S. M. II, 509. *Loph. mendax* Ces. et De Not. Sch. p. 45. Sacc. Syll. Pyr. II, p. 697. *Loph. commutatum* Lehm. Loph. p. 81, fig. 22. Berl. et Vogl. Add. Syll. p. 429. *Loph. Galii* Lehm. Loph. p. 85. Berl. et Vogl. Add. Syll. p. 428. *Loph. Dipsaci* Lehm. Loph. p. 84, fig. 12. Berl. et Vogl. Add. Syll. p. 428. *Loph. parvulum* Nitsch. in Loph. p. 42, fig. 15. Berl. et Vogl. Add. Syll. p. 428).

Hab. in caulis plantar. plurium, in fere tota Europa et Am. merid. (Tab. VI, fig. 5. — Ex Rehm Ascom. exsicc. n. 181. In *Ononide spinosa*.)

Perithecia sparsa, $\frac{1}{3}$ mm. diam.; ascii 80-90 \approx 12; sporidia 18-22 \approx 6-7. (Cfr. f. *microspora* in *Ononide* Sacc. Syll. l. c. et *Loph. commutatum* Lehm. l. c.)

Forma majus Rehm Asc. n. 749.

Hab. in caulis Artemisiae « Regensburg » (Tab. VI, fig. 6. — Ex exempl. origin. - Asc. n. 749.)

Perithecia sparsa; asci 90-110 \approx 14, (p. sp.); sporidia 28-30 \approx 8.

Forma Sambuei. Sacc. Syll. Pyr. II, p. 698. *Leptosphaeria Samb.* Sacc. Myc. Ven. Sp. p. 104, tab. X, fig. 15-18. *Lophiost. Barbeyanum* Sacc. et Roum. Rev. Myc. 1883, tab. 41, f. 15. Berl. et Vogl. Add. Syll. p. 257. *Loph. Sambuci* Lehm. Syst. Bearb. p. 111, p. p. (an Otth?)

*Hab. in ramis Sambuci nigrae « Padova » Ital. boreal. « Münster » et in Gallia (Tab. VI, fig. 7. — Ex exempl. origin. *Loph. Barbeyan.* in Herb. Sacc.)*

Perithecia sparsa, $\frac{1}{3}$ mm. diam.; asci 80-90 \approx 14-16; sporidia 22-26 \approx 8.

Lophiostoma vagans Fabr. Spher. Vaucl. I, p. 103, fig. 48-49. Sacc. Syll. Pyr. II, p. 698.

Hab. ad caules et ramos varios in Gallia. (Tab. VI, fig. 8. — Ex exempl. origin. in Quercu.)

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; sparsa, rarius gregaria; asci 70-90 \approx 12-14; sporidia 16-20 \approx 6-7. Valde affine *L. caulium*.

Lophiostoma erosum Ellis in Journ. of. Myc. III, p. 44.

Hab. in Salice thelena « Montana » Am. bor. (Tab. VI, fig. 9. — Ex exempl. originali.)

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; asci 100-110 \approx 14; sporidia 22-24 \approx 5-6.

Lophiostoma Arundinis (Fr.) Ces. et De Not. Schema, p. 220. Sacc. Syll. Pyr. II, p. 699. Lehm. Loph. p. 87. *Sphaeria Arund.* Fr. S. M. II, p. 510. *Lophiost. semilibereum* f. *Arundinis* Lehm. Loph. p. 90. *Loph. palustre* Lehm. Loph. p. 89. Berl. et Vogl. Add. Syll. p. 428.

Hab. in culmis exiccatis Arundinis in fere tota Europa (Tab. VI, fig. 10. — Ex exempl. in Herb. Nitsch.)

Perithecia sparsa vel gregaria, $\frac{1}{3}$. mm. diam.; asci 80-90 \approx 12-14; sporidia 28-32 \approx 5-6.

Lophiostoma pseudomacrostomum Sacc. Mich. I, p. 339, Fungi it. 234, Syll. Pyr. II, p. 695. Berl. Fungi Mor. fasc. II, n. 6, fig. 12-18. *Loph. macrostomum* Plur. auc.. *Lophiost. compressum* Lehm. p. p.

*Hab. in ramis plantarum nonnullarum in Italia, Germania, etc. (Tab. VII, fig. 1. — Ex exempl. *Lophidii compressi* in Herb. Nitschk.)*

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., gregaria; asci 100-110 \approx 10; sporidia 22-26 \approx 6-8.

Lophiostoma macrostomoides De Not. Schema. 219, Sacc. Fungi it. 236, Syll. Pyr. II, p. 694. *Sphaeria macr.* De Not. Micr. it. Dec. VII, p. III.

Hab. in ligno Salicium et Populorum in Italia, Germania et Gallia (Tab. VII, fig. 2. — Ex Lophiostomacea populicola a cl. Fabre missa.)

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., gregaria; asci 120-140 \approx 12-14; sporidia 26-28 \approx 7-8.

Lophiostoma oreophilum Speg. Mich. I, p. 467, Sacc. F. it. 609. Syll. Pyr. II, p. 695.

Hab. in ramulis emortuis putr. Corni sanguineae prope « Belluno » It. bor. (Tab. VII, fig. 3).

Perithecia $\frac{1}{4}$ mm. diam.; asci 150 \approx 16-20; sporidia 30-35 \approx 8-10.

Lophiostoma elegans (Fabr.) Sacc. Syll. Pyr. II, p. 702. Berlese Fungi Mor. fasc. I, n. 3 fig. 8-14. *Navicella eleg.* Fabr. Spher. Vaucl. I, p. 97, fig. 36. *Loph. Balsamianum* Cald. in Erb. Critt. it. Ser. I, n. 649, (non De Not.)

Hab. in cortice Mori et Juglandis in Gallia et Italia bor. (Tab. VII, fig. 4. — Ex exempl. *Loph. Bals.* in Erb. critt. l. c.)

Lophiostoma simillimum Karst. Myc. Fenn. II, p. 84, Sacc. Fungi it. 227, Syll. Pyr. II, p. 707. *Loph. bicuspidatum* b. Cooke Handb. p. 849. *Leptosphaeria Achilleae* Sacc. Myc. Ven. Sp. p. 104, t. X, fig. 19 a. b. *Loph. Galeopsis* Lehm. Loph. 4. 84, fig. 13. Berl. et Vogl. Add. Syll. p. 427.

Hab. in ramis et caulis plantarum plurim in Fennia, Britannia, Italia, Gallia. (Tab. III. fig. 5. — Ex exempl. orig. *Lept. Achilleae* in Herb. Sacc.)

Perithecia sparsa vel subgregaria, $\frac{1}{3}$ mm. diam.; asci 85-95 \approx 12-14; sporidia 24-28 \approx 6-8. *Loph. insid.* valde affine, et in nonnullis formis (in *Moro* in *Dipsaco* etc.) aegre distinguendum.

Lophiostoma insidiosum (Desm.) Ces. et De Not. Schema, p. 220. Sacc. F. it. t. 226. Syll. Pyr. II, p. 703. *Sphaeria insid.* Desm. VIII Not. 1841, p. 16, t. 14. *Loph. caulum* Fuck. Symb. p. 156. *Loph. appendiculatum* Niessl nec Fuck. *Loph. gramineum* Sacc. Mich. I, 543. Syll. Pyr. II, p. 704. *Loph. Menthae* Kirkn. in Thuem. F. Austr. n. 1163 et F. novi Austr. p. 3. Sacc. Syll. Pyr. II, p. 705. *Loph. ruscicola* (Fabr.) Sacc. Syll. Pyr. II, p. 705. *Rostrella ruscic.* Fabr. Spher. Vaucl. I, p. 102, fig. 45. *Rostr. Rutae* Fabr. l. c. II, p. 58. *Loph. Rutae* Sacc. Syll. Pyr. II, p. 706. *Rostrella Silai* Fabre l. c. II, p. 58. *Loph. Silai* Sacc. Syll. Pyr. II, p. 706. *Rostr. Cynopis* Fabr. l. c. II, p. 58. *Loph. Cynopis* Sacc. Syll. II, p. 706. *Loph. Lappae* Lehm. Loph. p. 26, fig. 4. Berl. et Vogl. Add. Syll. p. 430.

Hab. in caulis plantarum plurim frequens in tota fere Europa (Tab. VII, fig. 6. — Ex exempl. in Herb. meo, cum multis e variis regionibus Europae comparat.)

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. diam.; asci 70-80 \approx 10; sporidia 20-27 \approx 8-10 (in formis nonnullis etiam 18 et in aliis usque 35 longa).

Lophiostoma Niessleanum Sacc. Mich. I, p. 447. Fungi it. 223. Syll. Pyr. II, p. 705. *Loph. intermedium* Sacc. Myc. I, 322. F. it. 225. Syll. Pyr. II, p. 704. *Loph. Diaporthe* Lehm. Loph. p. 28, fig. 8. Berl. et Vogl. Add. Syll. p. 429. *Loph. chrysosporum* Karst. in Rev. Myc. 1888, Juillet p. 8.

Hab. in caulis Asteris Novi Belgii, Achilleae, Gei urbani, Salviae in ramulis Sambuci racemosae in Italia, Germania et Fennia (Tab. VII, fig. 7. — Ex exempl. orig. in Herb. Sacc.)

Perithecia gregaria vel sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. diam.; asci 80-90 \approx 10-12, sporidia 26-30 \approx 5-7.

Lophiostoma Stuartii Fabr. Spher. Vaucl. I, p. 102, fig. 46. Sacc. Syll.

Pyr. II, p. 699. *Lophidium Santolinae* Fabr. Spher. Vaucl. I, p. 99, fig. 40. Sacc. Syll. Pyr. II, p. 716.

Hab. in ramis Thymi vulgaris, Rosmarini offic. et Santolinae Chamaecyparissi in Gallia (Vaucluse) (Tab. VII, fig. 8. — Ex exempl. origin. in Rosmarino, et cum Lophid. Santol. minute comparato.)

Perithecia sparsa, usque $\frac{1}{2}$ mm. diam.; asci 90-100 \approx 12; sporidia 24-28 \approx 5-7, juvenilia 3-5 septata, numquam (neque in typico *Lophid. Santol.*) muriformia.

Lophiostoma congregatum Harkn. New. Calif. Fungi p. 26. Berl. et Vogl. Add. Syll. p. 259.

Hab. in ramis decortic. Sambuci racem. « Sierra Nevada » Californiae (Tab. VIII. fig. 1. — Ex exempl. origin. in Herb. Sacc.)

Perithecia aggregata, $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam.; asci 110-120 \approx 16-18; sporidia 38-42 \approx 8-10.

Lophiostoma caudatum Fabr. Spher. Vaucl. I, p. 103, fig. 47. Sacc. Syll. Pyr. II, p. 707. *Lophiost. clavisporum* Berl. et Vogl. Funghi Anc. p. 12 Tab. I, fig. 8. *Loph. prominens* Lehm. Loph. p. 38, fig. 10 (non Peck.) Berl. et Vogl. Add. Syll. p. 428.

Hab. in caulibus emort. Lychnidis albae, L. dioicae, Paliuri aculeati, in Italia, Germania et Gallia. (Tab. VIII. fig. 2. — Ex exempl. L. clavisp. in Herb. meo.)

Perithecia sparsa, $\frac{1}{3}$ mm. diam.; asci 90-100 \approx 12-16; sporidia 26-30 \approx 6-8.

Lophiostoma daeryosporum Fabr. Spher. Vaucl. I, p. 103, Sacc. Syll. Pyr. II, p. 708. *Lophiost. Phragmitis* Lehm. Loph. p. 44, fig. 18. Berl. et Vogl. Add. Syll. p. 428.

Hab. in culmis Phragmitis comm. in Italia (Brusegana pr. Padova ubi legit cl. Prof. A. Palma) et in Gallia et Germania (Tab. VIII. fig. 3. — Ex exempl. italicico, cum originalibus gallico et germanico minutiose comparato.)

Perithecia subsparsa, $\frac{1}{3}$ mm. diam.; asci 110-120 \approx 13-16; sporidia 26-30 \approx 6-8.

Lophiostoma biforme Lehm. Loph. p. 69, fig. 47. Berl. et Vogl.-Add. Syll. p. 428.

Hab. in ligno quercino pr. « Parma » It. bor. ubi legit cl. Prof. Pasolini, et « Münster » Moraviae (Tab. VIII. fig. 4. — Ex exempl. origin. in Herb. Nitsch.)

Perithecia conferta, $\frac{1}{3}$ mm. diam.; asci 140-160 \approx 16-22; sporidia 36-40 \approx 8-10 primo triseptata (forma a Lehm.), dein 5-septata (forma b Lehm.)

Lophiostoma collinum Speg. Mich. I, p. 468. Sacc. F. it. 608, Syll. Pyr. II, p. 700. *Loph. melanon* Rehm Asc. n. 528.

*Hab. ad basim fol. Caricum et in culmis Festucae arundin. in Italia bor. (Conegliano, Belluno) et prope « Ausburg » (Tab. VIII. fig. 5. — Ex exempl. origin. *Loph. melan.* in Herb. Sacc.)*

Perithecia laxissime gregaria, $\frac{1}{5}$ mm. diam.; asci 120-150 \approx 14-16; sporidia 28-35 \approx 8-11.

Lophiostoma subcorticale Fuck. Symb. Myc. p. 157. *Lophiosphaera subcortic.* Sacc. Syll. Pyr. II, p. 677 p. p. *Lophiost. simile* Nits. sec. Rehm. Asc. n. 483, Sacc. Syll. Pyr. II, p. 696. (non Fuck.)

Hab. ad torticem interiore Pyri, in Germania. (Tab. VIII. fig. 6. — Ex exempl. *Loph. simil.* Rehm Asc. n. 483).

Perithecia $\frac{1}{3}$ mm. diam., sparsa vel gregaria; asci 160-180 \approx 22-25; sporidia 48-54 \approx 10-12, diu bilocularia, hyalina, dein 7-septata, colorata.

Lophiostoma macrostomum (Tode) De Not. Schema p. 45. Sacc. Fungi it. 135 Syll. Pyr. II, p. 700. Berlese Fungi Mor. fasc. n. fig.

Sphaeria macrostoma Tode Mekl. II, p. 12 fig. 56. Fries Syst. Myc. II, p. 463.

Hab. in cortice crassiore plantarum plurium in tota fere Europa et Am. bor. (Tab. VIII, fig. 7. — Ex exempl. in Herb. Sacc.)

Perithecia $\frac{1}{2}$ - $\frac{2}{3}$ mm. diam., sparsa.; asci 90-110 \approx 16-20; sporidia 36-38 \approx 7-9.

Var. septemseptatum (Cfr. Sacc. Syll. l. c.)

Hab. in cortice Salicis « colli Euganei » Ital. bor. (Tab. VIII, fig. 8).

Perithecia sparsa, $\frac{1}{2}$ mm. diam.; sporidia 40-45 \approx 9-11. Adest etiam var. 9-septata (americana et a cl. Ellis collecta) nobis non visa.

Lophiostoma endophlaeum Pass. Diagn. F. nuovi p. 13 (1887).

Hab. in cortice interiore Persicae vulgaris « Vigheffio » prope « Parma. » It. bor. (Tab. IX, fig. 1. — Ex exempl. origin. a cl. Prof. Passerini benevole comunicato.)

Perithecia subsparsa, $\frac{1}{3}$ mm. diam.; asci 90-110 \approx 10-12; sporidia 22-26 \approx 6-8.

Lophiostoma nigricans Berlese n. sp. Exc. Myc. Frioul. p. 19 (non Lehm.)

Hab. in ramis Tiliae « Osoppo » Italiae bor. (Tab. IX, fig. 2. — Ex exempl. italicico in Herb. meo.)

Perithecia $\frac{1}{2}$ - $\frac{2}{3}$ mm. diam., sparsa; asci 140-150 \approx 16-20; sporidia 38-42

\approx 10-12. A *Loph. Salicum* differt in primis sporidiis torulosis, apice acutioribus.

Lophiostoma Salicum (Fabr.) Sacc. Syll. Pyr. II, p. 702. *Navicella Salic.* Fabre, Sphér. Vaucl. I, p. 98, fig. 38. *Lophiost. nigricans* Lehm. *Loph.* p. 115, fig. 49, Berl. et Vogl. Add. Syll. p. 429.

Hab. in cortice et ligno Salicis in Germania et Gallia (Tab. IX, fig. 3. — Ex exempl. origin. a Fabre benevole comunicato, et cum *Loph. nigric.* Lehm. (typ.) comparato.)

Perithecia $\frac{1}{2}$ - $\frac{2}{3}$ mm. diam., sparsa; asci 150-160 \approx 16-18; sporidia 30-35 \approx 7-9, 5-7-septata, (non 3-5-septata ut dicit cl. Fabre). Valde affine *L. macrostomo* et potius var. (A var. *septemseptatum* hujus speciei sporidiis acutioribus, loculis omnibus concoloribus distinctum.)

Lophiostoma scelestum (C. et Ell.) Sacc. Syll. Pyr. II, p. 697. *Lophiost. microstomum* Cooke et Ell. Grev. IV, p. 179, t. 68, fig. 2. (non Niessl.)

Hab. in ligno acerino, New Jersey et Helderberg Am. bor. (Tab. IX, fig. 4. — Ex exempl. origin. in Herb. Sacc.)

Perithecia $\frac{1}{2}$ - $\frac{2}{3}$ mm. diam., sparsa; asci 80-120 \approx 16-18; sporidia 22-23 \approx 8-10. Dimensiones Cookeanae, etsi eisdem exemplar. sumptae, cum nostris minime convenient. (Cfr. syll. l. c.) Species ostiolis parum (vel subinde minime) compressis, vix inter *Lophiostomaceas* quaerenda et potius generi *Melanommati* adscribenda.

Lophiostoma Julii (Fabr.) Sacc. Syll. Pyr. II, p. 702. Berl. Fungi Mor. fasc. II, n. fig. . *Navicella Julii* Fabre Spher. Vaucl. p. 97, fig. 35.

Hab. ad lignum emortuum Mori albae, « Orange, Vaucluse » Galliae (Tab. IX, fig. 5. — Ex exempl. originali).

Perithecia sparsa $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam.; (raro 1 mm.); asci 160-180 \approx 12-18; sporidia 60-70 \approx 9-12.

Lophiostoma Balsamianum (Ces. et De Not.) Sacc. et Berl. in Berl. Spec. Loph. p. 49, tab. II, fig. 7-12. Sacc. F. it. 242. *Sphaeria excipuliformis* Berk. et Br. Not. Brit. Fungi p. 17 (non Fries) *Loph. excipulif.* Cooke Handb. p. 851. *Loph. excipul.* var. *Balsam.* Rehm. Asc. n. 238. *Navicella Ulmi.* Fabre Spher. Vaucl. p. 58, fig. 37. *Loph. Ulmi* Sacc. Syll. Pyr. II, p. 703. *Loph. Nitschkei* Lehm. Loph. p. 116, fig. 49* Berl. et Vogl. Add. Syll. p. 429. *Loph. macrostomum* Lehm. Loph. 135, fig. 62 (non Tode) *Sphaeria pileata* Tode Meckl. II, p. 13, fig. 18? *Loph. pileat.* Fuck. Symb. Myc. p. 158? *Navicella pileata* Fabre Sphér. Vaucl. I, p. 97. *Lophiost. pileat.* Sacc. Syll. Pyr. II, p. 701 (saltem p.p.) Karst. Rev. Mon. Asc. Fenn. p. 88.

Hab. in cortice duriore arborum nonnullarum in fere tota Europa. (Tab. IX, fig. 6. — Ex exempl. in *Aesculo Hipp.*, in Herb. Passeriniano).

Perithecia $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam., sparsa vel leniter gregaria; asci 180-200 \approx 16-20; sporidia 35-40 \approx 8-12.

Lophiostoma excipuliforme (Fries) Ces. et De Not. Sch. Sfer. p. 45. Sacc. Syll. Pyr. II, p. 700. F. it. tab. 241. Winter Die Pilze II, p. 302 (cum figura) Berl. Fungi Moric. fasc. II, tab. 5. et Sopra Sp. Loph. p. 50, tab. II, fig. 1-6. *Sphaeria excipul.* Fries Obs. myc. I, p. 177, tab. IV, fig. 5, a-c. Syst. Myc. II, p. 469. *Sphaeria Balsam.* De Not. Micr. it. Dec. VII, p. 20, fig. 7. *Sphaeria macrostoma* Curr. Syn. Sympl. Sphaer. p. 321, tab. VIII, fig. 65. *Loph. Balsam.* Sacc. Myc. Ven. Spec. tab. X, fig. 48-51. Syll. Pyren. Vol. II, p. 701 p. p. *Loph. Bommerianum* Sacc. et Roum. in Rev. Myc. 1883, tab. 41, fig. 16. Berl. et Vogl. Add. Syll. p. 259.

Hab. in cortice duriore plantarum plurium in tota Europa (Tab. IX, fig. 7. Ex exempl. in *Moro* in Herb. meo.)

Perithecia sparsa vel subgregaria, maxima, $\frac{3}{4}$ - $1\frac{1}{3}$ mm. diam., asci 300-330 \approx 28-30 (vel 250 \approx 45-50, ubi spor. distic.); sporidia 55-65 \approx 16-20, subinde e latere compressa (fig. nostr. 7 a.)

Lophiostoma macrosporum Speg. in Mich. I, p. 466. Sacc. F. it. 617, Syll. Pyr. II, p. 703.

Hab. in cortice vetusto Quercus pseudo-rubrae prope « Conegliano » It. bor.
(Tab. IX, fig. 8. — Ex Fungis italicis l. c.)

Perithecia $\frac{1}{2}$ -1 mm. diam., sparsa vel laxe gregaria; asci 300-350 \approx 40-50; sporidia 95-100 \approx 20. Species mihi videtur praedistincta.

Species non examinatae, dubiae, vel excludendae¹

Lophiostoma argentinum (Speg.) Sacc. Syll. 690. *L. triseptatum* Peck (Syll. 691). *L. maculans* Fabr. (Syll. 691). *L. fallax* Fabr. (Syll. 691). *L. rhizophilum* (B. et C.) Sacc. Syll. 693 — Mihi dubia. *L. Pinastri* Niessl. (Syll. 695). *L. turritum* C. et P. (Syll. 696). *L. prominens* Peck. (Syll. 696). *L. fibritectum* (Berk.) C. et De Not. (Syll. 696). Species valde iudicanda non certe ad *Loph. biforme* adscribi ut cl. Lehm. opin. (Cfr. Lehm. p. 113). *Loph. Ericarum* Fabr. (Syll. 697). *L. macrostomellum* (Ces.) Sacc. Syll. 697. Mihi dubia. *L. Characiae* Fabr. (Syll. 698). *L. Brachypodii* Fabr. (Syll. 699). In exempl. origin. *Lophiotrema vagab.* tantum inveni. *L. Crista-Galli* (D. et M.) Sacc. Syll. 699. *L. magnatum* C. et P. (Syll. 701). *L. Gaudefroyi* (Fabr.) Sacc. Syll. 705. *L. bicuspidiatum* Cooke (Syll. 707). *L. stenostomum* Ell. et Ev. (Add. Syll. 257). *L. Corni* Pass. (Add. Syll. 257). Exempl. origin. sterile inveni. An idem ac *L. Desmazierii*? *L. floridanum* C. et E. (Add. Syll. 258) *L. roseo-tinctum* Ellis et Ev. (Add. Syll. 259). In exempl. origin. *Leptosph. rubrotinctam* tantum inveni. *Loph. papillatum* Pass. (Add. Syll. 259). In exempl. origin. tantum *Hysterogr. gregario* et *Trematosph. Beccarianam* inveni. *Loph. subcollapsum* Ell. et Ev. (Add. Syll. 426). Ex exempl. typic. nihil eruere potui. *L. demissum* Nitsch. (Add. Syll. 426). Abest in Herb. Nitsch. *L. Spartii* Nitsch. (Add. Syll. 427). Abest in Herb. Nitsch. *L. vexans* Nitsch. (Add. Syll. 427). Non est *Lophiostomacea* sed *Sphaeriaceae*. *Loph. Starbaechii* Karst. Hedw. 1887. *L. Langloisii* Ell. et Ev. in Journ. Myc. III, 44 (1887). Est *Melanomma*, suadente quoque cl. Ellis. *L. Montaniense* Ell. et Ev. Journ. Myc. IV, 64 (1888) Potius *Ceriospora* certe *Sphaeriaceae*. *Loph. stenostomum* Ell. et Ev. Bull. Torr. Bot. Club. X, 89 (1888). Exempl. origin. immatur. inveni. *Loph. minimum* Ell. et Ev. Journ. Myc. IV, p. 75. Potius *Melanomma*. Certe non *Lophiostomacea*. *L. exasperans* Karst. in Herb. Exempl. orig. sterilia inveni. *Lophiostoma intricatum* Lehm. Loph. p. 118 fig. 54. (*Lophiosphaera intric.* Berl. et Vogl. Add. Syll. p. 424). Est: *Melanopsamma pomiformis* var. In eadem matrice sistit etiam *Lophidiopsis nuculoides* (a cl. Lehm. non visa) a cl. Nitschke in schedulis, sub nomine *Lophiostoma intricatum*, descripta. Species valde dubiae, et verisimiliter, meo sensu, sub nominibus variis nuperioribus nobis plenis nota, sunt sequentes *Loph. ventricosum* (Pers.) Sacc. Syll. 708. *L. Utriculus* (Schw.) Sacc. Syll. 709. *L. truncatum* (Pers.) Sacc. Syll. 709. *L. hysteroides* (Schw.) Sacc. Syll. 709. *L. Thapsi* (Schw.) Sacc. Syll. 709. *L. variabile* (Schw.) Sacc. Syll. 710. *L. abbreviatum* (Schw.) Sacc. Syll. 710; Si exemplaria specierum harum, vel amissa sunt, vel, et hoc probabilius, senectute non apta sunt examini microscopico, censeo etiam nomina et diagnoses ex orbe mycologico expellere.

LOPHIDIUM Sacc. Mich. I, p. 340 (nec Karst. olim.) Syll. Pyr. II, p. 711. Karst. Rev. Mon. p. 83. *Mytilostoma* Karst. Symb. Myc. Fenn. VII. *Platystomum* Trev. in Bull. Soc. Bot. Belg. XVI.

Lophidium minus Ellis in Herb. et in litt. ad me.

Hab. ad ramos decorticatos Nyssae « Newfield » Am. bor. (Tab. X, fig. 1. Ex exempl. originali.)

Perithecia sparsa vel hic inde leviter gregaria, $\frac{1}{2}$ - $\frac{1}{2}$ mm. diam.; asci 50-60 \approx 8; sporidia 14-16 \approx 6-8. Ob ostiola vix compressa inter *Lophidium* et *Teichosporum* nutat, et verisimiliter huic aptius adscriendum.

¹ Pro speciebus ad alias seniores relatis confr. *Indicem synonymicum* ad finem totius Familiae adjunctum.

Lophidium Scorpis Fabre Spher. Vaucl. I, p. 101, fig. 44. Sacc. Syll. Pyr. II, p. 110.

Hab. in ramis emort. Genistae Scorpis, « Vaucluse » Galliae (**Tab. X**, fig. 2. — Ex exempl. origin. a cl. Fabr. misso).

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; asci 80-100 \approx 8-10; sporidia 16-18 \approx 6-7.

Lophidium aromaticum Fabre Sphér. Vaucl. I, p. 100, fig. 42. Sacc. Syll. Pyr. II, p. 716. *Lophid. Populi* Fabre l. c. p. 99, fig. 41 Sacc. l. c. p. 713. *Lophid. pseudo-compressum* Sacc. et Berl. in Rev. Myc. 1886 p. 34 (sub. *L. subcompr.*) et Berl. et Vogl. Add. Syll. p. 260.

Hab. ad ramos plantarum variarum aromaticarum, e. g. Thymi vulg., Lavandulae Spicae, Rosmarini offic., Santolinae Chamaec., Inulae graveol., nec non Genistae Scorpis, Rhamni infect., Jasmini fruticantis, Populi nigrae, P. albae in Gallia (Vaucluse) et Algeria. (**Tab. X**, fig. 3. — Ex exempl. orig. *Loph. pseudocompr.* cum iis typicis *Lophidii aromatici* minutiose comparato).

Perithecia sparsa, $\frac{1}{3}$ - $\frac{2}{3}$ (raro amplius) mm. diam.; asci 115-125 \approx 12-15; sporidia 22-24 \approx 9-11.

Lophidium compressum (Pers.) Sacc. Mich. I, p. 340. Syll. Pyr. II, p. 411. *Sphaeria compressa* Persoon Syn. p. 56. *Sph. media* Persoon l. c. p. 54. *Sphaeria angust.* Pers. l. c. p. 55. *Lophiost. compress.* Ces et De Not. Schema p. 45. Sacc. F. it. 233. *Lophiost. angustat.* Fuck. Symb. p. 158. *Lophium Ruborum* Crouan Fin. p. 29. *Lophid. Rubor.* Sacc. Syll. Pyr. II, p. 716. *Sphaeria psilogramma* Dur. et Mont. Fl. Alg. p. 506. *Lophid. psilogr.* Sacc. Syll. Pyr. II, p. 715. *Sphaeria diminuens* Fr. S. M. II, p. 471. (an Pers?) *Lophid. dim.* Sacc. Syll. l. c. p. 714. *Lophid. ambiguum* Fabr. Sphér. Vaucl. I, p. 101. Sacc. Syll. l. c. p. 714. *Lophiost. ramorum* Nitschke in Fuck. Symb. Myc. p. 158. *Lophid. ramorum* Sacc. Syll. l. c. p. 713. *Lophiost. Crouani* Nitsch. in Lehm. Loph. p. 127 fig. 53. *Lophid. Cr.* Berl. et Vogl. Add. Syll. p. 430.

Hab. in ramis arborum plurium in fere tota Europa et America merid. (**Tab. X**, fig. 4. — Ex specimina gallica in *Lonicera*, in Herb. Sacc.)

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., sparsa; asci 100-110 \approx 12-16; sporidia 18-24 \approx 6-8. Species sporidiorum fabrica satis varians. Sporidia saepe transverse 5-septata sed haud raro in eodem specimine 6-7-septata. Plures formas distinguit cl. Lehmann (*Loph.* p. 120-126) sed nobis videtur variationes notatas, potius aetati vel constitutioni individui tribuendas esse. Nonnullae formae vero *Lophidium* hoc ad *Lophiostoma pseudomacrost.* rite appropinquant.

Lophidium deflectens (Karst.) Sacc. Syll. Pyr. II, p. 712, Karst. Rev. Mon. Asc. Fenn. p. 84. *Mytilostoma deflectens* Karst. Symb. ad Myc. Fenn. VI, p. 36. *Mytilost. subcompressum* Karst. Symb. Myc. Fenn. VI, p. 37. *Lophid. subcompr.* Sacc. Syll. Pyr. II, p. 712. *Lophid. compress.* var. *Lapponicum* Karst. Symb. XVI, p. 150, Rev. Mon. Asc. Fenn. p. 84.

Hab. in ligno Alni incanae et Salicum, Mustiala, Sasheika, etc. in Lapponia,

(Tab. X, fig. 5. — Ex specim. origin. *Lophid.* *deflect.* cum iis *L. subcompr.* et *compr.* var. *Lapp.* comparato).

Perithecia sparsa vel gregaria, $\frac{1}{2}$ - $\frac{2}{3}$ mm. diam.; asci 110-120 \approx 10; sporidia 22-26 \approx 7-9. Probe ut var. *L. compress.* habendum.

Lophidium nobile Sacc. Mich. I, p. 340. Syll. Pyr. II, p. 712. *Lophiostoma nobile* Sacc. Mich. I, p. 333, F. it. 232.

Hab. in ramis Lauri nobilis « Vittorio » It. bor. (Tab. X, fig. 6. — Ex specim. original. in Herb. Sacc.)

Perithecia gregaria, $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam.; asci 70-80 \approx 12-16; sporidia 16-20 \approx 6-8. Affine *Loph. compresso* sed satis distinctum.

Lophidium hygrophilum Sacc. Mich. I, 340, Syll. Pyr. II, p. 716. *Lophiostoma hygroph.* Sacc. Mich. I, p. 448, F. it. 221.

Hab. in culmis Arundinis Donacis « Padova » It. bor. (Tab. X, fig. 7. — Ex specim. origin. in Herb. Sacc.)

Perithecia laxe gregaria, $\frac{1}{3}$ mm. diam.; asci 90-110 \approx 14-16; sporidia 20-24 \approx 10-12. Affine *Loph. compresso*.

Lophidium gregarium (Fuck.) Sacc. Mich. I, p. 340, Syll. Pyr. II, p. 713. *Lophiostoma greg.* Fuck. Symb. 158, Sacc. F. it. 230. *Sphaeria Nucula* Fuck. F. rhen. n. 929 (non Fries) *Lophid. curtum* Sacc. Syll. Pyr. II, p. 714, p. p. (Exempl. Bagnis.)

Hab. in cortice duriore Pyri comm. pr. Eberbach Germaniae, « Padova » It. bor. et « Maccarese » It. med. (Tab. XI, fig. 1. — Ex specim. origin. Fuckel.)

Perithecia gregaria, rarius sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; asci 90-120 \approx 14-18; sporidia 26-32 \approx 9-12.

Lophidium fenestrale (Cooke et Ellis) Sacc. Syll. Pyr. II, p. 715. Berlese Fungi Mor. fasc. II, n. 6, fig. 1-11. Berl. et Vogl. Add. Syll. p. 261. *Lophiostoma fenestrale* C. et Ell. Grev. VI, p. 12.

Hab. in ligno Mori « New Jersey Am. bor., et « Padova » It. bor. (Tab. XI, fig. 2. — Ex specim. italicis a me lectis).

Perithecia $\frac{2}{3}$ -1 mm. diam., sparsa; asci 210-220 \approx 24-27; sporidia 58-60 \approx 17-19.

Lophidium pachysporum Sacc. Syll. Pyr. II, p. 714. *Lophiostoma pachysporum* Sacc. Mich. II, 249, F. it. 23.

Hab. in ligno indurato Abietino « Vittorio » It. bor. (Tab. XI, fig. 3. — Ex specim. origin. in Herb. Sacc.)

Perithecia $\frac{1}{4}$ - $\frac{1}{3}$ mm. diam., sparsa; asci 130-150 \approx 18-25; sporidia 36-42 \approx 18-20.

Lophidium thyridiooides Sacc. et Spieg. Mich. I, p. 412, F. it. 357, Syll. Pyr. II, p. 715.

Hab. in ramis decortic. Quercus sessiliflora « Conegliano » It. bor. (Tab. XI, fig. 4. — Ex specim. origin. in Herb. Sacc.)

Perithecia $\frac{1}{2}$ mm. diam., laxe gregaria; asci 140-150 \approx 28-30; sporidia 35-40 \approx 12-14.

Species non examinatae, exclusae vel omittendae.

Lophid. tingens (Ellis) Sacc. Syll. 710. Exemplaria originalia sterilia inveni. *Lophid. Spartii* Fabr. (Syll. 711) Non vidi. *Loph. graphidosporum* (Anzi) Sacc. Syll. 711. Non vidi. Mihi spec. incerta videtur. *Lophid. obtectum* (Peck.) Sacc. Syll. 713. Non vidi. *Lophid. fraudolentum* (Dur. et Mont.) Sacc. Syll. 715. Non vidi. *Lophid. Ritro* Pass. Diagn. Funghi Nuovi p. 14 (Exempl. typ. sterilia inveni) *Lophid. inops*. Pass. l. c. (Exempl. orig. sterilia inveni) *Loph. Cotini* Fabr. (Syll. 711) Spec. orig. steril. inveni.

LOPHIDIOPSIS Berl. nov. genus.

Perithecia plus minus immersa, demum emergentia, sparsa, ostiolo compresso. Asci octospori. Sporidia oblonga, muriformia, hyalina.

Lophidiopsis nuculoides (Rehm) Berl. *Lophiost. Nucula* var. *nuculoides* Rehm Asc. n. 481. *Lophiotrema Nucula* var. *nuculoides* Sacc. Syll. Pyr. II, p. 680. *Lophiost. nuculoides* Winter Die Pilze II, p. 306. *Lophidium nuculoides* Sacc. in Berl. et Vogl. Add. Syll. p. 260. *Lophiost. anisomerum* Nitsch. in Lehm. Loph. p. 86, fig. 56. Berl. et Vogl. Add. Syll. p. 427. *Lophiost. brachystomum* Nitsch. in Lehm. Loph. fig. 59. *Lophidium brachyst.* Berl. et Vogl. Add. Syll. p. 430.

Hab. in cortice Populi et Salicis in Germania et Italia (Parma, Pass.) (Tab. XI, fig. 5. — Ex exempl. in Herb. Nitsch.)

Perithecia $\frac{1}{3}$ - $\frac{3}{4}$ mm. diam.; asci 110-120 \approx 12-15; sporidia 22-26 \approx 7-9, semper hyalina.

LOPHIONEMA Sacc. Syll. Pyr. II, p. 717.

Lophionema vermisporum (Ellis) Sacc. Syll. Pyr. II, p. 717. *Lophiost. vermispor.* Ellis Torr. Bot. Cl. 1882. p. 12.

Hab. in caule emortuo Oenotherae biennis « New Jersey » Am. bor. (Tab. XI, fig. 6. — Ex specim. original. in Herb. Sacc.)

Perithecia $\frac{1}{8}$ - $\frac{1}{5}$ mm. diam., gregaria; asci 150-180 \approx 12-15; sporidia 120-125 \approx 4-5. Ob ostiola subinde cylindracea inter *Lophionema* et *Ophiobolus* medium, sed certe *Lophiostomacea*.

Species exclusa.

Lophiostoma (*Lophionema*) *implexum* Ell. et Ev. Journ. Myc. IV. 75. Est *Ophiobolus* aff. *O. herpotricho* (Ex specim. origin.)

Index synonymicus totius Familiae

<i>abbrviatum</i> (Lophiostoma)	.	.	pag. 16		<i>commutatum</i> (Lophiostoma)	.	.	"	10
<i>acervatum</i> (Lophiostoma)	.	.	"	9	<i>congregatum</i> (Lophiostoma)	.	.	"	13
<i>aequivocum</i> (Lophiotrema)	.	.	"	8	<i>compressa</i> (Sphaeria)	.	.	"	17
<i>affine</i> (Lophiotrema)	.	.	"	6	<i>compressum</i> (Lophiostoma)	.	.	"	11
<i>alpigenum</i> (Lophiotrema)	.	.	"	7	<i>Corni</i> (Lophiostoma)	.	.	"	16
<i>ampelinum</i> (Lophiotrema)	.	.	"	8	<i>Coryli</i> (Lophiotrema)	.	.	"	8
<i>anaxaea</i> (Lophiosphaera)	.	.	"	3	<i>Cotini</i> (Lophiotrema)	.	.	"	7
<i>angustatum</i> (Lophiostoma)	.	.	"	17	<i>crenata</i> (Sphaeria)	.	.	"	7
<i>angustilabra</i> (Sphaeria)	.	.	"	17	<i>crenatum</i> (Lophiotrema)	.	.	"	6
<i>angustilabrum</i> (Lophiostoma)	.	.	"	6	<i>Crista-Galli</i> (Lophiostoma)	.	.	"	16
<i>anisomerum</i> (Lophiostoma)	.	.	"	19	<i>cristata</i> (Lophiosphaera)	.	.	"	4
<i>appendiculatum</i> (Lophiostoma)	.	.	"	7	<i>Crouani</i> (Lophiostoma)	.	.	"	17
<i>appendiculatum</i> (Lophiostoma)	.	.	"	12	<i>culmiphragum</i> (Lophiotrema)	.	.	"	6
<i>argentinum</i> (Lophiostoma)	.	.	"	16	<i>cultum</i> (Lophiostoma)	.	.	"	5
<i>aromaticum</i> (Lophidium)	.	.	"	17	<i>curtum</i> (Lophiostoma)	.	.	"	5
<i>Artemisiae</i> (Lophiotrema)	.	.	"	5	<i>curtum</i> (Lophidium)	.	.	"	18
<i>Arundinis</i> (Lophiostoma)	.	.	"	11	<i>Cynopis</i> (Rostrella)	.	.	"	12
<i>austum</i> (Lophiotrema)	.	.	"	7	<i>daeryosporum</i> (Lophiostoma)	.	.	"	13
<i>Balsamiana</i> (Sphaeria)	.	.	"	15	<i>deflectens</i> (Lophidium)	.	.	"	17
<i>Balsamianum</i> (Lophiostoma)	.	.	"	15	<i>Desmazierii</i> (Lophiostoma)	.	.	"	10
<i>Balsamianum</i> (Lophiostoma)	.	.	"	12	<i>Diaporthe</i> (Lophiostoma)	.	.	"	12
<i>Barbeyanum</i> (Lophiostoma)	.	.	"	11	<i>diminuens</i> (Lophiostoma)	.	.	"	3
<i>Beckhausii</i> (Lophiosphaera)	.	.	"	3	<i>diminuens</i> (Lophiostoma)	.	.	"	10
<i>Bellunense</i> (Schizostoma)	.	.	"	2	<i>diminuens</i> (Sphaeria)	.	.	"	17
<i>bicuspidatum</i> (Lophiostoma)	.	.	"	16	<i>Dipsaci</i> (Lophiostoma)	.	.	"	10
<i>bicuspidatum</i> (Lophiostoma)	.	.	"	12	<i>duplex</i> (Lophiotrema)	.	.	"	5
<i>biforme</i> (Lophiostoma)	.	.	"	13	<i>elegans</i> (Lophiostoma)	.	.	"	12
<i>bonariensis</i> (Lophiosphaera)	.	.	"	4	<i>emergens</i> (Lophiotrema)	.	.	"	8
<i>Bommerianum</i> (Lophiostoma)	.	.	"	15	<i>endophlaeum</i> (Lophiostoma)	.	.	"	14
<i>brachystomum</i> (Lophiostoma)	.	.	"	19	<i>Ericarum</i> (Lophiostoma)	.	.	"	16
<i>Brachypodii</i> (Lophiostoma)	.	.	"	16	<i>erosum</i> (Lophiostoma)	.	.	"	11
<i>Cadubriae</i> (Lophiotrema)	.	.	"	9	<i>exasperans</i> (Lophiostoma)	.	.	"	16
<i>caulium</i> (Lophiostoma)	.	.	"	10	<i>excipuliforme</i> (Lophiostoma)	.	.	"	15
<i>caul f. Sambuci</i> (Lophiostoma)	.	.	"	11	<i>excipuliformis</i> (Sphaeria)	.	.	"	15
<i>caudatum</i> (Lophiostoma)	.	.	"	13	<i>fallacissimum</i> (Lophiostoma)	.	.	"	10
<i>caulium</i> (Lophiostoma)	.	.	"	12	<i>fallax</i> (Lophiostoma)	.	.	"	16
<i>Characieae</i> (Lophiostoma)	.	.	"	16	<i>fenestrale</i> (Lophidium)	.	.	"	18
<i>chrysosporum</i> (Lophiostoma)	.	.	"	12	<i>fibrilectum</i> (Lophiostoma)	.	.	"	16
<i>clavisporum</i> (Lophiostoma)	.	.	"	13	<i>floridanum</i> (Lophiostoma)	.	.	"	16
<i>collinum</i> (Lophiostoma)	.	.	"	13	<i>Fontanesiae</i> (Lophiotrema)	.	.	"	6
<i>compressum</i> (Lophidium)	.	.	"	17	<i>foro Juliensis</i> (Lophiosphaera)	.	.	"	2
<i>conchoides</i> (Lophiostoma)	.	.	"	4	<i>fraudolentum</i> (Lophidium)	.	.	"	19
<i>Cookei</i> (Lophiostoma)	.	.	"	6	<i>Fuckelii</i> (Lophiosphaera)	.	.	"	3

<i>Galeopsidis</i> (Lophiostoma)	.	.	«	12		<i>Mollerianum</i> (Lophiotrema)	.	.	»	8
<i>Gallii</i> (Lophiostoma)	.	.	»	10		<i>Montaniense</i> (Lophiostoma)	.	.	»	16
<i>Gaudrefoyi</i> (Lophiostoma)	.	.	»	16		<i>montellicum</i> (Schizostoma)	.	.	»	2
<i>glaciale</i> (Lophiostoma)	.	.	»	3		<i>Niessleanum</i> (Lophiostoma)	.	.	»	12
<i>glandium</i> (Lophiotrema)	.	.	»	8		<i>nigricans</i> (Lophiostoma)	.	.	»	14
<i>graphidosporum</i> (Lophidium)	.	.	»	19		<i>nigricans</i> (Lophiostoma)	.	.	»	17
<i>gramineum</i> (Lophiostoma)	.	.	«	12		<i>Nitschkei</i> (Lophiostoma)	.	.	»	15
<i>granulosum</i> (Lophiostoma)	.	.	«	9		<i>nobile</i> (Lophidium)	.	.	»	18
<i>granulosum</i> (Lophium)	.	.	»	9		<i>Notarisii</i> (Lophiostoma)	.	.	»	5
<i>gregarium</i> (Lophidium)	.	.	«	18		<i>nucula</i> (Sphaeria)	.	.	»	18
<i>Hederae</i> (Lophiostoma)	.	.	»	6		<i>nucula</i> (Lophiostoma)	.	.	»	8
<i>Helichrysi</i> (Lophiosphaera)	.	.	»	3		<i>nucula</i> (Lophiotrema)	.	.	»	5
<i>heterostoma</i> (Lophiosphaera)	.	.	»	4		<i>nuculinum</i> (Lophiostoma)	.	.	»	5
<i>hungaricum</i> (Lophiotrema)	.	.	»	5		<i>nuculoides</i> (Lophidiopsis)	.	.	»	19
<i>hygrophilum</i> (Lophidium)	.	.	«	18		<i>oblongatum</i> (Lophiostoma)	.	.	»	10
<i>hysterioides</i> (Lophiostoma)	.	.	«	15		<i>obtectum</i> (Lophidium)	.	.	»	19
<i>hysterioides</i> (Lophiotrema)	.	.	«	4		<i>oreophilum</i> (Lophiostoma)	.	.	»	11
<i>implexum</i> (Lophiostoma)	.	.	«	19		<i>Origani</i> (Lophiostoma)	.	.	»	5
<i>inops</i> (Lophidium)	.	.	»	19		<i>pachysporum</i> (Lophidium)	.	.	»	18
<i>insculptum</i> (Lophiostoma)	.	.	»	7		<i>pachytele</i> (Schizostoma)	.	.	»	2
<i>insidiosum</i> (Lophiostoma)	.	.	«	12		<i>pallidum</i> (Lophiotrema)	.	.	»	8
<i>intermedium</i> (Lophiostoma)	.	.	«	12		<i>palustre</i> (Lophiostoma)	.	.	»	11
<i>intricata</i> (Lophiosphaera)	.	.	«	2		<i>papillatum</i> (Lophiostoma)	.	.	»	16
<i>intricatum</i> (Lophiostoma)	.	.	«	16		<i>parvulum</i> (Lophiostoma)	.	.	»	8
<i>isomerum</i> (Lophiostoma)	.	.	«	9		<i>parvulum</i> (Lophiostoma)	.	.	»	10
<i>Julii</i> (Lophiostoma)	.	.	«	15		<i>perpusilla</i> (Lophiosphaera)	.	.	»	4
<i>Langloisii</i> (Lophiostoma)	.	.	«	16		<i>perversum</i> (Lophiostoma)	.	.	»	10
<i>Lappae</i> (Lophiostoma)	.	.	«	12		<i>Phragmitis</i> (Lophiostoma)	.	.	»	13
<i>leucosporum</i> (Lophiotrema)	.	.	«	4		<i>pileata</i> (Sphaeria)	.	.	»	15
<i>lignicola</i> (Lophiosphaera)	.	.	«	3		<i>Pinastri</i> (Lophiostoma)	.	.	»	16
<i>Ligustri</i> (Lophiostoma)	.	.	«	5		<i>Populi</i> (Lophidium)	.	.	»	17
<i>littorale</i> (Lophiotrema)	.	.	«	7		<i>praemorsum</i> (Lophiotrema)	.	.	»	6
<i>Lonicerae</i> (Lophiotrema)	.	.	«	5		<i>prominens</i> (Lophiostoma)	.	.	»	13
<i>macrosporum</i> (Lophiostoma)	.	.	«	15		<i>prominens</i> (Lophiostoma)	.	.	»	16
<i>macrostoma</i> (Sphaeria)	.	.	«	15		<i>Pruni</i> (Lophiostoma)	.	.	»	9
<i>macrostomellum</i> (Lophiostoma)	.	.	«	16		<i>pseudo-compressum</i> (Lophidium)	.	.	»	17
<i>macrostomoides</i> (Lophiostoma)	.	.	«	11		<i>pseudomacrostomum</i> (Lophiostoma)	.	.	»	11
<i>macrostomum</i> (Lophiostoma)	.	.	«	11		<i>psilogramma</i> (Sphaeria)	.	.	»	17
<i>macrostomum</i> (Lophiostoma)	.	.	«	15		<i>pulveracea</i> (Lophiosphaera)	.	.	»	4
<i>macrostomum</i> (Lophiostoma)	.	.	«	14		<i>pusillum</i> (Lophiotrema)	.	.	»	8
<i>maculans</i> (Lophiostoma)	.	.	«	16		<i>quadrinucleatum</i> (Lophiostoma)	.	.	»	8
<i>magnatum</i> (Lophiostoma)	.	.	«	16		<i>quadr. var. caespitosum</i> (Lophiostoma)	.	.	»	9
<i>massarioides</i> (Lophiotrema)	.	.	«	7		<i>quadr. var. dumeti</i> (Lophiostoma)	.	.	»	9
<i>media</i> (Sphaeria)	.	.	«	17		<i>quadr. var. Rosacearum</i> (Lophiostoma)	.	.	»	9
<i>melainon</i> (Lophiostoma)	.	.	«	13		<i>querctei</i> (Lophiosphaera)	.	.	»	2
<i>mendax</i> (Lophiostoma)	.	.	«	10		<i>radicans</i> (Lophiostoma)	.	.	»	5
<i>Menthae</i> (Lophiostoma)	.	.	«	12		<i>ramorum</i> (Lophiostoma)	.	.	»	17
<i>meridionalis</i> (Lophiostoma)	.	.	«	3		<i>recedens</i> (Lophiotrema)	.	.	»	8
<i>microcarpum</i> (Lophiostoma)	.	.	«	5		<i>Requierii</i> (Lophiostoma)	.	.	»	9
<i>microsporum</i> (Schizostoma)	.	.	«	1		<i>rhizophilum</i> (Lophiostoma)	.	.	»	16
<i>microstomum</i> (Lophiostoma)	.	.	«	14		<i>rhopaloides</i> (Lophiostoma)	.	.	»	9
<i>minimum</i> (Lophiostoma)	.	.	«	16		<i>Ritro</i> (Lophidium)	.	.	»	19
<i>minus</i> (Lophidium)	.	.	«	16		<i>roseo-tinctum</i> (Lophiostoma)	.	.	»	16
<i>myriocarpum</i> (Lophiotrema)	.	.	»	8		<i>rubicolum</i> (Lophiostoma)	.	.	»	3

<i>rubidum</i> (Lophiotrema)	.	.	"	5		<i>subcollapsum</i> (Lophiostoma)	.	.	"	16
<i>Ruborum</i> (Lophidium)	.	.	"	17		<i>subcorticale</i> (Lophiostoma)	.	.	"	14
<i>Ruborum</i> (Lophium)	.	.	"	17		<i>subcorticalis</i> (Lophiosphaera)	.	.	"	3
<i>ruscicola</i> (Lophiostoma)	.	.	"	12		<i>Syringae</i> (Lophiostoma)	.	.	"	10
<i>Rutae</i> (Rostrella)	.	.	"	12		<i>thyridoides</i> (Lophidium)	.	.	"	18
<i>Salicum</i> (Lophiostoma)	.	.	"	14		<i>Thuemelianum</i> (Lophiostoma)	.	.	"	7
<i>Sambuci</i> (Lophiostoma)	.	.	"	10		<i>tingens</i> (Lophidium)	.	.	"	19
<i>sambucivora</i> (Trematosphaeria)	.	.	"	5		<i>truncatum</i> (Lophiostoma)	.	.	"	16
<i>Santolinae</i> (Lophidium)	.	.	"	13		<i>triseptatum</i> (Lophiostoma)	.	.	"	16
<i>scelestum</i> (Lophiostoma)	.	.	"	14		<i>tuyutense</i> (Schizostoma)	.	.	"	2
<i>Schizostoma</i> (Lophiosphaera)	.	.	"	4		<i>turritum</i> (Lophiostoma)	.	.	"	16
<i>Schomburgkii</i> (Schizostoma)	.	.	"	2		<i>Ulmi</i> (Navicella)	.	.	"	15
<i>Scorpii</i> (Lophidium)	.	.	"	17		<i>Utriculus</i> (Lophiostoma)	.	.	"	16
<i>Scrophulariae</i> (Lophiotrema)	.	.	"	5		<i>vagabundum</i> (Lophiotrema)	.	.	"	5
<i>Scrophulariae</i> (Lophiotrema)	.	.	"	8		<i>vagab.</i> var <i>radicans</i> . (Lophiotr.)	.	.	"	5
<i>Sedi</i> (Lophiotrema)	.	.	"	8		<i>vagans</i> (Lophiostoma)	.	.	"	11
<i>semiliberum</i> (Lophiostoma)	.	.	"	11		<i>variabile</i> (Lophiostoma)	.	.	"	16
<i>semiliberum</i> (Lophiotrema)	.	.	"	6		<i>ventricosum</i> (Lophiostoma)	.	.	"	16
<i>sex-nucleatum</i> (Lophiostoma)	.	.	"	6		<i>vermisporum</i> (Lophionema)	.	.	"	19
<i>Silai</i> (Rostrella)	.	.	"	12		<i>vexans</i> (Lophiostoma)	.	.	"	16
<i>simile</i> (Lophiostoma)	.	.	"	14		<i>vicinellum</i> (Schizostoma)	.	.	"	2
<i>simile</i> (Lophiostoma)	.	.	"	7		<i>vicinissimum</i> (Schizostoma)	.	.	"	2
<i>simillimum</i> (Lophiostoma)	.	.	"	12		<i>vicinum</i> (Schizostoma)	.	.	"	1
<i>Spartii</i> (Lophidium)	.	.	"	19		<i>Viburni</i> (Lophiotricha)	.	.	"	8
<i>Spartii</i> (Lophiostoma)	.	.	"	16		<i>vigheffulensis</i> (Lophiosphaera)	.	.	"	1
<i>stenogramma</i> (Lophiotrema)	.	.	"	8		<i>vigheffulense</i> (Lophiotrema)	.	.	"	4
<i>stenostomum</i> (Lophiostoma)	.	.	"	16		<i>viridarium</i> (Lophiostoma)	.	.	"	10
<i>striatum</i> (Lophiostoma)	.	.	"	10		<i>Winteri</i> [Lophiotrema]	.	.	"	6
<i>Stuartii</i> (Lophiostoma)	.	.	"	12		<i>Yerdoni</i> [Lophiostoma]	.	.	"	6
<i>subcompressum</i> (Mytilostoma)	.	.	"	17						

Ad synonyma *Lophiotrem. praemorsi* adde *Lophiost. dolabriforme* De Not. Sfer. it. p. 69, tab. 69. Sacc. Syll. Pyr. II, p. 701 (Exempl. originalia cl. Prof. Piotta benevolè nuper comunic.) *Lophiost. Notarisii* Crouan idem ac *Loph. insid.* (Cfr. Lehmann Zeph. p. 69).

Prospectus Lophiostomacearum omnium

Species <i>Lophiostomacearum</i> in Syll ge descriptae	.	.	.	n. 158
"	"	in Additamentis ad Syll.	.	"
"	"	in Opusculis Addit. nuperioribus (1887-90)	.	" 18
Tot. n. 232				

Species <i>Lophiostomac.</i> in Iconibus meis descriptae	.	.	.	n. 81
Species exclusae (h. est ad alias seniores relatas)	.	.	.	" 84
" <i>dubiae</i>	.	.	.	" 22
" <i>non examinatae</i>	.	.	.	" 45
Tot. n. 232				

SPHAERIACEAE Fries S. Veg. Sc. p. 381 p.p. Sacc. Syll. Pyr. I, p. 88.

Simplices vel compositae; perithecia a stromatis substantia (ubi stroma adest) distincta, nigricantia, ostiolo rotundo dehiscentia.

Clavis analytica Sectionum.

A Sporidia allantoidea (h. e. continua cylindrica saepe curvula)	.....	Allantosporae
B Sporidia non allantoidea		
a continua		
§ colorata	.....	Phaeosporae
§§ hyalina	.....	Hyalosporae
b uniseptata (<i>Didymosporae</i>)		
§ colorata	.....	Phaeodidymae
§§ hyalina	.....	Hyalodidymae
c transverse bi-pluriseptata (<i>Phragmosporae</i>)		
§ colorata	.....	Phaeophragmiae
§§ hyalina	.....	Hyalophragmiae
d muriformia (<i>Dictyosporae</i>)		
§ colorata	.....	Phaeodictyae
§§ hyalina	.....	Hyalodictyae
e filiformia	.....	Scolecosporae

Sect. **Phaeophragmiae** ¹ Sacc. Syll. Pyr. II, p. 1.

Simplices vel compositae. Sporidia oblonga vel fusoidea, pluriseptata, olivacea, mellea vel fuliginea.

MASSARIA De Not. in Giorn. Bot. It. I, 333. Sacc. Syll. Pyr. II, p. 2.

Perithecia tecta, papillata; asci octospori (rite evoluti); sporidia muco obvoluta.

Massaria foedans Fr. S. Veg. Sc. p. 359. Fuck. Symb. myc. 152, t. IV, fig. 4. Sacc. Syll. Pyr. II, p. 2. *Sphaeria foedans* Fr. S. M. II, 480. *Sph. amblyospora* Berk. et Br. N. Brit. F. n. 621. *Splanchnonema pustulatum* Corda in Sturm's Deutsch. Fl. II, p. 115, tab. 54.

Hab. in ramis emortuis Ulmi camp. et U. effusae in Germania, Italia, Fennia, Britannia. (Tab. XII, fig. 1. — Ex Rehm. Asc. n. 437.)

Perithecia $\frac{1}{2}$ mm. diam., subsparsa; asci 180-210 \times 40-45; sporidia 48-52 \times 20-24.

Massaria loricata Tul. Carp. II, 230 Sacc. Syll. Pyr. p. 3. *M. foedans* f. *faginea* Sacc. Mich. I, 40. *M. inquinans* De Not. Atti Congr. Mil. 1844 (nec Tode) *Mass. Fagi* Fuck. Symb. Nachtr. I, p. 14. Sacc. Syll. Pyr. II, p. 6.

1 Pro clave analyt. generum cfr. Sacc. Syll. I, c.

Hab. in ramis fagineis in Germania, Gallia, Italia, Belgio. (**Tab. XII, fig.**

2. — Ex *M. foed. f. fagin.* in Herb. Sacc.)

Perithecia sparsa $\frac{1}{3}$ mm. diam.; asci 130-160 \approx 25-30; sporidia 40-45 \approx 16-20.

A *Mass. foed.* sporidiis minoribus, haud raro 4-sept. diff.

Massaria Aesculi Tul. Carp. II, 227. Fuck. Symb. Myc. Nachtr. I, p. 302.

Sacc. Syll. Pyr. II, p. 3. *Sphaeria Pupula* Fr. S. M. II, 484, p. p. *Mass. Pupula* Sacc. Syll. Pyr. II, sp. 3, p. p. *Mass. pyxidata* Riess in Fres. Beitr. 61, t. VII, fig. 1-6. Sacc. Syll. Pyr. II, p. 4.

Hab. in ramis Aesculi Hippocastani (an etiam Aceris et Philadelphi?) in Germania, Gallia, Italia, (**Tab. XII, fig. 3.** — Ex exempl. in Herb. Sacc.)

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., sparsa; asci 130-170 \approx 30-35; sporidia 46-55 \approx

14-16. Sistit status conidicus *Steganosporium Aesculi* conidiis (fig. a) 35-40 \approx 16-20. Fig. b. Peritheciun juvenile cultum.

Massaria inquinans (Tode) Fr. Summa V. Sc. 369. Sacc. Syll. Pyr. II,

p. 5. *Sphaeria inquin.* Tode Meckl. II, p. 17, fig. 85. *Variolaria ellipsosperma* Bull. Champ. Fr. I, p. 183, tab. 492. *Mass. Bulliardii* Tul. Sel. Carp. II, p. 236.

Sphaeria gigaspora Desm. XX Not. p. 9 et Crypt. Fr. II, n. 1765 (saltem p.p.) *Mass. gigaspora* Ces. et De Not. Sch. p. 43. *Mass. gigaspora* Fuck. Symb. App. 28, fig. 7. Sacc. Syll. Pyr. II, p. 4. *Mass. callispora* Sacc. Mic. I, p. 40, F. it. 414. Syll. Pyr. II, p. 5. *Mass. vomitoria* B. et C. North. Am. F. Sacc. Syll. Pyr. II, p. 9. (ex spec. origin. !)

Hab. in ramis Aceris in tota Europa et Am. bor. (**Tab. XII, fig. 1.** — Ex specim. *Mass. gigasp.* Libert n. 1108 cum aliis multis europ. et americ. minutiōse comparato).

Perithecia gregaria, $\frac{2}{3}$ -1 mm. diam.; asci 180-240 \approx 60-70; sporidia 90-100

\approx 20-27, et non raro in eodem perithecio etiam 75-85 \approx 20-28. Pulchra et gigantea species! In *Acero* frequens. Maculis pallidis, nigro-marginatis corticis interioris et ligni superficie, mox dignoscenda species.

Massaria Ulmi Fuck. Symb. 153, tab. VI, fig. 8 Sacc. Syll. Pyr. II, p. 6.

Hab. in ramis Ulmi in Germania, Gallia et Italia. (**Tab. XIII, fig. 2.** — Ex specim. in Herb. Sacc.)

Perithecia gregaria, $\frac{1}{2}$ mm. diam.; asci 180-220 \approx 30-35; sporidia 60-70 \approx

20-25, et subinde 58 \approx 24. Affinis (sed distincta) *Mass. inquin.*

Massaria conspureata (Wallr.) Sacc. Syll. Pyr. II, p. 11. Rehm asc. n.

882. *Sphaeria consp.* Wallr. Fl. Cyp. II, n. 3775.

Hab. in ramis Pruni Padi in Germania et « Groenendal » in Belgio (**Tab. XIII, fig. 3.** Ex specim. a cl. dom. Rousseau lect. et in Rehm Asc. n. 882 edit.)

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., subgregaria; asci 200 \approx 30-35; sporidia 75-80 \approx 14-

17. A *Mass. inquin.*, cui aff., in primis crassitudine valde minori sporidiorum differt.

Massaria epileuca Berk. et Curt. North. Am. F. n. 379, Sacc. Syll. Pyr. II,

p. 7. Berl. Fungi Mor. fasc. IV n. 2, fig. 1-6 *Mass. denigrans* Sacc. Myc. Ven. I, n. 83.

Hab. in ramis Mori albae « Padova » It. bor. et M. rubrae in Am. bor.
(Tab. XIV, fig. 4.) — Ex speciminibus a me lectis).

Perithecia $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam., ostiolo deciduo, peridermio adhaerente, late aperta, gregaria; asci 180-200 \approx 22-30 (subinde 50-55 lati); sporidia 70-76 \approx 22-26.

Massaria Platani Ces. in Rabh. F. Eur. 323, (1842) et in Comm. Soc. Critt. I, p. 217. Sacc. Syll. Pyr. II, p. 7. *Sphaeria Pupula* Fr. Syst. Myc. II, p. 484, p. p. *Mass. atroiniquians* B. et C. North Am. F. n. 978 (ex spec. origin.) Sacc. Syll. Pyr. II, p. 8. *Sphaeria semitecta* B. et C. N. Am. F. n. 936? *Mass. semitecta* Sacc. Syll. Pyr. II, p. 8?

Hab. in ramis Platani in Italia, Gallia, Germania et Am. bor. (**Tab. XIV, fig. 2.**)

Perithecia subsparsa, $\frac{3}{4}$ mm. diam.; asci 180-210 \approx 40-45; sporidia 58-72 \approx 16-19. Status pycnidicus sistit *Hendersonia Desmazieri* peritheciis $\frac{1}{3}$ mm. diam.; sporulis 40-42 \approx 18-20 (Cfr. fig. 2, a.)

Massaria Argus (B. et Br.) Tul. Carp. II, 227, Fuck. Symb. 152, tab. VI, fig. 6. Sacc. Syll. Pyr. II, p. 7. *Sphaeria Argus* Berk. et Br. Not. Brit. F. n. 626, tab. IX, fig. 9. *Mass. Niessleana* Rehm Asc. n. 645, Sacc. Syll. Pyr. II, p. 7.

Hab. in ramis Betulae albae in Germania. (**Tab. XIV, fig. 3.**) — Ex specim. origin. Berkeleyanis a cl. Cooke benevole comunicatis).

Perithecia gregaria, $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam.; asci 200-220 \approx 40-44; sporidia 60-64 \approx 18-20.

Massaria macrospora (Desm.) Sacc. Syll. Pyr. II, p. 10. *Sphaeria macr.* Desm. XVI Not. p. 350. *Mass. epiphobia* Riess in Fres. Beitr. Myk. II, p. 61, tab. VII, fig. 35-40. *Melogramma oligosporum* Berk. et Br. Not. Brit. F. n. 895, tab. XI, fig. 38. *Cucurbitaria macr.* Ces. et De Not. Schema p. 215 Tul. Carp. II, p. 221, tab. XXVI, fig. 6-14.

Hab. in ramis corticat. Fagi in Galia, Britannia, Italia, Germania et Belgio (**Tab. XV, fig. 1.**) — Ex specimin. origin. in Desm. Pl. Crypt. Fr. n. 2056).

Perithecia caespitose collecta, $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam.; asci 180-200 \approx 30-35; sporidia 50-58 \approx 18-20. Vix *Massaria!* Peritheciorum dispositione *Cucurbitariam* re-vocans, et sporidiorum fabrica ad *Massariam* adscribenda. Sistit status conidicus, *Coryneum macrosporum* (fig. I, a), conidiis 110-120 \approx 16-18.

Massaria pulchra Harkn. New. Calif. F. p. 24. Berl. et Vogl. Add. Syll. p. 132.

Hab. in ramis emort. Umbellulariae californicae « Saussalito » Californiae. (**Tab. XV, fig. 2.**) — Ex specim. original. in Herb. Sacc.)

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam. (non 1-1 $\frac{1}{2}$ ut in Hark.), sparsa; asci 160-180 \approx 45-55; sporidia 53-60 \approx 18-22, Sec. Cl. Harkn. sporidia tandem fuscescunt, ego vero semper hyalina observavi. An potius *Massarina*?

Massaria marginata Fuck. Symb. myc. App. II, p. 28, fig. 6. Sacc. Syll. Pyr. II, p. 9.

Hab. in ramos emort. Rosae caninae in « Jura » *Helvetiae et Berberidis vulg.* in *It. bor.* (Saccardo) (**Tab. XV, fig. 3.**) — Ex specim. a cl. Prof. Sacc. lect.)

Perithecia gregaria, $\frac{1}{2}$ mm. diam.; asci 160-180 \approx 20; sporidia 32-36 \approx 12-16, subinde minute muriculata. Sporidiis iunioribus subinde muricul. Exemplaria saccardiana, cum diagnosi fuckel. non perfecte congruunt. An res aliena?

Species non examinatae dubiae vel excludendae¹

Mass. urceolata (Wallr.) Sacc. Syll. 4. Mihi dubia. Sec. Tul. (Carp. II, 231) a *Mass. carpinicola*, non a me visa, « longe aliena. » *Mass. Piri* Ottb (Syll. 4) Dubia. *Mass. Corni* Non vidi. *Mass. rhypontha* Mont. (Syll. 8) Non vidi. *Mass. Antoniae* Fabr. (Syll. 8) Non vidi. *Mass. stipitata* Fuck. (Syll. 8) Verisimiliter *Leptosphaeria*. *Mass. alpina* Sacc. et Speg. (Syll. 8) Idem ac *Lophiostoma Desmazieri* *Mass. Fuchelii* Nitsch. (Syll. 9) Non vidi. *Mass. hirta* (Fr.) Fuck. (Syll. 9) Est *Leptosphaeria*. *Mass. Hoffmannii* Fr. (Syll. 10) Dubia. Verisimiliter *Pseudovalsa*. *Mass. occulta* Rom. (Add. Syll. 131). Non vidi. *Mass. micacea* Kunze (Add. Syll. 132) Exempl. Kunzeana (in Herb. Sacc.) immatura! *Mass. cleistotheca* Harkn. (Add. 131) Non vidi. Si sporidia constanter hyalina, aptius sub *Massarina* inquirenda. Species sequentes ubi non diligentius examinari possint, ex orbe mycetum excludendae videntur. Verisimiliter pleraque ad species notas, vel ad alia genera adscribendae. *Mass. Gerardi* Cooke (Syll. 10) *Mass. squalens* Fr. (Syll. 11) *Mass. crypta* Fr. (Syll. 11) *Mass. protusa* (Fr.) Ces. et De Not. (Sacc. Syll. 11) *M. succinta* (Wallr.) Sacc. Syll. 11. *M. maculata* (Wallr.) Sacc. Syll. 11. *M. circumscissa* (Pers.) Sacc. Syll. 12.

Caryospora De Not. Micr. it. Dec. IX (em.) Syll. Pyr. II, p. 122. Cum gen. *Trematosph.* cognatum.

Caryospora Putaminum (Schw.) De Not. Micr. l. c. Sacc. Syll. Pyr. II, l.c.

Hab. in putamine putrescente Persicae vulg. in Italia, Germania et America. (**Tab. XVI, fig. 1.**) — Ex specimin. italicis in Herb. Sacc. cum americanis comp.)

Perithecia sparsa, $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam.; asci 260 \approx 300 \approx 50-60; sporidia 90-100 \approx 32-36, 5-septata.

Caryospora callicarpa (Curr.) Nitsch. in Fuck. Symb. p. 163, t. 3, fig. 9. Sacc. Syll. Pyr. II, p. 123 (non Mich. I, 331, neque F. it. 202). *Sphaeria callicarpa* Curr. Simpl. Sphaer. p. 321, tab. 58, fig. 62.

Hab. in ligno quercino dejecto in Rhenogovia (Fuck.) et in Britannia (Curr.) (**Tab. XVI, fig. 2.**) — Ex specim. Fuckel. in Fung. Rhen. n. 1813 a cl. Rehm benevole comunicato).

Perithecia sparsa, $\frac{1}{2}$ - $\frac{3}{4}$ mm. diam.; asci 220-250 \approx 55-65; sporidia 85-90 \approx 37-40. A *C. Putamin.* haud nimis diversa.

CLYPEOSPHAERIA Fuck. Symb. p. 117 Sacc. Syll. II, p. 90.

Clypeosphaeria Notarisii Fuck. l. c. Sacc. l. c. *Sphaeria clypeiformis* De Not. Erb. Critt. it. I, 47 nec Lacr. *Sph. clypeata* Nees Syst. fig. 355. *Sphaeria*

¹ Species plures hujus generis et sequentium in calce positaas, in posterum studere spero.

mammillana Fr. S. M. II, 487 ? *Clypeosph. mamm.* Lamb. Fl. myc. Belg. II, p. 247 ? Sacc. Syll. Pyr. II, p. 90 ? *Clyp. limitata* Fuck. Symb. Myc. p. 117, t. IV, fig. 48 a, b. *Sphaeria 'Corni* Fuck. Enum. Nass. n. 594, t. I, fig. 15, a, b, c. *Sph. limit.* Pers. ? *Clypeosphaeria euphorbiacea* Pass. et Beltr. F. Sic. novi n. 8. Sacc. Syll. Pyr. II, p. 92. *Clypeosph. Morreni* Sacc. in Rev. Myc. 1884, Berl. et Vogl. Add. Syll. p. 146.

Hab. in ramis, sarmentis, caulinibus plantarum plurium in tota fere Europa. Omnia specim. *C. limitatae* et *C. mammill.*, observata ab illis original. *C. Notarisii* non distincta. (Tab. XVII, fig. 1. Ex specim. origin. Notarianis).

Perithecia sparsa, (subinde sub eodem stromate bina) vel gregaria, $\frac{1}{3}$ mm. diam.; asci 100-110 \approx 8-9; sporidia 18-22 \approx 5-6, saepe e latere parum compressa.

Species non examinatae vel dubiae¹

Clyp. osculanda (Pr.) Sacc. Syll. 91. *Cl. subaligera* (B. et C.) Sacc. Syll. 71. *C. Hendersoniae* (Ell.) Sacc. Syll. 81. *C. crenulata* (Berk.) Sacc. Syll. 91. *C. contempta* (D. et M.) Sacc. Syll. 92. *C. Hyperici* Plowr. et Phill. (Syll. 92) *C. aliquanta* (C. et Ell.) Sacc. Syll. 92.

CHAETOSPHAERIA Tul. Carp. II, p. 252 (em.) Sacc. Syll. Pyr. II, p. 92.

Chaetosphaeria atrobarba (C. et Ell.) Sacc. Syll. Pyr. II, p. 96. *Sphaeria atrobarba* C. et E. in Grev. VIII, p. 15.

Hab. in ramis decort. « New Jersey » Am. bor. (Tab. XVII, fig. 2. — Ex specim. origin. a cl. Cooke benevole comun.)

Perithecia $\frac{1}{6}$ mm. diam., sparsa; asci 50-60 \approx 7-9; sporidia 11-14 \approx 3-4. Verisimiliter var. *C. innumerae*. Sistit. stat. conid. (fig. 2, a) 'Periconia' sp. hyphis $\frac{1}{6}$ - $\frac{1}{5}$ mm. alt.; conidiis ovoideis, fuligineis.

Chaetosphaeria innumera (B. et Br.) Tul. Carp. II, p. 252 tab. XXXII, fig. 7-9. Sacc. Syll. Pyr. II, p. 95. *Sphaeria innum.* B et Br. Outl. p. 395.

Hab. in ligno quercino in Gallia et Britannia (Tab. XVII, fig. 3. a stat. conid. — Ex specim. origin. Berkeleyana).

Perithecia gregaria; asci 70-80 \approx 6-8; sporidia 13-15 \approx 4-5; conidia 10-12 \approx 4-5.

Chaetosphaeria parvicapsa (C.) Sacc. Syll. Pyr. II, p. 94. *Sphaeria parvic.* Cooke Grev. VII, p. 52.

Hab. in lignis « Aiken » Carol. Am. bor. (Tab. XVII, fig. 4. a st. conid. — Ex specimin. orig. a cl. C. benevole comunic.

Perithecia $\frac{1}{10}$ - $\frac{1}{8}$ mm. diam., sparsa; asci..... non visi; sporidia 13-15 \approx 3-4; conidia spiraliter curvata 18-22 \approx 20-24.

Chaetosphaeria phaeostroma Fuck. Symb. p. 166, t. II, fig. 40. Sacc. Syll. Pyr. II, p. 93. *Sphaeria phaeostr.* Dur. et Mont. Fl. Alg. I, p. 491, tab. XVI, fig. 2.

Hab. in ramis plantar. variar. in fere tota Europa et Am. bor. (Tab. XVII, fig. 5 a stat. conid. — Ex specimin. anglicis in Plowr. Sphaer. brit. I, n. 62).

Perithecia gregaria, conferta; $\frac{1}{4}$ mm. diam.; asci 65-75 \approx 16-20; sporidia 25-30 \approx 7-9; conidia 35 \approx 10.

Chaetosphaeria bihyalina (B. et Br.) Sacc. Syll. Pyr. II, p. 93. *Sphaeria bihyal.* B. et Br. F. of. Ceyl. n. 1087. *Chaetosp. fusca* Fuck. Symb. myc. p. 166, Sacc. F. it. 191, Syll. Pyr. II. p. 93.

Hab. in ramis emort. plantar. variar. in Italia, Germania, Gallia, et Ceylon. (**Tab. XVII, fig. 6.** a st. conid. — Ex specim. a cl. Prof. Sacc. lectis, et cum origin. *C. bihyalinae* minutiose comparatis).

Perithecia gregaria, $\frac{1}{4}$ mm. diam.; asci 60-70 \approx 10-12; sporidia 18-22 \approx 6-7; conidia 40-50 \approx 5-7; hyphae 100-150 \approx 4-5. Verisimiliter ut var. *C. phaeostr.* habenda.

Chaetosphaeria parvula Sacc. Fungi Ven. IV, p. 3. F. it. 190. Syll. Pyr. II, p. 94.

Hab. in ramis decorticat. emort. Castaneae vescae « Selva » It. bor. (**Tab. XVII, fig. 7.** — Ex specim. origin. in Herb. Sacc.)

Perithecia gregaria, $\frac{1}{9}$ - $\frac{1}{6}$ mm. diam.; asci 55-65 \approx 17-20; sporidia 17-20 \approx 7-8, semper hyalina. Vix *Chaetosp.* ! Perithecia basi mycelio sterili (*Ozonium* ?), ad superficiem rami copiose serpente, cincta. Conidia et hyphae fertiles nulla.

Species non examinatae vel dubiae

C. phaeostromoides (Peck.) Sacc. Syll. 93. *C. cupulifera* (B. et Br.) Sacc. Syll. 94. *C. leonina* (C. et P.) Sacc. Syll. 54. *C. xanthotricha* (B. et C.) Sacc. Syll. 95. *C. flavo-compta* (B. et C.) Sacc. Syll. 95. *C. pannicola* (B. et C.) Sacc. 95. *C. callimorpha* (Mont.) Sacc. Syll. 95. Exempl. Libertiana sterilia inveni! *C. calostroma* (Desm.) Sacc. *C. indica* Niessl. (Syll. 96) non vidi. *C. pileo-ferruginea* Cr. (Syll. 96) et *C. Angelicae* Cr. (Syll. 96) mihi dubiae. *C. ornata* Harkn. (Add. Syll. 146) *C. Sacardiana* Schulz. (Add. 146) *C. pezizaeformis* Schulz. (Add. 146).

OHLERIA Fuck. Symb. p. 163. Sacc. Syll. Pyr. II, p. 96.

Ohleria rugulosa Fuck. Symb. p. 164. Sacc. Syll. II, p. 97. *Ohleria quer-cicola* Fabre Sphér. Vaucl. I, p. 93. Sacc. Syll. I. c. *Ohleria Ulmi* Fabr. Sphér. Vaucl. I, p. 93, fig. 31. Sacc. Syll. I. c. *Ohleria obducens* Phillips Fungi Brit. exicc. (non Wint. ut e diagnosi videtur).

Hab. in ligno Carpini, Quercus, Ulmi, Juglandis etc. in Italia, Gallia, Germania et Am. bor. (**Tab. XVII, fig. 8.** — Ex exempl. italicis in *Juglante regia* in Herb. Saccard.)

Perithecia gregaria, $\frac{1}{3}$ mm. diam.; asci 75-85 \approx 6-8; sporidiorum articula 6-9 \approx 3-4.

Species non examinatae

Ohleria modesta Fuck. (Sacc. Syll. 67) *O. obducens* Wint. (Syll. 100).

CERIOSPORA Niessl Not. Pyr. p. 9. Sacc. Syll. Pyr. II, p. 184.

Sporidia colorata, demum triseptata, utrinque mucronata.

Species sporidiis hyalinis separavi, et sub genere *Ceriosporella* Berl. censendas esse puto.

Ceriospora xantha Sacc. Mich. I, 36, F. it. tab. 188 Syll. Pyr. II, p. 185.

Hab. in sarmentis Clematidis Vitalbae « Conegliano » Ital. bor. (**Tab. xviii**, fig. 1. — Ex specim. origin.)

Perithecia $\frac{1}{3}$ mm. d; asci 150-12; sporidia 40-42 \approx 7-9.

Ceriospora Dubyi Niessl N. k. Pyr. p. 9. Sacc. Mich. I, 36, F. it. t. 187 Syll. Pyr. II, pag. 185. Winter Pilze II, pag. 575. *Sphaeria ceriospora* Duby in Klotzsch-Rabh. Herb. myc. Edit. I, N. 1937. *Sphaerella ceriospora* Ces. et De-Not. Schema sfer. it. n. 63. Auersw. Mycol. Eur. p. 14. fig. 57, *Hindersonia Lupuli* Moug. et Lev. in Ann. sc. nat. III Ser. tom. V, pag. 289.

Hab. in sarmentis Humuli Lupuli putrescentibus in Germania, Gallia et Italia.

(**Tab. xviii**, fig. 2. — Ex specim. orig.)

Perithecia $\frac{1}{3}$ mm. d., gregaria; asci 100-110 \approx 17-19; sporidia 35-40 \approx 8-10, (sine app.) verisimiliter matura triseptata intentiusque colorata.

Ceriospora montaniensis (Ellis) Berl. *Lophiostoma montaniense* Ellis in Journ. of. Myc. IV p. 64.

Hab. in sarmentis Clematidis ligusticifoliae, « Montana » Amer. Bor. (**Tab. xviii**, fig. 3 — Ex specim. orig. a cl. Ellis benevole comunicatis.)

Perithecia gregaria, $\frac{1}{2}$ - $\frac{2}{3}$ mm. d; asci 95-115 \approx 10-14; sporidia 18-22 \approx 7-10; sine appendicibus, quae metiuntur 8-10 \approx 1.

Verisimiliter hoc adscribenda *Ceriospora bonaerensis* Speg. Fungi Arg. Pug. I, pag. 183, Sacc. Syll. Pyr II, pag. 185, quae sporidiis « chlorinis » gaudet.

REBENTISCHIA Karst. Myc. Fenn. II, 14 et 97, Sacc. Syll. Pyr. II pag. 12. Winter Pilze II p. 407.

Rebentischia Massalongi Sacc. Consp. Gen. Pyr. 12, Syll. Pyr. II, p. 12 *Sphaeria Massalongi* Mont. Syll. p. 237, Mass. in Flora 1885 p. 241, fig. 8-9.

Rebentischia pomiformis Karst. Myc. Fenn. II, p. 97, Sacc. Syll. l. c. p. 12.

Rebentischia Typhae H. Fab. Spher. Vaucl. p. 85 fig. 22, Sacc. Syll. Pyr. II, p. 12.

Hab. ad truncorum corticem Amygdali et Aceris in Italia, et Fennia. (**Tab. xviii** fig. 4. — Ex specim. orig. *R. pomiformis* a claro Karst. benevole communicatis.)

Perithecia gregaria vel sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 80-110 \approx 18-20; sporidia 32-35 \approx 8-10. (cum cauda), cauda 8-12 \approx 2.

Rebentischia unicaudata (B. et Br) Sacc. Consp. gen Pyr. p. 12, Syll. Pyr. II, p. 12. Rehm. Ascom. n. 241. Winter Pilze II p. 407 et 439, *Sphaeria unicaudata* B. et Br. Brit. F. n. 886, tab. XI, f. 31, *Sphaeria Panacis Reliq.* Moug. in Roum. F. Gall. exsiccatis n. 789. An *Sph. Panacis* Fr.?

Hab. in sarmenis Clematidis Vitalbae emortuis, in Britannia, Germania, Austria (Tab. XVIII, fig. 5. — Ex specim. Niesslean. in Herb. Sacc.)

Perithecia $\frac{1}{5}\text{-}\frac{1}{4}$ mm. d.; asci 80-100 \approx 16-17; sporidia 21-23 \approx 6-7; cauda 9-10 \approx 2.

Species exclusae

Rebentischia ranella (B. et Rav.) Sacc. Syll. l. c. p. 13, est *Anthostomella* sporiidiis ovoideis, fuligineis, inferne in caudam longam septatam attenuatis praedita. (Ex specim. origin.)

HEPTAMERIA Rehm et Thuem. Myc. Lusit. n. 292, Sacc. Syll. Pyr. II p. 88. *Verlotia* H. Fabr. Sph. Vaucl. I, p. 108.

Heptameria uncinata (Niessl) Rehm Ascomyc. fasc. XV, n. 735. Berl. et Vogl. Add. Syll. p. 145. *Leptosphaeria uncinata* Niessl in litt. *Lept. obesa* Rehm Ascomyc. Loik. pag. 54, n. 70.

Hab. ad caules siccos Artemisiae campestris in horto « Esvterházyano Kaposvár (Somogy) Loika » et prope « Brünn » in Germania. (Tab. XIX, fig. 1. — Ex spec. orig. in Rehm Asc. n. 735.)

Perithecia gregaria, $\frac{1}{4}\text{-}\frac{1}{3}$ mm. d.; asci 110-120 \approx 12-16; sporidia 42-45 \approx 5-7. *H. obesae* similis sed minor.

Heptameria obesa (Dur. et Mont. Sacc. Syll. Pyr. II, p. 88. *Leptosphaeria obesa* Sacc. Fungi ital. t. 284. *Sphaeria obesa* Dur et Mont. Exc. Sc. d' Alg. p. 526, t. 27, f. 3. *Sphaeria mesoedema* B. et C. North. Am. Fungi n. 955. *Hemptam. mesoedematis* Sacc. Syll. Pyr. II, p. 89. *Verlotia Helichrysi* Fabre Sph. Vaucl. p. 108, f. 59, *Hept. Hel.* Sacc. Syll. l. c. p. 89. *Heptameria elegans* Rehm et Thuem. in Thuem. Contr. Myc. Lusit. n. 292. Sacc. Syll. l. c. p. 89.

Hab. in caulibus Eupatorii, Anthirrhini, Scabiosae, Cirsii, in ramulis emortuis Helichrysi etc. in Algeria, Lusitania, Gallia, Italia et Am. Bor. (Ex spec. orig. *H. mesoedematis* a cl. Cooke benevole comunicatis. (Tab. XIX, fig. 2 ubi lapsu legitur *H. mesoedema* qua: eadem est ac *H. obesae* (ut facile synomimia demonstrat sed posterior.)

Perithecia gregaria, $\frac{1}{3}\text{-}\frac{1}{2}$ mm. d.; asci 140-150 \approx 12-16; sporidia 58-62 \approx 9-12.

MELANOMMA Nits. et Fuck. Symb. myc. p. 159, Sacc. Syll. Pyr. II, p. 98, Winter Pilze II, p. 221, Briard Flor. cryt. Aube p. 307, Lambotte Flor. myc. Belg. I, Suppl. p. 153, Bunaud Contr. Flor. myc. Ouest p. 173, *Sphaeria* Karsten Myc. Fenn. II, p. 13 (Hall. p. p.). Mon. Asc. Fenn. p. 46. *Trematosphaeria* Fuck. Symb. myc. p. 161, Sacc. Syll. l. c. p. 115. Winter l. c. p. 261, Briard. l. c. p. 308, Lambotte l. c. p. 155.

Melanomma Pulviscula (Karst.) Berl. et Vogl. Add. Syll. p. 147, *Sphaeria pulviscula* Karst. in Hedw 1884, n. 4, p. 4, Rev. Asc. Fenn. p. 47.

Hab. in ligno pineo ad Mustiala Fenniae (Tab. xix, fig. 8. — Ex Spec. orig. a claro Karst. benevole comunic.)

Peritecia gregaria, $\frac{1}{4}$ mm. d.; asci 45-55 \approx 6-8; sporidia 10-12 \approx 3-3,5 vide-
retur varietas *Rhyncosphaeriae ceratophorae* sed ostiolo semper brevi, prudentius
ad genus *Melanomma* adscribendum.

Melanomma Commonsii Ellis et Ev. in Prooc. Acad. Nat. Sc. Philad.
1890, p. 239.

Hab. parasitice in stromatibus Hypoxyli Sassafras in Am. Bor. (Tab. xix,
fig. 4. — Ex Spec. orig. a claro Ellis benevole comunic.)

Perithecia gregaria, minuta, $\frac{1}{10}$ - $\frac{1}{7}$ mm. d.; asci 30-45 \approx 8-10; sporidia 12-
14 \approx 4-5.

Melanomma Sylvanum Sacc. et Spieg. Mich. I, p. 403 Sacc. F. It. Tab.
340, Syll. Pyr. II, p. 103. *Mel. Terebinthi* Fabre Sph. Vaucl. II, p. 54, f. 29.
Sacc. Syll. I. c. addenda Vol. II, p. LVIII.

Hab. in ligno indurato Abietis et Pistaciae Terebinthi in Italia et Gallia
(Tab. xix, fig. 5. — Ex spec. orig. M. *Sylvani* iis M. *Ter.* minutim com-
paratis.)

Perithecia sparsa vel gregaria, $\frac{1}{4}$ mm. d.; asci 60-90 \approx 6-8; sporidia 14-18 \approx 4-5.

M. fuscidulum Sacc. Mich. I, p. 450, Fungi Ital. p. 294, Syll. Pyr. II,
p. 99, Lambotte Flor. Myc. Belg. I, Suppl. p. 153. Brunaud Contr. Flor. Myc.
Ouest p. 174.

Hab. in ramis truncoque Sambuci, Erythrinae in Italia, Gallia, Britannia,
Belgio et Am. Austr. (Tab. xix, fig. 6. — Ex spec. orig. in Herb. Sacc.)

Perithecia sparsa vel gregaria, $\frac{1}{4}$ mm. d.; asci 50-55 \approx 7-8; sporidia 12-14 \approx 3-4.

Melanomma minutum Berl. *Tremaosphaeria minuta* Berl. Exc. Myc. Frioul.
p. 11, Tab. IX fig. 6.

Hab. in ramis Salicis cinereae « Osoppo » agri forojuliensis Ital. Bor. (Tab.
xx, fig. 2. — Ex specim. orig.)

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 50-60 \approx 10-12; sporidia 15-18 \approx 5-7.

Melanomma erraticolum (Karst.) Berl. et Vogl. Add. Syll. p. 148 —
Sphaeria erraticula Karst. Rev. Asc. Fenn. p. 48.

Hab. in cortice Aceris platanoidis in insula « Runschala » Fenniae (Tab. xx,
fig. 2. — Ex specim. orig. a claro Karst. benevole comunic.)

Perithecia sparsa, rugosa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 80-90 \approx 7-9; sporidia 15-18 \approx 4-5.

Melanomma Pulvis-pyrius (Pers.) Fuck. Symb. myc. p. 160. Sacc. Syll.
Pyr. II, p. 160. Winter Pilze II, p. 240, Brunaud Flor. Myc. Ouest. p. 173,
Briard Flor. Crypt. Aube p. 307, *Sphaeria Pulvis-pyrius* Pers. Syn. Fung. p. 86,
Sphaeria myriocarpa Berk. North Amer. Fungi. Sph. *conglobata* Curr. in Trans.
linn. Soc. vol. 22 p. 317, f. 22. *Sph. pulvis-pyrius* Karst. Myc. Fenn. II, p. 88, Rev.
Asc. Fenn., p. 57, *Sph. obducens* De Not. Sfer. it. p. 65, tab. LXVI, *Melanomma*
obducens Sacc. Syll. Pyr. 2, p. 99, *Sph. Lenarsii* West. Bull. Soc. Bot. Belg. V

n. 1, *Melan. Lenarsii* Sacc. Mic. I, d. 344, Syll. Pyr. II, p. 105, Lamb. Flor. myc. Belg. II, p. 303, *Melan. Julii* Fabre Spher. Veucl. I, q. 91, f. 27, Sacc. Syll. Pyr. p. 105, *Melan. Mori* Fabre l. c. p. 91, fig. 28. Sacc. Syll. l. c. p. 105 Berl. Fungi Mor. App. p. 17. *Leptosphaeria Ericaë* Malbr. in Berl. et Vogl. Add. Syll. p. 414. *Sphaeria Ericaë* Fr?

Hab. ad ligna corticesque arborum plurium in fere tota Europa et Amer. Bor. Formas plures, quae in Sylloge distinguuntur, examinavi et a typo non satis differre agnovi (**Tab. xx, fig. 3.** — Ex specim. Winterianis in Herb. Sacc.)

Perithecia dense gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 80-90 \approx 8-10; sporidia 13-17 \approx 4-6, in hoc specimine, sed haud raro 18-22 \approx 5-6.

Melanomma Rhododendri Rehm Ascom. n. 186, Sacc. Syll. Pyr. II, p. 109, Winter Pilze II, p. 242, *Cucurbitaria Rhododendri* Niessl Beitr. p. 50. Tab. IV f. 32.

Hab. ad ramulos sicclos Rhododendri ferruginei et R. hirsuti in Tyrolia, Italia, Styria et Belgio e regione qua ultima misit clara Dom. Rousseau. Valde affine Mel. Pulvere-pyr. sed ad *Leptosphaerian* vergit et verisimiliter in eo genere haud male positum (**Tab. xx fig. 4.** — Ex specim. orig.)

Perithecia dense gregaria, $\frac{1}{2}$ mm. d.; asci 120-130 \approx 7-9; sporidia 17-20 \approx 5-7.

Melanomma alpinum Speg. Mich. I, p. 460, Sacc. Fungi it. tab. 637, Syll. Pyr. II, p. 106. Mel. *Hippophaës* Fabre Spher. Vaucl. p. 22 fig. 30. Sacc. Syll. Pyr. II, p. 108.

Hab. ad ramulos emortuos Rhamni saxatilis, Rh. Frangulae, Hippophaës rhamnoidis et Populi in alpinis prope « Belluno » Ital. Bor. (**Tab. xx, fig. 5.** Ex specim. orig.)

Perithecia dense gregaria, $\frac{1}{2}$ mm. d.; asci 80-90 \approx 8-9; sporidia 18-20 \approx 4-5.

Species habitu *Botryosphaeriae* simillima. An hoc adscribenda Sp. *Hippoph.* Sollen?

Melanomma disjectum (Karst.) Sacc. Mich. I, p. 344, Syll. Pyr. II, p. 103, *Sphaeria disjecta* Karst. Myc. Fenn. II, p. 92. Rev. asc. Fenn. p. 49. *Sph. lonicerina* Karst. Myc. Fenn. II, p. 87. Rev. Asc. Fenn. p. 49. Melan. lonic. Sacc. Syll. Pyr. II, p. 108.

Hab. in ligno pineo et lonicerino prope « Mustiala » Fenniae (**Tab. xx, fig. 6.** — Ex specim. orig. a claro Karst. benevole comunic.) Valde affine et verisimiliter mera varietas Mel. *Holmskjoeldii* a quo differt peritheciis sparsis, sporidiisque vix minoribus.

Perithecia gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 80-90 \approx 10-12; sporidia 20-22 \approx 4-5. Nonnullis notis ad *Leptosphaeriam* vergit.

Melanomma Holmskjoeldii (Karst.) Sacc. Syll. Pyr. p. 101, *Sphaeria Holmsk.* Karst. Myc. Fenn. II, p. 91, Rev. Asc. fenn. p. 49. Melan. *Mussatianum* Sacc. et R. in Rev. Myc. 1883 p. 40, fig. 11. Berl. et Vogl. Add. Syll. p. 147.

Hab. in ligno Sorbi Aucupariae prope « Mustiala » Fenniae (**Tab. xxi, fig. 1.**

Ex spec. orig. quae benevole cl. Karst. comunicavit.) Ad *Leptosphaeriam* vergit et sporidiorum forma magnitudineque *L. Doliolo* valde affine.

Perithecia gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 90-100 \approx 12; sporidia 22-26 \approx 5.

Melanomma cinereum (Karst.) Sacc. Syll. Pyr. II p. 108. *Sphaeria cinerea* Karst. Myc. Fenn. II p. 91, vix Fuck. Rev. Asc. fenn., p. 49. *Sphaeria torcens* Karst. in Herb.

Hab. in ramis emortuis Salicis in Fennia (Tab. xxI, fig. 2. — Ex specim. originalibus).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 100-120 \approx 12-14; sporidia 22-25 \approx 7-9.

Melanomma medium Sacc. et Speg. Mich. I p. 402, Sacc. Fungi it. tab. 104. *Trematosphaeria pertusella* Sacc. Mich. p. 451. Syll. Pyr. II, p. 116.

Hab. in ramis Aceris Negundinis et Tamaricis anglicae in Italia (Conegliano) et Gallia.

Perithecia gregaria, vel sparsa, $\frac{1}{3}$ mm. d.; asci 90-100 \approx 8-11; sporidia 20-24 \approx 6-8. (Tab. xxI, fig. 3 — Ex specim. orig.).

Melanomma sanguinarium (Karst.) Sacc. Syll. Pyr. II, p. 110. *Sphaeria sanguinaria* Karst. Myc. fenn. II, p. 90. Rev. Asc. fenn. p. 49. *Melanomma phaeum* Rehm Beitr. Ascom. n. 46, Hedw. 1882, p. 120, Sacc. Syll. Pyr. II, p. 111. *Trematosphaeria phaea* Winter Pilze II, p. 270. *Melanomma effugiens* Berl. et Vogl. Add. Syll. p. 148, *Sphaeria effugiens* Karst. Rev. Asc. fenn. p. 48. *Lophiosoma aequivocum* Ellis Journ. of Myc. III, p. 118.

Hab. in cortice et ligno, Sorbi, Ulmi, Alni etc. in Fennia Tyrolia et Amer. Bor. (Tab. xxI, fig. 4. — Ex specim. orig.)

Perithecia laxe gregaria, vel sparsa, $\frac{1}{2}$ - $\frac{1}{3}$ mm. d., basi mycelio luteo-fusco cinta, ostiolis rufulis; asci 110-120 \approx 9-11; sporidia 16-18 \approx 6-7. Medium inter *M. Asprenii* et *M. medium* — Sporidia saepius triséptata et rarissime (ut in *M. medio*) quadriséptata.

Melanomma subdispersum (Karst.) Berl. et Vogl. Add. Syll. p. 148. *Sphaeria subdispersa* Karst. in Hedwigia 1884 p. 57.

Hab. ad corticem Betulae albae in Siberia occidentali prope « Saniarova » (Tab. xxI, fig. 5. — Ex specim. orig.)

Perithecia sparsa, mycelio basi cincta, $\frac{1}{3}$ mm. d.; asci 90-100 \approx 10-14; sporidia 20-23 \approx 5-6. Affine *M. dubioso* sed minus.

Melanomma Granati Fabre Spher. Vaucl. II, p. 54, fig. 30 Sacc. Syll. Pyr. Add. vol. II, p. LVIII. *Melanomma Requienii* Fabre Spher. Vaucl. I p. 92 f.29. Sacc. Syll. Pyr. II p. 107.

Hab. ad ramos emortuos Rhamni infectorii et Punicae Granati in Gallia (Tab. xxI, fig. 6. — Ex specim. orig.)

Melanomma buellioides (Rehm) Berl. *Trematosphaeria buellioides* Rehm. Beitr. Augsburg. Pilzflora p. 78. Berl. et Vogl. Add. Syll. p. 150.

Hab. in assere Pineo fabrefaco prope « Augsburg » Germaniae (**Tab. xxii, fig. 1.** — Ex specim. orig.)

Perithecia $\frac{1}{5}\text{-}\frac{1}{4}$ mm. d., asci 70-80 \approx 12-15; sporidia 18-20 \approx 6-8.

Melanomma Aspegrenii (Fries) Fuck. Symb. Myc. p. 159, Tab. III, fig. 29, Sacc. Syll. Pyr. II, p. 100. Briard. Flor. Crypt. Aube, p. 307. *Sphaeria Aspegrenii* Fries in Kunze Myc. Heft. II, p. 40 — Syst. Myc. II, p. 455 — Karst. Rev. Asc. p. 48.

Hab. ad ramos truncosque Pruni et Betulae in *Suecia, Britannia, Germania, Gallia et Fennia* (**Tab. xxii, fig. 2.** — Ex specim. gallicis Briardianis in Herb. Sacc.)

Perithecia gregaria, $\frac{1}{4}\text{-}\frac{1}{3}$ mm. d.; asci 80-90 \approx 8-10; sporidia 12-14 \approx 5-6.

Melanomma minimum (Ellis) Berl. *Lophiostoma minimum* Ellis Journ. of Myc. IV, p. 75.

Hab. ad lignum cariosum « Louisiana » Amer. Bor. (**Tab. xxii. fig. 3.** — Ex specim. orig.)

Perithecia subsparsa, $\frac{1}{3}\text{-}\frac{1}{4}$ mm. d.; asci 70-80 \approx 10-12; sporidia 13-16 \approx 6-8.

Melanomma surrectum (Cooke) Berl. *Sphaeria surrecta* Cooke in Grevill. V p. 110. Sacc. Syll. Pyr. II, p. 114.

Hab. in ligno pineo in *Britannia et populeo in Amer. Bor.* (**Tab. xxii, fig. 4.** — Ex spec. orig. a claro Cooke benevole comunicatis.)

Perithecia plus minusve immersa, haud raro tantum basi ligno insculpta, $\frac{1}{3}$ mm. d.; asci 100-115 \approx 14-16; sporidia 20-23 \approx 7-8.

Melanomma pertusum (Pers) Berl. *Sphaeria pertusa* Pers. Syn. Fung. p. 13, Karst. Myc. fenn. II, p. 90 Rev. Asc. fenn. p. 46. — *Trematosphaeria pertusa* Fuck. Symb. Myc. p. 162 Sacc. Syll. Pyr. II, p. 115 - Berl. Fungi Moricola f. I, n. 6, fig. 8-11. Winter Pilze II, p. 269, Briard Florul. Crypt. Aube p. 308. *Trematosphaeria errabunda* Fabre Sphér. Vaucl. I, p. 94 f. 32. Sacc. Syll. Pyr. II, p. 119.

Hab. in ligno vetusto arborum variarum in *Italia, Germania, Gallia, Britannia, Suecia, Fennia et Belgio* haud raro (**Tab. xxii, fig. 5.** — Ex specim. in Moro in Herb. meo cum aliis multis e regionibus variis minutim comparato).

Perithecia sparsa vel dense gregaria, $\frac{1}{3}\text{-}\frac{1}{2}$ mm. d.; asci 80-100 \approx 10-14; sporidia 25-30 \approx 6-8.

Var. anglicum (Plowright) Berl. *Trematosphaeria pertusa* Var. *anglica* Plowright in Herb. *Trematosphaeria anglica* Sacc. Syll. Pyr. II, p. 115.

Hab. in ligno exsiccatto Fraxini « King's Lynn » *Britanniae* (**Tab. xxii, fig. 6.** — Ex specim. orig. in Herb. Sacc.)

Perithecia gregaria, $\frac{1}{3}\text{-}\frac{1}{2}$ mm. d.; asci 120-130 \approx 12-15; sporidia 28-30 \approx 7-8 (non 30-38 \approx 8 ut in Syll.)

Melanomma dubiosum Sacc. Myc. I, p. 303, Fungi ital. p. 337. Syll. Pyr. II, p. 106. *Trematosphaeria Vindelieorum* Rehm Asc. n. 479 Sacc. Syll. Pyr. II, p. 122.

Hab. in trunculis emortuis Globulariae cordifoliae, Medicaginis lupulinae et ad asseres pineos in Italia Bor. et Germania (**Tab. xxiii, fig. 1.** — Ex specim. orig. in Herb. Sacc. cum iis *T. Vindel.* orig. minutim comparatis).

Perithecia gregaria vel sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 100-110 \approx 18-20; sporidia primo hyalina dein lutescentia demum opace fuliginea, loculis extimis pallidioribus, 28-32 \approx 9-11. Affine *M. pertuso* praecipue var. *anglico*.

Melanomma nuclearium (De Not.) Berl. *Sphaeria nuclearia* De Not. *Micr. ital.* Dec. IX p. 462 f. IV - *Trematosph. nuclearia* Sacc. Syll. Pyr. II, p. 121. *Hypoxylon nucitena* Berk. et Curt. North Amer. Fungi 844 *Melanomma?* *nucitena* Sacc. Syll. Pyr. II p. 103.

Hab. in putaminibus Olearum et in nucibus Caryae in Italia et Am. Bor. (**Tab. xxiii, fig. 2.** — Ex specim. orig. Berkeleyanis cum iis Notarianis minutim comparatis).

Perithecia gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 40-45 \approx 8-12; sporidia 14-16 \approx 5-6.

Melan. nuclearium var. **maius** Berl. *Melan. Minervae* Fabre Spher. Vaucl. p. 91 f. 26. Sacc. Syll. Pyr. II, p. 105.

Hab. ad putamina Olearum et Amygdali communis nec non Pruni Armeniacae « Vaucluse » Galliae (**Tab. xxiii, fig. 3.** — Ex specim. orig. a claro Fabre benevole communicatis).

Perithecia sparsa $\frac{1}{2}$ mm. d.; asci 80-100 \approx 16; sporidia 22-24 \approx 7-9.

Melanomma Passerinianum Berl. *Trematosph. Beccariana* Pass. Flor. Bogos p. 145, Berl. et Vogl. Add. Syll. p. 417. nec Ces.

Hab. in corticibus vetustis prope « Kerem » Abyssiniae (Beccari) (**Tab. xxiii, fig. 4.** — Ex specim. orig. a claro Passerini communicatis).

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 75-90 \approx 12-15; sporidia 20-23 \approx 6-7.

Melanomma pleurostomum (Rehm.) Berl. *Tremat. pleurostoma* Rehm. Ascom. n. 530. Sacc. Syll. Pyr. II, p. 119. Winter Pilze II, p. 272.

Hab. ad asserem riparium (pineum?) prope « Augsburg » Germaniae (**Tab. xxiii, fig. 5.** — Ex Rehm. Asc. n. 530).

Perithecia subsparsa, $\frac{1}{4}$ mm. d.; asci 150-170 \approx 10-12; sporidia 25-28 \approx 8.

Melanomma congestum (Cooke) Berl. *Psilosphaeria congesta* Cooke Austr. Fungi p. 57 *Tremat. congesta* Berl. et Vogl. Add. Syll. p. 150.

Hab. in corticibus « Twofold Bay » in Australia (**Tab. xxiii fig. 6.** — Ex specim. orig. a claro Cooke benevole comunic.)

Perithecia conferta, $\frac{1}{3}$ mm. d.; saepe subcylindrica. $\frac{1}{2}$ mm. alta; asci 140-160 \approx 18-20; sporidia 30-40 \approx 10. Sporidiis fabrica *M. pleurost.* affine sed maius.

Melanomma tornatum Sacc. et Paol. Fungi Malacenses p. 23 tab. 6 fig. 4.

Hab. in culmis Bambusae? « Malacca » (**Tab. xxiv, fig. 1.** — Ex specim. orig. a claro Sacc. benevole comunic.)

Perithecia subsparsa, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 140-150 \approx 12-14; sporidia 40-52 \approx 8 (sine appendiculis) Ad *Leptosph.* vergit.

Melanomma Vesuvius (B. et Br.) Berl. *Sphaeria Vesuvius* B. et Br. Ceyl. Fungi n. 1107. *Trematosph. Vesuvius* Sacc. Syll. Pyr. II, p. 119 (**Tab. xxiv, fig. 2.** — Ex specim. orig.)

Hab. in ligno putri « Ceylon. »

Perithecia sparsa, 1-1½ mm. d.; ascis.... (jam resorpti); sporidia 45-48 ≈ 9-11. Magnitudine atque forma peritheciorum species praedistincta.

Melanomma Langloisii (Ellis) Berl. *Lophiostoma Langl.* Ellis in Journ. of Myc. III, p. 44.

Hab. in ligno emortuo Salicis nigrae « Point a' la Hache » *Am. Bor.*, (**Tab. xxiv, fig. 3.** — Ex specim. orig. a claro Ellis benevole comunic.)

Perithecia sparsa, ½ mm. d.; ascis 150-170 ≈ 18-22; sporidia 36-42 ≈ 10.

Melanomma hydrophilum (Karst.) *Sphaeria hydrophila* Karst. Symb. Myc. IV p. 187. Rev. Ascom. fenn. p. 46 *Trematosph. hydrophila* Sacc. Syll. Pyr. II, p. 119.

Hab. in ligno indurato vetusto Pini aqua interdum suffuso prope « Mustiala » *Fenniae* (**Tab. xxiv, fig. 4.** — Ex specim. orig. a claro Karst. benevole comunic.)

Perithecia sparsa ⅓ mm. d.; ascis 160-170 ≈ 14-17; sporidia 35-38 ≈ 8-10.

Melanomma clypeatum (Sacc. et Paol.) Berl. *Trematosph. clypeata* Sacc. et Paol. Fungi Malac. p. 23 tab. 6. f. 5.

Hab. in corticibus « Malacca » (**Tab. xxiv, fig. 5.** — Ex specim. orig. a claro Saccardo benévole comunic.)

Perithecia sparsa, 1 mm. d.; ascis 105-115 ≈ 10-12; sporidia 18-22 ≈ 7-8.

Melanomma Olearum (Karst.) Berl. *Sph. Olearum* Cast. Catal. Plant. Mars. p. 116 - Desmaz. 13 vol. 1844 p. 352 - *Caryospora Olearum* Sacc. Mich. I, p. 451 - Fungi ital. tab. 204 - *Tremat. Olearum* Sacc. Syll. Pyr. II, p. 118. Winter Pilze II, p. 271 Berl. Pug. funghi Fior. p. 13 tab. II fig. 8 *Tremat. melina* Rab. Fungi Eur. n. 1019 et 1835 (non B. et Br.) Winter in Hedw. 1885 p. 102 Pilze II, p. 271.

Hab. ad corticem Oleae europeae in Italia, Austria, Gallia, Germania (**Tab. xxiv, fig. 6.** — Ex specim. ital. cum iis Rab. comparatis).

Perithecia sparsa vel gregaria, ½ mm. d.; ascis 170-190 ≈ 20-25; sporidia 28-35 ≈ 11-13.

Melanomma Passerinii (Rab.) Berl. *Kalmusia Passerinii* Rab. in Hedw. 1877 p. 18 - *Tremat. obtusula* Berl. Fungi Moric. fasc. V, n. 12 tab. 26 fig. 6-10. Champignons du Frioul. p. 8.

Hab. in ligno Quercus, Mori et Tiliae prope « Parma Vittorio, Osoppo » *Ital. Bor.* (**Tab. xxv, fig. 1.** — Ex specim. orig.)

Perithecia ⅓ mm. d.; sparsa; ascis 110-120 ≈ 18-20; sporidia 32-34 ≈ 10-12.

Melanomma mundum (Pass.) Berl. *Kalmusia munda* Pass. Diagn. funghi nuovi IV p. 5.

Hab. in ligno Quercus « Parma » *Ital. Bor.* (**Tab. xxv, fig. 2.** — Ex specim. orig. a claro Pass. benevole comunic.)

Perithecia sparsa, $\frac{1}{2}$ mm. d.; asci 160-175 \approx 18-24; sporidia 38-42 \approx 14-16.

Melanomma pachyascum (C. et Ell.) Berl. *Sphaeria pach.* C. et E. New Jersey Fungi in Grevill. IV, 179, t. 68 f. 1.

Hab. in ligno quercino decorticato New Jersey Am. bor. (Tab. xxv, fig. 3.)

— Ex specim. orig. a claro Cooke benevole comunic.)

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 100-110 \approx 12-14; sporidia 28-30 \approx 4-5. — Cur *pachyascum*? Dimensiones Cookeanas sporidiorum valde nostris majores. Ad *Leptosphaeriam* vergit.

Melanomma seminis (Cooke et Haik) Berl. et Vogl. Add. Syll. p. 149. *Sphaeria seminis* C. et H. in Grev. XIII p. 18.

Hab. in ramis Baccharidis in California (Tab. xxv, fig. 4. — Ex specim. orig.)

Perithecia gregaria, $\frac{1}{2}$ - $\frac{1}{2}$ mm. d.; asci 115-125 \approx 12; sporidia 46-56 \approx 6. Ad *Leptosphaeriam* vergit et genus hoc minime abhorret.

Melanomma callicarpum (Sacc.) Berl. *Caryospora callicarpa* Sacc. Mich. I p. 331, et 451. Fungi ital. t. 202. (nec Curr.) *Conisphaeria peniophora* Cooke Grev. VIII p. 119. *Trematosph. pen.* Sacc. Syll. Pyr. II p. 117, *Melanomma hydrelum* Rehm. Asc. n. 640, et in Hedw. 1882 p. 82. *Trem. hydrela* Sacc. Syll. Pyr. II, p. 117. Winter Pilze II, p. 272.

Hab. in lignis atque corticibus in Ital. bor. Germania, Arduennis et America bor. (Tab. xxv, fig. 5. — Ex specim. Libertianis cum iis orig. *T. hydrelae* et *T. peniophorae* minutim comparatis.)

Perithecia gregaria, vel sparsa $\frac{1}{2}$ - $\frac{2}{3}$ mm. d.; asci 220-240 \approx 30-35; sporidia 85-95 \approx 16-20.

Melanomma lichenopsis (Mass.) Berl. *Sphaeria lichenopsis* Mass. in Flora 1856 p. 242, tab. III, f. 6-7. *Caryospora Lichenop.* Sacc. Fungi, ital. tab. 203.

Hab. in cortice adhuc vegeto Cerasorum juniorum in agro Veronensi et Tarvisino Ital. bor. (Tab. xxvi, fig. 1. — Ex specim. Saccardianis).

Perithecia subsparsa, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 160-180 \approx 18-24; sporidia 40-42 \approx 11-13.

Melanomma megalosporum Rehm Ascom. n. 536, (non *Sphaeria megal.* De Nct quae ex autopsia specim. orig. est *Teichospora*). *Trematosph. megalospora* Winter Pilze II p. 272. *Melanomma Britzelmayrianum* Rehm Asc. n. 588 et in Hedw. 1881 p. 51 (ut var. *Mel. megalospori*) *Tremat. Britzel.* Sacc. Syll. Pyr. II, p. 120 Winter Pilze II, p. 261 et 273. *Leptosphaeria Saccardiana* Fabre Spher. Vaucl. I, p. 80 Sacc. Syll. Pyr. II, p. 42 *Requienella Saccardiana* Fabre Spher. Vaucl. II, p. 56 fig. 35. *Trematosph. Alaterni* Sacc. Syll. Pyr. Add. Vol. II, p. LX. *Requienella Alaterni* Fabre I. c. II, p. 56 f. 33.

Hab. in ramis emortuis Pini, Berberidis, Rhamni Alaterni et Crataegi Oxyacanthae in Germania et Gallia (Tab. xxvi, fig. 2. — Ex specim. Rehmianis Asc. n. 536 a cum Fabreanis minutim comparatis.)

Perithecia sparsa vel gregaria, $\frac{1}{2}$ mm. d.; asci 150-180 \approx 20-30; (Subinde 120 \approx 30; sporidia 40-50 \approx 12-14.

Species e genere excludendae

Melanomma vile (Fries) Fuck. est *Teichospora* - *Melanomma obtusum* Sacc. est *Leptosphaeria vagabunda* - *Melanomma Orni* (De Not.) Sacc. est *Clypeosphaeria Notaristii* forma *lignicola*. Clarus De Not. in schedulis herbarii specii huic allatis observat: Allinis *Sphaeriae clypeiformi* - *Melanomma Jenynsii* (B. et Br.) Sacc. Sec. specim. orig. est *Lophiotrema* non bene evolutum et verisimiliter a *L. praemorsa* minime distinguendum - *Melanomma oblitterans* (B. et Br.) Sacc. est *Zignoella* nam in specim. orig. sporidia semper hyalina observavi. *Melanomma Catillus* Sacc. est *Amphisphaeria*, sporidia uniseptata, biguttata - *Melanomma Stevensonii* est potius *Physalospora*, perithecia 1-5 mm. d.; sporidia 2-3 guttulata 4-6 \times 1,5-2 hyalina; asci 30-40 \times 5-6 (Ex specim. orig.) - *Melanomma Eckfeldtii* (Ellis et Sacc.) est *Didymella*; sporidia senectute fuscescunt et tum subinde plasma in partes 4 dividitur (Ex specim. orig.) *Melanomma conjugatum* est *Leptosphaeria* (Ex specim. orig.) *Melan. Moutonianum* Sacc. est *Zignoella* nam sporidia tantum senectute fuscescunt. (Ex specim. orig.) *Melan. Caricae* Pass. est potius *Leptosphaeria* (Ex spec. orig.) - *Melan. Porothelia* (B. et C.) Sacc. est *Leptosphaeria* (Ex sp. orig.) *Melanomma cyrillicolum* (B. et C.) Sacc. est *Zignoella* (Ex specim. orig.) *Melanomma brachytele* (B. et Br.) Sacc. est *Amphisphaeria* (Ex specim. orig.) *Melanomma lozoplagium* (Tul.) Sacc. certe non est *Melanomma*; in specim. orig. nihil inveni Sphaeriaceum. Species probe ex orbe mycetum expellenda. *Melanomma helicophilum* (Cooke) Sacc. Ex specim. orig. nihil eruere potui. Certe ut videtur species non ad *Melanomma* pertinet - *Melanomma acutum* est *Lophiostoma simillimum*. Sporidiis appendiculatis gaudet! - *Melanomma ceratophorum*, *M. longicolle*, *M. Cesarianum* ad genus novum (*Rhynchosphaeria*) pertinet - *Melanomma hirtulum*, *M. pilosellum*, *M. canescens*, *M. hispidulum*, *M. cucurbitarioides*, *M. juniperinum* ad genus novum (*Chaetomastia*) pertinet - *Melanomma Briardianum* Sacc. est *Stuartella* (Ex specim. orig.) - *Trematosphaeria callispora* (De Not.) Sacc. est *Lophiotrema massarioides* (Ex specim. orig.) *Trem. melina* (B. et Br.) Sacc. est *Clypeosphaeria Notaristii* forma *lignicola* (Ex spec. orig.) *Tremat. megalospora* (De Not.) Sacc. est *Teichospora* - *Tremat. Pseudo-Bombarda* (Mont.) Sacc. est *Lasiosphaeria* (Ex spec. orig.) *Trematosph. arancosa* (Quel.) Sacc. Est verisimiliter *Lasiosphaeria*. - *Trem. princeps* (Fabr.) Sacc. Est *Teichospora* (Ex spec. orig.).

Species non examinatae vel dubiae (¹)

Melanomma Heufleri (Auersw.) Sacc. *M. sparsum* Fuck. *Mel. subsparsum* Fuck. *M. Cubonianum* Sacc. *M. Gibellianum* Sacc. *M. Verrucaria* (Fries) Sacc. *M. Lambottianum* Sacc. *M. Hendersoniae* (Fuck.) Sacc. *M. rhodomelum* (Fries) Sacc. *M. globigerum* (Mougeot et Lettau) Sacc. *M. Beccarianum* (Ces.) Sacc. *M. occidentale* (Ellis) Sacc. *M. Solorinae* (Auzi) Sacc. *M. callispernum* Speg. *M. porphyrostomum* (Kunze) Berl. *M. decipiens* (De Not.) Berl. *M. seminudum* (Pers.) Berl. *M. applanatum* (Oud.) Berl. *M. Fritzii* Schrot. *M. pyrenogenum* (Dur. et Mont.) Sacc. *M. Buxi* Fabre *M. Martinianum* (Linds.) Sacc. *M. crypticum* (Karst.) Sacc. *M. taphrinoides* Sacc. *M. populinum* Schulz. et Sacc. *M. sulcatum* (Ellis) Berl. et Vogl. *M. fallax* Mouton *M. australe* Speg. *M. fuciganum* Speg. *M. nigriseptum* Speg. *M. lophiostomooides* (Speg.) Berl. *M. hendersonioides* (Oud.) Berl. *M. prosectum* (Karst.) Berl. *M. fissum* Fuck.

CHAETOMASTIA Sacc. Syll. Pyr. II, p. 113, (ut subgenus).

Perithecia superficialia vel vix ligno infossa, setosa. Asci octospori. Sporidia transverse pluriseptata, colorata.

(¹) Harum specierum exemplaria pro maxima parte temporis injuria interciderunt vel tam parca copia a collectoribus inventa sunt, ita ut tantum ad diagnosim concinnandam adhiberi potuerint.

Chaetomastia pilosella (Karst.) Berl. *Sphaeria pilosella* Karst. Myc. fenn. II, p. 96 — *Melanomma pilosellum* Karst. Symb. Myc. fenn. II, p. 246. Sacc. Syll. Pyr. II, p. 114.

Hab. in ligno Coryli Avellanae putrescente in insula « Rumsala » Fenniae (Tab. xxvi, fig. 3. — Ex specim. orig. a cloro Karst. benevole comunic.)

Perithecia gregaria, rarius sparsa, asci $\frac{1}{5}$ - $\frac{1}{7}$ mm. d.; asci $50-60 \approx 8-9$; sporidia $9-12 \approx 3-4$.

Chaetomastia hispidula (Sacc.) Berl. *Melanomma hispidulum* Sacc. Mich. I, p. 450. Fungi it. Tab. 295. Syll. Pyr. II, p. 114. *Melanomma setosum* Mouton in Bul. Soc. Bot. Belg. 1886 p. 153 Berl. et Vogl. Add. Syll. p. 416.

Hab. in ligno putrescente « Selva » Ital. Bor. et « Beaufays » Belgii (Tab. xxvi, fig. 4. — Ex specim. orig. a cloro Saccardo benevole comunic.)

Perithecia laxe gregaris, $\frac{1}{7}$ - $\frac{1}{8}$ mm. d.; asci $40-45 \approx 12-15$; sporidia $10-13 \approx 5-6$; triseptata et raro 5-septata aut muriformia. Affinis *C. pilosellae*.

Chaetomastia hirtula (Karst.) Berl. *Sphaeria hirtula* Karst. Myc. fenn. II, p. 96. Rev. Mon. Asc. fenn. p. 96 *Melanomma hirtulum* Sacc. Syll. Pyr. II, p. 113.

Hab. in sarmentis putrescentibus Rubi idaei « Mustiala » Fenniae (Tab. xxvi, fig. 5. — Ex specim. orig.)

Perithecia sparsa vel subgregaria $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci $90-100 \approx 12$, tetraspori (subinde 6-spori); sporidia $20-22 \approx 6-7$.

Chaetomastia canescens (Speg.) Berl. *Melanomma canescens* Speg. in Sacc. Mich. I, p. 460. Fungi it. tab. 638. Sacc. Syll. Pyr. II, p. 114.

Hab. ad asseres abietinos putrescentes « Conegliano » Ital. bor. (Tab. xxvi, fig. 6.)

Perithecia $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci $70-90 \approx 15-18$; sporidia $20-25 \approx 10$.

Chaetomastia juniperina (Karst.) Berl. *Sphaeria juniperina* Karst. Myc. fenn. II, p. 89. Rev. Asc. fenn. p. 96. *Melan. junip.* Sacc. Mich. I, p. 344. Syll. Pyr. II, p. 110.

Hab. in ligno Juniperi communis prope « Mustiala » Fenniae (Tab. xxv, fig. 7. — Ex specim. orig.)

Perithecia sparsa $\frac{1}{8}$ mm. d.; asci $80-90 \approx 8-10$; sporidia $16-22 \approx 5-7$.

Chaetomastia aculeata (Mout.) Berl. *Melanomma aculeatum* Mout. in Bull. Soc. R. Bot. Belg. 1886, p. 154 Berl. et Vogl. Add. Syll. p. 416.

Hab. in ligno putri « Beaufays » Belgii (Tab. xxxiv, fig. 6. — Ex spec. orig. Exemplaria sero habui et tantum in tabula hac delineare potui.)

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{8}$ mm. d.; asci $50 \approx 9$; sporidia $18-20 \approx 4-6$.

Species non examinata

Chaetomastia cucurbitarioides (Speg.) Berl.

Species e genere excludenda

Melanomma (Chaetomastia) plejosporum Mouton ad genus *Capronia* pertinet nam sporidiis muriformibus gaudet.

STUARTELLA Fabre Spher. Vaucl. p. 95. Sacc. Syll. Pyr. II, p. 123.

Perithecia carbonacea, simplicia, plus minusve irregulariter, profunde et radiatim tri-quadrilobata. Asci octospori. Sporidia colorata, transverse pluriseptata.

Stuartella formosa Fabre Spher. Vaucl. p. 95, fig. 34, Sacc. Syll. Pyr. II, p. 123. *Tramatosphaeria irregularis* Fabre l. c. II, p. 53 fig. 27. Sacc. Syll. Pyr. Add. II, p. LV. *Melanomma Briardianum* Sacc. Fungi Gall. Ser. V n. 2213 Berl. et Vogl. Add. Syll. p. 147.

Hab. in ligno denudato ramorum Salicis, Ribis, Lonicerae Xylostei, Quercus Illicis prope « Troyes » et « Vaucluse » Galliae et « Vigheffio » prope « Parma » Ital. bor. (Tab. xxvii, fig. 1. — Ex specim. Passerinianis cum gallicis Briardianis comparatis.)

Perithecia nunc sparsa nunc gregaria et confluentia, $\frac{1}{2}$ mm. d.; asci 150-160 \approx 14-16; sporidia 38-42 \approx 8-10.

RHYNCHOSPHAERIA Sacc. Syll. Pyr. II, p. 112 (ut subgenus).

Perithecia superficialia, carbonacea, in ostiolum plus minusve elongatum producta. Asci octospori. Sporidia transverse pluriseptata, colorata.

Rhynchosphaeria longicollis Sacc. Mich. I, p. 449. Fungi ital. p. 293. Syll. Pyr. II, p. 113. Penzig. Funghi agrum. p. 417. (sub *Melanomma*)

Hab. in ramis decorticatis Citri Limonii « Vittorio » Ital. bor. (Tab. xxvii, fig. 2. — Ex specim. orig. a claro Sacc. benevole comunic.)

Perithecia gregaria, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 80-90 \approx 12-15; sporidia 18-20 \approx 6-7.

Rhynchosphaeria ceratophora Sacc. et Speg. Mich. I, p. 303. Fungi it. p. 339. Syll. Pyr. II, p. 113. (sub *Melanomma* sect. *Rhync.*)

Hab. in culmis Arundinis Donacis emortuis « Conegliano » Ital. bor. (Tab. xxviii, fig. 1. — Ex specim. orig.)

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 35-45 \approx 6; sporidia 10-13 \approx 3.

Rhynchosphaeria Irpex (Berk. et Br.) Berl. *Diatrype Irpex* B. et Br. Fungi of Ceyl. n. 1083. *Melogramma Irpex* Sacc. Syll. Pyr. II p. 145.

Hab. in ligno putri « Ceylon » (Tab. xxvii, fig. 3. — Ex specim. orig.)

Perithecia dense gregaria, 1 nim. d.; ostioli usque 5 mm. longis, cylindraceis praedita; asci 120-150 \approx 14-18; sporidia 60-70 \approx 8.

Magnitudine atque fabrica sporidiorum *Melogrammati spinif.* valde approxinatur, sed peritheciis simplicibus ab eo genere longe recedit. Certe eximia species, plura decimatra extensa. An cum *Melogr. spinif.* byologice cognata?

Species e genere Rhynchosphaeria excludendae

Melanomma acutum Sacc. est *Lophiostoma simillimum* sporidiis appendiculatis praeditum, ostiole crasse cylindraceo vel compresse, rimose dehiscente. *Melanomma Cesatianum* invenire frustra conatus sum.

SPORORMIA De Not. Micr. ital. Decas V n. 6, Auersw. in Hedw. t. VII p. 65 et 137 Fuck. Symb. Myc. p. 242 Karst. Myc. fenn. II Pyr. p. 110. Rev. Asc. fenn. p. 46 Hans. Fungi coproph. Dan. p. 314. Pir. Mon. Spor. p. 141. Sacc. Syll. Pyr. II p. 123. Niessl Spororm. p. 95. Winter Pilze II p. 180. *Hormospora* De Not. nec Breb.

Perithecia plerumque fimicola, sparsa, vel gregaria, semimmersa vel superficia, laevis, atra. Asci octospori paraphysati. Paraphyses filiformes, ramosae, plerumque septulatae, subinde denum evanidae. Sporidia plurilocularia, semper hyalino circudata, loculis demum secedentibus colorata.

Sporormia Notarisii Carest. in Rab. Fung. eur. n. 976 b. Auers. in Hedw. 1868, p. 69, tab. I fig. 1, Karst. Myc. fenn. II p. 110, Zopf Fungi fimic. p. 127, Pir. Mon. Spor. p. 153 Sacc. Syll. Pyr. II p. 125. *Spor. promiscua* Car. in Rab. F. E. n. 1236. Pir. Mon. Spor. p. 147. Sacc. Syll. Pyr. II, p. 125.

Hab. in fimo Tetraonum in Italia, Fennia, Britannia et Germania (**Tab. xxviii, fig. 2.** — Ex specim. orig.)

Perithecia sparsa, $\frac{1}{5}$ mm. d.; asci 115-125 \approx 14; sporidia 24-28 \approx 4-5.

Sporormia leporina Niessl Spororm. p. 96, Sacc. Syll. Pyr. II p. 124, Winter Pilze II, p. 181.

Hab. in fimo leporino et Caviae in Moravia et Argentina Amer. austr. (**Tab. xxviii, fig. 3.** — Ex specim. orig. a claro Niessl benevole comunic.)

Perithecia plus minusve gregaria, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 110-120 \approx 12-14; sporidia 26-30 \approx 5-6. Affinis *Sp. minimae* a qua distinguitur praecipue forma ascorum atque dispositione sporidiorum. An satis?

Sporormia minima Auersw. in Hedw. 1878 p. 661. Fuck. Symb. Myc. p. 242. Karst. Myc. fenn. II p. 110, Rev. Mon. fenn. p. 46. Sacc. Syll. Pyr. II p. 125. Hans. Fung. copr. Dan. p. 318. Pir. Mon. Spor. p. 151. Winter Pilze II p. 181. Briard flor. crypt. Aub. p. 308. Brun. Flor. Myc. Ouest. Pyr. p. 176. *Hormospora stercoris* Desm. Crypt. Franc. III Ed. n. 97 (saltem pro parte) *Sporormia stercoris* Pir. Moa. Spor. p. 142 tab. VI, fig. 16-17. Sacc. Syll. Pyr. II p. 124. *Sporormia evallata* Pass. Diagn. funghi nuovi IV p. 5. *Spor. Roumegueri* Zimm. in Roum. Rev. Myc. 1879, p. 58 Sacc. Syll. Pyr. II, p. 129.

Hab. in fimo vaccino, equino, ovino, Cuniculorum (*raro in ligno putri*) in fere tota Europa, America, Borneo etc. (**Tab. xxviii, fig. 4.** — Ex specim. ital. in Herb. meo cum aliis permultis e regionibus variis comparatis).

Perithecia $\frac{1}{10}$ - $\frac{1}{8}$ mm. d., sparsa; asci 60-70 \approx 12-14; sporidia 27-30 \approx 5-6. — Peritheciorum minutie verisimiliter non ducenda est ad *Sphaeriam stercoris* De C. quae sine dubio ad speciem majorem adscribenda,

Sporormia pulchella Hans. Fungi fim. dan p. 114 n. 18 t. IX f. 23-25. Sacc. Syll. Pyr. II p. 124. Pir. Mon. Spor. p. 145. Wint. Pilze II p. 181.

Hab. in fimo vaccino, pecorino et Cuniculorum in Seelandia, Moravia et Belgio (**Tab. xxviii, fig. 5.** — Ex specim Marchalianis in Herb. Sacc.)

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 130-150 \approx 16; sporidia 30-32 \approx 6-8.

Sporormia leptosphaerioides Speg. Mich. I p. 459. Sacc. Fungi it. tab. 613. Syll. Pyr. II p. 128. March. Champ. Copr. Belg. p. 21. *Sporormia leporina* var. *Pruni speciosae* Kunze Fungi Sel. Exsicc. n. 273.

Hab. in fimo ovino in Ital. bor. Belgio et Germania (in putam. *Pruni*) (**Tab. xxviii, fig. 6.** — Ex specim. Kunzeanis).

Perithecia sparsa, $\frac{1}{5}-\frac{1}{3}$ mm. d.; asci 110-120 \approx 16-18; sporidia 32-35 \approx 5-6.

Sporormia ambigua Niessl Art. Spor. p. 97. Sacc. Syll. Pyr. II p. 125. Wint. Pilze II p. 182. March. Champ. Copr. Belg. p. 26. Speg. F. Fueg. p. 90, Fungi Pat. p. 47.

Hab. in fimo leporino, equino, vaccino et Caviae in Germania, Italia, Belgio et Amer. austr. (**Tab. xxxviii, fig. 7.** — Ex specim. orig. in Rehm. Asc. n. 988.)

Perithecia plus minusve gregaria, $\frac{1}{3}$ mm. d.; asci 130-140 \approx 18-22; sporidia 38-42 \approx 7-9. Inter *Sp. minimam* et *Sp. intermedium* formâ sporidiorum sita.

Sporormia lageniformis Fuck. Symb. Myc. p. 242. Speg. Fungi Copr. Ven. p. 231. Fungi Pat. p. 47. Pir. Mon. Spor. p. 154. March. Champ. Copr. Belg. p. 21. Sacc. Syll. Pyr. II p. 125. Winter Pilze II p. 182.

Hab. in fimo equino, ovino, caprino et leporino in Germania, Italia, Belgio et Amer. austr. (**Tab. xxix, fig. 1.** — Ex specim. Marchalianis in Herb. Sacc.)

Perithecia subgregaria, $\frac{1}{3}$ mm. d.; asci 130-140 \approx 22-24; sporidia 40-46 \approx 8-10.

Sporormia intermedia Auersw. in Hedw. 1868, VII, p. 67 tab. I fig. 4. Fuck. Symb. Myc. p. 142. Karst. Myc. fenn. II p. 110. Rev. Asc. fenn. p. 46. Pir. Mon. Spor. p. 149. Sacc. Syll. Pyr. II p. 126. Winter Pilze II p. 182. Speg. Fungi Copr. Ven. p. 230. Fungi Fueg. p. 90, Fungi Pat. p. 47.

Hab. in fimo equino, vaccino, Cuniculorum, leporino, anserino, ovino, caprino in tota fere Europa et Am. austr. (**Tab. xxix, fig. 2.** — Ex specim. orig. a claro Niessl benevole comunicatis).

Perithecia sparsa, vel approximata, $\frac{1}{4}-\frac{1}{3}$ mm. d.; asci 160-180 \approx 25-30; sporidia 52-56 \approx 10-13.

Sporormia intermedia Var. **lignicola** Ph. et Plowr. Grev. VI, p. 29, t. 94, f. 7. Sacc. Syll. Pyr. II p. 128 (ut species) *Sporormia ulmicola* Pass. et Winter in Hedw. XIII p. 52 tab. I fig. 2 Pir. Mon. Spor. p. 146.

Hab. in ligno putri Fraxini, Ulmi, et Quercus in Britannia Italia et Gallia. (**Tab. xxix, fig. 3.** — Ex specim in Herb. Sacc.)

Perithecia sparsa, vel dense gregaria, $\frac{1}{3}-\frac{1}{2}$ mm. d.; asci 130-150 \approx 20-25; sporidia 50-54 \approx 9-12,

Sporormia grandispora Speg. Fungi Copr. Ven. p. 230. Fungi Fuegiani p. 91. Pir. Mon. Spor. p. 152. Sacc. Syll. Pyr. II p. 128. *Hormospora ovina* Desm. Crypt. Fr. III n. 98. (saltem pro parte) Pir. Mon. Spor. p. 161 (p. p.) Sacc. Syll. Pyr. II p. 127.

Hab. in fimo ovino et vaccino in Ital. bor. Gallia, et Amer. austr. (**Tab. xxix, fig. 4.** — Ex specim. orig. in Herb. Sacc.)

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 160-180 \approx 30-35; sporidia 58-64 \approx 11-13.

Sporormia megalospora Auersw. in Hedw. 1868 p. 68 tab. I, fig. 5. Pir. Mon. Spor. p. 151. Sacc. Syll. Pyr. II, p. 126. Winter Pilze II p. 183. Speg. Fungi. Fueg. p. 91. Fungi Pat. p. 48.

Hab. in fimo vaccino, equino et Capreolorum in Germania, Austria, Britannia et America. (**Tab. xxix, fig. 5.** — Ex specim. Niessleanis).

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 180-190 \approx 35-40; sporidia 72-80 \approx 16-18.

Sporormia Spegazinii Pir. Mon. Spor. p. 147 Sacc. Syll. Pyr. II, p. 127. *Sporormia gigaspora* Speg. Fungi Copr. Ven. p. 231.

Hab. in fimo ovino in Ital. bor. et Germania socia *Spor. gigan'ea* et cum ea saepe ab auctoribus cumfusa (**Tab. xxx, fig. 1.** — Exspecim. orig. in Herb. Sacc. a claro Pirotta benevole comunic.)

Perithecia sparsa, fere $\frac{1}{2}$ mm. d.; asci 280-300 \approx 38-40; sporidia 85-110 \approx 18-22.

Sporormia gigantea Hans. Fungi fim. Dan. p. 319 tab. VI fig. 46-47. Sacc. Syll. Pyr. II p. 127. Winter Pilze II p. 184. *Hormospora ovina* Desm. Crypt. Fr. III n. 98 (p.p.) Pir. Mon. Spor. p. 161 (p.p.) *Spor. ovina* Sacc. Syll. Pyr. II, p. 127.

Hab. in fimo ovino et vaccino in Seelandia, Ital. bor. et Moravia (**Tab. xxx, fig. 2.** — Ex spec. ital.)

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 260-300 \approx 50-60; sporidia 120-140 \approx 20-22.

Sporormia heptamera Auersw. Hedw. 1868 p. 71 t.I fig. 8. Karst. Fungi Spet. p. 91-108. Sacc. Syll. Pyr. II p. 129. Winter Pilze II p. 184. Speg. Fungi Fueg. p. 91. Fungi Pat. p. 49 Pir. Mon. Spor. p. 156.

Hab. in fimo Cuniculorum et Anserum in Thuringia, Moravia, Spitzbergia Fennia et in Amer. austr. (**Tab. xxxi, fig. 1.** — Ex specim. Niessleanis.)

Perithecia sparsa $\frac{1}{3}$ mm. d.; asci 230-250 \approx 38-44; sporidia 72-80 \approx 18-22.

Sporormia octomera Auersw. in Hedw. 1868 p. 70 tab. I fig. 7. Pir. Mon. Spor. p. 159. Sacc. Syll. Pyr. II p. 130. Plow. in Grevillea tab. 91 fig. 6. Winter Pilze II p. 164 fig. 1-2 et p. 85. Berl. et Bres. Micr. Trid. p. 36. t. III t. 7.

Hab. in fimo suino, caprino et Tetraonis in Germania, Britannia et Italia. (**Tab. xxxi, fig. 2.** — Ex specim. Tridentinis in Herb. meo.)

Perithecia sparsa, $\frac{1}{3}$ et amplius mm. d.; asci 115-125 \approx 14-18 (p. sp.) stipes 110-130; mmm. l.; sporidia 42-45 \approx 9.

Sporormia corynespora Niessl Art. Sporor. n. 18. Sacc. Syll. Pyr. II p. 131 Winter Pilze II p. 183. Rehm Ascom. n. 748.

Hab. in fimo leporino et rarius ovino in Moravia (Tab. XXXI, fig. 3. — Ex specim. orig. in Rehm. Asc. n. 748.)

Perithecia sparsa, $\frac{1}{3}$ et amplius mm. d.; asci 160-180 \approx 22-26 (p. sp.); stipes 70-100 mmm. l.; sporidia 55-60 \approx 10-12

Sporormia commutata Niessl Art. Sporor. p. 164. Sacc. Syll. Pyr. II p. 130, Winter Pilze II p. 185.

Hab. in fimo vaccino in Moravia (Tab. XXXI, fig. 4. — Ex specim. orig. a claro Niessl benevole comunic.)

Sporormia affinis Sacc. Bomm. et Rouss. in Bul. Soc. R. Bot. Belg. 1886 p. 171. Berl. et Vogl. Add. Syll. p. 417.

Hab. in fimo leporino « Genk » Belgii (Tab. XXXII, fig. 1. — Ex specim. orig. in Herb. Sacc.)

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 160-180 \approx 28-32; sporidia 80-95 \approx 14-16;. Affinior *Spor. insigni* quam *S. variabilis* et *S. commutatae*.

Sporormia insignis Niessl Art. Sporor. p. 167. Sacc. Syll. Pyr. II p. 131. Winter Pilze II p. 186.

Hab. in fimo leporino in Moravia (Tab. XXXII, fig. 2. — Ex specim. orig. a claro Niessl benevole comunic.)

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 200-220 \approx 40-45; sporidia 110-120 \approx 13-15.

Sporormia fimetaria De Not. Micr. it. Sec. V, p. 10. Pir. Mon. Sp. p. 159. Sacc. Syll. Pyr. II p. 133. Winter Pilze II, p. 186. *Sphaeria fim.* Rab. H. M. I. n. 1733.

Hab. in fimo vaccino in Italia, Germania et Am. bor. (Tab. XXXVII, fig. 4. — Ex spec. orig. a cl. Pirotta benevole communicatis).

Perithecia sparsa, $\frac{1}{10}$ - $\frac{1}{8}$ mm. d.; asci 70-80 \approx 16-18; sporidia 46-50 \approx 4.

Species non examinatae

Sporormia vexans Auersw. *Sp. variabilis* Winter *Sp. pulchra* Hans. *Spor. gigaspora* Fuck. *Sp. Ticinensis* Pir. *Sp. Marchaliana* Mouton. *Sp. pentamera* Oud. *Sp. Brassicae* Grove. *Sp. im-mersa* Zukal. *Sp. fuegiana* Speg. *Sp. antartica* Speg. *Sp. obliquisepta* Speg. *Sp. patagonica* Speg. *Sp. australis*. Speg. *Sp. herculea* Ellis in herb. Exemplar orig. mancum!

KALMUSIA Niessl Beitr. p. 54. Sacc. Syll. Pyr. II p. 142. Winter Pilze II p. 763.

Perithecia ligno immersa stromate effuso, eutypeo, tecta. Asci octospori. Sporidia tri-pluri septata, typice non muriformia, colorata.

Kalmusia Eboli Niessl Beitr. p. 55 tab. VI, fig. 49 Sacc. Syll. Pyr. II, p. 143. Winter Pilze II p. 599 fig. 1-3 et 764.

Hab. in caulis siccis Sambuci Ebuli prope « Brünn » Moraviae (**Tab. XXXIII**, fig. 1. — Ex Niessl.)

Perithecia fere $\frac{1}{2}$ mm. d.; asci 73-80 \approx 12-15 (p. sp.); stipes 42-56 mmm. l.; sporidia 19-20 \approx 5-6.

Kalmusia inusta (Cooke) Sacc. Syll. Pyr. II p. 144. *Sphaeria inusta* Cooke et Rav. Am. Fungi in Grevillea VII p. 53.

Hab. in ligno Juniperi « Davien » Amer. bor. (**Tab. XXXIII**, fig. 2. — Ex specim. orig.)

Perithecia $\frac{1}{3}$ mm. d.; asci 55-65 \approx 10-12; sporidia 12-15 \approx 6-7, haud raro muriformia.

Species excludendae

Kalmusia dealbata Sacc. *Kalmusia haemitapha* (B. et Br.) Sacc. *Kal. hypotephra* (B. et Br.) Sacc. Ex autopsia specim. orig. species haec ad *Clypeosphaeriae Notarisii* formam lignicolum sine dubio pertinent. Genus *Kalmusia* idem haud errate ad genus *Clypeosphaeria* adscribi posset. *Kalm. Passerinii* Rab., *Kalm. pachyasca* (C. et El.) Sacc., *Kalm. surrecta* (Cooke) Sacc., *Kalm. munda* Pass. ad genus *Melanomma* pertinent.

THYRIDARIA Sacc. in Grev. IV p. 21. Syll. Pyr. II p. 140. Perithecia acervulata, sepe apice rubedine cincta. Asci octospori. Sporidia tri-plurilocularia, non muriformia, (saltem typice) colorata.

Thyridaria inerustans Sacc. Myc. Ven. II p. 170. Fungi Ven. Ser. IV p. 14. Syll. Pyr. II p. 140. Berl. Fungi Mor. fasc. VII n. 23 fig. 1-7. *Cucurbitaria Broussonetiae* Sacc. Myc. Ven. p. 118 tab. XII fig. 12-17.

Hab. in cortice ramorum Broussonetiae, Albizziae, Rhois, Juglandis et Mori in Ital. bor. (**Tab. XXXIII**, fig. 3. - Ex specim. orig. a claro Sacc. benevole com.)

Perithecia acervulata vel sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 110-120 \approx 12-14; sporidia 23-28 \approx 8-10.

Thyridaria pulveracea (Karst.) Sacc. Syll. Pyr. II p. 141. Karst. Rev. Asc. p. 45. *Cucurbit. pulveracea* Karst. Myc. fenn. II p. 52.

Hab. in ramis emortuis Pruni Padi prope « Mustiala » Fenniae (**Tab. XXXIII**, fig. 4. — Ex specim. orig. a claro Karst. benevole comunic.)

Perithecia rubro-pruinosa, acervulata, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 95-105 \approx 9-12, sporidia 16-20 \approx 5-6. Vix *Thyridaria*, aptius ad *Cucurbitariam* adscribenda.

Thyridaria rubro-notata (B. et Br.) Sacc. Syll. Pyr. II p. 141. *Melogramma rubro-notatum* B. et Br. Not. Brit. Fungi N. 894. *Massaria lateritia* Tul. Carp. II p. 243. *Thyrid. Ailanthi* Rehm Ascom. Lojk n. 26 p. 40 - Sacc. Syll. Pyr. II p. 143.

Hab. in ramis siccis Ulini, Aesculi, Ailanthi, in Britannia, Gallia et Hungaria (**Tab. XXXIII**, fig. 5. Ex specim. orig. a claro Cooke benevole comunic. et cum iis orig. *Th. Ailanthi* minutum comparatis.)

Perithecia acervulata, sursum rubro-lateritia, $\frac{1}{3}$ mm. d.; asci 80-100 \approx 7-9; sporidia 16-19 \approx 5-7. Adest in exemplaribus Berkeleyanis et Rehmianis status pycnidicus *Coniothyrium* sporulis 4-5 \approx 3, fuscidulis.

Thyridaria Comptoniae (Ell. et Ev.) Berl. et Vogl. Add. Syll. p. 417.
Diatrype Comptoniae Ell. et Ev. in Journ. of Myc. 1886 p. 89.

Hab. in caulis emortuis, partim decorticatis Comptoniae asplenifoliae « Newfield » Amer. bor. (Tab. XXXIII, fig. 6. Ex specim. orig. a cl. Ellis benevole com.)

Perithecia stromate tecta, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; singula vel acervulata; asci 50-55 \approx 10-12, stipite 35-40 mmm. longo; sporidia 15-17 \approx 4-6.

Thyridaria eutypoides Ellis et Ev. in Journ. of Myc. IV, p. 78.

Hab. in ramis Meliae « Louisiana » Amer. bor. (Tab. XXXIV, fig. 1. — Ex specim. orig. a claro Ellis benevole comunic.)

Perithecia acervulata $\frac{1}{3}$ mm. d.; asci 45-55 \approx 8-10, sporidia 14-16 \approx 5.

Thyridaria Sambuci (Karst.) Sacc. Syll. Pyr. II p. 141. Karst. Rev. Asc. p. 45. *Kalmusia Sambuci* Karst. Symb. Myc. fenn. VI p. 40.

Hab. in ramis Sambuci racemosae in Horto Mustialensi Fenniae (Tab. XXXIV, fig. 2. — Ex specim. orig. a claro Karsten benevole comunic.)

Perithecia valsiformiter acervulata, acervuli 3-4 mm. d.; asci 100-110 \approx 7-9, sporidia 15-18 \approx 4-6. Ostioli saepe tri-quadrifurcati.

Thyridaria Fraxini Ell. et Ev. in Prooc. Acad. Sc. Nat. Phil. 1890 p. 223.

Hab. in cortice Fraxini in Amer. bor. (Tab. XXXIV, fig. 3. — Ex specim. orig. a claro Ellis benevole comunic.)

Perithecia vix acervulata vel sparsa, stromate nullo, $\frac{1}{3}$ mm. d.; asci 90-110 \approx 16-20; sporidia 20-26 \approx 4-5. Species inter *Allantosporas* et *Phaeophragmias* ludibunda. Sporidia saepe continua, subinde plasmate plures partito sed haud raro exigue at distincte (quod aptius manifestum appetat Chlori-Joduri-Zyncope) triseptata. Septuli subinde ab endosporio separantur.

Species excludendae

Thyridaria lateritia (Ellis) Sacc. *Thyr. myrangoides* (B. et R.) Sacc. ad *Melogramma vagans*, suadente quoque cl. Ellis, pertinent.

Species non examinatae

Thyrid. delognensis Speg. et Roum. *Thyrid. texensis* (Ellis et Ev.) Berl. et Vogl.

PSEUDOVALSA Ces. et De Not. Schem. Ster. p. 32. Sacc. Syll. Pyr. II p. 35. Winter Pilze II p. 783. Brunaud Contr. Flor. Myc. Ouest (Pyr.) p. 178 *Aglaospora* De Not. Oss. Pir. Sfer. p. 43 Sacc. Syll. Pyr. II p. 133 - Brunaud I. c. p. 177.

Pseudovalsa occulta (Romell) Berl. *Massaria occulta* Romell in Hedw. 1885 p. 262. Berl. et Vogl. Add. Syll. p. 131.

Hab. ad ramos emortuos Ribis Grossulariae prope « Kumla Nerina » in Suecia (Tab. XXXIV, fig. 4. - Ex specim. orig. a cl. Bresadola benevole com.)

Perithecia 3-6-acervulata, $\frac{1}{5}$ mm. d., stromate luteo-pruinoso cincta; asci 150-160 \approx 14-16 sporidia 18-22 \approx 8-10.

Pseudovalsa tubulosa (B. et C.) Sacc. Syll. Pyr. II p. 137. *Valsa tubulosa* Cooke Valsei of Un. St. p. 123, Grevillea XIV p. 48. *Calospora tribulosa* Sacc. Syll. Pyr. II p. 232. *Valsa trib.* B. et C. North. Am. n. 877.

Hab. in ramis Alni Carolina Amer. bor. (Tab. xxxiv, fig. 5. — Ex specim. orig. a claro Cooke benevole comunic.)

Perithecia in acervulos valseos, 1 mm. d. collecta; $\frac{1}{4}$ mm. d.; asci..... jam resorpti; sporidia 30-32 \approx 10-12.

Pseudovalsa profusa (De Not.) Wint. Pilze II, p. 785. *Sphaeria profusa* Fries Syst. Myc. II p. 392. *Sphaeria irregularis* D. C. Flor. Franc. VI p. 116. *Sphaeria circumscripta* Schmidt et Kunze Deut. Schw. n. 155. *Sphaeria anomia* Fries l. c. p. 381. *Sph. capitellata* Klothz in Herb. Myc. Ed. I n. 161. *Massuria seiridia* Berk. et C. in Grev. IV, p. 155. *Aglaospora profusa* De Not. Microm. ital. Dec. V p. V n. 3 Sacc. Syll. Pyr. II p. 133. Brun. Flor. Myc. Ouest. (Pyr.) p. 177. Tul. Carp. II tab. XX. Briard. Florul. Crypt. Aube p. 309.

Hab. in ramis corticatis Robiniae Pseudoacaciae in fere tota Europa et Am. bor. (Tab. xxxiv, fig. 6. — Ex specim. in Herb. meo).

Perithecia $\frac{1}{2}$ mm. d.; asci 200-220 \approx 22-25; sporidia 58-60 \approx 16-18. Inveni inter ascos tetrasporos etiam ascos 6-sporos 250 \approx 20, sporidiis paulo minoribus.

Pseudovalsa sigmoidea (Cooke et Ellis) Sacc. Syll. Pyr. II p. 136. *Melanconis sigmoidea* Cooke et Ellis in Grev. VI p. 92 tab. 100 fig. 26.

Hab. in ramis Quercus « New Jersey » Amer. bor. (Tab. xxxv, fig. 1. — Ex specim. orig.)

Perithecia $\frac{1}{3}$ mm. d., in stromate usque 2-mm. d., 3-5-congesta; asci 190-200 \approx 28-32; sporidia 60-65 \approx 12-14. Videtur varietas. *P. umbonatae*.

Pseudovalsa lanciformis (Fries) Ces. et De Not. Schema Sfer. it. p. 32. Sacc. Syll. Pyr. II p. 135. Winter Pilze II p. 784. Brun. Contr. Flor. Myc. Ouest. Pyr. p. 178. Briard. Contr. Flor. Crypt. Aube p. 310. *Sphaeria lanciformis* Fries Syst. Myc. II p. 362. *Sph. quercina* b. Alb. et Schw. Consp. p. 11. *Sph. Betulae* Schum. Saell. II, p. 171. *Sph. cincta* De C. Flor. Franc. VI p. 119. *Sph. melasperma* Fries l. c. p. 389. *Sph. favacea* Tul. in Compt. Rend. Tom. XXXII p. 472-474. *Melanconis lanciformis* Tul. Carp. II p. 135 tab. XIV.

Hab. in cortice Betulae in fere tota Europa (Tab. xxxv, fig. 2. — Ex specim. Winterianis in Herb. Sacc.)

Perithecia in stromate, circiter 1-3 mm. longo, 4-10-congesta, $\frac{1}{3}$ mm. d.; asci 150-160 \approx 28-30; sporidia 40-45 \approx 16.

Pseudovalsa umbonata (Tul.) Sacc. Fungi Ven. Ser. IV p. 20. Fungi it. t. 438 Syll. Pyr. II p. 136. Winter Pilze II p. 785. *Melanconis umbonata* Tul. Carp. p. 138 tab. XV, fig. 7-15. *Aglaospora Malbrancheana* Sacc. Syll. Pyr. II p. 134. *Pseudovalsa Malbrancheana* Sacc. Mich. I p. 509.

Hab. in ramis corticatis Quercus pedunculatae et Pruni in Gallia, Germania et Italia (Tab. xxxv, fig. 3. — Ex Rehm Ascom. n. 227.)

Perithecia in stromate usque 2 mm. lat. congesta, $\frac{1}{3}$ mm. d.; asci 160-170 \approx 30-35; sporidia 40-44 \approx 16-18. Valde affinis *Pseud. lanciformi* a qua aegre distinguenda. In specim. orig. *Aglaosporae Malbrancheanae* ascis inveni octosporos sporidiaeque 45-55 \approx 16-18.

Pseudovalsa aucta (B. et Br.) Sacc. Syll. Pyr. II p. 138. Winter Pilze II p. 789. *Sphaeria aucta* B. et Br. Not. Brit. Fungi n. 728 tab. X, fig. 11. *Cryptospora aucta* Tul. Carp. II p. 152 tab. XVII, fig. 1-12. *Calospora aucta*. Fuck. Symb. Myc. p. 191.

Hab. in ramis exsiccatis Alni glutinosae et Betulae in *Britannia Gallia et Germania* (**Tab. XXXV, fig. 4.** - Ex specim. orig. a cl. Cooke benevole com.)

Perithecia subcircinata, $\frac{2}{3}$ - $\frac{3}{4}$ mm. d.; asci 100-120 \approx 25-30; sporidia 35-40 \approx 12-14 (sine app.), semper hyalina et uniseptata visa. An juvenilia?

Pseudovalsa stylospora Ell. et Ev. Proc. Acad. Nat. Sc. Phil. 1890 p. 223.
Hab. in cortice Aceris spicati « London » *Canada Amer. bor.* (**Tab. XXXV, fig. 5.** - Ex specim. orig.)

Perithecia $\frac{1}{3}$ mm. d., 3-5-acervulata; asci 100-110 \approx 25-30; sporidia 28-30 \approx 12-14 (sine app.)

Pseudovalsa hapalocystis (B. et Br.) Sacc. Mich. I p. 44, Syll. Pyr. II p. 138, Winter Pilze II p. 788. *Sphaeria hapalocystis* Berk. et Br. (in Ann. and Magaz. of Nat. Hist. Ser. II, p. 317 tab. X fig. XII. *Hapalocystis Berkeleyi* Auersw. in Fuck. Fungi rhen. 585. *Calospora hapalocystis* Fuck. Symb. p. 191. tab. 6 fig. 14. *Pseudovalsa hapal.* forma minor. Sacc. Fungi it. tab. 450. Syll. Pyr. II p. 139 (non bene evoluta).

Hab. in ramis corticatis Platani in *Germania, Britannia, Italia et Belgio* (**Tab. XXXVI, fig. 1.** — Ex Ellis North Amer. Fungi n. 2119 cum specim. orig. minutim comparatis).

Perithecia 4-10-acervulata, $\frac{1}{3}$ mm. d.; asci 80-120 \approx 20-30; sporidia 40-45 \approx 18-23 (sine app.)

Pseudovalsa convergens (Tode) Sacc. Syll. Pyr. II p. 136. Winter Pilze II p. 791. *Sphaeria convergens* Tode Fungi Meckl. II p. 39 f. 111. Fries Syst. Myc. II p. 410. *Valsa convergens* Cooke Valsei Un. St. p. 123. *Melanconis Berkeleyi* Tul. Sel. Fung. Carp. II p. 130. *Sphaeria inquinans* Var. *Ulmi* B. et Br. Hook. Journ. p. 320 tab. X. *Calospora Berkeli*. Fuck. Symb. App. I p. 25. *Pseudovalsa Berkeli*. Sacc. Syll. Pyr. II p. 137. Winter Pilze II p. 787.

Hab. in ramis Platani et Ulmi in *Germania, Britannia, Italia, Nederlandia et Belgio* (**Tab. XXXVI, fig. 2.** — Ex specim. Oudemansianis cum typicis *Pseudovalsa Berkeli*. minutim comparatis).

Perithecia in quoque acervulo plus minusve numerosa; asci 200-220 \approx 30-35; sporidia 48-60 \approx 16-20.

Pseudovalsa macrosporoma (Tul.) Sacc. Fungi Ven. Ser. IV, p. 20. Fungi Ital. tab. 449. Syll. Pyr. II p. 139. Winter Pilze II p. 789. *Melanconis macro-*

sperma Tul. Carp. II p. 132 tab. XIV, fig. 13-23. *Prosthemium ellipsosporum* Fres. Beitr. Myk. p. 62, tab. VII, fig. 18-23. *Pseudov. stylospora* Auersw. in Rabh. Fungi eur n. 1251.

Hab. in ramis corticatis Carpini Betuli in Gallia, Italia et Germania (**Tab. XXXVI, fig. 3.** — Ex specim. Saccardianis cum orig. comparatis).

Perithecia $\frac{1}{3}$ mm. d., in stromate 2-3 mm. d., dense coacervata; asci 180-200 \approx 25-28; sporidia 35-42 \approx 12-14. Status conidicus sistit *Stilbospora angustata* conidiis 45-50 \approx 12-14.

Pseudovalsa bicornis (Cooke) Sacc. Syll. Pyr. II p. 139. *Melanconis bicornis* in Peck 28 Rep. St. Mus.

Hab. in cortice Platani occidentalis in Amer. bor. (**Tab. XXXVI, fig. 4.** — Ex specim. orig.)

Perithecia 5-7-acervulata, $\frac{1}{3}$ mm. d.; asci 120-130 \approx 40-50; sporidia 60-65 \approx 16-20 (sine app.)

Pseudovalsa Kickxii (West.) Sacc. in Lamb. Flor. Myc. Belg. II p. 359. Syll. Pyr. II p. 139. *Valsa Kickxii* West. in Kickx Flor. Crypt. Fl. I p. 322. Oud. Aanw. 1876-77 p. 17.

Hab. in ramis emortuis Platani acerifoliae in Belgio (**Tab. XXXVI, fig. 5.**)

— Ex specim. a claro Oudemans benevole comunic.)

Perithecia 5-7-circinantia, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 120-140 \approx 30-35, 4-6-spori; sporidia 50-55 \approx 20-25 (sine app.)

Species excludendae

Pseudovalsa Titan est novum genus (*Titania*) Ex specim. orig. — *Pseud. longipedis* in omnibus specim. examinatis (et ideo etiam originalibus) semper inventi sporidia hyalina, qua re species ad genus *Calospora* adscribenda puto. *Pseudovalsa aglaeostoma* (B. et Br.) Sacc. est. *Calospora* (Ex spec. orig.) *Aglaospora thelebola* Rehm est *Melanconis*. *Pseud. Xanthoxyli* (Peck) Sacc. est *Fenestella*.

Species non examinatae

Sacc. *Pseud. sambucina* (Peck) Sacc. *Pseud. Fairmani* E. et C. *Aglaospora effusa* Rehm.

TITANIA Berl. nov. gen. Perithecia in stromatibus, epidermide tectis, prominulis, usque 3 mm. d. 2-4-congesta, ostiolis emergentibus. Asci monospori, Sporidia magna, transverse septata, fusoideo-cylindracea, colorata.

Titania Berkeleyi Berl. *Diatrype Titan* B. et Br. North Amer. Fungi n. 857. *Pseudovalsa Titan* Sacc. Syll. Pyr. II p. 135.

Hab. in cortice Carpini in Carolina inferiore Amer. bor. (**Tab. XXXVII, fig. 1.** — Ex specim. orig. a claro Cooke benevole comunic.)

Perithecia in stromate 3 mm. d. 2-4 acervata, ostiolis prominulis, $\frac{2}{3}$ - $\frac{3}{4}$ mm. d.; asci monospori, 180-200 \approx 28-32; sporidia 90-110 \approx 23-25.

MELOGRAMMA Tul. Carp. II p. 81 Sacc. Syll. Pyr. II p. 144. Winter Pilze II p. 807. Brun. Contr. Flor. Myc. Ouest. (Pyr.) p. 181. Stroma erumpenti superficiale, globoso-pulvinatum. Asci octospori paraphysati. Sporidia fusoidae, transverse septata colorata.

Melogramma vagans De Not. Micr. ital. Dec. IX, p. 459, tab. II, Sacc. Syll. Pyr. II, p. 144. Brun. l. c. p. 181. Briard. l. c. p. 311. *Melogramma Bulliardi* Tul. Carp. II p. 81, Winter Pilze II p. 807. *Variolaria Melogramma* Bull. Champ. Tom. I p. 182, tab. 492, fig. 1. *Sphaeria ocellata* Pers. Disp. p. 2. *Sph. Melogramma* Pers. Syn. p. 13. *Melogrammo fusicporum* Fries Summa Veg. p. 386. *M. campylosporum* Fries l. c. Sacc. Syll. Pyr. II p. 145. *Diatrype lateritia* Ellis. Torr. Bot. Cl. p. 19, (1882). *Thyridaria lat.* Sacc. Syll. Pyr. II p. 141. *Hypoxylon myriangiodes* B. et R. North Am. Fungi n. 834. *Tbyridaria myr.* Sacc. Syll. Pyr. II p. 142. *Hypocrea Ravenelii* Berk. North. Am. Fungi n. 804, *Broomella Rav.* Sacc. Syll. Pyr. II p. 558. *Mel. fuscosporum* (Schw.) Sacc. Syll. Pyr. II p. 145.

Hab. in cortice emortuo Carpinii, Fagi, Coryli, Ostryae in fere tota Europa et Am. bor. (**Tab. XXXVII, fig. 2.**) — Ex specim. anglicis cum aliis e regionibus variis comparatis).

Perithecia acervulata, primo rufo-fuliginea demum nigricantia; asci 110-120 ≈ 12-14; sporidia 40-50 ≈ 4-6.

Melogramma spiniferum (Wallr.) De Not. Sfer. it. p. 53. Sacc. Syll. Pyr. II p. 145. Winter Pilze II p. 808. Brunaud l. c. (Pyr.) p. 181, Briard. l. c. p. 311, Berl. et Bres Micr. Trid. p. 38, tab. III fig. 8. *Sphaeria spinifera* Wallr. Flor. Crypt. II p. 846. *Sphaeria podoides* Pers. Synops. p. 22, *Diatrype podoides* Fries Summa Veg. p. 385, *Melogramma asperum* Ces et De Not. Schema Sfer. p. 30.

Hab. in cortice Fagi silvaticae in Italia, Germania, Gallia et Britannia (**Tab. XXXVII, fig. 3.**) - Ex specim. ital. in Herb. Sacc. cum aliis e regionibus variis comp.)

Stromata dense gregaria vel subconfluentia, tumide pulvinata, 5 mm. d.; perithecia stipata, $\frac{1}{3}$ - $\frac{2}{3}$ mm. d.; asci 170-190 ≈ 16-18; sporidia 55-65 ≈ 7-8.

Species excludendae

Melogramma Irpext (B. et Br.) Sacc. est *Rhyncosphaeria* - *Mel. niphidium* (B. et Br.) Sacc. Specim. orig. sterilia inveni sed « ut videtur » non ad hoc genus pertinent - *Mel. Jackii* Rab. Sec. cl. Winter (Pilze II p. 810) non est *Ascomyces* sed ex specim. orig. Musei Romani intellexi nihil aliud esse speciem hanc, nisi statum conidic. *Gibberellae pulicaris* cuius copiose in iisdem exemplaribus etiam st. ascophorum inveni. Contextus peritheci amoene coerulescens!! *Melogramma platyroum* (B. et C.) B. et V. Ex specim. orig. nihil eruere potui sed habitus est *Lasiosphaeriae* et e diagnosi certe non *Phaeophragmia*.

Species non examineate

Melogramma cylindrosporum Rabh. *Mel. Fuckelii* Nitsch, *M. Meliae* Curtis.

PASSERINIELLA Berl. nov. gen. eximio Mycologo **Johann. Passerini** grato animo libertissimeque dicatum.

Perithecia rami-culmicola, atra, globuloso-conoidea, ostiolato-papillata. Ascii octospori. Sporidia transverse septata, loculis mediis coloratis, extimis hyalinis. *Ceriospora* affine sed sporidiis muticis distinctum.

Passeriniella dichroa (Pass.) Berl. *Leptosph. dichroa* Pass. Diagn. Fungi Nuovi II, 1887, p. 9.

Hab. in ramis corticatis Deutschiae scabrae *prope* « Parma It. bor. »

(**Tab. XXXVIII fig. 1.** — Ex specim. authent. a cl. Passerini benevole communic.)

Perithecia sparsa, $\frac{1}{10}$ - $\frac{1}{9}$ mm. d.; ascii 65-80 \approx 10-12; sporidia 15-20 \approx 5-6.

Passeriniella incarcерata (B. et C.) Berl. *Sphaeria incarcерata* B. et C. North Amer. Fungi n. 960, *Leptosphaeria incarc.* Sacc. Syll. Pyr. II p. 86.

Hab. in culmis Spartinae in « Carolina infer. Amer. bor. » (**Tab. LVIII, fig. 5.** — Ex specim. orig. a cl. Cooke benevole communic.) (Specim. sero examinavi et tantum in tabula hac inserere potui).

Perithecia sparsa, $\frac{1}{2}$ mm. d.; ascii 100-115 \approx 16-18; sporidia 25-28 \approx 8-10, tri-raro 5-septatis, loculis extimis hyalinis. *Caryosporam* in mentem revocat sporidiorum formā.

LEPTOSPHAERIA Ces. et De Not. Schema class. Sfer. p. 60. Sacc. Syll. Pyr. II, p. 13. Karsten Rev. Syn. Asc. Fenn. p. 5 Brun. Pyren. Ouest, p. 158 Briard Flor. 298. Winter Pilze II, p. 440.

Perithecia membranacea, saltem primitus epidermide, tecta saepius sparsa minutaque, nigra, ostiolata. Ascii octospori, paraphysati. Sporidia ovoidea vel fusoidea, transverse bi-pluriseptata, colorata.

Affinitates: A *Metasphaeria*, cui valde cognatum et subinde aegre separandum, sporidiis coloratis differt. Cum *Ophiobolo* speciebus nonnullis sclecosporis congruit. Ad *Melanomma* speciebus sublignicolis vertit. A *Rebentschia*, *Ceriospora*, *Heptameria* et *Passeriniella* sporidiis non appendiculatis loculisque omnibus concoloribus differt. A *Pleospora* sporidiis numquam muriformibus distinctum. *Sporormia* loculis sporidiorum secedentibus longe distat. *Pocosphaeria* peritheciis setosis, *Chitonospora* sporidiis tunicatis, *Leptosphaeriopsis* sporidiis in asco apice connexis differunt.

Leptosphaeria minima (Duby) Sacc. Mich. II pag. 320 Syll. Pyr. II p. 48. *Sphaeria minima* Duby in Roum. Fungi Gall. n. 694.

Hab. in pagina superiore foliorum Potentillae argenteae in « Gallia ».

Perithecia sparsa $\frac{1}{10}$ - $\frac{1}{9}$ mm. d.; ascii 50-55 \approx 18-20, sporidia 20-25 \approx 6-7.

(**Tab. XXXVIII fig. 2.** — Ex specim. orig. in Roum. I. c. Reliq. Moug.) Sporidiis virescenti-subhyalinis ad *Metasphaeriam* valde accedit.

Leptosphaeria Michotii (West.) Sacc. Fungi It. tab. 279, Syll. Pyr. II, pag. 58. Winter Pilze II p. 444 *Sphaeria Michotii* West. in Bull. Soc. Bot.

Belg. II Ser. Tom. VII, n. 52. *Sphaerella Michotii* Auersw. Myc. Eur. Tab. VI, fig. 75 pag. 18. *Leptosphaeria trimera* Sacc. Fungi Veneti, Ser. II, n. 319, *Sphaerella Lamprocarpi* Pass. Erb. critt. it. ser. II, n. 392, *Lept. Lamproc.* Sacc. Syll. Pyr. pag. 66.

Hab. in culmis emortuis Andropogonis, Junci, Scirpi etc. in « Belgio, Italia, Britannia, Germania et Gallia » (Tab. XXXVIII, fig. 3. — Ex specim. orig. in West. n. 1218 cum iis orig. *L. Lamproc.* et aliis comparatis).

Perithecia sparsa, $\frac{1}{10}$ - $\frac{1}{8}$ mm. d.; asci 50-55 = 12-14; sporidia 15-18 = $3\frac{1}{2}$ - $4\frac{1}{2}$.

Leptosphaeria aquilina Pass. Funghi Parm. IV, p. 47. Sacc. Syll. Pyr. II, pag. 82. *Sphaerella aquilina* Auersw.?

Hab. in foliis Pteridis aquilinae prope « Parma Ital. bor. » (Tab. XXXVIII fig. 4. — Ex specim. orig. a claro Passerini benevole communicatis).

Perithecia sparsa, $\frac{1}{10}$ - $\frac{1}{9}$ mm. d., epiphylla; asci 25-30 = 6-8; sporidia $7\frac{1}{2}$ -8 = $3\frac{1}{2}$ -4.

Leptosphaeria helvetica Sacc. et. Speg. in Sacc. Fungi It. tab. 324. Mich. I, p. 399. Syll. Pyr. II, p. 80. Rehm Asc. n. 884. Winter Pilze II, p. 442.

Hab. in foliis Selaginellæ helveticae « Vittorio Ital. bor. » et in Germania (Tab. XXXVIII, fig. 5. — Ex specim. a cl. Saccardo benev. comm.).

Perithecia laxe gregaria, $\frac{1}{10}$ - $\frac{1}{9}$ mm. d.; asci 44-55 = 10-12; sporidia 10-12 = $3\frac{1}{2}$ -5.

Leptosphaeria Porothelia (B. et C.) Berl. *Sphaeria Poroth.* B. et C. North Amer. Fungi n. 912. *Melanomma Poroth.* Sacc. Syll. Pyr. II, pag. 104.

Hab. in hymenio Sterei cujusdam in « Carolina Inferiore Amer. bor. » (Tab. XXXVIII, fig. 6. — Ex specim. orig. in Herb. Curtis. a. coll. Cooke et Ellis benevole communic.).

Perithecia in foveola sita, $\frac{1}{8}$ - $\frac{1}{6}$ mm. d., sparsa, tenuissima; asci 35-45 = 6-7; sporidia 11-13 = 3-4.

Leptosphaeria bryophila Sacc. Fungi Ven. serie II, p. 319, Fungi it. tab. 271. Syll. Pyr. II, p. 82.

Hab. in pedunculis Tortulae tortuosae in alpinis « Cadore (Belluno) Ital. bor. » (Tab. XXXVIII, fig. 7. — Ex specim. orig. a claro Saccardo benevole communicatis).

Perithecia sparsa, $\frac{1}{12}$ - $\frac{1}{10}$ mm. d.; asci 40-45 = 8-10; sporidia 14-16 = $3\frac{1}{2}$.

Leptosphaeria Ophiopogonis Sacc. Fungi Ven. Serie II, pag. 321. Syll. Pyr. II, p. 68. Fungi it. p. 510. *Sphaerella Ophiop.* Sacc. Myc. Ven. p. 94, tab. 9, fig. 18-21.

Hab. in foliis Ophiopogonis Japonici « Padova Ital. bor. » (Tab. XXXVIII, fig. 8. — Ex specim. orig. a claro Saccardo benevole communic.).

Perithecia parallela seriata inter foliorum nervos, $\frac{1}{6}$ - $\frac{1}{7}$ mm. d.; asci 45-50 = 8; sporidia 15-17 = 3-4.

Forma Graminum Sacc. Syll. Pyr. l. c.

Hab. in foliis Graminum in « Gallia » (Tab. XXXVIII, fig. 9. — Ex specim. orig.).

Perithecia sparsa, $\frac{1}{10}$ mm. d.; asci 40-45 \approx 8-10; sporidia 12-14 \approx 3-4.

Leptosphaeria Hendersoniae (Ellis) Berl. *Sphaeria Hendersoniae* Ellis Grev. VI, p. 15 tab. 95. fig. 8. *Sphaeria melantera* Peck 29 Rep. p. 62 *Clypeosphaeria Hend.* Sacc. Syll. Pyr. II, p. 91.

Hab. in sarmentis Rubi strigosi in « Amer. bor. » (Tab. XXXVIII, fig. 10.

— Ex specim. orig. in Ellis North Amer. Fungi n. 581).

Perithecia gregaria, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 45-50 \approx 6-8; sporidia 13-15 \approx 3-4.

Epidermide circa ostiolum nigrescente *Clypeosphaeriam* simulat sed peritheciis duriusculis *Melanommati* affinior.

Leptosphaeria Leersiae Pass. Fungh. Parm. IV, p. 43. *Leptosphaeria Leersiana* Sacc. Syll. Pyr. II, p. 60.

Hab. in foliis Leersiae oryzoidis prope « Parma Ital. bor. » (Tab. XXXIX, fig. 1. — Ex specim. orig. a claro Pass. benevole communic.).

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{9}$ mm. d.; asci 55-65 \approx 8-9; sporidia 14-16 \approx 4-5.

Leptosphaeria muralis Sacc. Mich. II, p. 64. Syll. Pyr. II, p. 22.

Hab. in caulis Parietariae officinalis in « Gallia » (Tab. XXXIX, fig. 2.

— Ex specim. orig. a claro Sacc. benevole communicatis).

Perithecia sparsa, $\frac{1}{6}$ mm. d.; asci 70-75 \approx 8-9; sporidia 14 \approx 4.

Leptosphaeria anthelmintica (Cooke) Sacc. Syll. Pyr. II, p. 21. *Sphaeria anthelm.* Cooke Grev. VII, p. 53.

Hab. in caulis Chenopodii anthelmintici « Aiken in Carolina Amer. bor. » (Tab. XXXIX, fig. 3. — Ex specim. orig. a claro Cooke benevole communic. et in Herb. Sacc.).

Perithecia sparsa, $\frac{1}{5}$ mm. d.; asci 55-60 \approx 8-10; sporidia 17-19 \approx 4, (non ut in Grevill. I. c. 30-7).

Leptosphaeria anceps Sacc. Mich. I, p. 120. Fungi it. p. 513. Syll. Pyr. II, p. 27. Sacc. et Paol. Fungi Austral. p. 8.

Hab. in ramis Ribis in « Germania, Italia et Australia » (Tab. XXXIX, fig. 4. — Ex specim. orig. in Herb. Sacc.).

Perithecia sparsa $\frac{1}{7}$ - $\frac{1}{6}$ mm. d.; asci 45-55 \approx 9-12; sporidia 16-18 \approx 3 $\frac{1}{2}$.

In Italia specim. detexit, prope « Parma », clarus Prof. Passerini.

Leptosphaeria bella Pass. Diagn. Funghi nuovi II, p. 1887 p. 9.

Perithecia sparsa $\frac{1}{9}$ - $\frac{1}{8}$ mm. d.; asci 50-60 \approx 10-12; sporidia 14-16 \approx 5.

Hab. in caulis Chondrillae junceae « Vigheffio » prope « Parma Ital. bor. » (Tab. XXXIX, fig. 5. — Ex specim. orig. a claro Pass. benevole communic.). Valde affinis sequenti et verisimiliter haud specificie distincta.

Leptosphaeria brachysperma Berl. Champ. Frioul p. 8 tab. IX, fig. 4.

Hab. in caulis herbaceis emortuis « Osoppo Friuli Ital. bor. » (Tab. XXXIX, fig. 6).

Perithecia sparsa, $\frac{1}{8}\text{-}\frac{1}{9}$ mm. d.; asci 60-70 \approx 10-12; sporidia 16-17 \approx 5-6.

Leptosphaeria filamentosa Ellis et Ev. Journ. of. Myc. IV, pag. 76.

Hab. in foliis Yuccæ filamentosæ in « Amer. bor. » (Tab. XXXIX, fig. 7. — Ex specim. orig. a claro Ellis benevole communic.).

Perithecia in macula expallente sparsa, $\frac{1}{4}\text{-}\frac{1}{5}$ mm. d.; asci 75-80 \approx 7-9; sporidia 12-14 \approx 4-6.

Leptosphaeria Ramalinae (Desm.) Sacc. Syll. Pyr. p. 84. *Sphaeria Ramal.* Desm. XVI not. 1849, p. 28. Pl. crypt. Fr. exsicc. n. 2069.

Hab. in thallo Ramalinae in « Gallia » (Tab. XL, fig. 1. — Ex specim. orig. in Desm. l. c. editis).

Perithecia sparsa, $\frac{1}{8}\text{-}\frac{1}{9}$ mm. d.; asci 75-85 \approx 7-9; sporidia 14-16 \approx 4-5.

Leptosphaeria melanomoides Berl. *Melanomma Buxi* Rousseau (non Fabre).

*Hab. in ramis Buxi sempervirentis « Jvoir » in « Belgio » (Tab. XL, fig. 2. — Ex specim. *Melan. Buxi* a clara domina Rousseau benevole communicatis). Inter *Melanomma* et *Leptosphaerium* fere medium sed aptius ad genus hoc, ut mihi videtur, adscripta; certe a *Melanommate Buxi* Fabre aliena.*

Perithecia $\frac{1}{3}\text{-}\frac{1}{2}$ mm. d., sparsa; asci 65-75 \approx 10-12; sporidia 14-16 \approx 5-6

Leptosphaeria Magnusiana Sacc. et Berl. in Berl. et Vogl. Add. Syll. p. 414. Sacc. Supp. Syll. Pars. I, p. 787.

Hab. in foliis Chamaeropis humilis in « Sicilia » (Tab. XL, fig. 3).

Perithecia sparsa; $\frac{1}{8}\text{-}\frac{1}{7}$ mm. d.; asci 60-70 \approx 16-18; sporidia 18-20 \approx 4-5.

Leptosphaeria fimiseda Winter in Hedw. 1871 pag. 163. Pilze II, p. 490. Sacc. Syll. Pyr. II, p. 58.

Hab. in fimo in sylva « Harth » prope « Lipsia » (Tab. XL, fig. 4. — Ex specim. orig. a spectabili Directione Musei Berolinensis benevole missis).

Perithecia sparsa; asci 90-100 \approx 10-12; sporidia 18-22 \approx 4-5.

Leptosphaeria dumetorum Niessl Beitr. Kennt. Pilze 26, tab. III, fig. 19. Sacc. Syll. Pyr. II, p. 15. Winter Pilze II, p. 461. Rehm Ascom. n. 687 et 688.

*Hab. in caulis et ramis Humuli, Artemisiae, Lonicerae, Helianthi, Sambuci etc. in « Germania, Italia et Britannia » (Tab. XL, fig. 5. — Ex specim. orig. (in Humulo) a claro Niessl benevole communic.). Forma *Ebuli* (cfr. Rab. Wint. F. Eur. n. 2853, et Rehm Asc. n. 687 a claro Niessl lecta, a typo non differt.*

Perithecia sparsa, $\frac{1}{5}$ mm. d.; asci 60-70 \approx 6-7; sporidia 20-22 \approx 3 $\frac{1}{2}$ -4.

Leptosphaeria Bocconiae (C. et E.) Sacc. Syll. Pyr. II, p. 16. *Sphaeria Bocconiae* C. et E. Grev. VII, p. 10.

Hab. in caulis Bocconiae « New Jersey Amer. bor. » (Tab. XL, fig. 6. — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia sparsa, $\frac{1}{7}\text{-}\frac{1}{6}$ mm. d.; asci 65-75 \approx 7-9; sporidia 20-22 \approx 4-5. Valde affinis *L. dumetorum* et verisimiliter varietas.

Leptosphaeria Heufleri (Niessl) Sacc. Syll. Pyr. II, p. 83. *Sphaerella Heufl.* Niessl Beitr. p. 17 t. III, fig. 13. Winter Pilze II, p. 411.

Hab. in sporangiis siccis Polytrichi formosi ad « Eislöcher » prope « Eppan Tyroliae » (Tab. XL, fig. 7. — Ex Niessl. l. c.).

Perithecia gregaria, 50-100 μ . d.; asci 32-42 \approx 16-19; sporidia 14-16 \approx 3-4. Vere *Leptosphaeria genuina?* Specimina non vidi.

Leptosphaeria fusispora Niessl Beitr. p. 27 tab. IV, fig. 26. Sacc. Syll. Pyr. II, p. 18. Winter Pilze II, p. 462. *Leptosphaeria salicaria* Pass. Micr. Ital. n. 10. Sacc. Syll. Pyr. II, p. 23. *Leptosphaeria cruenta* Sacc. Mich. II, p. 318, Syll. Pyr. II, p. 25. *Lept. Capparidis* Pass. l. c. n. 9. Sacc. Syll. l. c. p. 24.

Hab. in ramulis Genistae tinctoriae et ad caules Capparidis, Lythri Salicariae, Onobrychidis et Thalictri flavi in « Germania, Italia et Gallia » (Tab. XLI, fig. 1. — Ex specim. orig. in *Onobrych. sativa*.).

Perithecia $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 90-100 \approx 8-9; sporidia 22-25 \approx 3-4. In specim. minibus *L. cruentae* perithecia majora adsunt sed ad *Phomam* mihi videntur pertinere. Maculae rubrae a fungillo alienae. Valde affinis *L. Bocconiae*.

Leptosphaeria juncina (Auersw.) Sacc. Syll. Pyr. II, p. 66. Winter Pilze II, p. 449. *Sphaeria juncina* Auersw. in Rab. Fungi Eur. n. 748. *Sphaerella juncea* Auersw. in Pyr. Myc. Eur. p. 18 t. VI, fig. 74.

Hab. in calamis aridis Junci in « Germania, Britannia et Lusitania » (Tab. XLI, fig. 2. — Ex specim. Winterianis.).

Perithecia $\frac{1}{8}$ mm. d.; asci 60-70 \approx 10-12; sporidia 23-26 \approx 3 $\frac{1}{2}$ -4 $\frac{1}{2}$.

Leptosphaeria eustoma (Fries) Sacc. Mycol. Ven. p. 210, Fungi it. tab. 497. Syll. Pyr. II, p. 61. Winter Pilze II, p. 445. *Sphaeria eustoma* Fries. Fr. El. II, p. 109. *Pleospora eustoma* Fuck. Symb. p. 139 tab. III, fig. 22.

Hab. in culmo, vaginis et pedunculis Sorghi vulgaris, Phragmitis, nec non in caulibus foliisque plantarum variarum in « Germania, Gallia et Italia » (Tab. XLI, fig. 3. — Ex specim. Gallicis in Herb. Sacc.).

Perithecia sparsa, $\frac{1}{7}$ - $\frac{1}{10}$ mm. d.; asci 55-60 \approx 7-10; sporidia 17-20 \approx 4-5. Species plures ad hanc adscripti et ut ejus formas notavi. Formae haec saepe tamen inter se tam parum differunt ita ut separatio quædam valde ardua sit.

Forma punctoidea Karst. in Hedw. 1884 n. 1 p. 2. et Rev. atque Synop. Ascom. fenn. p. 53 (ut sp.) Berl. et Vogl. Add. Syll. p. 140 (ut sp.).

Hab. in caulibus emortuis Asparagi officinalis ad « Mustiala Fenniae » (Tab. XLI, fig. 4. — Ex specim. orig. a claro Karst. benevole communic.).

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 55-65 \approx 7-10; sporidia 18-20 \approx 3-4.

Forma major Berl. *Leptosphaeria dumetorum forma Meliloti* Rehm. Ascom. n. 688. *Lept. dum.* Thymen Myc. Un. n. 2248 *Lept. dum. Var. Marrubii* Sacc. Syll. Pyr. II, p. 15.

Hab. in caulibus Meliloti albi et Marrubii vulgaris prope « Königstein » in « Germania et Italia » (Tab. XLI, fig. 5. — Ex specim. orig.).

Perithecia sparsa vel laxe gregaria, $\frac{1}{4}$ mm. d.; asci 60-65 \approx 8-9; sporidia 18-20 \approx 5-6. Magnitudine peritheciorum verisimiliter ut species habenda.

Forma Tritici (Garov.) Pass. M. n. p. 859 (ut sp.). *Pleospora Tritici* Gar. Arch. trienn. I, p. 123 t. XII f. 1-6.

Hab. in foliis Tritici vulgaris languidis « Rieti, Ravenna, Parma, Ital. bor. » (Tab. XLI, fig. 6. — Ex specim. in Rab. fungi Eur. n. 2333).

Perithecia sparsa, $\frac{1}{7}$ - $\frac{1}{8}$ mm. d.; asci 50-55 \approx 11-13; sporidia 18-20 \approx 4 $\frac{1}{2}$ -5 $\frac{1}{2}$.

Forma Molluginis Pass. Diagn. fung. nuovi IV, 1890 p. 5 (ut sp.).

Hab. in caulis Galii Molluginis prope « Parma Ital. bor. » (Tab. XLII, fig. 1. — Ex specim. orig. a claro Pass. benevole communic.).

Perithecia sparsa, $\frac{1}{7}$ min. d.; asci 65-75 \approx 10-12; sporidia 18-22 \approx 4-5.

Forma vinealis Pass. in Thuem. Pilze d. Weinst. p. 133. Speg. Ampel. ital. n. 25, t. XV (ut species).

Hab. in foliis sarmentisque languidis Vitis viniferae « Parma, Conegliano, Avellino Ital. » (Tab. XLII, fig. 2. — Ex specim. orig. a claro Pass. benevole communicatis).

Perithecia subgregaria, $\frac{1}{9}$ - $\frac{1}{8}$ mm. d.; asci 65-70 \approx 10-12; sporidia 19-22 \approx 4 $\frac{1}{2}$ -5.

Forma Apogon Sacc. et Speg. Mich. I, p. 398. Fungi it. t. 326 (ut sp.).

Hab. in calamis Scirpi Holoschaeni putrescentibus « Conegliano Ital. bor. » (Tab. XLII, fig. 3. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{7}$ mm. d.; asci 50-60 \approx 11-14; sporidia 19-23 \approx 4 $\frac{1}{2}$ -5 $\frac{1}{2}$.

Forma eustomoides Sacc. Fungi Ven. Ser. II, p. 319. F. it. t. 277 (ut sp.).

Hab. in culmis Andropogonis Ischoemi « Narvesa, Treviso Ital. bor. » (Tab. XLII, fig. 4. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{8}$ mm. d.; asci 55-65 \approx 8-10; sporidia 18-20 \approx 4-5.

Forma Typhae Karst. Myc. Fenn. II, p. 99. Sacc. Fungi it. t. 483. Syll. Pyr. II, p. 64 (ut sp.). *Sphaeria perpusilla* B. *Typhae* Rabenh. F. E. ed. II, n. 831 (teste Karst.) *Leptosiph. Typhae* Winter Pilze II, p. 450.

Hab. in calamis putrescentibus Typhae latifoliae in « Fennia, Germania, Gallia et Italia » (Tab. XLII, fig. 5. — Ex specim. a claro Karst. benevole communic.).

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{9}$ mm. d.; asci 55-65 \approx 9-12; sporidia 18-20 \approx 4-5.

Forma Corallorrhizae Peck 38 Rep. St. Mus. p. 105, tab. 2, fig. 20-23. Berl. et Vogl. Add. Syll. p. 135 (ut species).

Hab. in caulis emortuis Corallorrhizae multiflorae « Caroga Amer. bor. » (Tab. XLII, fig. 6. — Ex spec. orig. a cl. Peck benevole communic.).

Perithecia numerosa, $\frac{1}{9}$ - $\frac{1}{8}$ mm. d.; asci 55-65 \approx 9-12; sporidia 18-22 \approx 4-5.

Forma Lunariae (B. et Br.) Sacc. Syll. Pyr. II, p. 57. (ut sp.) *Sphaeria Lunariae* B. et Br. Not. Brit. Fungi n. 892, t. 11, f. 36.

Hab. in siliquis Lunariae in « Britannia » et « Conegliano Ital. bor. » (Tab. XLII, fig. 7. — Ex specim. ital. in herb. Sacc.).

Perithecia sparsa vel gregaria, $\frac{1}{7}\text{-}\frac{1}{8}$ mm; d.; asci 65-75 \approx 10-12; sporidia 18-20 \approx 5-6.

Forma carpophila Sacc. Fungi Ven. Ser. II, p. 314. Fungi it. t. 270. Syll. Pyr. II, p. 57. (ut sp.) *Lept. bractearum* Sacc. Mich. I, p. 397. Syll. I. c. p. 58.

Hab. in capsulis siccis Tecomae radicantis cultae « Selva, Treviso Ital. bor. » (Tab. XLIII, fig. 1. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{9}\text{-}\frac{1}{8}$ mm. d.; asci 65-70 \approx 10; sporidia 18-21 \approx 4-5.

Forma Aglaja Sacc. Fung. Ven. Ser. II, p. 310, F. it. t. 267. Syll. Pyr. II, pag. 48 (ut species).

Hab. in foliis Oxalidis strictae prope « Treviso Ital. bor. » (Tab. XLIII, fig. 2. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia $\frac{1}{9}$ mm. d.; asci 45-50 \approx 10-12; sporidia 16-18 \approx 3-4 $\frac{1}{2}$.

Forma marginalis Sacc. Mich. II, p. 244. Mycoth. Ven. n. 1162. F. it. t. 262. Syll. Pyr. II, p. 52.

Hab. in foliis Albizziae Julibrissim adhuc vivis « Vittorio Ital. bor. » (Tab. XLIII, fig. 3. — Ex specim. orig. a claro Sacc. benev. communic.).

Perithecia $\frac{1}{10}\text{-}\frac{1}{9}$ mm. d.; asci 60-65 \approx 10; sporidia 18-21 \approx 4-5.

Forma Lathonia Sacc. Fungi Ven. II, p. 310. Fungi ital. tab. 261. Syll. Pyr. II, p. 48 (ut species).

Hab. in foliis Hellebori viridis in « Italia bor. » (Tab. XLIII, fig. 4. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia $\frac{1}{10}\text{-}\frac{1}{9}$ mm. d.; asci 50-55 \approx 7-10; sporidia 16-18 \approx 3-4) ad *Metasphaeriam* vergit.

Forma Lucilla Sacc. Fung. Ven. II, p. 310-311. Fungi it. t. 265. Syll. Pyr. II, p. 52.

Hab. in foliis languidis Piri communis in agro « Tarvisino et Patavino Ital. bor. » (Tab. XLIII, fig. 5. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia $\frac{1}{10}\text{-}\frac{1}{9}$ mm. d.; asci 55-65 \approx 10-12; sporidia 20-22 \approx 4-5.

Forma Lucina Sacc. Fungi Ven. Ser. II, p. 311. F. it. t. 263. Syll. Pyr. II, pag. 52.

Hab. in foliis Cytisi Laburni emortuis in « Ital. bor. et Gallia » Tab. XLIII, fig. 6. — Ex specim. orig. a claro Sacc. benev. communic.).

Perithecia $\frac{1}{8}$ mm. d.; asci 55-65 \approx 10-12; sporidia 18-20 \approx 5-6.

Forma Salicinarum (Pass.) Sacc. Syll. Pyr. II, p. 50. *Sphaerella Salicinarum* Pass. Hedw. 1868 p. 172. *Leptospor. Aegira* Sacc. et Spieg. Mich. I, p. 153, F. it. t. 257. Sacc. Syll. Pyr. II, p. 51 *Leptospor. Dryadea* Sacc. Fungi Ven. Ser. II, p. 311. Fungi it. t. 258. Syll. Pyr. II, p. 50. *Leptospor. Decai-*

sneana Sacc. Syll. Pyr. II, p. 50. *Depazea Decaisneana* Crié sur les Dep. p. 44, t. VIII, fig. 3.

Hab. in foliis Populi nigrae et Salicis albae in « Italia sup. » Tab. XLIV, fig. 1. — Ex specim. orig. a claro Pass. benevole communicatis).

Perithecia $\frac{1}{10}\text{-}\frac{1}{9}$ mm. d.; asci 60-65 \approx 8-10; sporidia 17-19 \approx 5-6.

Forma fuscidula Pass. Diagn. Fung. n. II 1887, p. 9. Sacc. Add. Syll. Pars. I, p. 793 (ut sp.).

Hab. in foliis aridis Melicae altissimae in « Regio Horto Bot. Parmensi. » (Tab. XLIV, fig. 2. — Ex specim. orig. a claro Pass. benev. communic.).

Perithecia $\frac{1}{9}\text{-}\frac{1}{8}$ mm. d.; asci 65-80 \approx 10-12; sporidia 18-20 \approx 5-6.

Forma parvula Niessl Beitr. p. 23, t. III, f. 17. Sacc. Syll. Pyr. II, p. 69. (ut sp.).

Hab. in foliis languescentibus Iridis Pseudacori prope « Brünn Moraviae » (Tab. XLIV, fig. 3. — Ex specim. orig. a claro Niessl. benev. communic.).

Perithecia $\frac{1}{7}\text{-}\frac{1}{6}$ mm.; asci 58-65 \approx 10-12; sporidia 18-21 \approx 4-5.

Forma elaeospora Sacc. Syll. Pyr. II, p. 65. *Lept. Graminum f. elaeospora* Sacc. Mich. II, p. 321. *Perisporium Arundinis* Roum. Fungi Gall. n. 764, p. p.

Hab. in foliis Phragmitis communis « Perpignan Galliae » (Tab. XLIV, fig. 4. — Ex specim. orig. in Roum. Fungi Gall. exicc. n. 764).

Perithecia sparsa $\frac{1}{9}\text{-}\frac{1}{8}$ mm. d.; asci 50-60 \approx 11-13; sporidia 18-20 \approx 4-5.

Forma Musarum Sacc. et Berl. Micetes Guineens. p. 3 in Rev. Myc. 1889 (ut species) Sacc. Suppl. Syll. Pars I, p. 784 (ut sp.).

Hab. in foliis Musarum « S. Thomé Afr. Occ. » (Tab. XLIV, fig. 5. — Ex specim. orig. in Herb. Sacc.).

Perithecia gregaria, $\frac{1}{8}\text{-}\frac{1}{6}$ mm. d.; asci 65-75 \approx 10-12; sporidia 16-19 \approx 4-6.

Forma rivularis Sacc. Bomm. et Rouss. Suppl. Syll. Pars I, p. 787.

Hab. in caulibus Alismatis Plantaginis « Remouchamps Belgii ».

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 85-95 \approx 15-18; sporidia 20-22 \approx 5-7 flava.

Forma olericola (B. et C.) Sacc. Syll. Pyr. II, p. 21. (ut sp.). *Sphaeria olericola* B. et C. North. Amer. Fungi n. 938.

Hab. in caulibus Brassicae in « Amer. bor. et Fennia. »

Perithecia gregaria, $\frac{1}{7}\text{-}\frac{1}{6}$ mm. d.; asci 55-65 \approx 8-10; sporidia 22-24 \approx 4-5, triseptata melleo-viridula.

Forma Ailanthi Karst. et Har. Journ. Bot. 1889, p. 206. Sacc. Suppl. Syll. Pars I, p. 781, (ut species).

Hab. ad ramulos Ailanthi glandulosae in « Gallia ».

Perithecia sparsa, minuta, 200 μ . d.; asci 75-85 \approx 8-10; sporidia 22-24 \approx 3-4, triseptata, pallide mellea.

Leptosphaeria eustoma var. endophaena Bomm. Rouss. et Sacc. Suppl. Syll. Pars I, p. 781.

Hab. in ramis emortuis Ailanthi glandulosae « Watermael Belgii ».

Perithecia sparsa $\frac{1}{4}$ mm. d.; asci 100-110 \approx 14-16; sporidia 18-21 \approx 5-6, flavo-olivascentia.

Leptosphaeria vagabunda Sacc. F. ven. II, p. 318, p. p. Penzig Fungi Agr. p. 30, tab. 1114 Brunaud Contr. Fl. Myc. Ovest. Pyren. p. 163. p. p. Winter Die Pilze II, p. 465, p. p. Berlese. Alcune sp. poco note Lept. p. 7. *Sphaeria fuscella* Sacc. p. p. (non B. et Br.).

Hab. in ramulis caulibusque plantarum plurium in « Italia bor., Gallia et Germania » (**Tab. XLV fig. 1.** — Ex specim. orig. a cl. Sacc. benevole communic.).

Perithecia sparsa vel leniter gregaria, 150-200 μ . diam.; asci 100-110 \approx 10-12; sporidia 20-22 \approx 5-6.

Leptosphaeria Lemaneae (Cohn. et Wor.) Sacc. Syll. Pyr. II, p. 84 Wint. Pilze II, p. 440. *Sphaeria Lemaneae* Cohn. et Wor. in Beitr. Z. Morph. und. Phys. d. Pfl. III, p. 1, t. 1. *Leptosphaeria fluviatilis* Sacc. Syll. Pyr. II, p. 84. *Sphaeria fluviatilis* Ph. et Pl. Grev. X, p. 73.

Hab. sub aqua in thallo Lemaneae fluviatilis in fluviis prope « Freuburg, Baden, Germaniae, et Longmynd » Britanniae (**Tab. XLV, fig. 2.** — Ex specim. orig. *L. fluviatilis* a claro Plowright benevole communic.).

Perithecia 70 μ . diam.; asci 55-65 \approx 10-12; sporidia 19-21 \approx 4-5.

Leptosphaeria donacina Sacc. Myc. Ven. Spec. 107, tab. X, fig. 39-42. F. it. t. 504. Syll. Pyr. II, p. 63.

Hab. in culmis emortuis Arundinis Donacis, « Padova Ital. bor. » (**Tab. XLV, fig. 3.** — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{4}$ mm. d.; asci 85-95 \approx 10-12; sporidia 22-24 \approx 5-6.

Leptosphaeria Crepini (Vest.) De Not. Nuov. Recl. Piren. ital. p. 10. Syll. Pyr. II, p. 79. Winter Pilze II, p. 441. *Sphaeria Crepini* West. 6. Not. Belg. p. 17. *Sphaeria Marcyensis* Peck 31 Rep. on the St. Mus. N. Y. et Hedw. 1881, p. 157. *Lept. Marcyensis* Sacc. Syll. Pyr. II, p. 80. *Sphaeria Lycopodiocola?* Mont. Syll. n. 860. *Lept. lycopod.* Sacc. Syll. Pyr. II, p. 81.

Hab. in foliis Lycopodii annotini et L. Selaginis in « Fennia, Belgio, Germania, Italia Amer. bor. » (**Tab. XLV, fig. 4.** — Ex specim. in Rehm Ascom. n. 886).

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{7}$ mm. d.; asci 65-78 \approx 12-14; sporidia 20-24 \approx 5-7.

Leptosphaeria hiemalis Sacc. et Speg. Mich. I, p. 395. Fungi it. t. 365. Syll. Pyr. II, p. 81.

Hab. in caulis Equiseti hiemalis et E. ramosi in « Italia bor. et Gallia » (**Tab. XLV, fig. 5.** — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa $\frac{1}{4}$ mm. d.; asci 100-110 \approx 12-15; sporidia 23-25 \approx 6-7.

Leptosphaeria Phytolaccae Cav. Mat. Myc. Lomb. p. 11, t. I, fig. 3. Sacc. Suppl. Syll. Pars I, p. 736.

Hab. in caulis vetustis Phytolaccae decandrae « Torre d'Isola » prope

« Pavia Italiae » (Tab. XLV, fig. 6. — Ex specim. orig. a cl. Briosi benevole communic.).

Perithecia gregaria, $\frac{1}{3}$ mm. et amplius diam.; asci 85-100 \times 9-12; sporidia 25-30 \times 5-6. Affinis *L. eustomae* sed major et peritheciis collapsis.

Leptosphaeria Micropogon Sacc. Fungi Ven. Ser. II, p. 320. Fungi it. t. 275. Syll. Pyr. II, p. 63.

Hab. in calamis Scirpi Holoschaeni « Vidor, Treviso Ital. bor. » (Tab. XLVI, fig. 1. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia hinc inde gregaria, plagulas nebulosas efficientia setulosa; setulae 20-22 \times 4-6; asci 75-85 \times 10-12; sporidia 18-22 \times 4 $\frac{1}{2}$ -5.

Leptosphaeria Parietariae Sacc. Mycol. Ven. p. 106, t. X, fig. 32-34. Syll. Pyr. II, p. 23.

Hab. in caule exsiccato Parietariae officinalis « Padova Ital. bor. » (Tab. XLVI, fig. 2. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{7}$ - $\frac{1}{8}$ mm. d.; asci 65-70 \times 8; sporidia 22-25 \times 3-4.

Leptosphaeria personata Niessl in Rabenh. F. Eur. n. 1933. Bot. Jahresb. 1875 p. 262. Syll. Pyr. II, p. 59. *Leptosphaeria obesula* Sacc. Mich. II, p. 318. Syll. Pyr. II, p. 15.

Hab. in culmis siccis Airae caespitosae et in caulis herbarum majorum in « Austria, Gallia et Belgio. » (Tab. XLVI, fig. 3. — Ex specim. orig. *L. obesulae*. a cl. Sacc. benevole comm. cum iis orig. *L. personatae* minutum comp.).

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 55-65 \times 18-24; sporidia 21-23 \times 5-6.

Leptosphaeria Silenes-acaulis De Not. Recl. Pyr. p. 485. Sacc. I. c. p. 47. *L. Hausmanniana*? Auersw. in Hedwigia 1868 p. 185. Sacc. Syll. Pyr. II, p. 47.

Hab. in pagina superiore foliorum emortuorum Silenes-acaulis in « Tyrolia » et « Vette di Valdobbia Ital. bor. » et « Green Harbour Spitzbergiae » (Tab. XLVI, fig. 4. — Ex specim. in Rab.- Winter Fung. Europ. n. 2765 cum originalibus comparatis.).

Perithecia sparsa vel subgregaria, $\frac{1}{8}$ mm. d.; asci 45-55 \times 14-16; sporidia 30-32 \times 4 $\frac{1}{2}$ -6.

Leptosphaeria Digitalis (Crouan) Sacc. Syll. Pyr. II, p. 85, Berl. et Bres. Fungi Trid. p. 33, tab. III, fig. 2. *Sphaeria Digitalis* Crouan Finist. p. 28.

Hab. in caulis emortuis Digitalis in Gallia et Tyrolia. (Tab. XLVI, fig. 5. — Ex specim. Tridentinis).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 70-80 \times 8-10; sporidia 24-28 \times 4-5.

Leptosphaeria Marram (Cooke) Sacc. Syll. Pyr. II, p. 60. *Sphaeria Marram* Cooke Grev. V. p. 120.

Hab. in culmis Ammophilae « Happisburg Britanniae » (Tab. XLVI, fig. 6. — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia sparsa, $\frac{1}{7}\cdot\frac{1}{6}$ mm. d.; asci 65-75 \times 12-14; sporidia 25-27 \times $4\frac{1}{2}\cdot5\frac{1}{2}$.

Leptosphaeria patelliformis Pass. Diagn. Funghi nuovi 1888 p. 59.

Hab. in culmo Zeae Maydis prope « Parma Ital. bor. » (Tab. XLVII, fig. 1.

— Ex specim. orig. a claro Passerini benevole communic.).

Perithecia sparsa, collapsa, $\frac{1}{5}\cdot\frac{1}{4}$ mm. d.; asci 50-55 \times 8-10; sporidia 16-18 \times 4-5. A *L. pyrenopezizoides* differt sporidiis minoribus obtusioribusque.

Leptosphaeria haematites (Rob.) Niessl in Rabh. Wint. Fungi eur. n. 2761 et in Hedwigia 1883, n. 5. Sacc. Syll. Pyr. II, p. 36 et Add. LVI. Winter Pilze II, p. 470. *Sphaeria haemat.* Rob. in Desm. XIX Not. p. 16. *Leptosph. pyrenopezizoides* Sacc. et Sp. Mich. I, p. 394, Sacc. Syll. Pyr. II, p. 23, et Fungi It. tab. 323. Berlese Fungi Mor. fasc. IV t. XXX fig. 5-10. *Sphaerella haematites* Cooke Journ. Bot. 1883, p. 109. *Didymella haem.* Sacc. Syll. Pyr. I, p. 553.

*Hab. in sarmenis Clematis Vitaliae et in ramulis Mori albae in « Gallia, Germania et Italia » (Tab. XLVII, fig. 2. — Ex specim. orig. *L. pyrenopezizoides* cum iis originalibus *Lept. haematites* in Desm. Fl. Crypt. Fr. n. 12 minutum comparatis. In tabula nomen corrigere.*

Perithecia sparsa $\frac{1}{6}\cdot\frac{1}{5}$ mm. d.; asci 65-75 \times 8-10; sporidia 24-27 \times 3-4 $\frac{1}{2}$.

Leptosphaeria Aconiti Sacc. Fungi Ven. Ser. II, p. 315, Syll. Pyr. II, p. 24.

Hab. in caulis aridis Aconiti Napelli prope « Treviso » Ital. bor. (Tab. XLVII, fig. 3. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 85-95 \times 11-13; sporidia 22-25 \times 6-7. Af. finis *L. Doliolo*, a qua sporidiis distichis crassioribus distinguitur.

Leptosphaeria Parmeliacarum (Ph. et Pl.) Sacc. Syll. Pyr. II, p. 85. *Sphaeria Parmeliacarum* Phill. et Plowr. Grevill. IV, p. 124, t. 62, fig. VIII.

Hab. in Parmelia saxatili, « North Walles Britanniae » (Tab. XLVII, fig. 4.

— Ex specim. orig. a claro Plowr. benevole communic.).

Perithecia conferta, $\frac{1}{3}$ mm. d.; asci 100-110 \times 9-12; sporidia 22-24 \times 6-7.

Leptosphaeria Coniothyrium Sacc. in Nuov. Giorn. Botan. Ital. VII 1875, p. 317. Syll. Pyr. II, p. 29. *Sphaeria Coniothyrium* Fuck. Symb. mycol. p. 115, Winter Pilze II, p. 464.

Hab. in sarmenis ramisque emortuis variis, praecipue Ruborum, in « Germania, Italia, Lusitania, Gallia » (Tab. XLVII, fig. 5. — Ex specim. orig. a cl. Saccardo benevole communicatis).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 85-95 \times 6-8; sporidia 13-15 \times 4 $\frac{1}{2}$ -5.

Leptosphaeria conoidea De Not. Micr. Ital. dec. IX, f. 7. (ut var. *L. Dolioli*). Sacc. Fungi Ven. Ser. II, p. 314. Syll. Pyr. II, p. 14. Winter Pilze II, p. 461 (ut var. *L. Dolioli*) *Sphaeria Helena* Curr. Linn. Trans. XXII, t. 59, fig. 137.

Hab. in caulis Angelicae, Urticae etc. nec non in ramulis Pteridis a-

quilineae in « Italia, Fennia, Germania et Britannia » (**Tab. XLVII, fig. 6.** — Ex specim. *L. Dolioli* formae *conoideae minoris* a claro Niessl in *Pteride aquil.* in « Styria » lectis) Species aptius ut Var. *L. Dolioli* habenda.

Perithecia sparsa vel subgregaria, $\frac{1}{4}$ mm. d.; asci 70-80 \times 8-9; sporidia 16-18 \times 4-5.

Leptosphaeria Doliolum (Pers.) De Not. Schem. Sfer. p. 61, Sacc. Syll. Pyr. II, p. 14. Winter Pilze II, p. 460 *Sphaeria Doliolum* Pers. Syn. Fung. pag. 78.

Hab. in caulis emortuis plantarum plurium in « Suecia, Britannia, Gallia, Italia, Belgio, Germania, Fennia, Carolina ». (**Tab. XLVIII, fig. 1** — Ex specim. *Pleosporae Dolioli* in Rehm Ascom. n. 194 cum specim. pluribus e regionibus variis minutum comparatis).

Perithecia sparsa vel subgregaria, $\frac{1}{3}$ mm. d.; asci 100-110 \times 8-10; sporidia 20-23 \times 4-5.

Forma subconica (C. et P.) Sacc. Syll. Pyr. II, p. 15 (ut species) *Sphaeria subconica* C. et Peck. 29 Rep. on the St. Mus. New York.

Hab. in caule herbarum in « Amer. bor. » (**Tab. XLVIII, fig. 2.** — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 95-105 \times 6-7; sporidia 18-20 \times 4-5 (numquam 30, ut clarus Cooke scribit.). Aegre ut Var. *L. Dolioli* habenda, aptius huic adscribenda.

Leptosphaeria Thomasiana Sacc. et Roum. in Ber. Myc. 1883 tab. 40, fig. 10. Suppl. I. Syll. p. 779.

Hab. in sarmentis Rubi emortuis in « Gallia » (**Tab. LXVIII, fig. 3.** — Ex specim. orig. a cl. Sacc. benevole commun.).

Perithecia dense gregaria, $\frac{1}{3}$ mm. d., duriuscula; asci 80-90 \times 8-10; sporidia 18-21 \times 5-6.

Contextu peritheciorum in primis, vix *Leptosphaeria*, aptius *Melanomma*.

Leptosphaeria anthophila S. et S. Mich. I, p. 396. Fungi it. tab. 364. Syll. Pyr. II, p. 58.

Hab. in inferiore parte anthodii secedentis putrescentis Carlinae acaulis « Cansiglio Ital. bor. » (**Tab. XLVIII, fig. 4.** — Ex specim. orig. a cl. Sacc. benevole commun.).

Perithecia sparsa vel gregaria, $\frac{1}{3}$ mm. d.; asci 90-100 \times 10-12; sporidia 22-25 \times 5-6.

Affinis *L. Dolioli*, a qua differt peritheciis vix sulcatis et vix minoribus. An satis?

Leptosphaeria suffulta (Nees) Niessl in Rab. F. E. n. 1549. Sacc. Fungi it. t. 490. Syll. Pyr. II, p. 14. Winter Pilze II, p. 461. *Sphaeria suffulta* Nees Syst. p. 316, f. 388.

Hab. in ramulis Melampirorum in « Germania, Italia, Austria » (**Tab.**

XLVIII, fig. 5. — Ex specim. Niessleanis in Rab. Fungi Eur. n. 1549 cum italicis comparatis.).

Perithecia sparsa, $\frac{1}{3}$ et usque fere $\frac{1}{2}$ mm. d.; asci 85-95 \times 7-9; sporidia 24-28 \times 3 $\frac{1}{2}$ -4.

Leptosphaeria clivensis (B. et Br.) Sacc. Syll. Pyr. II, p. 16, *Sphaeria clivensis* B. et Br. Not. Brit. Fungi n. 643, t. 11, fig. 29. *Pleospora Libanotis* Fuck. Symb. Myc. App. II, p. 24. *Leptosphaeria Libanotis* Sacc. Syll. Pyr. II, p. 16. *Sphaeria praetermissa* Karst. Myc. Fenn. II, p. 89, *Leptosphaeria praetermissa* Sacc. Syll. Pyr. II, p. 26.

Hab. in caulis Pastinaceae, Senecionis, Libanotis, Dauci, Seseli etc. in «Britannia, Germania et Fennia» (**Tab. XLIX, fig. 1.** — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia coriacea, crassa, $\frac{1}{2}$ mm. d., subgregaria; asci 125-135 \times 11-13; sporidia 22-25 \times 6-7 $\frac{1}{2}$. Specimina australiana (in Sacc. Fungi Austr.) potius ad *L. Dumetorum* pertinent.

Leptosphaeria leptospora (De Not.) Sacc. Syll. Pyr. II, p. 16. *Cucurbitaria leptospora* De Not. Sfer. ital. p. 62, t. 61.

Hab. in caulis siccis Dianthi atrorubentis, «Valle Intrasca Ital. bor.» (**Tab. XLIX, fig. 2.** — Ex specim. original. in Erb. Critt. ital. Ser. I, n. 59.

Perithecia sparsa, $\frac{1}{3}$ et amplius mm. d.; asci 90-100 \times 8-10. Sporidia 20-22 \times 5-6. Affinis *L. clivensi*.

Leptosphaeria gallicola Sacc. Myc. Ven. 104 tab. X, fig. 22-23, Syll. Pyr. II, p. 21.

Hab. ad caules emortuos Galii Molluginis «Padova Ital. bor.» (**Tab. XLIX, fig. 3.** — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 80 \times 8; sporidia 15-18 \times 5 $\frac{1}{2}$ -6 $\frac{1}{2}$.

Leptosphaeria consessa (C. et E.) Sacc. Syll. Pyr. II, p. 17, *Sphaeria consessa* E. et E. Grev. VI, p. 95, t. 100, f. 37.

Hab. in caulis Helianthi «New Jersey Amer. bor.» (**Tab. XLIX, fig. 4.** — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 105-115 \times 8-10; sporidia 16-18 \times 5-6.

Leptosphaeria socialis Berl. sp. nova. Peritheciis sparsis vel subgregariis $\frac{1}{8}$ mm. d. globoso-conoideis, tectis; ascis 60-65 \times 12-16; sporidiis triseptatis 15-18 \times 5-6.

Hab. in caulis Asparagi officinalis in «Fennia, » sociis *L. praeclara*, *L. Asparagi* et *L. punctoidea* (**Tab. XLIX, fig. 5.**).

Leptosphaeria Solani Romell. in Herb. Sacc.

Hab. in caulis Solani Dulcamarae ad «Visley Gotlandiae Sueciae» (**Tab. XLIX, fig. 6.** — Ex specim. orig. in herb. Sacc.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 75-85 \times 9-11; sporidia 14-16 \times 6-7. A *Leptosphaeria sociali* peritheciis valde majoribus in primis differt.

Leptosphaeria gillotiana Sacc. et Roum. in Rev. Myc. 1883, p. 236, tab. 40, fig. 9, Suppl. Syll. Pars. I, p. 777.

Hab. in ramis corticatis Salicis in « Gallia » (**Tab. 4, fig. 1.**) — Ex specim. orig. a cl. Sacc. benevole communic.).

Perithecia subgregaria, $\frac{1}{2}$ mm. d.; asci 70-80 \times 10-12; sporidia 16-18 \times 6-7.

Potius *Melanomma* forma subcorticalis.

Leptosphaeria conjugata (De Not.) Berl. *Sphaeria conjugata* De Not. Sf. it. p. 64, t. 64. *Melanomma conjugatum* Sacc. Syll. Pyr. II, p. 107.

Hab. in ramis siccis Populi (?) in « Monte Cenisio Ital. bor. » (**Tab. L, fig. 2.**) — Ex specim. orig. a claro Pirotta benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 90-100 \times 8-9; sporidia 16-20 \times 5-6.

Inter *Melanomma* et *Leptosphaeriam* fere media sed aptius huic (ut mihi videtur) adscribenda.

Leptosphaeria acicola (Fuck.) I, Sacc. Syll. Pyr. II, p. 55, *Pleospora acicola* Fuck. Symb. Myc. App. I, p. 301, App. II, fig. 4, Fungi Rhen. n. 2526. Winter Pilze II, p. 492.

Hab. in acubus Pini silvestris « Iohannisberg Germaniae » (**Tab. L, fig. 3.**

— Ex specim. orig. in Fuckel. l. c. a cl. Briosi benevole communic.).

Perithecia $\frac{1}{8}$ - $\frac{1}{7}$ mm. d. (non 1 mm. ut in Symb. l. c.); asci 60-65 \times 8-10; sporidia 18-22 \times 4-5.

Leptosphaeria hyperborea (Fuck.) Berl. et Vogl. Add. Vol. I-IV Syll. p. 140. Sacc. Suppl. Pars I, Syll. p. 782. *Pleospora hyperborea* Fuck. 2, Deut. Nord-polf. II, p. 92, Oudemans Contr. Fl. Myc. Now. Seml. p. 153, tab. II, fig. 9. *Sphaerella Andromedae* Auersw. Syn. Pyr. p. 12, tab. 7 fig. 12, *Lept. Andr.* Sacc. Syll. Pyr. II, p. 49.

Hab. in pagina superiore foliorum aridorum Andromedae tetragonae « Shannon insulae Groenlandiae et Spitsbergen » (**Tab. L, fig. 4.**) — Ex Oud. l. c.)

Perithecia sparsa; asci 60 \times 24; sporidia 24 \times 8.

Leptosphaeria Endiusae (Fuck.) Sacc. Syll. Pyr. II, p. 57, *Pleospora Endiusae* Fuck. Symb. p. 136, Fungi rhen. n. 2030.

Hab. in leguminibus et caulinibus Endiusae (Erv.) hirsutae in « Germania » (**Tab. L, fig. 5.**) — Ex specim. orig. in Fuck. l. c. a cl. Briosi benevole communic.).

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 55-65 \times 8-11; sporidia 18-24 \times 4-5.

Numquam inveni sporidia 30 μ . metientia ut in Symb.

Leptosphaeria Sarazziniana Sacc. et Roum. in Rev. Myc. 1884, tab. LV, fig. 2. Berl. et Vogl. Add. Syll. p. 135.

Hab. in nodis Caryophyllaceae cuiusdam « Senlis Galliae. » (**Tab. L, fig. 6**

— Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 85-100 \times 10-12; sporidia 18-21 \times 5-6.

Leptosphaeria Caricae (Pass.) Berl. *Melanomma Caricae* Pass. Diagn. Fungi Nuovi III, n. 23.

Hab. in ramis emortuis Fici Caricae prope « Parma Ital. borealis » (Tab. L, fig. 7. — Ex specim. orig. a cl. Pass. benevole communic.).

Perithecia sparsa, membranacea, $\frac{1}{4}$ mm. d.; asci 80-100 \times 10-12; sporidia 16-18 \times 5-6 $\frac{1}{2}$.

Leptosphaeria Collumiae (B. et C.) Sacc. Syll. Pyr. II, p. 50. *Sphaeria Collumiae* B. et C. in N. Pac. Expl. p. 130, n. 164.

Hab. in foliis Collumiae squarrosae « Capo Buona Speranza Africæ australis » (Tab. LI, fig. 1. — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia sparsa $\frac{1}{4}$ mm. d.; asci 65-75 \times 8-10, sporidia 14-17 \times 5-6.

Leptosphaeria platycarpa Sacc. Mich. I, p. 342, Fungi it. tab. 290 Syll. Pyr. II, p. 30.

Hab. in ramulis Corni sanguineae « Conegliano Ital. bor. » (Tab. LI, fig. 2.

— Ex specim. orig. a claro Saccardo benevole communic.).

Perithecia gregaria, $\frac{1}{5}$ mm. d.; asci 100-110 \times 8-10; sporidia 16-18 \times 4-6. Valde affinis *L. Collumiae*.

Leptosphaeria Bommeriana (Sacc. Bomm. et Rouss.) Berl. *Chaetosphaeria Bommeriana* S. B. et R. in Herb.

Hab. in caulinis Epilobii hirsuti in « Belgio ».

Perithecia $\frac{1}{2}$ mm. d.; asci 100-110 \times 8-12; sporidia 22-25 \times 6-7.

Leptosphaeria Rivana (De Not.) Sacc. Syll. Pyr. II, p. 83. *Sphaeria Rivana* De Not. Recl. p. 485. *Trichosphaeria Peltigerae?* Fuck. *Sphaeria Caninae* Plowr. et Phill. in Grev. VI, p. 27, t. 94, f. 8. *Lept. Caninae* Sacc. Syll. Pyr. II, p. 81.

Hab. in thallo Peltigerae caninae « Dunsley Britanniae » et « Riva Valsesia Ital. bor. » (Tab. LI, fig. 4. — Ex specim. orig. a cl. Pirotta benevole communic.).

Perithecia acervata, matrice nigrescente, fere stromaticâ immersa, $\frac{1}{8}$ mm. d.; asci tetraspori, 60-65 \times 10-12; sporidia 19-22 \times 7-8.

Leptosphaeria fuscella (B. et Br.) Ces. et De Not. Schema p. 236. Sacc. Syll. Pyr. II, p. 30. *Sphaeria fuscella* B. et Br. Brit. Fung. n. 636, t. XI, fig. 20.

Hab. in sarmentis Ruborum et Rosarum in « Britannia, Lusitania, Italia, Austria, America boreali » (Tab. LI, fig. 5. — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 95-105 \times 8-10; sporidia 15-17 \times 7-8.

Leptosphaeria hydrophila Sacc. Fungi Ven. Ser. II, p. 320 Fungi it. t. 280. Syll. Pyr. II, p. 67.

Hab. in calamis Junci effusi « Selva, Treviso Ital. bor. » (Tab. LI, fig. 6

— Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{9}\text{-}\frac{1}{8}$ mm. d.; asci 75-85 \times 12-14; sporidia 26-28 \times 6-7.

Leptosphaeria subiecta Wint. Hedw. 1872 p. 145, Sacc. Syll. Pyr. II, p. 49.

Hab. ad folia arida Ericae carneae prope « Seis Tyroliae » (Tab. LII,

fig. 1. — Ex specim. orig. a spect. Directione Musei berolin. benevole commun.).

Perithecia sparsa, amphigena, $\frac{1}{6}\text{-}\frac{1}{7}$ mm. d.; asci 100-110 \times 12-15; sporidia 22-25 \times 6-8.

Leptosphaeria Galiorum Sacc. Mycol. Ven. p. 104. t. X, f. 20-21 (nec Desm.) Syll. Pyr. II, p. 22 *Lept. Rothomagensis* Saccardo in herb. *L. clivensis* Plowright Fungi Brit. Exsicc. n. 60 Thümen Myc. Un. n. 1254.

*Hab. in caulis Galiorum, Senecionum et Veronicæ in « Britannia, Italia et Germania. » Specimina Winteriana et Rabenhorstiana ad *L. Dumetorum* pertinent. Species vero in Germania adest, nam eam inveni in speciminibus Winterianis *Lept. striatae*. (Tab. LII, fig. 2. — Ex specim. Plowright. l. c. cum originalibus *L. Rothomagensis* minute comparatis).*

Perithecia sparsa, $\frac{1}{3}$ et fere $\frac{1}{2}$ mm. d.; asci 95-105 \times 12-15, subinde longe stipitati; sporidia 20-23 \times 6-7 $\frac{1}{2}$.

Forma Lampsanae Sacc. et Br. in Rev. Myc. 1885. Berl. et Vogl. in Add. Syll. p. 135.

Hab. in caulis Lampsanae communis « Troyes Galliae. » (Tab. LII, fig. 3. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ et usque fere $\frac{1}{2}$ mm. d.; asci 95-105 \times 12-15; sporidia 20-22 \times 7-8. A tipo aegre distinguenda.

Leptosphaeria Steironematis Ellis et Ev. Prooc. Ac. Nat. Scienc. Phil. 1890 p. 236.

Hab. in Stereonemate ciliato « Canadà Amer. bor. » (Tab. LII, fig. 4. — Ex specim. orig. a claro Ellis benevole communic.).

Perithecia sparsa, $\frac{1}{3}\text{-}\frac{1}{2}$ mm. d.; asci 100-110 \times 14-18; sporidia 24-26 \times 8-10. Quam *L. Galiorum major*. Ceterum ei valde affinis.

Leptosphaeria Kunzeana Berl. nova sp. *Lept. typharum* Kunze Fungi sel. Exsicc. n. 256 (non Desm.) Peritheciis sparsis, tectis $\frac{1}{5}\text{-}\frac{1}{6}$ mm. d.; ascis 80-90 \times 20-25; sporidiis triseptatis, 25-28 \times 10-12.

*Hab. in calamis Typhae latifoliae in « Germania » (Tab. LII, fig. 5. — Ex specim. *L. typhae* in Kunze l. c.).*

Leptosphaeria Thypharum (Desm.) Karst. Myc. Fenn. II, p. 100 Sacc. Fungi it. t. 485. Syll. Pyr. II, p. 64. Winter Pilze II, p. 450. *Sphaeria scirpicola* var. *Typh.* Desm. Crypt. Franc. ed. II, 1428. *Sphaeria Typh.* Rab. Herb. myc. ed. II, n. 731. *Pleospora Typh.* Fuck. Symb. p. 137. *Leptosph. culmorum* Auersw. Gen. Doubl. Verz. des Leipz. Tausch-Ver. 1866, p. 4. Winter l. c.

pag. 445. *Lept. microscopica* Karst. Fungi Spet. p. 102. Sacc. Syll. loc. cit. pag. 59.

Hab. in culmis, vaginis foliisque aridis Typharum, Alopecuri Poae, Tri-seti, Agrostidis, Bromi, etc. in « Spitzbergia, Fennia, Germania, Italia, Gallia, Lusitania, Helvetia » (Tab. LIII, fig. 1. — Ex specim. *Lept. culmorum* Winterianis, in *Aira caespitosa*, cum iis originalibus *L. Typharum* et *L. microscopicae* minute comparatis).

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{6}$ mm. d.; asci 65-75 \times 12-16; sporidia 23-26 \times 6-7.

Leptosphaeria vagans Karst. Fungi Spetsb. p. 104, Rev. Mon. Asc. Fenn. p. 58. Sacc. Syll. Pyr. II, p. 59.

Hab. in foliis Dupontiae Fischeri in « Spetsbergia. » (Tab. LIII, fig. 2. — Ex specim. orig. a claro Karst. benevole communic.). Forma *Scirpi* (ex specim. orig.) sporidiis hyalinis gaudet quare ad *Metasphaerium* transiit.

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 115-125 \times 20-24; sporidia 30-32 \times 9-11. Valde affinis *L. juncisedae*, cuius est aptius ut var. habenda.

Leptosphaeria junciseda Karst. Fungi Spetsb. pag. 101. Sacc. Syll. Pyr. II, pag. 67.

Hab. in Junco biglumi emortuo ad « Lammebay Spetsbergiae ». (Tab. LIII, fig. 3. — Ex specim. orig. a claro Karst. benevole communic.).

Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 90-110 \times 22-26; sporidia 31-33 \times 9-11.

Leptosphaeria heterospora (De Not.) Niessl Beitr. 23. Sacc. Syll. Pyr. II, p. 67. *Sphaeria heterospora* De Not. Sfer. ital. n. 65. *Byssothecium heterosporum* Niessl in Myc. Univ. n. 1361.

Hab. in rhizomatibus nondum emortuis Iridis germanicae, Ir. pumilae, et Ir. arenariae in « Italia, Austria et Gallia ». (Tab. LIII, fig. 4. — Ex specim. Niessleanis in Rab. Fungi Eur. n. 1361 cum iis originalibus comparatis).

Perithecia sparsa vel subgregaria, $\frac{1}{3}$ mm. d.; asci 110-120 \times 20-25; sporidia 35-38 \times 11-13.

Leptosphaeria agminalis Sacc. et Morth. Mich. I 498. Fungi it. tab. 634. Sacc. Syll. Pyr. II, p. 23. *Lept. rimalis* Niessl in Kunze F. Sel. n. 337. Winter Pilze II, p. 468.

Hab. in caule Clematidis Vitalbae in « Helvetia » prope « Neuchâtel, Zürich » (Tab. LIII, fig. 5. — Ex specim. orig. a claro Sacc. benevole communisatis).

Perithecia gregaria, $\frac{1}{3}$ - $\frac{1}{5}$ mm. d.; asci 130-140 \times 20-24; sporidia 35-40 \times 12-14.

Leptosphaeria Euphorbiae Niessl in Rabenh. F. E. n. 1841, et in Just Bot. Jahresb. 1874, p. 319. Sacc. Syll. Pyr. II, p. 24. Winter Pilze II, p. 463.

Hab. in caule Euphorbiae Cyparissiae in « Austria et Ital. bor. » (Tab. LIV, fig. 1. — Ex specim. in Linhart Fungi Hung. n. 463 a claro Niessl determinatis).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 85-95 \times 12-14; sporidia 27-30 \times 7-8.

Leptosphaeria juncicola Rehm Ascom. Diagn. n. 533. Sacc. Syll. Pyr. II, p. 66. Winter Pilze II, p. 449.

Hab. ad culmos sicclos Junci Hostii in «alpibus Tyrolensibus». (Tab. LIV, fig. 2. — Ex specim. orig. in Rehm l. c.).

Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{7}$ mm. d.; asci 65-70 \times 12-14; sporidia 33-35 \times 3 $\frac{1}{2}$ -4. An demum quinqueseptata?

Leptosphaeria Aparines (Fuck.) Sacc. Syll. Pyr. II, p. 21. Winter Pilze II, p. 466. *Pleospora Aparines* Fuck Symb. p. 136.

Hab. in caulis siccis Galii Aparines in «Germania et Britannia». (Tab. LIV, fig. 3. — Ex specim. Plowrightianis in Cooke Fungi Brit. Exsicc. Ed. II, n. 690).

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 60-70 \times 7-8; sporidia 27-30 \times 3-4. Verisimiliter huc spectat *Sphaeria (Metasphaeria) Galiorum* R. et D.

Leptosphaeria rubicunda Rehm Ascom. n. 92. Winter Diagn. p. 10 et Pilze II, p. 467. Sacc. Fungi it. tab. 292, Syll. Pyr. II, p. 25.

Hab. in caulis Umbelliferarum emortuis et in ramis Sambuci nigrae in «Hungaria et Ital. bor.» (Tab. LIV, fig. 4. — Ex spec. orig. in Rehm l. c.). Media inter *L. fusisporam* et *L. Aparines*.

Perithecia gregaria, $\frac{1}{7}$ - $\frac{1}{5}$ mm. d.; asci 50-65 \times 6-8; sporidia 25-30 \times 2, $\frac{1}{2}$ -3, $\frac{1}{2}$.

Leptosphaeria Weberi Oudem. Contr. à la Flore myc. de Nowaja Semlja p. 11, t. I fig. 7. Berl. et Vogl. Add. Syll. pag. 135.

Hab. in Ranunculo nivali var. sulphureo, in «Nowaja Semlia» (Tab. LIV, fig. 5. — Ex Oudem. l. c.).

Perithecia sparsa, $\frac{1}{10}$ - $\frac{1}{7}$ mm. d.; asci 60-70 \times 14-16; sporidia 25-37 \times 5-7.

Leptosphaeria orthogramma (B. et C.) Sacc. Syll. Pyr. II, p. 60 *Sphaeria orthogramma* B. et C. North Amer. Fungi n. 922. Grevill. n. 34 tab. 80 fig. 11.

Hab. in culmis Erianthi alopecuroidis et Zeae in «Pennsylvania» et «Carolina, Austr. Amer. bor.» (Tab. LIV, fig. 6. — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 75-85 \times 10-13; sporidia 30-33 \times 5-6. (non 50-60 \times 10 ut in B. et C. II. cc.) rarissime quinqueseptata.

Leptosphaeria pratensis Sacc. et Br. in Rev. Myc. 1885. Berl. et Vogl. Add. Syll. pag. 134.

Hab. in caulis exsiccatis Medicaginis sativae «Troyes Galliae» Tab. LV, fig. 1. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia subsparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 80-100 \times 10-12; sporidia 28-30 \times 4-5.

Leptosphaeria Elliana Berl. sp. n. *L. subconica* Ellis North Amer. Fungi n. 697 non C. et P.

Hab. in caulis emortuis Oenotherae biennis « New Field Amer. bor. »
(Tab. LV, fig. 2).

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 110-120 \times 10-12; sporidia 32-35 \times 5-6, A *Lept. argentina* Speg. magnitudine sporidiorum in primis distinguenda.

Leptosphaeria arundinacea (Sow.) Sacc. Fungi Ven. Ser. II, p. 320, F. it. t. 276. Syll. Pyr. II, p. 62. Winter Pilze II, p. 448. *Sphaeria arundinacea* Sowerby. Engl. Fungi tab. 336. *Sphaeria Godini* Desm. in Ann. sc. nat. III, Ser. tom. V. p. 49. ? *Sphaeria striaeformis* a *Arundinis* Alb. et Schw. Conspect. p. 15. *Leptosphaeria Godini* Auersw. Tausch.-Verein 1866, p. 4. *Pleospora arundinacea* Fuck Symb. p. 137. *Melogramma arundinacea* Niessl in Rab. Fungi Eur. N. 1840.

Hab. in culmis emortuis Phragmitis communis in « Suecia, Gallia, Germania, Britannia, Belgio, Italia, Amer. bor., Borneo, Kamtschatka » (**Tab. LV, fig. 3.** — Ex specim. Plowrightian. in Thuemen Myc. Un. N. 1256).

Perithecia crustâ stromaticâ, sat manifestâ, nigricante, tecta, seriata; asci 80-90 \times 10-12; sporidia 33-36 \times 5-6. Vix *Leptosphaeria*.

Leptosphaeria Bryzae Pass. Diagn. Funghi N. II, 1887 p. 10.

Hab. in Bryza media in monte « Prinzera Prov. di Parma Ital. bor. » (**Tab. LV, fig. 4.** — Ex specim. orig. a claro Pass. benevole communic.).

Perithecia sparsa, $\frac{1}{6}$ mm. diam.; asci 55-60 \times 18-20; sporidia 35-38 \times 5 $\frac{1}{2}$ -6.

Leptosphaeria caricinella Karst. Fungi Spetsb. p. 100. Sacc. Syll. Pyr. II, pag. 65.

Hab. in foliis Caricis pullae exsiccatis ad « Nordfjorden, Spetsbergiae ». (**Tab. LVI, fig. 1.** — Ex specim. orig. a claro Karst. benevole communic.).

Perithecia sparsa, $\frac{1}{7}$ - $\frac{1}{5}$ mm. d.; asci 70-90 \times 16-20; sporidia 35-38 \times 6-7.

Leptosphaeria Resedae Pass. Diagnosi Funghi Nuovi III, n. 18. Sacc. Suppl. I, Syll. p. 766.

Hab. in caulis fracidis Resedae luteae in agro parmensi « Italiae bor. » (**Tab. LVI, fig. 2.** — Ex specim. orig. a cl. Passerini benevole comm.).

Perithecia subgregaria, $\frac{1}{4}$ mm. d.; asci 105-115 \times 12-16; sporidia 38-42 \times 5-7.

Leptosphaeria maculans (Desm.) Rab. F. Eur. n. 2050 (neque Sowerby Fuck. et Sacc.) *Sphaeria maculans* Desm. Ann. Sc. Nat. III, p. 77. *Lept. conferta* Niessl. in herb. (absque diagnosi) Sacc. Syll. Pyr. II, p. 20. *Lept. Eryngii* H. Fab. Spher. Vaucl. p. 49, fig. 19. Sacc. Syll. Pyr. II Add. LVI. Rehm Asc. n. 986.

Hab. in caulis Farsetiae incanae, Alyssii calyciformis, Eryngii campestris et Sysimbrii Sophiae in « Gallia et Germania » (**Tab. LVI, fig. 3.** — Ex specim. origin. *L. macul.* cum originalibus *L. confertae* et *L. Eryngii* minutim comparatis).

Perithecia conferta sed aliquando etiam hinc inde sparsa, $\frac{1}{3}$ mm. d.; asci 110-120 \times 12-16; sporidia 50-55 \times 5-7.

Leptosphaeria gigaspora Niessl in Hedw. 1873 p. 42 et in herb. (sine diagn.) Sacc. Syll. Pyr. II, p. 65. Winter Pilze II, p. 450.

Hab. in foliis Caricis paludosae emortuis « Brünn, Moraviae » (**Tab. LVII, fig. 1.** — Ex specim. orig. a claro Niessl benevole communic.).

Perithecia subsparsa, $\frac{1}{7}\text{-}\frac{1}{5}$ mm. d.; asci 140-150 \times 25-28; sporidia 55-60 \times 10-12, diu hyalina.

Leptosphaeria eustomella Sacc. Mich. II, p. 251. Syll. Pyr. II, p. 61.

Hab. in culmis Festucarum majorum in « M. Grappa, Bassano Ital. bor. » (**Tab. LVII, fig. 2.** — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia gregaria, $\frac{1}{5}$ mm. d.; asci 70-80 \times 8-10; sporidia 16-19 \times 3 $\frac{1}{2}$ -4 $\frac{1}{2}$.

Leptosphaeria Diana Sacc. et Spieg. Mich. I, p. 398. Sacc. F. it. t. 322. Syll. Pyr. II, p. 51.

Hab. in foliis Aceris Negundinis « Vittorio » *et in foliis vivis Citri Aurantii prope* « Genova Ital. bor. » (**Tab. LVII, fig. 3.** — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{10}\text{-}\frac{1}{9}$ mm. d.; asci 45-50 \times 12-14; sporidia 20-22 \times 4-6.

Leptosphaeria sapeyensis Sacc. Syll. Pyr. II, p. 38. *L. salebrosa* Sacc. Mich. II, p. 599 (nec Preuss).

Hab. in caule Gentianae luteae emortuo « Le Sapey Isère Galliae » (**Tab. LVII, fig. 4.** — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia laxe gregaria, $\frac{1}{5}\text{-}\frac{1}{6}$ mm. d.; asci 65-75 \times 8-10; sporidia 4-septata (an demum 5-septata?) 20-25 \times 4.

Leptosphaeria Niessleana Rab. Fung. eur. 1252. Niessl Beitr. t. III fig. 22. Winter Pilze II, p. 29, Sacc. Syll. Pyr. II, p. 19. *Lept. lathyrina* Sacc. Mycol. Ven. p. 105, t. X fig. 25 27.

Hab. in caulibus emortuis Lathyri latifolii in « Moravia, Germania et Ital. bor. » (**Tab. LVII, fig. 5.** — Ex specim. orig. in Rehm Ascom. n. 487).

Perithecia sparsa, $\frac{1}{7}$ mm. d.; asci 80-90 \times 8-9; sporidia 26-28 \times 4.

Leptosphaeria oreophila Sacc. Mich. I, p. 120, F. it. tab. 514, Syll. Pyr. II, p. 68. *Leptosphaeria oreophiloides* Sacc. et Penz. Mich. II, p. 599, Syll. I. c. p. 20.

Hab. in caule emortuo Laserpitii angustifolii et Tofieldiae canaliculatae « Vis, (Isère) Galliae » *et in* « Rax-Alpe » *prope* « Sömmerring Austriae » (**Tab. LVII, fig. 6.** — Ex specim. orig. *L. oreophiloides* a cl. Sacc. benevole comm., et cum iis orig. *L. oreophilae* minute comp.).

Perithecia sparsa vel gregaria, $\frac{1}{4}$ mm. d.; asci 85-95 \times 10-12; asci 29-32 \times 4-5 (haud raro 32-35). In *L. oreophila* perithecia apice penicillum setatum instructa inveni. Est aptius var. **minor** *L. spectabilis*.

Leptosphaeria spectabilis Niessl Beitr. p. 29. t. IV, fig. 27. Sacc. F. it.

t. 285, Syll. Pyr. II, p. 40. *Lept. Penicillus* Sacc. F. Ven. Ser. II, p. 316. ? *L. aucta* Niessl in Hedw. Rehm asc. n. 488. Sacc. Syll. Pyr. II, p. 47. *Lept. dubia* Sacc. et Paol. in Sacc. Myc. Sibir. p. 14, fig. 13 et Suppl. I, Syll. p. 772. *Sphaeria Longchampi* West. in March. Crypt. Belg. *Lept. Longch.* Sacc. Suppl. I Syll. p. 762 et Rev. Myc. 1885, *L. Orchidearum* Karst. in Herb.

Hab. in caulis emortuis Clematidis, Peucedani, Laserpitii, Libanotis, Valerianae etc. in « Germania, Italia, Sybiria et Fennia ».

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; apice exquisite penicillato; asci 75-85 \times 10-12; sporidia 28-32 \times 4-5, subinde utrinque hyalino appendiculata.

Leptosphaeria purpurea Rehm Asc. Lojk. n. 69, p. 54. Sacc. Suppl. I, Syll. p. 770.

Hab. ad caules sicclos Artemisiae vulgaris in horto « Eszterházyano, Kaposvar Hungariae » (Tab. LVIII, fig. 1. — Ex specim. orig. a cl. Rehm benevoli comm.).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 70-80 \times 8-10; sporidia 20-22 \times 3-4.

Leptosphaeria corynospora Berl. et Bres. Micromyc. Trid. p. 25. tab. IV, fig. 3. Sacc. Add. Syll. I p. 775.

Hab. in Cirsio Lanceolato prope « Trento Ital. bor. » (Tab. LVIII, fig. 2. — Ex specim. orig.).

Perithecia gregaria, $\frac{1}{3}$ et amplius mm. d.; asci 110-120 \times 10-12; sporidia 24-26 \times 6. Loculis extimis pallidioribus sed non hyalinis.

Leptosphaeria pulchra (Winter) Sacc. Syll. Pyr. II, p. 53. Winter Pilze II, p. 488. *Sphaerella pulchra* Winter in Hedw. 1872 p. 146.

Hab. in caule foliisque Potentillae caulescentis in « Tyrolia et Belluno Ital. bor. » (Tab. LVIII, fig. 3. — Ex specim. orig. in Herb. Musaei (Berolinensis).

Perithecia gregaria, 70-80 μ . diam.; asci 40-50 \times 18-22; sporidia 18-22 \times 6-7.

Leptosphaeria umbrosa Niessl in Herb. Rabenh. Fungi Eur. n. 1934. Rehm Ascom. n. 690. *Massaria umbrosa* Rehm in Litt. Berl. et Vogl. Add. Syll. p. 132. Winter Pilze II, p. 485. *L. scotophila* Sacc. Fungi Ven. Ser. II, n. 317. Fungi it. t. 281 Syll. Pyr. II, p. 28.

Hab. in caulis Gentianae, Spireae, Lysimachiae, Cynanchi etc. in « Germania et Italia » (Tab. LVIII, fig. 4. — Ex specim. orig. in *Gentiana*).

Perithecia $\frac{1}{8}$ - $\frac{1}{6}$ mm. d.; asci 65-75 \times 12-16; sporidia 30-34 \times 5-7. In *L. scotophila* sporidia 4-septata semper inveni.

Species haec aptius sub *Metaphaecaria* inquirenda, nam sporidia tantum senectute et extra ascos fuscescunt.

Leptosphaeria salebricola Bomm. Rouss. in Sacc. Suppl. I, Syll. p. 783.

Hab. in foliis Stellariae « Comblain Belgii » (Tab. LIX, fig. 1. — Ex specim. orig. in Herb. Sacc.).

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{6}$ mm. d.; asci 80-90 \times 15-18; sporidia 30-35 \times 6-7.

Leptosphaeria cylindrospora Niessl et Auersw. in Herb. Sacc. Syll. Pyr. II, p. 37. Winter Pilze II, p. 476.

Hab. in caulis emortuis Epilobii angustifolii « Brunn Moravia » (Ex specim. orig. in Herb. Sacc. — Tab. LIX, fig. 2).

Perithecia gregaria, $\frac{1}{3}$ - $\frac{1}{4}$ mm. d.; asci tetraspori (non octospori ut in Syll. et in Pilze II. cc.) 95-105 \times 10-12; sporidia 40-46 \times 5-7. Affinis *L. spectabilis* sed ostiolis non setosis ascisque tetrasporis in primis recedit. Specimina Linhartiana (fung. Hung. n. 269) saltem illa a me visa prorsus aliena.

Leptosphaeria Rusci (Wall.) Sacc. Syll. Pyr. II, p. 64. Winter Pilze II, p. 456. *Sphaeria Rusci* Wall. Flora Crypt. II, p. 776. *Cryptosphaeria glauco-punctata* Grev. Flora Edimb. p. 362. *Sphaeria atrovirens* Var. *Rusci* Fries. Elench. II, p. 103. *Sphaerella Rusci* Ces. et De Not. Schema p. 63. *Depazea Chatiniana* Crié Dep. p. 42. *Lept. biseptata* Auersw. *Lept. trimera* Sacc. F. Ven. Ser. II, p. 319.

Hab. in cladodiis caulisque Ruscorum in « Italia, Britannia, Germania, Gallia, Belgio, Austria et Lusitania » (Tab. LIX, fig. 3. — Ex specim. Gallico quodam in Herb. Sacc.).

Perithecia subgregaria vel sparsa, $\frac{1}{7}$ - $\frac{1}{5}$ mm. d.; asci 70-80 \times 8-10; sporidia 17-20 \times 4-5.

Leptosphaeria obtusispora Speg. Fungi Arg. Pug. IV n. 167. Sacc. Syll. Pyr. II, p. 67. Berl. et Sacc. F. in Rev. Myc. 1888 *Leptosphaeria trans lucens* Winter Contr. Fl. Myc. Lus. V. p. 15. Sacc. Suppl. I Syll. p. 786.

Hab. in foliis exsiccatis Juccae gloriosae et Fourcroyae in « Argentina Amer., Austr. et Coimbra Lusitaniae » (Tab. LXVII, fig. 4. — Ex specim. Lusitanicis).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 90-100 \times 8-10; sporidia 18-22 \times 5. Vix Var. *L. Rusci*.

Leptosphaeria epicalamia (Riess) Ces. et De-Not. Schema Sfer. p. 236. Sacc. Syll. Pyr. II, p. 62. Winter Pilze II, p. 455. *Sphaeria epical.* Riess in Klotzsch-Rab. Herb. myc. n. 1828 et in Hedw. 1854 n. 6 tab. IV, fig. 6.

Hab. in calamis Luzulae albidae et L. maxima in « Germania, Austria, et Helvetia » (Tab. LIX, fig. 4. — Ex specim. in Rab. Wint. n. 2760).

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. diam.; asci 65-75 \times 10-12; sporidia 18-20 \times 4-5. A *Leptosphaeria culmicola*, a qua sec. clar. Winter vix differret, sporidiis minoribus, mihi videtur distinguenda.

Leptosphaeria tenera (Ellis) Sacc. Syll. Pyr. II, p. 39. *Sphaeria tenera* Ellis Bull. Torr. Bot. Club. VIII, II, 81, p. 124.

Hab. in caulis herbaceis emortuis « Newfield Amer. bor. » (Tab. LIX, fig. 5. — Ex specim. orig. a claro Ellis benevole communic.).

Perithecia sparsa vel vix gregaria, epidermide nigrescente tecta, $\frac{1}{3}$ mm.

d.; asci 75-85 = 7-9; sporidia 16-21 = 3 $\frac{1}{2}$ -4. A *L. nigricante* vix differt sporidiis paulo minoribus, aptius ut Var. habenda.

Leptosphaeria Fuckelii Niessl in Voss, Zwei Neue Ascom. p. 1. Sacc. Syll. Pyr. II, p. 71. Winter Pilze II, p. 453.

Hab. in culmis Calamagrostidis et Phalaridis in « Germania, Carniola et Helvetia » (**Tab. LX, fig. 1.**) — Ex specim. orig. a claro Niessl benevole communic.).

Perithecia sparsa vel vix 2-3 gregaria, $\frac{1}{5}\text{-}\frac{1}{4}$ mm. d.; asci 75-90 = 8-10; sporidia 22-25 = 3 $\frac{1}{2}$ -4 $\frac{1}{2}$.

Ob sporidia cylindracea, parte superiori triseptata, inferiori uniseptata, mox dignoscenda.

Leptosphaeria nigricans Karst. Myc. Fenn. II, p. 107. Sacc. Syll. Pyr. II, pag. 38.

Hab. ad caules aridos Chenopodii albi « Mustiala Fenniae » (**Tab. LX, fig. 2.**) — Ex specim. orig. a claro Karst. benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; epidermide nigrescente tecta; asci 80-90 = 8-10; sporidia 22-24 = 4-5.

Leptosphaeria Medicaginum Sacc. Mich. II, p. 534. Syll. Pyr. II, p. 35. *L. Medicaginis* Sacc. Myc. Ven. p. 105, tab. X, fig. 35-36. Fungi it. t. 492 (nec Fuck).

Hab. in caulis Medicaginis sativae pr. « Treviso Ital. bor. » (**Tab. XL, fig. 3.**) — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{8}\text{-}\frac{1}{7}$ mm. d.; asci 55-65 = 8-10; sporidia 23-25 = 4.

Leptosphaeria inulta Sacc. et Malb. Mich. II, p. 598. Syll. Pyr. II, p. 21.

Hab. in caule Chenopodii albi emortuo in « Gallia » (**Tab. LX, fig. 4.**) — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{6}$ mm. d.; asci 65-70 = 9-11; sporidia 27-30 = 6, quinqueseptata.

Leptosphaeria recessa Pass. Diagn. fung. nuovi. IV, p. 6.

Hab. in cavitate gémmarum culmi Arundinis Donacis prope « Parma Ital. bor. » (**Tab. LX, fig. 5.**) — Ex specim. orig. a claro Pass. benevole communic.).

Perithecia gregaria, $\frac{1}{4}\text{-}\frac{1}{3}$ mm. d.; asci 60-70 = 8-10; sporidia 24-27 = 4-5. Differt a *L. rhodophaea* sporidiis minoribus, colore diverso.

Leptosphaeria fallax Berl. Fungi Mor. fasc. IV, n. 6. Sacc. Suppl. Syll. p. 780.

Hab. in ramulis Mori « Fiumicello Ital. bor. » (**Tab. LXI, fig. 1.**).

Perithecia sparsa, $\frac{1}{8}\text{-}\frac{1}{7}$ mm. d.; asci 60-70 = 12; sporidia 28 = 4-5.

Leptosphaeria maritima (C. et Plowr.) Sacc. Syll. Pyr. II, p. 63. *Sphaeria maritima* C. et Plowr. in Grev. V, p. 120.

Hab. in calamis Junci maritimi, « North Wootton Britanniae » (**Tab. LXI, fig. 2.**) — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia sparsa, $\frac{1}{5}\text{-}\frac{1}{4}$ mm. d.; asci 70-80 = 9-12; sporidia 24-26 = 5-6. Species haec est potius forma *L. culmicola*.

Leptosphaeria carpogena Sacc. Fungi Ven. Ser. II, p. 313. Fungi it. p. 269. Syll. Pyr. II, p. 56.

*Hab. in capsulis Veronicae urticifoliae et in leguminibus Galegae officinalis prope « Treviso Ital. bor. » (Tab. LXI, fig. 3. — Ex specim. orig. (*in Veronica*) a claro Sacc. benevole communic.).*

Perithecia sparsa, $\frac{1}{9}$ - $\frac{1}{8}$ mm. d.; asci 50-60 \approx 8-10; sporidia 20-23 \approx $3\frac{1}{2}$ $4\frac{1}{2}$.

Leptosphaeria culmicola (Fries) Auersw. in Tausch-Verain 1866 p. 4. Sacc. Syll. Pyr. II, p. 70. Winter Pilze II, p. 453. *Sphaeria culmicola* Fries Syst. Myc. II, p. 430. *L. nigrans* (Desm.) Ces. et De Not. Sch. p. 61. Sacc. l. c. p. 70.

Hab. in culmis Graminum minorum in « Italia, Germania, Suecia, Gallia et Fennia » (Tab. LXI, fig. 4. — Ex specim. Saccard. in Tritico).

Perithecia sparsa vel aggregata, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 75-85 \approx 9-12; sporidia 24-27 \approx 5-6. Species ab auctoribus nonnullis cum *L. culmifraga* cumfusa. Forma *minor* Sacc. Fungi Ven. Ser. II, p. 322. Fungi it. t. 486. Syll. Pyr. II, p. 70 a typo non differt. Forma *major* Sacc. ibid. fungi it. t. 487. Syll. l. c. est *L. culmiphraga*. - Var. *aquatica* Sacc. Mich. II, p. 319 Syll. l. c. p. 71, sporidiis subhyalinis est potius *Metasphaeria*. - Var. *rhizomatum* Sacc. l. c. a typo non differt.

Leptosphaeria culmicola Var. **Rousseliana** (Desm.) Ces. et De-Not. Schema p. 236. Sacc. Syll. Pyr. II, p. 71. Winter Pilze II, p. 454. *Sphaeria Rouss.* Desm. XVI Not. 1849 p. 29.

Hab. in vaginis Phlei boehmeri in « Gallia et Germania » (specim. orig. in Desm. Pl. Crypt. Franc. n. 2082 cum iis Rab. F. E. n. 1345 et Herbarii De-Not. comparatum).

Perithecia $\frac{1}{4}$ mm. d.; approximata; asci 70-80 \approx 8-10; sporidia 18-20 \approx $3\frac{1}{2}$ - $4\frac{1}{2}$, quinqueseptata, olivascentia. Sec. Cl. Winter species facile dignoscitur sporidiorum fabrica, sed ego semper inveni sporidia iis *L. culmicola* similia sed paulo minora, cellula tertia ab apice protuberante.

Leptosphaeria licatensis Sacc. Syll. Pyr. II, p. 70. *L. typhicola* Pass. et Beltr. Fungi Sic. Novi, n. 11. (Nec Karst.).

Hab. in foliis aridis Typhae latifoliae « Licata Siciliae » (Tab. LXI, fig. 5. — Ex specim. orig. a claro Pass. benevole communic.).

Perithecia sparsa vel laxe gregaria, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 70-80 \approx 10-12; sporidia 20-23 \approx $4\frac{1}{2}$.

Leptosphaeria Nardi (Tr.) Ces. et De Not. Schema p. 62 Sacc. Syll. Pyr. II, p. 72. Winter Pilze II, p. 454. *Sphaeria Nardi* Fries Syst. Myc. II, p. 520 Hedw. I, t. 15, fig. 7. *Pleospora Nardi* Fuck. Symb. myc. pag. 137 t. VI, fig. 28.

Hab. in culmis foliisque Nardi strictae in « Suecia, Britannia, Belgio et

Gallia » (**Tab. LXII, fig. 1.**) — Ex specim. in Cooke Fungi Brit. Exsicc. Ed. II, n. 571 cum iis Fuckelianis (Fungi Rhen. n. 855) minutim. comparatis).

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{7}$ mm. d.; asci 70-80 \approx 10-12; sporidia 23-25 \approx 4-5.

Leptosphaeria praecleara Karst. in Hedw. 1884 n. I, p. 2 Rev. Asc. Fenn. p. 54. Berl. et Vogl. Add. Syll. p. 144.

Hab. in caulis emortuis Asparagi officinalis ad « Mustiala Fenniae » (**Tab. LXII, fig. 2.**) — Ex specim. orig. a claro Karst. benevole communic.).

Perithecia sparsa vel subgregaria, $\frac{1}{5}$ mm. d.; asci 60-80 \approx 16-20; sporidia 23-25 \approx 8-9.

Leptosphaeria praecleara forma **typhiseda** Sacc. et Berl. in Rev. Myc. 1886 p. 33. Berl. et Vogl. Add. Syll. p. 143 (ut species).

Hab. in foliis emortuis culmisque Typhae angustifoliae « Algeria » (**Tab. LXII, fig. 3.**) — Ex specim. orig.).

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{6}$ mm. d.; asci 65-75 \approx 15-20; sporidia 23-27 \approx 6-7. primo hyalina dein mellea.

Leptosphaeria Corae Pat. Journ. Bot. 1888 p. 150, fig. 5. Sacc. Suppl. I, Syll. p. 797.

Hab. in thallo Corae in « Gallia » (**Tab. LXII, fig. 4.**) — Ex specim. orig. a claro Patouillard benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 70-80 \approx 20-24; sporidia 20-23 \approx 6-7, saepe tenuiter longitudinaliter septata. Aptius *Pleospora*.

Leptosphaeria sicula Sacc. et Beltr. Mich. I, p. 397. Fungi it. p. 325. Syll. Pyr. II, p. 36.

Hab. in trunco emortuo Opuntiae Fici-indicae prope « Licata Siciliae » (**Tab. LXII, fig. 5.**) — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ et usque fere $\frac{1}{2}$ mm. d.; asci 90-100 \approx 10-14; sporidia 22-25 \approx 5-6, primo 3-septata, dein 4-5 et etiam 6-septata. An demum 7-septata?

Leptosphaeria Artemisiae (Fuck.) Auersw. in Hedw. 1878 p. 46, non Sacc. Syll. Pyr. II, p. 33. Winter Pilze II, p. 476. *Sphaeria Artemisiae* Fuck. Fungi Rhen. n. 896. *Pleospora helminthospora* Fuck. Symb. Myc. p. 138.

Hab. in caulis Artemisiae campestris in « Germania » (**Tab. LXIII, fig. 1.**) — Ex specim. orig. in Fuck. fung. Rhen. I. c. a cl. Briosi benev. comm.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 80-90 \approx 12-14; sporidia 28-32 \approx 6-7.

Leptosphaeria Artemisiae Sacc. Syll. I. c. eadem est ac *L. helminthospora* Ces. (Cfr. etiam Winter I. c.).

Leptosphaeria striolata Pass. Diagn. fung. nuovi IV, p. 5. Sacc. Add. Syll. p. 788. *Leptosph. pleurospora* Niessl. in Rehm Ascom. n. 937. Sacc. I. c. p. 795.

Hab. in culmis siccis Scirpi Holoschoeni « Vigheffio » prope « Parma Ital. bor. » et prope « Lofer Salisburgi ». (**Tab. LXIII, fig. 2.**) — Ex specim.

orig. a claro Pass. benevole communic. et cum orig. *L. pleurosporae* in Rehm l. c. minutim comparatis.

Perithecia sparsa, $\frac{1}{10}$ mm. d.; asci 40-65 \times 18-22; sporidia 30-32 \times 7-8.

Pulchra species sporidiis atro-fuligineis, longitudinaliter striolatis mox dignoscenda.

Leptosphaeria comatella (E. et E.) Sacc. Syll. Pyr. II, p. 32 et p. 40. *Sphaeria comatella* E. et Ev. Grev. V, p. 52, tab. 80, fig. 9 et VI fig. 95.

Hab. in caulis Baptisiae, Dauci, Solani et Asparagi « New Jersey Amer. bor. » (Tab. LXIII, fig. 3. — Ex specim. orig. in *Asparago* in Ellis North Amer. Fungi, sub n. 190 editis).

Perithecia gregaria vel sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 60-70 \times 10-13; sporidia 22-24 \times 4-6. Dimensiones a claro Cooke datae a nostris valde diversae. Setulis brevissimis et parcis non videtur *Pocosphaeria*.

Leptosphaeria Spireae Karst. Fragm. Myc. Fenn. XXIV, p. 3. Sacc. Suppl. I Syll. p. 778.

Hab. ad ramulos deciduos aridos Spireae sorbifoliae in horto mustialensi in « Fennia ». (Tab. LXIII, fig. 4. — Ex specim. orig. a cl. Karsten benevole comm.).

Perithecia $\frac{1}{3}$ mm. diam., subinde 2-4 connata; asci 100-120 \times 12-16; sporidia disticha vel monosticha 22-25 \times 6-7,5.

Aptius ut var. *L. clivensis* habenda. Sporidia raro sunt 5-septata, et loculis extimis aegre pallidioribus.

Leptosphaeria albopunctata (West.) Sacc. Syll. Pyr. II p. 72. *Sphaeria albopunctata* West. in Kickx Fl. crypt. Fl. I p. 355.

Hab. in vaginis Phragmitis communis in « Belgio ». (Tab. LXIV, fig. 1. — Ex specim. orig. a claro Ellis benevole communic.). Specimina americana secundum cl. Ellis cum illis a cl. Oudemans ipso missis bene congruunt. Species pulchra mox dignoscenda.

Perithecia seriata $\frac{1}{4}$ - $\frac{1}{3}$ mm. diam.; asci 140-150 \times 10-12; sporidia 20-23 \times 7-8.

Leptosphaeria Phyteumatis (Fuck.) Sacc. Syll. Pyr. II p. 37. Winter Pilze II p. 481. *Pleospora Phyteumatis* Fuck. Symb. myc. App. II p. 25. *Leptosphaeria psilospora* Auersw. in Hedw. 1868 p. 184?

Hab. in caulis emortuis Phyteumatis spicati et Phyteumatis Scheuchzeri in « Helvetia et Tyrolia ». (Tab. LXIV, fig. 2. — Ex specim. orig. in Rab. - Winter Fungi Eur. n. 2764).

Perithecia sparsa, $\frac{1}{5}$ mm. d.; asci 100-110 \times 10-12; sporidia 32-38 \times 4-5.

Leptosphaeria norfolkiae (Cooke) Sacc. Syll. Pyr. II p. 73. *Sphaeria norfolkiae* Cooke Grev. V p. 120. *Leptosphaeria riparia* Sacc. Mich. I p. 39. Fungi it. t. 481.

Hab. in calamis Junci effusi prope « Treviso Ital. bor. et Junci et Heleo-

charidis « North Wootton Britanniae ». (**Tab. LXIV, fig. 3.** — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia sparsa vel gregaria, $\frac{1}{5}\text{-}\frac{1}{6}$ mm. d.; asci 75-85 \times 10-12; sporidia 24-26 \times 4-5. Dimensions Cookeanas valde excedentes invenimus. Etiam sporulas *Hendersoniae norfolkiae* in eadem matrice viventis minores notavimus.

Leptosphaeria Yulan Sacc. Fungi Ven. Ser. II, p. 312 Fungi it. t. 260. Syll. Pyr. II p. 55. Berl. Fungi Mor. fasc. IV n. 4 fig. 1-5.

Hab. in foliis languidis Magnoliae Yulan et Mori albae in « Ital. bor. ».

(**Tab. LXIV, fig. 4.** — Ex specim. in *Moro*).

Perithecia sparsa, $\frac{1}{12}\text{-}\frac{1}{10}$ mm. d.; asci 70-75 \times 10-12; sporidia 20-22 \times 4-5.

Leptosphaeria Yulan Var. **Pomona** Sacc. Fungi Ven. Ser. V p. 175, Fungi it. t. 266. Syll. Pyr. II p. 55 (ut species).

Hab. in pag. super. foliorum Piri Mali « Selva Treviso Ital. bor. ».

Perithecia $\frac{1}{10}\text{-}\frac{1}{9}$ mm. d.; asci 60-70 \times 8-10; sporidia 20-23 \times 4-5.

Leptosphaeria citricola Penz. Mich. II, p. 416, Fungi it. t. 1149. Sacc. Syll. Pyr. II p. 55.

Hab. in foliis vivis Citrorum, in frigidariis R. Horti Patavini « Ital. bor. ».

(**Tab. LXV, fig. 1.** — Ex specim. orig. in herb. Sacc.).

Perithecia sparsa vel laxe gregaria; asci 70-75 \times 8-9; sporidia 20-22 \times 3 $\frac{1}{2}$ -4 $\frac{1}{2}$.

Leptosphaeria rhodophaea Bizz. Fung. Ven. novi vel crit. p. 2, t. II, fig. 3, a, b, c, d. Berl. et Vogl. Add. Syll. p. 143.

Hab. in culmis emortuis Arundinis Donacis in « Horto botanico patavino, Ital. bor. » (**Tab. LXV, fig. 2.** — Ex specim. orig. in herb. Sacc.).

Perithecia sparsa, $\frac{1}{3}$ et fere $\frac{1}{2}$ mm. d.; asci 85-95 \times 11-13; sporidia 23-30 \times 4-6. Affinis *L. culmicolae* sed major.

Leptosphaeria Nitschkei Rehm Asc. 15^{bis}, Diagn. p. 3. Sacc. Syll. Pyr. II, p. 26. Winter Pilze p. 464. Rehm Ascom. 532 b.

Hab. in caulibus emortuis Adenostyli prope « Ochsenhütte Austriae ».

(**Tab. LXV, fig. 3.** — Ex specim. orig. in Rehm I. c.).

Perithecia gregaria, $\frac{1}{2}$ mm. d.; asci 90-105 \times 8-10; sporidia 30-34 \times 4-6.

Leptosphaeria ogilviensis (B. et Br.) Ces. De-Not. Schema p. 61. Sacc. Fung. it. t. 490. Syll. Pyr. II p. 34. *Sphaeria ogilviensis* B. et Br. Ann. N. H. n. 642, t. 11, fig. 28. Winter Pilze II p. 476. Berl. sopra alc. Lept. p. 6.

Hab. in caulibus emortuis Senecionis, Picridis, Erigerontis, Bidentis, Asteris, rarius Epilobii, Cimicifugae in « Britannia, Germania, Helvetia, et Ital. bor. » (**Tab. LXV, fig. 4.** — Ex specim. Niessleano in *Leucanthemo vulgari*).

Perithecia sparsa, $\frac{1}{4}\text{-}\frac{1}{3}$ mm. d.; asci 80-100 \times 9-12; sporidia 36-40 \times 4-5.

Leptosphaeria Camilla Sacc. Fungi Ven. Ser. II p. 312. F. it. t. 260. Syll. Pyr. II p. 54.

Hab. in foliis languidis Scrophulariae aquatica « Selva Treviso Ital.

bor. (**Tab. LXVI, fig. 1.** — Ex specim. orig. a claro Saccardo benevole communicatis).

Perithecia pauca, $\frac{1}{12}$ - $\frac{1}{10}$ mm. d.; asci 60-70 \times 10-12; sporidia 28-30 \times 4-5.

Leptosphaeria Sowerbyi (Fuck.) Sacc. Syll. Pyr. II p. 78 (nomen). *Lept. maculans* Ces. et De-Not. in Comment. Soc. crittog. ital. I p. 235. Sacc. Syll. Pyr. II p. 35. Fungi it. t. 511. (Non *Sphaeria maculans* Desm.) *L. Alliariae* (Auersw.) Rehm Ascom. n. 686. Linhart Fungi hungar. n. 164. Sacc. Syll Pyr. II p. 35. Winter Pilze II p. 474.

Hab. in caulis Alliariae et Brassicae aliarumque Cruciferarum in « Germania, Italia etc. » (**Tab. LXVI, fig. 2.** — Ex specim. Winterianis in *Alliaria*).

Perithecia sparsa vel subgregaria, $\frac{1}{3}$ mm. d.; asci 110-120 \times 10-14; sporidia 40-45 \times 4-5. Si species haec etiam in culmis *Scirpi* inveniatur, mihi incertum: specimina originalia cl. Sowerbyi non vidi. An species culmicola ab hac aliena? Certe haec a *L. maculante* Desm. toto coelo diversa.

Leptosphaeria pachycarpa Sacc. et Marchal in Rev. Myc. 1885 Berl. et Vogl. Add. Syll. p. 792.

Hab. in culmis Graminum majorum in « Belgio » (**Tab. LXVI, fig. 3.** — Ex specim. orig. in March. crypt. de Belg. reliq. West.).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 130-140 \times 16-18; sporidia 38-41 \times 7-8. Loculis extimis pallidioribus non hyalinis aptius in *Leptosphaeria* relinqua quam in *Passeriniella* locanda.

Leptosphaeria Sanguisorbae Karst. in Herb.

Hab. in ramulis Sanguisorbae officinalis in « Lapponia Rossica ». Ex specim. orig. a claro Karst. benevole communic. (**Tab. LXVI, fig. 4.**)

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 65-75 \times 12-16; sporidia 32-35 \times 4-5.

Leptosphaeria Hanzslinskyana Berl. sp. n.

Hab. in culmis Graminaceae cuiusdam in « Germania ». (**Tab. LXVII, fig. 1.**)

Perithecia sparsa, $\frac{1}{3}$ mm. d., late ostiolata, coriacella; asci 105-115 \times 14-16; sporidia 38-42 \times 8-10. Vix *Leptosphaeria* et aptius inter *Lophiostomaceas* censenda sed ostiolum, saltem in speciminibus observatis, haud eximie lophiostomaceum appetet. A *Passeriniella* loculis extimis pallidioribus non hyalinis differt.

Leptosphaeria planiuscula (Fries) Ces. et De Not. Schema pag. 62. Sacc. Syll. Pyr. II p. 32. Winter Pilze II p. 474. *Sphaeria plan.* Fries in Hedw. I t. IV fig. 7.

Hab. in caulis Solidaginis virgaureae in « Germania » (**Tab. LXVII, fig. 2.** — Ex specim. Niessleanis prope Gratz lectis cum originalibus in Klotz Herb. Myc. n. 1829 minutim comp.).

Perithecia $\frac{1}{3}$ mm. d.; asci 105-120 \times 15-18; sporidia 46-50 \times 7-9.

Leptosphaeria virginica (C. et E.) Sacc. Syll. Pyr. II p. 35. *Sphaeria virginica* C. et E. Grevill. VIII p. 16.

Hab. in caule Lepidii virginici « New Jersey Amer. bor. » (Tab. LXVII,

fig. 3. — Ex specim. orig. in Ellis North Amer. Fungi n. 579.

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 100-110 \approx 14-16; sporidia 45-50 \approx 6-7.

Diffrerit a *L. Sowerbyi* praecipue sporidiis paulo longioribus crassioribusque (sed non 60 \approx 10 ut in Grev. et in Syll.). An satis?

Leptosphaeria apocalypta (Rehm) Winter Pilze II, p. 442. *Xenosphaeria apocalypta* Rehm Ascom. p. 346.

Hab. in thallo Stereocaulonis alpini in « Germania » (Tab. LXVIII, fig. 1.

— Ex specim. orig. in Rehm l. c.).

Perithecia conferta, rugosa, $\frac{1}{3}$ mm. d.; asci 90-100 \approx 12-14; sporidia 25-34 \approx 8-11. *L. caninam* colore sporidiorum, ascis tetrasporis et matrice, in mentem revocat.

Leptosphaeria insignis Karst. Fungi Spet. p. 100. Rev. Mon. Asc. Fenn. p. 38. Sacc. Syll. Pyr. II p. 71.

Hab. in foliis Dupontiae psilosantae, Dup. Fischeri, Airae alpinae et Alopecuri ovati in « Spetsbergia ». (Tab. LXVIII, fig. 2. — Ex specim. orig. a claro Karst. benevole communic.).

Perithecia subsparsa, $\frac{1}{6}-\frac{1}{5}$ mm. d.; asci 150-160 \approx 25-30; sporidia 36-40 \approx 12-14.

Leptosphaeria Morthieriana Sacc. Misc. Myc. I p. 23. Berl. et Vogl. Add. Vol. I-IV Syll. p. 137. Sacc. Suppl. I Syll. p. 772.

Hab. in foliis Succisae putrescentibus in palude torfacea « les Pouts » prope « Neuchâtel Helvetiae ». (Tab. LXVIII, fig. 3. — Ex specim. orig. a cl. Sacc. benevole communic.).

Perithecia sparsa $\frac{1}{6}-\frac{1}{5}$ mm. d.; asci 110-120 \approx 25-30; sporidia 35-38 \approx 7-9. Affinis *L. insigni*.

Leptosphaeria Spartinae Ell. et Ev. in Journ. of. Myc. 1885, p. 43. Berl. et Vogl. Add. Syll. p. 143. Sacc. Suppl. I Syll. p. 790.

Hab. in culmis emortuis Spartinae « Cape May Amer. bor. » (Tab. LXIX, fig. 1. — Ex specim. orig. a cl. Ellis benevole comm.).

Perithecia subgregaria, $\frac{1}{4}-\frac{1}{3}$ mm. d.; asci 140-160 \approx 20-24; sporidia 38-44 \approx 10-12.

Valde affinis *L. insigni*.

Leptosphaeria littoralis Sacc. Mich. I, p. 38. Fungi it. t. 144 Syll. Pyr. II, p. 78. Berl. sopra alc. Lept. *sabuletorum* Sacc. Syll. Pyr. II p. 180. *Sphaeria sabuletorum* B. et Br. Brit. n. 650, t. 12, fig. 86. *Lept. Ammophilae* Rehm Ascom. n. 691. Winter Pilze II, p. 458. *Massaria Holoschaeni* Pass. Diagn. fung. nuovi Sacc. Add. Syll. p. 750.

Hab. in culmis Psammae arenariae et Scirpi in « Germania, Britannia et Italia ». (Tab. LXIX, fig. 2 — Ex specim. orig. in herb. Sacc.).

Perithecia sparsa, $\frac{1}{4}-\frac{1}{3}$ mm. d.; asci 150-160 \approx 25-30; sporidia 40-45 \approx 12-15.

Leptosphaeria luctuosa Niessl in litt. ad Schröt. et ad Sacc. Fungi Ven. Ser. II p. 321. Fungi it. t. 502. Syll. Pyr. II p. 72. Winter Pilze II p. 482.

Hab. in culmis exsiccatis Zeae Maydis prope « Treviso Ital. bor. et in Germania ». (Tab. LXX, fig. 1. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{4}\text{-}\frac{1}{3}$ mm. d.; asci 150-160 \approx 18-20; sporidia 35-40 \approx 10-12.

Leptosphaeria lineolaris Niessl in Herb. Linhart Fungi Hung. n. 466. Sacc. Suppl. I Syll. p. 790. Berl. et Vogl. Add. Syll. p. 343.

Hab. in culmis exsiccatis Airae caespitosae prope « Petrozsing Hungariae ». (Tab. LXX, fig. 2. — Ex specim. orig. in Linh. I. c.).

Perithecia sparsa vel seriatim disposita, $\frac{1}{7}\text{-}\frac{1}{5}$ mm. d.; asci 55-65 \approx 8-10; sporidia 25-27 \approx 3-4.

Leptosphaeria Hyperici Winter Hedw. 1872, p. 140. Pilze II p. 480. Sacc. Syll. Pyr. II p. 37.

Hab. ad caules aridos Hyperici perforati prope « Giessen Germaniae » (Tab. LXX, fig. 3. — Ex specim. orig. a Museo Berlinensi accepto).

Perithecia sparsa vel vix gregaria, $\frac{1}{4}$ mm. d., subsuperficialia; asci 70-80 \approx 10-12; sporidia 29-32 \approx 3-4.

Leptosphaeria lycopericola Peck 29. Stat. Rep. Mus. p. 105 tab. 2 fig. 16-19. Berl. et Vogl. Add. Syll. p. 145. Sacc. Add. Syll. Pars I, p. 796.

Hab. in pedunculis emortuis Lycopodii clavati in montibus « Adirondack Amer. bor. ». (Tab. LXX, fig. 4. — Ex specim. orig. a claro Peck benevole communic.).

Perithecia sparsa, $\frac{1}{8}\text{-}\frac{1}{6}$ mm. d.; asci 100-110 \approx 10-12; sporidia 32-35 \approx 3-4. An ad *L. Campi Sillii* adscribenda?

Leptosphaeria agnita (Desm.) De-Not. et Ces. Schema p. 62. Sacc. Syll. Pyr. II p. 40. Winter Pilze II p. 480. Berl. in Soc. Ven. Trent. 1885 t. 11, fig. 1. *Sphaeria agnita* Desm. XIX not. p. 18. *Raphidospora Betonicae* Thümen fung. austr. 861.

Hab. in caulibus siccis variis praecipue Eupatoriæ, Betonicae etc. in « Gallia, Britannia, Italia, Germania et Belgio ». (Tab. LXXI, fig. 1. — Ex specim. in Rehm Asc. n. 144 in *Dauco Carota*).

Perithecia sparsa, $\frac{1}{6}\text{-}\frac{1}{5}$ mm. d.; asci 90-100 \approx 10-12; sporidia 34-38 \approx 4-5.

Leptosphaeria agnita Var. ambigua Berl. in Soc. Ven. Trent. 1885 t. 11, fig. 5. Berl. et Vogl. Add. Syll. p. 138. Sacc. Add. p. 770.

Hab. in caule Eupatoriæ cannabini in « Germania et Italia ». (Tab. LXXI, fig. 2. — Ex specim. *L. agnitæ* in Erb. critt. ser. II n. 590).

Perithecia sparsa, $\frac{1}{3}\text{-}\frac{1}{2}$ mm. d.; asci 85-95 \approx 8-10; sporidia 30-32 \approx 4-5.

Leptosphaeria Erigerontis Berl. *Leptosphaeria agnita Var. Erigerontis*. Berl. in Soc. Ven. Trent. 1885 tab. IX, fig. 3. Sacc. Suppl. Syll. p. 770.

Hab. in caule sicco Erigerontis canadensis in « Amer. bor. et Gallia ».
(Tab. LXXI, fig. 3.) — Ex specim. Brunaudianis in herb. Sacc.).

Perithecia sparsa vel vix gregaria, $\frac{1}{3}$ mm. d.; asci 80-90 \times 12-14; sporidia 48-50 \times 4-5.

Leptosphaeria modesta (Desm.) Auersw. Tausch-verein 1866 p. 4. Karst. Myc. Fenn. II p. 106. Sacc. Syll. Pyr. II p. 39. Winter Pilze II p. 471. *Sphaeria modesta* Desm. in Ann. sc. nat. III Ser. tom. VIII p. 173. *Sphaeria Cibostii* De Not. Micr. VI p. 8. *Leptosphaeria Cibostii* Ces. et De Not. Schema p. 61. *Leptosphaeria Sanguisorbae* Karst. Enum. Fung. Lapp. p. 214. *Lept. setosa* Niessl Beitr. z. Kenntn. Pilze p. 28. *Lept. Passerinii* Sacc. Mich. I p. 38

Hab. in caulis variis in « Italia, Gallia, Germania, Fennia, Lapponia, Belgio et Britannia ». (Tab. LXXI, fig. 4.) — Ex specim. orig. in *Scabiosa Columbaria* in Desm. Pl. cr. Fr. n. 1786).

Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; ostiolo penicillato, setoso; asci 70-80 \times 10-12; sporidia 32-36 \times 5-7.

Leptosphaeria acuta (Moug. et Nestl.) Karst. Myc. Fenn. p. 98. Sacc. Syll. Pyr. II p. 41. Fungi it. t. 493. Winter Pilze II p. 481. *Sphaeria acuta* Moug. et Nestl. Stirp. Vog. n. 181. *Pleospora acuta* Fuck. Symb. p. 135. *Sphaeria coniformis* Fries. Syst. II p. 508. Curr. in Trans. Linn. Soc. Vol. XXII p. 330. t. 59, fig. 126.

Hab. in caulis variis praecipue Urticae in « Fennia, Belgio, Britannia, Germania, Suecia, Italia, Gallia, Virginia ». (Tab. LXXII, fig. 1.) — Ex specim. orig. in Rab. fungi Eur. n. 22, 40).

Perithecia subsparsa, $\frac{1}{4}$ mm.; asci 80-90 \times 12-14; sporidia 35-42 \times 4-5.

Leptosphaeria rhopalispora Berl. sp. nova.

Hab. in Crithmo maritimo et Inulae crithmoidis in « Gallia ». Ex specim. *L. helminthosporae* in herb. Sacc. (Tab. LXXII, fig. 2).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 85-95 \times 8-10; sporidia 23-26 \times 5-6. A *Lept. helminthospora* sporidiis valde minoribus prae caeteris dignoscitur.

Leptosphaeria asparagina Karst. in Hedw. 1884 n. 1 p. 1. Rev. Syn. Ascom. Fenn. p. 55. Sacc. Suppl. Syll. I p. 785. *Lept. Passeriniana* Sacc. Suppl. I. c. p. 785. *Lept. Asparagi* Pass. Diagn. funghi nuovi I n. 47. (nec Peck). *Lept. luctuosa* Berl. Fungi Lusit. in Rev. Myc. 1889 (nec Niessl).

Hab. in caulis Asparagi in « Fennia, Italia et Lusitania ». (Tab. LXXII, fig. 3.) — Ex specim. orig. a claro Karst. benevole communic. cum iis orig. *L. Asparagi* Pass., in quibus sporidia sunt 5-et dein 7-septata dum 24-27 \times 5-6 metiuntur, minute comp.).

Perithecia gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 100-110 \times 8-10; sporidia 25-28 \times 3-4.

Leptosphaeria asparagina forma grisea Pass. Diagn. fung. n. IV p. 5. Sacc. Suppl. I Syll. p. 793 (ut spec.).

Hab. in culmo fracido Sorghi vulgaris « Vigheffio » prope « Parma Ital.

bor. » (**Tab. LXXII, fig. 4.** — Ex specim. orig. a claro Pass. benevole communic.).

Perithecia sparsa vel vix gregaria, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 75-85 \approx 10-12; sporidia 25-28 \approx 3 $\frac{1}{2}$ -5.

Leptosphaeria conimbricensis Berl. et Fr. Sacc. Contr. Myc. Lus. p. 5, t. 83, fig. 5. Sacc. Suppl. I Syll. p. 791.

Hab. in culmis Piptatheri miliacei, « Coimbra Lusitaniae » (**Tab. LXXII, fig. 5.**)

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 80-90 \approx 8-9; sporidia 23-27 \approx 5-6.

Leptosphaeria scapophila (Peck) Sacc. Syll. Pyr. II, p. 43. *Sphaeria scap.* Peck 30 Rep. t. II fig. 24-27.

Hab. in scapis emortuis Sarraceniae purpureae in « Montibus Adirondach Amer. bor. » (**Tab. LXXIII, fig. 1.** — Ex specim. orig. a claro Peck benevole communic.).

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{7}$ mm. d.; asci 40-50 \approx 10-12; sporidia 20-24 \approx 4-5.

Leptosphaeria derasa (B. et Br.) Auersw. Bot. Tausch-Verein 1868 p. 4. Sacc. Syll. Pyr. II, p. 41. Thümen Myc. Univ. n. 269. Rehm Ascom. p. 383. Winter Pilze II 481. *Sphaeria derasa* B. et Br. Brit. fungi n. 639, t. 11, fig. 25 b. *Nodulosphaeria hirta* Rab. in herb. Myc. n. 725 (nec Fries).

Hab. in caulis emortuis Senecionis Jacobaeae in « Britannia et Germania ».

(**Tab. LXXIII, fig. 2.** — Ex specim. orig. a claro Cooke benevole communic.).

Perithecia subgregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 75-85 \approx 10-12; sporidia 40-50 \approx 4-5. Setulas deciduas, non vidi.

Leptosphaeria caespitosa Niessl in Kunze fungi Sel. n. 77. Sacc. Syll. Pyr. II p. 35. Winter Pilze II p. 475.

Hab. in caulis siccis Artemisiae campestris in « Germania » (**Tab. LXXIII, fig. 3.** — Ex specim. orig. in Kunze l. c.).

Perithecia conferta, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 90-100 \approx 16-18; sporidia 32-35 \approx 4-5. Sporidia demum 7-septata et tum 40 \approx 45 sed ab iis *L. helmithosporiae* formâ diversa.

Leptosphaeria fallaciosa Berl. Ex. Myc. Frioul p. 10, t. 9, fig. 5. Sacc. Suppl. I Syll. p. 773.

Hab. in caulis emortuis Satureiae hortensis « Osoppo » agri forojulien-sis « Ital. bor. » (**Tab. LXXIII, fig. 4.**)

Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 70-75 \approx 12-16; sporidia 47-50 \approx 4-5.

Leptosphaeria helminthospora (Ces.) De-Not. Sfer. it. n. 88 (nec Fuck.). Non *L. helminth.* Sacc. Syll. Pyr. II, p. 33. *Lept. Artemisiae* Sacc. Syll. Pyr. II, p. 33 (nec Fuck.) *Lept. Owaniae?* Kalch. et Cooke Grev. 1880 p. 29, t. 137, fig. 33. Sacc. l. c.

Hab. in caulis siccis Artemisiae campestris « Vercelli Ital. bor. » (**Tab. LXXIV, fig. 1.** — Ex specim. orig. in Erb. Critt. It. I n. 651).

Perithecia $\frac{1}{4}$ - $\frac{1}{5}$ mm. d.; asci 110-120 \approx 16-18; sporidia 42-48 \approx 7-9.

Leptosphaeria petiolicola Sacc. Myc. Ven. p. 105, tab. X, fig. 38. Fungi it. t. 491. Syll. Pyr. II p. 46.

Hab. in petiolis Robiniae Pseudacaciae « Treviso Ital. bor. » (Tab. LXXIV)

fig. 2. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 90-100 \approx 8-10; sporidia 24-30 \approx 3-4. Non rite evoluta.

Leptosphaeria Millefolii (Fuck.) Niessl in Rab. fungi Eur. n. 2239. Sacc. Syll. Pyr. II, p. 45. Winter Pilze II, p. 484. *Pleospora Millefolii* Fuck. Symb. Myc. App. III, p. 20.

Hab. in caulis exsiccatis Achilleae Millefolii in « Helvetia ». (Tab. LXXIV,

fig. 3. — Ex specim. Niessleanis in Rab. I. c.).

Perithecia laxe gregaria, $\frac{1}{8}$ mm. d.; asci 90-100 \approx 10-12; sporidia 38-42 \approx 4.

Leptosphaeria amphibola Sacc. Fungi Ven. Ser. II, 322. Fungi it. p. 278. Syll. Pyr. II, p. 75. *L. culmifraga* Sacc. Mycoth. Ven. n. 77 (in *Sorgho*) Nec auct.

Hab. in culmis emortuis Sorghi vulgaris prope « Treviso Ital. bor. » (Tab.

LXXIV, fig. 4. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia seriata, $\frac{1}{4}$ mm. d.; asci 60-70 \approx 10-12; sporidia 26-29 \approx 3 $\frac{1}{2}$ -4.

Leptosphaeria amphibola forma seriata Pass. Diagn. fung. nuovi I, n. 49. Sacc. Suppl. I, p. 794.

Hab. in culmo fracido Zeae Maydis « Vigheffio » prope « Parma Ital. bor. »

(Tab. LXXV, fig. 1). — Ex specim. orig. a claro Pass. benevole communic.).

Perithecia seriata, $\frac{1}{5}$ mm. d.; asci 60-70 \approx 9-11; sporidia 28-30 \approx 3 $\frac{1}{2}$ -4. Affinis *L. asparaginae* et *L. dactylinae*.

Leptosphaeria herpotrichioides De Not. Sfer. it. p. 80, t. 87. Sacc. Fungi it. t. 503. Syll. Pyr. II, p. 77. Winter Pilze II, 458. Rehm Ascom. 700.

Hab. in culmis Koeleriae cristatae, Andropogonis et Secalis in « Fennia et Italia ». (Tab. LXXV, fig. 2). — Ex specim. *L. culmifragae formae herpotrichioid.* in Rehm I. c.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 90-100 \approx 8-10; sporidia 25-29 \approx 3-4. A. *L. culmiphraga* peritheciis villosis et sporidiis tantum 6-8-septatis (raro 9-septatis) differt.

Leptosphaeria aculeorum Pass. Diagn. fung. n. IV, p. 4. Sacc. Suppl. I Syll. p. 778.

Hab. in aculeis Rosae caninae « Vigheffio » prope « Parma Ital. bor. ».

(Tab. LXXV, fig. 5). — Ex specim. orig. a claro Pass. benevole communic.).

Perithecia sparsa, $\frac{1}{7}$ - $\frac{1}{6}$ mm.; asci 60-70 \approx 10-14; sporidia 30-34 \approx 3-4.

Leptosphaeria dactylina Pass. Diagn. funghi nuovi I. n. 52. Sacc. Suppl. I Syll. p. 794. *Lept. rhizomatum* Pass. D. F. N. III, p. 22. Sacc. Suppl. Syll. p. 795.

Hab. in culmis aridis Dactyliidis glomeratae in rhizomatibus Cynodontis Dactyli et stolonibus Agrostidis vulgaris « Vigheffio » prope « Parma Ital. bor. » (Tab. LXXV, fig. 4. — Ex specim. orig. a claro Pass. benevole communicatis).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 80-90 \approx 10-13; sporidia 24-28 \approx 4-5. Af- finis *L. culmiphragae*.

Leptosphaeria culmiphraga (Fries) Ces. et De Not. Schema Sfer. p. 61. Sacc. Syll. Pyr. II, p. 75. Winter Pilze II, p. 456. *Pleospora culmiphraga* Fuck. Symb. p. 137. *Leptosph. disseminata*? De Not. Recl. 486 Sacc. Syll. II, p. 76. *Sphaeria rubelloides* Plowr. in Grev. V, p. 20. *Lept. rubelloides* Sacc. Syll. II, p. 77. *Lept. Melicae* Pass. ? *Lept. Beaumontii* (B. et C.) Sacc. Syll. I, c. p. 87. F. Parm. IV, p. 45.

Hab. in culmis Graminum in fere tota « Europa et Amer. bor. ». (Tab. LXXVI, fig. 1. — Ex specim. *L. culnicolae* in Rehm Ascom. n. 143 et a claro Winter lectis atque determinatis in *Phalaride arundin*).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 95-105 \approx 10-13; sporidia 35-38 \approx 5-6.

Leptosphaeria rubro-tincta Ellis. et Ev. in Journ. Myc. I, p. 150. Sacc. Suppl. I Syll. p. 777.

Hab. in ramis Staphyleae trifoliae in « Amer. bor. » (Tab. LXXVI, fig. 2. — Ex specim. orig. a claro Ellis benevole communic.).

Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 130-140 \approx 12-15; sporidia 45-55 \approx 4-6 (et usque 60 μ . longa.).

Leptosphaeria Equiseti Karst. Fungi Spet. p. 101. Sacc. Syll. Pyr. II, p. 81.

Hab. in stipitibus vetustis Equiseti variegati ad « Liefdebay Spetsbergiae ». (Tab. LXXVI, fig. 3. — Ex specim. orig. a claro Karst. benevole communicatis).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 105-115 \approx 16-20; sporidia 40-44 \approx 6-7.

Leptosphaeria Ptarmicae Karst. Myc. Fenn. II, p. 102. Sacc. Syll. Pyr. II, p. 42.

Hab. in caulis exsiccatis Achilleae ptarmicae prope « Tammela Fen-niae ». (Tab. LXXVII, fig. 1. — Ex specim. orig. a claro Karst. benevole communic.).

Perithecia sparsa, $\frac{1}{7}$ - $\frac{1}{6}$ mm. d.; asci 95-105 \approx 16-18; sporidia 80-85 \approx 4.

Sporidiorum fabrica ad *Ophiobolum* vergit sed haud dubie inter *Leptosphaerias* censenda.

Leptosphaeria Vitalbae Niessl in Tausch-Verein 1869. Rehm Ascom. n. 938. Sacc. Suppl. Syll. I, p. 765. *Lept. nectrioides* Speg. Mich. I, p. 456. Sacc. Fungi it. t. 633. Syll. Pyr. II, p. 45.

Hab. in sarmentis emortuis Clematidis Vitalbae in « Ital. bor. et Germania ». (Tab. LXXVII, fig. 2. — Ex specim. orig. in Rehm l. c.).

Perithecia sparsa, $\frac{1}{2}$ mm. d., ostiolo crassiusculo rotundo praedita; asci

100-110 \approx 16-18, subinde longe stipitati et tum etiam 160-180- μ . longi; sporidia 35-40 \approx 6-8.

Vix *Leptospha.* ostiolo rotundo sporidiorumque natura ad *Lophiost.* vergit.

Leptosphaeria Vitalbae Var. *clavigera* (C. et E.) Sacc. Syll. Pyr. p. 44. *Sphaeria clavigera* C. et E. Grev. VI, p. 16, t. 96, fig. 25.

Hab. in caule Phytolaccae « New Jersey Amer. bor. ». (Tab. LXXVII, fig. 3.

— Ex specim. orig. a clarissimis Ellis et Cooke benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 120-130 \approx 16-20; sporidia 34-38 \approx 7-9. Primo obtutu *Pleosporam rubicundam* in mentem revocat sed septis longitudinalibus nullis ab ea, saltem taxonomico, longe distat.

Leptosphaeria typhicola Karst. Myc. Fenn. II, p. 100. Sacc. Syll. Pyr. II, p. 79.

Hab. in calamis putrescentibus Typhae latifoliae ad « Mustiala Fenniae ».

(Tab. LXXVIII, fig. 1. — Ex specim. orig. a claro Karst. benevole communic.).

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 85-95 \approx 18-20; sporidia 40-50 \approx 8-10.

Affinis *L. Vit. var. clavigerae*, a qua differt in primis sporidiis majoribus.

Leptosphaeria anthostomoides Rehm Ascom. n. 339. Sacc. Syll. Pyr. p. 43. Winter Pilze II, p. 482.

Hab. in caulis putrescentibus Aconiti Napelli in « Alpibus Edit. Tyrolensis » juxta glaciem aeternam. (Tab. LXXVIII, fig. 2. — Ex specim. orig. in Rehm l. c.).

Perithecia gregaria, $\frac{1}{3}$ $\frac{1}{2}$ mm. d.; asci 100-110 \approx 14-16; sporidia 35-40 \approx 6-8.

Leptosphaeria multiseptata Winter Hedw. 1872, p. 148. Pilze II, p. 482. Sacc. I Suppl. Syll. p. 768.

Hab. in caulis exsiccatis Lathyri silvestris prope « Oederam Saxoniae ».

(Tab. LXXVIII, fig. 3. — Ex specim. orig. in Rab.-Winter Fungi Eur. 27 63-

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 110-120 \approx 10-12; sporidia 45-50 \approx 5.

Leptosphaeria Kalmusii Niessl in herb. Sacc. Syll. Pyr. II, p. 44. Winter Pilze II, p. 483.

Hab. in caulis Artemisiae vulgaris prope « Brünn Moraviae ». (Tab. LXXIX, fig. 1. — Ex specim. orig. in herb. Sacc.).

Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 100-110 \approx 8-12; sporidia 35-38 \approx $3\frac{1}{2}$ - $4\frac{1}{2}$. *L. seriatae* affinis.

Leptosphaeria dolioloides (Auersw.) Karst. Myc. Fenn. II, p. 106. Sacc. Syll. Pyr. II, p. 44. Winter Pilze II, p. 483. *Nodulosphaeria dolioloides* Auersw. in Rab. fung. Eur. n. 547. *Pleospora dolioloides* Fuck. Symb. p. 138. ? *Pleospora Thielensii* West. in Lamb. Fl. Myc. Belg. II, p. 274. *Lept. Thiel.* Sacc. l. c. p. 46.

Hab. ad caules exsiccatos Senecionis, Tanaceti, Anthemidis, Achilleae in « Germania, Fennia, Gallia, Lusitania ». (Tab. LXXIX, fig. 2. — Ex specim. in Rehm Ascom. n. 641 in *Tanaceto vulg.*).

Perithecia sparsa vel gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 80-90 \approx 12-14; sporidia 42-45 \approx 3-4.

Leptosphaeria Napi (Fuck.) Sacc. Syll. Pyr. II, p. 45. Winter Pilze II, p. 484. *Pleospora Napi* Fuck. Symb. p. 136.

Hab. in caulis emortuis Brassicae rapae, Diplotaxeos et Erysimi in « Germania ». (Tab. LXXIX, fig. 3. — Ex specim. in Linhart Fungi Hung. n. 365 in *Erisimo virg.*).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 140-150 \approx 10-12; sporidia 48-53 \approx 4-5. Affinis *L. acutiusculae*.

Leptosphaeria acutiuscula Berl. n. sp. *L. acuta* Rehm Ascom. n. 783. (nec M. et N.).

Hab. in caulis Urticae in « Germania ». (Tab. LXXX, fig. I sub nomine *L. acutae*).

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. d., subgregaria; asci 155-165 \approx 10-12; sporidia 48-52 \approx 4-5. A *L. acuta* ascis sporidiisque majoribus, ut videtur, differt.

Leptosphaeria Salviae Pass. Diagn. Fungi III, n. 20. Sacc. Suppl. I Syll. p. 774.

Hab. in ramis siccis Salviae officinalis in Horto Botanico Parmensi « Ital. bor. ». (Tab. LXXX, fig. 2. — Ex specim. orig. a claro Pass. benevole communic.).

Perithecia subgregaria, parce setosula, $\frac{1}{3}$ mm. d.; asci 90-120 \approx 12-14; sporidia 45-47 \approx 6-7.

Leptosphaeria megalospora Auersw. et Niessl. Beitr. p. 30, t. IV, fig. 28. Sacc. Syll. Pyr. p. 42. Winter Pilze II, p. 482. Berl. et Bres. Microm. Trid. p. 34, tab. III, fig. 5.

Hab. in caulis emortuis Sambuci Ebuli in « Moravia et Tyrolia ». (Tab. LXXX, fig. 3. — Ex specim. tridentinis cum originalibus minutim comp.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 110-125 \approx 16-19; sporidia 65-75 \approx 5-7. Species perpulchra !

Species non examinatae ⁽¹⁾

Leptosphaeria argentina Speg. L. Rudbeckiae (Kirchn.) Sacc. L. sibirica Thuem. L. viridella (Peck.) Sacc. L. lusitanica Thuem. L. Medicaginis (Fuck.) Sacc. L. Phiala (D. et M.) Sacc. L. Tini Ell. et Ev. L. Promontorii Sacc. L. cladophila Schr. L. Cookei Pir. L. Gibelliana Pir. L. vitigena Sacc. L. Avellanae Fabr. L. Kalmiae Peck. L. Asparagi Peck. L. pampini (Tuem.) Sacc. L. mirabilis Niessl. L. Mer-

(1) Plurium harum specierum exemplaria sero accepi, et in tabulis suo loco inserere nequivi. Ea in Appendix voluminis I illustrabo.

Species vero Spegazzinianas frustra pluries quaesivi, et deplorandum est quod cl. Spegazzini, rei mycologicae validus servidusque cultor, precibus meis nullam, neque pro Scientia, dederit auditionem.

tensiae (Ell.) Sacc. L. Baggei (Auersw. et Niessl.) Sacc. L. psilospora Auersw. L. sarmenticia Sacc. L. appendiculata Pir. L. pellita (Rab. et Klat). L. Cadubriae Speg. L. cervispora (K. et C.) Sacc. L. Drabae (Nyl.) Karst. L. uliginosa (P. et P.) Sacc. L. sabauda Speg. L. austro-americana Speg. L. Plemeliana Niessl. L. subtecta (Wint.) L. dryophila (C. et H.) Sacc. L. coffeigena (B. et C.) Sacc. L. Passerinii Sacc. L. aërea Speg. L. marginata Niessl. L. australis (Priè) Sacc. L. vinosa Speg. L. Alcides Sacc. Specim. orig. sterilia! L. Endiusae (Fuck.) Sacc. L. Ischoemi Pass. L. Salvinii Catt. L. cyperina Pass. L. epicarecta (Cooke) Sacc. L. Dasylirii (Rab.) Sacc. Spec. orig. sterilia inveni. L. Caricis Schr. L. Vectis (B. et Br.) Ces. et De Not. Specim. plura examinata semper sterilia inveni. L. silvatica Pass. L. Secalis Haberl. L. Graminis (Fuck.) Sacc. L. sparsa (Fuck.) Sacc. specim. origin. sterilia inveni. L. interspersa (Cooke) Sacc. Spec. orig. sterilia inveni. L. pontiformis (Fuck.) Sacc. specim. orig. sterilia inveni. L. consobrina Karst. L. Campi-Sili Speg. L. arvensis Sp. L. polaris Sacc. Non vidi L. indeprensa (Dur. et Mont.) Sacc. Non vidi L. Beaumontii (B. et C.) Sacc. Non vidi L. cucurbitarioides Fabr. non vidi L. Lecanora Fabr. id. L. platanicola (Howe) Sacc. id. L. Winteri Niessl id. L. Cynops Fabr. id. L. foeniculacea Fab. id. L. sabalicola Ell. et M. id. L. stereicola Ell. id. L. Physalidis Ell. et Ev. id. L. bicuspidata (Cooke et H.) Berl. et Vogl. Non vidi sed vix Lept. L. Harknessiana Ell. et Ev. non vidi. L. Acanthi Pass. id. L. Ribis Karst. spec. orig. frustra investigavi L. cassiaecola E. et E. id. L. Delawayi Pat. Non vidi. L. sticta E. et E. non vidi L. clavicularia E. et E. non vidi L. Sphyridiana (Lahm) Wint. non vidi L. Lycii Pass. id. L. monotis Rehm Spec. orig. sterilia. L. lasiosphaerioides Starb. et Grev. non vidi L. Ranunculi Rost. non vidi L. quadrisectata Trail id. L. Oxyriae Rost. non vidi. L. serbica Schr. id. L. Lathyri Fautr. id. L. Stellariae Rich. id. L. Vahlii Rost. id. L. Eranthemi Pat. id. L. Plumbaginis Pat. id. L. Brunellae E. et E. id. L. euphorbicola Br. id. L. brasiliensis Speg. id. L. cirricola Pass. id. L. Cisti Cel. id. L. Berberidis Rich. id. L. Caprifolii Brun. id. L. Periclymeni Oud. id. L. Camelliae C. et M. id. L. Fraxini E. et E. id. L. Helichrysi C. id. L. Rostrupii Berl. (L. Stellariae Rostr. non Rich.) id. L. Rehmiana Voss. id. L. antarctica Speg. id. L. Ziphii Pass. Sper. orig. sterilia inveni. L. ruscicola K. et H. non vidi. L. folliculata E. et E. id. L. Sporoboli E. et E. id. L. Cattanei Thuem. id. L. algida Rost. id. L. fuegiana Speg. id. L. Puiggarii Speg. id. L. pachytheca Har. et Br. id. L. stereicola Ellis id. L. fungicola Wint. id. L. danica Berl. (L. marina Rostr. non Ell.) id. L. Baggei (Auersw. Niessl) Sacc. L. Hierochloae Oud. id. L. hemicrypta Oud. id. L. striata Wint. id. L. subcaespitosa C. et H. id.

Species dubiae, excludendae vel e genere amovendae.

Leptosphaeria dioica (Moug.) Sacc. Syll. Pyr. II, p. 18. Specimina anglica ad *Thyridarium spectant*, *Libertiana* vero (in Roum. Rel. Lib. ser. II, n. 689) in *Acero pseudopl.* immatura inveni sed certe non ad *Leptosph.* spectant; potius *Melanommati* adscribenda. Leptosphaeria distributa (C. et Ell.) Sacc. est *Metasp.* secund. spec. origin. Leptosphaeria sodomaea (De Not.) Sacc. Ex spec. orig. nihil eruere potui, sed species mihi videtur valde dubia. L. salebrosa (Pr.) Sacc. dubia. L. nigrella (Rab.) Sacc. est *Pleospora* L. Obiones (Cr.) Sacc. L. gloeospora (B. et Curr.) Sacc. Specimina originalia sene-scentia. L. molybdina (Mont. et Moug.) Specimina origin. sterilia. L. abbreviata (Cooke) Sacc. Est *Sphaerulina intermista*. (Ex spec. orig. et cfr. etiam. Sacc. Syll. Pyr. II, p. 188). L. Tamaricis (Grev.) Sacc. est sec. spec. orig. *Clypeosph.* *Notar.* L. ramulicola (Peck) Sacc. sec. spec. orig. est *Massaria*. L. Tephrosiae (E. et E.) Sacc. est *Didymosph.* spo-

ridiis primo 4-guttatis uniseptatisque dein tantum uniseptatis etiam Chlori-Joduri-Zynchi ope, 22-24 = 4-5, melleo-viridulis sec. spec. orig. L. Vitis (Cast.) Pir. dubia. L. inspersa (Schw.) Sacc. dubia L. Hazslinszkii Sacc. dubia. L. massariella mihi videtur potius *Massaria* L. *Echinops* ad genus novum, *Pocospaeria*, pertinet. L. Bardanae (Wallr.) Sacc. Specim. Rabenhorst. (F. E. n. 641) sub nomine *Sphaeria* Bard. ad *Ophiob. Bard.* et ad *Pleosp. infect.* spectant. L. Gnaphalii (West. et Fuck.) Sacc. incerta. L. Mülleri (Duby) Auersw. est *Zignoella* L. torulispera (Cooke) Sacc. Spec. origin. sterilia inveni, sed species mihi videtur aptius sub *Ophiobolo* militare. L. Saccardiana Fabr. est *Melanomma megalospor.* L. Castagni (Dur. et Mont.) Sacc. Specim. orig. sterilia inveni, et Saccardiana non vidi L. massariooides Sacc. et Speg. ex authopsis specim. orig. mihi videtur *Lophiostoma* nam ostioli sunt e latere compressi, et sporidia 8-septata, flavo-fuliginea loculis extimis pallidioribus. L. primulaecola (Wint.) Sacc. est *Metasp.* L. hedericola (Desm.) Sacc. mihi dubia. L. Scrophulariae (Desm.) Sacc. ex authopsis specim. origin. ad *Pleosporam* pertinet. L. impressa (Pr.) Sacc. incerta. L. sorgophila (Peck.) Sacc. ex spec. orig. est *Sporormia leptosphaera*. L. crastophila Sacc. quam *Leptosphaeria* videtur potius *Sphaerella*; sporidia raro biseptata, nubilosa, hyalina. An *Metasphearia*? L. Luzulae Wint. sec. spec. orig. est *Metasphearia*. L. heloniaefolia (C. et E.) Sacc. est *Stagonospora* L. scabiens (Ces.) Sacc. incerta. L. Smilacis (Cast.) Sacc. specim. orig. sterilia; mihi dubia. L. triglochincola (Curr.) Sacc. mihi dubia. L. clara (Cooke et Auersw.) Sacc. sec. specim. Wint. est *Didymella*. L. moniliiformis (Fuck.) Sacc. Specim. orig. sterilia inveni; species mihi dubia. L. Asplenii (Rab. et Niessl) Sacc. mihi dubia. L. caffra Thuem. Est verisimiliter novi generis typus *Metaspheiae caraguatae* affinis. L. stictostoma (B. et Br.) Sacc. est *Metasp.* L. Lophanthi (B. et C.) Sacc. non vidi et e diagnosi mihi dubia videtur. L. Teucrii (Crouan) Sacc. id. L. nesodes (B. et Br.) Sacc. specimina orig. haud bene evoluta sed potius ad *Metasp.* pertinent L. Ianus (B. et C.) Sacc. specimina orig. sterilia inveni, ellisiana vero (North Am. F. n. 1299) potius ad *Metasp.* pertinent. L. taxicola (Peck.) Sacc. Pulchra sed *Metasp.* L. olivaespora (B. et C.) Sacc. est *Pleospora (Catharinia)*. Sporidia in massa vix virescentia. L. stictoides (B. et Br.) Sacc. sporidia hyalina et muriformia. L. Juncorum (Crouan) Sacc. Non vidi sed e diagnosi dubia. L. Vedellii (Mont.) Sacc. id. L. incarcerated (P. et C.) Sacc. est *Passeriniella*. L. zizaniaecola (B. et B.) Sacc. Non vidi sed a diagnosi in genere dubia. L. latebrosa (Ellis) Sacc. est *Lophiotrema* L. phragmiticola (Cr.) Sacc. e diagnosi dubia. L. duplex (Sow.) Sacc. dubia. L. ceratispora (B. et C.) Sacc. Non vidi. An L. sepiata sporidiis germinantibus? L. eriophora (Cooke) Sacc. est novi generis (*Pocospaeriae*) typus. L. echinella (Cooke) Th. est *Pyrenophora* L. circinans (Fuck.) Sacc. Non vidi sed e diagnosi ad *Passeriniellam* adscribenda. L. demissa Niessl est *Metasp.* L. ophioboloides Sacc. est novi generis (*Leptosphaeriopsis*) typus. L. diaporthoides W. aptius *Met.* L. Ceanothi (C. et H.) B. et V. est *Sphaerulina*. L. Gillotiana Sacc. potius *Melanomma* subcorticale. L. californica (C. et H.) B. et V. Est *Metasp.* L. odora (C. et H.) B. et V. est *Calospora*; sporidia in massa vix lutescentia. L. marina E. et E. pulchra sed *Metasp.* L. hysteroides E. et E. id. L. infernalis est *Pleospora Pustula* L. phormicola C. et H. est *Met.* L. Poterii Pass. est *Lophiost. insid.* sporid. 5-sept. appendiculigera. L. carduina Pass. est *Pl. oblong.* L. consimilis E. et E. est *Melanomma* L. Ericae (Fr.) Malbr. est *Melan.* *pulv. pyr.* L. dichroa Pass. est novi generis (*Passeriniella*) typus.

LEPTOSPHAERIOPSIS Berl. nov. gen. Perithecia et asci ut in *Leptosphaeria*; sporidia in asco apice connexa sed extra ascum semper divisa (et tum 16) numquam loculis secedentibus.

Leptosphaeriopsis ophioboloides (Sacc.) Berl. *Lept. ophioboloides* Sacc. Misc. Myc. I, p. 23. Suppl. Syll. p. 770.

Hab. ad caules Tragopogonis, ut videtur, in Silvis prope « Neuchatel Helvetiae ». (Tab. LXXXI, fig. 1. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia vix gregaria, $\frac{1}{3}$ mm. d.; asci 90-100 \times 10-12; sporidia 42-48 \times 3-3 $\frac{1}{2}$, in quoque asco 16 apice connexa.

POCOSPHAERIA Sacc. Syll. Pyr. II, p. 32. (ut subgenus).

Perithecia setosa; asci et sporidia ut in *Leptosphaeria*.

Pocosphaeria setulosa Sacc. et Roum. Reliq. Libert. Ser. II, n. 123. Sacc. Syll. Pyr. II, p. 32. Winter Pilze II, p. 447 (sub *Leptosphaeria*).

Hab. in culmis Secalis in « Arduennis » (Tab. LXXXI, fig. 2. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia $\frac{1}{5}$ mm. d.; asci 65-70 \times 8-10; sporidia 16-18 \times 4; setulae 50-60 \times 3-4.

Pocosphaeria eriophora (Cooke) Berl. *Lept. erioph.* Sacc. Syll. Pyr. II, p. 87. *Sphaeria eriophora* Cooke Grev. V, p. 153. *Leptosphaeria eutypoides* Peck in 38 Rep. St. Mus. p. 105. Sacc. Suppl. I Syll. p. 767.

Hab. in caulis emortuis Chenopodii, Amaranthi et Lappae in « Amer. bor. » (Tab. LXXXI, fig. 3. — Ex specim. orig. *L. eutypoides* a claro Peck benevole communic. cum iis orig. *L. eriophorae* minutim. comp.).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 70-85 \times 10-14; sporidia 16-18 \times 7-8.

CHITONOSPORA Bomm. Rouss. et Sacc. Suppl. Syll. p. 797.

Perithecia ut in *Leptosphaeria*, sporidia *Pseudovalsae*.

Chitonospora Ammophila Bomm. Rouss. et Sacc. I. c.

Hab. in foliis emortuis Psammae arenariae « Ostende Belgii ». (Tab. LXXXI, fig. 4. — Ex specim. orig. a claro Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 75-90 \times 15-16; sporidia 24-27 \times 8-10. Sporidiorum fabrica *Pseudovalsis* cognata sed peritheciorum naturâ ab eis longe recedens.

GIBBERIDEA Fuck. Symb. Myc. p. 168. Sacc. Syll. Pyr. II, p. 132. Winter Pilze II, p. 214.

Perithecia caespitoso-erumpentia; asci octospori; sporidia transverse septata, melleo-fuliginea. Adsunt status secundarii *Diplodia Ceuthospora*.

Gibberidea Visci Fuck. Sym. Myc. p. 168 Winter Pilze II, p. 214. Sacc. Syll. Pyr. II, p. 132. Brefeld Unters. Myk. X, p. 208, t. VI, fig. 28.

Hab. in ramis emortuis et foliis Visci in « Germania ». (Tab. LXXXI, fig. 5. — Ex icono Brefeldiana).

Perithecia botryoidco-acervata; asci 114-14; sporidia 38-7. (saltem sec. Fuckel).

Gibberidea plagia (Cooke et Masse) Sacc. Suppl. Syll. Pars I, p. 820. *Melanomma plagia* Cooke et Masse in Grev. XVII, p. 8.

Hab. in ramis vivis Cassinia aculeatae « Port Phillip Australiae ». (Tab. LXXXII, fig. 1. — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia stromate subcutaneo, erumpenti, convexulo insidentia, $\frac{1}{3}$ mm. d.; asci 145-155 = 14-18; sporidia 38-45 = 11-13, primo tri-dein 5-septata, lutea, loculis extimis vix dilutioribus.

Est *Cucurbitaria* sporidiis non muriformibus.

CERATOSPHAERIA Niessl, Not. Pyr. p. 43, emend. Sacc. Syll. Pyr. II, p. 227. Winter Pilze II, p. 258.

Perithecia semiimmersa vel superficialia, subcoriacea vel subcarbonacea, atra collo plus minus elongato praedita. Asci octospori, paraphysati. Sporidia pluriseptata typice hyalina.

Est *Rhynchosphaeria* sporidiis hyalinis. Peritheciorum fabrica est etiam analogum genus *Ceratostomellae*, *Ceratostomatis*, *Rhynchostomatis*, *Lentomitae*, *Rhamphoriae* et *Ophioceratis*.

Ceratosphaeria aeruginosa Rehm Ascom. n. 531. Sacc. Syll. Pyr. II, p. 228. Winter Pilze II, p. 258. *Ceratosphaeria immersa* Winter in Hedw. 1881, p. 55, Sacc. Syll. I. c.

Hab. in ligno putri Aceris et Salicis « Augsburg Germaniae » et « Zürich Helvetiae ». (Tab. LXXXII, fig. 2. — Ex specim. orig. in Rehm I. c.).

Perithecia sparsa vel gregaria, nigro-viridula $\frac{1}{2}$ mm. d.; rostro 0,5-2 mm. longo; asci 105-115 = 14-16; sporidia 52-56 = 5-6, diu hyalina dein pallide luteo-rufula.

Ceratosphaeria aeruginosa var. **minor** Rehm Asc. n. 789. Sacc. Suppl. Syll. Pars I, p. 871.

Hab. in asseribus fabrefactis « Augsburg, Germaniae ». (Tab. LXXXII, fig. 1. — Ex specim. orig. in Rehm I. c.).

Perithecia sparsa, erostrata, $\frac{1}{2}$ mm. d.; flavo-viridula; asci 85-100 = 12-15; sporidia 38-42 = 5-6, diu hyalina, dein pallide flavo-rufula.

An aptius cum typo sub genere *Rhynchosphaeria* ponenda?

Ceratosphaeria lampadophora (B. et Br.) Niessl Not. Pyr. p. 43, Winter Pilze II, p. 258. Sacc. Syll. Pyr. II, p. 227. *Sphaeria lampadophora* B. et Br. Not. Brit. Fungi n. 882, tab. 11, fig. 28 Rabh. Fungi Eur. n. 139.

Hab. in ligno putrescente in « Britannia » in ramis Hederae et Ulmi in « Belgio » et in trunco Aceris Carpini etc. in « Helvetia ». (Tab. LXXXIII, fig. 2. — Ex specim. orig. a cl. Cooke et Pirotta benevole comm.).

Perithecia gregaria, ligno infossa vel subsuperficialia, $\frac{3}{4}$ mm. d., pulv-
rulento-viridula; asci 120-130 \times 12; sporidia 56-62 \times 4.

Sec. cl. Winter asci sunt multo longiores. (Cf. Winter l. c.).

Ceratosphaeria pusilla (Fuck.) Sacc. Syll. Pyr. II, p. 227. Winter Pilze II,
p. 257. *Ceratostoma pusillum* Fuck. Symb. Myc. p. 128, Fungi rhen. n. 2012.

Hab. in ligno putri Salicis triandrae, prope «Oestrich Germaniae» (**Tab. LXXXIV, fig. 1.**) — Ex specim. orig. in Fuck. l. c. a cl. Briosi benevole comm.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 130-150 \times 7-8; sporidia 20-25 \times 5-6.

Ceratosphaeria crinigera (Cooke) Sacc. Syll. Pyr. II. p. 227. *Sphaeria crinigera* Cooke in Grev. I. p. 156.

Hab. in ligno pineo «King's Lynn Britanniae» **Tab. LXXXIV. fig. 2.** — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia sparsa vel subgregaria, $\frac{1}{3}$ mm. d.; asci 65-75 \times 10-12; sporidia 12-14 \times 4-6.

Species non examinatae, dubiae, vel e genere amovendae ⁽¹⁾.

Ceratosphaeria rostrata (Kickx) Sacc. Non vidi; *C. fuscella* (Karst.) Sacc. *C. cinerea* (Quel.) Sacc. et *C. Sarawacensis* (Ces.) Sacc. Non vidi. *C. rhenana* (Auersw.) Berl. *C. mycophila* W. id. *C. microdoma* E. et C. est *Rhynchosphaeria*.

Clavis analytica generum Sphaeriacearum Phaeophragmatarum.

I. Simplices.

A Cortice tectae vel demum erumpentes.

§ Perithecia pariete crassa praedita

Sporidia halone mucoso cincta, magna

Massaria

§§ Perithecia membranacea

† Perithecia clypeo stromatico destituta

a Perithecia non pilosa neque byssidea

Sporidia mutica, concoloria vel polis raro vix pallidioribus **Leptosphaeria**.

Sporidia mutica, polis hyalinis, halone mucoso cincta **Chitonospora**.

Sporidia mutica, halone mucoso destituta, loculis extimis

hyalinis

Passeriniella.

Sporidia utrinque acute appendiculigera

Ceriospora.

Sporidia tantum basi appendiculigera

Rebentischia.

Sporidia articulo medio intensius colorato, caeteris valde crassiore **Heptameria**

(1) Genus *Ceratosphaeria*, potius inter *Sphaeriaceas* *Hyalophragmias* est censendum et ab eo separandae *C. aeruginosa* et *C. microdoma* quae aptius in genere *Rhynchosphaeria* transferendae sunt.

Sporidia 16 in quoque asco, apice connexa	Leptosphaerlopsis.
aa Perithecia pilosa	Pocosphaeria.
Sporidia ut in <i>Leptosphaeria</i>	
†† Perithecia clypeo stromatico tecta	Clypeosphaeria.
Sporidia septis plerumque imperfectis	
AA Superficiales vel subsuperficiales	
§ Pilosae vel byssisae	Chaetomastia.
Perithecia potius pilosa, sporidiis concoloribus	
Perithecia potius byssiseta, sporidia (saltem typice) polis	
pallidioribus	Chaetosphaeria.
§§ Glabrae	
† Phytophilae	
a Perithecia levia, crostrata	
* Sporidia in articulos biloculares secedentia	Ohleria.
** Sporidia non secedentia	
Sporidia parvula vel maiuscula plus minusve fusoidea	Melanomma.
Sporidia maxima, distincte biconoidea, inaequilateralia	Caryospora.
aa Perithecia plus minusve sulcata, crostrata	
Sporidia navicularia	Stuartella.
aaa Perithecia levia, rostrata	Rhynchosphaeria.
†† Fimicolae	
Perithecia saepe minuta; sporidia in articulos secedentia, opaca	Sporormia.
II Caespitoso-erumpentes	
Perithecia stromate incidentia (ut in <i>Cucurbitaria</i>)	Gibberidea.
III Compositae, stromaticae	
§ Stroma effusum, eutypeum	
Perithecia ligno immersa, collo plus minusve elongato	Kalmusia.
§§ Stroma valsiforme, innatum	
† Perithecia non furfuracea	
Asci plerumque octospori, numquam monospori	Pseudovalsa.
Asci monospori; sporidia maxima	Titania.
†† Perithecia furfuracea	
Asci octospori	Thyridaria.
\$\$\$ Stroma pulvinatum, emergens	
Perithecia in stromate subperipherica, plus minusve prominula	Melogramma.

Sec. **Hyalophragmiae** Sacc. Syll. Pyr. II, p. 152.

Simplices vel compositae. Sporidia oblonga vel fusoidea, pluriseptata, hyalina, nunquam muriformia.

Cryptoderis Auersw. Myc. Eur. Pyr. p. 29. Sacc. Syll. Pyr. II, p. 229. Wint. Pilze II, p. 590.

Perithecia innata, rostro laterali longo instructa, membranacea. Asci octospori. Sporidia transverse septata, ad septum medium secedentia, ita ut ascus sporidiis 16 repletus videatur.

Cryptoderis lamprotheca (Desm.) Auersw. Myc. Eur. Pyr. p. 29, tab. III., fig. 30 et tab. XI, fig. 150. Sacc. Syll. Pyr. II, p. 229. Winter Pilze II, p. 572 et 591. *Sphaeria lampr.* Desm. Ann. Sc. Nat. III, Sér. Vom. XVI, p. 315. *Sphaeria cryptoderis* Lév. Ann. sc. Nat. III Ser. tom. IX, p. 144. *Dothidea populina* West. Ill. Not. n. 7 *Pleuroceras ciliatum* Riess in Hedw. I, Band. p. 25 tab. VI, fig. 5. Rab. Herb. Myc. Ed. II, n. 746. *Linospora candida* Fuck. Symb. p. 123.

Hab. in foliis delapsis, putrescentibus, Populi albae in « Gallia, Germania et Belgio » (**Tab. LXXXIV, fig. 3.** — Ex specim. in Rab. l. c. a cl. Piotta benevole comm.).

Perithecia 200-250 μ . diam., membranacea, sparsa; asci 90-110 \times 8-9; sporidia 38-44 \times $2\frac{1}{2}$ - $3\frac{1}{2}$.

Sporidia mox ad sepimentum primarium scissa et tum 16 in quoque asco.

Species e genere amovendae vel non examinatae.

Cryptoderis Chamaemori (Fr.) Sacc. est novi generis (*Gnomoniopsis* Berl.) typus. *C. oligotheca* St. et Grev. Non vidi.

Gnomoniopsis Berl. nov. genus.

Perithecia innata, rostro longiusculo praedita, membranacea. Asci octospori. Sporidia fusoideo-elongata, transverse septata, articulis non secedentibus.

Gnomoniopsis Chamaemori (Fr.) Berl. *Cryptoderis Chamaemori* Sacc. Syll. Pyr. II, p. 230. *Sphaeria Chamaemori* Fr. Syst. Myc. II, p. 519. *Gnomonia Cham.* Niessl in Oest. Bot. Zeitschr. 1875, p. 48, Karsten Myc. Fenn. II, p. 123, Winter Pilze II p. 588 *Gnomonia riparia* Niessl N. Kern. p. 47, Winter l. c. *Cryptoderis riparia* Sacc. l. c.

Hab. ad nervos primarios et petiolis Rubi Chamaemori, R. corylifolii, et R. fruticosi et in caulis siccis Epilobii hirsuti in « Lapponia, Fennia, Germania, Italia et Austria » (**Tab. LXXXV fig. 1.** — Ex specim. Niessleanis in Herb. Sacc.).

Perithecia $\frac{1}{3}$ mm d.; asci 28-35 \approx 6-7; sporidia 16-18 \approx $2\frac{1}{2}$ - $3\frac{1}{2}$ (sine app.).

Gnomoniopsis Chamaemori var. **misella** (Niessl) Berl. *Gnomonia misella* Niessl Neue Kern. p. 48. Winter Pilze II, p. 588. *Cryptoderis misella* Sacc. Syll. II, p. 230.

Hab. in caulibus siccis Hyperici perforati, prope « Gratz Styriae » A typus vix differt peritheciis depresso, ostiolo conico, brevi, sporidiisque paulo minoribus (Ex specim. orig.).

WINTERELLA Berl. n. gen.

Perithecia gregaria, superficialia, tuberculigera. Asci octospori. Sporidia, ut videtur, demum pluriseptata.

Species unica, et genuina, est *Winterella tuberculigera*. Genus vero *Zignoellae* valde affine sed satis distinctum.

Genus *Winteria* est hyalodictya, et in familia « *Dictyosporae* » pro *Winterina*, quod posterius est, (cum speciebus *W. crustosa*, *W. rhoina*, *W. coerulea*, *W. viridis*, *W. lichenoides*) locandum.

Winterella tuberculigera (Ell. et Ev.) Berl. *Winteria tuberculigera* Ell. et Ev. Prooc. Phil. 1890, p. 240, et N. Am. Pyr. p. 212. Sacc. Suppl. Syll. Pars. I, p. 870.

Hab. in cortice Prunorum « London, Canada Am. bor. » (Tab. LXXXV, fig. 2. — Ex specim. orig. a cl. Ellis benevole comm.).

Perithecia gregaria, $\frac{1}{3}$ mm d., rugoso-tuberculigera, superficialia; asci 32-36 \approx 8-9; sporidia 6-8 \approx $2\frac{1}{2}$; an demum triseptata?

Species e genere excludendae vel non examinatae.

Winteria excellens Rehm est *Discomyces*. *W. ordinata* (Fr.) Sacc. Non vidi. *W. culmigena* Karst. est *Gibberella Saubinetti* sec. specim. orig.

ZIGNOELLA Sacc. Mich. I, p. 346. Syll. Pyr. II, p. 214.

Perithecia levia, subsuperficialia, ligni-corticola, carbonacea. Asci octospori. Sporidia plus minusve elongata, pluriseptata.

Est *Melanomma hyalosporum*.

Zignoella pygmaea (Karst.) Sacc. Mich. I, p. 346. *Sphaeria pygmaea* Karst. Myc. Fenn. II, p. 93, Rev. atque Syn. Asc. Fenn. p. 51. Rehm asc. n. 889.

Hab. in ligno vetusto Hyppophæs rhamnoidis et Alni prope « Wasa et Mustiala Fenniae » nec non in « Germania » (Tab. LXXXV fig. 3. — Ex specim. Rehmianis).

Perithecia gregaria, $\frac{1}{5}$ mm. d.; asci 45-50 \approx 4-5; sporidia 6-8 \approx 2-3.

Vix *Zignoella* aptius *Melanopsamma*.

Zignoella groenendalensis Sacc. Bomm. et Rouss. in Sacc. Misc. Myc. I, p. 17 et Suppl. I, Syll., p. 866. et Florul. p. 203.

Hab. in ligno fagineo putri « Groenendael » prope « Bruxelles in Belgio ». (Tab. LXXXV fig. 4. — Ex spec. orig. a cl. Sacc. benevole comm.).

Perithecia gregaria vel hic inde sparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 85-95 = 6-7; sporidia 12 = 5. senescendo spurie 1-septata.

Zignoella obliqua Rom. F. aliq. Suec. p. 24. Sacc. Supp. I, Syll. p. 868.

Hab. in cortice emortuo Salicis « Upsaliae, Sueciae » (Tab. LXXXV fig. 5. — Ex specim. orig. in Herb. Sacc.).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 80 100 = 79; sporidia 30-32 = 4.

Sporidiorum forma ad *Z. Archerii* et *Z. rhodobapham* appropinquatur.

Zignoella? rhodobapha (B. et Br.) Sacc. Syll. Pyr. II, p. 221. *Sphaeria rhodobapha* B. et Br. Brit. Fungi n 1334. tab. XXXI fig. 29.

Hab. in ramis decorticatis, roseo-maculatis in « Britannia » (Tab. LXXXVI, fig. 1. — Ex spec. orig. a cl. Cooke benevole communicatis).

Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci... non visi; sporidia 16 20 = 4-5. Si macularum ramorum fungillus causa sit, mihi valde dubium. Ascus non vidi. Species omnibus characteribus *Sphaeropsidearum* gaudet sed eam hic retuli fide cl. Berkeley.

Zignoella Archerii (Berk.), Sacc. Syll. Pyr. II, p. 216. *Sphaeria Archerii* Berk. F. Tasm. II, 280.

Hab. in ligno putrescente in « Tasmania ». (Tab. LXXXVI, fig. 2. — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia conferta, stromate planiusculo, elevato, atro, inserta, $\frac{1}{3}$ mm. d.; asci 70-80 = 8-11; sporidia 20-25 = 4-5, hyalina, 1-septata. demum (an senescendo?) fuliginea, sed numquam (saltem in specimine observato) 3-septata. An novi generis typus.).

Zignoella? latericolla (Berk.) Sacc. Syll. II, p. 222. *Sphaeria latericolla* Berk. North Am. Fungi p. 181 nec. De Cand.

Hab. in lignis in « Carolina inf. et Pensylvania Am. bor. » (Tab. LXXXVI, fig. 3. — Ex specim. orig. a cl. Cooke benevole communic.).

Perithecia $\frac{1}{4}$ mm. d., gregaria; asci.... non visi; sporidia 25-30 = 10 12. Species in genere valde incerta. Ostiola vix lateralia.

Zignoella exigua (C. et P.) Sacc. Syll. II, p. 215. Ell. et Ev. N. Am. Pyr. p. 187. *Sphaeria exigua* C. et P. 30 Rep. St. Mus.

Hab. in ligno putri dejecto « Ricfield Springs Amer. bor. » (Tab. LXXXVI, fig. 4. — Ex spec. orig. a cl. Cooke benevole comm.).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 45-50 = 10-12; sporidia 16-18 = 6-7.5.

Semper sporidia didyma observavi, rarius plasmate irregulariter 2-4 partito Aptius ad *Melanopsamma* transferenda, certe vix et aeque *Zignoella*.

Zignoella seriata (Curr.) Sacc. Syll. Pyr. II, p. 220 *Sphaeria seriata* Curr. Linn. Trans. XXII, pag. 329 tabella 59 figura 121 *Sphaeria pusilla* Cooke Handb. n. 2668.

*Hab. in lignis denudatis in « Britannia » (Tab. LXXXVI, fig. 5. — Ex specim. *Sph. pusillae* a cl. Cooke benev. comm.).*

Perithecia seriata, $\frac{1}{5}$ mm. d.; asci 60-75 \times 6-8; sporidia 16-18 \times 3.

Zignoella Campi-Sili Sacc. Mich. II, p. 346 Syll. Pyr. II, p. 219, *Melanomma Campi-Sili* Sacc. Fungi It. tab. 296. Mich. I, p. 449.

Hab. in ligno denudato duriore fagineo « Cansiglio, Treviso, Ital. bor. » (Tab. LXXXVII, fig. 1. — Ex specim. orig. a cl. Saccardo benevole comm.).

Perithecia gregaria, $\frac{1}{5}$ mm. d., asci 90-100 \times 6-8; sporidia 12-15 \times 4-4 $\frac{1}{2}$.

Zignoella segregata (B. et C.) Sacc. Syll. Pyr. II, p. 219 *Sphaeria segregata* B. et B. North Am. Fungi n. 903.

Hab. in ligno putri « Carolina Am. bor. » (Tab. LXXXVII, fig. 2. — Ex spec. orig. a cl. Cooke benevole comm.).

Perithecia subgregaria, $\frac{1}{5}$ mm. d.; asci 60-70 \times 6-8; sporidia 12-15 \times 4.

Videtur formam evolutiorem *Zign. Campi-Sili*.

Zignoella punctiformis Sacc. et Th. Mich. II, p. 320 Syll. Pyr. II, p. 215.

Hab. in cortice interiore Populi « Lyon Galliae » (Tab. LXXXVII, fig. 3. — Ex spec. orig. in Herb. Sacc.).

Perithecia dense gregaria, 100-120 μ . diam.; asci 70-80 \times 15-17; sporidia 17-19 \times 7-8. Merito prope *Zign. ovoideam* var. *Rumsalensem* posita.

Zignoella oblitterans (B. et Br.) Berl. *Sphaeria oblitterans* B. et Br. Brit. Fungi n. 890, tab. 11, fig. 54. *Melanomma oblitterans* Sacc. Syll. Pyr. II, p. 101.

Hab. in ramis decorticatis pineis « Batheaston Britanniae » Tab. XCVI, fig. 3. — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia sparsa, semiinfossa, $\frac{1}{3}$ mm. d.; asci 70-80 \times 10-12; sporidia 18-22 \times 5-6.

Zignoella herbana Pass. Funghi Nuovi IV, n. 23. Sacc. Suppl. Tot. Syll. I, pag. 861.

Hab. in cortice vetusto Oleae prope « Orvieto Italiae » (Tab. XCVI, fig. 1. — Ex specim. orig. a cl. Passerini benevole comm.).

Perithecia subsparsa, $\frac{1}{4}$ mm. d.; asci 50-60 \times 10; sporidia 16-18 \times 5-6.

Zignoella crustacea (Karst.) Sacc. Syll. Pyr. II, p. 220. *Sphaeria crustacea* Karsten Myc. Fenn. II, p. 95. Rev. Asc. Fenn. p. 51.

Hab. in ligno Pini silvestris vetusto in « Fennia » (Tab. LXXXVII, fig. 4. — Ex spec. orig. a cl. Karsten benevole communic.).

Perithecia crustacee conferta, $\frac{1}{8}$ - $\frac{1}{7}$ mm. d.; asci 55-65 \times 7-8; sporidia 20-22 \times 3-4.

Zignoella translucens Karst. in Hedw. 1888, Sacc. Suppl. I, Syll. p. 864.

Hab. in ligno Piceae excelsae prope « Vasam Fenniae » (Tab. LXXXVII, fig. 5. — Ex specim. orig. a cl. Karsten benevole comm.).

Perithecia $\frac{1}{7}$ - $\frac{1}{8}$ mm. d.; asci 50-60 \times 10-12; sporidia 17-19 \times 5.

Affinis *Z. punctiformi*.

Zignoella Maingayi (Cooke) Sacc. Syll. Pyr. II, p. 224. *Conisphaeria Main-gayi* Cooke in Grev. XI, p. 76.

Hab. in cortice prope « Shanghai Sinarum » (Tab. LXXXVII, fig. 6. — Ex spec. orig. a cl. Cooke benevole comm.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 95-105 \times 10-12; sporidia 22-25 \times 4-5.

Vix *Zignoella*. An aptius *Metasphaeria*?

Zignoella soluta (C. et Ell.) Sacc. Syll. Pyr. II, p. 216. *Sphaeria soluta* C. et E. in Grev. V, p. 54, tab. 80, fig. 16.

Hab. in asseribus pineis « New Jersey Am. bor. » (Tab. LXXXVIII, fig. 1. — Ex spec. orig. a cl. Cooke benevole comm.).

Perithecia sparsa, saepe ostiolo crasso, cylindraceo, fere lophiostomaceo in-structa, $\frac{1}{4}$ mm. d.; asci, jam fere resorpti, 80 \approx 17; sporidia 17-20 \approx 6-7. Sec. Ell. et. Ev. (N. Am. Pyr. p. 186) est var. *Z. diaphanae*. Certe ei valde affinis et verisimiliter haud separanda.

Zignoella prorumpens (Rehm) Sacc. Syll. Pyr. II, p. 223 *Trematosphaeria prorumpens* Rehm Asc. n. 480.

Hab. ad asseres pineos prope « Augsburg Germaniae » (Tab. LXXXVIII, fig. 2. — Ex specim. orig. in Rehm l. c.).

Perithecia subsparsa, $\frac{1}{3}$ mm. d.; asci 130-140 \approx 7-8; sporidia 18-20 \times 5-6.

Zignoella eutypoides Sacc. Mich. II, p. 248. Syll. Pyr. II, p. 216.

Hab. in truncis ramisque Rosae emortuis in « Monte Cimon Ital. bor. » (Tab. LXXXVIII, fig. 3. — Ex spec. orig. a cl. Saccardo benevole comm.).

Perithecia gregaria, basi ligno insculpta, vel crusta stromatica, ad *Eutypae* instar, tecta, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 100-110 \approx 6-7; sporidia 18-20 \times 3- $\frac{1}{2}$.

Ascis et sporidia tantum inveni in perith. crista stromatica tectis, dum perith. subsuperficialia gregaria, ostiolo longiusculo praedita, semper sterilia inveni. Speciem fide summi Magistri mei retuli. Si perithecia gregaria ab iis stromate tectis aliena sunt, species certe a genere removenda. An duae species?

Zignoella minutissima (Karst.) Sacc. Syll. Add. II, p. LXII et Suppl. I, pag. 865 Karst. Rev. Asc. Fenn. p. 41, *Sphaeria minutissima* Karst. in Hedw. 1883. pag. 41.

Hab. in ligno vetusto ad « Aboam Fenniae » (Tab. LXXXIX, fig. 1. — Ex specim. orig. a cl. Karsten benevole comm.).

Perithecia sparsa, $\frac{1}{7}$ - $\frac{1}{9}$ mm. d.; asci 55-65 \approx 9-11; sporidia 16-19 \times 4-5.

Affinis *Zign. transluc.* quae huius fere varietas habenda.

Zignoella pachyspora Sacc. Bomm. et Rouss. in Bull. Soc. Bot. R. Belg. 1886, p. 173, Sacc. Syll. Suppl. I, p. 866.

Hab. in ligno Populi submerso « Jenk in Belgio » (Tab. LXXXIX, fig. 2. — Ex specim. orig. a cl. Sacc. benevole comm.).

Perithecia dense gregaria, $\frac{1}{3}$ mm. d.; asci 150-160 \approx 10-11; sporidia 20-25 \approx 8.

Zignoella diaphana (C. et Ell.) Sacc. Syll. Pyr. II, p. 221. Ell. et Ev. N. Am. Pyr. p. 187. *Sphaeria diaphana* C. et E. Grev. V. p. 53, tab. 80, fig. 15.

Hab. in ramis decorticatis « New Jersey Am. bor. » (Tab. LXXXIX, fig. 3). — Ex specim. orig. a cl. Cooke et Ellis benevole comm.).

Perithecia subsparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 85-95 \times 12-14; sporidia 18-20 \times 6-7.

Zignoella jurana Sacc. et Berl. Misc. Myc. II, p. 19, tab. X fig. 25. Sacc. Add. Syll. Pyr. I, p. 860.

Hab. in ligno indurato Lonicerae in monte « Iura Helvetiae » (Tab. LXXXIX fig. 4). — Ex spec. orig. in Herb. Sacc.).

Perithecia subsparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 60-70 \times 10-12; sporidia 16-18 \times 4-5. Affinis *Z. diaphanae*.

Zignoella immersa Karst. Symb. Myc. Fenn. XXVI, p. 29 Sacc. Suppl. I, Syll. p. 864.

Hab. in assere pineo fabrefacto intemperiis exposito « Mustiala Fenniae » (Tab. XC fig. 1). — Ex specim. orig. a cl. Karsten benevole comm.).

Perithecia gregaria vel vix sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 150-160 \times 18-20; sporidia 34-36 \times 6-7. Affinis *Z. nitidulae* et *Z. fallaci*, a quibus praecipue magnitudine sporidiorum differt.

Zignoella sequanica Sacc. et Malbr. Fungi Gall. Ser. V. n. 2169, Suppl. Syll. I, p. 862.

Hab. in ramis decorticatis emortuis, dejectis Salicis ad ripas « Sequanae » prope « Rouen Galliae » (Tab. XC, fig. 2). — Ex spec. orig. a cl. Sacc. benevole comm.).

Perithecia vix gregaria, $\frac{1}{3}$ et fere $\frac{1}{2}$ mm. d.; asci 140-160 \times 16-18; sporidia 34-36 \times 9-11. Affinis *Z. fallaci* sed major. An sporidia demum 5-septata? A *Z. rhodobapha* longe distat.

Zignoella Morthieri (Fuck.) Sacc. Mich. I, p. 347. Syll. Pyr. II, p. 222. *Trematosph. Morthieri* Fuck. Symb. Myc. App. I, p. 306. Winter Die Pilze II, p. 263, Rehm Asc. n. 87. Thuem. Myc. Un. n. 167. *Tremat. Picastra* Fuck. Symb. Myc. p. 162 nec. Fries. *Zign. albocincta* Sacc. Syll. I. c. 224, *Sphaeria albocincta* C. et Ell. Grev. VII, p. 9.

Hab. in ligno exsiccatu subputri Pini in « Iura Helvetiae » et in « Germania et Am. bor. » (Tab. XC, fig. 3). — Ex spec. orig. in Thuem. I. c.).

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 65-75 \times 15-16; sporidia 24-27 \times 7-8. Affinis *Z. diaphanae*.

Zignoella ovoidea (Fr.) Sacc. Mich. I, p. 346, Syll. Pyr. II, p. 215. Karst. Rev. Asc. Fenn. p. 41. *Melanomma ovoid*. Winter Die Pilze II, p. 246. Fuck. Symb. p. 59. *Sphaeria ovoid*. Fries Syst. II, p. 459. *Sphaeria pulviscula* Curr. Simpl. Sphaer. p. 320, tab. 58, fig. 52. *Melanomma pulviscula* Sacc. Myc. Ven. Spec. p. 114, tab. XI, fig. 33-36. Winter Pilze II, p. 244. *Zignoella Pulv.* Sacc.

Syll. I. c. p. 214. Ell. et Ev. N. Am. Pyr. p. 186. Brun. Contr. Fl. Myc. Ouest, Pyr. p. 190. Bomm. et Rouss. Fl. p. 203.

Hab. supra lignum corticemque Quercus Coryli et Betulae in « Fennia australi, Suecia, Gallia, Germania, Britannia, Belgio et Amer. bor. » (**Tab. XCII, fig. 1.**) — Ex specim. in Rehm. Asc. n. 639, sub *Melanomma*, cum originalibus *Zign. pulvisculae* et *Z. cariosae* comp.).

Perithecia dense gregaria, $\frac{1}{3}$ mm. d.; asci 90-100 \times 9-12; sporidia 25-28 \times 4-5, primo biconoidea dein triseptata in massa pallidule viridula.

Zign. ovoidea var. **Runsalensis** Karst. Symb. Myc. Fenn. XIII, p. 6. Rev. atque Syn. Asc. Fenn. p. 41.

Hab. in ligno quercino sicco in « Rungsal » Fenniae. (**Tab. XCII, fig. 2.**) — Ex spec. orig. a claro Karsten benevole comm.).

Perithecia gregaria, minuta, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 45-55 \times 8-10; sporidia 14-18 \times 4-5. A typo profunde differt et potius species. *Z. punctiformi* affinis.

Zignoella Mori (Fab.) Sacc. Suppl. Syll. Pyr. I, pag. 862. Berlese Fungi Mor. tab. 28, fig. 7-11. *Trematosphaeria Mori* Fabre Spher. Vaucl. II, p. 53, fig. 28.

Hab. ad lignum subputrem et cavum Mori albae « Vaucluse, Galliae » (**Tab. XCVI, fig. 2.**) — Ex specim. orig. a cl. Fabre benevole comm.).

Perithecia gregaria, irregulare, poro minutissimo pertusa, dein rima plus minus elongatâ aperta, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 100-110 \times 10-12; sporidia 25-28 \times 5-6.

Zignoella macrasca Sacc. Mich. II, p. 138, Syll. Pyr. II, p. 223. Ell. et Ev. N. Am. Pyr. p. 188.

Hab. in ligno corrupto in « Carolina Amer. bor. » (**Tab. XCII, fig. 3.**) — Ex specim. orig. a cl. Saccardo benevole comm.).

Perithecia $\frac{1}{2}$ mm. d.; subsparsa; asci 200 \times 10; sporidia 30 \times 6.

Zignoella atrella (C. et Ell.) Sacc. Syll. Pyr. II, p. 215, *Sphaeria atricella* C. et E. in Grev. VI, p. 94, tab. 100, fig. 29.

Hab. in ligno subputri Aceris « New Jersey Americae boreal. » (**Tab. XCII, fig. 1.**) — Ex spec. orig. a cl. Cooke benev. comm.).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 135-145 \times 10-12; sporidia 26-32 \times 5-6.

Zignoella nitidula Sacc. Mich. II, p. 139. Syll. Pyr. Vol. II, p. 220 et in Thuem. Fungi Sib. n. 759.

Hab. in cortice levi Betulae verrucosae « Minussink Sibiriae asiaticae » (**Tab. XCII fig. 2.**) — Ex spec. orig. a cl. Sacc. benevole comm.).

Perithecia gregaria vel subsparsa, $\frac{1}{5}$ mm. d.; asci 60-70 \times 12-14; sporidia 22-24 \times 4.

Valde affinis *Z. fallaci* cuius aptius ut varietas habenda.

Zignoella Hanburiana Penz. et Sacc. Funghi Mort. p. 6. tab. IV, fig. 1, Sacc. Syll. Suppl. p. 861.

Hab. in ligno vetusto Oleae sativae « Mortola Ital. bor. » (Tab. XCII, fig. 3.
— Ex spec. orig. a cl. Sacc. benevole comm.).

Perithecia sparsa, $\frac{1}{3}$ et fere $\frac{1}{2}$ mm. d.; asci 120-130 \times 15-20; sporidia 32-35 \times 8-10.

Zignoella collabens (Curr.) Sacc. Syll. Pyr. II, p. 221. *Sphaeria collabens* Curr. Linn. Trans. XXII p. 320 tab. 58, fig. 51.

Hab. in corticibus et lignis in « Britannia » (Tab. XCIII, fig. 1. — Ex spec. orig. a cl. Cooke benevole comm.).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 120-130 \times 12-15; sporidia 40-45 \times 5-7.

Zignoella fallax Sacc. Syll. Pyr. II, p. 218. *Melanomma fallax* Sacc. Mich. I, p. 41, Fungi It. tab. 298.

Hab. in ligno denudato quercino « Selva, Treviso Ital. bor. » (Tab. XCIII, fig. 2. — Ex spec. orig. a cl. Saccardo benev. comm.).

Perithecia laxe gregaria, $\frac{1}{3}$ mm. d.; asci 100-110 \times 9-11; sporidia 20-25 \times 5-7 $\frac{1}{2}$.

Zignoella dolichospora Sacc. Mich. I, p. 401, Fungi It. tab. 342, Syll. Pyr. II, p. 218.

Hab. in ligno caeso quercino « Montello Ital. bor. » (Tab. XCIII fig. 3. — Ex spec. orig. a cl. Saccardo benevole comm.).

Perithecia dense gregaria, $\frac{1}{5}$ mm. d.; asci 100-110 \times 12-14; sporidia 26-32 \times 5-6.

In specim. examinatis sporidia semper 5-septata observavi.

Zignoella macrospora Sacc. Mich. I, p. 346, Syll. Pyr. II, p. 221. *Melanomma macrosporum* Sacc. Mich. I, p. 449, Fungi It. tab. 300.

Hab. in ligno decorticato fagineo in silva « Cansiglio It. bor. » (Tab. XCIV, fig. 1. — Ex spec. orig. a cl. Sacc. benevole comm.).

Perithecia subgregaria, $\frac{1}{5}$ mm. d.; asci 100-110 \times 7-9; sporidia 36-40 \times 2 $\frac{1}{2}$ -3.

Zignoella nematasca S. et S. Mich. I, p. 401, Sacc. F. it. t. 343 Syll. Pyr. II, p. 224.

Hab. in ramulis decorticatis Fraxini Orni in « Euganeis Ital. bor. » (Tab. XCIV, fig. 2. — Ex spec. orig. a cl. Sacc. benevole comm.).

*Perithecia sparsa, $\frac{1}{3}$ mm. d., semiimmersa; asci 150-170 \times 9-10; sporidia 30-33 \times 6-7. An potius *Saccardella*?*

Zignoella populina Br. et Har. Rev. Myc. 1891, p. 16. Sacc. Suppl. Syll. Pars I, p. 868.

Hab. in cortice Populi « Mery-sur-Seine, Aube, Galliae » (Tab. XCV, fig. 1.

— Ex spec. orig. a cl. Hariot benevole comm.).

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 90-100 \times 16-19; sporidia 36-40 \times 8-9, perfecte hyalina.

Zignoella corticola (Fuck.) Sacc. Syll. Pyr. II, p. 222. *Trematosphaeria corticola* Fuck. Symb. Myc. p. 162, F. rhen. n. 2528 Winter Pilze II, p. 276.

Hab. in corticibus Ulmi campestris et Salicis fragilis in « Rhenogovia » (Tab. XCV, fig. 2. — Ex spec. orig. in Fuck. Fungi rhen. I. c. editis et a cl. Briosi benevole comm.).

Perithecia gregaria, plerumque semiimmersa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d., carbonacea; asci 105-120 \approx 16-18; sporidia 32-35 \approx 6-8, primo binucleata, dein triseptata.

Zignoella scalaris (Dur. et Mont.) Berl. *Sphaeria scalaris* Dr. et M. Crypt. n. 835, et Fl. Alg. I. p. 510. *Metasphaeria scalaris* Sacc. Syll. Pyr. II. p. 168.

Hab. in ramis Oleae europeae « Alger » (Tab. XCVII, fig. 1. — Ex spec. orig. a cl. Hariot Musaei Parisiensis benevole comm.).

Perithecia sparsa vel vix gregaria, usque fere 1 mm. d., contextu carbonaceo, crasso; asci perfecte cylindracei, 240-260 \approx 10; sporidia monosticha 30-33 \approx 8. Aptius *Saccardoella*?

Zignoella Astrocaryi (Cooke) Sacc. Syll. Pyr. II. p. 218. *Sphaeria Astro. Cooke* Some Extraeur. Fungi in Grev. VII, p. 15.

Hab. in petiolis Astrocaryi in « Brasilia » (Tab. XCVIII, fig. 1. — Ex spec. orig. a cl. Cooke benevole comm.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 90-100 \approx 15-17; sporidia 58-63 \approx 6-7. Perithecia basi piligera. An *Lasiosphaeria*?

Species non examinatae, dubiae vel e genere amovendae

Zign. conica (Fuck) Sacc. Non vidi. Z. aterrima (Fuck.) Sacc. id. Z. inflata (Ellis) Sacc. est *Winteria* Z. funicola (Ell.) Sacc. est *Pleospora* hyalospora. Z. rhitudodes (B. et Br.) Sacc. est *Melanomma* nam sporidia sunt lutea. Z. incerta Speg. Non vidi. Z. Proteus (B. et C.) Sacc. In specimin. orig. a cl. Cooke et cl. Hariot benevole missis stromata *Hypoxylaceam* quamdam immaturam indicant, dum perithecia cupulata ad Lichenem dictyosporum pertinent. Z. papillata (Fuck.) Sacc. Non vidi Z. ostioloidea (Cooke) Sacc. specim. orig. sterilia. Z. paecilostoma (B. et Br.) Sacc. est *Lophiotrema praemorsum*. Z. populicola (Cr.) Sacc. Non vidi, mihi valde dubia. Z. tingens (Ces.) Sacc. Non vidi. Z. verrucarioides (Cr.) Sacc. mihi valde dubia. Z. cryptarum (Fuck.) Sacc. Non vidi. Z. emergens (Karst.) Sacc. Specim. orig. sterilia. Z. Sequoiae (Peck.) Sacc. Non vidi. Z. transylvanica Rehm Potius *Saccardoella*. Z. Dubyi (D. Not.) Non vidi Z. insculpta (Fr.) Sacc. specim. a cl. Oudemans benevole communic. sterilia inveni. Zignoella Mülleri (Duby) Berl. (*Lept. Mull.* Sacc. Syll. II. p. 39). Specimina origin. natura perith. certe ad Zign. spectant, sed haud rite matura observavi. Species quare mihi incerta videtur. Z. Haynaldii Sc. et S. non vidi. Z. ramenticola Sch. et S. id. Z. Ebuli Malbr. et Brun. est *Lophiotr. praemorsum*, ex specim. orig. Z. Bizzozeriana Cocc. et Mor. est *Giberella pulicaris*. Z. salicicola Fabr. non vidi. Z. longispora Speg. id. Z. leptospora Sp. id. Z. patagonica Speg. id. Z. australis Speg. id. Z. adjuncta Pass. est *Melanomma Pulvis-pyrius*. Sporidia sunt fuscidula, ad septa constricta, loculis mediis obscurioribus, Z. Oudemansi Karst. Specim. orig. sterilia. Z. paraguayensis Speg. Perithecia

contextu molli amoene coeruleo-virescenti, *Nectriaceam* indicant. *Z. intermedia* Pass. non vidi *Z. Vincentii* Cooke in specim. orig. asci et sporidia jam destructa, sed perithecia sunt distincte lophiostomacea. *Z. ignobilis* (Karst.) Sacc. specimina originalia fungillum immaturum indicant. *Z. hysteroides* est *Lophiotrema aff. L. praemorsa* *Z. Matthiolae* Cooke. Ex specim. orig. nihil eruere portui. *Z. subcorticalis* Cooke Non vidi. *Z. sociabilis* Sch. et S. id. *Z. dealbata* Cooke id. *Z. megalospora* (Fab.) Sacc. id. *Z. Britzelmayri* Sacc. id. *Z. subvestita* (E. et E.) Berl. id. *Z. fuegiana* Speg. id. *Z. quercreti* Cooke id. *Z. antarctica* Speg. id. *Z. australis* Cooke id.

SACCARDOELLA Sacc. Mich. I, p. 461. Syll. Pyr. II, p. 190.

Perithecia carbonacea, immersa. Asci octospori. Sporidia plures septata, subinde appendiculigera.

Saccardoella transylvanica (Rehm) Berl. *Zignoella transylvanica* Rehm Ascom. Lojk. n. 46. p. 47; Sacc. Syll. Pyr. II, p. 225.

Hab. ad ramum exsiccatum Syringae vulgaris prope « Petrella Transylvaniae » (Tab. XCIV, fig. 2. — Ex specim. orig. a cl. Rehm benevole communicato.).

Perithecia sparsa, ligno immersa, fere 1 mm. diam.; asci 260-300 × 12, sporidia 45-50 × 8-9, mutica. A *Zignoëllis* differt peritheciis ligno immersis.

Saccardoella montellica Speg. Mich. I, p. 461. Sacc. Fungi It. tab. 630, Syll. Pyr. II, p. 191.

Hab. ad corticem velustum Quercum in sylva « Montello, Ital. bor. » (Tab. XCIX, fig. 1. — Specim. non vidi. Adumbratio ex Sacc. Fungi it. l. c. decerpsi).

Perithecia $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 400-450 × 14-15; sporidia 100-115 × 12, utrinque setulâ 10-15 × 1 coronata, 20-30-septata.

Saccardoellam canadensem examinare nequivi.

ACANTHOSTIGMA De Not. Sfer. it. p. 85. Sacc. Syll. Pyr. II, p. 207. Winter Pilze II, p. 202.

Perithecia libera, sphaeroideo-conoidea, setulis plus minus numerosis vestita. Asci octospori. Sporidia elongata vel fusoidea, 2 plurilocularia.

Species plerumque lignicolae, sed etiam nonnullae cauli-foliicolae.

Acanthostigma Peltigeræ (Fuck.) Winter Die Pilze II, p. 203. *Trichosphaeria Peltigeræ* Fuck. Symb. Nachtr. II, p. 25. Fungi rhen. n. 2531. *Enchrosphaeria Peltigeræ* Sacc. Syll. Pyr. II, p. 207.

Hab. in thallo decolorato vivo Peltigeræ caninae in « Jura Helvetiae » (Tab. XCIX, fig. 2. — Ex specim. orig. in Fuck. l. c. a cl. Briosi benevole communicatis.)

Perithecia sparsa, minuta $\frac{1}{6}$ - $\frac{1}{4}$ mm. d., superne saepe breviter setigera; asci 70-80 × 15-18; sporidia 17-20 × 6-7, hyalina.

Acanthostigma fennicum (Karst.) Berl. *Lasiosphaeria Britzelmayri* var. *fennica* Karst. in Rev. Myc. 1887, p. 160. Sacc. Suppl. Syll. Pars I, p. 852.

Hab. in cortice putri Betulae in prato mustialensi « Myllyperä Fenniae »
(Tab. XCIX, fig. 3.) — Ex specim. orig. a cl. Karsten benevole communicatis.

Perithecia subsparsa, $\frac{1}{3}$ mm. d., parcissime setigera; asci 110-120 \approx 6-8; sporidia 30-34 \times 4-5. Certe valde affine *Lasiosph. Britzelm.* quae verisimillime est *Acanthostigma* ab hoc haud nimis alienum.

Acanthostigma affine Sacc. et Berl. Miscell. Myc. II, p. 28, tab. VIII, fig. 1. Sacc. Suppl. Syll. Pars I, p. 854.

Hab. in ramis putridis, decorticatis « Cervarese It. bor. » (**Tab. C, fig. 1.**)

Perithecia subsparsa, $\frac{1}{4}$ mm. d., setigera, setis 100-150 μ . longis; asci 90-100 \approx 12-14; sporidia 25-30 \times 4-7, hyalina.

Acanthostigma hispidulum (S. et S.) Berl. *Lasiosph. hispidula* Sacc. et Speg. in Mich. I, p. 406. F. it. tab. 390, Syll. Pyr. II, p. 199. Bomm. et Rouss. Fl. pag. 194.

Hab. in culmis Graminum minorum « Italiae borealis » et in Pteride aquilina in « Belgio » (**Tab. C, fig. 2.**) — Ex spec. orig. a cl. Saccardo benevole comm.).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 50-60 \times 8-19; sporidia 32-36 \times 2 $\frac{1}{2}$ -3, hyalina.

Dimensiones spegazzinias excedentes invenimus (Cfr. Speg. l. c.).

Acanthostigma Clintonii (Peck) Sacc. Syll. Pyr. II, p. 210. Ell. et Ev. N. Am. Pyr. p. 155. *Sphaeria Clintonii* Peck 30 Rep. St. Mus. t. II, fig. 19-23.

Hab. in lignis deiectis « Alden Amer. bor. » (**Tab. C, fig. 3.**) — Ex spec. orig. a cl. Peck benevole comm.).

Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{5}$ mm. d.; asci 90-100 \approx 18-22; sporidia 40-41 \times 5-7, hyalina.

Acanthostigma byssophilum (Rehm) Sacc. Syll. Pyr. II, p. 211. Winter Pilze II, p. 202. *Trichosphaeria byssophila* Rehm Beitr. Ascom. in Hedw. 1882, pag. 121.

Hab. in thallo Tapesiae prunicolae ad Alnum viridem prope « Rietzlern alp. Algeviae bavaricae (**Tab. C, fig. 4.**) — Ex spec. orig. a cl. Rehm benevole communicatis).

Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d., pilis brevibus, acutis obsita; asci 60 \times 10-11; sporidia 24-26 \times 3-4.

Acanthostigma Scopula (C. et P.) Ell. et Ev. North Am. Pyr. p. 154. *Sphaeria Scopula* C. et P. in Grev. XV, pag. 82 et Rep. 32 pag. 51. *Lasiosphaeria Scopula* Sacc. Suppl. I, Syll. pag. 852.

Hab. in ligno nudo « New York, New Jersey et Am. bor. » (**Tab. CI, fig. 1.**) — Ex spec. orig. a cl. Cooke benev. comm.).

Perithecia distincte setosa, $\frac{1}{4}$ mm. d.; asci 90-100 \approx 10-14; sporidia 42-46 4-5; setae 55-65 \approx 5, atrae. A diagnosi Cookeana valde recedens. An due species?

Acanthostigma minutum (Fuck.) Sacc. Syll. Pyr. II, p. 209. Winter Die Pilze II, p. 202. *Lasiosphaeria minuta* Fuck. Symb. Myc. p. 148. *Lasiosphaeria scleracantha* Sacc. Mich. I, p. 46. Fungi it. t. 560. *Acantost. sclerac.* Sacc. Syll. Pyr. II, p. 205.

Hab. in ligno putri quercino et fagineo in « Helvetia et Ital. bor. ». (Tab. CI, fig. 2. — Ex specim. orig. *Acanth. sclerac.* a cl. Sacc. benevole comm.).

Perithecia sparsa, minuta, 120-130 μ . diam., setis rigidis dense tecta; asci 110-120 \times 14-16; sporidia 50-56 \times 5-7, dein 7-9 septata.

Post emendationes Winterianas ad diagnosim *Acant. minutum* ex examine specimin. original. excerptas, nullum adest discriminem inter speciem hanc et *Acanth. sclerac.* (Cfr. Winter I. c. et Berl. et Vogl. Add. Syll. p. 162).

Acanth. minutum (Fuck.) Sacc. Suppl. Syll. Pars I, p. 855, certe ad hanc speciem non spectat.

Acantostigma minutum var. **brachysporum** Sacc. Syll. Pyr. II, p. 209. *Lasiosphaeria minuta* Sacc. Fungi Ven. Ser. II, n. 327, Fungi It. tab. 217.

Hab. in ramis quercinis praecipue inter rimas corticis in sylva « Montello It. bor. ». (Tab. CI, fig. 3. — Ex spec. orig. a cl. Sacc. benev. comm.).

Perithecia subsparsa, 120 μ . diam., setis brevibus rigidis tecta; asci 60-70 \times 12-16; sporidia 25-32 \times 4-4 $\frac{1}{2}$, hyalina.

A typo differt sporidiis minoribus. Sec. cl. Winter in typo sporidia 47-52 \times 8-9 metiuntur. (Cfr. Winter Pilze II, p. 203).

Acanthostigma perpusillum De Not. Sfer. it. p. 85, tab. 94. Sacc. Syll. Pyr. II, p. 207. *Acanthostigma decastylum* Sacc. Syll. Pyr. II, p. 210 Ell. et Ev. North Am. Pyren. p. 155, Tab. 19, fig. 1-4 *Sphaeria decastyla* Cooke in Grev. VII, p. 52. *Lasiosphaeria subvelutina* Ell. et Ev. in Journ. Myc. III, p. 117, Sacc. Suppl. Syll. Pars I, p. 851. *Sphaeria cariosa* C. et E. in Grev. VI, p. 94, tab. 100, fig. 28. *Zignoella cariosa* Sacc. Syll. Pyr. II, p. 215.

Hab. in ligno putri in « Lombardia Italiae borealis et in America boreali ». (Tab. CI, fig. 4. — Ex specim. orig. *Acanth. decastyli* a cl. Cooke benevole communicatis).

Perithecia subgregaria, parce setola, $\frac{1}{4}$ - $\frac{1}{5}$ mm. d.; asci 65-75 \times 10-12 (non 150 μ longi ut in Ell. et Ev. I. c.); sporidia 22-25 \times 4-5.

Acanthostigma revocatum Sacc. Syll. Pyr. II, p. 208. *Lasiosphaeria perpusilla* Sacc. F. Ven. Ser. II, p. 327, Fungi it. tab. 141.

Hab. in ligno decorticato, subputri Salicis vitellinae « Selva, Treviso, Ital. bor. ». (Tab. CII, fig. 1. — Ex specim. orig. a cl. Sacc. benev. comm.).

Perithecia subgregaria, minuta, 100-120 μ . diam., setulis brevibus, 20-30 \times 4-5, atris, superne densiuscula praedita; asci 40-50 \times 12-14; sporidia 22-26 \times 3-3 $\frac{1}{2}$.

Acanthostigma pygmaeum (S. et S.) Sacc. Syll. Pyr. II, p. 208. *Lasiosphaeria pygmaea* Sacc. et Spieg. Mich. I, p. 406, Fungi it. tab. 389.

Hab. in culmis putrescentibus Tritici « Conegliano It. bor. » (Tab. CII, fig. 2.

— Specimina originalia jam exoleta inveni, et adumbrationem excerpti ex delineatione in Herb. Sacc. speciminibus original. allata).

Perithecia laxe gregaria, $\frac{1}{12}$ - $\frac{1}{10}$ mm. d., setulis obtusiusculis, 50-70 × 5-6 laxiscule vestita; asci 80-85 × 15-16; sporidia 50-60 × 4-4½

An potius *Ophiobolus*?

Species non visae vel e genere amovendae.

Acanthostigma Sequoiae, (Plowr.) Sacc. Non vidi. *A. pulchrisetum* (Peck.) Sacc. id. *A. erysiphoides* (Rehm) Sacc. id. *A. gracile* (Niessl) Sacc. ad *Ophiobolus* potius pertinet. *A. Berenice* (B. et C.) Sacc. Specim. orig. sterilia inveni sed certe ut mihi videatur non ad genus hoc pertinent. *A. helminthosporum* (Rehm) Sacc. Sec. specim. orig. est genus novum (*Ophiotrichia* Berl.) nam sporidiis filiformibus gaudet. *A. imperspicuum* Speg. non vidi *A. punctiforme* Bomm. Sacc. et Rouss. id. *A. Saccardioides* (E. et M.) Sacc. id. *A. nivale* (Str.) Sacc. id. *A. parasiticum* (Hart.) Sacc. id. *A. Hederae* Pat. id. *A. guaraniticum* Speg. In hypothallo speciminum originalium inveni *Perisporium* sporidiis fusoidis, 23-24 × 6, triseptatis, hyalinis. *A. longisetum* Karst. In specim. orig. nihil inveni nisi *Vermiculariam* quamdam, et *Leptospha. conoideam*. *A. occidentale*. In specim. orig. tantum inveni *Chaetomellam perforatam*. (In foliis *Cirsii discoloris*).

ENCHNOSPHEAERIA Fuck. Symb. Myc. p. 147. Sacc. Syll. Pyr. II, p. 205.

Perithecia superficialia, carbonacea, subinde byssō atrā, densā insidentia. Asci cylindraceo-clavati, octospori. Sporidia fusiformia, 2-pluriseptata.

Enchnosphaeria Pinetorum Fuck. Symb. Myc. 147, t. IV, fig. 2. Sacc. Syll. Pyr. II, p. 205. Rehm Ascom. n. 90. Brun. Contr. Fl. Myc. Ouest, p. 187. *Herpotrichia Pinet.* Winter Pilze II, p. 194. et 208. *Bertia querceti* Rehm Ascom. n. 43, Sacc. Syll. Pyr. I, p. 583. *Lasiosphaeria scabra* Auersw. in Fungi Eur. n. 1245, Sacc. Syll. I. c. p. 202. *Enchn. santonensis* Sacc. Mich. II, p. 66, Syll. Pyr. II, I. c. Brun. I. c. p. 188. *E. passicrinis* Sacc. Syll. I. c. p. 206.

Hab. in foliis, ramis et ligno putridis in « Germania et Gallia » (Tab. CII, fig. 3 — Ex specim. germanicis in Herb. Sacc.).

Perithecia gregaria, dein superficialia, $\frac{1}{2}$ et amplius mm. d., rugosa, ostiolo vix conspicuo, basi setosula; asci 120-130 × 12-15; sporidia 35-40 × 5, hyalina. An fungus immaturus?

Verisimiliter fungus hic magis evolutus, sporidiis coloratis et 5-septatis gaudet. In speciminibus nonnullis, et in iis *E. passicrinis* quoque huic adscribenda, in Belgio a cl. Mouton lectis (Cfr. Herb. Sacc.), sporidia nonnulla luteo-fusca hic inde notavimus, sed pro senescentibus, ad interim, habuimus.

Enchnosphaeria nigra (Hartig) Berl. *Herpotrichia nigra* Hart., Hedw. 1888, p. 13. Bot. Centr. 1888, III, p. 187, Sacc. Suppl. tot. Syll. Pars I, p. 858. Rehm Ascom. n. 996. *Enchnosphaeria pinetorum* Sacc. Mich. II, p. 596, Syll.

✓

Pyr. II, p. 205, p. p. Thuem. Myc. Un. n. 2255, *Herpotrichia mucilaginosa* Starb. et Grev. Bidr. Ascom. p. 8, t. I, fig. 5. Sacc. Suppl. Syll. I, p. 858. *Herpotrichia macrotricha* Sacc. I c. p. 213, *Sphaeria macrotricha* B. et Br. Brit. Fungi n. 619, t. 9, fig. 2.?

Hab. in foliis Abietis excelsae, Juniperi communis. J. nanae in « Germania, Norvegia et Gallia » (**Tab. CIII, fig. 1.**) — Ex specim. orig. in Rehm Asc. I. c.).

Perithecia subiculo atro-brunneo (*Rhacodium Therryanum*), denso cincta, $\frac{1}{3}$ mm. d.; asci 90-105 \times 12-14; sporidia 28-30 \times 6-7 $\frac{1}{2}$. Si species haec cum *Enchn. pinetor.* congruat, mihi dubium, sed videtur valde aliena, Cl. Winter specimina originalia *Ench. pinet.* investigavit, et ad hanc speciem retulit *Bertia querceti* Rehm, sed de speciminibus *Ench. pinet.* a cl. Thuemen editis (M. Un. I. c.) et ad *Enchn. nigram* haud dubio pertinentibus, quod non germanicis, nullam fecit mentionem, et scopulum hoc modo prudenter vitavit.

Enchnosphaeria ? spinulosa Speg. F. Puigg. n. 278. Sacc. Suppl. Syll. Pars I, p. 853.

Hab. ad folia viva Sapindaceae cujusdam in dumetis prope « Aphiahay Brasiliæ » (**Tab. XCVII, fig. 2.**) — Ex specim. orig. a cl. Hariot benevole comm.).

Perithecia epipylla, sparsa, crusta grisea, lichenoidea insidentia, sursum setis crassis, paucis ornata; asci 70-80 \times 10-12; sporidia 32-36 \times 5. Aptius *Lichen. Contextus* perithecii radiato-cellulosus ut in *Microthyriaceis*.

Species non examinatae vel e genere amovendae

Enchnosph. Coulteri (Peck.) Sacc. Non vidi. *Enchn. parietalis* (B. et C.) Sacc. In specim. orig. perithecia byssō densā cincta et sporidia distincte bilocularia, fuligineo-olivacea, genus novum (*Didymotrichia* Berl.) designant ad quod etiam *Herpotrichia rhodostoma* et *H. rhodosticta* pertinent.

HERPOTRICHIA Fuck. Symb. Myc. p. 146. Sacc. Syll. Pyr. II, p. 211. Winter Pilze II, p. 206. Ell. et Ev. N. Am. Pyr. p. 157.

Perithecia carbonacea, globosa, undique pilis crispulis et repentibus obsita, typice vertice appanata, subglabra, discoloria, ostiolo minutissimo. Asci octospori. Sporidia pluriseptata.

Herpotrichia chaetomoides Karst. in Hedw. 1888, Sacc. Suppl. Syll. Pars I, pag. 859.

Hab. in caulis aridis Epilobii angustifolii prope « Mustiala Fenniae » (**Tab. CIII, fig. 2.**) — Ex specim. orig. a cl. Karsten et a cl. Hariot benevole communicatis).

Perithecia subgregaria, superficialia, $\frac{1}{3}$ mm. d., setis longis, sinuosis, fuligineis dense obsita; asci 75-85 \times 8; sporidia 24-27 \times 3-4.

Sistit etiam *Chaetomella* sp. An status pycnidicus *Herpotrichiae*?

Herpotrichia Schiedermayeriana Fuck. Symb. Myc. App. II, p. 27, Sacc. Fungi It. t. 143, Mycoh. Ven. 161. Winter Die Pilze II, p. 207.

Hab. in truncis ramisque putrescentibus Sambuci nigrae prope « Kirchdorf in Austria superiori et in « Sylva Montello It. bor. » (Tab. CIV, fig. 1. — Ex specim. italicis a cl. Saccardo benevole communic.).

Perithecia gregaria, inferiori parte pilis ramosis, longis, repentibus dense obsita; asci 100-110 × 12-14; sporidia 32-35 × 6.

Herpotrichia rhenana Fuck. Symb. Myc. p. 146, tab. III, fig. 7, Fungi rhen. 952. Sacc. Syll. Pyr. II, p. 212. Winter Pilze II, p. 207. Ell. et Ev. N. Am. Pyr. p. 157.

Hab. in stramine putrescente prope « Aepfelbach Germaniae » (Tab. CIV, fig. 2. — Ex specim. orig. in Fuck. I, c. a cl. Briosi benevole comm.).

Perithecia sparsa vel gregaria, primo tecta dein libera, $\frac{1}{3}$ et fere $\frac{1}{2}$ mm. d., pilis longissimis, sinuosus, fuligineis, ramosis, dense tecta; asci 110-120 × 12-14, cylindracei; sporidia 24-28 × 5-6, monosticha, (saltem in specim. visis) primo hyalina biconoidea, dein luteo-brunnea, quadrilocularia.

Herpotrichia xestothele (B. et C.) Berl. *Sphaeria xestothele* B. et C. North Am. Fungi n. 896. *Lasiosphaeria xestothele* Sacc. Syll. Pyr. II, p. 194. Ell. et Ev. N. Am. Pyr. p. 146.

Hab. in ramis Corni floridae in « Carolina inf. Am. bor. » (Tab. CV, fig. 1. — Ex spec. orig. a cl. Cooke benev. comm.).

Perithecia gregaria, $\frac{1}{2}$ mm. d., sursum areola nuda, caeterum rufo-hirsuta; asci 95-110 × 12-14; sporidia 18-24 × 5-6, fuscidula.

Herpotrichia heterostoma (Karst.) Sacc. Syll. Pyr. II, p. 213, Karst. Rev. Asc. Fenn. p. 50. *Lasiosphaeria heterostoma* Karst. Myc. Fenn. II, p. 102.

Hab. ad lignum vetustum Pini in paroecia « Tammela Fenniae » (Tab. CV, fig. 2. — Ex spec. orig. a cl. Karsten benevole comm.).

Perithecia aggregata, majuscula, $\frac{1}{2}$ mm. d., pilis longitudine variis, acutis, rigidis obsita, apice tuberculo carneo praedita; asci 90-100 × 9-12; sporidia 30-34 × 4-6, luteo fusca.

Sporidiorum forma, subiculo etc. est genuina *Lasiosphaeria*, sed tuberculus carnosus ad *Herpotrichiam* dicit. Inter genera haec, species certe ambigua.

Species non examinatae, dubiae vel e genere amovendae.

Herpotr. Rubi Fuck. Specim. orig. immatura inveni. An eadem ac. Herp. rhenana? H. rhodomphala (Berk.) Sacc. et H. rhodosticta sunt novi generis (*Didymotrichia* Berl.) typus. H. rhodospila (B. et C.) Sacc. Non vidi Herpotr. macrotricha (B. et Br.) Sacc. ut

videtur ad *Enchnosph.* *nigram* pertinet. *H. nigra* Hartig est *Enchnosph.* *H. callimorpha* (Auersw.). Winter non vidi *H. ferox* W. id. *H. albidostoma* (Peck) Sacc. id. *H. mucilaginosa* St. et Grev. est *Enchnosph.* *nigra* H. Molleriana Wint. Non vidi *H. calospora* W. id. *H. antarctica* Speg. id. *H. antarctica* (Speg.) Sacc. Suppl. Syll. P. I, p. 859. n. 3498 (non n. 2496). id. In opella spegazziniana species haec sub genere *Melomastia* militat et nullum (ut mihi videtur e diagnosi) praebet charakterem *Herpotrichiae*. Si ad hoc genus adscribenda certe nomen specificum mutandum erit, nam adest genuina *Herpotrich.* *antarctica* Speg. F. Fueg. n. 233.

LASIOSPHAERIA Ces. et De Not. Schema Sfer. It. p. 55. Sacc. Syll. Pyr. II, p. 191. Winter Pilze II, p. 210 Karsten Rev. atque Syn. Pyren. Fenn. p. 50.

Perithecia superficialia vel matrici basi insculpta, plus minus villosula, hirta, strigosave, subiculo fibrōso quandoque incidentia, ostiolo papillato, interdum obsoleto. Asci fusoideo clavati. Sporidia typice cylindracea, basi curvata, quandoque continua sed saepius pluriseptata, hyalina, rarius colorata. Species plerumque lignicolae, rarius corticolae. Genus typos varios complectens.

Lasiosphaeria sorbina (Nyl.) Karst. Myc. Fenn. II, p. 164, Rev. atque Syn. Ascom. Fenn. p. 51 (ut var. *L. sperm.*) Sacc. Syll. Pyr. II, p. 199. *Sphaeria sorbina* Nyl. in Flora 1862, p. 322.

Hab. ad ramos Sorbi aucupariae prope «Helsingfors Fenniae» sub epidermide et circa stroma Valsae Sorbi diffusa. (Tab. CVI, fig. 1. — Ex specim. orig. a cl. Hariot, Musaei Parisiensis, benevole comm.).

Perithecia gregaria, $\frac{1}{2}$ mm. d., peridermate secesso, superficialia, basi tantum pilis radiantibus, pallidis cincta; asci 120-140 \times 12-16; sporidia 32-34 \times 6-8.

Lasiosphaeria sorbina var. **radiata** (Fuck.) Sacc. Syll. Pyr. II, p. 200 (ut spec.). *Leptospora radiata* Fuck Symb. Myc. p. 143, Rehm Ascom. n. 191. Winter Pilze II, p. 218. Sacc. Syll. Pyr. II, p. 200.

Hab. in ramis humifuscis, decorticatis, putridis Carpini in «Germania» (Tab. CVI fig. 2. — Ex specim. Rehm.).

Perithecia gregaria, $\frac{1}{2}$ mm. d. basi vix pilosa, sursum pulverulentia; asci 110-120 \times 12-15 subsessiles; sporidia 32-36 \times 7-8. Peritheciis fere glabris et sporidiis fere allantoideis a genuinis *Lasiosphaeriis* differt. Sporidiorum forma a *L. spermoides* non nimis recedens. A typo differt tantum peritheciis numquam tectis.

Lasiosphaeria solaris (C. et E.) Sacc. Syll. Pyr. II, p. 202. *Sphaeria solaris* C. et E. in Grev. V, p. 53, tab. 81, fig. 9.

Hab. in ligno pineo «New Jersey Am. bor.» (Tab. CVII, fig. 1. — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia subsparsa, $\frac{1}{3}$ et fere $\frac{1}{2}$ mm. d., verrucosa; asci 85-95 \times 14-16; sporidia 18-22 \times 5-6; conidia 12-14 \times 5-6.

Lasiosphaeria strigosa (Alb. et Schw.) Sacc. Syll. Pyr. II, p. 201. Ell. et Ev.

N. Am. Pyr. p. 149 Bomm. et Rouss. Fl. p. 194. *Sphaeria strigosa* Alb. et Schw. Consp. p. 37, tab. V, fig. 7. *Leptospora strigosa* Fuck. Symb. p. 144. Fungi rhen. n. 948. Winter Pilze II, p. 216.

Hab. in ligno Carpinii et Pinorum in « Germania, Suecia, Belgio, Italia, Britannia et Am. bor. » (Tab. CVII, fig. 2. — Ex specim. in Fuck. l. c. a. cl. Prof. Briosi benevole comm.).

Perithecia gregaria, setis Sematiaceis, luteo-fuscis tecta, sursum calva, $\frac{1}{2}$ mm. d.; asci 105-115 \times 12-15; sporidia 32-36 \times 5-6, hyalina.

L. strigosa var. **canescens** (Pers.) Karst. Myc. Fenn. II, p. 162 Rev. Mon. Asc. Fenn. p. 50 (ut species) Sacc. Syll. Pyr. II, p. 193 Ell. et Ev. N. Am. Pyr. p. 148, (ut spec.) *Sphaeria canescens* Pers. Syn. Fung. p. 72. Fr. Syst. Myc. II, p. 448. Curr. Trans Linn. Soc. vol. XXII, p. 315 t. LVII, fig. 14.

Hab. in ligno velusto Quercus, Fagi Pini, Platani etc. in « Suecia, Britannia, Fennia, Gallia, Germania, California, Carolina » (Tab. CVII, fig. 3. — Ex specim. Notarianis a cl. Pirotta benevole comm.).

Perithecia gregaria, setis luteo-fuscescentibus dense tecta, sursum calva, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 120-130 \times 10-12; sporidia 26-28 \times 5-7. Forma macrospora in Fennia lecta ad typum pertinet. Varietas haec a typo differt tantum sporidiis paulo minoribus.

Lasiosphaeria spermoides (Hoffm.) Ces. et De Not. Schem. p. 55. Sacc. Syll. Pyr. II, p. 199. Ell. et Ev. N. Am. Pyr. p. 148. Brun. Contr. Fl. Myc. Ouest. Pyr. p. 186 Bomm. et Rouss. Flor. p. 194. *Sphaeria spermoid.* Hoffm. Veg. Cr. II, p. 12. Tab. III, fig. 3. *Hypoxylon miliaceum* Bull. Champ. t. 444 fig. 3. *Sphaeria globularis* Bat. El. Cat. fig. 180. *Sphaeria granum* Fl. dan. Tab. 13, fig. 1 *Leptospora sperm.* Fuck. Symb. p. 143. Wint. Pilze II, p. 215.

Hab. in truncis et lignis putrescentibus in fere tota « Europa » et « Am. bor. » (Tab. CVIII, fig. 1. — Ex spec. in Rehm Asc. n. 587, cum aliis multis e regionibus variis minutim comp.) (1).

Perithecia stipata, basi parum villosa, $\frac{1}{3}$ mm. denique apice fissurata, ostiolo carentia; d., asci 140-160 \times 8-10; sporidia 18-22 \times 4 Subiculum adest villosum, laxe byssoidem.

Lasiosphaeria stannea (Fr.) Sacc. Syll. Pyr. II, p. 199. *Sphaeria spermoides* b. *stannea* Fries Elench. II, p. 93.

Hab. ad ligna durissima prostrata, Quercus et Fagi in « Suecia » (Tab. CVIII, fig. 2. — Ex specim. orig. e collectione beati Desmaz. in Musaeo Parisiensi servata et a cl. Hariot. benevole comm.).

Perithecia dense conferta, primo obtuto pro *Didymio* aut *Physaro* sessilibus habenda, ostiolo minuto, colore stanni ob pruinulam tenaciter adhaerentem, $\frac{1}{2}$

(1) Specimina originalia, quae in collectione Musaei Parisiensis servantur, et quae mihi benevole misit cl. Hariot, quoque observavi.

mm. d., duriuscula, fragilia; asci 90-100 × 7-8; sporidia 14-16 × 5-6. Speciem hanc frustra in Winter (Die Pilze) invenire conatus sum, neque inter dubias.

Lasiosphaeria sublanosa (Cooke) Berl. *Sphaeria sublanosa* Cooke Grev. VII, p. 41. *Metasp. sublanosa* Sacc. Syll. Pyr. II, p. 165.

Hab. in ramulis vetustis Andromedae «New, Jersey Am. bor. (Tab. CIX, fig. 1. — Ex spec. orig. a cl. Cooke benevole comm.).

Perithecia gregaria, globoso-conoidea, rugosa, setis repentibus, sinuosis, parcis cincta, $\frac{1}{3}$ mm. d.; asci 100-110 × 15-17; sporidia 30-34 × 6, tri-pluriguttata, hyalina.

Lasiosphaeria Pseudo-Bombarda (Mont.) Berl. Ic. Fung. fasc. I, p. 38. *Trematosph. Pseud. Bomb.* Sacc. Syll. Pyr. II, p. 121. *Sphaeria Ps. Bomb.* Mont. Syll. Crypt. n. 759, et Cent. II, n. 54, Ann. Sc. Nat. Bot. 2 XIV, p. 323, t. 19, fig. 5.

Hab. ad corticem arborum in silvis «Cayenna» (Tab. CIX fig. 2. — Ex specim. orig. a cl. Piotta benevole commun.).

Perithecia caespitosa, stromate nigro crassiusculo inserta, divergentia, $\frac{1}{3}$ mm. d; asci 125-130 × 25-30 (pars sporif.); sporidia 50-55 × 10-12, semper (saltem in speciminibus examinatis) hyalina et continua. An senescendo pluriseptata, olivaceo-fuliginea?

Lasiosphaeria stuppea Ell. et Ev. in Bull. Vash. Coll. 3, p. 4. North Am. Pyren. p. 150, tab. 19, fig. 5-9. Sacc. Suppl. Tot. Syll. Pars. I, p. 850.

Hab. in ramis emortuis Tsugae Pattoniana in «Monte Paddo, Washington Am. bor.» (Tab. CXIX, fig. 2. — Ex Ell. et Ev. I. c.).

Perithecia gregaria, circiter 1. mm. d., ostiolo crasse 4-gibboso, asci 170-200 × 18-20 (parte sporifera 120-150 μ, longa) sporidia 34-38 × 8-11.

Lasiosphaeria breviseta Karst. in Hedw. 1884, p. 57. Sacc. Suppl. Tot. Syll. Pars I, p. 849.

Hab. in ligno vetusto Padi? in «Mustiala Fenniae» (Tab. CIX, fig. 3. — E specim. orig. a cl. Karsten benevole comm.).

Perithecia gregaria vel aggregata, $\frac{1}{3}$ - $\frac{1}{2}$ mm. diam., parce breviterque setosa; asci 80-90 × 12-15; sporidia 28-34 × 3,5-4, hyalina, in caudam abrupte attenuata.

Lasiosphaeria caudata (Fuck.) Sacc. Syll. Pyr. II, p. 200. *Leptospora caudata* Fuck. Symb. p. 144 tab. III, fig. a. b. Winter Pilze II, p. 217.

Hab. in ligno Betulae et Pinorum in «Germania et Helvetia» (Tab. CX fig. 1. — Ex specim a cl. Morthier lectis et a spect. Direct. Musaei Berolinensis benevole comm.).

Perithecia sparsa vel gregaria, $\frac{1}{2}$ mm. d., pilis brevibus laxe obsita; asci 100-110 × 10-12, (p. sporif.); sporidia 32-35 × 4-5, pallidissime lutescentia.

In specim. examin. inveni semper sporidia fere hyalina.

Lasiosphaeria vilis Karst. et Har. in Rev. Myc. 1870, n. 47 Sacc. Suppl. Syll. Pars. I, p. 852.

Hab. ad squamas conorum Pini silvestris « Mery sur Seine, Aube Galliae » (**Tab. CIX fig. 2.** — Ex specim. orig. a cl. Hariot benevole comm.).

Perithecia sparsa, $\frac{1}{3}$ mm. d., longiuscule setigera, byssocarentia; asci 125-140 \approx 12-15; sporidia 48-50 \approx 4-5. Species haud rite evoluta, matura verisimiliter sporidiis majoribus gaudens et tunc *L. crinitae* propinquior.

Lasiosphaeria crinita (Pers.) Sacc. Syll. Pyr. II, p. 201. *Sphaeria crinita* Pers. Syn. p. 72. *Leptospora crinita* Fuck. Symb. myc. p. 144, Winter Pilze II, p. 218. *L. Romeana* Sacc. et Berl. Misc. Myc. II, p. 20, tab. X, fig. 19. Suppl. Syll. P. I, p. 850.

Hab. ad ligna mollissima Fagi Coryli etc. in « Succi, Germania, Italia, Gallia, et Belgio » (**Tab. CXI fig. 1.** — Ex specim. in Libert F. Ard. n. 70 cum iis origin. *L. Romeanae* minutum comp.).

Perithecia subsparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d., longe piligera, globoso-conoidea; asci 160-170 \approx 16-18; sporidia 55-65 \approx 4-5, hyalina, continua. A *L. hispida* et *L. Rhacodium* differt sporidiis continuis, a *L. ovina* peritheciis atro-villosis. Varietatis *arehationis* specimina originalia examinavi et potius ad *L. hispidam* adscribenda mihi videntur.

Lasiosphaeria crinita var. **crustacea** Karst. Symb. ad Myc. Fenn. XXVI, p. 28, Sacc. Suppl. Syll. P. I, p. 851 (ut species).

Hab. ad lignum putrescens Betulae in paroecia « Tyrvis Fennia » (**Tab. CXI fig. 2.** — Ex specim. orig. a cl. Karsten benevole comm.).

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; gregaria, in crustam fere connexa, rugosa, byssodematiacæa, nigrâ inserta, parce piligera; asci 160-170 \approx 12-16; sporidia 55-60 \approx 4-6, hyalina.

A typo differt peritheciis gregariis profundius rugosis.

Lasiosphaeria ovina (Pers.) Ces. et De Not. Schema sfer. p. 229 Sacc. Syll. Pyr. II, p. 199. F. it. tab. 559. Ell. et Ev. N. Am. Pyr. p. 150. Brun. Contr. Fl. Myc. Ouest. Pyr. p. 187, Bomm. et Rouss. Fl. p. 194. *Sphaeria ovina* Pers. Syn. p. 41. *Sphaeria mucida* a. β . Tode Fungi Meckl. II, p. 16. *Sphaeria lichenoides* Sow. Engl. Fungi t. 373, fig. 12. *Leptospora ovina* Fuck. Symb. Myc. p. 143, Winter Pilze II, p. 215.

Hab. in lignis putrescentibus in fere tota « Europa, Amer. bor. et Australia » (**Tab. CXII, fig. 1.** — Ex specim. italicis in Herb. Sacc.).

Perithecia subsparsa, vel gregaria, $\frac{1}{5}$ - $\frac{1}{2}$ mm. d.; asci 150-170 \approx 12-16; sporidia 38-44 \approx 4-5, hyalina.

Lasiosphaeria ovina f. **Libertiana** Speg. et Roum. Rev. Myc. II, p. 22 et Fungi Sel. Gall. exsicc. n. 672 (ut sp.) *Sphaeria* spec. Lib. in Herb. cum iconie.

Hab. ad culmos putridos Phalaridis arundinaceae prope « Malmedy Borus-

rhen ». (Tab. CXII, fig. 2. — Ex specim. orig. a beat. Roum. I. c. editis et in Herb. Sacc. contempt.).

Perithecia sparsa, $\frac{1}{2}$ mm. d.; asci 180-200 \approx 12-15; sporidia 52-56 \approx 4-5, hyalina et continua (nec apice incrassata, saltem in spec. viso.).

Lasiosphaeria sulphurella Sacc. Mich. I, p. 440, Fungi It. tab. 438, Syll. Pyr. II, p. 202.

Hab. in truncu decorticato Robiniae « Padova It. bor. » (Tab. CXIII, fig. 1. — Ex specim. orig. a cl. Sacc. benevole communic.).

Perithecia gregaria, $\frac{1}{2}$ - $\frac{2}{3}$ mm. d., byssu sulphureâ vestita, ostiolo nudo, nigro; asci 170-180 \approx 15-18; sporidia 56-60 \approx 4-6, hyalina.

Valde affinis *L. Libertiana*. Verisimiliter etiam species haec ut forma vel lusus *L. ovinae* habenda.

Lasiosphaeria helicoma (Pl. et Ph.) Sacc. Syll. Pyr. II, p. 192. *Sphaeria helicona* P. et P. in Grev. VI, p. 26, tav. 94, fig. 9 et Plowr. Fungi Brit. exsicc. n. 53.

Hab. ad terram in scobe et frustulis ligneis « Brandon Britanniae » (Tab. CXIII, fig. 2. — Ex specim. orig. in Plowr. Fungi Brit. exsicc. n. 53 in Herb. Sacc.).

Perithecia subsparsa, minuta, $\frac{1}{5}$ mm. d.; asci 150-160 \approx 19-20; sporidia 65-70 \approx 5-6. Conidia helicoidea 30-33 μ . diam.

Lasiosphaeria hispida (Tode) Fuck. Symb. Myc. p. 147 t. III, fig. 31 Sacc. F. it. tab. 558, Syll. Pyr. II, p. 194. Winter Die Pilze II, p. 211. Ell. et Ev. N. Am. Pyr. p. 145. Brun. Fl. Myc. Ovest. Pyr. p. 186. Bomm. et Rouss. Flor. p. 194. *Sphaeria hispida* Tode Mekl. 2, p. 17. *Lasiosph. capensis* K. et C. Grev. 1880, p. 28, tab. 137, fig. 27. Sacc. Syll. I. c. p. 195.

Hab. in truncis putridis in « Germania, Suecia, Belgio, Italia Gallia, et Am. » (Tab. CXIV, fig. 1. — Ex specim. Therryanis in Thuem. M. Un. 1745. cum iis orig. *L. capensis* minutum comp.).

Perithecia dense gregaria, $\frac{1}{2}$ mm. d.; asci 160-170 \approx 16-18; sporidia 65-75 \approx 6-8, fusco umbrina (diu hyalina). Conidia non vidi. Perithecia sunt pilis longis, mollibus cincta, non brevibus raris ut in nonnullis locis expositur.

Lasiosphaeria crinita var. *arenationis* (*Sphaeria crin.* var. *aren.* Desm. in Fr. El. Fung. II, p. 92) secundum specimina originalia a cl. Hariot benevole missa, potius huic spectat, et vix varietas est habenda. Perithecia sunt pilis longis, sinuosis, fuligineis obsessa; asci et sporidia quoque ut in *Las. hispida*, hoc est, asci 160-170 \approx 16-18; sporidia 65-75 \approx 6-8, fusco-umbrina, 6-8 septata.

Lasiosphaeria Rhacodium (Pers.) Ces. et De Not. Sch. sfer. p. 225, Sacc. Syll. Pyr. II, p. 195. Winter Die Pilze II, p. 211. Ell. et Ev. N. Am. Pyr. p. 144. *Sphaeria Rhacod.* Pers. Syn. Fung. p. 74, Fries Syst. myc. II, p. 449, Curr. in Trans. Linn. Soc. XXII, p. 315, t. LVII, fig. 15.

Hab. in ligno putri in fere tota « Europa, Carolina et Argentina » (Tab.

CXIV, fig. 2. — Ex spec. romanis in Herb. Sacc. cum multis e variis regionibus comparatis).

Perithecia dense acervata vix setigera, byssō densā tecta, $\frac{1}{2}$ mm. d.; asci 160-175 \approx 14-17; sporidia 55-60 \approx 4-6, senescendo fuscidula. A *L. hispida* tantum differt sporidiis etiam maturitate hyalinis; an satis?

Lasiosphaeria Rhacodium var. **hirsuta** (Fries) Ces. et De Not. Schema Sfer. it. p. 55. Sacc. Syll. Pyr. II, p. 191. Winter Die Pilze II, p. 210 Ell. et Ev. N. Am. Pyr. p. 144. Bomm. et Rouss. Florule, p. 194, (omnes ut species) *Sphaeria hirsuta* Fr. Syst. M. II, p. 449.

Hab. in ligno putri in fere tota « Europa et America boreali » (**Tab. CXV**)
fig. 1. — Ex specim. italicis in Herb. Sacc.).

Perithecia gregaria, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 150-160 \approx 12-15; sporidia 55-65 \approx 6-7. A typo vix differt peritheciis setis rigidis ornatis, pro subiculo denso tomentoso in typo præsente.

Lasiosphaeria immersa Karst. Myc. Fenn. II, p. 163, Rev. Mon. Asc. Fenn. p. 51 Sacc. Syll. II, p. 203.

Hab. in ligno mucido mollissimo Betulae « Mustiala Fenniae » (**Tab. CXV**)
fig. 2. — Ex specim. orig. a cl. Karsten benevole comm.).

Perithecia gregaria vel subsparsa, ligno semimmersa, $\frac{1}{2}$ mm. d.; ostiolo crasso fere lophiostomaceo praedita, glabra; asci 165-175 \approx 16-18; sporidia 55-60 \approx 5-6, (sine appendic.) primo continua, hyalina, dein plasmate 7-9 partiō, pallide viriscenti-flaveola.

Lasiosphaeria actinodes (B. et C.) Sacc. Syll. Pyr. II, p. 198. *Sphaeria actinodes* B. et C. Cub. Fungi n. 844. Wright Fungi Cub. n. 844.

Hab. in Hypoxyllo quodam orbiculari parasitica « Cuba » (**Tab. CXVI, fig. 1.**)
— Ex specim. orig. a cl. Cooke benevole comm. cum Wrightianis l. c. comparatis).

Perithecia globoso-ovoidea, $\frac{1}{4}$ mm. d., dense piligera; asci jam resorpti; sporidia 65-70 \approx 5-6, hyalino-fuscidula, senescentia.

Lasiosphaeria? muscicola De Not. MS. Sacc. Syll. Pyr. II, p. 196.

Hab. in caulibus foliisque emortuis Muscorum (Brachythecii) in « Alpe Zerbrú It. bor. » (**Tab. CXVI fig. 2.**) — Ex specim. orig. a cl. Pirotta benevole comm.).

Perithecia sparsa, $\frac{1}{2}$ mm. d., pube dematiacēa, fuliginēa tecta; asci... non visi; sporidia 38-40 \approx 6-7, luteo-rufis. Si inter genuinas *Lasiosphaerias* adscribenda sit, mihi valde dubium, nam alios non vidi.

Lasiosphaeria Caput-Medusae (Sacc. et Sp.) Berl. *Enchnosphaeria Caput-Medusae* Sacc. et Speg. Mich. I, p. 405, Fungi it. tab. 395, Syll. Pyr. II, p. 206.

Hab. in ramulis putrescentibus Catalpae syringifoliae « Conegliano It. bor. ».
(Tab. CXVI, fig. 3.) — Ex specim. orig. a cl. Sacc. benevole comm.).

Perithecia sparsa, $\frac{1}{4}$ mm. d., setulis divergentibus, rigidis undique tecta; asci 80-90 \approx 7-8; sporidia 18-22 \approx 3-4.

Verisimiliter fungus immaturus.

Lasiosphaeria caesariata (C. et B.) Sacc. Syll. Pyr. II, p. 192. Ell. et Ev. N. Am. Pyr. p. 146. *Sphaeria caesariata* C. et Peck 29 Rep. p. 60.

Hab. in ligno dejecto « Portville Am. bor. » (**Tab. CXVII, fig. 1.** — Ex specim. orig. a cl. Cooke benev. communic.).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 120-130 \approx 12-14; sporidia 30-40 \approx 6-7, diu pseudo-quinqueseptata, 30-35 μ . longa, dein 7-septata usque 40 μ . longa, pallidissime fuscidula, loculis extimis hyalinis Vix *Lasiosphaeria*. Perithecia setulis crassis, fuligineis, fere torulosis, brevibus obsita.

Lasiosphaeria hemipsila (B. et C.) Sacc. Syll. Pyr. II, p. 198. *Sphaeria hemipsila* B. et C. Fungi of. Ceyl. n. 1098.

Hab. in truncis « Paradeniya, Ceylon ». (**Tab. CXVII, fig. 2.** — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 150-160 \approx 16-20; sporidia 48-52 \approx 6-8, subinde loculo uno vel altero inflatulo (an senescentia?) 5-septata (non 3 ut in B. et C. ll. cc.) loculis extimis, minutis, hyalinis, cacteris rufu-fuligineis.

Lasiosphaeria Pezizula (B. et C.) Sacc. Syll. Pyr. II, p. 195. *Sphaeria Pezizula* B. et C. North Am. Fungi n. 890. Ellis N. Am. Fungi n. 696. *Herpotrichia Peziz.* Ell. et Ev. N. Am. Pyr. p. 160.

Hab. in truncis in « Carolina et New Jersey Am. bor. » (**Tab. CXVIII, fig. 1.** — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia byssو atrأ densا insidentia, glabra, dein cupulata, $\frac{1}{3}$ mm. d.; asci 135-145 \approx 20-25; sporidia 50-56 \approx 7-9.

Sphaeria Pezizula in Cooke F. Brit. exsicc. n. 196 (saltem spec. exicc. quae examinavi) longe distat.

Lasiosphaeria Keithii (B. et C.) Berl. *Sphaeria Keithii* B. et Br. Brit. Fungi n. 1626, tab. XI, fig. 8, et in Grev. n. 34. *Herpotrichia Keithii* Sacc. Syll. Pyr. II, p. 212.

Hab. in chorda putri in Horto botanico « Glasnevin » *prope* « Dublin » (**Tab. CXVIII, fig. 2.** — Ex specim. orig. (?) a cl. Cooke benevole comm.).

Perithecia sparsa, $\frac{1}{2}$ mm. d., basi pilis ramosis, longiusculis, parcis cincta; asci 80-90 \approx 12-14 (p. sporif.); sporidia 30-32 \approx 5-6, lutea.

Specim. visa non certe in chorda sed potius in stramine evoluta. Inter *Lasiosphaeriam* et *Herpotrichiam* ambigua. Ob sporidia ad hanc, ob perithecia ad illam pertineret.

Lasiosphaeria larvispora Cooke et Mass. in Grev. XIX, p. 83. Sacc. Suppl. I Syll. p. 851.

Hab. in cortice «Macedon Victoria Australiae» (Tab. CXIX, fig. 1. — Ex spec. orig. a cl. Cooke benevole comm.).

Perithecia laxe gregaria, tomento sulphureo, floccoso-farinoso tecta, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 300-320 × 22-24; sporidia 160-185 × 9-11.

Species perpulchra!

Species non examinatae vel excludendae

Lasiosphaeria Britzelmayri Sacc. Non vidi. *Las. subambigua*. (Cooke) Sacc. id. *Las. viridicoma* (C. et P.) Sacc. id. *Las. xestothele* (B. et C.) Sacc. est *Herpotrichia*. *Las. orthotricha* (B. et C.) Sacc. est *Helminthosporium caespitulis* hic inde acervulatis, gregariis et perithecia simulantibus, ex hyphis longis indivisis, setiformibus compositis. *Lasiosph. ferruginea* Fuck. sec. Wint. est *Melanomma* *Las. Fuckelii* Sacc. non vidi. *Las. paucipilis* (Cooke) Sacc. Non vidi. *Las. mutabilis* (Pers.) Fuck. Sec. Wint. est *Herpotr. Specimina* in Rab. F. Eur. n. 631 edita, et a cl. Beccari prope Pisa lecta, non ad genus hoc, nec ad *Herpotrich.* pertinent, potius ad *Zignoell.* sed immatura revelantur. *Las. Stipae* Fabr. Non vidi. *Las. acanthigera* (B. et Br.) Sacc. Sec. spec. orig. est *Sordaria*, nam peritheciis pilosis et sporidiis fuligineis, ovoideis, in caudam hyalinam productis gaudet. *Las. hispidula* Sacc. est *Acanthostigma*. *Las. felina* (Fuck.) Sacc. Non vidi. *Las. erinacea* (Cr.) Sacc. id. mihi dubia. *Las. Sphagnorum* (Cr.) Sacc. id. *Las. cirrhostoma* (B. et Br.) Sacc. Specim. orig. sterilia inveni. Perithecia sunt collapsa, hirsute setigera et ut videtur non speciei huius generis pertinent. *Las. Janus* (B. et Br.) Sacc. non vidi. *Las. scabra* (Curr.) Auersw. est *Enchnosph. Pinetor.* *Las. Montis-Caballi* Speg. Non vidi. *L. calva* (Tode) Sacc. non vidi; mihi dubia. *Las. biformis* (Pers.) Sacc. mihi dubia, Sec. Sacc. est *Enchnosphaer L. nitrosa* (Wallr.) Sacc. mihi valde dubia. *L. acinosa* (Bat.) Sacc. id. *Las. chloronema* (B. et Br.) Sacc. Specim. orig. haud rite evoluta. Species, ut mihi videtur, expellenda. *Las. tephrotricha* (Fr.) Sacc. Mihi valde dubia, verisimiliter expellenda. *Las. flavescens* (Fr.) Sacc. id. Verisimiliter eadem ac *L. strigosa* *Las. depilata* (Fr.) Sacc. mihi valde dubia, et potius expellenda. *Las. Russelli* (B. et C.) Sacc. est *Limerospor. Collinsii*. *Lasiosph. papilionacea* (B. et C.) Sacc. mihi dubia. *Las. trichiacea*. Sec. specim. orig. est *Chaetomium ascis elapsis* et sporidiis sphaeroideis, rariss., 8 μ. diam., fuligineis. *L. elegans* Mont. Non vidi. *L. rhynchospora* Mont. id. *L. subcaudata* Mont. id. *L. subvelutina* E. et E. est *Acanth. decastylum*. *L. annulata* Karst. Non vidi. *L. intricata* (Peck) Sacc. id. *L. Sphagni* Del. id. *L. emergens* (Schw.) Cooke id. *L. cladosporiosa* (Schw.) Cooke et *L. setosa* (Schw.) Cooke incertae videntur.

BOMBARDIA Fr. Summa Veg. Scand. p. 389 (in nota) Sacc. Syll. Pyr. Vol. I, p. 277. Winter Pilze II, p. 235. Bomm. et Rouss. Florule p. 203. Ellis et Ev. North Am. Pyren. p. 176.

Perithecia superficialia, plus minusve verticaliter elongata, superficialia, maiuscula. Asci octospori. Sporidia diu vermicularia, hyalina, tandem ovoidea,

fusca inferne in caudam cylindricam. hyalinam. basi saepe ad instar sporidiorum *Lasiosphaeriarum* curvatam desinentia. Ob sporidiorum forma cum non nullis *Roselliniis* uno latere et *Lasiosphaeriis* alio latere congruit.

Bombardia bertiodes Cer. (Cfr. Sacc. Syll. I. c. p. 278) vix est huius generis.

Bombardia ambigua (Sacc.) Wint. Pilze II, p. 236. *Lasiosphaeria ambigua* Sacc. Mich. I, p. 46 F. it. t. 218, Syll. Pyr. II, p. 197.

Hab. in ligno quercino in sylva « Montello » et in ligno fagineo in sylva « Cansiglio Ital. bor. » (Tab. CXX, fig. 1. — Ex spec. orig. a cl. Sacc. benevole communic.).

Perithecia sparsa, $\frac{1}{2}$ mm. d.; asci 155-165 \times 14-17; sporidia 55-70 \times 5-6, parte incrassata 20-22 \times 12-14 (non 7-8 ut in Syll. et in Wint.).

Bombardia fasciculata Fries Summa Veg. Scand. p. 389. Winter in Hedw. 1874, p. 56. Sacc. Syll. Pyr. Vol. I, p. 277. Bomm. et Rouss. Flor. p. 203. Ell. et Ev. N. Am. Pyr. p. 176. *Sphaeria Bombarda* Batsch Elench. Cont. I, 271 fig. 181. *Bertia Bombarda* Ces. et De Not. Schema p. 51.

Hab. in ligno fagineo, salicino, betulino, carpineo etc., praecipue in discis caescis in tota fere « Europa et Amer. bor. » (Tab. CXX, fig. 1. — Ex specim. italicis in Herb. meo).

Perithecia fasciculata, superficialia, verticaliter evoluta, subcylindracea, vel longe ovoidea, 1-1 $\frac{1}{2}$ mm. alta, coriacea; asci longe stipitati 120-140 \times 9-12, (p. spor.); sporidia tota 40 50 μ . longa, dein parte ovoidea 13-15 \times 7-8, et cauda 24-28 \times 4.

CALOSPORA Sacc. Syll. Pyr. II, p. 231 (nec Nits.).

Perithecia stromate valsoideo immersa, acervulata. Asci octospori. Sporidia bi-pluriseptata, mutica vel appendiculata.

Calospora aculeans (Schw.). Sacc. Syll. Pyr. II, p. 233. *Sphaeria aculeans* Schw. Syn. Am. bor. n. 1395. Cooke Vals U. St. p. 119 *Sphaeria rufescens* Schw. Syn Am. bor. n. 1395. *Cryptospora acul.* E. et Ev. N. Am. Pyr. p. 535.

Hab. passim in truncis ramisque Rhois typhinae « Carolina, Georgia Massachusetts Am. bor. » (Tab. CXXI, fig. 1. — Ex spec. orig. in Herb. beati Schw. a cl. Cooke benevole communicatis.).

Perithecia stromate fuscescente immersa, ostiolis, e disco protuberantibus, ornata; asci 50-55 \times 9-11; sporidia 15-17 \times 4, saepe uniseptata. Inter *Diaporthem* et *Calosporam*, sporidiis saepe uniseptatis, ludibunda.

Calospora rhoina (C. et Ell.) Sacc. Syll. Pyr. II, 234 *Diatrype rhoina* C. et Ell. Grev. VII, p. 8. North Am. Pyr. p. 424.

Hab. in truncis Rhois venenatae « New Jersey Am. bor. » (Tab. CXXI, fig. 2. Ex specim. orig. a clariss. Cooke et Ellis benevole comm.).

Perithecia in stromate conoideo, vario, peridermio tecto, maiusculo immersa, ostiolis longiusculis, rigidis exertis ornata, ligno immersa; asci 55-70 = 9-11; sporidia 32-36 = 3-4 (et usque 40 p. longa). Etiam Chlori-Joduri-Zynci ope, raro 3-5 pseudoseptata. An potius inter *Diaporthes*?

Calospora Platanoidis (Pers.) Niessl in Hedw. XIV, p. 130 Sacc. Syll. Pyr. II, p. 231. *Sphaeria platanoides* Pers. Syn. p. 45 *Sphaeria stilbostoma* var. γ. Fries Syst. II, p. 404. *Valsa Innesii* Curr. in Trans. Linn. Soc. Lond. XXII, p. 281, tab. 48, fig. 116 *Diaporthe Innesii* Fuck. Symb. Myc. p. 204 *Calospora Innesii* Sacc. Syll. Pyr. II, p. 231, *Valsa Platanoidis* Cooke Handb. p. 837, *Pseudovalsa platanoides* Winter Pilze II, p. 790.

Hab. ad ramos emortuos Aceris Pseudoplatani, et Ac. platanoidis in « Britannia, Gallia, Germania et Hollandia » (**Tab. CXXI fig. 3.** — Ex specim. Niesseano in Herb. Sacc.).

Perithecia corticola, circinantia, 4-12 in quoque stromate, globosa vel parum compressa; asci 75-90 = 14-16; sporidia 25-28 = 6-8.

Calospora longipes (Tul.) Berl. *Melanconis longipes* Tul. Sel. Fung. Carp. II, p. 139. *Sphaeria quercina* B. et Br. Brit. Fungi n. 839, Currey in Trans. Linn. t. XXII p. 272. *Sphaeria arcuata* Curr. l. c. p. 281. *Pseudovalsa longipes* Sacc. Syll. II, p. 136, Winter Pilze II, p. 787.

Hab. in ramis deiectis, Quercus sessiflorae in « Gallia, Britannia, Germania, Belgio, Italia ». (**Tab. CXXII fig. 1.** — Ex specim. orig. a cl. Hariot Musesi Parisiensis benevole comm.).

Perithecia in acervulos valsiformes, conicos, erumpentes collecta; asci 140-150 = 16-18; sporidia 58-65 = 8-10 hyalina.

Species non examinatae vel e genere excludendae

Calosp. capsularis (Pers.) Sacc. Non vidi mihi dubia. *C. Zoppii* (Kunze) Sacc. Est *Diaporthe C. tubulosa* (B. et C.) Sacc. est *Pseudovalsa tubulosa* C. pensylvanica (B. et C.) Sacc.; specimina orig. sterilia. *C. secedens* (M. et Fr.) Sacc. Non vidi. *C. Ulicis* (West.) Sacc. Ex specim. orig. est genuina *Diatrype*, nam sporidia sunt allantoidea, 10-12 = 2-3, biguttata, luteo-viridula *C. gemmata* (B. et C.) Sacc. Non vidi. *C. undulata* (B. et Br.) Sacc. Ex specim. orig. est *Diatrype*. *C. inconspicua* (C. et Ell.) Sacc. Specim. orig. sterilia sed certe non ad *Calosp.* spectantia. *C. minuta* Bomm. et Rouss. Non vidi. *C. alnicola* Cooke et Masse est *Massariella C. arausiaca* (Fabr.) Sacc. Non vidi.

MASSARINA Sacc. Syll. Pyr. II, p. 153. *Massaria* De Not. aliorumque p. p. Perithecia et asci ut in *Massaria* Sporidia pluriseptata, hyalina.

Massarina microspora Pass. Diagn. Funghi nuovi V, nota, n. 14.

Hab. in ramis emortuis Pini silvestris « Collecchio prope Parma It. bor. » (Tab. CXXII fig. 2. — Ex specim. orig. a cl. Passerini benevole comm.).

Perithecia subcutanea sparsa, vel subgregaria, asci 60-65 = 10; sporidia 12-14 = 3,5-4.

Massarina micacea (Kunze) Sacc. Suppl. Tot. Syll. Pars. I, p. 825 *Massaria micacea* Kunze Fungi sel. n. 95. Winter Pilze II, p. 542.

Hab. in ramis emortuis Tiliae platyphyliae in « Germania » (Tab. CXXII fig. 3. — Ex specim. orig. ex Herb. Winterian. a cl. Urban Musaei Berolinensis benevole comm.).

Perithecia gregaria 300 μ . d. nucleo albo farcta; asci 60-70 = 12-14; sporidia 20-24 = 4-6, sine muco, diu biconoidea, 1-septata dein plasmate 4-partito.

Massarina microcarpa (Fuck.) Sacc. Syll. Pyr. II, p. 144, *Massaria microcarpa* Fuck. Symb. Myc. p. 144, tab. VI, fig. 37. Winter Pilze II, p. 541. *Massaria Coryli* Karst. Symb. Myc. Fenn VI, p. 33. *Massarina Coryli* Sacc. Syll. I. c. p. 154.

Hab. in ramis siccis corticatis, Carpini Betuli in « Germania » (Tab. CXXIII fig. 1. — Ex specim. a cl. Winter lectis et a cl. Alrban spect. Directionis Musei Berolinensis missis).

Perithecia sparsa vel acervata, $\frac{1}{4}$ mm. d.; asci 80-90 = 12-16; sporidia 22-24 = 5-6.

A *Metasphaeria saepincola* aegre distinguenda.

Massarina polymorpha (Rehm) Sacc. Syll. Pyr. II, p. 155, *Massaria polymorpha* Rehm Ascom. Diagn. n. 242, Winter Pilze II, p. 541.

Hab. ad ramos siccis Rosarum infra montem « Retyezat in alpibus transylvanicis » (Tab. CXXIII fig. 2. — Ex specim. orig. in Rehm Ascom. I. c.).

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. d., tecta, molliuscula, membranacea, epidermide nigrescente cineta; asci 85-95 = 10-12; sporidia 18-20 = 4-5.

Potius var. *Metasphaeriae saepincolae* cui valde affinis.

Massarina alnicola (Cooke et Mass.) Berl. *Calospora alnicola* Cooke et Masse in Grev. XVI, p. 47. Sacc. Suppl. Tot. Syll. I, p. 872.

Hab. in ramulis Alni autumnalis emortuis in « Horto Kewensi Britanniae » (Tab. CXXIII fig. 3. — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia sparsa vel subinde 1-3 acervulata, numquam stromate immersa, peridermio tecta eique soluto adhaerentia, cupuliformia, fere $\frac{1}{2}$ mm. d.; asci 65-70 = 15-18; sporidia 20-22 = 5-6 muco destituta.

Perithecia *Ditopellae*, asci et sporidia *Calosporae*.

Massarina penicillata Sacc. Syll. Pyr. II, p. 156. *Massaria penicillata* Sacc. Mich. I, p. 404, Fungi It. tab. 408.

Hab. in ramulis corticatis Cytisi nigrisanticis in silva « Montello Ital. bor. » (Tab. CXX fig. 4. — Ex specim. orig. a cl. Sacc. benevole comm.).

Perithecia laxe gregaria, subcutanea, $\frac{1}{3}$ mm. d., apice setulis septatis 50 \times 3 ornata; asci 90 \times 15; sporidia 20 \times 8.

Massarina Corni (Fuck.) Sacc. Syll. Pyr. II, p. 154 *Massaria Corni* Fuck. Symb. Myc. App. I, p. 303, Winter Pilze II, p. 541. Rehm Ascom. n. 698.

Hab. in ramis emortuis corticatis Corni sanguineae in « Germania ». (Tab. CXXIV, fig. 1. — Ex spec. Winterianis a spect. Directione Musaei berolin. benevole comm.).

Perithecia gregaria, tecta, nucleo albo farcta, minuta, $\frac{1}{4}$ mm. d.; asci 95-105 \times 18-20; sporidia 32-34 \times 10-12.

Massarina eburnea (Tul.) Sacc. Syll. Pyr. II, pag. 153. *Massaria eburnea* Tul. Sel. Fung. Carp. II, p. 239, tab. XXV, fig. 5-9. Fuck. Symb. Myc. p. 154, tab. VI, fig. 8. Rehm Asc. n. 697. Winter Pilze II, p. 540. *Sphaeria Pupula* var. *minor* Desm. Pl. Crypt. Edit. II, n. 1764.

Hab. in ramis Fagi silvaticae, raro Betulae, in « Gallia, Germania, Italia et Britannia ». Tab. CXXIV fig. 2. — Ex specim. in Rehm Asc. I. c. cum aliis e regionibus variis comparatis).

Perithecia saepe gregaria, $\frac{1}{4}$ mm. d., tecta; asci 130-140 \times 14-17; sporidia 28-32 \times 8-10 (sine muco).

Massarina eburnoides Sacc. Syll. Pyr. II, p. 153. *Massaria eburnoides* Sacc. Mich. I, p. 41, Fungi it. tab. 145.

Hab. in ramulis corticatis, emortuis Coryli Avellanae « Conegliano Ital. bor. ». (Tab. CXXIV, fig. 3. — Ex specim. orig. a cl. Sacc. benevole comm.).

Perithecia sparsa, tecta, $\frac{1}{3}$ - $\frac{1}{4}$ mm. d.; asci 120-130 \times 18-20; sporidia 30-32 \times 12-15.

Massarina lunulata (Tul.) Sacc. Syll. Pyr. II, p. 155. *Massaria lunulata* Tul. Sel. Fung. Carp. II, p. 241.

Hab. in corticibus Fagi silvaticae et Aceris Pseudoplatani in « Alpibus Delphinatus Galliae ». (Tab. CXXV, fig. 1. — Ex specim. orig. (in *Fago*) a cl. Hariot Musaei parisiensis benevole missis.).

Perithecia tecta, gregaria, $\frac{3}{4}$ mm. d., coriacea, crassa; asci stipitati, 100-110 \times 18-20 p. sp., stipite 40-50 μ , longo; sporidia 28-32 \times 7-8.

Sporidiorum fabrica *M. Corni* valde appropinquat, sed ab ea peritheciorum natura longe recedit.

Massarina hysteroides (Ell. et Ever.) Berl. *Leptosphaeria hysteroides* Ell. et Ev. Bull. Was. Lab. Nat. Hist 1884, p. 4. North Am. Fungi n. 1658, et North Am. Pyrenom. p. 371. Sacc. Suppl. Syll. I, p. 782.

Hab. in foliis emortuis Xerophylli tenacis in « Monte Paddo, Am. bor. ». (Tab. CXXVI, fig. 1. — Ex specim. orig. in Ellis North Am. Fungi exsiccati. I. c.).

Perithecia gregaria, diu epidermide nigricanti, demum longitudinaliter fissâ tecta, $\frac{1}{4}$ mm. diam.; globoso-depressa, nucleo albo farcta; asci 95-105 \times 18-24; sporidia muco obvoluta, 25-27 \times 8-10 (sine muco) hyalina.

Massarina Myricae (Peck) Berl. *Metasphaeria Myricae* Peck in 38 Rep. St. Mus. p. 105, tab. 2, fig. 24-26. Sacc. Suppl. Tot. Syll. I, p. 84.

Hab. in ramis emortuis Myricae Gales « Caroga Amer. bor. ». (Tab. CXXVI, fig. 2. — Ex specim. orig. a cl. Peck benevole comm.).

Perithecia gregaria vel dense sparsa, late conoidea, $1\frac{1}{3}$ - $\frac{1}{2}$ mm, diam., intus alba, coriacea; asci 85-95 \times 14-18; sporidia 26-30 \times 7-8, primo biconoidea, dein pseudotri septata, hyalina, muco oboluta.

Species excludendae

Massarina Tiliae (P. et P.) Sacc. Sec. specim. orig. ad *Massariellam Curreyi* pertinet. *Massarina Winteri* est *Metasphaeriae sepincolae* potius adscribenda.

MELOMASTIA Nits. et Fuck. Symb. Myc. App. I, p. 306. Sacc. Syll. Pyr. II, p. 213.

Perithecia globosa, papillata, carbonacea, initio tecta, mox cortice secedente nudata. Asci octospori. Sporidia oblonga, obtusa, bisepxtata.

Genus inter *Metasphaeriam* et *Zignoellam* locandum. A *Zignoella* differt peritheciis subinde clypeo stromatico tectis, a *Metasphaeria* vero etiam peritheciis demum liberis lignicolisque distinguida.

Melomastia Friesii Nits. in Fuck. Symb. Myc. App. I, p. 306. Sacc. Syll. Pyr. II, p. 213. *Sphaeria mastoidea* Fries Syst. Myc. II, p. 463. *Sphaeria Lonicerae* Sow. Engl. Fungi tab. 393, fig. 6. *Sphaeria revelata* Berk. et Br. Not. Brit. Fungi n. 634, tab. 11, fig. 18. *Sphaeria fraxinicola* Curr. in Linn. Trans. tom. XXIV tab. XXV, fig. 34. *Sphaeria Opuli* Fuck. Symb. Myc. p. 115, tab. III, fig. 24. *Trematosphaeria mastoidea* Winter Pilze II, p. 274. *Leptosphaeria Emiliiana* Fabre Ess. Spher. Vaucl.

Hab. in ramis truncisque denique decorticatis Salicis, Fraxini, Pistaciae, Lonicerae, Viburni, Syringae Alni, Symphoricarpi, Iasmini, Artemisiae, Ligustris, Corni, Hederae, Sambuci, Eupatorii etc. in « Italia, Gallia, Germania, Graecia, Britannia, Belgio, Helvetia et Amer. bor. ». (Tab. CXXV fig. 2. — Ex specim. ital. in Herb. Sacc.).

Perithecia sparsa, primo tecta dein emergentia, demum libera basique insculpta, vel ligno plus minusve infossa, $1\frac{1}{2}$ - $\frac{3}{4}$ mm. diam.; subinde clypeo stromatico atro tecta et tum cum clypeo, 1 mm. diam., asci 120-140 \times 8-10; sporidia 15-18 \times 6-7.

Species non examinata

Mel. antarctica Speg. F. Fung. n. 233. Sacc. Suppl. I, Syll. p. 859 n. 3498, (non n. 3496) sub *Herpotrichia*. A *Mel. Friesii* non nimis differt

MELANOPS Tul. em. Sacc. Syll. Pyr. II, p. 231. Stroma lentiforme, spongioso proprio adnatum. Perithecia immersa. Ascii paraphysati, octospori. Sporidia oblonga, pluriseptata, hyalina.

Genus mihi dubium et numquam observatum.

Melanops mirabilis Fuck. Symb. Myc. p. 225. Sacc. Syll. Pyr. II, p. 231.

Hab. in Cytispora pisiformi prope « Genevam ».

Stroma lentiforme, applanatum, orbiculare, in *Cytisporae* globulorum vertice adnatum lineam latum, rugulosum, atrum; perithecia immersa, globosa, nucleo albo; ascii oblongi, ampli, octospori, 104 \times 14, paraphysati; sporidia oblonga, biseptata, hyalina, 28 \times 7.

CERIOSPORELLA Berl. nov. gen. Perithecia epidermide tecta papillata. Ascii clavati, octospori. Sporidia fusoidea, subcymbiformia, pluriseptata, utrinque setigera hyalina.

Est *Ceriospora* sporidiis hyalinis.

Ceriosporella Patouillardii (Let.) Berl. *Ceriospora Patouillardii* Letendr. in Pat. Icon. anal. Fung. fasc. V., n. 497, p. 215. *Ceriospora Ulicis* Pat. in Rev. Myc. 1885, p. 153. Sacc. Suppl. tot. Syll. I, p. 845.

Hab. in ramis emortuis Ulicis europaei « Grand-Quévilly prope Rouen Galliae ». (Tab. CXXVII, fig. 1. — Ex Pat. l. c.).

Perithecia gregaria, superficia vel epidermide tecta; ascii 136 \times 7-14; sporidia 30-36 \times 5-6 (excluso mucrone) hyalina, uniseptata.

Aff. *Ceriosporae Dubyi*. An demum sporidia sunt triseptata et colorata?

Ceriosporella bicalcarata (Ces.) Berl. *Sphaerella bicalcarata* Ces. in Hedw. 1872, p. 181, Erb. Critt. it. II Ser. n. 1167, Rab. Fungi Eur. n. 1561. *Ceriospora bicalcarata* Sacc. Syll. Pyr. II, p. 186.

Hab. in petiolis exsiccatis Chamaeropis humilis in « Horto botanico Neapolitano et Pisano Italiae ». (Tab. CXXVII, fig. 2. — Ex specim. orig. a cl. Pirotta benevoli communicat.).

Perithecia tecta, seriatim aggregata, minuta, $1/4$ mm. d., in forma neapolitana (Rab. l. c.) pseudostromate corticali atro-fuligineo, effuso tecta; in forma pisana (Erb. Critt. it. l. c.) stromate vix manifesto (saltem in specim. examin.); ascii 70-80 \times 12-14; sporidia 32-34 \times 6-7, utrinque setigera, medio pseudo-uniseptata, hyalina nubilosa (an demum 3-septata colorataque?) calcaribus 12-15 \times 1.

Ceriosporella fuscescens (Niessl) Berl. (Sacc. Syll. II, p. 185 sub *Ceriospora*) peritheciis in maculis fuscis vel fuscescentibus densissime stipatis, tectis; ascis clavatis sporidiisque fusoideis vel lunulatis, utrinque acutis, medio septatis, non constrictis, 30-36 \times 7-8 (excl. mucronibus) hyalinis, valde affinis videtur *Ceriosp. bicalcaratae*, cuius ut var. haberis posset, si mihi suspicio non extaret *Ceriosporellas* potius formas immaturas esse. Si vero in hac specie,

in *C. bicalcarata* et in *C. Patouillardii* sporidia semper hyalina didymaque manerent, genus hoc totum inter *Hyalodidymas* censendum esset, et verisimiliter huic adscribenda esset etiam *Ceriospora Dubyi* Niessl, quae in Icone nostra XVIII sub figura secunda adumbratur.

HYPOSPILA Fr. Summ. Veg. Scand. p. 421. Sacc. Syll. Pyr. II, p. 189, Winter Pilze II, p. 564 Karst. Rev. Mon. Ascom. Fenn. p. 43 Brun. Flor. Myc. Ouest. p. 184 Briard Flor. p. 337 Bomm. et Rouss. Florul. p. 211 Ell. et Ev. North Am. Pyr. p. 412.

Perithecia parenchymate foliorum immersa, tenerrima, clypeo stromatico phyllogeno, nigricante tecta, rostro laterali, subinde longiusculo, nonnisi sero epidermidem, puncti nigri instar, perforante. Asci fusoideo-clavati, apaphysati, octospori. Sporidia uni-vel demum triseptata, hyalina.

Fungilli epidermide colore rufescente-fusco tinctâ bullatimque inflatâ tecti. Quoad vegetationem *Gnomoniis* cognati.

Hypospila groenlandica Rostr. F. p. 561. Sacc. Suppl. Syll. I. p. 849, *Hab. in foliis dejectis Salicis glaucae in « Groenlandia ».* (Tab. CXXVIII, fig. 1, folio excepto quod ad n. 2, sive *Hyp. Pustulam*, pertinet. — Ex specim. orig. a cl. Rostrup. benevole comm.).

Perithecia subsparsa, parenchymate folii immersa, utrinque epidermide bullatim inflatâ tecta; asci 100-115 × 10-14; sporidia 48-55 × 4-6, hyalina, semper biseptata.

Hypospila Pustula (Pers.) Karst. Myc. Fenn. II, p. 127. Sacc. Syll. Pyr. II, p. 189. Winter Pilze II, p. 564. *Sphaeria Pustula* Pers. Syn. p. 91. *Phoma Pustula* Fries Syst. Myc. II, p. 547. *Sphaeria pleuronervia* De Not. Micr. it. Dec. IX, n. 9. *Isothea Pustula* Berk. Outl. Brit. Fungi p. 392. *Sphaeria oleipara* Sollm. Hedw. V, p. 65. *Gnomonia Pustula* Auersw. Myc. eur. V-VI, p. 21, tab. VIII fig. 117.

Hab. in foliis dejectis Quercus pedunculatae in « Germania, Italia, Suecia, Fennia, Belgio, Britannia, Hungaria et America ». (Tab. CXXVIII, fig. 2. — Ex specim. a cl. Linhart in *Fungis hungaricis* n. 467 editis).

Perithecia sparsa, parenchymate folii immersa, utrinque epidermide bullatim inflatâ et plerumque colore rufescenti-fusco tincta tecta, depresso-sphaeroidea, latere in rostrum nigrum breviter conoideum acuminata; asci 65-80 × 10-12; sporidia 20-22 × 4-5, diu uniseptata, dein triseptata, hyalina.

Hypospila Rehmii Sacc. Syll. Pyr. II, p. 189. *Sphaerella carpinea* Rehm Ascom. Exsic. n. 496. *Agriospora carpinea* Rehm Asc. Diagn. n. 496 (nec *Sphaeria carpinea* Fr. et Auct.).

Hab. in foliis subputridis Carpinii Betuli prope « Lohr a M. in Germania ». (Tab. CXXIX fig. 1. — Ex specim. orig. in Rehm I. c.).

Perithecia dense sparsa, foliorum parenchymate immersa, epidermidie

punctiformi-nigrefactâ tecta, globoso-depressa, dein collabascendo sursum concava, 140-150 μ . diam.; asci 60-65 \times 10-13; sporidia 18-22 \times 4-5 hyalina.

Quoad sporidiorum fabricam, affinis *Hyposp. Pustulae*.

Hypospila bifrons (D. C.) Sacc. Syll. Pyr. II, p. 190. Winter Pilze II, p. 565. *Xyloma bifrons* De Cand. Fl. Fr. VI, p. 156. Fries Syst. Myc. II, p. 438. *Sphaeria bifrons* Kunze et Schm. Deutschl. Schwämme n. 204. *Hypospila quercina* f. *bifrons* Fries Summa Veg. Sc. p. 421. *Gnomonia bifrons* Auersw. Myc. Eur. V, VI, p. 20, tab. VIII, fig. 118. *Sphaeria circumvallata* Sow.

Hab. ad folia exsiccata Quercus pedunculatae etc. in « Gallia, Germania, Suecia, Belgio, Italia, Britannia ». (Tab. CXXIX, fig. 2. — Ex specim. orig. candolleanis a cl. Hariat Musaei parisiensis benevole communicatis).

Perithecia convexa, prominula, parenchymate saturate nigrificato immersa; asci 50-60 \times 10-12, sporidia 11-13 \times 3-4, hyalina, ad basim uniseptata.

Species ab *Hypospila Pustula* toto coelo diversa, et parenchymate epidermideque foliorum stromatice nigrificatis mox dignoscenda. Maculae nigrae, nitide a nervulis angulatim delimitatae et stromata simulantes, in utraque pagina foliorum se ostendunt, et aream pallescentem saepe colunt. In specimenibus quoque Candolleanis, quibus adumbratio mea excerpta est, asci et sporidia optime servata inveni !

Hypospila immunda (Fuck.) Sacc. Syll. Pyr. II, p. 190. Winter Pilze II, p. 565 *Sphaeria immunda* Fuck. Symb. Myc. p. 108, tab. III, fig. 10 a. b.

Hab. in foliis adhuc pendulis Quercus in « Germania, Britannia ». (Tab. CXXX, fig. I. — Ex specim. orig. in Rehm Fungi rhen. n. 843 editis, et a cl. Prof. Briosi benevole comm.).

Perithecia minuta in utraque pagina foliorum crusta tenui, vix manifestâ tecta, globoso-depressa; asci 58-68 \times 7-9; sporidia 10-12 \times 5, hyalina.

Cum *Gnomoniae* speciebus congruit.

SPHAERULINA Sacc. Mich. I, p. 399. Syll. Pyr. II, p. 186. Winter Pilze II p. 403 Brun. Flor. Myc. Ouest, p. 184. Briard Florule p. 315 Bomm. e Rouss. Flor. 211.

Perithecia tecta, globosa vel lenticulata, papillata. Asci apophysati, saepe saccati, octospori. Sporidia cylindracea vel oblonga, transverse pluriseptata, hyalina.

Genus satis singulare, species alias sporidiis minutis, alias maximis complectens, recte in sectiones duas, « microsporae » et « macrosporae » dividendum.

A *Sphaerella* differt sporidiis pluriseptatis.

Sphaerulina primulicola (Wint.) Berl. *Sphaerella primulicola* Winter Hedw. 1880, p. 166. *Leptosphaeria primulaecola* Sacc. Syll. Pyr. II, p. 49. Winter Pilze II, p. 486.

Hab. in foliis petiolisque Primulae latifoliae « Albula-Hospiz, Helvetiae ». (Tab. CXXX, fig. 2. — Ex specim. orig. a cl. J. Urban Musaei berolinensis benevole comm.).

Perithecia in soros $\frac{1}{2}$ -1 mm. diam. collecta, superficialia, 60-90 μ diam.: asci 50-55 \times 20-25, aparaphysati; sporidia bisepata, 18-20 \times 10-12 (cum halone mucoso), hyalina, sera maturitate fuscidula. Certe inter *Hyalophragnias* censenda et a genere *Sphaerulina* haud rite separanda.

Sphaerulina Potentillae Rostrup Islands Svanpe p. 11. Sacc. Supp. Tot. Syll. I, p. 846.

Hab. in caulis Potentillae maculatae in « Islandia ». (Tab. CXXX, fig. 3. — Ex specim. orig. a cl. Setectore benevole comm.).

Perithecia punctiformia, gregaria, asci saccato-clavati 38-45 \times 22-25; sporidia 4-septata, 16-20 \times 6-7 hyalina.

Sphaerulina intermixta (Berk. et Br.) Sacc. Syll. Pyr. Vol. II, p. 187. Fungi It. tab. 347. Winter Pilze II, p. 404. *Sphaeria intermixta* Berk. et Br. Not. Brit. Fungi n. 639. Cooke Handb. p. 889. *Sphaerella intermixta* Auersw. Pyr. Herb. Heufl. p. 4. *Pringsheimia Rosarum* Schultzer Pfauz. Slav. p. 57. *Stigmatea seriata* Winter in Flora 1872, p. 544. *Sphaeria glomerulata* Fuck. Symb. p. 113. *Didymella glomerulata* Sacc. Syll. I, p. 546. *Sphaeria abbreviata* Cooke Handb. p. 793. *Leptosphaeria abbreviata* Sacc. Syll. Pyr. II, p. 26. (Cfr. Berlese Icones Fung. Fasc. II, p. 87).

Hab. in ramis emortuis Rubi, Rosae et Corni in « Britannia, Germania, Italia, Banatu ». (Tab. CXXXI, fig. 1. — Ex specim. italicis in Herb. Sacc.).

Perithecia gregaria, minuta 89-100 μ . diam.; asci eximie roseolati, 40-50 \times 12-15; sporidia 16-20 \times 5-6, tri-quinquespata subinde septulo longitudinali loculo uno altero divisa, pallidissime flavescentia.

Forma *Corni* (Cfr. Sacc. Syll. I. c. p. 188) a typo non satis differt.

In forma *constricta* cl. Starbäck. (Cfr. Starb. Ascom. vel p. 15, fig. 15, et Sacc. Suppl. Syll. p. 848), sporidia majora, nempe 20-30 \times 7, ad septum medium magis constricta subinde septulo longitudinali divisa describit, sed (ut ex adumbratione mea patet) characteres hi etiam in typo inveniuntur, et ex examine speciminum originalium varietatis *constrictae* a cl. Starbäck benevole communicatorum, nullum mihi patuit discrimin a forma typica. Neque matrix!

Sphaerulina Ceanothi (Cooke et Harkn.) Berl. *Sphaeria Ceanothi* Cooke et Harkn. in Grev. XIII, p. 19. *Leptosphaeria Ceanothi* Berl. et Vogl. Add. Syll. p. 136. Sacc. Suppl. Syll. I, p. 76.

Hab. in ramulis Ceanothi in « California ». (Tab. CXXXI, fig. 2. — Ex specim. orig. a cl. Cooke benevole communic.).

Perithecia gregaria, minuta $\frac{1}{5}\frac{1}{4}$ mm. d.; asci 45-55 \times 10-12 fasciculati

aparaphysati; sporidia 14-16 \times 6-8, triseptata, raro septulo longitudinali, divisa (ut in *Sph.* intermixta cui affinis), hyalina vel vix lutescentia.

Sphaerulina inquinans Rehm Beitr. Ascom. in Hedwigia 1882, p. 122. Sacc. Syll. Pyr. II, p. 188. Winter Pilze II, p. 404.

Hab. ad glumas lunci Hostii siccas prope « Küthai Tyroliae (altit. c. 6250 ped.) ». (Tab. CXXXI, fig. 3. — Ex specim. orig. a cl. Rehm benevole communicatis).

Perithecia minutissima, $1/8$ - $1/9$ mm. d., aggregata, in massam atram consociata; asci 40-50 \times 10-14, nubilos-paraphysati, piriformes vel subcylindracei; sporidia di-tristicha, 16-18 \times 5-6, hyalina.

Facie ascorum et paraphysisibus diffluentibus potius inter *Metasphaerias* censenda, et *M. culmifidae* et *M. lacustri* affinis.

Sphaerulina baccarum Rehm Beitr. Ascom. in Hedwigia 1882, p. 122. Sacc. Syll. Pyr. II, p. 188. Winter Pilze II, p. 404.

Hab. ad baccas putridas Juniperi nanae prope « Küthat alpium Tyroliae ». (Tab. CXXXI, fig. 4. — Ex specim. orig. a cl. Rehm benevole communicatis).

Perithecia minutissima basi hyphis longis, flexuosis, teneris, fuscis cincta; asci 45-75 \times 22-24; sporidia 22-25 \times 6-8.

Sphaerulina subglacialis Rehm in Hedw. 1885, p. 243. Sacc. Suppl. Tot. Syll. I, p. 847.

Hab. ad caules putridos Trifolii pallescentis ad glaciem aeternam montis « Ortler prope Sulden in Tyrolia ». Tab. CXXXII, fig. 1. — Ex specim. orig. a cl. Rehm benevole comm.).

Perithecia sparsa, globosa, in epidermide dealbata caulum primitus immersa, 0,2 mm. diam.; asci 60-70 \times 30-38; sporidia 25-30 \times 10-15, hyalina.

Affinis *Sphaerulinae baccarum*. In exemplari examinato frequentissime occurunt *Pyrenospora chrysospora*, *Pleospora rubicunda* et *Sphaerella quaedam*.

Sphaerulina taxicola (Peck.) Berl. *Sphaeria taxicola* Peck 24 Rep. p. 99. *Leptosphaeria taxicola* Sacc. Syll. Pyr. II, p. 85.

Hab. in pagina superiore, quam omnino occupat, foliorum Taxi canadensis « Sandlake Am. bor. ». (Tab. CXXXIV, fig. 2. — Ex spec. orig. a cl. Peck. benevole communicatis).

Perithecia minuta, gregaria, $1/5$ - $1/6$ mm. d.; asci 45-55 \times 10-12, apaphysati, collecti; sporidia 15-17 \times 5-6, hyalina.

Sphaerulina Boudieriana Sacc. et Malbr. Fungi Gall. Ser. V. n. 2167, Sacc. Suppl. Tot. Syll. I, p. 847.

Hab. in foliis emortuis Scabiosae silvaticae « Brionne Galliae ». (Tab. CXXXII, fig. 3. — Ex specim. orig. a cl. Saccardo benevole comm.).

Perithecia sparsa, epiphylla, rarius hypophylla, globoso-depressa 100-120 μ .

diam., primo epidermide velata dein subsuperficialia; asci 35-45 × 10-12; sporidia 16-20 × 4-4, hyalina.

Inter *Metasphaeriam* et *Sphaerulinam* fere ambigua. Dimensiones ascorum et sporidiorum, secundum cl. Saccardo, sunt paulo meis superiores (Cfr. Sacc. l. c.).

Sphaerulina umbilicata Sacc. et Malbr. Mich. II, p. 64, Syll. Pyr. II, p. 187.

Hab. in caulis Succisae pratensis « Rouen Galliae ». (Tab. CXXXIII, fig. 1. — Ex specim. orig. a cl. Saccardo benevole communicatis).

Perithecia sparsa 110, µ. diam.; asci 45-55 × 12-14, diu cohaerentes, apaphysati; sporidia 22-26 × 3-4, hyalina.

Sphaerulina myriadea (D. C.) Sacc. Syll. Pyr. II, pag 186. Winter Pilze II, p. 403. Ellis et Ev. North American Pyr. p. 312. *Sphaeria myriadea* D. C. Fl. Fr. VI, p. 148. *Sphaerella myriad.* Rabh. Fungi eur. 149. Auersw. Myc. eur. fig. 9.

Hab. in foliis dejectis Quercus et Fagi in fere tota « Europa et Amer. bor. » (Tab. CXXXIII, fig. 2. — Ex specim. a cl. Vize in « Micro-fungi britannici » (n. 195) editis, cum aliis (et originalibus quoque) e variis regionibus comparatis).

Perithecia aggregata, minuta, 90-100 µ. d., prominula, epiphylla; asci cylindracei, 60-80 × 8-10; sporidia saepe triseptata, 28-30 × 3-4, hyalina vel dilutissime viridula.

Sphaerulina myriadea forma **serograptia** (D. et M.) Sacc. Syll. Pyr. II, p. 187 (ut species). *Sphaeria serograptia* Dur. et Mont. Fl. Alg. 537, *Sphaerella serograptia* Auersw. Myc. Eur. Pyr. p. 12. fig. 14.

Hab. in foliis siccis Quercus cocciferae et Q. Ilicis in « Algeria et Gallia australi » (Tab. CXXXIII, fig. 3. — Ex specim. orig. a cl. Castagne lectis et a cl. Hariot benevole comm.).

Perithecia hypophylla, minuta, 150-200 µ. d.; hinc inde aggregata, et epidermide stellatim fissâ emergentia; asci 70-80 × 10-12; sporidia 32-34 × 3-4, hyalina.

Sphaerulina myriadea forma **fraxinea** S. et S. Mich. I, p. 399. Fungi it. tab. 346. Syll. Pyr. II, p. 187 (ut species).

Hab. in foliis languidis Fraxini Orni « Pianzano, Ital. bor. » (Tab. CXXXIV, fig. 1. — Ex specim. orig. a cl. Saccardo benevole comm.).

Perithecia sparsa, lenticulari-globosa, 100-110 µ. diam., prominula, hypophylla; asci 60-70 × 9-11; sporidia 28-30 × 3-4, saepe triseptata, subinde 4-5-septata, hyalina vel vix viridula.

A typo differt peritheciis hypophyllis.

Sphaerulina pachyasca (Niessl) Berl. *Leptosphaeria pachyasca* Niessl in Hedw. 1882, p. 111. Winter Pilze II, p. 489. *Metasphaeria pachyasca* Sacc. Syll. Pyr. II, p. 171. *Sphaerulina callista* Var. *Vossii* Rehm in Voss Mat. Pilz. Krains X, p. 220. Sacc. Suppl. Tot. Syll. I, p. 847.

Hab. in foliis siccis Campanulae caespitosae et C. Scheuchzeri « Grosskahlenberg prope Laibach et Katharinatale prope Neumartil Carniolae ». (**Tab. CXXXI, fig. 2.** — Ex specim orig. *Sphaer. callistae* var. *Vossii* a cl. Rehm benevole communicatis.).

Perithecia sparsa, 300 μ . diam.; asci ampli, magni, 160-190 \times 80-90; apophysati, sporidia 56-72 \times 22-30, plerumque 6-septata, hyalina, episporio crasso halonem mucosum simulante, cincta.

Paraphyses a cl. Niessl notatae potius ut asci steriles habendae.

Sphaerulina pachyasca var. **callista** Rehm Beitr. Ascom. in Hedw. 1882, p. 122, (ut spec.). Sacc. Syll. Pyr. II, p. 188 (ut species).

Hab. in caulibus siccis Alsines? in Valle Pilz Alpium Tyroliae.

Perithecia minima, globosa vel subconica, sparsa; asci ovales 150 \times 50; sporidia ellipsoidea, plerumque 6-cellularia, hyalina, volvâ mucosa circumdata, loculo tertio caeteris crassiore.

Sphaerulina Annae (Oud.) Berl. *Metasphaeria Annae* Oud. Contr. Fl. Myc. Now. Semlja p. 12, tab. I, fig. 9. Sacc. Suppl. Tot. Syll. I, p. 826.

Hab. in Ranunculo nivali var. sulphurea « Nowaja Semlja ». (**Tab. CXXXV, fig. 3.** — Ex iconе Oudemansiano).

Perithecia sparsa, 200 μ . diam., depresso globosa, ostiolo vix papillato; asci 130 \times 50 octospori; sporidia 60 \times 14 (sine muco), loculis altitudine inaequalibus, hyalina, strato mucoso 3-4 μ . crasso obvoluta.

An eadem ac *Sphaerul. pachyasca?* Certe ad hoc genus pertinet.

Species incertae vel non examinatae.

Sphaerulina Leightoni (Berk.) Sacc. *Sphaer. islandica* Rostr. *Sphaer. Giliae* Speg. non vidi. *Sphaer. Coriariae* Pass. Ex specim. orig. nihil eruere potui. *Sphaer. Camelliae* Pass. non vidi. *Sphaer. Pini* Pass. Non vidi. *Sphaer. sambucina* Peck. id. *Sphaer. Staphyleae* Pass. id. *Sphaer. Acetabulum* (Berk.) Sacc. id. *Sphaer. Caricis* Pat. id. *Sphaer. cetraricola* (Nyl.) Karst. id. *Sphaer. assurgens* (Cooke) Berl. id. *Sphaer. Todeae* (Cooke) Berl. ex specim. orig. nihil eruere potui.

METASPHAERIA Sacc. Syll. Vol. II, p. 156. Brunaud Flore Mycol. Ouest. p. 183 Briard Florule p. 312. Bommer et Rouss. Florule p. 208 Ellis et Ever. North. Amer. Pyr. p. 379.

Perithecia epidermide tecta, dein subinde erumpentia, membranacea, papillata. Asci paraphysati, octospori. Sporidia ellipsoidea vel oblongo-fusoidea, bi-pluriseptata, hyalina, subinde muco obvoluta. Genus *Leptosphaeriae* et *Sphaerulinae* valde affine et subinde ab eis aegre separandum; speciebus non nullis ad *Massarinam* vertit, a quo praecipue differt peritheciis tenuioribus, membranaceis, saepius caulicolis.

Metasphaeria Trollii Kárst. in Hedw. 1884, n. 6, p. 3 et Rev. atque Syn. Ascom. Fenn. p. 43. Sacc. Suppl. Tot. Syll. p. 826.

Hab. ad caules emortuos Trollii europaei prope « Plenji maris glacialis ». (Tab. CXXXV, fig. 2. — Ex specim. orig. a cl. Karsten benevole comm.).

Perithecia in greges minutos sociata, 300-400 μ . diam.; asci 60-70 \times 8; sporidia 12-14 \times 3-4 hyalina 3-4-guttata. Mihi videtur potius fungus immaturus.

An plenus evolutus ad *Leptosphaeriam* adscribendus?

Metasphaeria Leersiae (Pass.) Sacc. Syll. Pyr. II, p. 173. *Sphaerella* Leersiae Pass. in Thuem. Myc. Univ. n. 965 et Hedw. 1878, p. 46.

Hab. in foliis aridis Leersiae oryzoidis prope « Parma Ital. bor. ». (Tab. CXXXV, fig. 3. — Ex specim. orig. in Thuem. l. c.).

Perithecia sparsa, minima, $1/10$ mm. d.; asci 35-38 \times 8; sporidia 12-14 \times $3\frac{1}{2}$ -4.

Ob specimina senescencia septa secundaria non vidi, et speciem retulisse cl. Passerini, sed mihi videtur potius *Hyalodidyma*. Habitus est *Sphaerellae* sed asci sunt paraphysati. Potius *Didymella*.

Metasphaeria involucralis Sacc. Syll. Pyr. II, p. 172. *Leptosphaeria involucralis* Pass. in Hedw. 1873, 140 *Sphaeria involucr.* Pass. in Rab. Fungi europ. n. 1632.

Hab. in involucris Castanearum « Collecchio prope Parma It. bor. ». (Tab. CXXXV, fig. 4. — Ex specim. orig. in Rab. I. c. a cl. Pirotta benevole comm.).

Perithecia subgregaria, minuta $1/6\cdot1/7$ mm. d.; asci paraphysati, 30-35 \times 8; sporidia 12-15 \times 3, biconoidea, uniseptata, quadriguttata.

Vix *Metasphaeria*. Potius *Didymella*. A typo differt praecipue sporidiis semper uniseptatis.

Metasphaeria cocogena (Cooke) Sacc. Syll. Pyr. II, p. 172. *Sphaeria cocogena* Cooke Grev. V, p. 102, tab. 86, fig. 8.

Hab. in foliis Cocos nuciferae « Demerara ». (Tab. CXXXVI, fig. 1. — Ex specim. orig. a cl. Cooke benevole communic.).

Perithecia subsparsa $1/4\cdot1/3$ mm. d. epidermide albo-punctato tecta; asci 60-12; sporidia 14-18 \times 5-6. Appendiculas non vidi. Specimen mihi immaturum videtur.

Metasphaeria ocellata (Niessl) Sacc. Syll. II, p. 157. Winter Pilze II, p. 468. *Lept. ocellata* Niessl in Kunze F. Sel. exsicc. cent. IV, n. 334.

Hab. in caulibus aridis Hyperici perforati prope Zürich Helvetiae. (Tab. CXXXVI, fig. 2. — Ex specim. orig. in Kunze l. c.).

Perithecia subgregaria $1/4\cdot1/3$ mm. d.; asci 60-70 \times 10-12; sporidia 17-19 \times 5-6 (non 9-10 \times 5-6 ut in Sacc. Syll. et Wint. l. c.).

Metasphaeria Cumanella Sacc. et Berl. Myc. aliq. Guin. p. 3. in Rev. Myc. 1889. Sacc. Suppl. Syll. I, p. 839.

Hab. in foliis emortuis Musae « S. Thomè Nova Moka Afr. occid. ». (Tab. CXXXVI, fig. 3).

Perithecia gregaria, amphigena, sed plerumque hypophylla. $1\frac{1}{8}-1\frac{1}{6}$ mm. d.; ascii 50-60 \approx 12-14; sporidia 15-18 \approx 3-4.

Metasphaeria corticola (Fuck.) Sacc. Syll. Pyr. II, p. 166. Berl. et Bres. Microm. Tridentini p. 40. *Lept. cort.* Sacc. Mich. I, p. 342. Fungi it. tab. 288. *Sphaeria cort.* Fuck. et Symb. p. 14, tab. III, fig. 14. *Metasphaeria lejostega* Sacc. Syll. Pyr. II, p. 164, Briard Flor. Crypt. p. 312. *Sphaeria lejostega* Ell. Torr. bot. Club 1881, p. 91. *Sphaeria cinerea* Fuck. Symb. Myc. p. 114, F. rhen 2044. *Met. cin.* Sacc. Syll. II, p. 166. *Lept. ciner.* Winter Pilze II, p. 474.

Hab. in ramis variis ex. gr. Pruni, Salicis, Caryae, Rosae, Vaccinii etc. « New-field New Jersey Am. bor. » et au Prédillon près des Marots, Aube Galliae Oestrich. Germaniae et prope Trento Austriae. (**Tab. CXXXVI, fig. 4.** — Ex specim. orig. *M. lejostegae* in North Am. Fungi cum iis *M. cortic.* et *M. cinereae* orig. comparatis).

Perithecia sparsa, epidermide circa ostiolum atratâ tecta, $\frac{1}{4}$ mm. d.; ascii 95-110 \approx 8-12; sporidia 15-18 \approx 4-6. An *Melomastia*?

Metasphaeria lacustris (Fuck.) Sacc. Syll. Pyr. II, p. 173. *Sphaeria (?) lacustris* Fuck. Symb. Myc. App. II, p. 22. Fungi rhen. n 2436, *Leptosphaeria lacustris* Winter Pilze II, p. 451.

Hab. in foliis putrescentibus sed adhuc stantibus Typhae angustifoliae prope « Budenheim Germaniae (**Tab. CXXXVII, fig. 2.** — Ex specim. orig. in Fung. rhen. editis a cl. Briosi benevole comm.).

Perithecia gregaria, minuta $1\frac{1}{5}-1\frac{1}{4}$ mm. d. (non 1 mm. ut in Fuck. l. c.) ascii 65-70 \approx 10-12; sporidia 12-15 \approx 5, diu uniseptata.

Metasphaeria culmifida (Karst.) Sacc. Syll. Pyr. II, p. 674. *Leptosphaeria culmifida* Karst. Myc. Fenn. II, p. 103.

Hab. in culmis Phlaei pratensis in « Fennia ». (**Tab. CXXXVII, fig. 2.** — Ex specim. orig. a cl. Karst. benevole comm.).

Perithecia sparsa, $\frac{1}{5}$ mm. d.; ascii 60-70 \approx 12-14; sporidia 20-22 \approx 6-8, nubiloso-hyalina.

Met. culmifida forma **Poae** (Niessl) Berl. *Leptosphaeria Poae* Niessl in Rehm Ascom. n. 643, in Hedw. 1882, p. 83. Winter Pilze II, p. 446 Rabenh.-Winter F. Eur. n. 2854. *Metasp. Poae* Sacc. I. c. p. 175.

Hab. in culmis Poae nemoralis prope « Brünn Germaniae ». (**Tab. CXXXVII, fig. 3.** — Ex specim. orig. in Rab. Wint. l. c.).

Perithecia sparsa $\frac{1}{5}$ mm. d.; apice penicillo setularum minuto ornata; ascii 85-95 \approx 14-16; sporidia 24-26 \approx 6.

Metasphaeria Vincae (Fr.) Sacc. Syll. Pyr. II, p. 171. *Sphaeria Vincae* Fr. in Duby Bot. Sall. II, p. 709. *Sphaerella Vincae* Auersw. Myc. Eur. p. 10, fig. 49 (immat.) Sacc. Myc. Ven. Spec. p. 209. *Leptosphaeria Vincae* Sacc. Fungi it. tab. 490, Winter Pilze II, p. 488.

Hab. in foliis emortuis Vincae minoris in « Germania, Gallia, Suecia et Italia ». (Tab. CXXXVII, fig. 4. — Ex specim. italicis in Herb. Sacc.).

Perithecia sparsa, minuta, prominula, $\frac{1}{5}$ mm. d.; asci 42-52 \times 8-10; sporidia 15-18 \approx 3 $\frac{1}{2}$ -4.

Metasphaeria Thwaitesii (B. et C.) Sacc. Syll. Pyr. II, p. 161. *Sphaeria Thwaitesii* B. et Br. Not. Brit. Fungi n. 646, t. II, fig. 32. Rab. F. Eur. a 750.

Hab. in caulis Umbelliferarum « Bristol Britanniae » in « Belgio et Am. bor. ». (Tab. CXXXVIII, fig. 1. — Ex specim. orig. a cl. Piotta et Cooke benevole comm.).

Perithecia sparsa, mycelio subaerugineo matricem penetrante, delicato cincta; asci 80-90 \times 12-14; sporidia 16-18 \approx 5-6, semper pseudo-triseptata visa.

Affinis *Melomastiae Friesii*, a qua in primis sporidiis quadrinucleatis differt. An hujus generis?

Metasphaeria Panicorum (Cooke) Sacc. Syll. Pyr. II, p. 175. *Sphaerella panicum* Cooke in Grev. V, p. 153.

Gab. in foliis exsiccatis Panicorum « Carolina austr. Amer. bor. ». (Tab. CXXXVIII, fig. 2. — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia 2-3 congesta, minuta, 120-150 μ . d.; asci 40-45 \approx 8; sporidia 12-14 \approx 3, et quam cl. Cooke opinatur multo minora (Cfr. *Grevillea* et Syll. I. l. c. c.).

Metasphaeria Luzulae (Wint.) Berl. *Leptosphaeria Luzulae* Winter Hedw. 1872, p. 149, Die Pilze II, p. 450 Sacc. Syll. Pyr. II, p. 67.

Hab. ad folia arida Luzulae maxima, prope « Seis Tyroliae ». (Tab. CXXXVIII, fig. 3. — Ex specim. orig. a cl. I. Urban Musaei berolinensi benevole comm.).

Perithecia epiphylla, 160-180 μ . d., sparsa vel congregata; asci 55-65 \times 9-11; sporidia 18-20 \approx 4, primo biconoidea, dein pseudo-triseptata, hyalinula h. e. vix virescentia, sed haud colorata ut in *Leptosphaeria*.

Metasphaeria Cyparissi Pass. Diagn. Funghi Nuovi I, n. 62. Sacc. Suppl. Tot. Syll. I, p. 837.

Hab. in fructibus Cupressi pyramidalis « Tagliano in agro parmensis It. bor. ». (Tab. CXXXVIII, fig. 4. — Ex specim. orig. a cl. Passerini benevole comm.).

Perithecia sparsa vel subgregaria, ostiolo crasso $\frac{1}{5}$ mm. d.; asci 75-80 \times 10-12; sporidia 16-18 \approx 4-5, hyalina, non rite evoluta et numquam extra ascis visa. Videtur forma immatura. An ad *Lophiotrema vagab.* adscribenda?

Metasphaeria anarithmoides (S. et S.) Sacc. Syll. Pyr. II, p. 175. *Leptosphaeria anarithmoides* S. et S. Mich. I, p. 395, Fungi It. t. 366.

Hab. in foliis emortuis Graminum « Conegliano It. bor. ». (Tab. CXXXIX, fig. 1. — Ex specim. orig. a cl. Sacc. benevole comm.).

Perithecia sparsa, $\frac{1}{7}$ - $\frac{1}{5}$ mm. d.; asci paraphysati, 80-90 \times 15-18; sporidia 20-24 \times 6-7, an demum 3-septata?

Metasphaeria ambigua Berl. et Bres. Microm. Trid. p. 39. tab. III, fig. 9. Sacc. Suppl. Tot. Syll. I, p. 827.

Hab. in caulis emortuis Sambuci Ebuli « Val di sole prope Trento ».

Tab. CXXXIX, fig. 2.

Perithecia sparsa demum prominula, asci 100-110 \times 12-13; sporidia transverse 1-septato-constricta, eximie biconoidea (an demum 3-5-septata?), muco crasso obvoluta, 27-30 \times 5 sine muco, 42-45 \times 8-9 cum muco.

Metasphaeria ferulina (Dur. et Mont.) Sacc. Syll. Pyr. II, p. 160. *Sphaeria ferulina* Dur. et Mont. Syll. Crypt. n. 843. Fl. Alg. I, p. 484.

Hab. in caulis siccis Ferulae communis « Birmandreis Algeriae ». (**Tab. CXXXIX, fig. 3.** — Ex spec. orig. a cl. Hariot Musaei Parisiensis benevole comm.).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 80-90 \times 8-9; sporidia 17-20 \times 4-5, hyalina, in massa vix flavescentia.

Metasphaeria Cumana (Sacc. et Speg.) Sacc. Syll. Pyr. II, p. 177. *Leptosphaeria Cumana* S. et S. Mich. I, p. 394, Fungi It. tab. 327. *Sphaeria Cumana* Cooke Grev. 1880, p. 30.

Hab. in foliis emortuis Caricum « Conegliano It. bor. et in Britannia ». (**Tab. CXL, fig. 1.** — Ex specim. orig. a cl. Sacc. benevole comm.).

Perithecia laxe seriata, innata, vix erumpentia, globoso-depressa, $\frac{1}{4}$ - $\frac{1}{5}$ mm. d.; asci 45-55 \times 8-9; sporidia 16-18 \times 4. Species, ut videtur non perfecte evoluta, et sporidiis pallidissime luteolis gaudens. Si demum sporidia saturatiora fiunt, species a *Leptosphaeria eustoma* f. *apogone* vero distincta?

Met. Cumana var. **Luzulina** Karst. in Hedw. 1884, n. 1, p. 5 et Rev. atque Syn. Ascom. fenn. p. 44. Sacc. Suppl. Un. Syll. I, p. 841.

Hab. in foliis emortuis Luzulae pilosae « Mustiala Fenniae ». (**Tab. CXL, fig. 2.** — Ex specim. orig. a cl. Karsten benevole comm.).

Perithecia hypophylla, sparsa vel subgregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. diam.; asci 65-75 \times 10-12; sporidia 22-24 \times 4-5, dilutissime chlorina. Cum typo ad *Leptosphaerium eustomam* adpropinquat, in primis forma, colore et fabrica sporidiorum.

Metasphaeria Empetri (Fr. p. p.) Sacc. Syll. Pyr. II, p. 171. *Sphaeria Empetri* Fr. Syst. Myc. II, p. 522 p. p. ?? Fuck. Sym. Myc. App. II, p. 18. Fungi rhen. n. 2648.

Hab. in pagina superiore foliorum Empetri nigri in « Helvetia, Germania, Italia ». (**Tab. CXL, fig. 3.** — Ex specim. Fuckelianis in Fungis rheananis I. c.).

Perithecia sparsa, lentiformia, 300 μ . diam.; asci 80-90 \times 10-12; sporidia 16-18 \times 8.

Metasphaeria Brachypodii (Pass.) Sacc. Syll. Pyr. II, p. 176. *Leptosphaeria Brachypodii* Pass. in Hedw. 1878, p. 45. Winter Pilze II, p. 447, Kunze Fungi sel. n. 578, Rabenh. Fungi eur. n. 2334, Thuemen Myc. Un. n. 2159.

Hab. in foliis emortuis Brachypodii in « Italia boreali et Germania ». (Tab. CXL, fig. 4. — Ex specim. Winterianis in Thuem. I. c.).

Perithecia sparsa, minuta 170-200 μ . d.; asci 75-85 \times 12-14; sporidia 22-24 \times 7, diu biconoidea, uniseptata, dein plasmate 4-partito. An demum 3-septata?

Metasphaeria helicicola (Desm.) Sacc. Syll. Pyr. II, p. 109. *Sphaeria helicicola* Desm. 16 Not. 1849, p. 30. *Leptosph. helicicola* Niessl. Beitr. p. 25, tab. III, fig. 18.

Hab. in foliis siccis Hederae Helicis in « Gallia, Italia, Germania, Belgio et Am. bor. ». (Tab. CXLI, fig. 1. — Ex specim. orig. a cl. Hariot Musaei Parisiensis benevole comm. cum aliis e regionibus variis comparatis.).

Perithecia dense sparsa, 130-150 μ . diam.; asci 70-80 \times 12-14; sporidia 18-20 \times 4-5, primo biconoidea dein pseudo-triseptata, halone mucoso cincta, demum ad septa constrictula.

Metasphaeria pampinea Sacc. Syll. Pyr. II, p. 164. *Leptosphaeria pampinea* Sacc. in Rev. Myc. IV, p. 2, nec *Sphaeria Pampini* Thuem.

Hab. in sarmentis Vitis « Auxerre Galliae ». (Tab. CXLI, fig. 2. — Ex adumbratione a cl. Paoletti accepta, qui specimen originalia, ut eam conficeret, examinavit).

Perithecia subcutanea, gregaria, 75-85 μ . diam.; asci 36-40 \times 7-8; sporidia 12-14 \times 3-5.

Metasphaeria Cassiopes Rost. Fungi Groenl. p. 561. Sacc. Suppl. Syll. I, p. 832.

Hab. in foliis exsiccatis Cassiopes tetragonae, socia Leptosphaeria inconspicua (Rost.) Berl. in « Groenlandia ». Tab. CXLI, fig. 3. — Ex specim. orig. a cl. Rostrup benevole comm.).

Perithecia sparsa, semiimmersa, minuta; asci 35-40 \times 8-10; sporidia 12-15 \times 5, hyalina.

Metasphaeria clypeosphaerioides Bomm. Rouss. et Sacc. Suppl. Syll. I, p. 832.

Hab. in sarmentis Rubi fruticosi « Groenendael Belgii ». (Tab. CXLII, fig. 1. — Adumbrationem mihi misit cl. Paoletti, qui specimen originale ad eam conficiendam examinavit).

Perithecia dense gregaria, globulosa, 300 μ . diam.; epidermide atratâ, fissâ tecta; asci 60-70 \times 6-8; sporidia 9-11 \times 3-4. Habitus *Clypeosphaeriae*.

Metasphaeria sepincola (B. et Br.) Sacc. Syll. Pyr. Vol. II, p. 164. p. p.; Brunaud Contr. Fl. Myc. Ouest. Pyren. p. 163 p. p.; Berlese Fungi Moricolae fasc. IV n. 4 tab. XXXI, fig. 6-9, Int. ad Alc. Spec. poco note del gen. *Le-*

ptosphaeria p. 14, Pug. fungi Fiorent. p. 14. *Sphaeria sepincola* Berkeley et Broome Not. of Brit. Fungi in Ann. and Mag. Nat. Hist. n. 636 t. II, fig. 21. (non *Sph. sepincola* Fries.) Fuck. Symb. myc. p. 114 et App. II, p. 22. *Sphaeria fuscella* Sacc. Myc. Ven. Spec. p. 97 p. p. tab. IX, fig. 39, 43, 44, 45, Fungi Veneti Ser. I, p. 276 p. p. *Leptosphaeria vagabunda* Sacc. Fungi Ven. Novi v. critici Ser. II, p. 318 p. p. et Syll. Pyr. II, p. 31 p. p. Bizzozero Flora Ven. Critt. P. I, p. 245 p. p. Winter Pilze Band II, p. 465 p. p. *Massaria Rubi?* Fuck. Symb. Myc. App. I, p. 303. *Massarina Rubi?* Sacc. Syll. Pyr. II, p. 155. *Massaria Winteri* Rhem in Hedw. 1883, p. 60, Winter Pilze II, p. 542. Sacc. Supp. Syll. I, p. 759.

Hab. in ramis Rubi, Carpini, Vitalbae, Crataegi, Corni, Coryli, Spireae nec non in caulibus nonnullarum plantarum in « Italia bor. Gallia et Germania ». (Tab. CXLII, fig. 2. — Ex specim. florentinis cum aliis multis comp.).

Perithecia sparsa vel leniter gregaria, 150-200 μ . diam.; asci 65-75 \times 12-14; sporidia 18-20 \times 4-6 initio septo medio tantum visibili (diaporthoideis) dein pseudo-triseptatis.

Metasphaeria sepincola var. **Aquilegiae** Berl. et Bres. Micr. Trident. p. 39. *M. Aquilegiae* Bres. Rev. Myc. 1890, p. 185. Sacc. Supp. Tot. Syll. I, p. 827.

Hab. in caulibus emortuis Aquilegiae vulgaris prope « Trento » et prope « Leutschau Hungariae ».

Perithecia minuta, conoideo-depressa, dein collapsa 130-150 m. diam., sparsa; asci 50-70 \times 7-9; sporidia quam in typo minorata, nempe 15-16 \times 3-3, 5 triseptata, hyalina, guttulata, parte superiori conoidea, crassiora.

Metasphaeria dealbata Berl. n. sp.

Hab. in ramis fracidis decorticatis « Frant, Sussex. Britanniae ». (Tab. CXLII, fig. 3).

Perithecia subsparsa, maculis dealbatis insidentia, $1/3$ mm. d.; contextu molli, olivaceo; asci 80-90 \times 10; sporidia etiam disticha sed saepius monosticha, 16-20 \times 7.

Speciem hanc in speciminibus orig. *Zignoellae dealbatae* et pro specie hac inveni. Sporidiorum forma *Met trichostomam* in mentem revocat sed ab ea in primis differt ostiolo non setoso, sporidiis 3-septatis minoribusque. A *Zignoellis* peritheciis membranosis, tectis distat.

Metasphaeria saprophila (Rehm) Sacc. Syll. Pyr. II, p. 172. *Leptosphaeria saprophila* Rehm in Hedw. 1882, p. 121.

Hab. ad baccas putrescentes Juniperi nanae prope « Küthai alpium Tyrolensium ». (Tab. CXLII, fig. 4. — Ex specim. orig. a cl. Rehm benevole comm.).

Perithecia gregaria, $1/5$ - $1/4$ mm. d.; asci 60-70 \times 12-15; sporidia 18-22 \times 6-7.

Metasphaeria neglecta (Niessl) Sacc. Syll. Pyr. II, p. 173, (non Rostr.).

Leptosphaeria neglecta Niessl. Beitr. p. 25, tab. VII, fig. 22, Winter Pilze II, p. 445.

Hab. in foliis siccis Graminum prope «Bozen Tyroliae». (Tab. CXLIII, fig. 1. — Ex Beitr. l. c.).

Perithecia sparsa, 170 μ . d.; asci 84-90 \times 50-58; sporidia 33-11. Sec. cl. Niessl sporidia sunt medio septata et paulo constricta, utrinque minute apiculata, utraque parte bicellulari sed septulo haud bene manifesto; haud raro sunt bilocularia vel parte una tantum bicellulari. Specimina a cl. Röstrup missa potius ad *Pleosporam (Cathar.)* pertinent, nam sporidia sat frequens septulo longitudinali gaudent.

Metasphaeria distributa (C. et Ell.) Berl. *Sphaeria distributa* C. et E. Grev. VII, p. 41. *Leptosphaeria distributa* Sacc. Syll. Pyr. II, p. 18. *Metasphaeria Müggenburgi* Sacc. Syll. Pyr. II, p. 164, *Cucurbitaria Vitis* Schulz. Myk. Beitr. p. 643, Pirotta F. Vit. p. 44.

Hab. in caulis Desmodii «New Jersey Amer. bor.» et in sarmentis Vitis viniferae in «Austria». (Tab. CXLIII, fig. 2. — Ex specim. orig. *Met. distributae* cum iis *M. Müggenburgi*, a claro Passerini collectis, minute comparatis.

Perithecia sparsa vel gregaria, $\frac{1}{3}$ mm. d.; asci 70-80 \times 12-14; sporidia muco obvoluta, biconoidea, 24-28 \times 6-8, (sine muco) hyalina.

Metasphaeria socia Sacc. Syll. Pyr. II, p. 165. *Leptosphaeria socia* Sacc. Mich. II, p. 533.

Hab. in sarmentis subvivis sed dealbatis Vitis viniferae prope «Padova It. bor.», socia Metasphaeria chaetostoma. (Tab. CXLIII, fig. 3. — Ex adumbratione a cl. Paoletti mihi missa et speciminibus originalibus extracta).

Perithecia gregaria, minuta, 120-150 μ . diam.; asci 70-80 \times 7-8; sporidia 18-20 \times 3-3,5.

Metasphaeria Arabidis Johans. Svamp. Island. p. 167, tab. XXIX, fig. 11. Sacc. Suppl. Syll. I, p. 830, Röstrup. Fungi Groenl. p. 560.

Hab. in foliis emortuis Arabidis Alpinae «Eskifjördur Islandiae et Kerortusok Groenlandiae» (Tab. CXLIII, fig. 4. — Ex specimine a cl. Röstrup benevolē comm.).

Perithecia sparsa vel gregaria, depresso globosa, poro rotundo pertusa, 180-200 μ . diam.; asci 52-60 \times 10-12; sporidia distincte triseptata, vix flavescentia, 22-25 \times 4-5.

Sporidiis vix flavescentibus, distincte septatis (haud pseudoseptatis ut in pluribus *Metasphaeriis*) ad *Leptosphaeriam* vertit. Si sporidia plenius evoluta, luteola fiunt, certe species a *Lept. eustomae* varietate quadam vel formā, haud separanda.

Metasphaeria Coryli Cel. Micr. Montp. p. 34, fig. 5. Sacc. Suppl. Syll. I, pag. 835.

Hab. in ramicis Coryli Avellanae var. purpureae «Montpellier Galliae»
(Tab. CXLIV, fig. 1. — Ex adumbratione celottiana l. c.).

Perithecia subgregaria, minuta, globoso-depressa, ostiolo conico; asci 75-80 × 10-12; sporidia 18-22 × 5-6, hyalina.

Metasphaeria fusariispora (Mont.) Sacc. Syll. II, p. 180. *Sphaeria fusariispora* Mont. Syll. n. 867, et Guy. n. 570, tab. 6, fig. 6.

Hab. in foliis Bambusae «Cayenna» (Tab. CXLIV, fig. 2. — Ex specim. orig. a cl. Hariot ex Musaeo parisiensi benevole communic.).

Perithecia epiphylla, $\frac{1}{3}$ mm. d., coriacella, rugosa, ostiolo indistincto, irregulari-globosa, depressa; asci paraphysati, 60-70 × 12; sporidia diu uniseptata, dein (ut videtur) triseptata, 20-23 × 4-5, non constricta, hyalina.

Specimina examinata sunt immatura et valde senescentia; sporidia numquam 5-septata vidi, et raro pseudo-triseptata. Si magis evoluta, characteres a cl. Montagne notatos praebent, mihi dubium.

Metasphaeria rubella (S. et M.) Syll. Pyr. II, p. 167. *Leptosphaeria rubella* Sacc. et Malbr. Mich. II, p. 598.

Hab. ad caules in hortis prope «Rouen Galliae» (Tab. CXLIV, fig. 3. — Adumbrationem ex specim. orig. excerptis cl. Paoletti et mihi benevole communicavit).

Perithecia in matrice cruentato-violacea innato-erumpentia, 300-400 μ. diam.; asci 120-140 × 11-13; sporidia 24-28 × 5,5-6.

Metasphaeria anarithma (B. et Br.) Sacc. Syll. Pyr. II, p. 175. *Sphaeria anarithma* B. et Br. Ann. N. H. n. 893, t. 11, fig. 37, Sacc. Fungi Ven. Ser. V, pag. 175, *Leptosphaeria anarithma* Sacc. Fungi it. tab. 400. *Sphaerella anarithma* Sacc. Syll. Pyr. I, p. 526.

Hab. in foliis exsiccatis Airae caespitosae et Sorghi in «Britannia et Italia». (Tab. CXLV, fig. 1. — Ex specim. italicis in Herb. Sacc.).

Perithecia sparsa, minuta, $\frac{1}{5}$ mm. d.; asci 90 × 15; sporidia 25-28 × 5-6 $\frac{1}{2}$.

Specimina originalia, a cl. Cooke et cl. Hariot benevole missa, sterilia inveni, Saccardiana saltem e diagnosi haud dubie ad speciem Berkeleyanam spectant.

Metasphaeria anarithma var. **coccodes** (Karst.) Berl., *Metasphaeria coccodes* Sacc. Syll. Pyr. II, p. 175, *Leptosphaeria coccodes* Karst. Myc. Fenn. II, p. 103.

Hab. in culmis Calamagrostidis vetustis ad «Mustiala, Fenniae» (Tab. CXLV, fig. 2. — Ex specim. orig. a cl. Karsten benevole comm.).

Perithecia in acervulos parvos collecta, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 95-105 × 8-10, sporidia biconoidea (an demum 3-4-septata, ut cl. Karsten opinatur?) pallidissime viridula, 26-28 × 4-5.

Verisimiliter *Leptosphaeria* immatura. Inter *Metasphaerias* sporidiorum formâ valde-affinis *Met. immunda*.

Metasphaeria immunda (Karst.) Sacc. Syll. Pyr. II, p. 170. Karst. Rev. atque Syn. Asc. Fenn. p. 43. *Leptosphaeria immunda* Karst. Myc. Fenn. II, pag. 105.

Hab. in foliis emortuis Populi tremulae «Tammela Fenniae» (Tab. CVLX, fig. 3. — Ex specim. orig. a cl. Karsten benevole communic.).

Perithecia sparsa, amphigena, majuscula, rugosula, 300-400 μ . diam.; asci 105-115 \times 12-14; sporidia utrinque appendiculigera, 28-32 \times 7-8 (sine appendiculis) pseudo-triseptata, (an demum 5-septata?).

Sporidiorum facies *Lophiotrema* in mentem revocat.

Metasphaeria coniformis (Fuck.) Sacc. Syll. Pyr. II, p. 150. *Pleospora coniformis* Fuck. Symb. Myc. p. 136, Fungi rhen. n. 2163. *Sphaeria coniformis* Fries Syst. Myc. II, p. 508? *Leptosphaeria coniformis* Winter Pilze II, p. 469.

Hab. in caulis emortuis Euphrasiae luteae prope «Budenheim Germaniae» (Tab. CXLVI, fig. 1. — Ex specim. orig. a cl. Briosi benevole comm.).

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 95-105 \times 12-13; sporidia, 35-37 \times 4, pallidissime flava, fere hyalina.

Metasphaeria affini propinqua, a qua differt ascis octosporis sporidiisque paullo minoribus.

Metasphaeria affinis (Karst.) Sacc. Syll. Pyr. II, p. 157. *Leptosphaeria affinis* Karst. Myc. Fenn. II, p. 102.

Hab. in caulis emortuis Rhinanthi «Mustiala Fenniae» (Tab. CXLVI, fig. 2. — Ex specim. orig. a cl. Karsten benevole comm.).

Perithecia subgregaria, primo tecta dein libera, $\frac{1}{5}$ mm. et amplius diam., nitida; asci 100-110 \times 12-14, tetraspori; sporidia 48-50 \times 4-6, in senectute lutescentia.

Metasphaeria cafra (Thuem.) Berl. *Leptosphaeria cafra* Thuem. Diagn. Mycoth. Un. n. 32 et Mycoth. univ. n. 351. Sacc. Syll. Pyr. II, p. 82.

Hab. in frondibus vivis Marattiae salicifoliae «ad sedem Missionis Evangelicae Maiararam inter Cafros Tambukinos prope Basnia in terra Cafrorum» (Tab. CXLVII, fig. 1. — Ex specim. orig. ex Thuem. l. c.).

Perithecia in soros plus minusve orbicularis dense collecta, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d., superficialia, asci 50-60 \times 12-14; sporidia 27-30 \times 4-5, primo uniseptata dein parte superiori et demum quoque inferiori, pluriseptata (numquam 5-7-septata ut in Thuem. l. c.), hyalina.

Vix *Metasphaeria*. An genus novum?

Metasphaeria punctulata Ell. et Ev. Journ. Myc. IV, pag. 76, North Am. Pyr. p. 387, Sacc. Suppl. Syll. I, p. 833.

Hab. in culmis emortuis Panici Curtissii «St. Martinsville, Louisiana Am. bor.» (Tab. CXLVII, fig. 2. — Ex specim. orig. a cl. Ellis benevole comm.).

Perithecia sparsa vel seriatim disposita, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 85-100 \times 18-22; sporidia 40-42 \times 6-8, subhyalina, hoc est pallidissime lutescentia.

Metasphaeria Fontanesiae Pass. Diagn. Funghi nuovi I, n. 60, Sacc. Suppl. Tot. Syll. I, p. 832.

Hab. in ramulis siccis Fontanesiae phyllireoidis in «Horto botanico parsensi Ital. bor.» (Tab. CXLVIII, fig. 1. — Ex specim. orig. a cl. Passerini benevole comm.).

Perithecia crebre sparsa, minuta, $\frac{1}{4}$ mm. d., ostiolo latiusculo aperta; asci 90–100 \approx 8–10; sporidia 22–24 \approx 5–6, hyalinula.

Potius forma *Lophiotrematis vagabundi*.

Metasphaeria Galiorum (R. et D.) Sacc. Syll. Pyr. II, pag. 161, *Sphaeria Galiorum* Rob. et Desm. 13 Not. 1846, pag. 77, Desm. Pl. Crypt. Fr. n. 1785.

Hab. in caulis emortuis Galii Aparines, G. cruciatae et G. Molluginis in Gallia» (Tab. CXLVIII, fig. 2. — Ex specim. a cl. Roumeguère missis cum originalibus, quae parum immatura inveni, comparatis).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 90–100 \approx 11–14; sporidia 26–30 \approx 6–7, nubilosa.

Metasphaeria complanata (Tode) Sacc. Syll. Pyr. II, pag. 161, *Sphaeria complan.* Tode Mekl. f. 88. Fr. Syst. Myc. II, p. 508. *Lept. comp.* De Not. Sch. Ifer. It. p. 62.

Hab. in caulis herbaceis in Britannia, Gallia, Carolina inf. Tab. CXLVIII, fig. 3. — Ex spec. Gallicis in Chaerophyllo hirsuto a cl. Morthier lectis.

Perithecia sparsa vel laxe gregaria, usque $\frac{1}{2}$ mm. diam.; asci 90–100 \approx 8–10; sporidia 28–33 \approx 4– $5\frac{1}{2}$, in asco pallide luteola.

Inter *Leptosph.* et *Metasp.* media.

Metasphaeria Lathyri Sacc. Syll. Pyr. II, p. 157. *Leptosphaeria Lathyri* Sacc. Myc. Ven. Spec. p. 106, tab. X, fig. 28–30, Fungi ital. tab. 512.

Hab. in caule emortuo dejecto Lathyri silvestris in silva «Montello Ital. bor.» (Tab. CXLIX, fig. 1. — Ex Sacc. Fungi it. l. c.).

Perithecia minuta, $\frac{1}{6}$ mm. d.; asci 80 \approx 8; sporidia 30 \approx 4, hyalina.

Metasphaeria subcutanea (C. et Ell.) Sacc. Syll. Pyr. II, p. 165, *Sphaeria subcutanea* C. et Ell. in Grev. VII, p. 41.

Hab. in ramis fere decorticatis Piri «New Jersey Amer. bor.» (Tab. CXLIX, fig. 2. — Ex specim. orig. a cl. Ellis benevole comm.).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 80–90 \approx 8–10; sporidia 26–30 \approx 4–5, Videtur non bene evoluta.

Metasphaeria Hederae (Sow ?) Sacc. Syll. Pyr. II, p. 169. *Sphaeria Hederae* Sow. tab. 371, fig. 5, Sacc. Myc. Ven. 96, tab. IX, fig. 33–36, Oud. Mat. Myc. Neerl. II, p. 65, tab. XVI, fig. 7? (sub *Sphaerella*).

Hab. in utraque pagina (sed praecipue in superiori) foliorum Hederae, Helicis in «Britannia, Italia, Belgio, Suecia, Hollandia» (Tab. CXLIX, fig. 3. — Ex specim. italicis in Herb. Sacc.).

Perithecia in macula arescente, distincte brunneo-marginata, praecipue in pagina superiori gregaria, minuta 100-120 μ . d.; asci 60-70 \approx 10-12; sporidia 18-20 \approx 5-7.

Affinis *Met. helicicola*, a qua differt in primis peritheciis maculas occupantibus.

Verisimiliter species haec cum *Met. helicicola* ab auctoribus nonnullis confusa est, nam pluribus locis dicitur speciem hanc *paginam inferiorem foliorum dejectorum et putrescentium* occupare. Ego (saltem in speciminibus italicis) perithecia inveni in macula arescente (cfr. Iconem) brunneo-circumscripta, et in pagina superiore foliorum, rarius in inferiore. Folia vero non putrescentia neque dejecta videntur, nam adhuc viridem colorem (maculis exceptis) servant.

Metasphaeria palmetta (Cooke) Sacc. Syll. Pyr. II, p. 177, Ell. et Ev. North Am. Pyr. p. 386. *Sphaeria Palmetta* Cooke Grev. VII, p. 53, Fungi Brit. exsicc. n. 361.

Hab. in Sabaal (Palma) «Darien Georgiae Am. bor.». (Tab. CL, fig. 4.)
— Ex specim. orig. in Cooke l. c.).

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 70-80 \approx 14-16; sporidia 22-25 \approx 7, halone submembranaceo, crasso cincta.

Metasphaeria chaetostoma Sacc. Syll. Pyr. Vol. II, p. 165, *Leptosphaeria chaetostoma* Sacc. Mich. II, p. 533.

Hab. in sarmentis subvivis sed fere exalbatis Vitis Viniferae circa «Padova It. bor.» cum Metasphaeria socia (Tab. CL, fig. 2). — Adumbrationem mihi misit cl. Paoletti qui specimina originalia examinavit).

Perithecia gregaria, 150-200 μ . diam., ostiolo setoso instructa; setae 38-45 \approx 3; asci 100 \approx 14; sporidia 22-25 \approx 5,5-6.

Metasphaeria Xerophylli (Ellis) Sacc. Suppl. Syll. I, p. 829. *Leptosphaeria Xerophylli* Ellis Amer. Nat. 1883, p. 316, Ellis et Ev. North Am. Pyr. p. 373.

Hab. in foliis Xerophylli Asphodeloidis «Willow Grove Am. bor.» (Tab. CL, fig. 3). Ex specim. orig. in Ellis North Am. Fungi exsicc. n. 1340).

Perithecia semiimmersa, parva, 150 μ . diam.; asci 60-70 \approx 12-16; sporidia 20-24 \approx 6-7,5, hyalina.

Metasphaeria Fiedlaeri (Niessl) Sacc. Syll. Pyr. II, p. 165. *Leptosphaeria Fiedlaeri* Sacc. Mich. I, p. 39, Fungi it. tab. 289, *Cryptospora Fiedlaeri* Niessl in Hedw. 1874, p. 42.

Hab. in ramulis Corni sanguineae «Voitsberg Styriae et Conegliano Ital. bor.». (Tab. CLI, fig. 1). — Ex specim. Saccardianis).

Perithecia semiimmersa, epidermide tecta dein semilibera, coriaceo-carbonacea; asci 100-110 \approx 18; sporidia 26-32 \approx 6-7,5.

Metasphaeria helvetica Sacc. et Berl. Misc. Myc. II, p. 19, n. 84, tab. X, fig. 22, Sacc. Suppl. Syll. I, p. 834.

Hab. in ramulis Lonicerae Xylostei prope «Neuchâtel Helvetiae» (Tab. CLI, fig. 2).

Perithecia gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 100-110 \approx 15-18; sporidia 25-28 \approx 7-9, diu hyalina demum (senescendo) vix nubiloso-luteola.

Inter *Leptosphaeriam* et *Metasp. f.* fere media, sed aptius huic adscribenda.

Metasphaeria nobilis Sacc. Syll. Pyr. II, p. 169. *Leptosphaeria nobilis* Sacc. Fungi Ven. Ser. II, p. 312, Fungi it. tab. 260.

Hab. in foliis Lauri nobilis prope «Treviso Ital. bor. et Coimbra Lusitaniae» (Tab. CLI, fig. 3. — Ex Sacc. Fungi it. l. c.).

Maculae epiphyllae, albidae, sinuosae, fuligineo-marginatae; perithecia remote sparsa, 90-100 μ . diam.; asci 90-100 \approx 10-11; sporidia 20-22 \approx 6-7.

Affinis *Met. Cynaracear.* et *Met. rupicola*.

Metasphaeria rupicola Sacc. Fungi it. tab. 282, Syll. Pyr. II, p. 157. *Leptosphaeria scotophila* f. *Aconiti* Sacc. Fungi Ven. Ser. II, p. 317.

Hab. in caulinibus emortuis Aconiti Napelli in silva «Cansiglio Ital. bor.» (Tab. CLII, fig. 1. — Ex Sacc. Fungi it. l. c.).

Perithecia subsparsa $\frac{1}{8}$ - $\frac{1}{6}$ mm. d.; asci 70-80 \approx 15; sporidia 25-26 \approx 6-7.

Affinis *Metasphaeria nobilis* et *Met. Cynaracearum*. A *Met. scotophila* (quae ex investigatione speciminum originalium ad *Diaporthem* transtuli) diversa.

Metasphaeria Cynaracearum (Niessl) Sacc. Syll. Pyr. II, p. 170. *Leptosphaeria Cynaracearum* Auersw. et Niessl Beitr. p. 24, tab. IV, fig. 25.

Hab. in foliis siccis Carlinae acaulis prope «Brünn Moraviae» (Tab. CLIII fig. 2. — Ex Niessl Beitr. l. c.).

Perithecia sparsa, exigua, erumpentia, 150 μ . diam.; asci 138 \approx 17-23; sporidia 20-24 \approx 6-7.

Metasphaeria macrotheca Rostr. Fungi Groenl. p. 561, Sacc. Suppl. Syll. I, p. 842.

Hab. in foliis siccis Caricis hyperboreae et C. rigidae in «Groenlandia» (Tab. CLII, fig. 3. — Ex specim. orig. a cl. Rostrup benevole comm.).

Perithecia subsparsa, $\frac{1}{5}$ mm. d., globosa globosove-depressa; asci 115-125 \approx 40-55, paraphysati; sporidia 35-40 \approx 14-16, halone mucoso crasso obvoluta, hyalina.

Ob ascorum formam, sporidiorum faciem atque dispositionem, ad *Sphaerulinam* vergit, sed paraphyses *Metasphaeriam* designant. Certe inter genera haec pauca sunt discrimina, nam in nonnullis speciebus *Sphaerulinae* (majoribus) asci non sunt roseolati, et verisimiliter paraphyses evanescunt.

Metasphaeria Scirpi Berl. *Leptosphaeria vagans* f. *Scirpi* Sacc. Syll. Pyr. II, p. 59.

Hab. in calamis putrescentibus Scirpi lacustris in «Spetsbergia» et «Gallia» (Tab. CLIII, fig. 1. — Ex specim. orig. a cl. Saccardo benevole communic).

Perithecia sparsa vel gregaria, globosa vel globo-depressa, diu tecta, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 110-120 \approx 28-30; sporidia 40-44 \approx 10-12, hyalina.

Metasphaeria marina (Ell. et Ev.) Berl. *Leptosphaeria marina* Ell. et Ev. in Journ. of Myc. 1885, p. 43, North Amer. Pyr. p. 372, Sacc. Suppl. Syll. I, pag. 789.

Hab. in culmis emortuis Spartinae «Cape May Amer. bor.». (Tab. CLIII).

fig. 2. — Ex specim. orig. a cl. Ellis benevole comm.).

Perithecia irregulariter sparsa, $\frac{2}{3}$ - $\frac{3}{4}$ mm. d.; asci 150-170 \approx 20-26; sporidia 58-65 \approx 10-12, subhyalina, h. e. dilutissime (vix conspicue) flavescentia.

Certe *Metasphaeria*. *Pulchra* species *Met. Scirpi* affinis sed major.

Metasphaeria inulina (Dur. et Mont.) Sacc. Syll. Pyr. II, p. 162, *Sphaeria inulina* Dur. et Mont. Syll. Crypt. n. 825, Fl. Alg. p. 529.

Hab. in caulis exsiccatis Inulinae viscosae «Algeria». (Tab. CLIV, fig. I).

— Ex specim. orig. a cl. Hariot Musaei Parisiensis benevole commun.).

Perithecia gregaria vel subsparsa, $\frac{1}{4}$ mm. d.; asci 65-75 \approx 12-14; sporidia 18-22 \approx 6-8. Affinis *Massarinae*.

Metasphaeria squamata (C. et Ell.) Sacc. Syll. Pyr. II, p. 167. *Sphaeria squamata* C. et Ell. Grev. VII, p. 10.

Hab. in ramis Abietis «New Jersey Amer. bor.». (Tab. CLIV, fig. 2). — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 60-70 \approx 20-24, paraphysati; sporidia 32-34 \approx 8.

Metasphaeria papulosa (Dur. et Mont.) Sacc. Syll. Pyr. II, p. 168. *Sphaeria papulosa* Dur. et Mont. Syll. n. 870 et Fl. Alg. I, p. 536. *Met. papulosa* f. *vidarii* Sacc. F. Rom. n. 27, f. 4. Suppl. Tot. Syll. I, p. 838 *Metasphaeria Janiculi* Pass. Diagn. F. N. I, n. 58, Sacc. I. c. p. 838.

Hab. in foliis semicorruptis Citri, Hederae et Smilacis mauritanicae in «Algeria» et Evonymi japonici «Roma It. mediae». (Tab. CLIV, fig. 3). — Ex specim. orig. in *Citro* a cl. Hariot Musaei Parisiensis benevole comm. cum iis orig. *M. Janiculi* comparatis. Forma *vidarii* non mihi videtur a typo distincta.

Perithecia innata 150 μ . d.; asci 60-70 \approx 12; sporidia 20-22 \approx 5.

Formae sequentes, anterius ut species distinctae servatae, inter sese, et a typo, saepe tam paullo differunt, ut separatio quaedam subinde valde ardua sit.

Metasphaeria papulosa f. **Marcucciana** *Massaria Marcucciana* Auersw. et Rab. Fungi Eur. n. 2665 (absque diagnosi) *Massarina Marcucc.* Sacc. Syll. Pyr. II, p. 155.

Hab. ad culmos Ampelodesmi tenacis (?) «Alghero Sardiniae» (Tab. CLV, fig. I). — Ex specim. orig. in Rab. I. c.).

Perithecia subsparsa, epidermide tecta, membranacea, $\frac{1}{4}$ - $\frac{1}{5}$ mm. d.; asci 48-55 \approx 14-18; sporidia 16-20 \approx 6-7.

Metasphaeria papulosa f. **calamina** (D. et M.) Sacc. Syll. Pyr. II, p. 173,

Sphaeria calamina Dur. et Mont. Syll. n. 851, Fl. Alg. p. 532, *Leptosphaeria spatharum* Ces. in Rab. F. Eur. n. 2530. *Metasp. spatharum* Sacc. Syll. Pyr. II, p. 179. Bacc. ed Av. Contr. Mic. Rom. p. 13.

Hab. in culmis Arundinis mauritanicae «Bouzaréah Algeriae» et in *spatis Chamaeropis excelsae* in Horto botanico Neapolitano et Chamaer. humilis «Villa Corsini, Romae Ital. mediae». (Tab. CLV, fig. 2. — Ex specim. orig. a cl. Hariat Musaei Botan. Paris. benevole missis).

Perithecia sparsa, minuta, $\frac{1}{5}$ mm. d., globoso-conoidea, papillata; asci 65-75 \times 14-16; sporidia 18-20 \times 8-9.

Metasphearia papulosa forma **epipteridea** (Cooke et Harkn.) Sacc. Syll. Pyr. II, p. 183 (ut species), Ellis et Ev. North Am. Pyr. p. 390, *Sphaeria epipteridea* C. et H. in Grevillea 1880, p. 8.

Hab. in stipitibus siccis Pteridis aquilinae «California Amer. bor.» (Tab. CLV, fig. 3. — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia tecta, erumpentia, semiimmersa vel fere superficialia, $\frac{1}{4}$ mm. d.; asci 50-60 \times 11-13; sporidia 16-19 \times 6-7.

A typo vix differt peritheciis subinde fere superficialibus et sporidiis paullo minoribus.

Metasphearia papulosa forma **Debeauxii** (S. et R.) Sacc. Syll. Pyr. II, p. 182 (ut spec.), *Leptosphaeria Debeauxii* Sacc. et Roum. Mich. II, p. 318, *Metasphearia pinnarum* (Pass.) Sacc. Syll. Pyr. II, p. 179 (ut species), *Leptosphaeria pinnarum* Pass. Microm. it. n. 8.

Hab. ad pinnas fracidas Phoenicis dactyliferae in Liguria (Bordighera) It. bor. et in costa foliorum Chamaeropis humilis *circa* «Oran Algeria». (Tab. CLVI, fig. 1. — Ex specim. orig. Met. Debeauxii a cl. Sacc. benevole comm. cum originalibus Met. pinnarum comparatis).

Perithecia linearis-seriata, subglobosa, ostiolo nitidulo obtuso; asci oblongi, medio subventricosi, recti, 53-55 \times 10; sporidia disticha, fusiformia recta, 4-septata, loculo intermedio paullo crassiore, hyalina, 17-18 \times 5.

Formam hanc in tabulis non delineavimus.

Metasphearia papulosa forma **anisometra** (C. et H.) Sacc. Syll. Pyr. II, p. 163 (ut sp.), Berl. Roum. et F. Sacc. Fungi Lusit. II, in Rev. Myc. 1889, p. 121 (ut sp.), *Sphaeria anisometra* C. et H. in Grev. 1881, p. 86, *Metasp. algeriensis* Sacc. et Berl. in Rev. Myc. 1886, pag. 34. tab. LVII, fig. 3, Sacc. Suppl. Syll. Pars I, p. 827, *Sphaeria peruviana* Cooke Grev. VIII, p. 35, *Metasp. peruviana* Sacc. Syll. Pyr. II, p. 164, *Metasp. Ferulae* Bacc. et Avetta Contr. Mic. Rom. p. 13, tab. XVI, fig. 4. Sacc. Suppl. tot. Syll. I, p. 829.

Hab. in caulinibus ramulisque plantarum variarum e. gr. Cirsii, Mesembryanthemi, Vitis, Menispermi, Mimuli, Lonicerae, Cupressi, Eucalypti, Rubi, Dracaenae, et in leguminibus Robiniae in «Amer. bor. Algeria et Italia». (Tab.

CLVI, fig. 2. — Ex specim. orig. in Ellis North Am. Fungi n. 890, in *Cupresso* viventibus cum aliis multis comparatis).

Perithecia gregaria, subinde connata, $\frac{1}{5}$ mm. d.; asci 60-70 \times 12; sporidia 20-25 \times 6-8, inaequaliter biconoidea parte superiori crassiori, tricellulari, inferiori bicellulari.

In specimin. (orig.) in *Eucalypto* viventibus a cl. Cooke benevole comm., tantum inveni *Euchnosphaeriam pinetorum*.

Dimensiones sporidiorum *Metasphaeriae Ferulae* a Baccarini et Avetta (l. l. c. c.) expositae, minime veritati respondent, sed paullo inferiores sunt, nam ex speciminibus originalibus, quae examinare mihi licuit, numeros hos excerpti «sporidia 20-22 \times 6-7».

Metasphaeria californica (Cooke et Harkn.) Berl., *Sphaeria californica* Cooke et Harkn. in Grevillea XIII, p. 20, *Leptosphaeria californica* Berl. et Vogl. Ad-dit. Vol. I-IV, Syll. p. 137, Sacc. Suppl. Syll. I, p. 777.

Hab. in ramis et foliis Araucariae imbricatae, Sarothamni, Rhododendri, Evonymi in «California». (**Tab CLVI, fig. 3.** — Ex specim. orig. a cl. Cooke copiose communicatis).

Perithecia dense vel densissime gregaria, $\frac{1}{4}\text{-}\frac{1}{3}$ mm. d.; asci 75-85 \times 15-18, sursum attenuati, basi ventricosi; sporidia 22-25 \times 6-7, hyalina (non fusca ut in Cooke et Harkn. ll. cc.).

Valde affinis *Met. papulosa*, cuius fere varietas videtur.

Metasphaeria Caninae Pass. Diagn. Funghi nuovi IV, n. 21. Sacc. Suppl. Tot. Syll. I, p. 832.

Hab. in aculeis Rosae caninae «Vigheffio prope Parma Ital. bor.». (**Tab. CLVII, fig. 1.** — Ex specim. orig. a cl. Passerini benevole comm.).

Perithecia sparsa, basi fibrillosa, globoso-depressa, $\frac{1}{4}$ mm. d.; asci 75-85 \times 12-14; sporidia 28-32 \times 8-10, hyalina. Ob sporidiorum fabricam *Met. trichostoma* affinis. Exemplaria originalia pauca examen diligens ostioli mihi agere non permiserunt.

Metasphaeria trichostoma (Pass.) Sacc. Syll. Pyr. II, p. 158, Pass. in Erb. critt. It. Ser. II, n. 1466 *Leptosphaeria trichost.* Pass. in Thuem Myc. Univ. n. 1455, *Lept. eburnea* Niessl Hedw. 1881 p. 98, *Met. eburnea* Sacc. Syll. II c. p. 162. *Sphaeria defodiens* Ellis Bull. Torr. Bot. Club. 1881 p. 90, *Met. defodiens* Sacc. Syll. I. c. p. 181, Ellis et Ever. N. Am. Pyr. p. 389.

Hab. ad caules ramosque aridos Chondrillae junceae et Junci? «Vigheffio» prope «Parma It. bor. in Germania et Iowa New Jersey Amer. bor.».

(**Tab. CLVII, fig. 2.** — Ex specim. orig. in Erb. critt. et Myc. Univ. ll. cc.

Perithecia minuta, $\frac{1}{4}$ mm. d., apice fasciculo setarum instructa; asci 100-110 \times 14-16; sporidia 26-29 \times 7-9.

Affinis *Metasp. papulosa* f. *calaminae*, a qua differt in primis ostiolo setoso et sporidiis saepius pseudo-quinqueseptatis. *Met. defodiens*, secundum spe-

cimina authentica, in Ellis North Amer. Fungi edita n. 889, peritheciis ostiolis fasciculo setarum instructis gaudet, qua de re, et propter identicam sporidiorum fabricam magnitudinemque, non ab hac specie, seu *Met. trichostoma*, rite separanda videtur. Matrix vero *Met. defodientis*, sec. cl. Ellis, est *Spartium junceum* dum illa *Met. trichostomae*, sec. beat. Passerini, est *Chondrilla juncea* sed plantae haec in sicco valde inter se similes et facile una pro alia sumendae. In sporidiis *Met. defodientis* setulam apicalem non vidi.

Metasphaeria trichostoma var. **xerophilla** Sacc. et Malbr. Fungi Gall. ser. V, p. 2166. Suppl. Syll. I, p. 827 (ut species).

Hab. in caulis emortuis Silenes Otitis « Rouen Galliae » et Lycopridis arvensis in « Hollandia ». (Exemplaria in *Lycops.* benevole mihi communic. cl. domina la Destree). (**Tab. CLVII, fig. 3.** — Ex specim. orig. a cl. Sacardo benevole communic.).

Perithecia sparsa, minuta, $\frac{1}{5}\text{-}\frac{1}{4}$ mm. d., ostiolo setoso instructa; asci 85-95 \times 14-17; sporidia primo triseptata, dein quadri- et demum quinqueseptata, 24-27 \times 6-8, hyalina.

A typo vix differt sporidiis basi paulo acutioribus. An satis?

Metasphaeria stictostoma (B. et C.) Berl. *Sphaeria stictostoma* B. et C. Norh Am. Fungi n. 95. *Leptosphaeria stictostoma* Sacc. Syll. Pyr. II, p. 84.

Hab. in caulis herbarum « Connecticut » Amer. bor. ». (**Tab. CLVII, fig. 1.** — Ex specim. orig. a cl. Cooke benevole comm.).

Perithecia sparsa, ostiolo penicillatum setoso, $\frac{1}{3}$ mm. d.; asci 65-75 \times 12-14; sporidia 20-23 \times 6-7.

Affinis *Metasphaeriae trichostomae*, a quas differt sporidiis minoribus, quinqueseptatis. An potius varietas?

Metasphaeria Bellynckii (West.) Sacc. Syll. Pyr. II, p. 179. *Sphaeria Bellynckii* West. Bull. Ac. Bruxell. 1959, VII, n. 44, p. 366, fig. 13. *Pleospora Convallariae* Fuck. Symb. p. 138. *Leptosphaeria Convallariae* Sacc. Mich. I, p. 38, Fungi it. tab. 272. Non *Leptosph. Bellynckii* Winter Pilze II, p. 452 et Thuem. M. Un. n. 1061.

Hab. in caulis emortuis Convallariae Polygonati, in « Belgio, Germania, Helvetia et Italia ». (**Tab. CLXII, fig. 2** — Ex specim. italicis a cl. Sacc. benevole comm.).

Perithecia sparsa, minuta 150-200 μ . diam.; asci 65-75 \times 10-12; sporidia 25-28 \times 4, quadrisseptata hyalina.

Specimina Winteriana sporidiis triseptatis pallide luteolis gaudent, quare cum specie Westendorpiana minime congruunt. (Cfr. etiam Winter Pilze I. c.).

Metasphaeria Kali (Fabr.) Sacc. Supp. Tot. Syll. p. 828. *Leptosphaeria Kali* Fabr. Sphèr. Vaucl. II, p. 50, tab. I, fig. 22.

Hab. ad caules aridos Salsolae Kali « Vaucluse Galliae ». (**Tab. CLVIII, fig. 3.** — Ex adumbratione fabreana I. c.).

Perithecia sparsa, globoso-deplanata, epidermide tecta, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d., ostiolo brevi papillulato, erumpente; asci late clavati, brevissime et crasse stipitati, octospori, 100-110 \times 15-18; sporidia subdisticha, fusoidea, 4-septata ad septum secundum constrictula, hinc ovoidea illinc conoidea et longiora, 25-30 \times 7-8.

Haec species certe affinis *Met. trichostoma* et si ostiolo setoso gaudet ab hac, meo sensu, non rite separanda est. Specimina originalia investigare nequivi.

Metasphaeria Cerletti (Speg.) Sacc. Syll. Pyr. II, p. 167. *Leptosphaeria Cerletti* Speg. Ampel. it. n. 30, tab. XXX, Mich. I, p. 398.

Hab. in sarmenitis Vitis cordifoliae « Conegliano Ital. bor. ». (Tab. CLIX, fig. 1. — Ex Ampel. it. l. c.).

Perithecia gregaria, ostiolo penicillatim setoso; asci 120-140 \times 18-20; sporidia 25-37 \times 10.

Adumbrationem spegazzinianam, quamquam rudem, fideliter retuli. Est fortiter dubitandum speciem hanc sporidiis clavatis ostioloque setoso, a *Met. stictostoma* (quae ut forma *M. trichostoma* potius habenda) haud rite separanda sit. Majores videntur sporidia, sed dimensiones Spegazzinianas terque quatterque inveni excedentes.

Metasphaeria gigantaspora (Rehm) Berl. *Massarina gigantospora* Rehm in Voss. Mat. Pilz. Krainz, p. 216, Sacc. Supp. Syll. Pars. I, p. 825.

Hab. in caulis siccis Genistae sagittalis prope « Adelsberg, Carnioliae ».

Tab. CLIX, fig. 2. — Ex specim. orig. a cl. Rehm benevole comm.).

Perithecia sparsa, in macula dealbata immersa, 300 μ . diam., globoso-depressa, sicca apice collabentia, membranacea; asci pauci 120-130 \times 70-75; sporidia 65-70 \times 19-22, sine muco (non 8 μ . crass. ut in Syll. l. c.).

Valde affinis, et verisimiliter tantum var. *Met. pachyascae*, quae est *Sphaerul.*

Metasphaeria brunnea (Cooke) Sacc. Syll. Pyr. II, p. 162. *Pleospora brunnea* Cooke (var.) in Rav. F. Am. exsicc. n. 684.

Hab. in caule Foeniculi « Aiken Carol. Am. bor. ». (Tab. CLX, fig. 1. — Ex spec. orig. in Rav. l. c.).

Perithecia gregaria 150-180 μ . d.; asci 80-90 \times 14-16; sporidia 20-24 \times 5-6, perfecte hyalina.

Metasphaeria torulispora Berl. Champ. Frioul. p. 12, tab. IX, fig. 7. Sacc. Suppl. Tot. Syll. I, p. 830.

Hab. in caule exsiccato plantae herbaceae cuiusdam « Osoppo agri foroju-liensis Ital. bor. ». (Tab. CLX, fig. 2).

Perithecia sparsa, primo epidermide tecta, dein emergentia, primo globoso-conoidea dein sursum complanato-collapsa, coriacella, $\frac{1}{2}$ mm. diam. ostiolo non setoso; asci 150-160 \times 18-20; sporidia 32-35 \times 8-10, (sine muco), hyalina, muco obvoluta.

Metasphaeria crassiuscula Sacc. et Briard Florule de l'Aube p. 344.

Hab. in calamis siccis, putrescentibus Junci « Morge - du Mesnil, prope Gérosdot Galliae ». (Tab. CLX, fig. 3. — Ex specim. orig. a cl. Sacc. benevole comm.).

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 60-70 \times 20-24; sporidia 20-24 \times 8-9.

Pulchra et ab omnibus facile distinguenda sporidiis ovoideis crebre septatis.

Metasphaeria Caraguatà Speg. Fungi Guar. Pug. I, n. 227. Sacc. Suppl. Syll. I, p. 840.

Hab. ad folia languida Bromeliae serrae (vulgo Caraguatà) in silvaticis prope « Guarapi Amer. austr. ». (Tab. CLXI, fig. 1. — Ex specim. orig. a cl. Hariot benevole comm.).

Perithecia in macula brunneola sparsa, ostiolo vix perspicuo, fere astoma 150-180 μ . diam.; asci 55-65 \times 10-12; sporidia 25-28 \times 5-6.

Metasphaeria scirpina (Wint.) Sacc. Syll. Pyr. II, p. 182. *Leptosphaeria scirpina* Winter Hedw. 1872, p. 148. Die Pilze II, p. 454.

Hab. ad calamos aridos Scirpi lacustris prope « Bozen Tyroliae ». (Tab. CLXI, fig. 2. — Ex specim. orig. a cl. J. Urban Musaei berolinensis benevole communicatis).

Perithecia sparsa, primo epidermide tecta, dein semilibera, $\frac{1}{4}$ mm. d.; asci 120-130 \times 18-22; sporidia muco obvoluta 28-32 \times 8 (sine halone mucoso).

Metasphaeria Roumegueri Sacc. Syll. Pyr. II, p. 181. *Leptosphaeria Roumegueri* Sacc. Mich. II, p. 62 ? *Ampullina rubella* Quél. F. G. n. 288.

Hab. in tela e Phormio contexta, putri, « Toulouse Galliae ». (Tab. CLXII, fig. 1. — Ex specim. orig. a cl. Sacc. benevole comm.).

Perithecia erumpenti-superficialia, sparsa vel hinc inde gregaria, $\frac{1}{4}$ mm. d.; asci 100-120 \times 14-18; sporidia 32-38 \times 6-7, strato mucoso obducta.

Affinis *Metasphaeria hyalospora* et *M. scirpinae*.

Metasphaeria hyalospora Sacc. Syll. Pyr. II, p. 179, Ell. et Ev. N. Am. Pyr. p. 390. *Leptosphaeria hyalospora* Sacc. Fungi Ven. Ser. II, 323, Fungi it. tab. 273.

Hab. in culmis putridis Zeae Maydis, Panicis crusgalli et Sabal Palmetto in « Italia bor. et Amer. septentr. (Tab. CLXII, fig. 2. — Ex specim. orig. a cl. Sacc. benevole comm. cum Ellisianis compar.).

Perithecia subgregaria, erumpenti-subsuperficialia, ostiolo conico subinde crassiusculo, compresso, fere lophiostomaceo praedita, vix $\frac{1}{2}$ mm. d.; asci 90-100 \times 12-14; sporidia 28-32 \times 6-7, transverse 5-7 (plerumque 6) pseudo-septata, hyalina.

Ad *Lophiostomaceas* ostiolo subinde compresso vertit, et meo sensu ab eis haud rite separanda.

Species dubiae, excludendae vel non examinatae.

Metasphaeria sphaerelloides Pass. Matura sporidiis flavo-virentibus gaudet, quare ad *Leptosph. eustomam* pertinet. (Ex specim. orig.). *Met. grandispora* ostiolis e latere distincte compressis, *Lophiotrema* adscribenda et *Loph. Cadubriae* propinqua. (Ex specim. orig.) *Metasphaeria Böhmeriae* (Rab.) Sacc. non vidi *M. Thalictri* (Wint.) Sacc. sporidiis coloratis gaudet, quare ad *Leptosph. pertinet*. (Ex specim. orig.) *Metasph. bitorulosa* (B. et Br.) Sacc. In specim. orig. inveni copiose tantum *Didymellam* sporidiis 18-14≈4-5. An eadem? *Metasph. rustica* (Karst.) Sacc. in specim. orig. inveni fungillum immaturum verisimiliter *Leptosph.* quamdam. *Met. macrospora* (Fuck.) Sacc. Specimina thuemeniana tantum examinavi et ad *Leptosph. Doliolum* pertinere agnovi. *Met. agminalis* (Lèv.) Sacc. Non vidi *Met. Senecionis* (Fuck.) Sacc. Id. *Met. metuloidea* (K. et C.) Sacc. Specim. orig. sterilia inveni. *Met. brachiata* (K. et C.) Sacc. specim. orig. frustra investigavi. *Met. Heliaethemi* (Auersw.) Sacc. Non vidi. *Met. scotophila* (Dur. et Mont.) Sacc. sec. specim. orig. est aptius *Diaporthe* sporidiis plasmate raro 4-partito. *Met. bucura* (C. et Ell.) Sacc. Mihi videtur forma juvenilis *Loph. simillimi* quod in specim. orig. frequentissime inveni. *Met. Sacculus* (B. et B.) Sacc. Non vidi. *Met. eburnea* (Niessl) Sacc. Id. *Met. dissiliens* (C. et Ell.) Sacc. Est *Leptosph.* sporidiis amoene flaveolis (Ex specim. orig.) *Met. canadensis* (De Not.) Est *Lept. Erigeronitis*; sporidia in specim. orig. sunt amoene lutea, 5-septata 40-44 μ long., plasmate 8-10-partito. *Met. persistens* (B. et Br.) Specim. orig. steril. inveni sed e facie potius ad *Diaporthem* spectant. *Met. sublanosa* (Cooke) Sacc. Est *Lasiosph.* *Met. depressa* (Fuck.) Sacc. Non. vidi *Met. apiculata* (Wallr.) Sacc. sec. Winter esset *Gnomonia*; in specim. fuckelianis (Fungi rhen. n. 918) nihil inveni nisi *Ascochytae* sp. *Met. Ashwelliana* (Curr.) Sacc. Specim. originalia tempore injuria interciderunt. *Met. staphylina* (Peck.) Sacc. non vidi. *Met. aulica* (C. et E.) Sacc. In specim. orig. *Leptosph.* modestam tantum inveni. *Met. brachytica* (B. et C.) Sacc. Est *Sphaerulina intermixta* f. *Rosae*. *Met. scalaris* (Dur. et Mont.) Sacc. est. *Zignoella* (Cfr. Icon. Fung. Fasc. III.) *Met. Acerum* (Criè) Sacc. non vidi *Met. Acuum* (Cooke et Harkn.) Sacc. Id. *Met. Semen* (C. et P.) Sacc. Id. *Met. palustris* (Mont.) Sacc. id. *Met. pachysaca* (Niessl) Sacc. est *Sphaerulina*. *Met. Peckii* (Speg.) Sacc. est *Sphaerella*. Sporidia semper didyma, guttuligera observavi; asci sunt aparaphysati, roseolati. (Ex specim. orig.) *Met. neglecta* specim. a cl. Rostrup communic. ad *Pleospor.* (Cathar.) spectant, P. Rostrupii vocandam. *Met. discors* (E. et E.) S. est. *Lept. affinis* L. *galiicolae*. *Met. Graminum* Sacc. sporidia sunt viridula, quare species ad *Lept. Ophiopog.* f. *Graminum* pertinet. *Met. Avenae* (Auersw.) Sacc. non vidi. *Met. Catanei* Sacc. id. *Met. recutita* (Fr.) Sacc. id. *Met. Arundinariae* (Cooke) Sacc. In specim. orig., ex Herb. Parisiensi, sporidia uniseptata inveni. Perithecia vero sunt minutissima, papillata ergo species aptius inter *Hyalodidymas* ponenda, et haud errore gravi in genere *Stigmatae*. *Met. Carectorum* (R. et C.) Sacc. Non vidi. *Met. Junci* (Oud.) Sacc. id. *Met. iridicola* Sacc. id. *Met. Iridis* (Desm.) Sacc. Specim. orig. a cl. Hariot missa, sterilia inveni, notarisana vero, ad «Caen» lecta, *Sphaerulinae* adscribenda. *Met. Craterium* (Mont.) Sacc. non vidi. *Met. rachidis* (Pass.) Sacc. id. *Met. sabuletorum* (B. et Br.) Sacc. In specim. orig. *Ascochyt.* perforantem inveni. *Met. Oryzae* (Catt.) Sacc. Non vidi. In specimin. Herb. Musaei Romani, stat. spermgon. inveni. *Met. rimularum* (Cooke) Sacc. In specim. orig., tantum *Scirrhiam* inveni. *Met. puccinoides* (Speg.) Sacc. non vidi. *Met. Debeauxii* (S. et R.) Sacc. id. *Met. Fur* (Ebr.) Sacc. id. *Met. profuga* (Ehr.) Sacc. id. *Met. Lycopodii* (B. et C.) Sacc. id. *Met. Plegmariae* (Ces.) Sacc. id. *Met. Stereocaulorum* (Arn.) Sacc. Specim. orig., a cl. Hariot comm., sterilia inveni. *Met. Psorae* (Anzi) Sacc. non

vidi. *Met Lepidotae* (Anzi) Sacc. non vidi *Met. cetraricola* (Nyl.) Sacc. Sec. cl. Karsten est *Sphaerulina*, *Met. Lichenis-sordidi* (Mass.) Sacc. Non vidi. Mihi dubia. Sec. Körb. est lichen, *Met. rothomagensis* (Roum.) est. *Lophotrema vagabundum ex specim. orig.* *Met. Origani* Mout. non vidi *Met. humulina* (Peck) Sacc. id. *Met. gei* Rich. id. *Met. primulicola* Pat. id. *Met. depressula* Sacc. et Roum. Est. *Leptosph. rubicunda*; sporidia sunt flaveola 3-septata, loculo secundo inflatulo. *Met. macrospora* Speg. aptius ad *Sphaerulinam* adscribenda. *Met. cryptospila* (Berl.) Sacc. non vidi sed mihi dubia. *Met. tinctoria*. Pass. Ex specim. orig. nihil eruere potui, inveni tantum, et copiose, *Didymosphaeriam Spartii*. *M. Spartii* Brunaud non vidi. *M. Liriodendri* Pass. id. *M. Robergia* Sculz. et Sacc. id. *M. Massarina* Sacc. est *Calospora* nam perithecia sunt vasoideo-aggregata, minutissima ita ut acervulus totus $\frac{3}{4}$ mm. diam. metiatur; sporidia vero subinde loculo e mediis longitudinaliter diviso ad *Hyalodictyas* speciem appropinquant. *Met. Peridermii* Pass. non vidi. *M. cavernosa* (E. et E.) Sacc. id. *M. slavonica* S. et S. id. *M. sarmenticola* Pass. ex specim. orig. nihil eruere potui. *M. Sambuci* Pass. sporidiis luteo-coloratis gaudet et ad *Leptosph. dumetorum* adscribenda. *M. Forsythiae* Pass. specim. orig. sterilia inveni. *Met. constricta* Bres. ascii sunt sexdecemspori et sporidia etiam longitudinaliter divisa, quare species ad *Caproniam* pertinet. *Met. conformis* (B. et C.) Sacc. sporidia sunt lutea; species ad *Leptosph. Doliolum f. ramicolam* pertinet. *M. rubida* E. et E. non vidi *Met. Lonicerae* Fautrey id. *Met. plagarum* (C. et H.) Sacc. Specim. orig. sterilia inveni sed e facie potius *Zignoella* designant. *M. Subsimilis* Schulz. et Sacc. non vidi. *M. annulata* Pat. id. *M. Lieuryana* Malbr. et Le Bret. Ex specim. orig. nihil eruere potui. *Met. Molleriana* (Niessl) Berl. et Vogl. non vidi. *Met. hederaefolia* (Cooke) Sacc. Specim. orig. sterilia inveni. *Met. alba* Pass. est. *Leptosph. eustoma f. Salicirea/um*, nam sporidia sunt luteola. *Met. pampinea* Pass. est. *Lept. eust. f. Vitis* nam sporidia sunt luteola. *Met. Maclurae* (E. et E.) Sacc. non vidi. *M. Idesiae* Pass. Est. *Lept. eustoma*. *M. palmicola* Pat. non vidi. *Met. Chamaeropis* Pass. est. *Lept. eustoma f. Chamaeropis*, nam sporidia sunt luteola. *M. Sparganii* Fautrey non vidi. *M. minor* Schroet. id. *M. platyspora* Pass. id. *M. borealis* Rostr. Ex specim. orig. nihil eruere potui. *Met. acorella* (Cooke) B. et V. non vidi. *Met. nervisequa*. (Wint.) B. et V. id. *Met. sepulta* Pass. Est. *Leptosph. eust.* *Met. musana* Mont. non vidi. *Met. ceratotheca* (C.) Sacc. Certe non *Metasphe*; in specim. orig. tantum inveni subicum crustaceum *Chaetosphaeriae* ad instar. *M. Zeae* Pass. Sporidia luteola *Leptosph. eust. f. Zeae* designant. *M. Lolii* Pass. est *Lept. eustoma*. *M. Lind-sayana* (Curr.) Sacc. non vidi. *M. albescens* Thuem. id. *M. insularis* Speg. id. *M. stenotheaca* E. et E. non vidi. *M. n'gro-tinges* Mont. id. *M. leptogiphila* (Minks) Berl. et Vogl. id. *Met. crassiuscula* Sacc. et Briard (Florul Aube p. 314). Ex specim. orig. nihil eruere potui. *M. Marchaliana* Sacc. sporidia sunt viridula, 24-28 x 4-6 et potius *Leptosph. arundinac.* designant.

Clavis analytica generum Sphaeriacearum Hyalophragmiarum.

I. Simplices.

a Perithecia erostrata.*A* Cortice tectae vel demum crumpentes.*§* Perithecia pariete crassa praedita.

Sporidia halone mucosa cincta

Massarina*§§* Perithecia membranacea.*†* Caulicolae vel ramicolae, pseudostromate carentes.

Asci paraphysati, non roseolati, sporidia mutica

Metaspheeria

Asci aparaphysati, saepius roseolati, sporidia mutica

Sphaerulina

Asci paraphysati, non roseolati, sporidia utrinque setigera

Ceriosporella*††* Foliicolae, perithecia phyllogena, pseudostromate tecta.

Asci aparaphysati.

Hypospila*†††* Lignicolae.Perithecia cortice duriore vel ligno immersa; sporidia plures septata **Saccardoella***AA* Superficiales vel subsuperficiales.*§* Hirsutae vel byssosedæ.*†* Perithecia vertice concoloria.

Perithecia majuscula, carbonacea; sporidia cylindracea apice in-crassata

Bombardia (1)

Perithecia majuscula, carbonacea; byssso atra, grisea vel sulphurea tecta; sporidia cylindracea, elongata, hyalina, rarius fuscella

Lasiophaeria

Perithecia majuscula carbonacea, byssso atrâ tecta; sporidia breviuscula fusoidea

Enchnophaeria

Perithecia exigua, membranacea, setis rigidis ornata, sporidia fu-soidea vel teretiuscula

Acanthostigma*††* Perithecia vertice discoloria.

Perithecia majuscula, carbonacea; sporidia breviuscula, fusoidea

Herpotrichia*§§* Glabrae vel glabriuscule.

Perithecia leva

Zignoella

Perithecia tuberculigera

Winterella*b* Perithecia rostellata.*§* Asci octospori, sporidia articulis non secedentibus**Ceratosphaeria** (2)

Perithecia lignicola carbonacea

Gnomoniopsis

Perithecia foliicola, membranacea

§§ Asci octospori; sporidia ad septum medium secedentia.

Perithecia membranacea, rostro laterali instructa

Cryptoderis

II. Compositae, stromaticae.

Stroma lentiforme, spermogonio adnatum

Melanops (3)

Stroma valsiforme

Calospora(1) In *Bomb. fasciculata* perithecia sunt verticaliter evoluta glabra.(2) Huc aptius locandum genus *Ceratosphaeria* inter *Phaeophragmias* constitum.

(3) Genus non a me visum, et mihi dubium.

Claves analyticae specierum e generibus in hoc
volumine contemptis (1)

Clavis analytica specierum generis « *Schizostoma* »

A Species minores.

a Corticolae (in cortice truncorum)

§ Perithecia gregaria vel subgregaria

Asci 65-75 \approx 10; sporidia ovoideo-elongata 14-16 \approx 5; in cortice arborum in Africa

S. microsporum

§§ Perithecia sparsa

Asci 85-95 \approx 13-15; sporidia 28-30 \approx 8; in cortice *quercino* et *populinio* in It. bor. et Germania

S. vicinum

aa Ramicolae (in cortice ramorum)

Perithecia $1\frac{1}{3}$ mm. d.; asci 90-110 \approx 14-22; sporidia 30-35 \approx 11-12, primo amoene fuliginea dein atro-fuliginea. In *Celtide Talea*, in Argentina

**S. tuyutense*

aaa Lignicolae

Perithecia gregaria; asci 80-90 \approx 10-12; sporidia 22-25 \approx 5-7. In *Abete* in Styria

S. vicinellum

Perithecia laxe subgregaria; asci 80-90 \approx 15-18; sporidia 28-30 \approx 8-9. In *Salice* in Argentina

**S. vicinissimum*

aaaa Culmicolae

Perithecia minuta; asci 145 \approx 13-21; sporidia ovoidea, 15-23 \approx 6,5-11. In *Ammophila* in Belgio

**S. ammophilum*

AA Specie quoad perithecia vel sporidia majores

a Corticolae

Perithecia sparsa $1\frac{1}{2}$ - $2\frac{1}{3}$ mm. d.; asci 180-200 \approx 20-22; sporidia 36-40 \approx 10-12, concoloria; in cortice *quercino* in It. bor.

S. Montellicum

aa Lignicolae

Perithecia sparsa 1 mm. et ampl. diam.; asci 40-45 \approx 6-8; sporidia 14-16 \approx 3,5-4 apicibus hyalinis; in ligno putri in Ceylon

S. pachytele

aaa Culmicolae.

Perithecia minuta $1\frac{1}{5}$ - $1\frac{1}{6}$ mm. d.; asci 150-160 \approx 30-35; sporidia ellip-tico-limoniiformia, apicibus subhyalinis, 30-40 \approx 10-15; In *Molinia* in It. bor.

**S. Bellunense*

Clavis analytica specierum generis « *Lophiosphaera* »

A Sporidia mutica.

§ Sporidia monosticha.

(1) In Clave cuiusque generis, etiam species non examinatae, et quae e diagnosi genuinae videntur, suo loco inseruntur, et asterisco notantur; dubiae vero omittuntur.

Perithecia $\frac{1}{8}$ mm. d. sparsa; asci 80-100 \approx 12; sporidia 23-26 \approx 7-9;
in cortice quercino in It. bor.

L. quercreti

Perithecia sparsa vel subgregaria, $\frac{1}{4}$ mm. d.; asci 90-1000 \approx 10-12;
sporidia 18-20 \approx 6-8; in *Salice* in It. bor.

L. forojuliensis

§§ Sporidia disticha.

Perithecia modo sparsa modo dense conferta, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci
100-110 \approx 10-12; sporidia 22-26 \approx 6; in *Helichryso* in Gallia

L. Helichrysi

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 100-130 \approx 16-18; sporidia 32-
34 \approx 8 (rarius 40 \approx 7) in ligno *fagineo* pr. Münster

L. Beckhausii

Perithecia gregaria, $\frac{2}{3}$ mm. d.; asci 170 μ longi; sporidia 50 \approx 7,5;
in culmis *arundinaceis?* « Cayenna »

**L. Schizostoma*

B Sporidia utrinque appendicula aucta.

§ Species lignicolae.

Perithecia sparsa, $\frac{1}{8}$ mm. d.; asci 90-100 \approx 12; sporidia 30-35 \approx 6-7;
in ligno *arborum nonnullarum* in Italia et Am. bor.

L. lignicola

Perithecia gregaria, $\frac{1}{4}$ - $\frac{1}{8}$ mm. d.; asci 70-80 \approx 10-12; sporidia 16-
20 \approx 4-5; in ligno *quercino* in It. bor.

L. pulveracea

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 60-70 \approx 8; sporidia 16-20 \approx 5;
in ramulis decorticatis *Ericae* in Gallia

L. cristata

Perithecia sparsa vel subgregaria, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 70-80 \approx 6-8;
sporidia 18-20 \approx 4-5; in discis dolii vinarii *quercinis* in Am. bor.

L. heterostoma

§§ Species cauli-ramulicolae vel sarmenticolae.

Perithecia $\frac{1}{2}$ mm. d., sparsa vel gregaria; asci 90-100 \approx 16-18; spo-
ridia 26-28 \approx 6-8; in *Artemisia*, *Cytiso*, et *Globularia* in It. bor.

L. anaxaea

Perithecia $\frac{1}{5}$ - $\frac{1}{4}$ mm. d. subgregaria; asci 60-80 \approx 8-10; sporidia 15-
18 \approx 4-5; in sarmentis *Rubi* in Italia et Germania

L. Fuckelii

Perithecia $\frac{2}{3}$ - $\frac{1}{2}$ mm. d. discreta; asci 80 \approx 10; sporidia 20 \approx 8; in
ramulis *Salicis* in Argentina

**L. bonariensis*

Clavis analytica generis « *Lophiotrematis* »

A Species sporidiis triseptatis.

a In ligno denudato.

Perithecia $\frac{1}{8}$ mm. d., gregaria hysteroideo-aperta: asci 60-70 \approx 5-8;
sporidia 12-13 \approx 4-5; in ligno *Quercus* in Am. bor.

L. hysteriooides

Perithecia gregaria, circiter $\frac{1}{8}$ mm. d.; asci 80 \approx 5; sporidia 12-
14 \approx 3-3,5; in ligno emortuo in Am. bor.

**L. aequivocum*

Perithecia 250 μ . d., sursum collapsa; asci 90-100 \approx 12-15; sporidia
18-24 \approx 5-6,5; in ligno *Amelanchieris* in Am. bor.

**L. pallidum*

Perithecia gregaria 350-500 μ . d.; asci 150-175 \approx 15-17,5; sporidia
30-40 \approx 7,5-10; in *Populo* in Am. bor.

**L. vestitum*

b In cortice ramorum vel truncorum.

† Perithecia sparsa vel subgregaria.

Perithecia sparsa et subinde gregaria; asci 110-120 \approx 8; sporidia
18-20 \approx 6; in plantis pluribus in fere tota Europa

L. Nucula

- Perithecia plus minusve crebre sparsa; asci 70-6-8 sporidia 20-23-3-4; in *Deutzia* in It. bor. *L. vigheffulense*
- Perithecia laxe gregaria; asci 80-10-12; sporidia 18-6. In *Amelanchier* in It. bor. *L. affine*
- †† Perithecia gregaria.
- Perithecia emergentia, $\frac{1}{2}$ mm. d.; asci . . . ; sporidia 26-33-5-7; in *Populus* in Fennia **L. emergens*
 - Perithecia minuta; asci 80-100-7-9; sporidia 24-30-3-4; in *Platano* in Germania **L. myriocarpum*
- e In culmis exsiccatis.
- † Perithecia sparsa vel subgregaria.
- Perithecia $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci cylindracei 90-110-8-10; sporidia 22-25-4-6; in plantis pluribus in Italia Germania et Gallia *L. vagabundum*
 - Perithecia minutula; asci cylindracei . . . ; sporidia 25 μ . longa; in *Scrophularia* in Am. bor. **L. Scrophulariae*
 - Perithecia $\frac{1}{8}$ mm. d.; asci clavati . . . ; sporidia 38-42-7-8; in *Thymus* in Gallia **L. Thymi*
 - Perithecia $\frac{1}{8}$ mm. d.; asci oblongi, 67-8; sporidia 16-4; in *Sedum* in Germania *L. Sedi*
 - Perithecia $\frac{1}{8}$ mm. d.; asci cylindracei, 90-100-9; sporidia 20-25-5-6, appendiculata; in *Sisyrinchium* prope Münster *L. leucosporum*
- †† Perithecia gregaria.
- Perithecia $\frac{1}{8}$ mm. d.; asci cylindracei 100-110-15-18; sporidia 30-33-8-9; in *Aconitum* in Hungaria et Tirolia **L. hungaricum*
- d In culmis exsiccatis.
- † Perithecia immersa.
- Perithecia $\frac{1}{5}$ - $\frac{1}{3}$ mm. d.; laxe gregaria; asci 80-90-8-10; sporidia 20-25-4-5; in *Arenaria* in It. bor. *L. culmiphragum*
- †† Perithecia semiimmersa.
- Perithecia $\frac{1}{8}$ - $\frac{1}{2}$ mm. d.; sparsa vel gregaria; asci 100-120-10-12; sporidia 35-40-6, demum 5-septata; in *Gramineae* in fere tota Europa *L. semiliberum*
- e In foliis Mono-vel Dicotyledonearum.
- Perithecia hypophylla, 200-260 μ . d.; asci 78-88-9, cylindracei; sporidia 14-16-5, appendiculata; in *Quercus coccifera* in Lusitania **L. Mollerianum*
 - Perithecia sparsa minutissima; asci clavati, 70-80-10; sporidia 20-4-5; in *Quercus coccifera* in Algeria **L. stenogramma*
 - Perithecia sparsa, 250-270 μ . d.; asci clavati, 60-66-9-10; sporidia strato mucoso obducta; in *Phoenicea* in Belgio **L. phyllophilum*
 - Perithecia sparsa minutissima; asci . . . ; sporidia 24-6-7; in *Calamagrostide* in Germania **L. pusillum*
- f in fructibus plantarum vel in stromate hypoxylaceo.
- Perithecia sparsa, minima; asci 45-50-9-10; sporidia 18-20-5; ad glandes *Quercus Ilicis* in Gallia **L. glandium*
 - Perithecia conferta, 350-500 μ . d.; asci 120-150-15-17,5; sporidia 30-40-7,5; in *Hypoxylo Morsei* in Am. bor. **L. parasiticum*
- B Sporidia 5-pluriseptata

a In ligno denudato.

- Perithecia laxe gregaria, $\frac{1}{4}$ - $\frac{2}{3}$ mm. d.; asci 140-150 \approx 20-22; sporidia 25-40 \approx 12-14, quinqueseptata; in *Salice* in It. bor *L. littorale*
 Perithecia laxe gregaria; asci saccato-clavati; sporidia 35 \approx 8, septemseptata; in ligno in Socotra **L. Socotrae*
 Perithecia 500-600 μ . d.; asci 120-130 \approx 26; sporidia 30-40 \approx 10; fuscoideo-subclavulata, 7-8-septata; in *Chiliotricho* in Fuegia **L. australe*
 Perithecia 500-800 μ . d.; asci 150-200 \approx 16-20; sporidia 45-52 \approx 7-8, fusoidea, utrinque acutissima, 9-11-septata; in *Chiliotricho* in Fuegia **L. antarcticum*

b In cortice ramorum vel truncorum.

† Perithecia sparsa vel subgregaria.

- Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 100-110 \approx 8-12; sporidia 24-28 \approx 6-7, quinqueseptata; in plantis pluribus in fere tota Europa et Am. bor. *L. praemorsum*
 Perithecia $\frac{1}{4}$ - $\frac{1}{3}$ mm. d. eximie cristata; asci 120-130 \approx 10-12; sporidia 26-30 \approx 5-7, quinqueseptata; in plantis pluribus, in fere tota Europa *L. crenatum*
 Perithecia $\frac{1}{2}$ - $\frac{2}{3}$ mm. d.; asci 120-150 \approx 18-22; sporidia 35-40 \approx 7-9, septemseptata, mutica; in ramis *Ailanthi*, *Rhamni* et in ligno *salicino* in Italia et Germania *L. massarioides*
 Perithecia ligno infossa; asci elongati; sporidia 40-56 μ . longa, 7-septata; in *Spiraea* in Am. bor. **L. Spireae*
 Perithecia 200-290 μ . longa, 90-100 μ . crassa; asci 150-180 \approx 20; sporidia 60-65 \approx 10, constricto -9-10-septata; in *Vite vinifera* in Italia bor. **L. Thuemenianum*
 Perithecia $\frac{1}{4}$ mm. d.; asci 120-130 \approx 14; sporidia 35-37 \approx 8, appendiculigera, 7-septata; in *Alno*, in caule *Rumicis* et in ligno corticato *salicino* in Italia, Gallia et Germania *L. auctum*
 Perithecia $\frac{1}{2}$ mm. d.; asci 90-100 \approx 9-10; sporidia 22-28 \approx 4-7-5, elongato-fusoidea, 6-8-guttulata; in *Ampelopsis* in It. bor. **L. pygmaeum*
 Perithecia 300-350 μ . d.; asci 110-120 \approx 10-12; sporidia 25-28 \approx 6-5-7, subfusoidea, 5-7-septata; in *Phyllesia*, *Fuchsia* et *Chiliotricho* in Fuegia **L. magellanicum*

†† Perithecia gregaria.

- Perithecia 200-300 μ . d.; asci 120 \approx 8-10; sporidia 26-32 \approx 6, cylindraceo-fusoidea, 7-septata; in *Pernetta* in Fuegia **L. fuegianum*
 Perithecia $\frac{1}{4}$ mm. d.; asci 80-90 \approx 7-8; sporidia 30-35 \approx 4-5, quinqueseptata; in *Corylo* in Gallia **L. Coryli*
 Perithecia 0,3 mm. d.; asci 90 \approx 8; sporidia 27 \approx 4, elongato-fusoidea 4-8-cellularia; in *Vite* in Hungaria **L. ampelinum*
 Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 100-120 \approx 14-16; sporidia 40-45 \approx 7-8, fusiformia, 9-10-septata; in *Vite*, *Lonicera*, *Galio*, in Italia et Germania *L. alpigenum*

c In caulibus vel culmis.

- Perithecia sparsa, $\frac{1}{3}$ - $\frac{2}{3}$ mm. d.; asci 100-120 \approx 10-12; sporidia 24-26 \approx 6-7; in *Artemisia* in Gallia *L. Artemisiae*
 Perithecia sparsa $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 120-140 \approx 20-25; sporidia 8-11-septata, 40-45 \approx 10-11; in culmis caulibusque in It. bor *L. Cadubriae*

Clavis analytica specierum generis « Lophiostoma »

A Sporidia triseptata

§ Sporidia disticha

Perithecia $\frac{1}{3}$ mm. d., subgregaria; asci 60-70 \approx 6-7; sporidia 11-14 \approx 4.

In ligno *quercino* in Franconia

L. parvulum

Perithecia sparsa $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 100-110 \approx 14-16; sporidia 20-24 \approx 7-8 crasse quadriguttata. In corticibus in fere tota Europa. (Var *Rosacearum* in Rosaceis. Var *caespitosum* in Rubo)

L. quadrinucleatum

Perithecia $\frac{1}{3}$ mm. d. sparsa; asci 95-105 \approx 12-14; sporidia 22-24 \approx 6,5-8. In ligno *Castaneae* in It. bor.

L. rhopaloides

Perithecia sparsa vel conferta, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 100 \approx 10 (p. spor.) sporidia clavata; 25 \approx 6. In *Syringa* et *Crataego* in Gallia. (Valde affine *Loph. rhopaloidi*)

**L. fallax*

Perithecia laxe gregaria, 150-180 μ . d.; asci 90-120 \approx 9-12; sporidia 15-17 \approx 7. In sarmentis *Rubi* in Argentina

**L. argentinum*

Perithecia sparsa; asci lineares; sporidia 15-17 μ . longa. In ligno e-mortuo in Am. bor.

**L. triseptatum*

Perithecia sparsa, globosa, 250 μ . d.; asci 75-90 \approx 6-7; sporidia 18-22 \approx 3-3,5. In cortice *Vitis* in Am. bor.

**L. stenostomum*

Perithecia sparsa vel gregaria; asci 90-95 \approx 10-11; sporidia 30 \approx 8-10. In *Corno* in Gallia

**L. Corni*

Perithecia gregaria vel sparsa, $\frac{1}{4}$ mm. d.; asci 80 \approx 8; sporidia 4-nucleata, uniseptata, 18-20 \approx 4-4 $\frac{1}{2}$. In strematibus *Diatrypes* in Am. bor. (An *Schizostoma*?)

**L. floridanum*

Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 100-110 \approx 13-15; sporidia 1-septato-constricta, crasse 4-5-guttata, utrinque appendiculigera, pallide lutea. In *Staphylea* in Am. bor. (An *Lophiosphaer*?)

**L. roseo-tinctum*

Perithecia sparsa, minuta; asci cylindracei, 70 \approx 9 \approx 11; sporidia 13-18 \approx 4-6. In *Plantagine* prope Münster, Germaniae

**L. demissum*

§§ Sporidia monosticha

Perithecia $\frac{1}{3}$ mm. d.; asci 80-90 \approx 8-9; sporidia 16-20 \approx 6-7, raro septulo longit. divisa. In ramis *Pruni* in Am. bor.

L. Pruni

Perithecia 1 mm. diam., subinde ostiolo 1 $\frac{1}{2}$ mm. longo; asci 120-130 \approx 16-20; sporidia 20-22 \approx 8-10 sursum subdisticha. In cortice *Salicis* et *Quercus* pr. Münster, Germaniae

L. isomerum

Perithecia ut plurimum conferta, $\frac{3}{4}$ mm. d.; asci 140-160 \approx 12-15; sporidia 28-31 \approx 9-11. In cortice *Tiliae* in Fennia

L. fallacissimum

Perithecia gregaria vel sparsa $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 150-170 \approx 12-15; sporidia 28-35 \approx 8-10; in ramis arborum plurimum in Germania, Italia et Britannia

L. Desmazieri

Perithecia laxe sparsa $\frac{1}{3}$ mm. d.; asci 135-380 \approx 15-18; sporidia 21-28 \approx 9-10, rufo-fuliginea. Ad basim caudicum *Buxi* in Gallia

L. maculans

B Sporidia quinquesepata

† Sporidia concoloria

§ Sporidia exappendiculata

- Perithecia sparsa, $\frac{1}{2}$ mm. d.; asci 80-90 \approx 12; sporidia 18-22 \approx 6-7; in caulinis variis in Europa et Am. bor. (Adsunt f. *majus* et f. *Sambuci*) *L. caulinum*
- Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. d., sparsa, rarius gregaria; asci 70-90 \approx 12-14; sporidia 16-20 \approx 6-7; in caulinis ramis ue variis in Gallia *L. vagans*
- Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 100-110 \approx 14; sporidia 22-24 5-6; in *Salice* in Am. bor. *L. erosum*
- Perithecia sparsa vel gregaria, $\frac{1}{3}$ mm. d.; asci 80-90 \approx 12-14; sporidia 28-32 \approx 5-6; in culmis *Arundinis* in fere tota Europa *L. Arundinis*
- Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. d., gregaria; asci 100-110 \approx 10; sporidia 22-26 \approx 6-8, in ramis plantarum in Italia, Germania, Gallia, etc. *L. pseudomacrostomum*
- Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. d. gregaria; asci 120-140 \approx 12-14; sporidia 26-28 \approx 7-8; in ligno *Salicum* et *Populorum* in Italia, Germania et Gallia *L. macrostomoides*
- Perithecia laxe gregaria, 300 μ d., asci 160-200 \approx 14-18; sporidia 24-28 \approx 8-10; in ramis *Pinastri* in Moravia **L. Pinastri*
- Perithecia subgregaria; asci cylindracei vel clavati; sporidia 20-23 μ . longa; in ramis *Salicis* in Am. bor. **L. turritum*
- Perithecia prominentia, 180-200 μ . d.; asci subclavati; sporidia 20-25 μ . longa; in ramis *Cephalanthi* in Am. bor. **L. prominens*
- Perithecia late sparsa, $\frac{1}{5}$ mm. d.; asci 100 \approx 15; sporidia 22-25 \approx 6 flava (saepius biseptata); in caulinis *Euphorbiae Characiae* in Gallia **L. Characiae*
- Perithecia laxe sparsa, $\frac{1}{4}$ mm. d.; asci 60-80 \approx 12-15; sporidia 30 \approx 9; in ramulis *Brachypodii* in Gallia **L. Brachypodii*
- Perithecia subgregaria; asci cylindracei vel subclavati; sporidia 3-5-septata 50-60 μ . longa; in ligno putri in Am. bor. **L. magnatum*
- Perithecia sparsa, $\frac{1}{2}$ - $\frac{1}{3}$ mm. d.; asci subcylindracei; sporidia 36-40 \approx 9-10; in ligno *Salicis* in Gallia **L. Goudefroyi*
- Perithecia sparsa; asci 60-80 \approx 9-10; sporidia 21-24 \approx 4,5-5 (plerumque 3-septata); in capsul. *Sarothamni* in Germania **L. Spartii*
- Perithecia sparsa, minutissima; asci 100 \approx 10-12; sporidia 14-18 \approx 4-5 (plerumque 3-septata) loculo quodam hinc inde longitudinaliter divise; in rimis trunci *Tiliae* in Bavaria **L. Allescheri*
- Perithecia sparsa vel subapproximata; asci 50-75 \approx 8-9; sporidia 18-20 \approx 3,5-4; in pericarpio lignoso fructuum *Coryli Avellanae* in Gallia **L. corylinum*
- Perithecia sparsa, 180-200 μ . d.; asci 55-60 \approx 12-15 (p. spor.); sporidia 20-25 \approx 4-5; in culmis in Fuegia **L. fuegianum*
- §§ Sporidia utrinque appendiculata.
- Perithecia subgregaria $\frac{1}{3}$ mm. d.; asci 70-80 \approx 12-14; sporidia 20-23 \approx 7; in ramis *Populi*, *Mori* et *Lonicerae* in It. bor. *L. perversum*
- Perithecia sparsa vel subgregaria, $\frac{1}{3}$ mm. d.; asci 85-95 \approx 12-14; sporidia 24-28 \approx 6-8; in caulinis et ramis in Fennia, Britannia, Gallia, Italia *L. simillimum*
- Perithecia sparsa $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 70-80 \approx 10; sporidia 20-27 \approx 8-10 (raro 35 \approx 18); in caulinis variis in tota fere Europa *L. insidiosum*

- Perithecia sparsa; asci clavati; sporidia 22 μ . longa; in ramis in Britannia **L. bicuspidatum*
- †† Sporidia fuliginea loculis extimis pallidioribus. *L. oreophilum*
- Perithecia $\frac{1}{4}$ mm. d.; asci 150 \times 16-20; sporidia 30-35 \times 8-10; in ramulis *Corni* in It. bor. *L. elegans*
- Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 160-170 \times 14-18; sporidia 38-47 \times 12; in cortice *Mori* et *Juglandis* in Gallia et It. bor. *L. biforme*
- Perithecia conferta, $\frac{1}{3}$ mm. d.; asci 140-160 \times 16-22; sporidia 36-40 \times 8-10; in ligno *quercino* in It. bor. et Moravia *L. macrostomum*
- Perithecia $\frac{1}{2}$ - $\frac{2}{3}$ mm. d.; sparsa; asci 90-110 \times 16-20; sporidia 36-38 \times 7-9; in cortice crassiore plantarum plurium in fere tota Europa et Am. bor. (Adest. var. *septemseptata* in *Salice* in It. bor.) *L. macrostomum*
- ††† Sporidia loculo infero (quasi caudâ) subhyalino terminata.
- Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 90-100 \times 12-16; sporidia 26-30 \times 6-8; in caulibus *Lychnidis* et in ramis *Patiuri* in Italia, Germania et Gallia *L. caudatum*
- Perithecia subsparsa, $\frac{1}{3}$ mm. d.; asci 110-120 \times 13-16; sporidia 26-30 \times 6-8; in culmis *Phragmitis* in Italia, Gallia et Germania *L. dacryosporum*
- C* Sporidia septemseptata.
- † Sporidia concoloria.
- Perithecia laxissime gregaria, $\frac{1}{5}$ mm. d.; asci 120-150 \times 14-16; sporidia 28-35 \times 8-11; in basi foliorum *Circum* et culmis *Festucae* in It. bor. et Austria *L. collinum*
- Perithecia $\frac{1}{3}$ mm. d., sparsa vel gregaria; asci 160-180 \times 22-25; sporidia 48-54 \times 10-12, diu hyalina, biconoidea, dei 7-septata; in cortice *Piri* in Germania *L. subcorticale*
- Perithecia aggregata, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 110-120 \times 16-18; sporidia 38-42 \times 8-10; in ramis *Sambuci* in California *L. congregatum*
- Perithecia subsparsa, $\frac{1}{3}$ mm. d.; asci 90-110 \times 10-12; sporidia 22-26 \times 6-8; in cortice *Persicæ* in It. bor. *L. endophlaeum*
- Perithecia $\frac{1}{3}$ - $\frac{2}{3}$ mm. d. sparsa; asci 150-160 \times 16-18; sporidia 30-35 \times 7-9; in cortice et ligno *Salicu*m in Germania et Gallia *L. Salicum*
- Perithecia sparsa, $\frac{1}{2}$ - $\frac{2}{3}$ mm. d.; asci 80-120 \times 16-18; sporidia 22-23 \times 8-10; in ligno acerino in Am. bor. *L. scelestum*
- Perithecia globosa, $\frac{3}{4}$ -1 mm. d.; asci 150 \times 12; sporidia 2-26 \times 8-10 vel 20-22 \times 12-15, tri-septemseptata subinde loculis 1-2 septo longitudinali divis; in cortice *Nyssae* in Am. bor. *L. subcollapsum*
- †† Sporidia loculis extimis pallidioribus.
- Perithecia sparsa, $\frac{1}{2}$ - $\frac{2}{3}$ mm. d.; asci 140-150 \times 16-20; sporidia 38-42 \times 10-12; in ramis *Tiliae* in It. bor. *L. nigricans*
- Perithecia sparsa vel leniter gregaria, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 180-200 \times 16-20; sporidia 35-40 \times 8-12; in cortice arborum in tota Europa *L. Balsamianum*
- Perithecia late sparsa, $\frac{1}{2}$ mm. d.; asci 80-100 \times 10; sporidia 26-36 \times 6-8 (saepius 5-septata) in truncis *Ericæ* in Gallia *L. Ericarum*
- D* Sporidia pluriseptata (8-12-septata).
- § Sporidia concoloria.

Perithecia $\frac{1}{2}$ mm. d., sparsa vel laxe gregaria; asci 300-350 \approx 40-50; sporidia 95-100 \approx 2; in cortice <i>Quercus</i> in It. bor.	<i>L. macrosporum</i>
Perithecia immersa; asci 150 \approx 15; sporidia cymbiformia aut fusiformia 9-septata, 38 \approx 8; in culmis <i>Arundinis</i> in Algeria	<i>L. Crista-Galli</i>
§§ Sporidia loculis extimis pallidioribus.	
Perithecia sparsa, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 160-180 \approx 12-18; sporidia 60-70 \approx 9-12, 9-septata; in ligno <i>Mori</i> in Gallia	<i>L. Julii</i>
Perithecia sparsa vel subgregaria, maxima $\frac{3}{4}$ - $\frac{1}{3}$ mm. d.; asci 300-330 \approx 28-30; (vel 250 \approx 45-50) sporidia 55-65 \approx 16-20 e latere compressa; in cortice <i>Plantarum</i> in Europa	<i>L. excipuliforme</i>
Perithecia sparsa vel subgregaria; asci; sporidia 40 \approx 7,5, oblongo-clavata, 9-11-septata, apiculo hyalino terminata; in cortibus in Abyssinia	* <i>L. papillatum</i>

Clavis analytica specierum generis « Lophidium »

A Sporidia transverse triseptata.

§ Sporidia disticha.

Perithecia sparsa vel hinc inde leviter gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 50-60 \approx 8; sporidia 14-16 \approx 6-8; in ramis dec. <i>Nyssae</i> in Am. bor.	<i>L. minus</i>
§§ Sporidia monosticha.	

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 80-100 \approx 8-10; sporidia 16-18 \approx 6-7; in ramis <i>Genistae Scorpiae</i> in Gallia	<i>L. Scorpiae</i>
Perithecia sparsa $\frac{1}{2}$ mm. d.; asci 120-150 \approx 10-12; sporidia monosticha, vel etiani subdisticha, 16-21 \approx 8-9; in ramis <i>Rhois Cotini</i> in Gallia	* <i>L. Cotini</i>

B Sporidia transverse 5-6-septata.

§ Sporidia disticha.

Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; sparsa, asci 100-110 \approx 12-16; sporidia 18-24 \approx 6-8 (raro 7-septata); in ramis <i>arborum plurium</i> in tota fere Europa et Am. bor.	<i>L. compressum</i>
Perithecia copiosa; asci cylindracei vel clavati; sporidia disticha vel etiam monosticha, 25-33 μ . longa; in ramis <i>Xantoxyli</i> in Am. bor.	* <i>L. obtectum</i>
Perithecia sparsa vel subgregaria; asci 75 \approx 13; sporidia 23 \approx 7,5; in <i>Echinopi Ritro</i> in It. bor.	* <i>L. Ritro</i>

§§ Sporidia monosticha.

Perithecia sparsa vel gregaria, $\frac{1}{2}$ - $\frac{2}{3}$ mm. d.; asci 110-120 \approx 10; sporidia 22-26 \approx 7-9; in <i>Alno</i> et <i>Salice</i> in Fennia et Lapponia	<i>L. deflectens</i>
Perithecia sparsa, $\frac{1}{2}$ mm. d.; asci 100 \approx 10-20; sporidia 22-30 \approx 8-10; in ramis <i>Spartii</i> in Gallia	* <i>L. Spartii</i>

C Sporidia transverse 7-8-septata.

§ Sporidia disticha.

Perithecia gregaria, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 70-80 \approx 12-16; sporidia 16-20 \approx 6-8; in ramis <i>Lauri</i> in It. bor.	<i>L. nobile</i>
--	------------------

Perithecia laxe gregaria, $\frac{1}{3}$ mm. d.; asci 90-110 \approx 14-16; sporidia 20-24 \approx 10-12; in culmis <i>Arundinis</i> in It. bor.	<i>L. hygrophilum</i>
Perithecia gregaria, rarius sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 90-120 \approx 14-18; sporidia 26-32 \approx 9-12; in cortice <i>Piri</i> in Germania et Italia	<i>L. gregarium</i>
Perithecia laxe disseminata, circ. 1 mm. d.; asci 120-170 \approx 20-28; sporidia 7-8-septata, 38-48 \approx 13-18; in cortice <i>Juglandis</i> in It. bor.	* <i>L. subgregarium</i>
Perithecia sparsa vel subgregaria; asci oblongo-subclavati, 95 \approx 5; sporidia 22-27 \approx 8-10; in cortice <i>Aesculi Hippoc.</i> in It. bor.	* <i>L. inops</i>
Perithecia gregaria $\frac{1}{3}$ mm. d.; asci 150 \approx 26; sporidia 34-38 \approx 15; in ramulis <i>Salicis</i> in Belgio	* <i>L. purpuraceens</i>

SS Sporidia monosticha.

Perithecia sparsa, $\frac{1}{2}$ - $\frac{2}{3}$ mm. d.; asci 115-125 \approx 12-15; sporidia 22-24 \approx 9-11; in ramis plantar. variar. aromaticar. e. g. <i>Thimi</i> , <i>Lavandulae Rosmarini</i> , <i>Santolinae</i> , <i>Inulae</i> nec non <i>Genistae</i> , <i>Rhamni</i> etc. in Gallia et Algeria	<i>L. aromaticum</i>
Perithecia solitaria, mediocria; asci anguste elongati; sporidia 6-8-loocularia 30-40 \approx 9-10; in cortice <i>Pruni Cerasi</i> in It. bor. (Mihi dubia)	<i>L. graphidiosporum</i>
Pherithecia dense gregaria ostiolo minuto, papillulato, compresso; 350-400 μ . d.; asci 80-85 \approx 12-15; sporidia 16-25 \approx 7-8, tri-septem-septata, polis pallidioribus; in ramis <i>Escalloniae</i> in Fuegia	* <i>L. melanomoides</i>

D Sporidia transverse 9-pluriseptata.

Perithecia sparsa, $\frac{2}{3}$ -1 mm. d.; asci 210-220 \approx 24-27; sporidia 58-60 \approx 17-19; in ligno <i>Mori</i> in It. bor. et Am. bor.	<i>L. fenestrale</i>
Perithecia sparsa $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 130-150 \approx 18-25; sporidia 36-42 \approx 18-20; in ligno <i>abietino</i> in It. bor.	<i>L. pachysporum</i>
Perithecia laxe gregaria, $\frac{1}{2}$ mm. d.; asci 140-150 \approx 28-30; sporidia 35-40 \approx 12-14; in ramis decortic. <i>Quercus</i> in It. bor.	<i>L. thyridioides</i>
Perithecia gregaria, tecta; asci clavati, 100 μ . longi; sporidia ovato-oblonga, multicestularia, 13-20 \approx 6 (an 5-vel 7-septata?) in <i>Calycotome</i> in Algeria (Mihi dubia)	* <i>L. fraudolentum</i>

Clavis analytica specierum generis « Massaria »**A Sporidia biseptata.**

Perithecia approssimata, granuloso asperata; asci 160-180 \approx 28-36; sporidia 40-50 \approx 16-20; dein brunnea; in ramis *Fagi* in Bavaria **M. fagicola*

B Sporidia triseptata.**§ Sporidiorum pars superior inferiori major.**

Pherithecia subsparsa $\frac{1}{2}$ mm. d.; ostiolo crasse, cylindraceo; asci 180-210 \approx 40-45; sporidia 48-52 \approx 20-24, fuliginea; in ramis <i>Ulmi</i> quois atroinquinat in Germania, Italia, Lapponia et Britannia	<i>M. foedans</i>
Perithecia sparsa, $\frac{1}{3}$ mm. d. ostiolo obtuso; asci 130-160 \approx 25-30; sporidia 40-45 \approx 16-20, olivacea; in ramis <i>Fagi</i> in Europa	<i>M. loricata</i>
Perithecia sparsa, globoso-depressa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 130-170 \approx	

30-35; sporidia 46-55 \approx 14-16, olivacea; in *Aesculo* in Italia Germania et Gallia

M. Aesculi

§§ Sporidiorum pars superior, inferiori aequalis.

† Sporidia concoloria vel guttulis pallidioribus.

Perithecia gregaria, $\frac{2}{3}$ -1 mm. d.; asci 180-240 \approx 60-70; sporidia 90-100 \approx 20-27 olivacea; in ramis *Aceris* in Europa

M. inquinans

Perithecia gregaria, $\frac{1}{2}$ mm. d.; asci 180-220 \approx 30-35; sporidia 60-70 \approx 20-25, olivacea; in ramis *Ulmi* in Germania et Italia

M. Ulmi

Perithecia subgregaria $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 200 \approx 30-35; sporidia 75-80 \approx 14-17, olivacea; in ramis *Pruni* in Germania

M. conspurcata

Perithecia gregaria, 1-1,5 mm. d.; asci ... ?; sporidia 80-84 \approx 15-21 saturate fusca, septo mediano prominente; in ramis *Aceris* in Hollandia

**M. Destraeae*

Perithecia caespitosa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 180-200 \approx 30-35; sporidia 50-58 \approx 18-20, diu hyalina dein haud saturate viridi-flava; in ramis *Fagi* in fere tota Europa

M. macrospora

Perithecia sparsa $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 160-180 \approx 45-55; sporidia 53-60 \approx 18-22, diu hyalina, demum fuscescens; in ramis *Umbellulariae*

M. pulchra

†† Sporidia loculis extimis pallidioribus.

Perithecia gregaria $\frac{1}{2}$ mm. d.; asci 160-180 \approx 20; sporidia 32-36 \approx 12-16, flavo-olivacea; in ramis *Rosae* et *Berberidis* in Helvetia et Italia

M. marginata

C Sporidia pluriseptata.

§ Sporidiorum pars superior inferiori major.

Perithecia subsparsa, $\frac{3}{4}$ mm. d.; asci 180-210 \approx 40-45; sporidia 58-72 \approx 16-19, olivacea; in ramis *Platani* in Germania, Italia et Gallia

M. Platani

Perithecia gregaria $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 200-220 \approx 40-44; sporidia 60-64 \approx 18-20, olivacea; in ramis *Betulae* in Germania, Britannia et Am. bor.

M. Argus

§§ Sporidiorum pars superior inferiori aequalis.

Perithecia gregaria dein late aperta, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 180-200 \approx 22-30; sporidia 70-76 \approx 22-26, fuliginea, loculis extimis subhyalini; in ramis *Mori* in Italia et Am. bor.

M. epileuca

Perithecia circiter 200 μ . d., basi planata; asci 115 \approx 65; sporidia 90 \approx 25-28, quinquespata concoloria fusca; in *Eryngio* in Gallia (Mihi videtur *Leptosphaeria*)

**M. eryngiana*

Perithecia sparsa, ostiolis crassis, cylindricis; sporidia 4-5-septata fusca, 50-60 \approx 12-16; in ramis *Mori* in Am. bor. (An *M. epileuca*?)

**M. olivacea*

Perithecia maiuscula, deppressa; asci ... ; sporidia 5-septata 70-80 \approx 16-18, fusca; in *Sambuco* in America boreali

**M. distincta*

Clavis analytica specierum generis « Leptosphaeria »

A Sporidia biseptata.

Perithecia sparsa, $1/_{10}-1/_{9}$ mm. d.; asci 50-55 \approx 18-20; sporidia 20-25 \approx 6-7; in foliis *Potentillae* in Gallia

L. minima

Perithecia sparsa, $1/_{10}-1/_{8}$ mm. d.; asci 50-55 \approx 12-14; sporidia 15-18 \approx 3.5-4.5; in culmis *Andropogonis*, *Yunci*, *Scirpi* etc. in Belgio, Britannia, Italia, Germania et Gallia

L. Michotii

Perithecia in maculis pallidis, ellipsoideis, 1-6 in quaque macula, 70-75 μ . d.; asci 50 \approx 10-12; sporidia 12-15 \approx 3; in foliis *Caricis* in Am. bor.

**L. folliculata*

B Sporidia triseptata.

§ Species minores (h. e. sporidiis usque 28 μ longis).

a In Acotyledoneis parasitae.

Perithecia sparsa $1/_{8}-1/_{2}$ mm. d.; asci 100-110 \approx 14-18; sporidia 24-26 \approx 8-10; in thallo *Steironematis* in Am. bor.

L. Steironematis

Perithecia acervata, matrice nigrescente immersa, $1/_{8}$ mm. d.; asci tetraspori, 60-65 \approx 10-12; sporidia 19-22 \approx 7-8; in thallo *Peltigerae* in Britannia et It. bor.

L. Rivana

Perithecia conferta, $1/_{3}$ mm. d.; asci 100-110 \approx 9-12; sporidia 22-24 \approx 6-7; in thallo *Parmeliae* in Britannia

L. Parmeliacarum

Perithecia 70 μ d.; asci 55-65 \approx 10-12; sporidia 19-21 \approx 4-5; in thallo *Lemaneae* in Germania et Britannia

L. Lemaneae

Perithecia punctiformia; asci cylindracei; sporidia 24-27 \approx 6-9; in *Sphyridio* in Germania

**L. Sphyridiana*

Perithecia $1/_{9}$ mm. d.; asci 57 \approx 7.5-8; sporidia 11-13 \approx 3-3.5; in *Stere* in Am. bor.

**L. stereicola*

Perithecia in foveola sita, $1/_{8}-1/_{6}$ mm. d.; asci 33-45 \approx 6-7; sporidia 11-13 \approx 3-4; in *Stere* in Am. bor.

L. Porothelia

Perithecia gregaria; asci 50 \approx 10; sporidia 16 \approx 4; in thallo *Chondri* in Dania

**L. danica*

Perithecia sparsa, $1/_{8}-1/_{9}$ mm. d.; asci 75-85 \approx 7-9; sporidia 14-16 \approx 4-5; in thallo *Ramalinae* in Gallia

L. Ramalinae

Perithecia sparsa $1/_{12}-1/_{10}$ mm. d.; asci 40-45 \approx 8-10; sporidia 14-16 \approx 3-3 $1/_{2}$; in pedunculis *Tortulae* in It. bor.

L. bryophila

Perithecia gregaria, 50-100 μ . d.; asci 32-42 \approx 16-19; sporidia 14-16 \approx 3-4; in sporangiis *Polytrichi* in Tyrolia

L. Heusleri

Perithecia laxe gregaria, $1/_{10}-1/_{9}$ mm. d.; asci 44-55 \approx 10-12; sporidia 10-12 \approx 3 $1/_{2}$ -5; in foliis *Selaginellae* in Italia et Germania

L. helvetica

Perithecia sparsa $1/_{8}-1/_{7}$ mm. d.; asci 55-78 \approx 12-14; sporidia 20-24 \approx 5-7; in *Lycopodio* in Fennia, Belgio, Germania, It. et Am. bor.

L. Crepini

Perithecia $1/_{4}$ mm. d., sparsa, 100-110 \approx 12-15; sporidia 23-25 \approx 6-7; in *Equiseto* in It. bor. et Gallia

L. hiemalis

Perithecia sparsa, $1/_{10}-1/_{9}$ mm. d.; epiphylla; asci 25-30 \approx 6-8; sporidia 7.5-8 \approx 3.5-4; in foliis *Pteridis* in It. bor.

L. aquilina

aa In Monocotyledoneis parasiticae.

† Sporidia disticha.

- Perithecia parallela seriata, $\frac{1}{9}\text{-}\frac{1}{7}$ mm. d.; asci 45-50 \approx 8; sporidia 15-17 \approx 3-4; in foliis *Ophiopogonis* in It. bor. *L. Ophiopogonis*
- Perithecia sparsa, $\frac{1}{8}\text{-}\frac{1}{9}$ mm. d.; asci 55-65 \approx 8-9; sporidia 14-16 \approx 4-5; in foliis *Leersiae* in It. bor. *L. Leersiae*
- Perithecia $\frac{1}{8}$ mm. d.; asci 60-70 \approx 10-12; sporidia 23-26 \approx 3,5-4,5; in calamis *Junci* in Germania, Britannia, Lusitania *L. juncina*
- Perithecia sparsa, $\frac{1}{7}\text{-}\frac{1}{10}$ mm. d.; asci 55 \approx 60-7 \approx 10; sporidia 17-20 \approx 4-5; in culmis caulibusque plantarum plurium in Germania, Gallia, et Italia (Adsunt formae plures. Cfr. Tab. XLI-XLIV) *L. eustoma*
- Perithecia sparsa, $\frac{1}{6}\text{-}\frac{1}{4}$ mm. d.; asci 85-95 \approx 10-12; sporidia 22-24 \approx 5-6; in culmis *Arundinis* in It. bor. *L. donacina*
- Perithecia gregaria, apice penicillo setarum instructa; asci 75-85 \approx 10-12; sporidia 18-22 \approx 4,5-5; in calamis *Scirpi* in It. bor. *L. Micropogon*
- Perithecia sparsa $\frac{1}{6}\text{-}\frac{1}{5}$ mm. d.; asci 55-65 \approx 18-24; sporidia 21-23 \approx 5-6; in culmis *Airae* et in caulibus herbarum in Australia, Gallia et Belgio *L. personata*
- Perithecia sparsa $\frac{1}{7}\text{-}\frac{1}{6}$ mm. d.; asci 65-75 \approx 12-14; sporidia 25-27 \approx 4,5-5,5; in culmis *Ammophilae* in Britannia *L. Marram*
- Perithecia sparsa, collapsa, $\frac{1}{6}\text{-}\frac{1}{4}$ mm. d.; asci 50-55 \approx 8-10; sporidia 16-18 \approx 4-5; in culmis *Zrae* in It. bor. *L. patelliformis*
- Perithecia sparsa vel subgregaria, $\frac{1}{8}$ mm. d.; asci 60-65 \approx 12-16; sporidia 15-18 \approx 5-6; in *Asparago* in Fennia *L. socialis*
- Perithecia sparsa $\frac{1}{9}\text{-}\frac{1}{8}$ mm. d.; asci 75-85 \approx 12-14; sporidia 26-28 \approx 6-7, fuliginea; in calamis *Junci* in It. bor. *L. hydrophila*
- Perithecia sparsa, tecta, $\frac{1}{6}\text{-}\frac{1}{8}$ mm. d.; asci 80-90 \approx 20-25; sporidia 25-28 \approx 10-12; in calamis *Typhae* in Germania *L. Kunzeana*
- Perithecia sparsa $\frac{1}{8}\text{-}\frac{1}{6}$ mm. d.; asci 65-75 \approx 12-16; sporidia 23-26 \approx 6-7, in culmis, vaginis foliisque *Typharum*, *Alopecuri*, *Poae*, *Triseti*, etc. in fere tota Europa *L. Typharum*
- Perithecia 250-350 μ . d. late conica; asci 70-100 \approx 12-15; sporidia 20-30 \approx 7; in *Asparago* in Am. bor. **L. Asparagi*
- Perithecia minutissima; asci 44 \approx 10; sporidia 16 \approx 4; in foliis *Dasylii* in It. austr. **L. Dasylii*
- Perithecia gregaria vel sparsa $\frac{1}{8}$ mm. d., solidiuscula; asci 57 \approx 8; sporidia 11 \approx 3,5; in *Sabal serrul.* in Am. bor. **L. sabalicola*
- Perithecia sparsa, in macula griseola; asci 100-110 \approx 10-13; sporidia 22-28 \approx 4; in culmis foliisque *Oryzae* in It. bor. **L. Cattanei*
- Perithecia sparsa, hypophylla, 150-200 μ . d.; asci 40-45 \approx 10; sporidia 17-20 \approx 5; in foliis culmique *Hierochloes* in Am. austr. **L. fuegiana*
- Perithecia 100-120 μ . d. seriata; asci 40-44 \approx 14-16; sporidia 8-12 \approx 3-4; in culmis foliisque *Nardi* in Gallia **L. pachytheca*

†† Sporidia monosticha.

- Perithecia sparsa $\frac{1}{4}\text{-}\frac{1}{5}$ mm. d.; asci 75-80 \approx 7-9; sporidia 12-14 \approx 4-6; in foliis *Yuccae filam.* in Am. bor. *L. filamentosa*

Perithecia 160 μ . diam.; asci 50-54 \approx 12; sporidia 16-20 \approx 6-7; in foliis *Catabrosae algidae* in Groenlandia

**L. algida*

aaa In Dicotyledoneis parasiticae.

† Sporidia disticha.

o cauli-ramicolae.

Perithecia gregaria, $1/6^{1/8}$ mm. d.; asci 45-50 \approx 6-8; sporidia 13-15 \approx 3-4; in sarmenitibus *Rubi* in Am. bor.

L. Hendersonia

Perithecia sparsa, $1/6$ mm. d.; asci 70-75 \approx 8-9; sporidia 14 \approx 4; in *Parietaria* in Gallia

L. muralis

Perithecia sparsa $1/5$ mm. d.; asci 55-60 \approx 8-10; sporidia 17-19 \approx 4; in *Chenopodio* in Am. bor.

L. anthelmintica

Perithecia sparsa $1/7^{1/6}$ mm. d.; asci 45-55 \approx 9-12; sporidia 16-18 \approx 3 $1/2$; in ramis *Ribis* in Germania, Italia et Australia

L. anceps.

Perithecia sparsa, $1/9^{1/8}$ mm. d.; asci 50-60 \approx 10-12; sporidia 14-16 \approx 5; in caulibus *Chondrille juncea* in It. bor.

L. bella

Perithecia sparsa, $1/8^{1/9}$ mm. d.; asci 60-70 \approx 10-12; sporidia 16-17 \approx 5-6; in caulibus *herbaceis* in It. bor.

L. brachysperma

Perithecia $1/5^{1/2}$ mm. d.; asci 65-75 \approx 10-12; sporidia 14-16 \approx 5-6; in ramis *Buxi* in Belgio

L. melanomoides

Perithecia sparsa, $1/8$ mm. d.; asci 60-70 \approx 6-7; sporidia 20-22 \approx 3 $1/2$ -4; in caulibus et ramis *Humuli*, *Artemisiae*, *Lonicerae*, etc. in Germania, Italia et Britannia

L. dumetorum

Perithecia sparsa $1/7^{1/6}$ mm. d.; asci 65-75 \approx 7-9; sporidia 20-22 \approx 4-5; in *Bocconia* in Am. bor.

L. Bocconiae

Perithecia $1/6^{1/4}$ mm.; asci 90-100 \approx 8-9; sporidia 22-25 \approx 3-4; in ramulis *Genistae*, et caulibus *Capparidis Lythri*, *Onobrychidis*, *Thalictri* in Germania, Gallia et Italia

L. fusispora

Perithecia sparsa $1/7^{1/10}$ mm. d.; asci 55-60 \approx 7-10; sporidia 17-20 \approx 4-5; in caulibus culmisque plantarum plurim in Germania, Gallia et Italia. (Adsunt formae plures. Cfr. XLI-XLIV)

L. eustoma

Perithecia sparsa vel leniter gregaria 150-200 μ . d.; asci 100-110 \approx 10-12; sporidia 20-22 \approx 5-6; in ramis caulibusque plantarum plurium; in It. bor. Gallia et Germania

L. vagabunda

Perithecia gregaria, $1/8$ mm. d.; asci 85-100 \approx 9-12; sporidia 25-30 \approx 5-6; in *Phytolacca* in It. bor.

L. Phytolaccae

Perithecia sparsa $1/7^{1/1}$ mm. d.; asci 65-70 \approx 8; sporidia 22-25 \approx 3-4; in *Parietaria* in It. bor.

L. Parietariae

Perithecia sparsa $1/6^{1/5}$ mm. d.; asci 65-75 \approx 18-24; sporidia 21-23 \approx 5-6; in caulibus herbarum maiorum et culmis *Airae* in Austria, Gallia et Belgio

L. personata

Perithecia sparsa $1/4$ mm. d.; asci 70-80 \approx 8-10; sporidia 24-28 \approx 4-5; in *Digitale* in Gallia et Tyrolia.

L. Digitalis

Perithecia sparsa $1/6^{1/5}$ mm. d.; asci 65-75 \approx 8-10; sporidia 24-27 \approx 3-4 $1/2$; in *Clematide* et in ramulis *Mori* in Germania, Gallia et Italia

L. haematites

Perithecia sparsa, plicata, $1/8$ mm. d.; asci 85-95 \approx 11-13; sporidia 22-25 \approx 6-7; in *Aconito* in It. bor.

L. Aconiti

- Perithecia sparsa $\frac{1}{3}$ mm. d.; asci 75-85 \times 9-11; sporidia 14-16 \times 6-7;
in *Solano Dulc.* in Suecia *L. Solam*
- Perithecia subgregaria $\frac{1}{2}$ mm. d.; asci 70-80 \times 10-12; sporidia 16-
18 \times 6-7; in ramis *Salicis* in Gallia *L. Gillotiana*
- Perithecia sparsa $\frac{1}{6}-\frac{1}{5}$ mm. d.; asci 55-65 \times 8-11; sporidia 18-24 \times
4-5; in *Endiusa (Ervo)* in Germania *L. Endiasae*
- Perithecia gregaria $\frac{1}{4}-\frac{1}{3}$ mm. d.; asci 85-100 \times 10-12; sporidia 18-
21 \times 5-6; in *Caryophylaceae* in Gallia *L. Sarazziniana*
- Perithecia gregaria $\frac{1}{8}$ mm. d.; asci 100-110 \times 8-10; sporidia 15-18
 \times 4-6; in ramulis *Corni* in It. bor. (*Sporidiorum fabrica L. Col-*
lumiae affinis) *L. platycarpa*
- Perithecia $\frac{1}{2}$ mm. d.; asci 100-110 \times 8-12; sporidia 22-25 \times 6-7; in
Epilobio in Belgio *L. Bommeriana*
- Perithecia gregaria $\frac{1}{3}$ et amplius mm. d.; asci 110-120 \times 10-11;
sporidia 24-26 \times 6; in *Cirsio* in It. bor. *L. corynospora*
- Perithecia sparsa $\frac{1}{3}$ et fere $\frac{1}{2}$ mm. d.; asci 95-105 \times 12-15; spori-
dia 20-23 \times 6-7 $\frac{1}{2}$; in caulibus *Galiorum*, *Senecionum* et *Veronicae*,
in Italia, Britannia et Germania *L. Galiorum*
- Perithecia gregaria $\frac{1}{3}$ mm. d.; asci 70-80 \times 8-10; sporidia 20-22 \times
3-4; in *Artemisia* in Hungaria *L. purpurea*
- Perithecia sparsa; asci clavato-elongati; sporidia 40 \times 5; in *Rudbeckia*
in Bohemia **L. Rudbeckiae*
- Perithecia gregaria; asci 200 \times 50; sporidia 16-18 \times 6; in *Crepide* in
Sibiria **L. sibirica*
- Perithecia minuta, gregaria maculis viridibus insidentia; asci cylind-
racei; sporidia (disticha?) 25 μ . longa; in *Meliloto* in Am. bor. **L. viridella*
- Perithecia in macula insidentia; asci 40-50 \times 7; sporidia 13-16 \times 3;
in *Viburno* in Am. bor. **L. Tini*
- Perithecia 130-150 μ . d.; asci 50 \times 10-12; sporidia 12-15 \times 4-5; in
Salicornia in Am. austr. **L. Promontorii*
- Perithecia gregaria, 150-200 μ . d.; asci 44-57 \times 9-11; sporidia 20-
22 \times 3 $\frac{1}{2}$ -4 $\frac{1}{2}$; in *Ribe* in Suecia **L. cladophila*
- Perithecia dense gregaria; asci 85 \times 8; sporidia 9-15 \times 5-6; in *Corylo*
in Gallia **L. Avellanae*
- Perithecia dense gregaria; asci 62-66 \times 10-12; sporidia 14-16 \times 5; in
Vite in It. bor. **L. pampini*
- Perithecia subgregaria, asci 100 μ . longi; sporidia 25 \times 5; in *Genista*
in Algeria **L. Phiala*
- Perithecia dense connata (ut in *Cucurbitaria*) $\frac{1}{2}-\frac{3}{4}$ mm. d.; asci
60 \times 10 (p. spor.) sporidia 15-18 \times 5-6; in *Dorcynio* in Gallia **L. cucurbitarioides*
- Perithecia sparsa; asci clavati; sporidia utrinque hyalino-cuspidata,
25 \times 8 (sine app.); in *Baccharide* in California **L. bicuspidata*
- Perithecia gregaria; asci 50-52 \times 12-14; sporidia fusoidea-oblongata;
in *Oxyria* in Groenlandia **L. Oxyriæ*
- Perithecia sparsa circ. 300 μ . d.; asci 60-70 \times 10-12; sporidia 16-
18 \times 6-6,5; in *Camporosma* in Serbia **L. Serbica*

- Perithecia sparsa; asci clavati; sporidia fusoidae, acuta; in *Stellaria*
in Gallia. (Mihi dubia) **L. Stellariae*
- Perithecia sparsa $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 75-80 \times 10-12; sporidia 22-
30 \times 4; in *Brunelia* in Am. bor. **L. Brunellae*
- Perithecia sparsa; asci clavati; sporidia fusoidae-oblonga; in ramulis
vivis *Berberidis* in Gallia (Mihi dubia) **L. Berberidis*
- oo foliicolae.
- Perithecia sparsa; asci 60 \times 24; sporidia 24 \times 8; in *Andromeda* in
Groenlandia et Spitzbergen *L. hyperborea*
- Perithecia sparsa $\frac{1}{4}$ mm. d.; asci 65-75 \times 8-10; sporidia 14-17 \times 5-6;
in *Collumia* in Afr. austr. *L. Collumiae*
- Perithecia $\frac{1}{8}$ - $\frac{1}{7}$ mm. d.; asci 60-65 \times 8-10 sporidia 18-22 \times 4-5; in
acubus Pini in Germania *L. acicola*
- Perithecia sparsa amphigena, $\frac{1}{6}$ - $\frac{1}{7}$ mm. d.; asci 100-110 \times 12-15;
sporidia 22-25 \times 6-8; in *Erica* in Tyrolia *L. subiecta*
- Perithecia sparsa 100-120 μ . d.; asci 55-60 \times 14; sporidia 18 \times 5; in
Silene in alpibus Sabaudicis **L. Sabauda*
- Perithecia disseminata, 120 μ . d.; asci 30-40 \times 15-20; sporidia 22-
26 \times 5-6; in *Campanula* in Carniola **L. Plemeliana*
- Perithecia amphigena, 120-140 μ . d.; asci 105 \times 15; sporidia submo-
nosticha, 28 \times 5; in *Erica* in Tyrolia **L. subiecta*
- Perithecia semiimmersa, epiphylla; asci clavati; sporidia 20 \times 3,5-4
in *Quercu* in California **L. dryophila*
- Perithecia sparsa; asci clavati; sporidia 12-14 \times 3-5; in *Coffea* in Cuba **L. coffeigena*
- Perithecia sparsa; asci 30-50 \times 10; sporidia fusiformia (denique 3-
4-septata?); in *Silene* in Algeria (dubia) **L. indeprena*
- Perithecia minuta, in macula sordide alba; latiuscule pertusa; asci
35-40 \times 7-8; sporidia 15-19 \times 3; in *Physalide* in Am. bor. **L. Physalidis*
- Perithecia sparsa; asci subclavati, plerumque 4-spori; sporidia 25-
27 \times 5-6; in *Camellia* in Australia **L. Camelliae*
- Perithecia ut in *L. Silenes-acaulis*, cui dicitur affinis; asci 45 \times 10;
sporidia 20 \times 6; in *Stellaria* in Groenlandia **L. Rostrupii*
- Perithecia seriata, sparsa; asci 64-66 \times 11-13; sporidia 15-17 \times 6-8;
in *Dryade* in Carniola super. **L. Rehmiana*
- †† Sporidia monosticha.
- o Perithecia levia.
- Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{7}$ mm. d.; asci 60-70 \times 16-18; sporidia 18-20
 \times 4-5; in foliis *Chamaeropis* in Sicilia *L. Magnusiana*
- Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 85-95 \times 6-8; sporidia 13-15 \times
 $\frac{4}{3}$; in sarmentis *Rubi* in Germania, Gallia, Lusitania, Italia *L. Coniothyrium*
- Perithecia dense gregaria, $\frac{1}{3}$ mm. d.; duriuscula; asci 80-90 \times 8-10;
sporidia 18-21 \times 5-6; in sarmentis *Rubi* in Gallia. Inter *Melanom-*
ma et *Leptosphaeria* media *L. Thomasiana*
- Perithecia subgregaria coriacea, crassa, $\frac{1}{2}$ mm. d.; asci 125-135 \times
11-13; sporidia 22-25 \times 6-7 $\frac{1}{2}$; in caulibus variis in Germania, Bri-
tannia et Fennia *L. clivensis*

- Perithecia sparsa $\frac{1}{8}$ et amplius mm. d.; asci 90-100 \approx 8-10; sporidia 2-22 \approx 5-6; in caulibus *Dianthi*; in It. bor. (Aff. *L. clivensi*) *L. leptospora*
- Perithecia sparsa, $\frac{1}{8}$ mm. d.; asci 100-115 \approx 8-10; sporidia 16-18 \approx 5-6; in *Heliantho* in Am. bor. *L. consessa*
- Perithecia sparsa $\frac{1}{8}$ mm. d.; asci 80 \approx 8; sporidia 15-18 \approx 5 $\frac{1}{2}$ -6 $\frac{1}{2}$ in caulibus *Galii* in It. bor. *L. gallicola*
- Perithecia sparsa $\frac{1}{4}$ mm. d.; asci 80-100 \approx 10-12; sporidia 16-18 \approx 5-6 $\frac{1}{2}$; in ramis *Fici* in It. bor. *L. Caricae*
- Perithecia sparsa $\frac{1}{4}$ mm. d.; asci 95-105 \approx 8-10; sporidia 15-17 \approx 7-8 pallida; in *Rubo* in Italia Britannia et Lusitania *L. fuscella*
- Perithecia gregaria $\frac{1}{8}$ mm. d.; asci 100-120 \approx 15; sporidia 16-22 \approx 8-10; in *Oenothera* in Argentina **L. argentina*
- Perithecia dense gregaria; asci 110 \approx 12; sporidia 14-19 \approx 4 $\frac{1}{2}$ -5, mono-vel disticha; in *Spartio junceo* in Lusitania **L. lusitanica*
- Perithecia gregaria; asci 60 \approx 9; sporidia 14 \approx 5-6; in *Medicagine* in Germania **L. Medicaginis*
- Perithecia sparsa, 160 \approx 200 μ . d.; asci 45-100 \approx 12-25; sporidia 22 \approx 5; in *Vite* in Britannia **L. Cookei*
- Perithecia sparsa, rarissime gregaria; asci 72-100 \approx 10-12; sporidia 12-15 \approx 4-5; in *Vite* in Sicilia **L. Gibelliana*
- Perithecia gregaria; asci cylindracei; sporidia 26 \approx 8; in *Vite* in Austria **L. vitigena*
- Perithecia subcaespitosa, 350-450 μ . d.; asci 100-120 \approx 7-9; sporidia 16-20 \approx 6-7; in *Kalmia* in Am. bor. **L. Kalmiae*
- Perithecia sparsa $\frac{1}{4}$ mm. d.; asci 70-100 \approx 10-16; sporidia 18-24 \approx 8-9; in *Salsola Kali* in Gallia **L. Lecanora*
- Perithecia globoso-conoidea; asci cylindracei vel subclavati; sporidia vivide fuliginea; in *Platano* in Am. bor. (Mihi dubia) **L. platanicola*
- Perithecia sparsa vel gregaria, $\frac{1}{8}$ - $\frac{1}{2}$ mm. d.; asci 100-110 \approx 10-12; sporidia 18-22 \approx 7-9 in trunco *Anamirtae* in Am. bor. **L. Harknessiana*
- Perithecia sparsa; asci 106-110 \approx 9-10; sporidia 20-23 \approx 6-7; in *Adathoda* (an potius *Acantho?*) in Sina **L. Acanthu*
- Perithecia sparsa, 150 μ d.; asci 80-90 \approx 8-9; sporidia 15-18 \approx 5; in ramis *Ribis* in Fennia **L. Riö:s*
- Perithecia sparsa vel approximata, basi hyphis dematiaceis cincta; asci 75 \approx 10; sporidia 12,5 \approx 5; in *Lycio* in Gallia **L. Lycii*
- oo Perithecia transverse plicata.
- Perithecia sparsa vel subgregaria; $\frac{1}{4}$ mm. d.; asci 70-80 \approx 8-9; sporidia 16-18 \approx 4-5; in *Angelica*, *Urtica* etc. et in ramulis *Pteridis* in Italia, Fennia, Germania, Britannia *L. conoilea*
- Perithecia sparsa vel subgregaria $\frac{1}{8}$ mm. d.; asci 100-110 \approx 8-10; sporidia 20-23 \approx 4-5 in caulibus variis in fere tota Europa *L. Doliolum*
- Perithecia sparsa, $\frac{1}{8}$ et usque $\frac{1}{2}$ mm. d.; asci 85-95 \approx 7-9; sporidia 24-28 \approx 3 $\frac{1}{2}$ -4; in ramulis *Melampirorum* in Germania, Austria et Italia *L. suffulta*
- Perithecia sparsa vel gregaria, vix sulcata, $\frac{1}{8}$ mm. d.; asci 90-100 \approx 10-12; sporidia 22-25 \approx 5-6; in anthodio *Carlinae* in It. bor. *L. antophila*

aaaa In fimo.

Perithecia sparsa; asci 90-100 \times 10-12; sporidia 18-22 \times 4-5; in fimo
in Germania

L. fimiseda

§§ Species majores (sporidia 30-40 μ . longa).

† Sporidia oblonga.

a In Acotyledoneis parasiticae.

Perithecia parva; asci cylindraceo-clavati; sporidia 28-32 \times 9-10; in
Rhizocarpo in Groenlandia

**L. polaris*

aa In Monocotyledoneis parasiticae.

Perithecia sparsa ${}^1\!/_{14}$ mm. d.; asci 115-125 \times 20-24; sporidia 30-32 \times
9-11; in foliis *Dupontiae* in Spetzbergia

L. vagans

Perithecia sparsa ${}^1\!/_{15}\!-\!{}^1\!/_{14}$ mm. d.; asci 90-110 \times 22-26; sporidia 31-33
 \times 9,11; in *Juncus* in Spetzberzia

L. junciseda

Perithecia sparsa vel subgregaria ${}^1\!/_{13}$ mm. d.; asci 110-120 \times 20-25
sporidia 35-38 \times 11-13; in rhizomatibus *Iridum* in Italia, Austria
et Gallia

L. heterospora

Perithecia seriata, maiuscula; asci 100-150 \times 15-20; sporidia 37-40
 \times 7-8; in *Andropogone Ischaemo* in It. bor

**L. Ischaemi*

Perithecia 350-400 μ . d.; asci 120 μ . longi; sporidia 40-60 \times 9; in
vaginis *Oryzae* in It. bor.

**L. Salvinii*

Perithecia sparsa; asci clavati; sporidia 30 \times 10; in foliis *Caricis* in
Britannia

**L. epicarecta*

aaa In Dicotyledoneis parasiticae.

Perithecia sphaeroideo-depressa; asci 95-105 \times 30-34; sporidia 30-
35 \times 8-10; in *Ranunculo* in Groenlandia

**L. Ranunculi*

Perithecia gregaria ${}^1\!/_{15}\!-\!{}^1\!/_{13}$ mm. d.; asci 130-140 \times 20-24; sporidia 35-
40 \times 12-14; in *Clematide* in Helvetia

L. agminalis

Perithecia gregaria ${}^1\!/_{13}$ mm. d.; asci 85-95 \times 12-14; sporidia 27-30 \times
7-8; in *Euphorbia* in Austria et Italia

L. Euphorbiae

Perithecia punctiformia, maculis nigricantibus incidentia; asci 60 \times
20; sporidia 30-35 \times 10-12; in foliis *Stellariae uliginosae* in Britannia **L. uliginosa*

Perithecia amphigena, 120-150 μ . d.; asci 60-90 \times 30; sporidia 30-
35 \times 8-12; in *Plantagine* in Am. austr. (foliicola)

**L. austro-americana*

Perithecia sparsa 130 μ . d.; asci 136 \times 27; sporidia 34 \times 14; in *An-*
dromeda in Labrador et Spitzbergia

**L. Andromedae*

†† Sporidia cylindracea vel cylindraceo-fusoidea.

a In Dicotyledoneis parasiticae.

Perithecia sparsa vel subgregaria, ${}^1\!/_{18}$ mm. d.; asci 45-55 \times 14-16;
sporidia 30-32 \times 4 ${}^1\!/_{12}$ -6; in foliis *Silenes* in Tyrolia et Spitzbergia

L. Silenes-acaulis

Perithecia sparsa ${}^1\!/_{16}\!-\!{}^1\!/_{15}$ mm. d.; asci 60-70 \times 7-8; sporidia 27-30 \times 3-4;
in caulibus *Galdi* in Germania et Britannia

L. Aparines

Perithecia gregaria ${}^1\!/_{17}\!-\!{}^1\!/_{16}$ mm. d.; asci 50-65 \times 6-8; sporidia 25-30 \times
 ${}^2\!/_{12}\!-\!{}^3\!/_{10}$ in caulibus *Umbelliferarum* et in ramis *Sambuci* in It.
bor. et Hungaria

L. rubicunda

Perithecia sparsa ${}^1\!/_{10}\!-\!{}^1\!/_{17}$ mm. d.; asci 60-70 \times 14-16; sporidia 25-37 \times
5-7; in *Ranunculo* in Nowaja Semlja

L. Weberi

- Perithecia subsparsa $1\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 80-100 \times 10-12; sporidia 28-30 \times 4-5; in *Medicagine* in Gallia *L. pratensis*
- Perithecia sparsa $1\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 110-120 \times 10-12; sporidia 32-35 \times 5-6; in *Oenothera* in Am. bor. *L. Ellisiana*
- Perithecia subgregaria $1\frac{1}{4}$ mm. d.; asci 105-115 \times 12-16; sporidia 38-42 \times 5-7; in *Reseda* in It. bor. *L. Resedae*
- Perithecia conferta sed aliquando sparsa, $1\frac{1}{3}$ mm. d.; asci 110-120 \times 12-16; sporidia 50-55 \times 5-7; in *Farsetia*, *Alyso*, *Eryngio* *Syambrio* in Gallia et Germania *L. maculans*
- Perithecia sparsa; asci 86 \times 18; sporidia 30 \times 4-5; in *Endiusa* in Germania *L. Endiusae*
- Perithecia confertiuscula, 150-180 μ . asci ...; sporidia 25-30 \times 6-8; in fosiis *Xanthoxylaceae* et in *Anacardiaceae* in Am. Austr. **L. brasiliensis*
- Perithecia hypophylla, in tomento nidulantia; asci clavati; sporidia 50-55 \times 8; in foliis *Helichrysi* in Africa **L. Helychrisi*
- aa* In Monocotyledoneis parasitae.
- Perithecia sparsa $1\frac{1}{5}$ - $\frac{1}{7}$ mm. d.; asci 65-70 \times 12-14; sporidia 33-35 \times 3 $\frac{1}{2}$ -4 $\frac{1}{2}$; in culmis *Junci* in It. bor. *L. juncicola*
- Perithecia sparsa $1\frac{1}{4}$ mm. d.; asci 75-85 \times 10-13; sporidia 30-33 \times 5-6 (rarissime 5-septata) in culmis *Erianthi* et *Zea* in Am. bor. *L. Orthogramma*
- Perithecia seriata, crustâ stromaticâ tecta; asci 80-90 \times 10-12; sporidia 33-36 \times 5-6; in *Phragmite* in fere tota Europa, Am. bor., Borneo et Kamtschatka *L. arundinacea*
- Perithecia sparsa $1\frac{1}{6}$ mm. d.; asci 55-60 \times 18-20; sporidia 35-38 \times 5 $\frac{1}{2}$ -6; in *Briza* in It. bor. *L. Brizae*
- Perithecia sparsa $1\frac{1}{7}$ - $\frac{1}{5}$ mm. d.; asci 70-90 \times 16-20; sporidia 35-38 \times 6-7; in *Carice* in Spetzbergia *L. caricinella*
- Perithecia subsparsa $1\frac{1}{7}$ - $\frac{1}{5}$ mm. d.; asci 140-150 \times 25-28; sporidia 55-60 \times 10-12, diu hyalina; in *Carice* in Moravia *L. gigaspora*
- Perithecia gregaria, 0,2 mm. d.; asci 120-130 \times 18 sporidia 33 \times 6; in *Rusco* in Gallia **L. ruscicola*
- C* Sporidia quadriseptata.
- †* In Monocotyledoneis parasitae.
- Perithecia gregaria $1\frac{1}{6}$ mm. d.; asci 70-80 \times 8-10; sporidia 16-19 \times 3 $\frac{1}{2}$ -4 $\frac{1}{2}$; in *Festucis* in It. bor. *L. eustomella*
- Perithecia minuta; asci 50-60 \times 10; sporidia 30 \times 5; in *Cypero* in Italia bor. **L. cyperina*
- ††* In Dicotyledoneis parasitae.
- Perithecia sparsa $1\frac{1}{10}$ - $\frac{1}{9}$ mm. d.; asci 45-50 \times 12-14; sporidia 20-22 \times 4-6; in *Acere* et *Citro* in It. bor. *L. Diana*
- Peritecia laxa gregaria $1\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 65-75 \times 8-10; sporidia 20-25-4; in *Gentiana* in Gallia *L. sapeyensis*
- Perithecia sparsa $1\frac{1}{7}$ mm. d.; asci 80-90 \times 8-9; sporidia 26-28 \times 4; in *Lathyro* in Moravia Germania et Italia *L. Niessleana*
- Perithecia sparsa vel gregaria $1\frac{1}{4}$; asci 85-95 \times 10-12; sporidia 29-32 \times 4-5; in *Laserpitio* et *Tosfieldia* in Gallia et Austria *L. oreophila*

Perithecia sparsa $\frac{1}{8}-\frac{1}{4}$ apice penicillato; asci 75-85 \times 10-12; sporidia 28-31 \approx 4-5; in <i>Clematide</i> , <i>Laserpitio</i> , <i>Peucedano</i> , <i>Libanotide</i> , <i>Vale-riana</i> in Germania, Italia, Sibiria et Fennia	<i>L. spectabilis</i>
Perithecia gregaria, 70-80 μ . d.; asci 40-50 \times 18-22; sporidia 18-22 \approx 6-7; in <i>Potentilla</i> in It. bor.	<i>L. pulchra</i>
Perithecia $\frac{1}{8}-\frac{1}{6}$ mm. d. asci 65-75 \times 12-16; sporidia 30-34 \approx 5-7; in <i>Gentiana</i> , <i>Spiraea</i> , <i>Lysimachia</i> , <i>Cynancho</i> in Germania et Italia	<i>L. umbrosa</i>
Perithecia sparsa, $\frac{1}{8}-\frac{1}{6}$ mm. d.; asci 80-90 \times 15-18; sporidia 30-35 \approx 6-7; in <i>Stellaria</i> in Belgio	<i>L. salebricola</i>
Perithecia gregaria, $\frac{1}{4}-\frac{1}{3}$ mm. d.; asci 80-90 \times 15-18; sporidia 40-46 \approx 5-7; in <i>Epilobio</i> in Moravia	<i>L. cylindrospora</i>
Perithecia subgregaria, minuta; asci 150-180 \times 80-100; sporidia 70-75 \approx 20-22; in <i>Chondrilla</i> in Germania	<i>L. mirabilis</i>
Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 130-140 \times 14; sporidia 40 \approx 6, raro 5-septata; in <i>Foeniculo</i> in Gallia	* <i>L. foeniculacea</i>
Perithecia sparsa, $\frac{1}{4}-\frac{1}{3}$ mm. d.; asci 60-80 \times 8-9; sporidia 23-32 \approx 4-5; in <i>Thalictrum</i> , <i>Valeriana</i> , <i>Lactuca</i> , <i>Rumice</i> in Norvegia	* <i>L. quadriseptata</i>
Perithecia $\frac{1}{4}-\frac{1}{2}$ mm. d.; asci 70-90 \times 10-12; sporidia 3-4-septata (an demum quinquesepata?) 40-45 \approx 6; in <i>Primula sikkimensis</i> in Sina	* <i>L. Delawayi</i>
Perithecia gregaria, pilis, longis, ramosis obsessa, 200-300 μ . d.; asci 72-85 \approx 8-12; sporidia 27-32 \approx 5-7; in <i>Aconito</i> in Suecia	* <i>L. lasiosphaerioides</i>
D Sporidia quinquesepata.	
§ Species minores (h. e. sporidia usque 28 vel 30 μ . longa).	
† In Acotyledoneis parasitae.	
Perithecia sparsa, $\frac{1}{8}-\frac{1}{2}$ mm. d.; asci 70-80 \times 20-24; sporidia 20-23 \approx 6-7; in <i>Cora</i> in Gallia	<i>L. Corae</i>
Perithecia conferta, $\frac{1}{8}$ mm. d.; asci 90-100 \times 12-14; sporidia 26-34 \approx 8-11; in thallo <i>Stereocaulonis</i> in Germania	<i>L. apocalyppta</i>
Perithecia sparsa, 100-140 μ . d.; asci 60-70 \times 8-10; sporidia 20-24 \approx 3 $\frac{1}{2}$ -4; in <i>Lycopodio</i> in It. bor.	* <i>L. Campi-Silii</i>
Perithecia parallele disposita 100-150 μ . d.; asci 90-120 \times 7-11; sporidia 30-35 \approx 5-6 $\frac{1}{2}$; in <i>Equiseto arvense</i> in It. bor.	* <i>L. arvensis</i>
Perithecia sparsa, 100 μ . d.; asci 30-44 \approx 9-10,5; sporidia 12-16 \approx 3,5; in hymenio <i>Sterei</i> in Africa occ.	* <i>L. fungicola</i>
†† In Monocotyledoneis parasitae.	
Perithecia subgregaria vel sparsa, $\frac{1}{7}-\frac{1}{8}$ mm. d.; asci 70-80 \times 8-10; sporidia 17-20 \approx 4-5; in Rusco in fere tota Europa	<i>L. Rusci</i>
Perithecia gregaria $\frac{1}{8}$ mm. d.; asci 90-100 \times 8-10; sporidia 18-22 \approx 5; in <i>Yucca</i> et <i>Fourcroya</i> in Am. bor. Austria et Lusitania	<i>L. obtusispora</i>
Perithecia sparsa $\frac{1}{4}-\frac{1}{8}$ mm. d.; asci 65-75 \times 10-12; sporidia 18-20 \approx 5; in <i>Luzula</i> in Germania	<i>L. epicalamia</i>
Perithecia sparsa vel vix 2-3-gregaria $\frac{1}{6}-\frac{1}{4}$ mm. d.; asci 75-90 \times 8-10; sporidia 22-25 \approx 3 $\frac{1}{2}$ -4 $\frac{1}{2}$; in <i>Calamagrostide</i> et <i>Phalaride</i> in Germania, Carniola et Helvetia	<i>L. Fuckelii</i>
Perithecia gregaria $\frac{1}{4}-\frac{1}{8}$ mm. d.; asci 60-70 \times 8-10; sporidia 24-27 \approx 4-5; in <i>Arundine</i> in It. bor.	<i>L. recessa</i>

- Perithecia sparsa $\frac{1}{6}$ - $\frac{1}{4}$ mm. d.; asci 70-80 \approx 9-12; sporidia 24-26 \approx 5-6; in *Junco* in Britannia *L. maritima*
- Perithecia sparsa vel aggregata, $\frac{1}{6}$ - $\frac{1}{4}$; asci 75-85 \approx 9-12; sporidia 24-27 \approx 5-6; in *Graminibus* in Italia, Germania Suecia, Gallia et Fennia (cum var. *Rousseliana* in *Phleo*) *L. culmicola*
- Perithecia sparsa vel laxe gregaria, $\frac{1}{6}$ - $\frac{1}{4}$; asci 70-80 \approx 10-12; sporidia 20-23 \approx 4-6 $\frac{1}{2}$; in *Typha* in Sicilia *L. licatensis*
- Perithecia sparsa $\frac{1}{6}$ - $\frac{1}{7}$ mm. d.; asci 70-80 \approx 10-12; sporidia 23-25 \approx 4-5; in *Nardo* in Suecia, Britannia, Belgio et Gallia *L. Nardi*
- Perithecia sparsa vel subgregaria, $\frac{1}{6}$ mm. d.; asci 60-80 \approx 16-20; sporidia 23-25 \approx 8-9; in *Asparago* in Fennia (Var. *typhiseda* in *Typha* in Algeria) *L. praeclera*
- Perithecia gregaria vel sparsa, apice setuligera, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 60-70 \approx 10-13; sporidia 22-24 \approx 4-6 (muco obvoluta) in *Asparago*, *Dauco*, *Solano* et *Baptisia* *L. comatella*
- Perithecia seriata $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 140-150 \approx 10-12; sporidia 20-23 \approx 7-8; in *Phragmite* in Belgio et Am. bor. *L. albopunctata*
- Perithecia sparsa vel gregaria, $\frac{1}{6}$ - $\frac{1}{4}$ mm. d.; asci 75-85 \approx 10-12; sporidia 24-26 \approx 4-5; in *Juncis* in It. bor. et Britannia *L. norfolkia*
- Perithecia sparsa, $\frac{1}{8}$ et fere $\frac{1}{2}$ mm. d.; asci 85-95 \approx 11-13; sporidia 23-30 \approx 4-6; in *Arundine* in It. bor. *L. rhodophaea*
- Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{2}$ mm. d.; asci 45-55 \approx 10-12; sporidia 25-30 \approx 4-5; in foliis *Caricis* in Lapponia Sueciae **L. Caricis*
- Perithecia epiphylla, semiimmersa, $\frac{1}{8}$ mm. d.; asci 50-70 \approx 10-12; sporidia fusiformia; in foliis *Caricis* in Hollandia **L. hemicrypta*
- Perithecia sparsa, nunc in maculis expallentibus aggregata; asci obtuso-cylindracei; sporidia 25 μ longa; in foliis *Iridum* in Britannia et Sibiria asiatica **L. Vectis*
- Perithecia in maculis fuscis seriata, 200-250 μ . d.; asci 90-100 \approx 20; sporidia 28-30 \approx 8-9; in foliis *Andropogonis* in Am. austr. **L. Puiggari*
- Perithecia sparsa, 180-250 μ . d.; asci 90-95 \approx 30; sporidia 30 \approx 9; in foliis *Hierochloes* in Nowaja Semlia **L. Hierochloes*
- ††† In Dicotyledoneis parasitae.
- a* cauli-ramicolae, iarius fructicolae.
- Perithecia sparsa vel vix gregaria, $\frac{1}{8}$ mm. d.; asci 75-85 \approx 7-9; sporidia 16-21 \approx 3 $\frac{1}{2}$; in caulis *herbaceis* in Am. bor. *L. tenera*
- Perithecia sparsa $\frac{1}{8}$ mm. d.; asci 80-90 \approx 8-10; sporidia 22-24 \approx 4-7; in *Chenopodio* in Fennia *L. nigricans*
- Perithecia sparsa $\frac{1}{8}$ - $\frac{1}{7}$ mm. d.; asci 55-65 \approx 8-10; sporidia 23-25 \approx 4; in *Medicagine* in It. bor. *L. Medicaginum*
- Perithecia sparsa $\frac{1}{6}$ mm. d.; asci 65-70 \approx 9-11; sporidia 27-30 \approx 6; in *Chenopodio* in Galilia *L. inulta*
- Perithecia sparsa $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 60-70 \approx 12; sporidia 28 \approx 4,5; in *Moro* in It. bor. *L. fallax*
- Perithecia sparsa $\frac{1}{6}$ - $\frac{1}{8}$ mm. d.; asci 50-60 \approx 8-10; sporidia 20-23 \approx 3 $\frac{1}{2}$ -4 $\frac{1}{2}$; in *Veronica* *L. carpogena*

- Perithecia sparsa, $\frac{1}{3}$ et usque fere $\frac{1}{2}$ mm. d.; asci 90-100 \approx 10-14; sporidia 22-25 \approx 5-6; (denuo etiam 7-septata) in *Opuntia* in Sicilia *L. Sicula*
- Perithecia gregaria vel sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d. parce setosula; asci 60-70 \approx 10-13; sporidia 22-24 \approx 4-6, muco obvoluta; in *Baptisia Dauco*, *Solano*, et *Asparago* in Am. bor. *L. comatela*
- Perithecia $\frac{1}{3}$ mm. d., subinde 2-4-connata; asci 100-120 \approx 12-16; sporidia 22-25 \approx 6-7,5; in *Spiraea* in Fennia *L. Spireae*
- Perithecia nunc sparsa nunc aggregata, 200-300 μ . d.; asci 70-90 \approx 16-20; sporidia 25-8 \approx 6-7; in *Salice* in Germania **L. Baggei*
- Perithecia laxe gregaria, $\frac{1}{6}$ mm. d.; asci 70-80 \approx 10; sporidia 27-30 \approx 5-6; in *Solano Dulcam.* in? **L. sarmenticia*
- Perithecia aggregata, superne rugosa vel setosa (an *Pocospshaeria?*) asci clavati, 2-6-spori; sporidia 42 \approx 6 utrinque appendiculigera; in *Vite* in Austria **L. appendiculata*
- Perithecia 200-250 μ . d.; subinde ostiolo lophiostomaceo; asci 80-100 \approx 7-8; sporidia 14-15 \approx 5, haud raro longitudinaliter divisa; in ramis *Erythrinae* et foliis *Tillandsiae* in Am. merid. **L. aerea*
- Perithecia gregaria, minuta, $\frac{1}{8}$ - $\frac{1}{6}$ mm. d.; asci 70-75 \approx 8-10; sporidia fusiformia; in pedunculis *Cassiae* in Am. bor. **L. cassiaecola*
- Perithecia sphaeroideo-depressa; asci 90-100 \approx 11-13; sporidia cymo-byformi-fusoidea, 20-25 \approx 6-7; in *Melandrio* in Groenlandia **L. Vahlii*
- Perithecia sparsa; asci 63-70 \approx 8-10; sporidia 16 \approx 5 (raro 3-4-septata); in pedunculis *Eranthemi* in Sina **L. Eranthemi*
- Perithecia sparsa; asci 65-75 \approx 7,5-8; sporidia 17-18 \approx 5; in cirris *Vitis* in It. bor. **L. cirricola*
- Perithecia sparsa, 500 μ . alta, 200 μ . lata; asci 80-90 \approx 12-15; sporidia 25-30 \approx 6-8; in ramis *Cisti* in Gallia **L. Cisti*
- Perithecia sparsa vel approximata, asci 60-80 \approx 12-14; sporidia 18-22 \approx 3-3,5; in *Lonicera Caprif.* in Gallia **L. Caprifoli*
- Perithecia sparsa, $\frac{1}{2}$ mm. d.; asci cylindracei; sporidia 15-25 \approx 7-8,5; in *Lonicera Periclymeni* in Neerlandia **L. Periclymeni*
- aa* foliolae.
- Perithecia sparsa, $\frac{1}{12}$ - $\frac{1}{10}$ mm. d.; asci 70-75 \approx 8-9; sporidia 20-22 \approx 4-5; in *Magnolia* et *Moro* in It. bor. (Adest. var. *Pomona* in *Piro* quoque in It. bor.) *L. Yulan*
- Perithecia sparsa vel laxe gregaria; asci 70-75 \approx 8-9; sporidia 20-22 \approx 3 $\frac{1}{2}$ -4 $\frac{1}{2}$; in *Citro* in It. bor. *L. citricola*
- Perithecia pauca, $\frac{1}{12}$ - $\frac{1}{10}$ mm. d.; asci 60-70 \approx 10-12; sporidia 28-30 \approx 4-5; in *Scrophularia* in It. bor. *L. Camilla*
- Perithecia subcuticularia; asci 75-100 \approx 15-18; sporidia 39-50 \approx 4-5; in *Mertensia* in Am. bor. *L. Mertensiae*
- Perithecia punctiformia; asci 80 μ . longi; sporidia 25 \approx 3; in *Achillea* in It. bor. **L. Passerini*
- Perithecia 200-250 μ . d. ostiolo subinde lophiostomaceo; asci 80-100 \approx 7-8; sporidia 14-15 \approx 5 haud raro longitudinaliter divisa; in *Tillandsia* et in ramulis *Erythrinae* in Am. mer. **L. aerea*

Perithecia sparsa vel gregaria, 100 μ . d.; asci 38-40 \approx 7-8; sporidia 24-30 \approx 2,5-3; in *Pyrola* in Tyrolia

**L. marginata*

Perithecia epiphylla; asci elavati; sporidia 22-24 \approx 6; in foliis *Eustrephorum* in Australia et Nova Caledonia

**L. australis*

Perithecia in maculis, subtus aeruginosis, supra sordide albis pauca, 75 μ . d.; asci 55-70 \approx 8-10; sporidia (saepe 4-septata) 20-25 \approx 3,5-4; in *Fraxino* in Am. bor.

**L. Fraxini*

§§ Species majores (h. e. sporidia 31 et amplius μ . longa).

† In Monocotyledoneis parasitacearum.

Perithecia sparsa, $1/_{10}$ mm. d.; asci 130-140 \approx 16-18; sporidia 30-32 \approx 7-8; in *Scirpo* Hol. Parma It. bor. et Lofer Salisburgi

L. striolata

Perithecia gregaria $1/_{\frac{1}{3}}$ mm. d.; asci 130-140 \approx 16-18; sporidia 38-41 \approx 7-8, loculis extimis pallidioribus; in *Graminibus majorib.* in Belgio

L. pachycarpa

Perithecia sparsa, $1/_{\frac{1}{3}}$ mm. d.; asci 105-115 \approx 14-16; sporidia 38-42 \approx 8-10, loculis extimis pallidioribus; in *Graminacea quadam* in Germania

L. Hanzslinskyana

Perithecia subsparsa, $1/_{\frac{1}{8}}-1/_{\frac{1}{6}}$ mm. d.; asci 150-160 \approx 25-30; sporidia 36-40 \approx 12-14; in foliis *Dupontiae*, *Airae* et *Alopecuri* in Spetzbergia

L. insignis

Perithecia subgregaria, $1/_{\frac{1}{4}}-1/_{\frac{1}{3}}$ mm. d.; asci 140-160 \approx 20-24; sporidia 38-44 \approx 10-12; in *Spartina* in Am. bor.

L. Spartinae

Perithecia sparsa; asci 100-125 \approx 15-20; sporidia 30-40 \approx 7-9; in *Spartina* in Am. bor.

**L. sticta*

†† In Dicotyledoneis parasitacearum.

a cauli-ramicolae.

Perithecia sparsa, $1/_{\frac{1}{3}}$ mm. d.; asci 80-90 \approx 12-14; sporidia 28-32 \approx 6-7; in *Artemisia* in Germania

L. Artemisiae

Perithecia sparsa $1/_{\frac{1}{6}}$ mm. d.; asci 100-110 \approx 10-12; sporidia 32-38 \approx 4-5; in *Phyteumate* in Helvetia et Tyrolia

L. Phyteumatis

Perithecia gregaria, $1/_{\frac{1}{6}}$ mm. d.; asci 90-105 \approx 8-10; sporidia 30-34 \approx 4-6; in caulibus *Adenostilis* in Austria

L. Nitschkei

Perithecia sparsa, $1/_{\frac{1}{4}}-1/_{\frac{1}{3}}$ mm. d.; asci 80-100 \approx 9-12; sporidia 36-40 \approx 4-5; in *Senecione*, *Picride*, *Erigeronte*, *Bidenti* etc. in Britannia, Germania, Helvetia et Italia

L. ogilviensis

Perithecia sparsa vel subgregaria, $1/_{\frac{1}{8}}-1/_{\frac{1}{2}}$ mm. d.; asci 110-120 \approx 10-14; sporidia 40-45 \approx 4-5; in *Cruciferis* in Germania, Italia, Britannia, Belgio, Hungaria

L. Sowerbyi

Perithecia sparsa, $1/_{\frac{1}{3}}$ mm. d.; asci 65-75 \approx 12-16; sporidia 32-35 \approx 4-5; in ramulis *Sanguisorbae* off. in Fennia

L. Sanguisorbae

Perithecia $1/_{\frac{1}{3}}$ mm. d.; asci 105-120 \approx 15-18; sporidia 46-50 \approx 7-9; in *Solidagine* in Germania

L. planiuscula

Perithecia sparsa, $1/_{\frac{1}{3}}$ mm. d.; asci 100-110 \approx 14-16; sporidia 45-50 \approx 6-7 in *Lepidio* in Am. bor.

L. virginica

Perithecia parce gregaria, conoideo-mastoidea, $1/_{\frac{1}{3}}$ mm. d.; asci 100-120 \approx 15; sporidia 50 \approx 6; in *Plantagine Cinopi* in Gallia

**L. Cynopis*

Perithecia rugulosa; asci 90-12; sporidia 35-5, episporio longitudinaliter striato; in *Veronica* in Saxonia

**L. striata*

Perithecia 4-8 in caespitulos congesta, vel in lineas elongatas disposita; asci clavati; sporidia 35-38-7; in *Geranio* in California

**L. subcaespitosa*

aa foliicolae.

Perithecia sparsa $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 110-120 \approx 25-30; sporidia 35-38 \approx 7-9; in *Succisa* in Helvetia

L. Morthieriana

Perithecia sparsa, 0,14 mm. d.; asci 90-120 \approx 25-34; sporidia 36-44 \approx 10-12; in *Ptantagine* in Rhaetia

**L. Winteri*

E Sporidia 6-7-septata.

§ Sporidia late fusoidea.

Perithecia sparsa $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 75-80 \approx 16-18; sporidia 6-septata 22 \approx 7; in culmis *Sporoboli* in Am. bor.

**L. Sporoboli*

Perithecia sparsa $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 150-160 \approx 25-30; sporidia 40-45 \approx 12-15; in *Ammophila* et *Scirpo* in It. bor. Britannia et Germania

L. litoralis

Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 150-160 \approx 18-20; sporidia 35-40 \approx 10-12; in *Zea* in It. bor.

L. luctuosa

§§ Sporidia fusoidea vel cylindracea.

† In Acotyledoneis parasiticae.

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{6}$ mm. d.; asci 100-110 \approx 12-12; sporidia 32-35 \approx 3-4; in *Lycopodio* in Am. bor.

L. lycopodicola

†† In Monocotyledoneis parasiticae.

Perithecia sparsa vel seriatim disposita $\frac{1}{7}$ - $\frac{1}{5}$ mm. d.; asci 55-65 \approx 8-10; sporidia 25-27 \approx 3-4; in *Aira* in Hungaria

L. lineolata

Perithecia gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 100-110 \approx 8-10; sporidia 25-28 \approx 3-4; in *Asparago* in Fennia, Italia, Lusitania (adest forma grisea in *Sorgho* in It. bor.)

L. asparagina

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 80-90 \approx 8-9; sporidia 23-27 \approx 5-6; in *Piptathero* in Lusitania

L. conimbricensis

Perithecia generis; asci cylindracei; sporidia 7-septata, loculis duabus intermediiis maioribus; in foliis *Brachypodii* in It. bor. (Mihi incerta)

**L. sylvatica*

Perithecia 100-400 μ . d.; asci 100-150 μ . longi; sporidia 30 \approx 4; in *Secale* in Austria

**L. Secalis*

Perithecia sparsa; asci clavato-cylindracei; sporidia fusiformia, 7-septata; in vaginis *Zeae* in Am. bor. (Mihi dubia)

**L. interspersa*

Perithecia sparsa, minuta; asci 62-70 \approx 9-10; sporidia 17-20 \approx 5; in foliis *Iridis* in It. bor. (aff. *L. Vecti*)

**L. Xiphii*

††† In Dicotyledoneis parasiticae.

a microsporae (h. e. sporidia usque 30 μ . longa).

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 85-95 \approx 8-10; sporidia 23-26 \approx 5-6; in *Crithmo* et *Inula crithmoide* in Gallia

L. rhopalispora

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{7}$ mm. d.; asci 40-50 \approx 10-12; sporidia 20-24 \approx 4-5; in *Sarracenia* in Am. bor.

L. scapophila

Perithecia sparsa, 300 μ . d.; asci 90-100 \approx 15; sporidia utrinque hya-

- lino-appendiculata, 21-24 \approx 5-6; in *Saxifragis* in Tyrolia (juxta glaciem aeternam) **L. monotis*
- aa* Macrosporae (h. e. sporidia 31 et amplius p. longa).
- Perithecia sparsa vel vix gregaria, $\frac{1}{4}$ mm. d.; asci 70-80 \approx 10-12; sporidia 29-32 \approx 3-4; in *Hyperico* in Germania *L. Hyperici*
- Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{5}$; asci 90-100 \approx 10-12; sporidia 34-38 \approx 4-5; in *Eupatoria*, *Betonica* etc. in Gallia, Italia, Britannia, Germania et Belgio. (Adest var. *ambigua* in *Eupatoria* in Germania et in Italia) *L. agnita*
- Perithecia sparsa vel vix gregaria, $\frac{1}{3}$ mm. d.; asci 80-90 \approx 12-14; 48-50 \approx 4-5; in *Erigeronte* in Am. bor. *L. Erigerontis*
- Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d. ostiolo penicillatim setoso; asci 70-80 \approx 10-12; sporidia 32-36 \approx 5-7; in caulibus variis in Italia, Gallia, Germania, Fennia, Lapponia, Belgio et Britannia *L. modesta*
- Perithecia subsparsa, $\frac{1}{4}$ mm. d.; asci 70-90 \approx 12-14; sporidia 35-42 \approx 4-5; in caulibus variis praecipue *Urtiae* in Belgio, Britannia, Germania, Gallia, Italia, Suecia et Virginia *L. acuta*
- Perithecia conferta, $\frac{1}{4}$ - $\frac{1}{3}$; asci 90-100 \approx 16-18; sporidia 32-35 \approx 4-5; in *Artemisia* in Germania *L. caespitosa*
- Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$; asci 70-75 \approx 12-16; sporidia 47-50 \approx 4-5 in *Satureja* in It. bor. *L. fallaciosa*
- Perithecia $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 110-112 \approx 16-18; sporidia 42-48 \approx 7-9; in *Artemisia* in It. bor. *L. helminthospora*
- Perithecia laxe gregaria, $\frac{1}{3}$ mm. d.; asci 90-100 \approx 10-12; sporidia 38-42 \approx 4; in *Achillea Millef.* in Helvetia *L. Millefolii*
- Perithecia sparsa; asci saccato-clavati; sporidia 50 \approx 8; in *Artemisia* in Africa austr. **L. cervispora*
- Perithecia sparsa, areola vinoso-violacea insidentia, $\frac{1}{3}$ mm. d.; asci; sporidia 40-45 \approx 10; in *Eryngio* in Am. austr. **L. vinosa*
- Perithecia sparsa vel approximata; asci 90-100 \approx 10; sporidia 26-34 \approx 6-7; in *Euphorbia* in Gallia **L. euphorbiola*
- Perithecia gregaria vel subseriata 200-250 p. d.; asci 75-80 \approx 10; sporidia 45 \approx 3; in (foliis?) in Am. austr. **L. antarctica*
- F* Sporidia 8-9-vel pluriseptata.
- § In Acotyledoneis parasitaceis.*
- Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 105-115 \approx 16-20; sporidia 40-44 \approx 6-7; in *Equisete* in Spetzbergia *L. Equiseti*
- §§ In Monocotyledoneis parasitaceis.*
- Perithecia seriata, $\frac{1}{4}$ mm. d.; asci 60-70 \approx 10-12; sporidia 26-29 \approx 3 $\frac{1}{2}$ -4; in *Sorgho* in It. bor. (adest forma seriata in *Zea* quoque in It. bor.) *L. amphibola*
- Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 90-100 \approx 8-10; sporidia 25-29 \approx 3-4; in *Andropogone*, *Secale* et *Koeleria* in Fennia et Italia *L. herpotrichioides*
- Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 80-90 \approx 10-13; sporidia 24-28 \approx 4-5; in *Dactylide*, *Cynodontide* et *Agrostide* in It. bor. *L. dactylina*
- Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 95-105 \approx 10-13; sporidia 35-38 \approx 5,6; in *Graminibus* in fere tota Europa et Am. bor. *L. culmiphraga*

Perithecia sparsa $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 85-95 \times 18-20; sporidia 40-50 \approx 8-10; in <i>Typha</i> in Fennia	<i>L. typhicola</i>
Perithecia gregaria, media magnitudine, undique pilis ramosis, laxis griseis obsita; asci 118 \times 14; sporidia 38 \approx 7; in <i>Phragmite</i> in Ger- mania et Britannia	* <i>L. Graminis</i>
Perithecia sparsa 128 μ . d.; asci 72 \approx 10; sporidia 30 \times 4; in <i>Agro-</i> <i>stide, Calamagrostide et Poa</i> in <i>Helvetia</i>	* <i>L. sparsa</i>
Perithecia seriata, media magnitudine; asci 120 \approx 8; sporidia 16 sep- tata, 40-50 \approx 3; in <i>Cynodonte, Tritico, Secale</i> etc. in Germania et Britannia	* <i>L. pontiformis</i>
Perithecia sparsa vel gregaria, 150 μ . d.; asci 72-116 \times 14-22; spo- ridia 38-50 \approx 6-8; in foliis <i>Laricis</i> in Spetzbergia	* <i>L. consobrina</i>
Perithecia plerumque seriata, in lineas $\frac{1}{4}$ - $\frac{1}{3}$ c.m. longa disposita; asci 75-100 \approx 22-25; sporidia 25-40 \times 8-10; in culmis <i>Phragmitis</i> in Am. bor.	* <i>L. clavicarpa</i>

§§§ In Dicotyledoneis parasitae.

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 90-100 \times 8-10; sporidia 24-30 \approx 3-4; in <i>Robinia</i> in It. bor.	<i>L. petiolicola</i>
Perithecia subgregaria $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 75-85 \times 10-12; sporidia 40-50 \approx 4-5; in <i>Senecione</i> in Britannia et Germania	<i>L. derasa</i>
Perithecia sparsa $\frac{1}{7}$ - $\frac{1}{6}$, asci 60-70 \times 10-14; sporidia 30-34 \approx 3-4; in aculeis <i>Rosae</i> in It. bor.	<i>L. aculeorum</i>
Perithecia sparsa $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 130-140 \times 12-15; sporidia 45- 55 \approx 4-6; in <i>Stapyle</i> in Am. bor.	<i>L. rubro-tincta</i>
Perithecia $\frac{1}{7}$ - $\frac{1}{6}$ mm. d.; asci 95-105 \approx 16-18; sporidia 80-85 \approx 4; in <i>Achillea Ptarmica</i> in Fennia	<i>L. Ptarmicæ</i>
Perithecia sparsa $\frac{1}{2}$ mm. d.; asci 100-110 \times 16-18; sporidia 35-40 \approx 6-8; in <i>Clementide Vitalba</i> in It. bor. et Germania (Adest var. <i>clavigera</i> in <i>Phytolacca</i> in Am. bor.)	<i>L. Vitalbae</i>
Perithecia gregaria $\frac{1}{5}$ - $\frac{1}{2}$ mm. d.; asci 100-110 \times 14-16; sporidia 35-40 \approx 6-8; in <i>Aconito</i> in Tyrolia	<i>L. anthostomoides</i>
Perithecia sparsa $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 110-120 \times 10-12; sporidia 48- 50 \approx 5; in <i>Lathyro</i> in Saxonia	<i>L. multiseptata</i>
Perithecia sparsa $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 100-110 \times 8-12; sporidia 35-38 3 $\frac{1}{2}$; in <i>Artemisia</i> in Moravia	<i>L. Kalmusii</i>
Perithecia sparsa vel gregaria, $\frac{1}{4}$ - $\frac{1}{2}$ mm. d.; asci 80-90 \times 12-14; sporidia 42-45 \approx 3-4; in <i>Senecione, Tanaceto, Achillea, et Anthemide</i> in Germania, Fennia, Gallia et Lusitania	<i>L. dolioloides</i>
Perithecia gregaria $\frac{1}{3}$ mm. d.; asci 140-150 \times 10-12; sporidia 48-53 \approx 4-5; in <i>Brassica Napo</i> in Germania	<i>L. Napi</i>
Perithecia $\frac{1}{3}$ - $\frac{1}{2}$ mm. d., subgregaria, asci 155-165 \times 10-12; sporidia 48-52 \approx 4-5; in <i>Urtica</i> in Germania	<i>L. acutiuscula</i>
Perithecia subgregaria, parce setosa, $\frac{1}{3}$ mm. d.; asci 90-120 \times 12-14; sporidia 45-47 \approx 6-7; in <i>Salvia</i> in It. bor.	<i>L. Salviae</i>
Perithecia $\frac{1}{3}$ mm. d. sparsa; asci 110-125 \times 16-29; sporidia 65-75 \approx 5-7; in <i>Sambuco Ebnlo</i> in It. bor. et Moravia	<i>L. megalospora</i>

- Perithecia gregaria, setis nigris cincta (an *Pocospshaeria?*) asci clavati; sporidia 35-40 μ . longa; in caule *herbaceo* in Britannia et Germania **L. pellita*
- Perithecia minuta, $1/7$ - $1/6$ mm. d.; asci 90-100 \vee 10-12; sporidia 35-40 \vee 45; in *Epilobio Dodonaeo* in It. bor. **L. Cadubriae*
- Perithecia $1/3$ mm. d.; asci ; sporidia 70-90 \vee 3,5-4; in caule *Drabae* in Lapponia rossica **L. Drabae*
- Perithecia sparsa, maculâ griseâ insidentia $1/3$ mm. d.; asci 80-85 \vee 13-14; sporidia 30-32 \vee 4; in foliis *Populi* in It. bor. **L. Alcides*
- Perithecia sparsa, vel approximata, majuscula; asci ; sporidia cylindracea, 50-60 \vee 4; in *Lathyro* in Gallia **L. Lathyri*
- Perithecia sparsa; asci 110 \vee 15; sporidia 50 \vee 6-7; in *Plumbagine* in Sina **L. Plumbaginis*

Clavis analytica specierum generis « Ceriospora »

A Sporidia concoloria.

- Perithecia $1/3$ mm. d.; asci 150 \vee 12; sporidia 40-42 \vee 7-9; in sarmenis *Clematidis* in It. boreal. et austr. *C. xantha*
- Perithecia $1/3$ mm. d.; gregaria; asci 100-110 \vee 17-19; sporidia 35-40 8-10, subhyalina, uniseptata; in sarmenis *Humuli* in Germania, Gallia et Italia *C. Dubyi*
- Perithecia laxe gregaria vel subsparsa 140-160 μ . diam.; asci 55-60 \vee 12; sporidia 38-45 \vee 3-4 chlorina; in foliis *Cacti* in Argentina **C. bonaerensis*
- Perithecia gregaria; asci ; sporidia fusoidea, 1-septata in *Clematide* in Helvetia (species mihi dubia) **C. fusispora*

B Sporidia loculis extimis hyalinis.

- Perithecia gregaria $1/2$ - $2/3$ mm. d.; asci 95-115 \vee 10-14; sporidia 18-22 \vee 7-10 (sine appendic.) in sarmenis *Clematidis* in Am. bor. *C. montaniensis*

Clavis analytica specierum generis « Rebentischia »

A Sporidia loculo infero tantum hyalino.

- Perithecia $1/5$ - $1/4$ mm. d.; asci 80-100 \vee 16-17; sporidia 21-23 \vee 6-7 (sine cauda); in sarmenis *Clematidis* in Germania, Britannia, et Austria *R. unicaudata*

B Sporidia loculis extimis hyalinis..

- Perithecia gregaria vel sparsa, $1/4$ - $1/3$ mm. d.; asci 80-110 \vee 18-20; sporidia 32-35 \vee 8-10 (cum cauda); in truncis *Amygdali* et *Aceris* in Italia et Fennia *R. Massalongi*

Clavis analytica specierum generis « Heptameria »

- Perithecia gregaria, $1/4$ - $1/3$ mm. d.; asci 110-120 \vee 12-16; sporidia 42-45 \vee 5-7; in caulibus *Artemisiae* in Germania *H. uncinata*

Perithecia gregaria $\frac{1}{8}$ - $\frac{1}{2}$ mm. d.; asci 140-150 \approx 12-16; sporidia 58-62 \approx 9-12; in caulibus *Eupatorii*, *Anthirrhini*, *Scabiosae* etc. et in ramlulis emortuis *Helichrysi* etc. in Algeria, Lusitania, Gallia, Italia et Am. bor.

H. obesa

Clavis analytica specierum generis « Chaetomastia »

A Sporidia triseptata.

† asci octospori.

Perithecia gregaria, rarius sparsa, $\frac{1}{8}$ - $\frac{1}{5}$ mm. d.; asci 50-60 \approx 8-9; sporidia 9-12 \approx 3-4; in ligno *Coryli* in Fennia

C. pilosella

Perithecia laxe gregaria, $\frac{1}{8}$ - $\frac{1}{7}$ mm. d.; asci 40-45 \approx 12-15; sporidia 10-13 \approx 5-6; in ligno *putri* in It. bor.

C. hispidula

Perithecia $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 70-90 \approx 15-18; sporidia 20-25 \approx 10; in asseribus *abietinis* in It. bor.

C. canescens

Perithecia sparsa vel aggregata, 130-150 μ . d.; asci 50 \approx 6; sporidia 10-11 \approx 3; in ramis *Fagi*? in Am. austr.

**C. fuegiana*

Perithecia subgregaria (?) $\frac{1}{2}$ mm. d.; asci 100 \approx 7; sporidia 14-17 \approx 5; in ramo decorticato in Belgio

**C. sordida*

Perithecia 5-10-gregaria $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci? sporidia 25-28 \approx 6-7; in cortice *Persicae* in Argentina

**C. cucurbitarioides*

†† ascis tetraspori vel sexspori.

Perithecia sparsa vel subgregaria, $\frac{1}{8}$ - $\frac{1}{4}$ mm. d.; asci 90-100 \approx 12 (4-6-spori) sporidia 20-22 \approx 6-7; in sarmenis *Rubi* in Fennia

C. hirtula

B Sporidia 5-7-septata.

Perithecia sparsa, $\frac{1}{8}$ mm. d.; asci 80-90 \approx 8-10; sporidia 16-22 \approx 5-7 (5-septata) in ligno *Juniperi* in Fennia

C. juniperina

Perithecia sparsa, $\frac{1}{8}$ - $\frac{1}{6}$ mm. d.; asci 50 \approx 9; sporidia 10-20 \approx 4-6; (7-septata, raro septulo longitudin. accedente); in ligno *putri* in Belgio

C. aculeata

Clavis analytica specierum generis « Ohleria » (1)

A Sporidia concoloria.

§ Perithecia rugosula.

Perithecia $\frac{1}{8}$ mm. d.; asci 75-85 \approx 6-8; sporidia 15-18 \approx 3-5; in ligno arborum in Italia, Gallia, Germania et Am. bor.

O. rugulosa

Perithecia; asci 90 \approx 15; sporidia 18 \approx 4; ad lignum in Saxonia

**O. obducens*

§§ Perithecia plicata.

Asci 112 μ . longi; sporidia 16 \approx 4; in radicibus *Fagi* in Germania * *O. modesta*

B Sporidia loculis extimis hyalinis.

Sporidia 15-18 \approx 5-6; in sarmenis *Clematidis* in Gallia

**O. Clematidis*

(1) *O. adiecta* ex scrutatione speciminum authenticorum ad *O. rugulosam* pertinet.

Clavis analytica specierum generis « Cariospora » (1)**A Perithecia putaminicola.**

Sporidia 5-septata 90-100 \times 32-36; in putamine *Amygdali* in Italia,
Germania et America

C. Putaminum

B Perithecia lignicola.

Sporidia 1-septata (dēmum 5-septata?) 85-90 \times 37-40; in ligno in
Rhenogovia et Britannica

C. callicarpa

Sporidia 5-septata 80 \times 20, utrinque hyalino-mucronata; in ramis
Coffeae in Venezuela

**C. Coffeae*

C Perithecia culmicola.

Sporidia 1-septata, utrinque acuminata, subamygdaliformia vel acute
ellipsoidea, 35-45 \times 16-20; in culmis *Arundinariae* in Am. bor.

**C. Langloisii*

Clavis analytica specierum generis « Chaetosphaeria » (2)**A Perithecia demum collapsa.****§ sporidia 3-septata.**

Status conidicus *Cladotrichum* conidiis 1-septatis; sporidia 25 μ .
longa 3-septata; in ramis dejectis in Am. bor.

**C. phaeostromoides*

Status conidicus *Helminthosporium*; asci 60-70 \times 10-12; sporidia 18-
22 \times 6-7; in ramis emortuis in Italia, Germania, Gallia et Ceylon

C. bihyalina

Hyphae steriles; sporidia fusoidea, cymbiformia; in *Rubo* in Gallia
Belgio et Britannia

**C. callimorpha*

Hyphae steriles; sporidia hyalina; in ramis *Cistaneae* in Italia

C. parvula

Hyphae fuscae, cutenulas conidiorum gerentes; sporidia 13-15 \times 4-5;
in ligno *quercino* in Gallia et Britannia

C. atrobarba

§§ Sporidia 4-vel pluriseptata.

Hyphae articulo ultimo subcupulato, in conidia, cuneata, 12 \times 7, ab-
eunte; sporidia 4-septata, fuscidula, 20-25 \times 4-5; in ligno *Ulmi* in
Britannia

**C. eupulifera*

Hyphae setulosae steriles; subiculus fibrillosus, radiatus; sporidia
4-septata 50 \times 15, brunnea; in *Rubo* in Gallia

**C. calostroma*

Status conidicus *Helminthosporium*; sporidia 7-septata, 44-50 \times 8-10,
fusco-lutescentia; in ramis *Carpini* in Slavonia

**C. pezizaeformis*

B Perithecia non collapsa.**§ Byssus vel tomentum amoene colorata (h. e. non nigra).****† Sporidia triseptata.**

Subiculum fulvum, breve; sporidia 35-38 μ . longa, fuliginea; in li-
gno in Am. bor.

**C. leonina*

Subiculum rigidum, flavum; perithecia stromate piloso insidentia,
sporidia 20 μ . longa; in radicibus *Betulae* in Am. bor.

**C. pannicola*

(1) Generum monotypicorum vel species suas tantum amplectentium clavem analyticam saepe omisi.

(2) *C. exilem* (Schw.) Sacc. imperfecta diagnosi in clave inserere nequivit.

Subiculum brunneo-luteum; sporidia quadriguttata; in <i>Angelica</i> in Gallia	* <i>C. Angelicae</i>
Subiculum atro-rubiginosum; sporidia demum pallide fusca, 20-24 ≈ 4-6; in ligno putri in Am. bor.	* <i>C. rubiginosa</i>
Subiculum e filis rigidis, flavis efformatum; sporidia 20-25 μ. longa; in <i>Cyrilla</i> in Am. bor.	* <i>C. flavo-compta</i>
Subiculum griseolo-brunneum, ex hyphis longissimis formatum; sporidia 10-12,5 ≈ 6-5; in <i>doliis</i> vetustis in Am. bor.	* <i>C. longipila</i>
†† Sporidia 4-5-septata.	
Subiculum flavo-lanatum; sporidia 16 ≈ 18 μ. longa; in culmis <i>Mococytledonearum</i> in Ceylon	* <i>C. xanthotricha</i>
Subiculum brunneo-ferrugineum; sporidia 4-5-nucleata (forte demum 3-5-septata) 45-50 ≈ 8; in ramulis <i>Calluna</i> in Italia, Gallia et Bri- tannia	* <i>C. pileo-ferruginea</i>
§§ Byssus vel tomentum nigra.	
† Sporidia triseptata.	
a Sporidia apicibus hyalinis.	
Subiculum hyphoideum, corticolum; perithecia 360 μ. d., setis ob- tusis ornata; sporidia 16 ≈ 6; in cortice <i>Eucalypti</i> in California	* <i>C. ornata</i>
Subiculum crassum, densum, lignicolum; sporidia 25-30 ≈ 7-9; in ra- mis in Europa et Am. bor.	<i>C. phaeostroma</i>
Subiculum floccosum, lignicolum; conidia, helicoidea; sporidia 13- 15 ≈ 3-4, saepe murali divisa; in lignis in Am. bor.	<i>C. parvicerca</i>
Subiculum laxum ex hyphis rigidis, conidiophoris formatum, ligni- colum; sporidia 13-15 ≈ 4-5; in ligno <i>quercino</i> in Gallia et Britannia	<i>C. innumera</i>
aa Sporidia concoloria.	
Subiculum crustaceum, capnodiaceum, epiphyllum; sporidia unisep- tata, 4-guttata, 12 ≈ 3; in foliis <i>Alangit</i> in Calcutta, Ind.	* <i>C. indica</i>
Subiculum laxum, helminthosporioideum, lignicolum; sporidia 1- dein 3-septata; in ligno <i>Carpini</i> in Slavonia	* <i>C. Saccardiana</i>
Subiculum pannosum, repens, caulicolum; sporidia 3-septata, 24 ≈ 7-7,5; in caule <i>Epilobii</i> in Belgio	* <i>C. Crepini</i>
Subiculum rigidum, ramicolum; sporidia 22-24 ≈ 8; ad ramos in Am. bor.	* <i>C. holophaea</i>
†† Sporidia 3-5-septata.	
Subiculum crustaceum; tomentum squamuloso-pulveraceum; spori- dia 20 ≈ 40 μ. longa; in ligno denudato in Am. bor.	* <i>C. squamulata</i>

Clavis analytica specierum generis « Melanomma » (1)

A Sporidia biseptata.

Perithecia sparsa vel subapproximata; asci 80 ≈ 6; sporidia 10 ≈ 5;
in *Rusco* in Gallia

**M. Brunaudii*

(1) *M. pyriostictum* Cooke (Sacc. Suppl. Syll. I. p. 808) et *M. insipsum* (Schw.) Cooke. (Sacc. I. c.) brevitate diagno-
sum mihi dubia sunt et in clave inserere nequivi. *Trem. tornata* (B. et C.) Cooke (Sacc. I. e. 814) est follicula quare potius
Leptosphaeria videtur.

B Sporidia triseptata.

§ Sporidia concoloria vel loculis extimis vix pallidioribus.

† Sporidia disticha (vel saltem superne disticha).

Perithecia gregaria, $\frac{1}{4}$ mm. d.; asci 45-55 \times 6-8; sporidia 10-12 \approx 3-3.5; in ligno <i>pineo</i> in Fennia	<i>M. Puleiscula</i>
Perithecia gregaria, minuta, $\frac{1}{10}-\frac{1}{7}$ mm. d.; asci 30-45 \times 8-10; sporidia 12-14 \approx 4-5; in stromatibus <i>Hypoxyli</i> in Am. bor.	<i>M. Commonsii</i>
Perithecia sparsa vel gregaria, $\frac{1}{4}$ mm. d. asci 60-90 \approx 6-8; sporidia 14-18 \approx 4-5; in ligno <i>Abietis</i> et <i>Pistaciae</i> in Italia et Gallia	<i>M. Sylvanum</i>
Perithecia sparsa vel gregaria, $\frac{1}{4}$ mm. d.; asci 50-55 \times 7-8; sporidia 12-14 \approx 3-4; in <i>Sambuco</i> et <i>Erythrina</i> in Italia, Gallia, Britannia Belgio et Am. bor.	
Perithecia sparsa $\frac{1}{4}-\frac{1}{6}$ mm. d.; asci 50-60 \times 10-12; sporidia 15-18 \approx 5-7; in ramis <i>Salicis</i> in It. bor.	<i>M. fuscidulum</i>
Perithecia gregaria, $\frac{1}{5}-\frac{1}{2}$ mm. d.; asci 80-90 \times 10-12; sporidia 20-22 \approx 4-5; in ligno <i>pineo</i> et <i>Ionicerino</i> in Fennia	<i>M. minutum</i>
Perithecia gregaria $\frac{1}{5}-\frac{1}{2}$ mm. d.; asci 90-100 \times 12; sporidia 22-26 \approx 5; in ligno <i>Sorbi</i> in Fennia	<i>M. disjectum</i>
Perithecia gregaria $\frac{1}{3}$ mm. d.; asci 100-120 \approx 12-14; sporidia 21-25 \approx 7-9; in ramis <i>Salicis</i> in Fennia	<i>M. Holmskjoeldii</i>
Perithecia gregaria vel sparsa, $\frac{1}{3}$ mm. d.; asci 90-100 \approx 8-11; sporidia 20-24 \approx 6-8; in ramis <i>Aceris</i> et <i>Tamaricis</i> in Italia et Gallia	<i>M. cinereum</i>
Perithecia $\frac{1}{6}-\frac{1}{4}$ mm. d.; asci 70-80 \approx 12-15; sporidia 18-20 \approx 6-8; in asero <i>pin o</i> in Germania	<i>M. medium</i>
Perithecia sparsa vel dense gregaria, $\frac{1}{5}-\frac{1}{2}$ mm. d. asci 80-100 \approx 10-14; sporidia 25-30 \approx 6-8; in ligno vetusto arborum in fere tota Europa	<i>M. buelliooides</i>
Perithecia sparsa; asci clavati; sporidia 16 \approx 5; in ligno <i>pineo</i> in Tyrolia	<i>M. pertusum</i>
Perithecia sparsa vertice impressa; asci 88 \approx 10; sporidia 20 \approx 5; in ligno <i>pineo</i> in Helvetia	<i>*M. Heufleri</i>
Perithecia sparsa 200-300 μ . d.; asci 160-170 \approx 30-32; sporidia 34-38 \approx 14-16; in radicibus <i>Castaneae</i> in Apennino sup.	<i>*M. sparsum</i>
Perithecia sparsa vel gregaria; asci teretes; sporidia 15 μ . longa; in fragmentis <i>Coryli</i> in It. bor.	<i>*M. Gibellianum</i>
Perithecia gregaria vel crustaceo-congesta 200-300 μ . d.; asci 68-92 \approx 10-13; sporidia 18-27 \approx 6-7; in fructibus calycibusque <i>Dryadis</i> in Suecia	<i>*M. Verrucaria</i>
Perithecia sparsa; asci clavati; sporidia 25-30 \approx 8; in ramis <i>Fraxini</i> in Britannia	<i>*M. Dryadis</i>
Perithecia sparsa; asci 75 \approx 10; sporidia 16-23 \approx 5-7; in ligno <i>Populi</i> in Gallia	<i>*M. lunarium</i>
Perithecia sparsa vel gregaria, 110-130 μ . d.; asci 40-50 \times 8-10; sporidia 10-12 \approx 3-4; in <i>Diatrype Stigma</i>	<i>*M. Roumegueri</i>
Perithecia subcaespitosa; asci clavati; sporidia 25 \approx 6; in <i>Pino</i> in Am. bor. (?)	<i>*M. parasiticum</i>
	<i>*M. ramicolum</i>

- Perithecia subsparsa, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; ascii 140-150 \approx 12-14; sporidia 40-52 \approx 8 appendiculata; in culmis *Bambusae* in Malacca *M. tornatum*
 Perithecia sparsa conica 1-1½ mm. d.; ascii; sporidia 45-48 \approx 9-11 in ligno Ceylon *M. Vesuvius*
 Perithecia sparsa, $\frac{1}{2}$ mm. d.; ascii 150-170 \approx 18-22; sporidia 36-42 \approx 10; in *Salice* in Am. bor. *M. Langloisii*
- †† Sporidia monosticha.
- Perithecia laxa gregaria $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; ascii 110-120 \approx 9-11; sporidia 16-18 \approx 6-7; in ligno *Sorbi*, *Ulmi*, *Alni* etc. in Fennia, Tyrolia et Am. bor. *M. sanguinarium*
- Perithecia conferta, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; ascii 100-110 \approx 9-11; sporidia 13-16 \approx 6-7; in ramis *Rhamni* et *Punicae* in Gallia *M. Granati*
- Perithecia gregaria $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; ascii 70-80 \approx 10-12; sporidia 12-14 \approx 5-6; in *Pruno* et *Betula*, in fere tota Europa *M. Aspegrenii*
- Perithecia subsparsa, $\frac{1}{3}$ mm. d.; ascii 100-115 \approx 14-16; sporidia 20-23 \approx 7-8; in ligno *pineo* in Britannia et *populneo* in Am. bor. *M. surrectum*
- Perithecia sparsa vel in corticis rimis caecepitose nidulantia; ascii cylindracei; sporidia 12 \approx 4; in *Pruno* in Germania **M. subsparsum*
- Perithecia discreta, 400 p. d.; ascii 90-100 \approx 7-8; sporidia 16-17 \approx 6-6,2; in *Acero* in It. bor. **M. Cubonianum*
- Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; ascii 80-90 \approx 7-9; sporidia 15-18 \approx 4-5; in cortice *Aceris* in Fennia *M. erraticolum*
- Perithecia dense gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; ascii 80-90 \approx 8-10; sporidia 13-17 \approx 4-6; in lignis in fere tota Europa et Am. bor. *M. Pulvis-pyrius*
- Perithecia dense gregaria, $\frac{1}{2}$ mm. d.; ascii 120-130 \approx 7-9; sporidia 17-20 \approx 5-7; in *Rhododendro* in Tyrolia, Styria, Italia et Belgio *M. Rhododendri*
- Perithecia 2-8-congregata; ascii cylindracei; sporidia 10 \approx 6; in *Rhododendro* in Germania **M. rhododendrophilum*
- Perithecia dense gregaria $\frac{1}{3}$ mm. d.; ascii 80-90 \approx 8-9; sporidia 18-20 \approx 4-5; in ramulis *Rhamni*, *Hippophaes* et *Populi* in It. bor. *M. alpinum*
- Perithecia caespitosa vel sparsa; ascii 96 \approx 12; sporidia 16 \approx 6; in ramis *Salicis* in Germania **M. Hendersoniae*
- Perithecia subgregaria; ascii 128 \approx 8; sporidia 10 \approx 4; in cortice *Fagi* in Germania et ad corticem *Bomplandiae* et *Cascarillae* in crista *Lichenum* in Am. bor. **M. porphyrostomum*
- Perithecia; ascii cylindracei; sporidia 14 \approx 6; in ligno *Fagi* in Germania **M. seminudum*
- Perithecia gregaria; ascii 4-spori; sporidia 20 \approx 10; in nucleo fructus *Amygdali* in Algeria **M. pyrenogenum*
- Perithecia densiuscula aggregata, 180-250 p. d.; ascii 75-110 \approx 6-8; sporidia 12-15 \approx 5-5,5; in ramis *Pernetiae*, *Ribis* etc. in tota Fuegia Am. austr. **M. australis*
- Perithecia acervulata, 0,4 mm. d.; ascii; sporidia 21-24 \approx 6-9; in *Rubo* in Fennia **M. rubinum*
- Perithecia $\frac{2}{3}$ -1 mm. d.; ascii 120-140 \approx 13-16; sporidia 22-30 \approx 9-12; in *Theobromate Cacao* in Africa occ. **M. Henriquesianum*

- Perithecia gregaria, 0,3-0,4 mm. d.; asci cylindracei; sporidia 18-22 \times 8; in *Salice* in Slavonia **M. taphrinoides*
- Perithecia gregaria, 0,5 mm. d.; asci tenues; sporidia 18-21 \times 4-5; in ligno putri in Hollandia **M. hendersonioides*
- Perithecia 200-250 μ . d. ostiolis e latere compressis; asci cylindracei 85-95 \times 10; sporidia ut videtur monosticha, 18-20 \times 4-5; in ramis *Mayteni* in Fuegia Americae austr. **M. lophiostomoides*
- §§ Sporidiis loculis extimis pallidioribus vel hyalinis.
- † Sporidia disticha vel subdisticha.
- Perithecia gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 120-130 \times 12-15; sporidia 28-30 \times 7-8; in ligno *Fraxini* in Britannia *M. anglicum*
- Perithecia gregaria vel sparsa $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 100-110 \times 18-20; sporidia 28-32 \times 9-11; in trunculis *Globulariae* et *Medicaginis*, atque ad asseres pineos in It. bor. et Germania *M. dubiosum*
- Perithecia gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 40-45 \times 8-12; sporidia 14-16 \times 6 (in var. *majus* 22-24 \times 7-9); in putaminibus *Olearum* et in nubibus *Caryae* in It. bor. et Am. bor. *M. nuclearium*
- Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 75-90 \times 12-15; sporidia 20-2 \times 6-7; in *corticibus* in Abyssinia *M. Passerinianum*
- Perithecia subsparsa, $\frac{1}{4}$ mm. d.; asci 150-170 \times 10-12; sporidia 25-28 \times 8; in assere ripario (pineo?) in Germania *M. pleurostomum*
- Perithecia conferta, $\frac{1}{3}$ mm. d.; saepe subcylindrica, $\frac{1}{2}$ mm. alta; asci 140-160 \times 18 \times 20; sporidia 30-40 \times 10; in *corticibus* in Australia *M. congestum*
- Perithecia sparsa vel parce gregaria; asci 125-160 \times 16; sporidia 20-25 \times 8-10; in cortice *Betulae* in It. bor. **M. Carestiae*
- †† Sporidia monosticha.
- Perithecia sparsa, mycelio basi cincta, $\frac{1}{2}$ mm. d.; asci 90-100 \times 10-14; sporidia 20-23 \times 5-6; in cortice *Betulae* in Sibiria *M. subdispersum*
- Perithecia innata, conica; asci ..; sporidia 40 \times 8; in ligno in Ceylon **M. agnocystis*
- Perithecia hinc inde subaggregata, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d. asci 130-140 \times 10; sporidia 70 \times 7; in ramis *Salicis* in Gallia **M. truncatulum*
- Perithecia superficialia; asci 135 \times 15; sporidia 25 \times 10; in radicibus *Pruni* in Gallia **M. rupefortense*
- Perithecia dense gregaria, circ. 1 mm. d.; asci 150-160 \times 8-10; sporidia 14-16 \times 7-8; in putamine *Persicae* in Madeira **M. Fritzii*
- C* Sporidia pluriseptata.
- § Sporidia 4-5-septata.
- † Sporidia concoloria.
- a* Sporidia disticha.
- Perithecia sparsa, $\frac{1}{8}$ mm. d.; asci 160-170 \times 14-17; sporidia 35-38 \times 8-10; in ligno *Pini* in Fennia *M. hydrophilum*
- Perithecia sparsa vel gregaria, $\frac{1}{2}$ mm. d.; asci 170-190 \times 20-25; sporidia 28-35 \times 11-13; in *corticibus Oleae* in Italia, Austria, Gallia et Germania *M. Olearum*
- Perithecia $\frac{1}{8}$ mm. d.; subinde ligno immersa; asci 110-120 \times 18-20; sporidia 32-34 \times 10-12; in ligno *Quercus*, *Mori* et *Tiliae* in Italia *M. Passerinii*

- Perithecia subcongesta, 300-350 μ . d.; asci 85-90 \times 12-13; sporidia 22-25 \times 6,5; in *Salvia?* in Am. bor. **M. occidentale*
- Perithecia subsparsa 0,3-0,5 mm. d.; asci . . . ; sporidia (disticha?) 13-18 \times 5-6; in ramulis *Viburni* in Fennia **M. crypticum*
- Perithecia sparsa $1\frac{1}{2}$ - $3\frac{1}{4}$ mm. d.; asci 75-80 \times 18-20; sporidia 22-27 \times 6-7; in cortice *Artemisiae* in Am. bor. **M. tetonense*
- Perithecia conferta; asci longe stipitati, clavati; sporidia 5-6-septata, oblongo-cylindracea; in ramulis *Fraxini* in Gallia **M. Fraxini*
- b Sporidia monosticha.
- Perithecia sparsa 1 mm. d.; asci 105-115 \times 10-12; sporidia 18-22 \times 7-8; in corticibus in Malacca *M. clypeatum*
- Perithecia sparsa; asci cylindracei; sporidia monosticha, 4-septata, 10 \times 6-7; in corticibus in Borneo **M. Beccarianum*
- †† Sporidia loculis extimis pallidioribus, subhyalinis.
- Perithecia sparsa, $\frac{1}{2}$ mm. d.; asci 160-175 \times 18-24; sporidia 38-42 \times 14-16; in ligno *Quercus* in It. bor. *M. mundum*
- §§ Sporidia 7-9-septata.
- † Sporidia disticha.
- Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 100-110 \times 12-14; sporidia 28-30 \times 4-5; in ligno *Quercino* in Am. bor. *M. pachyascum*
- Perithecia gregaria $1\frac{1}{8}$ - $1\frac{1}{2}$ mm. d.; asci 115-125 \times 12; sporidia 46-56 \times 6; in ramis *Baccharidis* in California *M. seminis*
- Perithecia gregaria vel sparsa, $1\frac{1}{2}$ - $2\frac{1}{3}$ mm. d.; asci 220-240 \times 30-35; sporidia 85-95 \times 16-20; in lignis et corticibus, in Germania, Arduennis et America *M. callicarpum*
- Perithecia subsparsa $1\frac{1}{2}$ - $3\frac{1}{4}$ mm. d.; asci 160-180 \times 18-24; sporidia 40-42 \times 11-13; in cortice adhuc vegeto *Cerasorum* in It. bor. *M. Lichenopsis*
- Perithecia sparsa vel gregaria, $\frac{1}{2}$ mm. d.; asci 150-180 \times 20-30; sporidia 40-50 \times 12-14; in ramis *Pini*, *Berberidis*, *Rhamni*, *Crataegi* in Germania et Gallia. *M. megalosporum*
- Perithecia $\frac{1}{4}$ mm. d.; asci 160-170 \times 50-55; sporidia 8-septata. . . ! in ligno secto in Belgio **M. fallax*
- Perithecia gregaria, $\frac{1}{4}$ - $\frac{1}{2}$ mm. d.; asci tereti-clavulati; sporidia 26-30 \times 6; in ligno *Populi* **M. populinum*
- †† Sporidia monosticha.
- Perithecia sparsa, 400 \times 600 μ . d.; asci 150-200 \times 14; sporidia 7-9-septata, septis crassis, nigris, 30-40 \times 10-12; in ramis *Escalloniae* in Am. austr. **M. nigriseptum*

Clavis analytica specierum generis « Rhynchosphaeria »

A Species minores.

§ Sporidia 3-septata

- Perithecia gregaria $1\frac{1}{5}$ - $1\frac{1}{4}$ mm. d.; asci 80-90 \times 12-15; sporidia 18-20 \times 6-7; in ramis *Citri* in It. bor. *R. longicollis*

Perithecia gregaria $\frac{1}{3}$ mm. d.; asci 35-45 \times 6; sporidia 10-13 \times 3; in culmis *Arundinis* in It. bor.

R. ceratophora

Perithecia gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 70-100 \times 12-15; sporidia 18-20 \times 5-6; in ligno putri in Belgio

R. ambigua

§§ Sporidia 5-septata.

Perithecia sparsa; asci 70 \times 6; sporidia 18-20 \times 4-5; in stipitibus *Nipa* in Borneo

R. Cesatianum

B Species maiiores.

Perithecia dense gregaria, 1 mm. d.; ostioli usque 5 mm. longi; asci 120-150 \times 14-18; sporidia 60-70 \times 8, septemseptata; in ligno putri in Ceylon

R. Irpex

Clavis analytica generis « Sporormia » (1)

A Sporidia tetramera.

§ Species minores (h. e. sporidia usque 65 μ . longa).

Sporidia inter 25-35 μ . longit; et 4-6 μ . crassit; perithecia $\frac{1}{10}$ - $\frac{1}{3}$ mm. d.

- | |
|---|
| S. <i>Notarisii</i>
S. <i>leporina</i>
S. <i>minima</i>
S. <i>pulchella</i>
S. <i>leptosphaeroides</i>
*S. <i>Brassicae</i>
*S. <i>elegans</i>
S. <i>ambigua</i>
S. <i>lageniformis</i>
S. <i>intermedia</i>
S. <i>grandispora</i>
*S. <i>fuegiana</i>
*S. <i>patagonica</i>
*S. <i>obliquisepta</i>
*S. <i>australis</i>
*S. <i>cannabina</i> |
|---|

Sporidia inter 40-65 μ . longitudinis et 7-13 μ . crassitudinis; perithecia usque $\frac{1}{2}$ mm. d.

§§ Species majores (h. est sporidia 66 et ultra μ . longa).

Sporidia 85-110 \times 18-22; asci 280-300 \times 38-40; in fimo *ovino* in It. bor. et Germania

S. Spegazzinii

Sporidia 120-140 \times 20-22; asci 260-300 \times 50-60; in fimo *ovino* et *vacino* in Sellandia, It. bor. et Moravia

S. gigantea

B Sporidia pentamera vel heptamera.

Sporidia 80 \times 16-17, quinquelocularia; in fimo *Cuniculorum* in Hollandia

S. pentamera

Sporidia 42 μ . longa septemlocularia; in fimo *Capreolorum* in Germania

S. vexans

Sporidia 72-80 \times 18-22, septemlocularia; in fimo *Cuniculorum* et *Anserum* in Thuringia, Moravia, Spitzbergia, Fennia et Am. bor.

S. heptamera

(1) Genus hoc species minores valde affines amplectitur; earum tantum sectiones in clave disposui.

C Sporidia octomera.

§ Species minores.

† Asci longe stipitati.

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 115-125 \approx 14-18 (p. sp.) sporidia 42-45 \approx 9; in fimo *suino*, *caprino* et *Tetraonis* in Germania, Britannia, et Italia

S. octomera

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 160-180 \approx 22-26 (p. sp.) sporidia 55-60 \approx 10-12; in fimo *leporino*, rarius *ovino*, in Moravia

S. corynespora

Perithecia sparsa, vel adproximata; asci 108-120 \approx 20 (p. sp.) sporidia 40-44 \approx 8; in ligno *populeo* putri in It. bor.

**S. ticinensis*

†† Asci breviter stipitati.

Perithecia sparsa, 220-250 μ . d.; asci 140-180 \approx 18-21; sporidia 50-60 \approx 8-10; in fimo *vaccino* in Germania

S. commutata

Perithecia immersa sparsa (?); asci 160-165 \approx 21; sporidia 45 \approx 7; in fimo *ovino* in Gallia

**S. octoloculata*

Perithecia plus minus gregaria, 180-220 μ . d.; asci 120-150 \approx 18-21; sporidia 33-40 \approx 7-9; in fimo *leporino* et *ovino* in Germania

**S. pascua*

§§ Species majores.

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 160-180 \approx 28-32; sporidia 80-95 \approx 14-16; in fimo *leporino* in Belgio

S. affinis

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 200-220 \approx 40-45; sporidia 110-120 \approx 13-15; in fimo *leporino* in Moravia

S. insignis

Perithecia gregaria, $\frac{3}{4}$ - $\frac{4}{5}$ mm. d.; asci 136 \approx 24; sporidia 72 \approx 9; in ligno in liquido ammoniacali macerato in Germania

**S. gigaspora*

Perithecia sparsa, 420 μ . d.; asci 280-290 \approx 31-40; sporidia 5-6-7-8-9; in fimo *Cuniculorum* in Thuringia

S. variabilisD* Sporidia 9-plurilocularia.

§ Sporidia in asco parallele stipata.

Perithecia sparsa, $\frac{1}{10}$ - $\frac{1}{8}$ mm. d.; asci 70-80 \approx 16-18; sporidia 46-50 \approx 4, 15-locularia; in fimo *vaccino* in Italia, Germania et America bor.

S. fimetaria

§§ Sporidia 1-3-sticha.

Perithecia gregaria, $\frac{1}{2}$ - $\frac{2}{3}$ mm. d.; asci 170-200 \approx 20-24 (p. sp.) sporidia 60-76 \approx 8-9, 12-14-cellularia; in fimo *Cuniculorum* in Belgio

**S. Marchaliana*

Perithecia sparsa vel laxe gregaria, 350-450 μ . d.; asci 140-150 \approx 25-30; sporidia 45-65 \approx 5-6, 11-13 cellularia; in fimo *Bereniclae antarcticae* in Am. austr.

**S. antaretica*

Perithecia sparsa (?) 500-600 μ . alta, asci 240-260 \approx 18-24 (p. sp.) sporidia 70-90 \approx 9-11, 13-15-locularia; in fimo *Cuniculorum* in Austria

**S. immersa*

Perithecia sparsa, $\frac{1}{2}$ - $\frac{3}{4}$ mm. d.; asci 250-342 \approx 50-60; sporidia 10-13 locularia, 112-152 \approx 14-16; in fimo *vaccino* in Am. bor.

**S. herculea*

Clavis analytica specierum generis « *Stuartella* »**A** Sporidia triseptata.

Perithecia sparsa vel gregaria, et confluentia, $\frac{1}{2}$ mm. d.; asci 150-160 \approx 14-16; sporidia 38-42 \approx 8-10; in ligno *Salicis*, *Ribis*, *Lonicerae* et *Quercus* in Gallia et Italia

*S. formosa***B** Sporidia pluriseptata.

Perithecia gregaria, maiuscula $\frac{3}{4}$ mm. d.; asci clavato-cylindracei; sporidia 40-50 \approx 8-10; in ligno decorticato in Britannia

**S. Carlylei*

Perithecia dense gregaria, ovata, 330 μ . d.; asci 130 \approx 22; sporidia *septata* « (tri-vel quinqueseptata, vel amplius?) » 35-45 \approx 11-15; in caulis *Artemisiae* in Am. bor.

S. sulcata*Clavis analytica specierum generis « *Kalmusia* »A** Sporidia distica.**§** Ascii longe stipitati.

Perithecia fere $\frac{1}{2}$ mm. d.; asci 73-80 \approx 12-15 (p. sp.); sporidia 19-20 \approx 5-6; in caulis *Sambuci* in Moravia

K. Ebuli

Perithecia subgregaria, parvula; asci 60-70 \approx 8-10 (p. sp.); sporidia 15 \approx 5; in ramis *Fici* in It. bor.

K. Fici*§§** Ascii subsessiles.

Perithecia $\frac{1}{3}$ mm. d.; asci 55-65 \approx 10-12; sporidia 12-15 \approx 6-7, haud raro muriformia; in ligno *Juniperi* in Am. bor.

*K. inusta***C** Sporidia monosticha.

Perithecia sparsa primitus pulvere rubro conspersa; asci cylindracei; sporidia 22 \approx 8; in ligno in insula Socotra Afr. orient.

**K. rubro-nigra*

Perithecia sparsa vel approximata; asci 74-125 \approx 7, mox diffuentes; sporidia 15-20 \approx 5; in ramis *Abietis* in Gallia

**K. Abietis*

Perithecia sparsa; asci; sporidia (monosticha?) plurilocularia; in ligno *Populi*, *Fraxini*, etc. in Suecia et Italia

K. Eutypa (1)*Clavis analytica specierum generis « *Thyridaria* »A** Sporidia triseptata.**§** Sporidia monosticha.

Perithecia acervulata vel sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 110-120 \approx 12-14; sporidia 23-28 \approx 8-10; in cortice ramorum *Broussonetiae*, *Albiziae*, *Rhois*, *Juglandis* et *Mori* in It. bor.

Th. incrustans

Perithecia acervulata, sursum rubro-lateritia, $\frac{1}{3}$ mm. d.; asci 80-100 \approx 7-9; sporidia 16-19 \approx 5-7; In ramis *Ulmi*, *Aesculi*, et *Ailanthi* in Britannia Gallia ed Hungaria

Th. rubro-notata

(1) Mihi dubia.

Perithecia valsiformiter acervulata; asci 100-110 \times 7-9; sporidia 15-18 \approx 4-6; in ramis <i>Sambuci</i> in Fennia	<i>Th. Sambuci</i>
Perithecia gregaria, ostiolis rubro-notatis $1/3$ - $1/2$ mm. d.; asci 80-90 \approx 5-6; sporidia 14 \approx 4; in ramis <i>Aceris</i> in Gallia	* <i>Th. delognensis</i>
§§ Sporidia disticha.	
Perithecia stromate tecta, $1/4$ - $1/3$ mm. d.; singula vel acervulata; asci 50-55 \times 10-12, stipitata; sporidia 15-17 \approx 4-6; in caulibus <i>Comptoniae</i> in Am. bor.	<i>Th. Comptoniae</i>
Perithecia acervulata, $1/3$ mm. d.; asci 45-55 \times 8-10; sporidia 14-16 \approx 5; in ramis <i>Meliae</i> in Am. bor.	<i>Th. eutypoides</i>
Perithecia vix acervulata, vel sparsa, $1/3$ mm. d.; asci 90-110 \approx 16-20; sporidia saepe continua, 20-26 \approx 4-5; in cortice <i>Fraxini</i> in Am. bor.	<i>Th. Fraxini</i>
Perithecia in quoque stromate 6-20 acervulata, $1/3$ - $1/2$ mm. d.; asci 75 \approx 1; sporidia 15-20 \approx 6-7; in cortice <i>Tiliae</i> (?) in Am. bor.	* <i>Th. Texensis</i>
B Sporidia 5-septata.	
Perithecia rubro-pruinosa, acervulata, $1/3$ - $1/2$ mm. d.; asci 95-105 \approx 9-12; sporidia 16-20 \approx 5-6, subinde septulis longitudinalibus accedentibus; in ramis <i>Pruni</i> in Fennia	<i>Th. pulveracea</i>

Clavis analytica specierum generis « Massarina »

A Species minores (h. e. sporidia usque 27 μ. longa)	
§ ramicolae.	
Perithecia sparsa vel subgregaria; asci 60-65 \approx 10; sporidia 12-14 \approx 3,5-4; in ramis <i>Pini</i> in It. bor.	<i>M. microspora</i>
Perithecia gregaria, 300 μ . d., nucleo albo farcta; asci 60-70 \approx 12-14; sporidia 20-24 \approx 4-6; in ramis <i>Tiliae</i> in Germania	<i>M. micacea</i>
Perithecia sparsa vel acervata, $1/4$ mm. d.; asci 80-90 \approx 12-16; sporidia 22-24 \approx 5-6; in ramis <i>Carpini</i> in Germania	<i>M. microcarpa</i>
Perithecia $1/3$ - $1/2$ mm. d.; molliuscula, gregaria, epidermide nigrescente tecta; asci 85-95 \approx 10-12; sporidia 18-20 \approx 4-5; in ramis <i>Rosarum</i> in Germania	<i>M. polymorpha</i>
Perithecia sparsa vel subinde 1-3 acervulata, cupuliformia (ut in <i>Ditopella</i>) tere $1/2$ mm. d.; asci 65-70 \approx 15-18; sporidia 20-22 \approx 5-5; in <i>Alno</i> in Britannia	<i>M. alnicola</i>
Perithecia laxa gregaria, $1/3$ mm. d.; apice setulosa; asci 90 \approx 15; sporidia 20 \approx 8; in ramis <i>Cytisi</i> in It. bor.	<i>M. penicillata</i>
§§ foliicolae.	
Perithecia gregaria $1/4$ mm. d., epidermide longitudinaliter fissâ tecta; asci 95-105 \approx 17-24; sporidia 25-27 \approx 8-10; in foliis <i>Xerophylli</i> in Am. bor.	<i>M. hysteroides</i>
B Species majores (h. e. sporidia 28 et amplius μ. longa).	
Perithecia gregaria, $1/4$ mm. d.; asci 95-105 \approx 18-23; sporidia 32-34 \approx 10-12; in ramis <i>Corni</i> in Germania	<i>M. Corni</i>

Perithecia saepe gregaria, $\frac{1}{4}$ mm. d.; asci 130-140 \vee 14-17; sporidia 28-32 \approx 8-10; in ramis <i>Fagi</i> in Gallia, Germania, Italia et Britannia	<i>M. eburnea</i>
Perithecia sparsa, $\frac{1}{4}\text{-}\frac{1}{3}$ mm. d.; asci 120-130 \approx 18-20; sporidia 30-32 \approx 12-15; in ramulis <i>Coryli</i> in It. bor.	<i>M. eburnoides</i>
Perithecia gregaria, $\frac{3}{4}$ mm. d., coriacea, crassa, asci 100-110 \approx 18-20 (p. sporif.); sporidia 28-32 \approx 7-8; in cortice <i>Fagi</i> et <i>Aceris</i> in Gallia	<i>M. lunulata</i>
Perithecia gregaria vel dense sparsa, $\frac{1}{3}\text{-}\frac{1}{2}$ mm. d.; coriacea, asci 85-95 \approx 14-18; sporidia 26-30 \approx 7-8; in ramis <i>Myrica</i> in Am. bor.	<i>M. Myricae</i>

Clavis analytica specierum generis « Metasphaeria »

A Sporidia biseptata vel verisimiliter demum triseptata.

§ species minores, (h. e. sporidiis usque 28 μ . longis.)

Perithecia in greges minutos sociata, 300-400 μ . d.; asci 60-70 \approx 8; sporidia 12-14 \approx 3-4, tri-quadriguttata; (An immatura?) in <i>Trollio</i> ad Plenji maris glacialis	<i>M. Trollii</i>
Perithecia sparsa, minima, $\frac{1}{10}$ mm. d.; asci 35-38 \approx 8; sporidia 12-14 \approx $3\frac{1}{2}$ -4 uniseptata (an demum triseptata?) in foliis <i>Leersiae</i> , in It. bor.	<i>M. Leersiae</i>
Perithecia subgregaria, $\frac{1}{9}\text{-}\frac{1}{7}$ mm. d.; asci 40-45 \approx 8; sporidia 12-14 \approx 3, uni-(an demum tri-?) septata; in involucris <i>Castanearum</i> in It. bor.	<i>M. involucralis</i>
Perithecia subsparsa, $\frac{1}{4}\text{-}\frac{1}{3}$ mm. d.; asci 60 \approx 12; sporidia 14-18 \approx 5-6, continua vel biseptata; in foliis <i>Cocos</i> , Demerara	<i>M. cocogena</i>
Perithecia subgregaria, $\frac{1}{4}\text{-}\frac{1}{3}$ mm. d.; asci 60-70 \approx 10-12; sporidia 17-19 \approx 5-6, bi-(an demum tri-?)septata; in <i>Hyperico</i> in Helvetia	<i>M. ocellata</i>
Perithecia sparsa $\frac{1}{7}\text{-}\frac{1}{6}$; asci 80-90 \approx 15-18; sporidia 20-24 \approx 6-7; uni-(an demum tri-?)septata; in foliis <i>Graminum</i> in It. bor.	<i>M. anarithmoides</i>
Perithecia minuta sparsa; asci linearis-subclavati; sporidia 6 \approx 2, bi-septata; in caulinis <i>Boehmeriae</i> « <i>Calcutta</i> »	<i>M. Boehmeriae</i>
Perithecia punctiformia; asci clavati; sporidia breviter fusoidea (parva?); in <i>Lycopodio</i> in Am. bor.	* <i>M. Lycopodii</i>
Perithecia gregaria, asci cylindracei, 60-70 \approx 9-10; sporidia 4-guttata, 16-17 \approx 3-4; in thallo <i>Physmatis</i> in Germania	* <i>M. leptogiophila</i>
§§ Species majores, h. e. sporidiis 30 et amplius μ . longis.	
Perithecia sparsa; asci 100-110 \approx 12-15; sporidia eximie biconoidea (an demum 3-5-septata) muco obvoluta, 25-30 \approx 5, (sine muco); in caulinis <i>Sambuci</i> in It. bor.	<i>M. ambigua</i>
B Sporidia distincte triseptata.	
§ In Acotyledoneis parasiticae.	
Perithecia in soros collecta, $\frac{1}{6}\text{-}\frac{1}{5}$ mm. d.; asci 50-60 \approx 12-14; sporidia 27-30 \approx 4-5; in frondibus vivis <i>Marattiae</i> in terra Cafrorum	<i>M. Caffra</i>
Perithecia folicola, sparsa, epi-et hypophylla; asci; sporidia 10-11 \approx 2 $\frac{1}{2}$; in <i>Lycopodio</i> <i>Plegmaria</i> in Ceylon	* <i>M. Plegmariae</i>

- Perithecia punctiformia, dispersa; asci subcylindracei; sporidia 24-
30 \approx 5-6; in thallo *Stereocaulonis* in Tyrolia *M. *Stereocaulorum*
- Perithecia 150 μ . d., solitaria; asci sexspori, piriformes; sporidia 19
21 \approx 7,5; in squamis thalli *Psorae* in It. bor. *M. *Psorae*
- §§ In Monocotyledoneis parasiticae.
- † Species minores, h. e. sporidiis usque 28 μ . longis.
- Perithecia gregaria $1\frac{1}{8}$ - $1\frac{1}{4}$ mm. d.; asci 50-60 \approx 12-14; sporidia 15-
18 \approx 3-4; in foliis *Musae* in Afr. occ. M. *Cumanella*
- Perithecia gregaria, $1\frac{1}{8}$ - $1\frac{1}{4}$ mm. d.; asci 65-70 \approx 10-12; sporidia 12-
15 \approx 5; in foliis *Typhae* in Germania M. *lacustris*
- Perithecia sparsa, $1\frac{1}{8}$ mm. d.; asci 60-70 \approx 12-14; sporidia 20-22 \approx
 \approx 6-8; in culmis *Phlaei* in Fennia (Adest forma *Poae* in *Poa* in
Germania) M. *culmifida*
- Perithecia 2-3-congesta, 120-150 μ . d.; asci 40-45 \approx 8; sporidia 12-
14 \approx 3; in foliis *Panicorum* in Am. bor. M. *Panicorum*
- Perithecia epiphylla, sparsa vel gregaria, 160-180 μ . d.; asci 55-65
 \approx 9-11; sporidia 18-20 \approx 4; in *Luzula* in Tyrolia M. *Luzulae*
- Perithecia laxe seriata, $1\frac{1}{8}$ - $1\frac{1}{4}$ mm. d.; asci 45-55 \approx 8-9; sporidia 16-
18 \approx 4; in foliis *Caricum* in It. bor. et Britannia (Adest var. *Lu-*
zulina in *Luzula* in Fennia) M. *Cumana*
- Perithecia sparsa, 170-200 μ . d.; asci 75-85 \approx 12-14; sporidia 22-24
 \approx 7; in foliis *Brachypodii* in Italia et Germania M. *Brachypodii*
- Perithecia epiphylla, $1\frac{1}{8}$ mm. d.; asci 60-70 \approx 12; sporidia 20-23 \approx
4-5; in foliis *Bambusae*, Cayenna M. *fusariispora*
- Perithecia sparsa, $1\frac{1}{8}$ mm. d.; asci 90 \approx 15; sporidia 25-28 \approx 5-6,5;
in foliis *Airae* et *Sorghii* in Britannia et Italia (Adest var. *Cocco-*
des in *Calamagrostide* in Fennia) M. *anarithma*
- Perithecia sparsa, $1\frac{1}{8}$ mm. d.; asci 70-80 \approx 14-16; sporidia 22-25 \approx 7;
in *Sabal* in Am. bor. M. *Palmetta*
- Perithecia gregaria; asci clavulati, 56 \approx 7; sporidia 14 \approx 2-5; in cala-
mis *Junci* in Nederlandia *M. *Junci*
- Perithecia confertim sparsa; asci 60 \approx 12-13; sporidia 20-25 \approx 6,5; in
foliis et caulis *Iridis* in Algeria *M. *iridicola*
- Perithecia minutissima, in maculis rufis vel brunneo-castaneis; spar-
sa; asci 50-55 μ . longi; sporidia 20 μ . longa; in foliis *Iridis* in
Gallia et Belgio *M. *Iridis*
- Perithecia subsparsa, minuta; asci tereti-clavulati; sporidia 4-guttata,
15-16 \approx 3,5; in foliis *Avenae* in Germania *M. *Avenae*
- Perithecia membranacea, 250-300 μ . d.; asci 150 μ . longi; sporidia
27 \approx 6; in *Oryza* in It. bor. *M. *Cattanei*
- Perithecia hypophylla, dense seriatim gregaria; asci 36 \approx 12; spor-
idia 4-guttata, 12-14 \approx 4-5; in foliis *Dactylidis* in Germania *M. *recutita*
- Perithecia parva, sparsa; asci 80-100 \approx 10-12; sporidia 20-25 \approx 4; in
Sparganio in Gallia *M. *Sparganii*
- Perithecia gregaria, majuscula; asci 70-75 \approx 14-16; sporidia 22-25 \approx
5-6; in caulis *Tofeldiae borealis* in Groenlandia *M. *borealis*

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci lineares, 70-80 \times 4-5; sporidia 12-16 \times 3; in vaginis <i>Panici</i> in Am. bor.	* <i>M. stenotheca</i>
† Species majores, (h. e. sporidiis 30 et amplius μ . longis.)	
Perithecia sparsa, 170 μ . d.; asci 84-90 \times 50-58; sporidia 33-31; in foliis <i>Graminum</i> in Tyrolia	<i>M. neglecta</i>
Perithecia sparsa vel seriata $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 55-10 \times 18-22; sporidia 40-42 \times 6; in <i>Panico</i> in Am. bor.	<i>M. punctulata</i>
Perithecia subsparsa, $\frac{1}{5}$ mm. d.; asci 115-125 \times 40-55; sporidia 35-40 \times 14-16; in foliis <i>Caricum</i> in Groenlandia	<i>M. macrotheca</i>
Perithecia sparsa vel gregaria, $\frac{2}{3}$ - $\frac{1}{2}$ mm. d.; asci 110-120 \times 28-30; sporidia 40-44 \times 10-12; in calamis <i>Scirpi</i> in Spetzbergia et Gallia	<i>M. Scirpi</i>
Perithecia irregulariter sparsa, $\frac{2}{3}$ - $\frac{3}{4}$ mm. d.; asci 150-170 \times 20-26; sporidia 58-65 \times 10-12; in culmis <i>Spartinae</i> in Am. bor.	<i>M. marina</i>
Perithecia sparsa vel subgregaria, 200 μ . d.; asci 120 \times 25; sporidia 40-48 \times 10-12; in calamis <i>Spartiuae</i> in Belgio	* <i>M. mosana</i>
\$\$\$ In Dicotyledoneis parasiticae.	
† Species minores (h. e. sporidiis usque 28 μ . longis.)	
a cauli-ramicolae.	
Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 95-110 \times 8-12; sporidia 15-18 \times 4-6; in ramis arborum variarum in Germania, Austria, Gallia et Am. bor.	<i>M. corticola</i>
Perithecia sparsa; asci 80-90 \times 12-14; sporidia 16-18 \times 5-6; in caulis <i>Umbelliferarum</i> in Britannia, Belgio et Am. bor.	<i>M. Thwaitesii</i>
Perithecia sparsa vel subgregaria, $\frac{1}{6}$ mm. d.; asci 75-80 \times 10-12; sporidia 16-18 \times 4-5; in fructibus <i>Cupressi pyramidalis</i> in It. bor.	<i>M. Cyparissi</i>
Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 80-90 \times 8-9; sporidia 17-20 \times 4-5; in caulis <i>Ferulae</i> in Algeria	<i>M. ferulina</i>
Perithecia sparsa, $\frac{1}{5}$ mm. d.; asci 42-52 \times 8-10; sporidia 15-18 \times 3 $\frac{1}{2}$ -4; in foliis <i>Vincae</i> in Germania, Gallia, Suecia et Italia	<i>M. Vincae</i>
Perithecia sparsa, 300 μ . d.; asci 80-90 \times 10-12; sporidia 16-18 \times 8; in foliis <i>Empetri</i> in Helvetia, Germania et Italia	
Perithecia subcutanea gregaria, 65-85 μ . d.; asci 36-40 \times 7-8; sporidia 12-14 \times 3-5; in sarmentis <i>Vitis</i> in Gallia	<i>M. pampinea</i>
Perithecia dense gregaria, 300 μ . d., epidermide atrata tecta, asci 60-70 \times 6-8; sporidia 9-11 \times 3-4; in sarmentis <i>Rubi</i> in Belgio	<i>M. clypeosphaerioides</i>
Perithecia sparsa vel leniter gregaria, 160 \times 200 μ ; asci 65-75 \times 12-14; sporidia 18-20 \times 4-6; in ramulis plantarum var. in Italia, Gallia et Germania (Adest var. <i>Aquilegiae</i> in <i>Aquilegia</i> , Trento et Hungaria)	
Perithecia subsparsa, maculas dealbatas incolentia, $\frac{1}{3}$ mm. d.; asci 80-90 \times 10; sporidia 16-20 \times 7; in ramis decorticatis <i>Fraxini</i> in Britannia	<i>M. sepincola</i>
Perithecia gregaria, $\frac{1}{6}$ - $\frac{1}{4}$ mm. d.; asci 60-70 \times 12-15; sporidia 18-22 \times 6-7; in baccis putr. <i>Juniperi</i> in Tirolia	<i>M. dealbata</i>
Perithecia sparsa vel gregaria, $\frac{1}{3}$ mm. d.; asci 70-80 \times 12-14; sporidia 24-28 \times 6-8; in caulis <i>Desmodii</i> in Am. bor.	<i>M. saprophila</i>

- Perithecia gregaria, 120-150 μ . d.; asci 70-80 \approx 7-8; sporidia 18-20 \approx 3-3,5; in sarmenis *Vitis* in It. bor. *M. socia*
- Perithecia minuta, subgregaria; asci 75-80 \approx 10-12; sporidia 18-22 \approx 5-6; in ramulis *Coryli* in Gallia *M. Coryli*
- Perithecia in matrice cruentata innato-erumpentia, 300 μ . d.; asci 120-140 \approx 21-13; sporidia 24-28 \approx 5,5-6; in caulibus in Gallia *M. rubella*
- Perithecia sparsa, $1\frac{1}{4}$ mm. d.; asci 90-100 \approx 8-10; sporidia 22-24 \approx 5-6; in ramulis *Fontanesiae* in It. bor. *M. Fontanesiae*
- Perithecia gregaria, 150-200 μ . d. ostiolo setoso; asci 100-14; sporidia 22-25 \approx 5,5-6; in sarmenis *Vitis* in It. bor. *M. chaetostoma*
- Perithecia gregaria, $1\frac{1}{4}$ - $1\frac{1}{3}$ mm. d.; asci 100-110 \approx 15-18; sporidia 25-28 \approx 7-9; in ramulis *Lonicerae* in Helvetia *M. helvetica*
- Perithecia sparsa, $1\frac{1}{8}$ - $1\frac{1}{6}$ mm. d.; asci 70-80 \approx 15; sporidia 25-26 \approx 6-7; in *Aconito* in It. bor. *M. rupicola*
- Perithecia gregaria; asci 108-118 \approx 13; sporidia 28 \approx 6; in *Senecione* in Germania **M. Senencionis*
- Perithecia sparsa; asci clavati; sporidia 28-30 \approx 10; in *Artemisia* in Africa austr. **M. metuloidea*
- Perithecia sparsa, minuta; asci clavati; sporidia 15-18 \approx 4; in ramulis *Clematidis* et *Senencionis* in Africa **M. brachiata*
- Perithecia gregaria; asci 76 \approx 15; sporidia 20-25 \approx 4; in *Helianthemo* in Germania **M. Helianthemi*
- Perithecia dense sparsa; asci 28 \approx 10; sporidia 12 \approx 3; in *Euphorbia* in Sicilia **M. Sacculus*
- Perithecia gregaria vel sparsa, media magnitudine, depressa; asci 123 \approx 10; sporidia 16-20 \approx 8; in ramis *Carpini* in Germania **M. depressa*
- Perithecia parva, epidermide nigrificata tecta; asci cylindracei; sporidia 15 \approx 7,5; in caulibus *Humuli* in Am. bor. **M. humulina*
- Perithecia sparsa; asci clavati vel subcylindracei; sporidia 3-septata chlorino-hyalina; in caulibus *Gei* in Gallia (*Mihi dubia*) **M. Gei*
- Perithecia minuta; asci clavati 75 \approx 10; sporidia 20 \approx 5; in ramulis *Genistae tinctoriae* in It. bor. **M. tinctoria*
- Perithecia membranacea, sparsa vel approximata; asci 80-90 \approx 12; sporidia 25 \approx 8-9; in caulibus *Spartii* in Gallia **M. Spartii*
- Perithecia sparsa vel subgregaria; asci 70-90 \approx 10; sporidia 15-20 \approx 4-5; in ramulis *Liriodendri* in It. bor. **M. Liriodendri*
- Perithecia sparsa; asci 40-62 \approx 10-12; sporidia 20 \approx 8; in cortice *Pruni* in It. bor. **M. Peridermii*
- Perithecia $1\frac{3}{4}$ - $2\frac{1}{4}$ mm. d., interdum 2-3-unita; asci 80-115 \approx 12-15; sporidia 18-22 \approx 7-9; in cortice *Taxodii* in Am. bor. **M. cavernosa*
- Perithecia gregaria, 250 μ . d.; asci 75-80 μ . longi (pars sporifera 40 \approx 12); sporidia 20-22 \approx 3,5-4,5; in trunco *Platani* in Am. bor. **M. rubida*
- Perithecia laxe gregaria, $1\frac{1}{4}$ mm. d.; asci clavulati; sporidia 15-20 \approx 6; in ramis *Carpini* in Slavonia **M. subsimilis*
- Perithecia 0,2-0,3 mm. d., gregaria vel sparsa ostiolo lato, depres-

- sione orbiculari oriente; asci clavati, 120-140 \times 15-18; sporidia 21-28 \times 10-12; in cortice in Venezuela **M. annulata*
- b* foliicolae.
- Perithecia dense sparsa, 130 μ . d.; asci 70-80 \times 12-14; sporidia 18-20 \times 4-5; in *Hedera* in Gallia, Germania, Italia, Belgio et America bor. *M. helicicola*
- Perithecia sparsa, minuta; asci 35-40 \times 8-10; sporidia 12-15 \times 5; in foliis *Cassiope* in Groenlandia *M. Cassiopes*
- Perithecia sparsa vel gregaria, 180-200 μ . d.; asci 52-60 \times 10-12; sporidia 22-25 \times 4-5; in *Arabide alpina* in Irlandia et Groenlandia *M. Arabidis*
- Perithecia in macula arecente, 100-120 μ ; asci 60-70 \times 10-12; sporidia 18-20 \times 5-7; in *Hedera* in Britannia, Italia, Belgio, Suecia et Hollandia *M. Hederae*
- Perithecia semiimmersa, 150 μ . d.; asci 60-70 \times 12-16; sporidia 20-24 \times 6-7.5; in *Xerophyllum* in Am. bor. *M. Xerophylli*
- Perithecia 90-100 μ . d., remote sparsa, in maculis albidis, fuligineo marginatis; asci 90-100 \times 10-11; sporidia 20-22 \times 6-7; in *Lauro nobili* in It. bor. et Lusitania *M. nobilis*
- Perithecia sparsa, 150 μ . d.; asci 138 \times 17-23; sporidia 20-24 \times 6-7; in *Carlina* in Moravia *M. Cynaracearum*
- Perithecia epiphylla, minutissima; asci tereti-fusoidei; sporidia 22-24 \times 4-5; in foliis *Acerum* in Gallia **M. Acerum*
- Perithecia vix papillata; asci clavati; sporidia quandoque quadrisep-tata, 23-24 \times 6; in foliis *Abietum* in California Am. bor. **M. Acuum*
- Perithecia in macula brunneâ congregata, conico-depressa; asci 45 \times 10; sporidia 15 \times 4; in foliis *Etolis palustris* in Gallia **M. palustris*
- Perithecia globoso-convexa; asci 135 \times 8-9; sporidia 17 \times 6; in pagina infer. foliorum *Ilicis* in Gallia **M. Lieuryana*
- Perithecia hypophylla, aggregata, 0,25 mm. d.; asci 40-50 \times 6-8; sporidia 9-11 \times 2-2.5; in foliis *Eucalypti* in Lusitania **M. Molleriana*
- Perithecia gregaria; asci clavati; sporidia elliptico-lanceolata, 20 \times 8; in foliis *Hederae* in Am. bor. **M. hederaefolia*
- †† Species majores, (h. e. sporidiis 30 et amplius μ . longis.)
- a* rami-caulicolae.
- Perithecia gregaria, $1\frac{1}{3}$ mm. d.; asci 95-105 \times 12-13; sporidia 35-37 \times 4; in caulibus *Euphrasiae* in Germania *M. coniformis*
- Perithecia subgregaria, $1\frac{1}{3}$ mm. d.; asci 100-110 \times 12-14; sporidia 48-50 \times 4-6; in caulibus *Erinanthi* in Fennia *M. affinis*
- Perithecia $1\frac{1}{3}$ mm. d.; asci 90-100 \times 11-14; sporidia 26-30 \times 6-7; in *Galiis* in Gallia *M. Galiorum*
- Perithecia sparsa vel laxe gregaria, $1\frac{1}{2}$ mm. d.; asci 90-100 \times 8-10; sporidia 28-33 \times 4-5 $\frac{1}{2}$; in caulibus *herbaceis* in Britannia, Gallia et Carol. *M. complanata*
- Perithecia minuta, $1\frac{1}{6}$ mm. d.; asci 80 \times 8; sporidia 30 \times 4; in *Lathyro* in It. bor. *M. Lathyri*
- Perithecia semiimmersa, coriaceo-carbonacea; asci 100-110 \times 18; sporidia 26-32 \times 6-7.5; in ramulis *Corae* in It. bor. et Styria *M. Fiedlacri*

- Perithecia gregaria; asci 105-18; sporidia 44-8; in *Senecionibus*
in Germania et Helvetia **M. macrospor*
- Perithecia sparsa, majuscula; asci 60-67-12-14; sporidia 25-33-4;
in ramulis *Lonicerae* **M. Lonicerae*
- b* foliicolae.
- Perithecia sparsa, 300-400 μ . d.; asci 105-115-12-14; sporidia ap-
pendiculigera, 28-32-7-8; in *Populo* in Fennia *M. immunda*
- Perithecia subcongesta, globosa; asci clavati vel cylindracei; spori-
dia 30-35 μ . longa; in petiolis *Piri* in Am. bor. **M. Semen*
- C* Sporidia 4-septata.
- § cauli-ramicolae vel culmicolae.
- a* perithecia glabra.
- Perithecia gregaria vel subsparsa, $\frac{1}{4}$ mm. d.; asci 65-75-12-14;
sporidia 18-22-6-7; in caulis *Inulinae* in Algeria *M. Inulinae*
- Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 60-70-20-24; sporidia 32-34-8;
in ramis *Abietis* in Am. bor. *M. squamata*
- Perithecia dense vel densissime gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 75-85
-15-18; sporidia 22-25-6-7; in ramis et foliis *Araucariae*, *Sa-*
rothamni, *Rhoiodendri*, *Evonymi* in California *M. californica*
- Perithecia innata, 150 μ . d.; asci 60-70-12; sporidia 20-22-5; in
foliis *Citri* etc. in Algeria. (Adsumt var. *Marcucciana* in culmis
Ampelodesmi in Sardinia; var. *calamina* in *Arundine* in Algeria;
var. *epipteridea* in stipitibus *Pteridis* in Am. bor. var. *Debeauxii*
in *Phoenice* in Am. bor.; et var. *anisometra* in caulis ramuli-
sque variis in Am. bor. Italia et Algeria *M. papulosa*
- Perithecia sparsa minuta, 150-200 μ . d.; asci 65-75-10-12; spori-
dia 25-28-4; in caule *Convallariae* in Belgio, Germania, Helvetia
et Italia *M. Bellynckii*
- Perithecia ut in *M. papulosa*; asci longiores; sporidia saepe 5-sep-
tata; in rachide *Phoenicis* in It. bor. **M. rachidis*
- Perithecia sparsa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 100-110-15-18; sporidia 25-
30-7-8; in *Salsola Kali* in Gallia *M. Kali*
- Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 75-85-12-14; sporidia 28-32-
8-10; in aculeis *Rosae caninae* in It. bor. *M. Caninae*
- Perithecia simplicia, sphaerico-depressa demum late perforata; asci
100-14-20; sporidia 30-10; in culmis *Arundinaceis* in Gallia **M. Craterium*
- Perithecia minuta; asci 70-110-13-15; sporidia 3-4-septata, 30-6-5;
in caulis *Primulae* in Shina **M. primulicola*
- Perithecia punctiformia; asci breves; sporidia 3-4-septata; in foliis
Hyperici in Nova Zelandia (Mihi dubia) **M. cryptospila*
- Perithecia sparsa, circ. 200 μ . d.; asci 65-75-11-13; sporidia 22-24
-4-5; in *Allio* in Serbia (aff. *M. Bellynckii* sed minor) **M. minor*
- b* Perithecia apice fasciculo setarum instructa.
- Perithecia sparsa $\frac{1}{4}$ mm. d.; asci 100-110-14-16; sporidia 26-29-7-9;
in caulis ramisque *Chondrillae* in Italia bor., Germania, et Am.
bor. (Adest var. *xerophila* in *Silene* et *Lycopside* in Gallia et Hollandia) *M. trichostoma*

§§ foliicolae.

- Perithecia innata, 150 μ . d.; asci 60-70 \times 12; sporidia 20-22 \times 5; in *Citro*, *Hedera* et *Smilaci* in Algeria (Adsunt var. *Marcucciana* in culmis *Ampelodesmi* in Sardinia; var. *calamina* in *Arundine mauritan* in Algeria, var. *epipteridea* in stipidibus *Pteridis* in Am. bor. var. *Deheauxii* in *Phoenice* in Liguria et var. *anisometra* in caulisbus ramulisque plantarum variar. in America bor. in Italia et Algeria *M. papulosa*
 Perithecia dense val densissime gregaria, $1\frac{1}{4}$ - $1\frac{1}{2}$ mm. d.; asci 75-85 \times 15-18; sporidia 22-25 \times 6-7; in foliis et ramulis *Araucariae*, *Sarothamni*, *Rhododendri*, *Evonymi* in California *M. californica*
 Perithecia secus nervos primarios sparsa, 250-260 μ . d.; asci 60-70 \times 23, e basi ventricosa sursum attenuati; sporidia inaequaliter didyma, parte superiori 12-14 \times 6-7, inferiori 8-9 \times 4,5-5; in *Smilace* in Coimbra (Mihi videter *M. papulosa*) **M. nervisequa*

D Sporidia transverse 5-6-septata.

§ In Acotyledoneis parasitace.

- Perithecia minutissima; asci oblongi; sporidia 22-26 \times 4; in squamis *Pannariae Lepidiotae* in It. bor. **M. Lepidiotae*

§§ In Monocotyledoneis parasitace.

- Perithecia globosa, 150 μ . d.; asci 99-150 μ . longi; sporidia fusiformi-nodosa, 30 \times 6; in culmis foliisque *Oryzae* in It. bor. **M. Oryzae*
 Perithecia 2-3-gregaria, vel solitaria, nudo oculo *Pucciniam aemulantia*; asci 60-65 \times 7-8; sporidia 18-20 \times 3-4; in foliis *Caricis* in It. bor. **M. puccinioides*
 Perithecia sparsa; asci clavati; sporidia (sec. icon.) 20 μ . longa; in cortice *Pandani* in insula Radack **M. Fur.*
 Perithecia sparsa, dein cum epidermide tota aufugentia; asci clavati; sporidia monosticha, (sec. icon.) 28-30 μ . longa; in cortice *Pandani* in insula Radack **M. profuga*
 Perithecia minutissima, conferte gregaria; asci 66 \times 22; sporidia 20-21 \times 3-4; in folio putri *Carludovicae* in Venezuela **M. palmicola*
 Perithecia crebre sparsa vel subgregaria; asci elongato-fusiformes, vel obclavati; sporidia 15-17,6 \times 5, apicibus acutis, 2-1,5 μ . crassis; in caulisbus *Geitonoplesii* in It. med. **M. platyspora*
 Perithecia minuta, epiphylla, sparsa; asci clavati; sporidia 30-35 \times 6; in foliis *Acori* in Britannia **M. acorella*
 Perithecia subsparsa, compresso-globosa; asci 70-75 \times 16-22; sporidia 18-24 \times 5-6; in seminibus vix maturis *Oryzae* in Friuli It. bor. **M. albescens*

\$\$\$ In Dicotyledoneis parasitace.

† Perithecia glabra.

- Perithecia sparsa, $1\frac{1}{4}$ mm. d.; asci 80-90 \times 8-10; sporidia 26-30 \times 4-5; in ramis *Piri* in Am. bor. *M. subcuteanea*
 Perithecia gregaria, 150-180; asci 80-90 \times 14-16; sporidia 20-24 \times 5-6; in *Foeniculo* in Am. bor. *M. brunnea*
 Perithecia sparsa, 300 μ . d.; asci 120-130 \times 70-75; sporidia 65-70 \times 19-22; sexseptata; in caule *Genistae* in Carniola *M. gigantaspora*

Perithecia sparsa, $\frac{1}{2}$ mm. d.; asci 150-160 \approx 18-20; sporidia 32-35 = 8-10; in caule exsiccato in It. bor.	<i>M. torulispora</i>
Perithecia sparsa, depresso-globosa; asci 90-120 \approx 15-18; sporidia 22-26 \approx 6-8; in caulibus <i>Chondrillae</i> in Germania	* <i>M. eburnea</i>
Perithecia minuta; asci . . . ; sporidia 3-5-septata, 23-25 μ . longa; in ramulis <i>Staphyleae</i> in Am. bor.	* <i>M. staphylina</i>
Perithecia gregaria, 0,2-0,3 mm. d.; asci cylindracei; sporidia 6-gut- tata; in ramis decorticatis <i>Vitis</i> in Slavonia	* <i>M. slavonica</i>
Perithecia minuta, vix emersa; asci 112 \approx 15; sporidia 25-30 \approx 5-6; in ramulis <i>Forsythiae</i> in It. bor.	* <i>M. Forsythiae</i>
Perithecia foliicola, in maculis suborbicularibus, rufido-brunneis, 4-10 mm. d., innato-erumpentia, 75 μ . d.; asci 50-60 \approx 8-10; spo- ridia 20-22 \approx 3; in foliis <i>Maclurae</i> in It. bor.	* <i>M. Maclurae</i>

†† Perithecia vertice fasciculo setarum instructa.

Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 65-75 \approx 12-14; sporidia 20-23 \approx 8-9; in caulibus herbarum in Am. bor.	<i>M. stictostoma</i>
Perithecia gregaria; asci 120-140 \approx 18-20; sporidia 25-37 \approx 10; in sar- mentis <i>Vitis</i> in It. bor.	<i>M. Cerletti</i>
Perithecia $\frac{1}{5}$ mm. d.; asci 90-100 \approx 18-20; sporidia 26-31 \approx 7-8; in caulibus <i>Origani</i> in Belgio	* <i>M. Origani</i>
Perithecia $\frac{1}{5}$ mm. d.; asci teretes; sporidia 36-48 \approx 3, dense 18-20- guttata; in cortice <i>Acerum</i> in Slavonia. (Mihi dubia)	* <i>M. Robergia</i>

E Sporidia 7-pluriseptata.

§ In Monocotyledoneis parasiticae.

Perithecia sparsa, $\frac{1}{7}\cdot\frac{1}{5}$ mm. d.; asci 60-70 \approx 20-24; sporidia ovoi- dea, 20-24 \approx 8-9; in <i>Junco</i> in Gallia	<i>M. crassiuscula</i>
Perithecia sparsa, fere astoma, 150-180 μ . d.; asci 55-65 \approx 10-12; sporidia 25-28 \approx 5-6; in foliis <i>Bromeliae serra</i> (vulgo <i>Caraguatá</i>) in Am. aust.	<i>M. Caraguatá</i>
Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 120-130 \approx 18-22; sporidia 28-32 \approx 8; in <i>Scirpo</i> in Tirolia	<i>M. scirpina</i>
Perithecia sparsa vel hinc inde gregaria, $\frac{1}{4}$ mm. d.; asci 100-120 \approx 14-18; sporidia 32-38 \approx 6-7; in tela e <i>Phormio</i> contexta in Gallia	<i>M. Roumegueri</i>
Perithecia subgregaria ostiolo subinde lophiostomaceo, vix $\frac{1}{2}$ mm. d.; asci 90-100 \approx 12-14; sporidia 28-32 \approx 6-7; in <i>Zea</i> , <i>Panico</i> et <i>Sa-</i> <i>bal</i> in It. bor. et Am. sept.	<i>M. hyalospora</i>
Perithecia minuta, globulosa; asci . . . ; sporidia 35-45 \approx 6,6-7; in foliis <i>Phormii</i> in Nova Zelandia	* <i>M. Lindsayana</i>
Perithecia sparsa, 180-200 μ . d.; asci 100-110 \approx 8-10; sporidia 19- 22 \approx 4; ad vaginas <i>Poae</i> in maritimis in Am. austr.	* <i>M. insularis</i>

§§ In Dicotyledoneis parasiticæ.

Perithecia crebre parsa; sci eximie clavati; 80-100 \approx 12; sporidia 25-30 \approx 5; in sarmientis <i>Vitis</i> in It. bor.	* <i>M. sarmenticola</i>
Perithecia sparsa e matrice latiuscula denigrata erumpentia, 250- 300 μ . d.; asci 75-100 \approx 17-20; sporidia 10-13-septata, 38-50 \approx 7-8; in culmis <i>Moliniae</i>	* <i>M. nigro-tingens</i>

Clavis analytica specierum generis « Sphaerulina »**A** Species minores (h. e. sporidia usque 30 μ . longa.)

§ Sporidia ovoidea vel ellipsoidea.

† Asci saccati.

a Sporidia triseptata.

Perithecia in soros collecta, superficialia, 60-90 μ . d.; asci 50-55 \times 20-25; sporidia bi-septata 18-20 \times 10-12; in foliis *Primulae* in Helvetia

S. primulicola

Perithecia minutissima; asci 45-75 \times 22-24; sporidia 22-25 \times 6-8; in baccis *Juniperi* in Tyrolia

S. baccarum

Perithecia sparsa, 0,2 mm. d.; asci 60-70 \times 30-38; sporidia 25-30 \times 10-15; in caulibus *Trifolii* in Tyrolia ad glacies aeternas

S. subglacialis

b Sporidia saepius vel demum quadri-quinqueseptata.

Perithecia gregaria; asci 38-45 \times 22-24; sporidia 16-20 \times 6-7; in caulis *Potentillae* in Islandia

S. Potentillae

Perithecia gregaria, 90-100 μ . d.; asci roseolati 40-50 \times 12-15; sporidia 16-20 \times 5-6, subinde murali divisa; in sarmentis *Rubi*, et ramis *Rosae* et *Corni* in Italia, Germania, Britannia et Gallia,

S. intermixta

Perithecia sparsa vel subgregaria; asci 35-63 \times 12-15 (subinde clavati) sporidia 12-15 \times 4-5; in ramis *Coriariae* in It. bor. (Videtur aff. *S. intermixtae*)

**S. Coriariae*

Perithecia subapproximata; asci 37-50 \times 15-18; sporidia 3-5-septata, 12,5 \times 2,5; in ramis *Pini* in Gallia. (Videtur aff. *S. intermixtae*) **S. Pini*

†† Asci cylindracei vel clavati.

Perithecia gregaria, $\frac{1}{6}$ - $\frac{1}{4}$ mm. d.; asci 45-55 \times 10-12; sporidia 14-16 \times 6-8; in ramulis *Ceanothi* in California

S. Ceanothi

Perithecia minutissima $\frac{1}{6}$ - $\frac{1}{8}$ mm. d., gregaria, in massam atram consociata; asci 40-50 \times 10-14 (subinde piriformes); sporidia 16-18 \times 5-6; in glumis *Iunci* in Tyrolia

S. inquinans

Perithecia gregaria, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 45-55 \times 10-12; sporidia 15-17 \times 5-6; in pag. super. folior. *Taxi* in Am. bor.

S. taxicola

Perithecia subglobosa, epiphylla; asci clavato-fusoidei; sporidia oblongo-cymbiformia, triseptata; in foliis *Liineae* in Britannia

**S. Leightoni*

Perithecia sparsa vel laxe gregaria; asci 62-70 \times 10-12,5; sporidia 17,5 \times 5; in ramulis *Camelliae* in Am. bor.

**S. Camelliae*

Perithecia minuta, gregaria; asci 75-120 \times 12; sporidia 5-7-septata 22-30 \times 7,5-8,5; in *Sambuco* in Am. bor.

**S. sambucina*

Perithecia plerumque gregaria, minuta; asci octospori; sporidia oblonga 1-3-septata; in *Cetraria* in Britannia et Fennia

**S. cetraricola*

§§ Sporidia fusoidea vel cylindracea, 5-septata.

Perithecia sparsa, 120 μ . d.; asci 35-45 \times 10-12; sporidia 16-20 \times 3-4; in foliis *Scabiosae* in Gallia

S. Boudieriana

Perithecia sparsa, 110 μ . d.; asci 44-55 \times 12-14; sporidia 22-26 \times 3-4; in caulibus *Succisae* in Gallia

S. umbilicata

Perithecia aggregata; minuta, 90-100 μ . d.; asci 60-80 \times 8-10; sporidia 28-30 \times 3-4; in foliis <i>Quercus</i> et <i>Fagi</i> in fere tota Europa et Amer. (Adsunt f. <i>serograptia</i> quoque in <i>Quercu</i> in Algeria et Gallia austr., et f. <i>Fraxinea</i> in foliis <i>Fraxini</i> in It. bor.)	<i>S. myriadea</i>
Perithecia gregaria; asci 70 \times 8-9; sporidia 28-30 μ . longa; in caulinibus <i>Arabidis</i> in Islandia	* <i>S. islandica</i>
Perithecia 120-150 μ . d., in maculis albo-griseis sparsa; asci 40-50 \times 6-7; sporidia 13-14 \times 5; in <i>Gilia</i> in Patagonia	* <i>S. Giliae</i>
Perithecia approximata, perekigua; asci cito diffuentes; sporidia oblongo-fusoidea 12-15 \times 3-5; in ramis <i>Staphyleae</i> in Gallia	* <i>S. Staphyleae</i>
Perithecia sparsa; asci 45 \times 9-12; sporidia 15 \times 2-3; in foliis <i>Caricis</i> in Japonia	* <i>S. Caricis</i>
Perithecia sparsa; asci subsessiles; sporidia 20-24 \times 4; in frondibus <i>Trichomanis</i> in Australasia	* <i>S. assurgens</i>
Perithecia sparsa, minima; asci clavati; sporidia 12 \times 2,5; in foliis <i>Todeae</i> in Nova Zelanda	* <i>S. Todeae</i>
B Species majores (h. e. sporidiis 40 et ultra μ . longa).	
Perithecia sparsa, 300 μ . d.; asci 160-190 \times 80-90; sporidia 56-72 \times 22-30; in foliis <i>Campanularum</i> in Carniola. (Adest var. <i>callista</i> in caulinibus <i>Alsines</i> in Tyrolia)	<i>S. pachyasca</i>
Perithecia sparsa, 200 μ . d.; asci 130-50; sporidia 60 \times 14; in <i>Ranunculo</i> in Nowaja Semlja	<i>S. Annae</i>

Clavis analytica specierum generis « *Hypospila* »

A Sporidia distincte bi-triseptata.	
§ Perithecia collo longiusculo, obliquo praedita.	
Perithecia subsparsa, epidermide utrinque bullatim inflata tecta; asci 100-115 \times 10-14; sporidia 48-55 \times 4-6; in foliis <i>Salicis</i> in Groenlandia	<i>H. groenlandica</i>
Perithecia sparsa, epidermide utrinque bullatim inflata tecta; asci 65-80 \times 10-12; sporidia 20-22 \times 4-5; in foliis <i>Quercus</i> in fere tota Europa et Am. bor.	<i>H. Pustula</i>
§§ Perithecia collo brevi vel obsoleto.	
Perithecia dense sparsa, demum concava; asci 60-65 \times 10-13; sporidia 18-22 \times 4-5; in foliis <i>Carpini</i> in Germania	<i>H. Rehmii</i>
B Sporidia uniseptata (imperfecte evoluta?)	
Perithecia convexa, parenchymate nigrificato immersa; asci 50-60 \times 10-12; sporidia 11-13 \times 3-4; in foliis <i>Quercus</i> in fere tota Europa	<i>H. bifrons</i>
Perithecia minuta, crusta tenui vix manifesta, tecta; asci 58-68 \times 7-9; sporidia 10-12 \times 5; in foliis <i>Quercus</i> in Germania et Britannia	<i>H. immunda</i>

Clavis analytica specierum generis « Bombardia » (1)

A Perithecia verticaliter evoluta, ovoidea, fasciculata, levia.

Asci 120-140 \approx 9-12 (p. sp.); sporidia tota 40-50 μ . longa, parte ovoidea et cauda continua; in lignis in fere tota Europa et America bor.

B. fasciculata

B Perithecia conoidea, setuligera, sparsa.

Asci 155-165 \approx 14-17, subsessiles; sporidia tota 55-70 \approx 5-6; parte ovoidea 3-septata, cauda 4-septata; in ligno *quercino* in It. bor. et Germania (?)

B. ambigua

Clavis analytica specierum generis « Lasiosphaeria » (2)

A Perithecia mycelio nigro cincta vel tecta.

† Sporidia continua.

§ Perithecia parce villosa.

Perithecia gregaria, $\frac{1}{2}$ mm. d.; basi tantum pilis radiantibus pallidis cincta; asci 120-140 \approx 12-16; sporidia 32-34 \approx 6-8; in ramis *Sorbi* in Fennia

L. sorbina

Perithecia subsparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d., verrucosa; asci 85-95 \approx 14-16; sporidia 18-22 \approx 5-6; in ligno *pineo* in Am. bor.

L. solaris

Perithecia gregaria rugosa, setis parcis cincta, $\frac{1}{4}$ mm. d.; asci 100-110 \approx 15-18; sporidia 30-34 \approx 6; in ramulis *Andromedae*

L. sublanosa

Perithecia caespitosa, stromate nigro inserta, $\frac{1}{3}$ mm. d.; asci 125-130 \approx 25-30 (p. spor.) sporidia 50-55 \approx 1-12; in corticibus « Ceyenna »

L. pseudo-bombarda

Perithecia gregaria vel aggregata, parce breviterque setosa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 80-90 \approx 12-15; sporidia 28-34 \approx 3,5-4, in caudam abrupte attenuata; in ligno *Padi?* in Fennia

L. breviseta

Perithecia sparsa vel gregaria, $\frac{1}{2}$ mm. d.; pilis brevibus laxe obsita; asci 100-110 \approx 10-12 (p. spor.), sporidia 32-35 \approx 4-5, pallidissime lutescentia; in ligno *Betulae* et *Pinorum* in Germania et Helv.

L. caudata

Perithecia sparsa, $\frac{1}{3}$ mm. d., longiuscula setigera, byssو carentia; asci 125-140 \approx 12-15; sporidia 48-50 \approx 4-5; in squamis *Pini* in Gallia

L. vilis

Perithecia sparsa, absque subicolo, pilis patentissimis tecta; asci 136 \approx 17; sporidia 65 μ . longa, hyalina; in ramis *Laricis* et *Rubi* in Germania et Britannia

**L. felina*

§§ Perithecia dense villosa, (h. e. byssо, vel mycelio atro, denso tecta.)

Perithecia gregaria, setis dematiaceis tecta, sursum calva, $\frac{1}{2}$ mm.

(1) Huc verisimiliter adscribendae sunt: *Lasiosphaeria Janus* et *L. subambigua* quas examinare nequivi.

(2) Mihi videntur expellendae: *L. erinaea*, *L. Sphagnorum*, *L. cirrhostoma*, *L. calva*, *L. nitrosa*, *L. acinosa*, *L. chloronema*, *L. papilionacea*, *L. setosa*.

- d.; asci 105-115 \times 12-15; sporidia 32-36 \times 5-6; in ligno *Carpini et Pinorum* in fere tota Europa *L. strigosa*
- Perithecia subsparsa, $\frac{1}{8}$ - $\frac{1}{2}$ mm. d.; asci 110-170 \times 16-18; sporidia 55-65 \times 4-5; in lignis mollissimis *Fagi*, *Coryli* etc. in Suecia, Germania, Italia, Gallia et Belgio *L. crinita*
- Perithecia gregaria, circiter 2 mm. d., ostiolo crasse quadrigibbosus; asci 170-200 \times 18-20 (p. spor. 120-150 μ . longa) sporidia 34-38 \times 8-11; in ramis *Tsugae Pattoniana* in Am. bor. *L. stuprea*
- Perithecia sparsa vel conferta, tomento-villosa; asci elongati; sporidia linearia viridulo-flava (continua?) 40-50 μ . longa; in ligno et foliis dejectis in Am. bor. **L. intricata*
- Perithecia confluentia, undique pilis tecta, tomento laxo cincta; asci . . . ; sporidia flexuosa, nucleata hyalina, 30-32 μ . longa; in linguis *cariosis* in Am. bor. **L. emergens*
- †† Sporidia 1-pluriseptata.
- a Sporidia cylindracea.
- § Perithecia villo fere carentia, vel parce vestita.
- Perithecia stipata, basi parum villosa, $\frac{1}{3}$ mm. d., astoma, rugosula; asci 140-160 \times 8-10; sporidia 18-22 \times 4; in truncis liguisque in fere tota Europa et Am. bor. *L. spermoides*
- Perithecia gregaria, vel subsparsa, ligno semiimmersa, $\frac{1}{2}$ mm. d.; asci 165-175 \times 16-18; sporidia 55-60 \times 5-6, demum pallide virescenti flaveola; in ligno mucido *Betulae* in Fennia *L. immersa*
- Perithecia gregaria, atro-villosa, asci clavati; sporidia cylindracea, superne inflata, dein uniseptata, 50 \times 10, loculo infero denique evanido et tum ellipsoidea, 25 \times 10; in frustulis ligneis in Gallia (Vix huius generis; aptius *Bombardia*) **L. subambigua*
- Perithecia gregaria vel sparsa $\frac{1}{2}$ mm. d., pilis deficientia; asci 224 \times 12; sporidia cylindracea seu subfusiformia, 5-7-septata, 80 \times 6, dilutissime fusca; in truncis *Pini* in Helvetia **L. Fuckelii*
- Perithecia setis exiguis paucis, conspersa vel subglabra, $\frac{1}{2}$ mm. d.; asci 150 \times 15; sporidia 50-55 \times 5, triseptata apice, paullulo incrassata, fuscescentia; in ligno putri in Belgio **L. rhynchospora*
- §§ Perithecia villo copioso vel setis tecta.
- a Sporidia semper hyalina vel subhyalina.
- Perithecia subsparsa, $\frac{1}{6}$ mm. d.; asci 150-160 \times 19-20; sporidia 65-70 \times 5-6; conidia helicoidea 30-33 μ . d.; in terra, in scobe et frustulis ligneis in Britannia *L. helicoma*
- Perithecia sparsa, superne setulis in annulum membranaceum, belliforme, deflexum coalitis ornata, 0,1 mm. d.; asci 150 \times 15-17; sporidia 60-105 \times 5-6, chlorino-hyalina, 13-17-septata; in cortice vetusto in Minas Geraes, Sitio **L. annulata*
- b Sporidia primo hyalina dein fuscescentia.
- Perithecia dense gregaria, $\frac{1}{2}$ mm. d.; asci 160-170 \times 16-18; sporidia 65-75 \times 6-8, diu hyalina dein fusco-umbrina; in truncis putridis in fere tota Europa et Am. bor. *L. hispida*

- Perithecia dense acervata, byssō densā tecta; $1\frac{1}{2}$ mm. d.; asci 160-175 \approx 14-17; sporidia 55-60 \approx 4-6; in ligno putri in fere tota Europa (Cfr. etiam var. *hirsuta*) *L. Rhacodium*
- Perithecia globoso-ovoidea dense piligera, $\frac{1}{4}$ mm. d.; asci jam resorpti; sporidia 65-70 \approx 5-6, hyalino-fuscidula (senescentia); in *Hypoxylo parasitica* « Cuba » *L. actinodes*
- Perithecia sparsa, dense hirsuta; asci 155 \approx 18; sporidia 55-70 \approx 4-5 diu hyalina continua, dein 1-septata, dilutissime fusca; in *Fraxino*, *Ulice* et *Pteride* in Belgio **L. elegans*
- Perithecia sparsa, $\frac{3}{4}$ mm. d.; asci 150 \approx 12; sporidia 50-60 \approx 4-5; in squamis *Abietis* « Malmedy prope Rhenan » Aptius ut var. *L. Rhacodium* habenda et var. *hirsutae* propinquā **L. rufiseda*
- Perithecia sparsa libera $1\frac{1}{2}$ - $\frac{3}{4}$ mm. d., pilis rigidis undique hirsuta; asci 140 \approx 14; sporidia 42-48 \approx 4-5, triseptata base sensim attenuata (ut in *L. caudata*) fuscidula; in ramulis decorticat. in Belgio. (Adest var. *sarmentorum* in *Vitalba* quoque in Belgio) **L. subcaudata*
- b* Sporidia fusoidea.
- §* Perithecia villo parco vestita.
- Perithecia sparsa, $\frac{1}{2}$ mm. d., basi pilis ramosis parcis cincta; asci 80-90 \approx 12-14 (p. spor.); sporidia 30-32 \approx 5-6, lutea; in chorda putri prope « Dublin » *L. Keithii*
- Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 120-130 \approx 12-14; sporidia 30-40 \approx 6-7, pallidissime fuscidula, loculis extimis hyalinis; in ligno *dejecto* in Am. bor. *L. caesariata*
- Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 150-160 \approx 16-20; sporidia 48-52 \approx 6-8 rufo-fuliginea, loculis extimis hyalinis; in truncis in Ceylon *L. hemipsila*
- Perithecia solitaria, minuta; asci clavati 90-100 \approx 10; sporidia 6-7-locularia, 30 \approx 4, hyalina, elongata, utrinque acuminate; in trunko *Quercus* « Ausburg » **L. Britzelmayri*
- Perithecia gregaria, minuta, parce piligera; asci 85 μ . longi; sporidia 3-5-septata, 15 μ . longa, hyalina; in lignis putrescentibus in Britannia **L. paucipilis*
- Perithecia conferta vel sparsa, semiimmersa, subiculo byssino basi cincta, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 75 \approx 12-15; sporidia longe fusiformia, 3-5-septata, 45-60 \approx 4, dilutissime flava; in basi foliorum *Stipae* in Gallia **L. Stipae*
- Perithecia superficialia, demum late perforata, 240 μ . d., mycelio repente cincta; asci 135 \approx 15; sporidia demum 3-septata, fusco-olivacea, 35-50 \approx 10-15, oblongo-ovata; in foliis *Sphagni* in Gallia **L. Sphagni*
- §§* Perithecia villo denso vestita.
- Perithecia sparsa, $\frac{1}{2}$ mm. d., pube dementiaceā fuligineā tecta; asci non visi; sporidia 38-40 \approx 6-7; in *Muscis* in It. bor. *L. muscicola*
- Perithecia sparsa $\frac{1}{4}$ mm. d.; setulis undique tecta; asci 80-90 \approx 7-8; sporidia 18-22 \approx 3-4; in ramulis *Catalpae* in It. bor. *L. Caput-Medusae*
- Perithecia byssō densā, atrā insidentia dein cupulata, $\frac{1}{3}$ mm. d.; asci 135-145 \approx 20-25; sporidia 50-56 \approx 7-9; in truncis in Am. bor. *L. Pezizula*

B Perithecia villo sulphureo, viridulo vel griseo tecta.

† Sporidia continua.

§ Sporidia ovoidea.

Perithecia pruina grisea (*stanned*) tecta, dense conferta, $\frac{1}{2}$ mm. d.; asci 90-100 \approx 7-8; sporidia 14-16 \approx 5-6; in lignis *Quercus* et *Fagi* in Suecia

L. stannea

§§ Sporidia cylindracea, saepe utrinque in appendiculam producta.

Perithecia subsparsa vel gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 150-170 \approx 12-16; sporidia 38-44 \approx 4-5. In lignis putridis in fere tota Europa Am. bor. et Australia

L. ovina

Perithecia sparsa, $\frac{1}{2}$ mm. d.; asci 180-200 \approx 12-15; sporidia 52-56 \approx 4-5; in culmis *Phalaridis arundinaceae* in Gallia

L. Libertiana (1)

Perithecia gregaria, $\frac{1}{2}$ - $\frac{2}{3}$ mm. d.; asci 170-180 \approx 15-18; sporidia 56-60 \approx 4-6; in trunco decorticato *Robiniae* in It. bor.

L. sulphurella

Perithecia 200-250 μ . d., contextu necriaceo, lanugine candida mox diffluente tecta; asci 140-150 \approx 8; sporidia 40-45 \approx 4, triguttata, hyalina; in fragmentis ligneis in It. bor. (Monte-Cavallo)

L. Montis-Caballi

†† Sporidia pluriseptata.

Perithecia laxe gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 300-320 \approx 22-24; sporidia 160-185 \approx 9-11; in cortice in « Australia »

L. larvispora

Perithecia erumpentia, dein superficialia, tomento denso, viridulo tecta, 2-3-subconnata; asci clavati vel cylindracei; sporidia cylindracea, triseptata, loculis duobus centralibus fere globosis, hyalinis, 35-45 \approx 7,5-10; in ligno *fagineo* in Am. bor.

L. viridicoma

Perithecia gregaria, furfuracea; asci..... non visi; sporidia 50 μ . longa, quasi eis *Bombardiae fascic.* similia (An hujus generis?). In ligno putri « Ceylon »

L. Janus

Clavis analytica specierum generis « Acanthostigma »

A Sporidia continua vel 1-2-septata.

Perithecia 75-100 μ . d.; superficialia, collapsa, setulis nigris divergentibus pulchre vestita; asci angusti fusoides; sporidia 62-75 μ . longa, plasmate subinde inedio partito (An demum pluriseptata?) in lignis in Am. bor.

**A. pulchrisetum*

Perithecia minima, globosa, pilis brevibus tecta; asci ovoidei 4-6 spori, 45 \approx 10; sporidia 40 \approx 4, unicellularia? (An demum pluricellularia?) in *Vaccinio* in Tyrolia

**A. erysiphoides*

Perithecia globosa, undique pilis longis, simplicibus tecta; asci clavati; sporidia ovoideo-elongata, bisepata; in foliis ramulisque pineis subnive

**A. nivale*

B Sporidia triseptata.

§ Species thallicolae.

(1) Potius var. *L. ovinae* habenda.

Perithecia sparsa, minuta, $\frac{1}{6}$ - $\frac{1}{4}$ mm. d.; asci 70-80 \times 12-15; sporidia 17-20 \times 6-7; in thallo *Peltigerae* in Helvetia

A. Peltigerae

§§ Lignicolae vel corticolae.

Perithecia sparsa vel lenissime gregaria 150-180 μ . d.; asci 25-30 \approx 10-12; sporidia 9-11 \approx 3-3.5; in ramis *Fagi* in Patagonia (An aptius sub *Chaetosphaeria censendum*?)

**A. imperspicuum*

Perithecia conferta, 90-120 μ . d.; asci 75 \times 8-9; sporidia 18-20 \times 4; in ramis *Fagi* in Gallia

**A. punctiforme*

Perithecia subsparsa, $\frac{1}{4}$ mm. d.; asci 90-100 \times 12-14; sporidia 25-30 \approx 5-7; in ramis decorticatis in It. bor.

A. affine

§§ Foliicolae vel caulincolae.

Perithecia sparsa, inaequalia; asci 70 \approx 10; sporidia 13-15 \times 2-2.5; in foliis *Sequoiae* in California

**A. Sequoiae*

Perithecia hypophylla, sparsa, 150-200 μ . d.; asci obovati, 4-6-spori; sporidia 15-16 \approx 3-3 $\frac{1}{2}$; in foliis *Magnoliae* in Am. bor.

**A. saccardoides*

Perithecia epiphylla 300-600 μ . d.; subastoma; asci 60 \approx 10; sporidia 12 \approx 3; in foliis *Hederae* in Gallia

**A. Hederae*

Perithecia globulosa, minuta, apice pertusa; asci 50 μ . longi; sporidia fusoidea, fumoso-grisea, 15-20 μ . longa, continua mox 2-3-septata; in foliis *Abietis* in Bavaria

**A. parasiticum*

Perithecia sparsa vel subgregaria, circ. 0.1 mm. d.; setis usque 0.4 mm. longis, flexuosis ornata, asci 74-90 \approx 8-9; sporidia disticha guttata vel triseptata; in caulis *Urticae* in Fennia

**A. longisetum*

Perithecia superficialia, subglobosa, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 75-100 \approx 7-10; sporidia 20-25 \approx 4-5; in caulis *Cirsii* et *Artemisiae* in Am. bor.

**A. occidentale*

C Sporidia quinqueseptata.

§ Thallicolae.

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{4}$ mm. d.; asci 60 \approx 10-11; sporidia 24-26 \approx 3-4; il thallo *Tapesiae* in Algeria bavarica

A. byssophilum

§§ Ligni-vel corticolae.

Perithecia subsparsa, $\frac{1}{3}$ mm. d.; asci 10-120 \times 6-8; sporidia 30-34 \approx 4-5; in cortice *Betulae* in Fennia

A. fennicum

Perithecia sparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 90-100 \times 18-22; sporidia 40-41 \approx 5-7; in lignis in Am. bor.

A. Clintonii

Perithecia subgregaria, $\frac{1}{4}$ - $\frac{1}{5}$ mm. d.; asci 65-75 \times 10-12; sporidia 22-25 \approx 4-5; in ligno *putri* in It. bor. et Am. bor.

A. perpusillum

Perithecia subgregaria, minuta, 100-120 μ . d.; asci 40-50 \approx 12-14; sporidia 22-26 \approx 3-3 $\frac{1}{2}$; in ligno decorticato *Salicis* in It. bor.

A. revocatum

Perithecia laxe gregaria, $\frac{1}{12}$ - $\frac{1}{10}$ mm. d.; asci 80-85 \times 15-16; sporidia 50-60 \approx 4-4 $\frac{1}{2}$; in culmis *Tritici* in It. bor.

A. pygmaeum

Perithecia minuta, globosa, lenticularia; 150-200 μ . sparsa, epiphylla; asci 50 \approx 18-19; sporidia 35 \approx 6-5.7. Ad folia *Eugeniae* in Brasilia

**A. guaraniticum*

§§ Culmicolae.

Perithecia sparsa, $\frac{1}{4}$ mm. d.; asci 50-60 \times 8-9; sporidia 32-36 \approx 2 $\frac{1}{2}$ -3; in culmis *Graminum minorum* in It. bor.

A. hispidulum

D Sporidia 7-pluriseptata.

Perithecia gregaria, $\frac{1}{4}$ mm. d.; asci 90-100 \times 10-14; sporidia 7-9; septata 42-46 \approx 4-5; in ligno udo in Am. bor.

A. Scopula

Perithecia sparsa, 120-130 μ . d.; asci 110-120 \times 14-16; sporidia 50-56 \approx 5-7, dein 7-9-septata; in lignis *quercinis* et *fagineis* in Helvetia et It. bor. (Adest var. *brachysporum* in *Quercu* in It. bor.)

A. minutum

Clavis analytica specierum generis « Zignoëlla »

A Sporidia imperfecte evoluta (continua, guttata; an deinde septata?)

§ Sporidia monosticha.

Perithecia gregaria, $\frac{1}{6}$ mm. d.; asci 45-50 \approx 4-5; sporidia 6-8 \approx 2-3; in ligno vetusto *Hypophaës* in Fennia et Germania

Z. pygmaea

Perithecia gregaria vel hic inde sparsa, $\frac{1}{6}$ - $\frac{1}{5}$ mm. d.; asci 85-95 \approx 6-7; sporidia 12 \approx 5; in ligno *fagineo* putri in Belgio

Z. groenendalensis

Perithecia $\frac{1}{4}$ mm. d.; gregaria; asci; sporidia 25-30 \approx 10-12; in lignis in Am. bor. (Ascis ignotis in sectione incerta)

Z. latericolla

Perithecia gregaria, $\frac{1}{4}$ - $\frac{1}{3}$ mm. d.; asci 52 \approx 8; sporidia 4-guttata, 12 \approx 4; in truncis *Fagi* in Germania

**Z. aterrima*

Perithecia minuta, gregaria; asci 40 \approx 45; sporidia 8 μ . longa; in stromate *Diatrypellae quercinae* in Britannia

**Z. ostioloides*

Perithecia semiimmersa, globosa, tandem cupulari-aperta, decentia; asci 150 \approx 15-20; sporidia 70 \approx 7, denique medio septata; in ramis *Ilicis Aquifolii* in Hollandia et Gallia. (An e genere amovenda?)

**Z. insculpta*

Perithecia sparsa vel hinc inde 2-4-gregaria, 350-400 μ . d.; asci 150-206 \approx 10-14; sporidia mono-vel disticha, 6-blasta 45-48 \approx 5-6; in ramis *Pernettiae* in Fuegia

**Z. leptosperma*

Perithecia sparsa; asci cylindracei; sporidia (ut videtur monosticha) 12 \approx 4, continua; in cortice interiore *arborum* in Australia (An hujus generis?)

**Z. subcorticalis*

§§ Sporidia disticha vel tristicha.

Perithecia sparsa, oblique evoluta, $\frac{1}{4}$ mm. d.; asci 80-100 \approx 7-9; sporidia 30-32 \approx 4; in cortice *Salicis* in Suecia

Z. obliqua

Perithecia sparsa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci clavati; sporidia 16-20 \approx 4-5; in ramis *Rosae* in Britannia

Z. rhodobapha

Perithecia conferta, stromate insidentia, collapsa, $\frac{1}{3}$ mm. d.; asci 70-80 \approx 8-11; sporidia 20-25 \approx 4-5; in ligno in Germania

Z. Archeri

Perithecia $\frac{1}{4}$ mm. d., gregaria; asci non visi; sporidia 25-30 \approx 10-12; in lignis in Am. bor. (Ascis ignotis, in sectione incerta)

Z. latericolla

Perithecia gregaria; asci clavati; sporidia 22-28 \approx 6; in sarmentis *Vitis* in Slavonia

**Z. Vitis*

Perithecia gregaria; asci cylindracei; sporidia subdisticha, quadri-nucleata, (34-36 \approx 12 sec. icon.) In *putaminibus* in Helvetia (?)

**Z. Dubyî*

Perithecia sparsa, minutissima; asci 30 \approx 6-7; sporidia 7 \approx 2-3, tri-nucleata; in lignis, quae purpureo tingit, in Borneo

**Z. tingens*

Perithecia sparsa vel laxe gregaria, 220-350 μ . d.; asci 110-120 \approx 6-7; sporidia 50-60 \approx 2-4, crasse 6-guttata; in ramis <i>Berberidis ilicifoliae</i> in Islandia	*Z. longispora
Perithecia sparsa vel hinc inde 2-1-gregaria, 350-400 μ . d.; asci 150-206 \approx 10-14; sporidia disticha vel monosticha, 45-48 \approx 5-6, 6-blasta; in ramis <i>Pernetiae</i> in Fuegia	*Z. leptosperma
Perithecia gregaria, $1\frac{1}{2}$ mm. d.; asci 91-14 \approx 18; sporidia 32-40 \approx 5-7, 4-6-guttata; in trunco <i>Carpini</i> in Slavonia	*Z. sociabilis
Perithecia 0,3 mm. d.; asci subcylindracei; sporidia (ut videtur di- sticha) 7 \approx 4, continua; in ramis decorticatis in Britannia (An hujus generis?)	*Z. dealbata
†† Species majores (h. est sporidiis 30 et amplius μ longis).	
Perithecia vix gregaria, $1\frac{1}{3}$ et fere $1\frac{1}{2}$ mm. d.; asci 140-160 \approx 16-18; sporidia 34-36 \approx 9-11; in ramis decorticatis <i>Salicis</i> in Gallia	Z. sequanica
Perithecia $1\frac{1}{2}$ mm. d.; subsparsa; asci 200 \approx 10; sporidia 30 \approx 6; in ligno corrupto in Am. bor.	Z. macrasca
Perithecia sparsa, $1\frac{1}{3}$ - $1\frac{1}{2}$ mm. d.; asci . . . non visi; sporidia (mo- nosticha?) 24-30 \approx 6-7; in ligno <i>Salicis</i> in Gallia. (Ascis ignotis in sectione incerta)	*Z. salicicola
§§ Sporidia disticha.	
† Species minores (h. est sporidiis usque 28 μ longis).	
Perithecia gregaria, $1\frac{1}{3}$ mm. d.; asci 45-50 \approx 10-12; sporidia 16-18 \approx 6-7,5; in ligno putri in Am. bor.	Z. exigua
Perithecia seriata, $1\frac{1}{6}$ mm. d.; asci 60-75 \approx 6-8; sporidia 16-18 \approx 3; in lignis in Britannia	Z. seriata
Perithecia dense gregaria, 100-120 μ . d.; asci 70-80 \approx 15-17; spori- dia 17-19 \approx 7-8; in cortice <i>Populi</i> in Gallia	Z. punctiformis
Perithecia sparsa, $1\frac{1}{3}$ mm. d.; asci 70-80 \approx 10-12; sporidia 18-22 \approx 5-6; in ramis <i>Pineis</i> in Britannia	Z. oblitterans
Perithecia subsparsa, $1\frac{1}{4}$ mm. d.; asci 50-60 \approx 10; sporidia 16-18 \approx 5-6; in cortice <i>Oleae</i> in It. bor.	Z. herbana
Perithecia crustaceo-conferta, $1\frac{1}{8}$ - $1\frac{1}{7}$ mm. d.; asci 55-65 \approx 7-8; spo- ridia 20-22 \approx 3-4; in ligno <i>Pini</i> in Fennia	Z. crustacea
Perithecia $1\frac{1}{8}$ - $1\frac{1}{7}$ mm. d.; asci 50-60 \approx 10-12; sporidia 17-19 \approx 5; in ligno <i>Piceae</i> in Fennia	Z. translucens
Perithecia sparsa, $1\frac{1}{3}$ mm. d.; asci 95-105 \approx 10-12; sporidia 22-25 \approx 4-5; in cortice in Sinis	Z. Maingayi
Perithecia sparsa, saepe ostiolo crasso, cylindraceo instructa, $1\frac{1}{4}$ mm. d.; asci 80 \approx 19; sporidia 17-20 \approx 6-7; in asseribus <i>Pineis</i> in Am. bor.	Z. soluta
Perithecia gregaria, basi ligno insculpta vel crusta stromatica tecta, $1\frac{1}{4}$ - $1\frac{1}{3}$ mm. d.; asci 100-110 \approx 6-7; sporidia 18-20 \approx 3,5; in truncis ramisque <i>Rosae</i> in It. bor.	Z. eutypoides
Perithecia sparsa, $1\frac{1}{6}$ - $1\frac{1}{7}$ mm. d.; asci 55-65 \approx 9-11; sporidia 16-19 \approx 5-5; in ligno vetusto in Fennia	Z. minutissima
Perithecia subsparsa, $1\frac{1}{4}$ - $1\frac{1}{3}$ mm. d.; asci 60-70 \approx 10-12; sporidia 16-18 \approx 4-5; in ligno <i>Lonicerae</i> in Iura Helvetiae	Z. Jurana

Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 65-75 \approx 15-16; sporidia 24-27 \approx 7-8; in ligno <i>Pini</i> in Helvetia	<i>Z. Morthieri</i>
Perithecia dense gregaria, $\frac{1}{3}$ mm. d.; asci 90-100 \approx 9-12; sporidia 25-28 \approx 4-5; in ligno et cortice <i>Coryli</i> , <i>Quercus</i> et <i>Betulae</i> in fere tota Europa et Am. bor. (adest var. <i>rumsaleensis</i> in ligno <i>quercino</i> in Fennia)	<i>Z. ovoidea</i>
Perithecia irregularia, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 100-110 \approx 10-12; sporidia 25-28 \approx 5-6; in <i>Moro</i> in Gallia	<i>Z. Mori</i>
Perithecia gregaria vel sparsa obtuso-conica, $\frac{1}{2}$ mm. d.; asci 124 \approx 8; sporidia 28 \approx 4; in ramis <i>Sambuci</i> in Germania	* <i>Z. conica</i>
Perithecia conferta; asci 88 \approx 8; sporidia 20 \approx 6; in ligno <i>quercino</i> in Germania	* <i>Z. papillata</i>
Perithecia sparsa, 0,4 mm. d.; asci 100-110 \approx 11-12; sporidia 18-26 \approx 6; in ligno <i>Populi</i> in Fennia	* <i>Z. emergens</i>
Perithecia majuscula; asci cylindracei; sporidia (disticha?) 25-30 \approx 8-10; in cortice <i>Sequoiae</i> in Am. bor.	* <i>Z. Sequoiae</i>
Perithecia laxiuscula 3-10-aggregata, 200-250 μ . d.; asci 90-100 \approx 9-12; sporidia 16-20 \approx 5-6; in trunco <i>Fagi</i> in Patagonia	* <i>Z. patagonica</i>
Perithecia sparsa vel hinc inde laxe gregaria, 180-200 μ . d.; asci 75-80 \approx 6-7; sporidia 16-17 \approx 3-3,5; in ligno <i>Fagi</i> in Suecia	* <i>Z. australis</i>
Perithecia sparsa, 0,2-0,4 μ . d.; asci 75-95 \approx 9-12; sporidia 18-22 \approx 4-6; in ligno <i>pineo</i> in Lapponia rossica	* <i>Z. Oudemansi</i>
Perithecia $\frac{1}{6}$ mm. d.; asci 50 \approx 6-7; sporidia 12-15 \approx 2 $\frac{1}{2}$ -3; in ligno <i>Vaccinii</i> in Am. bor.	* <i>Z. subvestita</i>
Perithecia sparsa vel hinc inde gregaria, 350-400 μ . d.; asci 55-65 \approx 15-20; sporidia 19-20 \approx 6-7; in truncis <i>fagineis</i> in Fuegia	* <i>Z. fuegiana</i>
Perithecia sparsa vel gregaria hysteriformia; asci clavato-cylindracei; sporidia 35 \approx 8; in ligno <i>quercino</i> in Am. bor.	* <i>Z. querceti</i>
Perithecia sparsa vel gregaria, 400 μ . d.; asci clavati, mox evanidi; sporidia 20-30 \approx 5; in truncis <i>Fagi</i> in Fuegia	* <i>Z. antarctica</i>
Perithecia late et dense gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci clavulati; sporidia 20-22 \approx 4-5; in ligno <i>Carpini</i> in Slavonia	* <i>Z. Haynaldii</i>
Perithecia dense gregeria, $\frac{1}{5}$ - $\frac{1}{3}$ mm. d.; asci tereti-clavulati; sporidia 20 \approx 6; in ligno <i>putri</i> in Slavonia	* <i>Z. ramenticola</i>
†† Species majores (hoc est sporidiis 30 et amplius μ . longis).	
Perithecia gregaria vel vix sparsa immersa, $\frac{1}{5}$ - $\frac{1}{4}$ mm. d.; asci 150-160 \approx 18-20; sporidia 34-36 \approx 6-7; in assere <i>pineo</i> in Fennia	<i>Z. immersa</i>
Perithecia gregaria, $\frac{1}{3}$ mm. d.; asci 135-145 \approx 10-12; sporidia 26-32 \approx 5-6; in ligno <i>Aceris</i> in Am. bor.	<i>Z. atrella</i>
Perithecia gregaria, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 105-120 \approx 16-18; sporidia 32-35 \approx 6-8; in cortice <i>Ulmi</i> et <i>Salicis</i> in Rhenogovia	<i>Z. corticola</i>
Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci... non visi; sporidia (disticha?) 24-30 \approx 6-7; in ligno <i>Salicis</i> in Gallia (Ascis ignotis, in sectione incerta)	* <i>Z. salicicola</i>

C Sporidia 4-pluriseptata.

§ Sporidia disticha.

† Perithecia gregaria

- Perithecia gregaria (rarius subsparsa) $\frac{1}{5}$ mm. d.; asci 60-70 \approx 12-14; sporidia quadrisepata, 22-24 \approx 4; in cortice *Betulae* in Sibiria *Z. nitidula*
- Perithecia gregaria, saepe collapsa, $\frac{1}{3}$ mm. d.; asci 120-130 \approx 12-15; sporidia 5-7-septata, 40-45 \approx 5-7; in *corticibus et lignis* in Britannia *Z. collabens*
- Perithecia laxe gregaria, $\frac{1}{3}$ mm. d.; asci 100-110 \approx 9-11; sporidia quinqueseptata, 20-25 \approx 5-7,5, in ligno *quercino* in It. bor. *Z. fallax*
- Perithecia dense gregaria, $\frac{1}{5}$ mm. d.; asci 100-110 \approx 12-14; sporidia 5-septata, 26-32 \approx 5-6; in ligno *quercino* in It. bor. *Z. dolichospora*
- Perithecia subgregaria, $\frac{1}{5}$ mm. d.; 100-110 \approx 7-9; sporidia 5-7-septata, 36-40 \approx 2-5-3; in ligno *fagineo* in It. bor. *Z. macrospora*
- Perithecia subgregaria, basi setis rigidis cincta; asci 60-100 \approx 15-20; sporidia 30-33 \approx 5-6, 9-pluriseptata; in ligno carioso in Abyssinia **Z. intermedia*
- †† Perithecia sparsa vel subsparsa.
- Perithecia sparsa, $\frac{1}{3}$ et fere $\frac{1}{2}$ mm. d.; verrucosa; asci 120-130 \approx 15-20; sporidia 32-35 \approx 8-10; in ligno *Oleae* in It. bor. *Z. Hanburyana*
- Perithecia sparsa, $\frac{1}{3}$ - $\frac{1}{2}$ mm. d.; asci 90-100 \approx 16-19; sporidia 36-40 \approx 8-9; in cortice *Populi* in Gallia *Z. populina*
- Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 90-100 \approx 15-17; sporidia 58-63 \approx 6-7, pluriseptata; in petiolis *Astrocaryi* in Brasilia *Z. Astrocaryi*
- Perithecia sparsa vel laxe gregaria, $\frac{1}{3}$ - $\frac{1}{4}$ mm. d., ostiolo longiusculo; asci 150-160 \approx 10-12; sporidia 27-28 \approx 6-7, pseudo-quinque-septata; in assere fabrefacto in Amer. merid. **Z. incerta*
- Perithecia discreta vel sparsim gregaria; asci 160-180 \approx 11; sporidia 5-8-nucleata, 25-28 \approx 7-8; in ligno arborum *Quercus* in Oelandia **Z. sexnucleata*
- Perithecia sparsa, vel parce coalescentia, $\frac{2}{3}$ mm. d.; asci 150-180 \approx 20; sporidia 5-7-septata 60-65 \approx 6,5; in caudicibus *Quercus* in Gallia **Z. megalospora*
- Perithecia solitaria, minuta; asci 90-100 \approx 10; sporidia 5-10-septata; 28-35 \approx 3,5-4; in trunco *Quercus* in Germania **Z. Britzelmayri*
- Perithecia sparsa, $\frac{1}{2}$ mm. d.; asci cylindracei; sporidia 5-7 septata, 40 \approx 4; in ligno nudo in Australia **Z. australica*
- §§ Sporidia monosticha.
- Perithecia sparsa, $\frac{1}{3}$ mm. d.; asci 150-170 \approx 9-10; sporidia pluriseptata 30-33 \approx 6-7; in ramulis decorticatis *Fraxini* in It. bor. *Z. nematasca*
- Perithecia sparsa vel vix gregaria, usque fere 1 mm. d.; asci 240-260 \approx 10; sporidia pluriseptata, 30-33 \approx 8; in ramis *Oleae* in Algeria *Z. scalaris*

Clavis analytica specierum generis « Calospora » (1)

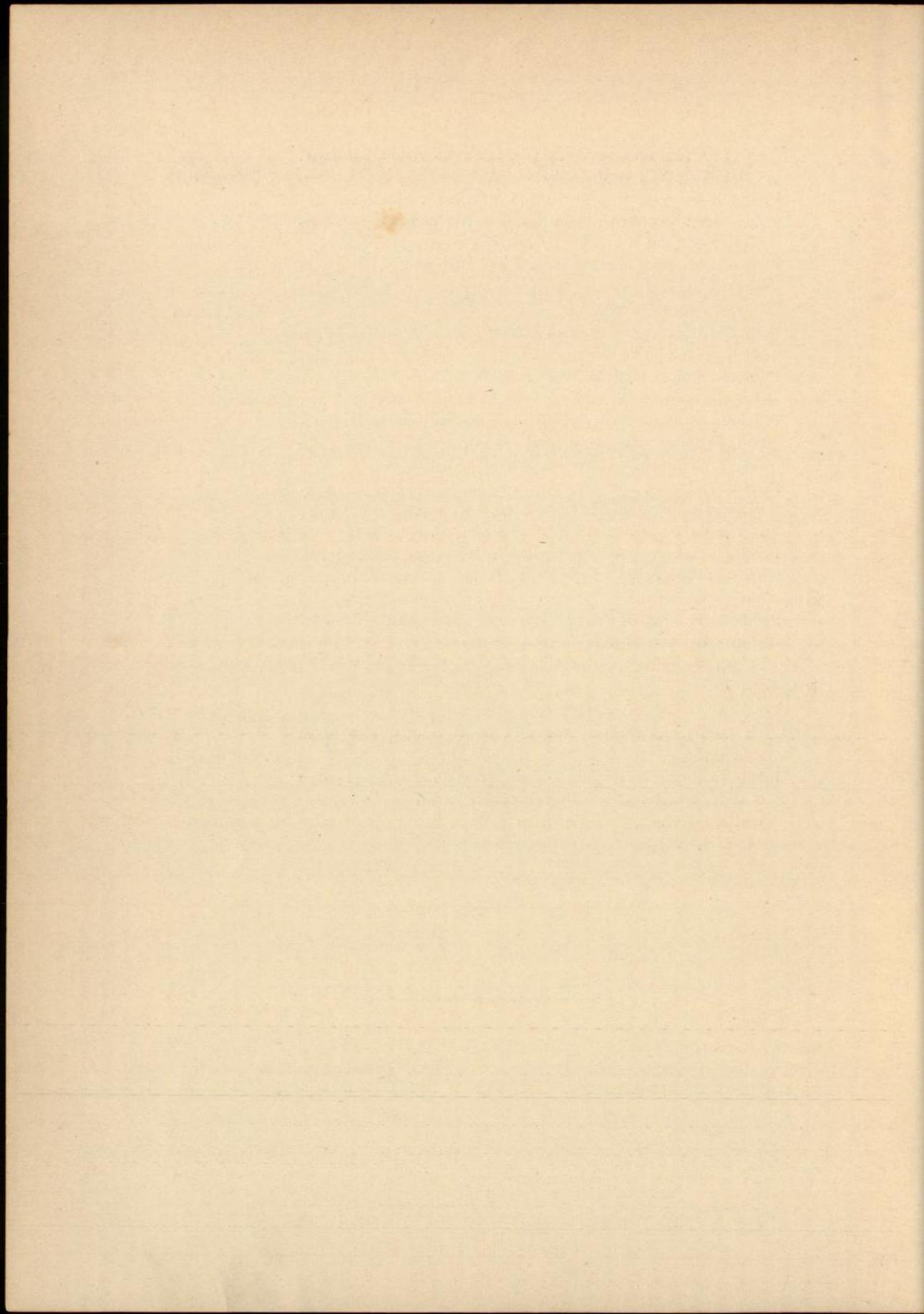
A Species sporidiis utrinque appendicula auctis.

§ Sporidia triseptata.

Perithecia corticola, circinantia, 4-1: in quoque stromate; asci 75-

(1) Claves generum *Winterella*, *Gnomoniopsis*, *Gryptoderis*, *Melanops* etc., quia monotypicorum, omittuntur.

- 90 \approx 14-16; sporidia 25-28 \approx 6-8; in ramis *Aceris* in Britannia,
Gallia, Germania et Hollandia *C. Platanoidis*
- Perithecia subcircinata; stroma disco erumpente, ostiolis exertis;
asci ampli; sporidia ex elliptico-fusoidea; in ramis *Pruni* in Germania (Mihi dubia; sec. cl. De Not. vix diversa a *C. Platan.*) **C. capsularis*
- Perithecia in stromate transversim erumpente; asci . . . non visi;
sporidia oblonga subinde una extremitate latiora, 25 μ . longa;
in ramis *Cerasi* in Am. bor. **C. pensylvanica*
- Perithecia irregulariter circinantia, stromate corticali tecta; asci . . .
non visi; sporidia triseptata; in cortice ramorum *Coryli* in Arduennis **C. secedens*
- Perithecia pauca, collis una erumpentibus, apice stellatis; asci . . .
non visi; sporidia fusiformia, brevia; in ramis *Rhois* in Am. bor. **C. gemmata*
- Perithecia stromate corticali, valsoideo immersa, circinantia; asci
90-105 \approx 15; sporidia fasoidea, 24-27 \approx 6-7, demum triseptata; in
ramulis junioribus, gelu tactis, *Fraxini* in Belgio **C. minuta*
- Perithecia globosa, 4-12 et ultra, absque stromate, aggregata, acer-
vulos valsiformes efficientia; asci 125 \approx 25; sporidia 45-55 \approx 12;
in ratis *Quercus* in Gallia (Affinis videtur *C. capsulari*) **C. arauiaea*
- Perithecia subcircinaria, in pustulas subcorticales collecta; 125-
150 \approx 17-18; sporidia 35-45 \approx 7-8; in ramulis *Quercus* in It. bor. **C. ambigua*
- SS** Sporidia quinqueseptata.
- Perithecia in stromate conoideo vario, majusculo, ostiolis longiu-
sculis; asci 55-70 \approx 9-11; sporidia 32-36 \approx 3-4 (et usque 40 μ .
longa); in truncis *Rhois* in Am. bor. **C. rhoina*
- B** Sporidia mutica.
- Perithecia stromate fuscescente immersa; asci 50-55 \approx 9-11; spori-
dia 15-17 \approx 4, saepe uniseptata; in truncis ramisque *Rhois* in
Am. bor. *C. aculeans*
- Perithecia in acervulos conicos, erumpentes collecta; asci 140-150
 \approx 16-18; sporidia 58-65 \approx 8-10; in ramis *Quercus* in Gallia, Bri-
tannia, Germania, Belgio et Italia *C. longipes*
-



REPERTORIUM SECUNDUM MATRICES

Specierum quae in hoc volumine continentur. ⁽¹⁾

Abies, Enchnosphaeria nigra	Pag. 104	Aconitum, Lophiotrema hungaricum	Pag. 5
Abies, Lophidium pachysporum	» 18	Aconitum, Metasphaeria rupicola	» 135
Abies, Metasphaeria squamaria. . . .	» 140	Acorus, Metasphaeria acorella	» 192
Abies, Schizostoma vicinellum	» 2	Adenostyles, Leptosph. Nitschkei	» 77
Abies, Acanthostigma parasiticum	» 200	Adathoda, Leptosphaeria Acanthi	» 164
Abies, Metasphaeria Aëcum	» 190	Aesculus, Lophidium inops	» 157
Abies, Kalmusia Abietis	» 184	Aesculus, Massaria Aesculi	» 24
Abies, Lasiosphaeria rufiseda	» 198	Aesculus, Thyridaria rubro-notata	» 45
Acer, Calospora Platanoidis	» 117	Agrostis, Leptosph. dactylina	» 83
Acer, Ceratosphaeria aeruginosa	» 90	Agrostis, Leptosphaeria sparsa	» 173
Acer, Ceratosphaeria lampadophora . .	» 90	Agrostis, Leptosph. Typharum	» 66
Acer, Leptosphaeria Diana	» 76	Ailanthus, Leptosph. eustoma f. Ailanthi . .	» 58
Acer, Lophiostoma Desmazierii	» 10	Ailanthus, Leptosph. eustoma v. endosphaeria .	» 58
Acer, Lophiostoma scelestum	» 14	Ailanthus, Lophiotr. massariooides	» 7
Acer, Massaria Aesculi	» 24	Ailanthus, Thyridaria rubro-notata	» 45
Acer, Massaria Destreae	» 158	Aira, Leptosph. lineolaris	» 80
Acer, Massaria inquinans	» 14	Aira, Leptosph. personata	» 60
Acer, Massaria lunulata	» 119	Aira, Metasphaeria anarithmoides	» 135
Acer, Melanomma Cubonianum. . . .	» 179	Alangium, Chaetosphaeria indica	» 177
Acer, Melanomma medium	» 33	Albizzia, Leptosph. eustoma f. marginalis . .	» 57
Acer, Metasphaeria Acerum	» 190	Albizzia, Thyridaria incurvans	» 45
Acer, Metasphaeria Robergia	» 193	Alisma, Leptosph. eustoma f. rivularis . .	» 58
Acer, Pseudovalsa stylospora	» 48	Alliaria, Leptosph. Sowerbyi	» 78
Acer, Thyridaria delognensis	» 185	Alyssum, Leptosph. maculans	» 69
Acer, Zignoella atrella	» 99	Alnus, Acanthostig. byssophilum	» 103
Achillea, Leptosph. Passerinii	» 169	Alnus, Lophidium deflectens	» 17
Achillea, Leptosph. Millefolii	» 83	Alnus, Lophiotrema auctum	» 7
Achillea, Leptosph. dolioloides	» 85	Alnus, Massarina alnicola	» 118
Achillea, Lophiost. Niessleanum	» 12	Alnus, Melanomma sanguinarium	» 33
Achillea, Leptosph. Ptarmicae	» 84	Alnus, Melomastia Friesii	» 120
Aconitum, Leptosph. Aconiti	» 61	Alnus, Pseudovalsa aucta	» 48
Aconitum, Leptosph. anthostomoides . .	» 85	Alnus, Pseudovalsa tubulosa	» 47
Aconitum, Leptosph. lasiosphaerooides	» 167	Alnus, Zignoella pygmaea	» 94

(1) Adnectuntur etiam matrices specierum quas examinare nequivi et quae, e diagnosi, genuinae videntur.

Alopecurus, Leptosph. Typharum . . .	Pag.	66	Arundo, Metasphaeria braterium . . .	Pag.	191
Alsines Sphaerulina pach. v. callista . . .	»	127	Arundo, Met. papul. f. calamina . . .	»	141
Allium, Metasphaeria minor . . .	»	191	Arundo, Rhynchosphaeria ceratospora . . .	»	40
Amygdalus, Melanom. nuclear. v. maius . . .	»	35	Asparagus, Leptosphaeria Asparagi . . .	»	160
Amygdalus, Melanomma pyrenogenum . . .	»	179	Asparagus, Leptosph. asparagina . . .	»	81
Amaranthus, Pocospaeria eriophora . . .	»	89	Asparagus, Leptosph. comatella . . .	»	76
Amelanchier, Lophiotr. pallidum . . .	»	150	Asparagus, Leptosph. eustoma f. punctoidea		55
Ammophila, Leptosph. Marram . . .	»	60	Asparagus, Leptosph. praeclarata . . .	»	75
Ammophila, Schizost. Ammophilum . . .	»	149	Asparagus, Leptosph. socialis . . .	»	63
Ampelodesmus, Met. papul. f. Marcucciana		141	Aster, Lophiostoma Niessleanum . . .	»	12
Ampelopsis, Lophiotrema affine . . .	»	6	Astrocaryum, Zignoella Astrocaryi . . .	»	101
Ampelopsis, Lophiotr. pygmaeum . . .	»	152	Andropogon, Leptosph. Puiggari . . .	»	168
Andromeda, Lasiosph. sublanosa . . .	»	110	Anser, Sporormia heptamera . . .	»	43
Andromeda, Leptosphaeria Andromedae . . .	»	165	Anser, Sporormia intermedia . . .	»	42
Andromeda, Leptosph. hyperborea . . .	»	64	Anthemis, Leptosph. dolioidea . . .	»	85
Andropogon, Leptosph. eustoma f. eustomoides		56	Avena, Metasphaeria Avenae . . .	»	187
Andropogon, Leptosph. herpotrichioides . . .	»	83	Baccharis, Leptosphaeria bicuspidata . . .	»	162
Andropogon, Leptosphaeria Ischaemi . . .	»	165	Baccharis, Melanomma seminis . . .	»	37
Andropogon, Leptosphaeria Michotii . . .	»	51	Bambusa, Melanomma tornatum . . .	»	35
Anamirta Leptosph. Harknessiana . . .	»	164	Bambusa, Metasphaeria fusariispora . . .	»	135
Angelica, Chaetosphaeria Angelicae . . .	»	177	Baptisia, Leptosph. comatella . . .	»	76
Angelica, Leptosph. conoidea . . .	»	61	Berberis, Leptosphaeria Berberidis . . .	»	163
Arabis, Metasphaeria Arabidis . . .	»	134	Berberis, Melanomma megalosporum . . .	»	37
Aralis, Sphaerulina islandica . . .	»	195	Berberis, Zignoella longispora . . .	»	202
Araucaria, Metasphaeria californica . . .	»	142	Berenicla, Sporormia antarctica . . .	»	183
Artemisia, Acanthostigma occidentale . . .	»	200	Betonica, Leptosph. agnita . . .	»	80
Artemisia, Leptosph. Artemisiae . . .	»	75	Betula, Acanthostigma fennicum . . .	»	102
Artemisia, Leptosph. caespitosa . . .	»	82	Betula, Bombardia fasciculata . . .	»	116
Artemisia, Leptosph. cervispora . . .	»	172	Betula, Chaetosphaeria pannicola . . .	»	176
Artemisia, Leptosphaeria dumetorum . . .	»	54	Betula, Lasiosphaeria caudata . . .	»	110
Artemisia, Leptosph. helminthospora . . .	»	82	Betula, Lasiosph. crin. v. crustacea . . .	»	111
Artemisia, Leptosph. purpurea . . .	»	71	Betula, Lasiosphaeria immersa . . .	»	113
Artemisia, Leptosph. Kalmusii . . .	»	85	Betula, Massaria Argus . . .	»	25
Artemisia, Lophiosphaeria anaxea . . .	»	3	Betula, Massarina eburnea . . .	»	119
Artemisia, Lophiost. caulium f. maius . . .	»	10	Betula, Melanomma Aspegrenii . . .	»	34
Artemisia, Lophiotr. Artemisiae . . .	»	6	Betula, Melanomma Carestiae . . .	»	180
Artemisia, Melomastia Friesii . . .	»	120	Betula, Melanomma subdispersum . . .	»	33
Artemisia, Melanomma tetononse . . .	»	181	Betula, Pseudovalsa aucta . . .	»	48
Artemisia, Metasphaeria brachiata . . .	»	189	Betula, Pseudovalsa lanciormis . . .	»	47
Artemisia, Metasphaeria metuloidea . . .	»	189	Betula, Zignoella nitidula . . .	»	99
Artemisia, Schizostoma vicinellum . . .	»	2	Betula, Zignoella ovoidea . . .	»	98
Artemisia, Stuartella sulcata . . .	»	184	Bocconia, Leptosphaeria Bocconiae . . .	»	54
Arundinaria, Caryospora Langloisii . . .	»	176	Bomplandia, Melanom. porphyrostomum . . .	»	179
Arundo, Leptosph. donacina . . .	»	59	Bos, Sporormia ambigua . . .	»	42
Arundo, Leptosph. recessa . . .	»	73	Bos, Sporormia commutata . . .	»	44
Arundo, Leptosph. rhodophaea . . .	»	77	Bos, Sporormia fimetaria . . .	»	44
Arundo, Lophiostoma Arundinis . . .	»	11	Bos, Sporormia gigantea . . .	»	43
Arundo, Lophiotr. culmiphragum . . .	»	6	Bos, Sporormia grandispora . . .	»	43
Arundo, Lophidium hygrophilum . . .	»	18	Bos, Sporormia herculea . . .	»	183
Arundo, Lophiosphaeria Schizostoma . . .	»	150	Bos, Spororm. intermed. . .	»	42

Bos, Sporormia megalospora . . .	Pag.	43	Carpinus, Ceratosph. lampadophora . . .	Pag.	90
Bos, Sporormia minima . . .	"	41	Carpinus, Chaetosphaeria pezizaformis	"	176
Bos, Sporormia pulchella . . .	"	42	Carpinus, Chaetosphaeria Saccardiana	"	177
Brachypodium, Leptosph. sylvatica . .	"	171	Carpinus, Hypospila Rehmii . . .	"	122
Brachypodium, Lophiostoma Brachypodii	"	154	Carpinus, Lasiosph. sorbina v. radiata	"	108
Brachypodium, Metasp. Brachypodii	"	132	Carpinus, Lasiosphaeria strigosa . . .	"	108
Brassica, Leptosph. eustoma f. olericola	"	58	Carpinus, Massarina microcarpa . . .	"	118
Brassica, Leptosph. Napi . . .	"	86	Carpinus, Melogramma vagans . . .	"	50
Brassica, Leptosph. Sowerbyi . . .	"	78	Carpinus, Metasp. depressa . . .	"	189
Bryza, Leptosph. Bryzae . . .	"	69	Carpinus, Metasp. sepincola . . .	"	133
Bromelia, Metasp. Caraguata . . .	"	145	Carpinus, Metasp. subsimilis . . .	"	189
Bromus, Leptosph. Typharum . . .	"	66	Carpinus, Ohleria rugulosa . . .	"	28
Broussonetia, Thyridaria incrustans . .	"	45	Carpinus, Pseudovalsa macrosperma . . .	"	48
Brunella, Leptosp. Brunellae . . .	"	163	Carpinus, Zignoella Hynaldii . . .	"	203
Buxus, Leptosp. melanommoides . . .	"	54	Carpinus, Titania Berkeleyi . . .	"	49
Cactus, Ceriospora bonaerensis . . .	"	174	Cascilla, Melan. porphyrostomum . . .	"	179
Calamagrostis, Leptosph. Fuckelii . .	"	73	Cassia, Leptosp. cassiaecola . . .	"	169
Calamagrostis, Leptosph. sparsa . . .	"	173	Cassinia, Gibberidea plagia . . .	"	90
Calamagrostis, Lophiotr. pusillum . . .	"	151	Cassiopes, Metasp. Cassiopes . . .	"	132
Calamagrostis, Met. anarithmoid. v. coccodes		136	Castanea, Chaetosp. parvula . . .	"	28
Calycotoma, Lophid. fraudolentum . .	"	157	Castanea, Lophiost. rhopaloides . . .	"	9
Calluna, Chaetosp. pileo-ferruginea . .	"	177	Castanea, Melanomma Gibellianum . .	"	178
Camellia, Leptosp. Camelliae . . .	"	163	Castanea, Metasp. involucralis . . .	"	128
Campanula, Leptosph. Plemeliana . . .	"	163	Catabrosa, Leptosp. algida . . .	"	161
Campanula, Sphaerulina pachiyasca . .	"	126	Catalpa, Lasiosp. Caput-Medusae . .	"	113
Camporhosma, Leptosph. serbica . . .	"	162	Cavia, Sporormia ambigua . . .	"	42
Camellia, Sphaerulina Camelliae . . .	"	194	Cavia, Sporormia leporina . . .	"	41
Capparis, Leptosph. fusispora . . .	"	55	Ceanothus, Sphaerulina Ceanothi . . .	"	124
Capra, Sporormia intermedia . . .	"	42	Celtis, Schizostoma tuyutense . . .	"	149
Capra, Sporormia lageniformis . . .	"	42	Cephalanthus Lophiostoma prominens . .	"	154
Capra, Sporormia octomera . . .	"	43	Cerasus, Melanomma lichenopsis . . .	"	37
Capreolus, Sporormia megalospora . .	"	43	Cerasus, Calosp. pensylvanica . . .	"	105
Carex, Leptosph. caricinella . . .	"	69	Cetraria, Sphaerulina cetrariecola . .	"	194
Carex, Leptosp. Caricis . . .	"	168	Chamaerops, Ceriosporella bicalcarata .	"	121
Carex, Leptosp. epicarecta . . .	"	165	Chamaerops, Leptosph. Magnusiana . .	"	54
Carex, Leptosp. folliculata . . .	"	159	Chamaerops, Met. papul. f. Debeauxii .	"	141
Carex, Leptosph. gigaspora . . .	"	70	Chenopodium, Leptosph. anthelmintica .	"	53
Carex, Leptosph. hemicrypta . . .	"	168	Chenopodium, Leptosph. inulta . . .	"	73
Carex, Lophiostoma collinum . . .	"	13	Chenopodium, Leptosph. nigricans . .	"	73
Carex, Metasp. Cumana . . .	"	131	Chenopodium, Pocosp. eriophora . . .	"	89
Carex, Metasp. macrotheca . . .	"	134	Chiliotricho, Lophiotr. australe . . .	"	152
Carex, Metasp. puccinioides . . .	"	192	Chiliotricho, Lophiotr. antarcticum . .	"	151
Carex, Sphaerulina Caricis . . .	"	195	Chiliotricho, Lophiotr. magellanicum .	"	152
Carya, Melanomma nuclearium . . .	"	35	Chondrilla, Leptosp. bella . . .	"	53
Carya, Metasp. corticola . . .	"	129	Chondrilla, Metasp. eburnea . . .	"	193
Caryophyllaceae, Leptosph. Sarazziniana	"	64	Chondrus, Leptosp. danica . . .	"	159
Carlina, Leptosph. anthophila . . .	"	62	Chorda, Lasiosp. Keithii . . .	"	114
Carlina, Metasp. Cynaracearum . . .	"	139	Chondrilla, Metasp. trichostoma . . .	"	142
Carludovica, Metasp. palmicola . . .	"	192	Coriaria; Sphaerulina Coriariae . . .	"	194
Carpinus, Bombardia fasciculata . . .	"	116	Corylus, Lophiotrema Coryli . . .	"	151

Corylus, Calospora secedens . . .	Pag. 205	Cornus, Melomastia Friesii . . .	Pag. 120
Cirsium, Acanthostigma occidentale .	» 200	Cornus, Metasphaeria Fiedlaeri .	» 139
Cirsium, Leptosph. corynespora .	» 71	Cornus, Metasphaeria sepincola .	» 133
Cirsium, Met. papul. f. anisometra .	» 142	Cornus, Sphaerulina intermixta .	» 124
Citrus, Leptosph. citricola . . .	» 77	Crataegus, Lophiostoma Desmazierii.	» 10
Citrus, Leptosph. Diana . . .	» 70	Crataegus, Lophiostoma fallax .	» 153
Citrus, Metasphaeria papulosa . .	» 140	Crataegus, Lophiost. quadrinucl. v. caespit. »	9
Cistus, Leptosphaeria Cisti . . .	» 169	Crataegus, Lophiost. quadrinucl. v. Rosae »	9
Cynanchum, Leptosph. umbrosa . .	» 71	Crataegus, Melanomma megalosporum »	37
Cynodon, Leptosph. dactylina . .	» 83	Crataegus, Metasphaeria sepincola .	» 133
Cynodon, Leptosphaeria pontiformis.	» 173	Crepis, Leptosphaeria sibirica . .	» 162
Cyperus, Leptosphaeria cyperina . .	» 166	Crithmum, Leptosph. rhopalispora .	» 81
Cyrrilla, Chaetosphaeria flavo-compta.	» 177	Cuniculus, Sporormia heptamera .	» 43
Cytispora, Melanops mirabilis . .	» 121	Cuniculus, Sporormia immersa .	» 183
Cytisus, Leptosph. eustoma f. Lucina	» 57	Cuniculus, Sporormia intermedia .	» 42
Cytisus, Lophiosphaera anaxea . .	» 3	Cuniculus, Sporormia Marchaliana .	» 183
Cytrus, Rhynchosphaeria longicollis.	» 40	Cuniculus, Sporormia minima . .	» 41
Cytisus, Massarina penicillata . .	» 118	Cuniculus, Sporormia pulchella .	» 42
Clematis, Leptosph. agminalis . .	» 67	Cuniculus, Sporormia variabilis .	» 183
Clematis, Ceriospora fusispora . .	» 174	Cupressus, Metasphaeria Cyparissi .	» 131
Clematis, Leptosph. haematites . .	» 61	Cupressus, Met. papul. f. anisometra »	142
Clematis, Leptosphaeria spectabilis .	» 70	Dactylis, Leptosph. dactylina . .	» 83
Clematis, Leptosph. Vitalbae . .	» 84	Dactylis, Metasphaeria recutita .	» 187
Clematis, Ohleria Clematidis . .	» 175	Daucus, Leptosph. comatella . .	» 76
Clematis, Lasiosphaeria subcaudata .	» 198	Daucus, Leptosph. clivensis . .	» 63
Clematis, Metasphaeria brachiata .	» 189	Dasylirion, Leptosphaeria Dasylirii .	» 160
Cocos, Metasphaeria cocogena . .	» 128	Desmodium, Metasphaeria distributa .	» 134
Coffea, Caryospora Coffeae . . .	» 176	Deutzia, Passeriniella dichroa . .	» 115
Coffea, Leptosphaeria coffeigena .	» 163	Deutzia, Lophiotrema vighefullense .	» 4
Collumia, Leptosph. Collumiae . .	» 65	Dianthus, Leptosph. leptospora .	» 63
Comptonia, Thyridaria Comptoniae .	» 46	Diatrypes, Lophiostoma floridanum .	» 153
Convallaria, Metasphaeria Bellynkii .	» 143	Diatrypes, Melanomma parasiticum .	» 178
Cora, Leptosph. Corae . . .	» 75	Diatrypella, Zignoella ostioloides .	» 201
Corallorrhiza, Leptosph. eust. f. Corallorrh.	» 56	Digitalis, Leptosph. Digitalis . .	» 69
Corylus, Chaetomastia pilosella . .	» 39	Diplotaxis, Leptosph. Napi . .	» 86
Corylus, Lasiosphaeria erinita . .	» 111	Doreynium, Leptosph. cucurbitarioides	» 162
Corylus, Leptosphaeria Avellanae .	» 162	Dracaena Met. pap. f. anisometra .	» 143
Corylus, Lophiostoma corylinum .	» 154	Draba, Leptosphaeria Drabae . .	» 174
Corylus, Massaria eburnoides . .	» 119	Dryas, Leptosphaeria Rehmiana .	» 163
Corylus, Melanomma Verrucaria . .	» 178	Dryas, Melanomma Dryadis . .	» 178
Corylus, Melogramma vagans . .	» 50	Dupontia, Leptosph. insignis . .	» 79
Corylus, Metasphaeria Coryli . .	» 135	Dupontia, Leptosp. vagans . .	» 67
Corylus, Metasphaeria sepincola .	» 133	Elodis, Metasphaeria palustris .	» 190
Corylus, Zignoella ovoidea . . .	» 98	Empetrum, Metasphaeria Empetri .	» 132
Cornus, Lophiostoma Corni . . .	» 153	Endiua Leptosph. Endiuae . .	» 64
Cornus, Massarina Corni . . .	» 119	Epilobium, Chaetosphaeria Crepini .	» 177
Cornus, Herpotrichia xestothele . .	» 107	Epilobium, Gnomoniopsis Chamaemori	» 93
Cornus, Leptosph. platycarpa . .	» 65	Epilobium, Herpotrichia chaetomioides	» 105
Cornus, Lophiostoma Desmazierii .	» 16	Epilobium, Leptosph. Bommeriana .	» 65
Cornus, Lophiostoma oreophilum .	» 11	Epilobium, Leptosph. Cadubriae .	» 174

Epilobium, Leptosph. cylindrospora . . .	Pag. 72	Fagus, Massaria fagicola . . .	Pag. 157
Equisetum, Leptosph. arvensis . . .	" 167	Fagus, Massarina eburnea . . .	" 119
Equisetum, Leptosph. Equiseti . . .	" 84	Fagus, Massarina lunulata . . .	" 119
Equisetum, Leptosph. hiemalis . . .	" 59	Fagus, Melanomma seminudum . . .	" 179
Equus, Sporormia ambigua . . .	" 42	Fagus, Melogramma spiniferum . . .	" 50
Equus, Sporormia lageniformis . . .	" 42	Fagus, Melogramma vagans . . .	" 50
Equus, Sporormia megalospora . . .	" 43	Fagus, Ohleria modesta . . .	" 175
Equus, Sporormia minima . . .	" 41	Fagus, Sphaerulina myriadea . . .	" 126
Eranthemum, Leptosphaeria Eranthemi . . .	169	Fagus, Zignoella antarctica . . .	" 203
Erianthus, Leptosph. orthogramma . . .	" 68	Fagus, Zignoella australis . . .	" 203
Erica, Leptosph. subiecta . . .	" 66	Fagus, Zignoella Campi-Sili . . .	" 96
Erica, Lophiosphaeria cristata . . .	" 4	Fagus, Zignoella fuegiana . . .	" 203
Erigeron Lophiosph. Erigerontis . . .	" 80	Fagus, Zignoella groenendalensis . . .	" 94
Eryngium, Leptosph. maculans . . .	" 69	Fagus, Zignoella macrospora . . .	" 100
Eryngium, Leptosphaeria vinosa . . .	" 172	Fagus, Zignoella patagonica . . .	" 203
Eryngium, Massaria eryngiana . . .	" 158	Farsetia, Leptosph. maculans . . .	" 69
Erysimum, Leptosph. Napi . . .	" 86	Festuca, Leptosph. eustomella . . .	" 70
Erythrina, Leptosphaeria aerea . . .	" 169	Festuca, Lophiostoma collinum . . .	" 13
Escallonia, Lophid. melanommoides . . .	" 157	Ferula, Metasphaeria ferulina . . .	" 131
Escallonia, Melanomma nigriseptum . . .	" 181	Ficus, Leptosph. Caricae . . .	" 65
Echinops, Lophidium Ritro . . .	" 156	Ficus, Kalmusia Fici . . .	" 184
Euphorbia, Leptosph. Euphorbiae . . .	" 67	Fimus, Leptosphaeria fimiseda . . .	" 54
Euphorbia, Leptosphaeria euphorbicola . . .	" 172	Fimus, (1) Sporormia . . .	" 41
Euphorbia, Lophiostoma Characieae . . .	" 154	Fourcroya, Leptosph. obtusipora . . .	" 72
Euphorbia, Metasphaeria Sacculus . . .	" 189	Fontanesia, Metasphaeria Fontanesiae . . .	" 137
Euphrasia, Metasphaeria coniformis . . .	" 136	Foeniculum, Leptosphaeria foeniculacea . . .	" 167
Eucalyptus, Chaetosphaeria ornata . . .	" 177	Foeniculum, Metasphaeria brunnaea . . .	" 144
Eucalyptus, Met. pap. f. anisometra . . .	" 142	Forsythia Metasphaeria Forsythiae . . .	" 193
Eucalyptus; Metasphaeria Molleriana . . .	" 190	Fraxinus, Calospora minutula . . .	" 205
Eugenia, Acanthostigma guaraniticum . . .	"	Fraxinus, Kalmusia Eutypa . . .	" 184
Eupatorium, Leptosph. agnita . . .	" 80	Fraxinus, Lasiosphaeria elegans . . .	" 198
Eupatorium, Leptosph. agnita v. ambigua . . .	" 80	Fraxinus, Leptosph. Fraxini . . .	" 170
Eupatorium, Melomastia Friesii . . .	" 120	Fraxinus, Melanomma lunarium . . .	" 178
Eustrephorus, Leptosphaeria australis . . .	" 170	Fraxinus, Melomastia Friesii . . .	" 120
Evonymus, Metasp. californica . . .	" 142	Fraxinus, Melanomma pertusum v. angl . . .	" 34
Evonymus, Metasphaeria papulosa . . .	" 140	Fraxinus, Melanomma Fraxini . . .	" 181
Fagus, Acanthostigma imperspicuum . . .	" 200	Fraxinus, Spororm. interm. v. lign . . .	" 42
Fagus, Acanthostigma punctiforme . . .	" 200	Fraxinus, Sphaerul. myr. f. fraxinea . . .	" 126
Fagus, Acanthostigma minutum . . .	" 104	Fraxinus, Thyridaria Fraxini . . .	" 46
Fagus, Bombardia fasciculata . . .	" 116	Fraxinus, Zignoella nematasca . . .	" 100
Fagus, Chaetomastia fuegiana . . .	" 175	Fuchsia, Lophiotr. magellanicum . . .	" 152
Fagus, Lasiosphaeria crinita . . .	" 111	Galega, Leptosph. carpogena . . .	" 74
Fagus, Lasiosphaeria stannea . . .	" 109	Galium, Leptosph. Aparines . . .	" 68
Fagus, Lasiosph. strig. v. canescens . . .	" 109	Galium, Leptosph. eustoma f. Molluginis . . .	" 56
Fagus, Lophiosphaera Bekausii . . .	" 3	Galium, Leptosph. gallicola . . .	" 63
Fagus, Massaria loricata . . .	" 24	Galium, Leptosph. Galiorum . . .	" 66
Fagus, Massaria macrospora . . .	" 25	Galium, Lophiotrema alpigenum . . .	" 7

(1) Cfr. nomen animalis in cuius sive species vegetat.

Galium, Metasphaeria Galiorum . . .	Pag. 137	Iris, Leptosph. eustoma f. parvula . . .	Pag. 58
Genista, Leptosphaeria Phiala . . .	» 162	Iris, Leptosph. heterospora . . .	» 67
Genista, Leptosphaeria fusispora . . .	» 55	Iris, Leptosphaeria Vectis . . .	» 168
Genista, Lophidium aromaticum . . .	» 17	Iris, Leptosphaeria Xiphii . . .	» 171
Genista, Lophidium Scorpis . . .	» 17	Iris, Metasphaeria iridicola . . .	» 187
Genista Metasphaeria tinctoria. . .	» 189	Iris, Metasphaeria Iridis . . .	» 187
Genista, Metasphaeria gigantaspora . .	» 144	Inula, Leptosph. rhopalispera . . .	» 81
Gentiana, Leptosph. sapeyensis . . .	» 70	Inula, Lophidium aromaticum . . .	» 17
Gentiana, Leptosph. umbrosa . . .	» 71	Inulina, Metasphaeria inulina . . .	» 140
Geitonoplesium, Metasphaeria platyspora »	191	Iasminum, Lophid. aromaticum . . .	» 17
Geranium, Leptosphaeria subcaespitosa »	171	Iasminum, Melomastia Friesii . . .	» 120
Geum, Lophiost. Niessleanum . . .	» 12	Juglans, Lophidium subgregarium . . .	» 157
Geum, Metasphaeria Gei . . .	» 189	Juglans, Lophiostoma elegans . . .	» 12
Gilia, Sphaerulina Giliae . . .	» 195	Juglans, Ohleria rugulosa . . .	» 28
Globularia, Lophiosphaera anaxea . .	» 3	Juglans, Thyridaria incrustans . . .	» 45
Globularia, Melanomma dubiosum . .	» 34	Juneus, Leptosph. hydrophila . . .	» 65
Graminaceae, Acanthostig. hispidulum	» 103	Juneus, Leptosph. iuncicola . . .	» 68
Graminaceae, Leptosph. culmicola . .	» 74	Juneus, Leptosphaeria iuncina . . .	» 55
Graminaceae, Leptosph. culmiphraga	» 84	Juneus, Leptosph. iunciseda . . .	» 67
Graminaceae, Leptosph. Hanzlinskyana	» 78	Juneus, Leptosph. maritima . . .	» 73
Graminaceae, Leptosp. pachycarpa . .	» 78	Juneus, Leptosphaeria Michotii . . .	» 51
Graminaceae, Lept. Ophiopog. f. Gram.	» 52	Juneus, Leptosph. norfolcia . . .	» 76
Graminaceae, Metasphaeria anarithmoides.»	131	Juneus, Metasphaeria crassiuscula . . .	» 145
Graminaceae, Metasphaeria neglecta »	134	Juncus, Metasphaeria Junei . . .	» 187
Hedera, Acanthostigma Hederae . . .	» 200	Juncus, Sphaerulina inquinans . . .	» 125
Hedera, Ceratosp. lampadophora . . .	» 90	Juniperus, Chaetomastia iuniperina . .	» 39
Hedera, Melomastia Friesii . . .	» 120	Juniperus, Enchnosphaeria nigra . . .	» 104
Hedera, Metasphaeria Hederae. . .	» 138	Juniperus, Metasphaeria saprophila . .	» 134
Hedera, Metasphaeria helicicola . . .	» 132	Juniperus, Sphaerulina baccarum . .	» 125
Hedea, Metasphaeria hederaefolia . .	» 190	Juniperus, Kalmusia inusta . . .	» 45
Heleocharis, Leptosph. norfolcia . .	» 76	Kalmia, Leptosphaeria Kalmiae . . .	» 164
Helianthus, Leptosph. concessa . . .	» 63	Koeleria, Leptosph. herpotrichioides . .	» 89
Helianthus, Leptosphaeria dumetorum	» 54	Lactuca, Leptosph. quadriseptata . . .	» 167
Helichrysum, Leptosph. Helichrysi . .	» 166	Lampsana, Leptosph. Galior. f. Lamps. »	» 66
Helichrysum, Lophiosphaera Helichrysi »	3	Lappa, Pocospaeria eriophora . . .	» 83
Helianthemum, Metasphaeria Helianthemi»	189	Larix, Leptosphaeria consobrina . . .	» 173
Helleborus, Leptosph. eustoma f. Lathonia»	57	Larix, Lasiosphaeria felina . . .	» 196
Hierochloes, Leptosphaeria fuegiana . .	» 160	Laserpitium, Leptosph. oreophila . . .	» 70
Hierochloes, Leptosph. Hierochloes . .	» 168	Laserpitium, Leptosph. spectabilis . .	» 70
Hypericum, Gnomoniops. Chamaem. v. mis.»	91	Lathyrus, Leptosphaeria Lathyri . . .	» 174
Hypericum, Leptosph. Hyperici . . .	» 80	Lathyrus, Leptosphaeria multiseptata .	» 85
Hypericum, Metasphaeria ocellata . . .	» 128	Lathyrus, Leptospha. Niessleana . . .	» 70
Hypoxylon, Lasiosphaeria actinodes . .	» 113	Lathyrus, Metasphaeria Lathyri . . .	» 137
Hyppophaes, Zignoella pygmaea . . .	» 94	Lavandula, Lophidium aromaticum . . .	» 17
Hypoxylon, Lophiotr. parasiticum . . .	» 151	Laurus, Lophidium nobile . . .	» 18
Hypericum, Metasphaeria cryptospila	» 191	Laurus, Metasphaeria nobilis . . .	» 139
Humulus, Leptosphaeria dumetorum	» 54	Leersia, Leptosphaeria Leersiae . . .	» 53
Humulus, Metasphaeria humulina . . .	» 189	Leersia, Metasphaeria Leersiae. . .	» 128
Ilex, Metasphaeria Lieuryana . . .	» 190	Lemanea, Leptosph. Lemaneae. . .	» 59
Ilex, Zignoella insculpta . . .	» 201	Lepidium, Leptosph. virginica . . .	» 78

Lepus, Sporormia affinis	Pag. 44	Melica, Leptosph. eustoma f. fuscidula	Pag. 58
Lepus, Sporormia ambigua	» 42	Melilotus, Leptosph. eustoma f. maior	» 55
Lepus, Sporormia corynespora	» 44	Melilotus, Leptosphaeria viridella	» 162
Lepus, Sporormia insignis	» 44	Melia, Thyridaria eutypoides	» 46
Lepus, Spororm. intermedia	» 42	Menispernum, Met. pap. f. anisometra	» 142
Lepus, Sporormia lageniformis	» 42	Mesembryanthemum, Met. pap. f. anisometra	142
Lepus, Sporormia leporina	» 41	Mimulus, Met. pap. f. anisometra	» 142
Lepus, Sporormia pascua	» 183	Molinia, Metasphaeria rubro-tingens	» 193
Libanotis, Leptosph. clivensis	» 63	Molinia, Schizostoma bellunense	» 149
Libanotis, Leptosph. spectabilis	» 70	Morus, Leptosph. fallax	» 73
Ligustrum, Melomastia Friesii	» 120	Morus, Lophidium fenestrale	» 18
Linnaea, Sphaerulina Leightoni	» 194	Morus, Lophiostoma elegans	» 12
Liriodendron, Metasp. Liriodendri	» 189	Morus, Lophiostoma Juli	» 15
Lonicera, Leptosph. Periclimeni	» 169	Morus, Lophiostoma perversum	» 10
Lonicera, Leptosph. Caprifolii	» 169	Morus, Massaria epileuca	» 25
Lonicera, Leptosphaeria dumetorum	» 54	Morus, Massaria olivacea	» 158
Lonicera, Lophiostoma perversum	» 10	Morus, Melanomma Passerinii	» 36
Lonicera, Lophiotrema alpigenum	» 7	Morus, Thyridaria incrassans	» 45
Lonicera, Metasphaeria helvetica	» 139	Morus, Zignoella Mori	» 99
Lonicera, Met. papul. f. anisometra	» 142	Musa, Leptosph. eustoma f. Musarum	» 58
Lonicera, Melomastia Friesii	» 120	Musa, Metasphaeria Cumanella	» 128
Luzula, Met. Cumana v. Iuzulina	» 131	Muscorum, Lasiosphaeria muscicola	» 113
Luzula, Metasphaeria Luzulae	» 130	Myrica, Massarina Myricae	» 120
Lonicera, Metasphaeria Lonicerae	» 191	Nardus, Leptosphaeria Nardi	» 74
Lonicera, Stuartella formosa	» 40	Nardus, Leptosphaeria pachytheca	» 160
Lonicera, Zignoella jurana	» 98	Nipa, Rhynchosphaeria Cesatiana	» 182
Lunaria, Leptosph. eustoma f. Lunariae	» 56	Nyssa, Lophidium minus	» 16
Luzula, Leptosph. epicalamia	» 72	Oenothera, Leptosphaeria argentina	» 164
Lycium, Leptosphaeria Lycii	» 164	Oenothera, Leptosph. Ellisiana	» 68
Lysimachia, Leptosph. umbrosa	» 71	Oenothera, Lophionema vermisporum	» 19
Lythrum, Leptosphaeria fusispora	» 55	Olea, Melanomma nuclearium	» 35
Lycopodium, Leptosphaeria Crepini	» 59	Olea, Melanomma nuclearium v. maius	» 35
Lycopodium, Leptosph. Campi-Sili	» 167	Olea, Melanomma Olearum	» 36
Lycopodium, Leptosph. licopodicola	» 80	Olea, Zignoella herbana	» 96
Lychnis, Lophiostoma caudatum	» 13	Olea, Zignoella Hamburiana	» 99
Lycopsis, Metasp. trichost. v. xerophila	» 143	Olea, Zignoella scalaris	» 101
Lycopodium, Metasphaeria Lycopodii	» 186	Onobrychis, Leptosphaeria fusispora	» 55
Lycopodium, Metasphaeria Plegmariae	» 186	Ophiopogon, Leptosph. Ophiopogonis	» 52
Magnolia, Acanthostigma Saccardooides	» 200	Opuntia, Leptosph. sicula	» 75
Magnolia, Leptosph. Yulan	» 77	Oryza, Leptosphaeria Cattanei	» 160
Maclura, Metasphaeria Maclurae	» 193	Origanum, Metasphaeria Origani	» 193
Marrubium, Leptosph. eustoma f. maior	» 55	Oryza, Metasphaeria albescens	» 192
Marattia, Metasphaeria caffra	» 136	Oryza, Metasphaeria Cattanei	» 187
Maytenum, Melanomma lophiostomoides	» 180	Oryza, Metasphaeria Oryzae	» 192
Medicago, Leptosphaeria Medicaginis	» 164	Oryza, Leptosphaeria Salvini	» 165
Medicago, Leptosph. Medicaginum	» 73	Ostrya, Melogramma vagans	» 50
Medicago, Leptosph. pratensis	» 68	Ovis, Sporormia corynespora	» 44
Medicago, Melanomma dubiosum	» 34	Ovis, Sporormia gigantea	» 43
Melampirum, Leptosph. suffulta	» 62	Ovis, Sporormia grandispora	» 43
Melandrium, Leptosphaeria Vahlii	» 169	Ovis, Sporormia intermedia	» 42

Ovis, Sporormia lageniformis . . .	Pag.	42	Phoenix, Metasphaeria rachydis . . .	Pag.	191
Ovis, Sporormia leptosphaeroides . . .	"	42	Phormium, Metasphaeria Lindsayana . . .	"	193
Ovis, Sporormia minima . . .	"	41	Physma, Metasphaeria leptogiphila . . .	"	186
Ovis, Sporormia octoloculata . . .	"	183	Philadelphus, Massaria Aesculi . . .	"	24
Ovis, Sporormia pascua . . .	"	183	Phlaeum, Metasphaeria culmifida . . .	"	129
Ovis, Sporormia pulchella . . .	"	42	Phoenix, Met. papul. f. Debeauxii . . .	"	141
Ovis, Sporormia Spegazziniana . . .	"	43	Phormium, Metasphaeria Roumegueri . . .	"	145
Oxalis, Leptosph. eustoma f. Aglaja . . .	"	57	Pinus, Acanthostigma niveale . . .	"	199
Oxyria, Leptosph. Oxyriæ . . .	"	162	Pinus, Ceratosph. crinigera . . .	"	91
Padus, Lasiosphaeria breviseta . . .	"	110	Pinus, Herpotrichia heterostoma . . .	"	107
Paliurus, Lophiostoma caudatum . . .	"	13	Pinus, Lasiosphaeria caudata . . .	"	110
Panicum, Metasphaeria hyalospora . . .	"	145	Pinus, Lasiosphaeria solaris . . .	"	108
Pandanus, Metasphaeria Fur . . .	"	192	Pinus, Lasiosphaeria strigosa . . .	"	108
Pandanus, Metasphaeria profuga . . .	"	192	Pinus, Lasiosph. strig. v. canescens . . .	"	109
Panicum, Metasphaeria stenotheca . . .	"	188	Pinus, Lasiosphaeria Fuckelii . . .	"	197
Pannaria, Metasphaeria Lepidiotae . . .	"	192	Pinus, Lasiosphaeria vilis . . .	"	111
Panicum, Metasphaeria Panicorum . . .	"	130	Pinus, Leptosph. acicola . . .	"	64
Panicum, Metasphaeria punctulata . . .	"	137	Pirus, Leptosph. eustoma f. Lucilla . . .	"	57
Parietaria, Leptosphaeria muralis . . .	"	53	Piptatherum, Leptosph. conimbricensis . . .	"	82
Parietaria, Leptosph. Parietariae . . .	"	60	Pirola, Leptosphaeria marginata . . .	"	170
Parmelia, Leptosph. Parmeliacum . . .	"	61	Pirus, Leptosph. Yulan v. Pomona . . .	"	77
Pastinaca, Leptosph. clivensis . . .	"	63	Pinus, Lophiostoma Pinastri . . .	"	154
Peltigera, Acanthostigma Peltigeræ . . .	"	102	Pirus, Lophidium gregarium . . .	"	18
Persica, Caryospora Putaminum . . .	"	26	Pirus, Lophiost. subcorticale . . .	"	14
Persica, Chaetom. curbitarioides . . .	"	175	Pistacia, Melomastia Friesii . . .	"	120
Persica, Lophiostoma Desmazierii . . .	"	10	Pinus, Massarina microspora . . .	"	118
Persica, Lophiost. endophaeum . . .	"	14	Pinus, Melanomma buelliodios . . .	"	33
Peltigera, Leptosph. rivana . . .	"	65	Pinus, Melanomma dubiosum . . .	"	34
Peucedanum, Leptosph. spectabilis . . .	"	70	Pinus, Melanomma Heufleri . . .	"	178
Pernettia, Lophiotr. fuegianum . . .	"	152	Pinus, Melanomma hydrophilum . . .	"	36
Pernettia; Melanomma australe . . .	"	179	Pinus, Melanomma surrectum . . .	"	34
Persica, Melanomma Fritzii . . .	"	180	Pinus, Melanomma megalosporum . . .	"	37
Pernettia, Zignoëlla leptosperma . . .	"	201	Pinus, Melanomma pleurostomum . . .	"	35
Pernettia, Zignoëlla sociabilis . . .	"	202	Pinus, Melanomma ramicolum . . .	"	178
Phalaris, Lasiosph. ovina f. Libertiana . . .	"	111	Pinus, Melanomma sparsum . . .	"	178
Phalaris, Leptosph. Fuckelii . . .	"	73	Pinus, Sphaerulina Pini . . .	"	194
Phleum, Leptosph. culmicol. v. Rousseliana . . .	"	74	Pinus, Zignoëlla Oudemansii . . .	"	203
Phoenix, Lophiotr. phyllophilum . . .	"	151	Picea, Zignoëlla translucens . . .	"	96
Phragmites, Leptosph. albopunctata . . .	"	76	Pinus, Zignoëlla crustacea . . .	"	96
Phragmites, Leptosph. arundinacea . . .	"	69	Pinus, Zignoëlla immersa . . .	"	98
Phragmites, Leptosphaeria eustoma . . .	"	55	Pinus, Zignoëlla Morthieri . . .	"	98
Phragmites, Leptosph. eustoma f. elaeosp. . .	"	58	Pinus, Zignoëlla oblitterans . . .	"	96
Phragmites, Leptosphaeria claviearpa . . .	"	173	Pinus, Zignoëlla prorumpes . . .	"	97
Phragmites, Leptosph. graminis . . .	"	173	Pinus, Zignoëlla soluta . . .	"	97
Phragmites, Lophiostoma dacryosporum . . .	"	13	Pirus, Metasphaeria subcutanea . . .	"	137
Phyllesia, Lophiotr. magellanicum . . .	"	152	Pirus, Metasphaeria Semen . . .	"	191
Physalis, Leptosphaeria Physalidis . . .	"	163	Platanus, Lasiosph. strig. v. canescens . . .	"	109
Phyteuma, Leptosph. Phyteumat. . .	"	76	Platanus, Leptosphaeria platanicola . . .	"	164
Phytolacca, Leptosph. Phytolaccae . . .	"	59	Plantago, Leptosph. austro-americana . . .	"	165
Phytolacca, Leptosph. Vitalb. v. clavigera . . .	"	85	Plantago, Leptosphaeria Cynopsis . . .	"	170

Plantago, Leptosphaeria Winteri . .	Pag. 171	Prunus, Melanomma subsparsum . .	Pag. 179
Plumbago Leptosphaeria Plumbaginis »	174	Prunus, Metasphaeria corticola . .	» 129
Plantago, Lophiostoma demissum . .	» 153	Prunus, Metasphaeria Peridermii . .	» 189
Platanus, Lophiotrema myriocarpum »	151	Prunus, Pseudovalsa umbonata . .	» 47
Platanus, Massaria Platani . .	» 25	Prunus, Thyridaria pulveracea . .	» 45
Platanus, Metasphaeria rubida. .	» 189	Prunus, Winterella tuberculigera . .	» 94
Platanus, Pseudovalsa convergens . .	» 48	Psamma, Chitonospora Ammophila . .	» 89
Platanus, Pseudovalsa haplocephalum .	» 48	Psamma, Leptospha. littoralis . .	» 19
Platanus, Pseudovalsa Kickxii . .	» 49	Psora, Metasphaeria Psorae . .	» 187
Platanus, Pseudovalsa bicornis. .	» 49	Pteris, Lasiosphaeria elegans . .	» 198
Populus, Kalmusia Eutypa . .	» 184	Pteris, Leptosphaeria aquilina , .	» 52
Poa, Leptospha. Typharum . .	» 66	Pteris, Leptospha. conoidea . .	» 61
Poa, Leptosphaeria sparsa . .	» 173	Pteris, Metasp. papul. f. epipteridea .	» 141
Poa, Met. culmif. f. Poae . .	» 129	Punica, Melanomma Granati . .	» 33
Poa, Metasphaeria insularis . .	» 193	Quercus, Acanthostigma minutum . .	» 104
Polytrichum, Leptospha. Heufleri . .	» 55	Quercus, Acanthost. minut. v. brachysp. »	104
Populus, Leptosphaeria Alcides . .	» 174	Quercus, Bombardia ambigua . .	» 116
Populus, Leptospha. conjugata . .	» 64	Quercus, Calospora ambigua . .	» 205
Populus, Leptospha. eustoma f. Salicinaria. »	57	Quercus, Caryospora callicarpa . .	» 26
Potentilla, Leptosphaeria minima . .	» 51	Quercus, Calospora longipes . .	» 117
Potentilla, Leptospha. pulchra . .	» 71	Quercus, Chaetosphaeria innumera . .	» 27
Populus, Lophidium aromaticum . .	» 17	Quercus, Hypospila bifrons . .	» 123
Populus, Lophidiopsis nuculoides . .	» 19	Quercus, Hypospila immunda . .	» 123
Populus, Lophiostoma Desmazierii . .	» 10	Quercus, Hypospila Pustula . .	» 122
Populus, Lophiost. macrostomoides . .	» 11	Quercus, Lasiosphaeria Britzelmayri. »	198
Populus, Lophiostoma perversum . .	» 10	Quercus, Lasiospha. strig. v. canescens »	109
Populus, Lophiotrema emergens . .	» 151	Quercus, Lasiosphaeria stannea . .	» 109
Populus, Lophiotrema vestitum . .	» 150	Quercus, Leptosphaeria dryophila . .	» 163
Populus, Melanomma populium . .	» 181	Quercus, Lophidium thyridioides . .	» 18
Populus, Melanomma Roumegueri . .	» 178	Quercus, Lophiosphaera heterostoma .	» 4
Populus, Metasphaeria immunda . .	» 136	Quercus, Lophiosphaera pulveracea .	» 4
Populus, Schizostoma vicinum . .	» 1	Quercus, Lophiosphaera quercti . .	» 2
Populus, Sporormia ticiensis . .	» 183	Quercus, Lophiostoma biforme . .	» 13
Potentilla, Sphaerulina Potentillae . .	» 124	Quercus, Lophiostoma isomerum . .	» 9
Populus, Zignoella emergens . .	» 203	Quercus, Lophiost. macrosporum . .	» 15
Populus, Zignoella pachyspora . .	» 97	Quercus, Lophiostoma parvulum . .	» 8
Populus, Zignoella populina . .	» 100	Quercus, Lophiotrema Glandium . .	» 151
Populus, Zignoella punctiformis . .	» 96	Quercus, Lophiotrema hysteroides .	» 4
Primula, Leptosphaeria Delawayi . .	» 167	Quercus, Lophiotr. Mollerianum . .	» 151
Primula, Metasphaeria primulicola . .	» 191	Quercus, Lophiotr. Stenogramma . .	» 151
Primula, Sphaerulina primulicola . .	» 123	Quercus, Melanomma mundum . .	» 36
Prunus, Calospora capsularis . .	» 205	Quercus, Melanomma pachyaseum .	» 37
Prunus, Lophiostoma Desmazierii . .	» 10	Quercus, Melanomma Passerinii . .	» 36
Prunus, Lophiostoma Pruni . .	» 9	Quercus, Ohleria rugulosa . .	» 28
Prunus, Lophiost. quadrinucle. v. caespit. »	9	Quercus, Pseudovalsa sigmaidea . .	» 47
Prunus, Lophiost. quadrinucle. v. Rosae »	9	Quercus, Pseudovalsa umbonata . .	» 47
Prunus, Massaria conspurcata . .	» 24	Quercus, Saccardoella montellica .	» 102
Prunus, Melanomma Aspergennii . .	» 34	Quercus, Sphaerulina myriadea .	» 126
Prunus, Melanom. nuclearium v. maius »	35	Quercus, Schizostoma montellicum .	» 2
Prunus, Melanomma rupefortense . .	» 180	Quercus, Schizostoma vicinum . .	» 1

Quercus, Sphaer. myr. f. serograptia.	Pag. 126	Robinia, Pseudovalsa profusa . . .	Pag. 47
Quercus, Spor. interm. v. lignicola .	» 42	Rosa, Sphaerulina intermixta . . .	» 124
Quercus, Stuartella formosa . . .	» 40	Rosa, Zignoella eutypoides . . .	» 97
Quercus, Zignoella dolichospora . . .	» 100	Rubus, Chaetosphaeria calostroma .	» 176
Quercus, Zignoella fallax . . .	» 100	Rubus, Chaetosphaeria callimorpha .	» 176
Quercus, Zignoella ovoidea . . .	» 98	Rubus, Cryptoderis lamprotheca .	» 93
Quercus, Zignoel. ovoid. var. Rumsalensis	» 99	Rubus, Chaetomastia hirtula . . .	» 39
Quercus, Zignoella Britzelmayri . . .	» 204	Rubus, Gnomoniopsis Chamaemori .	» 93
Quercus, Zignoella megalospora . . .	» 204	Rubus, Lasiosphaeria felina . . .	» 196
Quercus, Zignoella papillata . . .	» 203	Rubus, Leptosph. Coniothyrium . . .	» 61
Quercus, Zignoella querceti . . .	» 203	Rubus, Leptosphaeria fuscella . . .	» 65
Quercus, Zignoella sexnucleata . . .	» 204	Rubus, Leptosphaeria Hendersoniae .	» 53
Ramalina, Leptosphaeria Ramalinae .	» 54	Rubus, Leptosphaeria Thomasiana .	» 62
Ranunculus, Leptosphaeria Ranunculi	» 165	Rubus, Lophiostoma argentinum .	» 153
Ranunculus, Leptosph. Weberi . . .	» 68	Rubus, Lophiost. quadrinuel. v. dumetii	» 9
Ranunculus, Sphaerulina Annae . . .	» 127	Rubus, Lophiosphaera Fuckelii . . .	» 3
Reseda, Leptosph. Resedae . . .	» 69	Rubus, Metasp. clypeosphaerooides .	» 133
Rhamnus, Lophidium aromaticum . . .	» 17	Rubus, Melanomma rubinum . . .	» 179
Rhamnus, Lophiost. Desmazierii . . .	» 10	Rubus, Met. pap. f. anisometra . . .	» 142
Rhamnus, Lophiotr. massariooides . . .	» 7	Rubus, Metaspshaeria sepicola . . .	» 133
Rhamnus, Melanomma Granati . . .	» 33	Rubus, Sphaerulina intermixta . . .	» 124
Rhamnus, Melanomma megalosporum	» 37	Rudbeckia, Leptosphaeria Rudbeckiae	» 162
Rhinanthus, Metaspshaeria affinis . . .	» 136	Rumex, Leptosph. quadrisepata . . .	» 167
Rhizocarpon, Leptosphaeria polaris . . .	» 165	Rumex, Lophiotrema auctum . . .	» 7
Rhododendron, Melan. rhododendroph.	» 179	Ruscus, Leptosphaeria Rusci . . .	» 72
Rhododendron, Metasp. californica . . .	» 142	Ruscus, Leptosphaeria ruscicola . . .	» 166
Rhus, Calospora aculeans . . .	» 116	Ruscus, Melanomma Brunaudii . . .	» 177
Rhus, Calospora gemmata . . .	» 205	Sabal, Leptosphaeria sabalicola . . .	» 160
Rhus, Calospora rhoina . . .	» 116	Sabal, Metaspshaeria hyalospora . . .	» 145
Rhus, Lophidium Cotini . . .	» 156	Sabal, Metaspshaeria palmetto . . .	» 138
Rhus, Lophiotr. vagabundum var. radicans	» 5	Salicornia, Leptosphaeria Promontorii	» 162
Rhus, Thyridaria incrustans . . .	» 45	Salix, Acanthostigma revocatum . . .	» 104
Ribes, Leptosph. anceps . . .	» 53	Salix, Bombardia fasciculata . . .	» 116
Ribes, Leptosphaeria cladophila . . .	» 162	Salix, Ceratosph. aeruginosa . . .	» 90
Ribes, Leptosphaeria Ribis . . .	» 164	Salix, Ceratosph. pusilla . . .	» 91
Ribes, Melanomma australe . . .	» 179	Salix, Hypospila groenlandica . . .	» 122
Ribes, Pseudovalsa occulta . . .	» 46	Salix, Leptosphaeria Baggei . . .	» 169
Ribes, Stuartella formosa . . .	» 40	Salix, Leptosphaeria eustoma f. Salicinar .	» 57
Robinia, Lasiosphaeria sulphurella . . .	» 112	Salix, Leptosph. gillotiana . . .	» 64
Robinia, Leptosph. petiolicola . . .	» 83	Salix, Lophiodiopsis nuculoides . . .	» 19
Rosmarinus, Lophiostoma Stuartii . . .	» 12	Salix, Lophidium deflectens . . .	» 17
Rosmarinus, Lophidium aromat . . .	» 17	Salix, Lophiosphaera bonariensis . . .	» 150
Rosa, Leptosph. aculeorum . . .	» 83	Salix, Lophiostoma erosum . . .	» 11
Rosa, Leptosphaeria fuscella . . .	» 65	Salix, Lopiosphaera foroiliensis . . .	» 2
Rosa, Lophiost. quadrinuel. v. Rosae	» 9	Salix, Lophiostoma isomerum . . .	» 9
Robinia, Met. pap. f. anisometra . . .	» 142	Salix, Lophiost. macrostomoides . . .	» 11
Rosa, Massaria marginata . . .	» 26	Salix, Lophiost. macrost. v. septemsept. .	» 14
Rosa, Massarina polymorpha . . .	» 118	Salix, Lophiostoma Salicum . . .	» 14
Rosa, Metaspshaeria Caninae . . .	» 142	Salix, Lophiostoma turritum . . .	» 154
Rosa, Metaspshaeria corticola . . .	» 129	Salix, Lophidium purpurascens . . .	» 157

Salix, Lophiotrema littorale	Pag. 7	Scrophularia, Leptosph. Camilla	Pag. 77
Salix, Melanomma cinereum	» 33	Scrophularia, Lophiotrema Scrophulariae »	151
Salix, Melan. Hendersoniae	» 179	Secale, Leptosph. pontiformis	» 173
Salix, Melanomma Langloisii	» 36	Secale, Leptosphaeria Secalis	» 171
Salix, Melanomma taphrinoides	» 180	Senecio, Leptosphaeria setulosa	» 89
Salix, Melanomma truncatum	» 180	Senecio, Leptosph. clivensis	» 63
Salix, Melomastia Friesii	» 120	Senecio, Leptosph. deresa	» 82
Salix, Metasphaeria corticola	» 129	Senecio, Leptosph. dolioloides	» 85
Salix, Schizostoma vicinissimum	» 149	Senecio, Leptosph. Galiorum	» 66
Salix, Stuartella formosa	» 40	Senecio, Metasphaeria macrospora	» 191
Salix, Zignoella corticola	» 100	Senecio, Metasphaeria Senecionis	» 189
Salix, Zignoella obliqua	» 95	Selaginella, Leptosphaeria helvetica	» 52
Salix, Zignoella sequanica	» 98	Seseli, Leptosph. clivensis	» 63
Salix, Zignoella salicicola	» 203	Sequoja, Zignoella Sequoiae	» 203
Salsola, Leptosphaeria Lecanora	» 164	Silene, Leptosph. Silenes-acaulis	» 60
Salsola, Metasphaeria Kali	» 144	Silene, Leptosphaeria indepresa	» 163
Salvia, Leptosph. Salviae	» 86	Silene, Leptosphaeria sabanda	» 163
Salvia, Lophiost. Niessleanum	» 12	Silene, Met. trichost. v. xerophila	» 143
Salvia, Melanomma occidentale	» 181	Sium, Lophiotrema leucosporum	» 4
Sanguisorba, Leptosph. Sanguisorbae	» 78	Smilax, Metasphaeria nervisequa	» 192
Santolina, Lophidium aromat	» 17	Smilax, Metasphaeria papulosa	» 140
Santolina, Lophiostoma Stuartii	» 12	Solanum, Leptosph. comatella	» 76
Sambucus, Herpotrich. Schiedermayer	» 107	Solanum, Leptosphaeria sarmenticia	» 169
Sambucus, Kalmusia Ebuli	» 44	Solanum, Leptosph. Solani	» 63
Sambucus, Leptosphaeria dumetorum	» 54	Solidago, Leptosph. planiuscula	» 78
Sambucus, Leptosph. megalospora	» 86	Sorbus, Lasiosphaeria sorbina	» 108
Sambucus, Leptosph. rubicunda	» 68	Sorbus, Melanomma sanguinarium	» 33
Sambucus, Lophiost. caulinum f. Samb.	» 11	Sorghum, Leptosph. asparagin. f. grisea	» 81
Sambucus, Lophiostoma congregatum	» 13	Sorghum, Leptosph. amphibola	» 83
Sambucus, Lophiost. Niessleanum	» 12	Sorghum, Leptosphaeria eustoma	» 55
Sambucus, Massaria distincta	» 158	Sorghum, Metasphaeria anarithmoides	» 135
Sambucus, Melomastia Friesii	» 120	Sparganium, Metasphaeria Sparganii	» 187
Sambucus, Metasphaeria ambigua	» 131	Spartina, Leptosph. Spartinae	» 79
Sambucus, Sphaerulina sambucina	» 194	Spartina, Leptosphaeria sticta	» 170
Sambucus, Thyridaria Sambuci	» 46	Spartina, Metasphaeria marina	» 140
Sambucus, Zignoella conica	» 203	Spartina, Metasphaeria mosana	» 188
Sapindaceae, Enchnosp. spinulosa	» 105	Spartina, Passeriniella incarcerata	» 51
Sarothamnus, Lophiostoma Spartii	» 154	Spartium, Metasphaeria Spartii	» 189
Sarothamnus, Metasp. californica	» 142	Spartium, Leptosphaeria lusitanica	» 164
Sarracenia, Leptosph. scapophila	» 82	Spartium, Lophidium Spartii	» 156
Satureia, Leptosph. fallaciosa	» 82	Sphagnus, Lasiosphaeria Sphagni	» 198
Saxyfraga, Leptosphaeria monotis	» 172	Sphyriodium, Leptosph. Sphyridiana	» 159
Scabiosa, Sphaerulina Boudieriana	» 125	Spirea, Leptosph. Spireae	» 76
Scirpus, Leptosph. eustoma f. Apogon	» 56	Spirea, Leptosph. umbrosa	» 71
Scirpus, Leptosph. littoralis	» 79	Spirea, Lophiotrema Spireae	» 152
Scirpus, Leptosphaeria Michotii	» 51	Spirea, Metasphaeria sepincula	» 133
Scirpus, Leptosph. Micropogon	» 60	Sporobolus, Leptosph. Sporoboli	» 171
Scirpus, Leptosph. striolata	» 75	Staphylea, Leptosph. rubro-tincta	» 84
Scirpus, Metasphaeria Seirpi	» 140	Staphylea, Lophiostoma roseo-tinctum	» 153
Scirpus, Metasphaeria scirpina	» 145	Staphylea, Metasphaeria staphylina	» 193

Staphylea, Sphaerulina Staphyleae	Pag. 195	Triticum, Acanthostigma pygmaeum	Pag. 104
Steironema, Leptosph. Steironematis	» 66	Triticum, Leptosph. eustoma f. Tritic	» 56
Stipa, Lasiosphaeria Stipae	» 198	Triticum, Leptosph. pontiformis	» 173
Stellaria, Leptosphaeria Rostrupii	» 163	Trichomanes, Sphaerulina assurgens	» 195
Stellaria, Leptosphaeria salebricola	» 71	Trollium, Metasphaeria Trollii	» 128
Stellaria, Leptosphaeria Stellariae	» 163	Tsuga, Lasiosphaeria stuppea	» 110
Stellaria, Leptosphaeria uliginosa	» 165	Typha, Leptosph. eustoma f. Typhae	» 56
Stereum, Leptosphaeria fungicola	» 167	Typha, Leptosph. Kunzeana	» 66
Stereum, Leptosphaeria Porothelia	» 52	Typha, Leptosphaeria licatensis	» 74
Stereocaulon, Leptosph. apocalyptha	» 79	Typha, Leptosph. Typharum	» 66
Stereocaulon, Metasp. Stereocaulorum	» 187	Typha, Leptosph. typhicola	» 85
Stramen, Herpotrichia straminea	» 167	Typha, Metasphaeria lacustris	» 129
Succisa, Leptosph. Morthierana	» 79	Ulex, Ceriosporaella Patouillardii	» 121
Succisa, Sphaerulina umbilicata	» 126	Ulex, Lasiosphaeria elegans	» 198
Sus, Sporormia octomera	» 43	Ulmus, Ceratosph. lampadophora	» 90
Symporicarpus, Melomastia Friesii	» 120	Umus, Chaetosphaeria cupulifera	» 176
Syringa, Lophiostoma Desmazierii	» 10	Ulmus, Massaria foedans	» 23
Syringa, Lophiostoma fallax	» 153	Ulmus, Massaria Ulmi	» 24
Syringa, Melomastia Friesii	» 120	Ulmus, Melanomma sanguinarium	» 33
Syringa, Saecardioella transylvanica	» 102	Ulmus, Ohleria rugulosa	» 28
Sysimbrium, Leptosph. maculans	» 69	Ulmus, Pseudovalsa convergens	» 48
Tacsodium, Metasphaeria cavernosa	» 189	Ulmus, Spororm. interm. v. lign. . . .	» 42
Tamarix, Melanomma medium	» 33	Ulmus, Thyridaria rubro-notata	» 45
Tanacetum, Leptosph. dolioloides	» 85	Ulmus, Zignoella corticola	» 100
Tapesia, Acanthostigma byssophilum	» 103	Umbelliferae, Leptosph. rubicunda	» 68
Taxus, Sphaerulina taxicola	» 125	Umbelliferae, Metasphaeria Thwaitesii	» 130
Tecomia, Leptosph. eustoma f. carpophila	» 57	Umbellularia, Massaria pulchra	» 25
Tetrao, Sporormia octomera	» 43	Urtica, Leptosph. acuta	» 81
Tetrao, Sporormia Notarisii	» 41	Urtica, Leptosph. acutiuscula	» 86
Thalictrum, Leptosphaeria fusispora	» 55	Urtica, Acanthostigma longisetum	» 200
Thalictrum, Leptosph. quadrisepata	» 167	Urtica, Leptosph. conoidea	» 61
Theobroma, Melanom. Henriqueianum	» 179	Vaccinium, Acanthostigma erysiphoides	»
Thymus, Lophidium aromaticum	» 17	Vaccinium, Metasphaeria corticola	» 129
Thymus, Lophiostoma Stuartii	» 12	Vaccinium, Zignoella subvestita	» 203
Thymus, Lophiotrema Thymi	» 151	Valeriana, Leptosph. quadrisepata	» 167
Thypha, Leptosph. praeclar. f. typhiseda	» 75	Valeriana, Leptosph. spectabilis	» 70
Tilia, Lophiostoma Allescheri	» 154	Veronica, Leptosph. carpogena	» 74
Tilia, Thyridaria Texensis	» 185	Veronica, Leptosph. Galiorum	» 66
Tilia, Lophiostoma fallacissimum	» 10	Veronica, Leptosphaeria striata	» 171
Tilia, Lophiostoma nigricans	» 14	Viburnum, Leptosphaeria Tini	» 162
Tilia, Massarina micacea	» 118	Viburnum, Lophiostrichia Viburni	» 8
Tilia, Melanomma Passerinii	» 36	Viburnum, Melanomma crypticum	» 181
Tillandsia, Leptosphaeria aerea	» 169	Viburnum, Melomastia Friesii	» 120
Tofieldia, Leptosphaeria oreophila	» 70	Vinca, Metasphaeria Vincae	» 129
Tofieldia, Metasphaeria borealis	» 187	Viscum, Gibberidea Visci	» 89
Tortula, Leptosphaeria bryophila	» 52	Vitalba, Metasphaeria sepincola	» 133
Todea, Sphaerulina Todeae	» 195	Vitis, Lophiostoma stenostomum	» 153
Tragopogon, Leptosphaeriops. ophioboloides	» 89	Vitis, Metasphaeria sarmenticola	» 193
Trifolium, Sphaerulina subglacialis	» 125	Vitis, Metasphaeria slavonica	» 193
Trisetum, Leptosph. Typharum	» 66	Vitis, Zignoella Vitis	» 201

Vitis, Metasphaeria Cerletti . . .	Pag. 144	Vitis, Met. papul. f. anisometra . . .	Pag. 142
Vitis, Metasphaeria chaetostoma . . .	» 138	Vitis, Metasphaeria socia . . .	» 134
Vitis, Metasphaeria pampinea . . .	» 132	Xantoxylon, Lophidium obtectum . . .	» 156
Vitis, Leptosphaeria appendiculata . . .	» 169	Xerophyllum, Massarina hysteroides . . .	» 119
Vitis, Leptosphaeria cirricola . . .	» 169	Xerophyllum Metasphaeria Xerophylli . . .	» 138
Vitis, Leptosphaeria Cookei . . .	» 164	Yucca, Leptosphaeria filamentosa . . .	» 54
Vitis, Leptosph. eustoma f. vinealis . . .	» 56	Yucca, Leptosph. obtusispora . . .	» 72
Vitis, Leptosphaeria Gibelliana . . .	» 164	Zea, Leptosph. amphib. f. seriata . . .	» 83
Vitis, Leptosphaeria pampini . . .	» 162	Zea, Leptosphaeria interspersa . . .	» 171
Vitis, Leptosphaeria vitigena . . .	» 164	Zea, Leptosph. luctuosa . . .	» 80
Vitis, Lophiotrema ampelinum . . .	» 152	Zea, Leptosph. orthogramma . . .	» 68
Vitis, Lophiotrema alpigenum . . .	» 7	Zea, Leptosph. patelliformis . . .	» 61
Vitis, Lophiotr. Thuemenianum . . .	» 152	Zea, Metasphaeria hyalospora . . .	» 145



INDEX GENERUM

Acahostigma	Pag.	102	Lophiostoma	Pag.	8
Bombardia	»	115	Lophiotrema	»	4
Calespora	»	116	Lophiotricha	»	8
Caryospora	»	26	Massaria	»	23
Ceratosphaeria	»	90	Massarina	»	117
Ceriospora	»	29	Melanomma	»	30
Ceriosporella	»	121	Melanops	»	121
Chaetomastia	»	38	Melogramma	»	50
Chaetosphaeria	»	27	Melomastia	»	120
Chitonospora	»	89	Metasphaeria	»	127
Clypeosphaeria	»	26	Ohleria	»	28
Cryptoderis	»	93	Passeriniella	»	51
Enchnosphaeria	»	105	Pocospshaeria	»	89
Gibberidea	»	89	Pseudovalsa	»	46
Gnomonipsis	»	93	Rebentischia	»	29
Heptameria	»	30	Rhynchosphaeria	»	40
Herpotrichia	»	106	Saccardoëlla	»	102
Hypospila	»	122	Schizostoma	»	1
Kalmusia	»	44	Sphaerulina	»	123
Lasiosphaeria	»	108	Sporormia	»	41
Leptosphaeria	»	51	Sporormiella	»	VIII
Leptosphaeriopsis	»	88	Stuartella	»	40
Lophidiopsis	»	19	Titania	»	49
Lophidium	»	16	Thyridaria	»	45
Lophiella	»	1	Winterella	»	94
Lophionema	»	19	Zignoëlla	»	95
Lophiosphaeria	»	2			

GENERALIA DUBIA VEL EXCLUDENDA

Aglaospora id. ac Pseudovalsa; Trematosphaeria id. ac Melanomma; Winteria inter *Dicytosporas* censendum. Mihi dubia sunt Lophiella et Melanops.

INDEX ALPHABETICUS SYNONYMICUS

Sphaeriacearum Phaeo-et Hyalophragmiarum ⁽¹⁾

(Species charactere italicico sunt genuinae et in *Iconibus* illustratae. Species asterisco notatae, sed non cursive impressae, verisimiliter sunt genuinae, sed eas examinare nequivi. Nomina cursive impressa sunt *synonyma*. Species asterisco notatae et cursive impressae sunt e genere amovendae vel ex orbe mycetum expellendae, quia valde dubiae. Numeri romani tabulam, in qua species adumbrata est, indicant.)

A

<i>abbreviata</i> (<i>Leptosphaeria</i>) . . .	Pag. 124	<i>Aegira</i> (<i>Leptosphaeria</i>) . . .	Pag. 87
<i>abbreviata</i> (<i>Sphaeria</i>) . . .	» 124	<i>aequivocum</i> (<i>Lophiostoma</i>) . . .	» 33
* <i>Acanthi</i> (<i>Leptosphaeria</i>) . . .	» 87	* <i>aërea</i> (<i>Leptosphaeria</i>) . . .	» 87
* <i>Acanthigera</i> (<i>Lasiosphaeria</i>) . . .	» 115	<i>aeruginosa</i> (<i>Ceratosphaeria</i>) LXXXII . . .	» 90
* <i>Acerum</i> (<i>Metasphaeria</i>) . . .	» 146	<i>aeruginosa</i> v. <i>minor</i> (<i>Ceratosph.</i>) LXXXII . . .	» 90
* <i>Acetabulum</i> (<i>Sphaerulina</i>) . . .	» 127	<i>Aesculi</i> (<i>Massaria</i>) XII . . .	» 24
<i>acicola</i> (<i>Leptosphaeria</i>) L . . .	» 64	<i>affine</i> (<i>Acanthostigma</i>) c . . .	» 102
<i>acicola</i> (<i>Pleospora</i>) . . .	» 64	<i>affinis</i> (<i>Leptosphaeria</i>) . . .	» 136
* <i>acinosa</i> (<i>Lasiosphaeria</i>) . . .	» 115	<i>affinis</i> (<i>Metasphaeria</i>) CXLVI . . .	» 136
<i>Aconiti</i> (<i>Leptosphaeria</i>) XLVII . . .	» 61	<i>affinis</i> (<i>Sporormia</i>) XXXII . . .	» 44
* <i>acorella</i> (<i>Metasphaeria</i>) . . .	» 147	<i>aglaeostoma</i> (<i>Pseudovalsa</i>) . . .	» 49
<i>actinodes</i> (<i>Lasiosphaeria</i>) CXVI . . .	» 113	<i>Aglaja</i> (<i>Leptosphaeria</i>) . . .	» 57
<i>actinodes</i> (<i>Sphaeria</i>) . . .	» 113	<i>agminalis</i> (<i>Leptosphaeria</i>) LIII . . .	» 67
<i>aculeans</i> (<i>Calospora</i>) CXXI . . .	» 116	* <i>agminalis</i> (<i>Metasphaeria</i>) . . .	» 146
<i>aculeans</i> (<i>Cryptospora</i>) . . .	» 116	<i>agnita</i> (<i>Leptosphaeria</i>) LXXI . . .	» 80
<i>aculeans</i> (<i>Sphaeria</i>) . . .	» 116	<i>agnita</i> v. <i>ambigua</i> (<i>Leptosph.</i>) LXXI . . .	» 80
<i>aculeata</i> (<i>Chaetomastia</i>) XXIV . . .	» 39	<i>agnita</i> v. <i>Erigeronitis</i> (<i>Leptosph.</i>) . . .	» 80
<i>aculeatum</i> (<i>Melanomma</i>) . . .	» 39	<i>agnita</i> (<i>Sphaeria</i>) . . .	» 80
<i>aculeorum</i> (<i>Leptosphaeria</i> LXXV) . . .	» 83	<i>Ailanthe</i> (<i>Leptosphaeria</i>) . . .	» 58
* <i>Acum</i> (<i>Metasphaeria</i>) . . .	» 146	<i>Ailanthe</i> (<i>Thyridaria</i>) . . .	» 45
<i>acuta</i> (<i>Leptosphaeria</i>) . . .	» 86	* <i>alba</i> (<i>Metasphaeria</i>) . . .	» 147
<i>acuta</i> (<i>Leptosphaeria</i>) LXXII . . .	» 81	* <i>albescens</i> (<i>Metasphaeria</i>) . . .	» 147
<i>acuta</i> (<i>Pleospora</i>) . . .	» 81	* <i>albidostoma</i> (<i>Herpotrichia</i>) . . .	» 108
<i>acuta</i> (<i>Sphaeria</i>) . . .	» 81	<i>albocincta</i> (<i>Sphaeria</i>) . . .	» 98
<i>acutiuscula</i> (<i>Leptosphaeria</i>) LXXX . . .	» 86	<i>albocincta</i> (<i>Zignoella</i>) . . .	» 98
* <i>acutum</i> (<i>Melanomma</i>) . . .	» 41	<i>albopunctata</i> (<i>Leptosphaeria</i>) LXIV . . .	» 76
<i>acutum</i> (<i>Melanomma</i>) . . .	» 38	<i>albopunctata</i> (<i>Sphaeria</i>) . . .	» 76
* <i>adjuncta</i> (<i>Zignoella</i>) . . .	» 100	<i>Alaterni</i> (<i>Requierella</i>) . . .	» 37

(1) Pro indice *Lophiostomacearum* fr. p. 20.

<i>Alaterni (Trematosphaeria)</i>	.	Pag.	37	<i>Aparines (Leptosphaeria)</i>	LIV	.	Pag.	68
* <i>Alcides (Leptosphaeria)</i>	.	»	87	<i>Aparines (Pleospora)</i>	.	.	»	68
<i>algeriensis (Metasphaeria)</i>	.	»	142	* <i>apiculata (Metasphaeria)</i>	.	.	»	146
* <i>algida (Leptosphaeria)</i>	.	»	87	<i>apocalypta (Leptosphaeria)</i>	LXVIII	.	»	79
* <i>aliquanta (Clypeosphaeria)</i>	.	»	27	<i>apocalypta (Xenosphaeria)</i>	.	.	»	79
<i>Alliariae (Leptosphaeria)</i>	.	»	78	<i>Apogon (Leptosphaeria)</i>	.	.	»	56
<i>alnicola (Calospora)</i>	.	»	118	* <i>appendiculata (Leptosphaeria)</i>	.	.	»	87
alnicola (Massarina) CXXIII	.	»	118	* <i>applanatum (Melanomma)</i>	.	.	»	38
<i>alpina (Massaria)</i>	.	»	26	<i>Aquilegiae (Metasphaeria)</i>	.	.	»	133
<i>alpinum (Melanomma)</i> xx	.	»	32	<i>aquila (Leptosphaeria)</i>	XXXVIII	.	»	52
<i>ambigua (Bombardia)</i> cxx	.	»	116	* <i>aquilina (Sphaerella)</i>	.	.	»	52
* <i>ambigua Calospora</i>	.	»	205	<i>Arabidis (Metasphaeria)</i>	CXLIII	.	»	134
<i>ambigua (Lasiosphaeria)</i>	.	»	116	* <i>araneosa (Trematosphaeria)</i>	.	.	»	38
<i>ambigua (Metasphaeria)</i> CXXXIX	.	»	131	* <i>arausiaca (Calospora)</i>	.	.	»	117
<i>ambigua (Sporormia)</i> XXVIII	.	»	42	<i>Archerii (Sphaeria)</i>	.	.	»	95
<i>amblyspora (Sphaeria)</i>	.	»	23	<i>Archerii (Zignoella)</i>	LXXXVI	.	»	95
<i>Ammophila (Chitonospora)</i> LXXXI	.	»	81	<i>arcuata (Sphaeria)</i>	.	.	»	117
<i>Ammophilae (Leptosphaeria)</i>	.	»	79	* <i>argentina (Leptosphaeria)</i>	.	.	»	86
<i>amphibola (Leptosphaeria)</i> LXXIV	.	»	83	<i>Argus (Massaria)</i> XIV	.	.	»	25
<i>amphibola f. seriata (Leptosph.)</i> LXXIV	.	»	83	<i>Argus (Sphaeria)</i>	.	.	»	25
<i>anarithma (Leptosphaeria)</i>	.	»	135	<i>Artemisiae (Leptosphaeria)</i>	LXIII	.	»	75
<i>anarithma (Metasphaeria)</i> CXLV.	.	»	135	<i>Artemisiae (Leptosphaeria)</i>	.	.	»	82
<i>anarithma var. coccodes (Metasp.)</i> CXLV	»	136	<i>Artemisiae (Sphaeria)</i>	.	.	»	75	
<i>anarithma (Sphaeria)</i>	.	»	135	<i>arundinacea (Leptosphaeria)</i>	LV	.	»	69
<i>anarithma (Sphaerella)</i>	.	»	135	<i>arundinacea (Pleospora)</i>	.	.	»	69
<i>anarithmoides (Metasphaeria)</i> CXXXIX	»	131	<i>arundinacea (Sphaeria)</i>	.	.	»	69	
<i>anarithmoides (Leptosphaeria)</i>	.	»	132	<i>arundinaceum (Melojrama)</i>	.	.	»	69
<i>anceps (Leptosphaeria)</i> XXXIX	.	»	53	<i>Arundinariae (Metasphaeria)</i>	.	.	»	146
<i>Andromedae (Leptosphaeria)</i>	.	»	64	<i>Arundinis (Perisporium)</i>	.	.	»	58
<i>Andromedae (Sphaerella)</i>	.	»	64	* <i>arvensis (Leptosphaeria)</i>	.	.	»	87
* <i>Angelicae (Chaetosphaeria)</i>	.	»	29	* <i>Ashwelliana (Metasphaeria)</i>	.	.	»	146
<i>anglica (Trematosphaeria)</i>	.	»	34	<i>Asparagi (Leptosphaeria)</i>	.	.	»	81
<i>angustata (Stilbospora)</i>	.	»	49	<i>asparagina (Leptosphaeria)</i>	LXXII	.	»	81
<i>anisometra (Metasphaeria)</i>	.	»	142	<i>asparagina f. grisea (Lept.)</i> LXXII	.	.	»	81
<i>anisometra (Sphaeria)</i>	.	»	142	<i>Aspegrenii (Melanomma)</i> XXII	.	.	»	34
<i>Annae (Metasphaeria)</i>	.	»	127	<i>Aspegrenii (Sphaeria)</i>	.	.	»	34
<i>Annae (Sphaerulina)</i> CXXXV	.	»	127	* <i>Asplenii (Leptosphaeria)</i>	.	.	»	88
* <i>annulata (Lasiosphaeria)</i>	.	»	115	<i>asperum (Melojrama)</i>	.	.	»	50
* <i>annulata (Metasphaeria)</i>	.	»	147	* <i>assurgens (Sphaerulina)</i>	.	.	»	127
<i>anomia (Sphaeria)</i>	.	»	47	<i>Astrocaryi (Sphaeria)</i>	.	.	»	101
* <i>antarctica (Herpotrichia)</i>	.	»	108	<i>Astrocaryi (Zignoella)</i>	XCVIII	.	»	101
* <i>antarctica (Leptosphaeria)</i>	.	»	87	* <i>atterima (Zignoella)</i>	.	.	»	101
* <i>antarctica (Melomastia)</i>	.	»	120	<i>atrella (Zignoella)</i> XCII	.	.	»	99
* <i>antarctica (Sporormia)</i>	.	»	44	<i>atrobarba (Chaetosphaeria)</i>	XVII	.	»	27
* <i>antarctica (Zignoella)</i>	.	»	102	<i>atrobarba (Sphaeria)</i>	.	.	»	27
<i>anthelmintica (Leptosphaeria)</i> XXXIX.	»	53	<i>atroinquianans (Massaria)</i>	.	.	»	25	
<i>anthelmintica (Sphaeria)</i>	.	»	53	<i>atrovirens V. Rusci (Sphaeria)</i>	.	.	»	72
<i>anthophila (Leptosphaeria)</i> XLVIII	.	»	62	<i>aucta (Calospora)</i>	.	.	»	48
<i>anthostomoides (Leptosphaeria)</i> LXXVIII	»	85	<i>aucta Cryptospora)</i>	.	.	»	48	
* <i>Antoniae (Massaria)</i>	.	»	26	<i>aucta (Leptosphaeria)</i>	.	.	»	71

aucta (Pseudovalsa) xxxv	Pag. 48	*australis (Zignoella)	Pag. 102
<i>aucta (Sphaeria)</i>	» 48	*australis (Zignoella)	» 101
*aulica (Metasphaeria)	» 146	*austro-americana (Leptosphaeria)	» 87
*australe (Melanomma)	» 38	*Avellanae (Leptosphaeria)	» 86
*australis (Leptosphaeria)	» 87	*Avenae (Metasphaeria)	» 146
*australis (<i>porormia</i>)	» 44		

B

baccarum (Sphaerulina) cxxx	» 125	Bombarda (<i>Bertia</i>)	» 116
*Baggei (Leptosphaeria)	» 87	Bombarda (<i>Sphaeria</i>)	» 116
*Baggei (Leptosphaeria)	» 87	Bommeriana (<i>Chaetosphaeria</i>)	» 65
*Bardanae (Leptosphaeria)	» 88	Bommeriana (Leptosphaeria)	» 65
<i>Beaumontii (Leptosphaeria)</i>	» 84	<i>bonaerensis (Ceriospora</i>	» 29
*Beaumontii (Leptosphaeria)	» 87	*borealis (Metasphaeria)	» 147
<i>Beccariana (Trematosphaeria)</i>	» 35	Boudieriana (Sphaerulina) cxxxii	» 125
*Beccarianum (Melanomma)	» 38	*brachiata (Metasphaeria)	» 146
bella (Leptosphaeria) xxxix	» 53	<i>Brachypodii (Leptosphaeria)</i>	» 132
<i>Bellynckii (Leptosphaeria)</i>	» 143	Brachypodii (Metasphaeria) cxl	» 132
Bellynckii (Metasphaeria) clii	» 143	brachysperma (Leptosphaeria) xxxix	» 53
<i>Bellynckii (Sphaeria)</i>	» 143	*brachytheca (Metasphaeria)	» 146
*Berderidis (Leptosphaeria)	» 87	*brachytele (Melanomma)	» 38
<i>Berenice (Acanthostigma)</i>	» 105	bractearum (Leptosphaeria)	» 57
<i>Berkeleyi (Calospora)</i>	» 48	*Brassicae (Sporormia)	» 44
<i>Berkeleyi (Hapalocystis)</i>	» 48	*brasiliensis (Leptosphaeria)	» 87
<i>Berkeleyi (Melanconis)</i>	» 48	breviseta (Lasiosphaeria) cx	» 110
<i>Berkeleyi (Pseudovalsa)</i>	» 48	<i>Biardianum (Melanomma)</i>	» 40
Berkeleyi (Titania) xxxiii	» 49	*Britzelmayri (Lasiosphaeria)	» 115
<i>Betoniae (Rhaphidospora)</i>	» 80	<i>Britzelmayri v. fennica (Lasiosph.)</i>	» 102
<i>Betulae (Sphaeria)</i>	» 47	*Britzelmayri (Zignoella)	» 102
bicalcarata (Ceriosporella)	» 121	<i>Britzelmayrianum (Melanomma)</i>	» 37
bicalcarata (Ceriospora) cxxvii	» 121	<i>Britzelmayriana (Trematosphaeria)</i>	» 37
bicalcarata (Sphaerella)	» 121	<i>Broussonetiae (Cucurbitaria)</i>	» 45
bicornis (Melanconis)	» 49	brunnea (Metasphaeria) clx	» 144
bicornis (Pseudovalsa) xxxvi	» 49	brunnea (<i>Pleospora</i>)	» 144
*bicupidata (Leptosphaeria)	» 87	*Brunellae (Leptosphaeria)	» 87
*biformis (Lasiosphaeria)	» 115	bryophila (Leptosphaeria) xxxviii	» 52
<i>bifrons (Gnomonia)</i>	» 123	Bryzae (Leptosphaeria) lv	» 69
bifrons (Hypospila) cxxix	» 123	*bucera (Metasphaerix)	» 146
<i>bifrons (Sphaeria)</i>	» 123	buellioides (Melanomma) xxii	» 33
<i>bifrons (Xyloma)</i>	» 123	<i>buellioides (Trematosphaeria)</i>	» 33
bihyalina (Chaetosphaeria) xvii	» 28	<i>Bulliardi (Melogramma)</i>	» 50
biseptata (Leptosphaeria)	» 72	<i>Bulliardi (Massaria)</i>	» 24
*bitorulosa (Metasphaeria)	» 146	<i>Buxi (Melanomma)</i>	» 54
<i>Bizzozeriana (Zignoella)</i>	» 101	*Buxi (Melanomma)	» 38
Bocconiae (Leptosphaeria) xl	» 54	<i>byssophila (Trichosphaeria)</i>	» 103
<i>Bocconiae (Sphaeria)</i>	» 54	byssophilum (Acanthostigma) c	» 103
*Böhmeriae (Metasphaeria)	» 146		

C

*Cadubriae (Leptosphaeria) . . .	Pag. 87	<i>Caput-Medusae (Enchnosphaeria)</i> . . .	Pag. 113
caesariata (Lasiosphaeria) cxvii . . .	» 114	Caput-Medusae (Lasiosphaeria) cxvi . . .	» 113
<i>caesariata (Sphaeria)</i> . . .	» 114	Caraguatà (Metasphaeria) clxi . . .	» 145
caespitosa (Leptosphaeria) lxxiii . . .	» 82	*Carectorum (Metasphaeria) . . .	» 146
<i>cafra (Leptosphaeria)</i> . . .	» 136	*carduina (Leptosphaeria) . . .	» 88
cafra (Metasphaeria) cxlvii . . .	» 136	Caricæ (Leptosphaeria) l . . .	» 65
<i>calamina (Sphaeria)</i> . . .	» 141	<i>Caricæ (Melanomma)</i> . . .	» 65
<i>californica (Leptosphaeria)</i> . . .	» 142	caricinella (Leptosphaeria) lvi . . .	» 69
californica (Metasphaeria) clvi . . .	» 142	*Caricis (Leptosphaeria) . . .	» 87
<i>californica (Sphaeria)</i> . . .	» 142	*Caricis (Sphaerulina) . . .	» 127
callicarpa (Caryopora) . . .	» 37	<i>cariosa (Sphaeria)</i> . . .	» 104
callicarpa (Caryospora) xvi . . .	» 26	<i>cariosa (Zignoella)</i> . . .	» 104
<i>callicarpa (Sphaeria)</i> . . .	» 26	<i>carpinea (Agriospora)</i> . . .	» 122
callicarpum (Melanomma) xxv . . .	» 37	<i>carpinea (Sphaerella)</i> . . .	» 122
*callimorpha (Chaetosphaeria) . . .	» 28	carpogena (Leptosphaeria) lx . . .	» 74
*callimorpha (Herpotrichia) . . .	» 108	<i>carpofila (Leptosphaeria)</i> . . .	» 57
*callispernum (Melanomma) . . .	» 38	*cassiaecola (Leptosphaeria) . . .	» 87
<i>callispora (Massaria)</i> . . .	» 24	Cassiope (Metasphaeria) cxli . . .	» 132
* <i>callispora (Trematosphaeria)</i> . . .	» 38	*Castagnei (Leptosphaeria) . . .	» 88
<i>callista var. Vossii (Sphaerulina)</i> . . .	» 126	*Cattanei (Metasphaeria) . . .	» 146
*calospora (Herpotrichia) . . .	» 108	*Cattanei (Leptosphaeria) . . .	» 87
*calostroma (Chaetosphaeria) . . .	» 28	*Catillus (Melanomma) . . .	» 38
*calva (Lasiosphaeria) . . .	» 115	<i>caudata (Leptospora)</i> . . .	» 110
*Camelliae (Leptosphaeria) . . .	» 87	<i>caudata (Lasiosphaeria)</i> cx . . .	» 110
*Camelliae (Sphaerulina) . . .	» 127	*cavernosa (Metasphaeria) . . .	» 147
Camilla (Leptosphaeria) lxvi . . .	» 77	<i>Ceanothi (Leptosphaeria)</i> . . .	» 124
*Campi-Sili (Leptosphaeria) . . .	» 87	<i>Ceanothi (Sphaeria)</i> . . .	» 124
<i>Campi-Sili (Melanomma)</i> . . .	» 96	Ceanothi (Sphaerulina) cxxxix . . .	» 124
Campi-Sili (Zignoella) lxxxvii . . .	» 96	*ceratispora (Leptosphaeria) . . .	» 88
<i>campylosporum (Melogramma)</i> . . .	» 50	ceratophora (Rhynchosphaeria) xxviii . . .	» 40
*cana-densis (Metasphaeria) . . .	» 146	<i>ceratophorum (Melanomma)</i> . . .	» 40
canescens (Chaetomastia) xxvi . . .	» 39	*ceratotheca (Metasphaeria) . . .	» 147
<i>canescens (Lasiosphaeria)</i> . . .	» 109	<i>ceriospora (Sphaerella)</i> . . .	» 29
canescens (Melanomma) . . .	» 39	<i>ceriospora (Sphaeria)</i> . . .	» 29
<i>canescens (Sphaeria)</i> . . .	» 109	<i>Cerletti (Leptosphaeria)</i> . . .	» 144
<i>candida (Linospora)</i> . . .	» 93	Cerletti Metasphaeria clx . . .	» 144
<i>Caninae (Leptosphaeria)</i> . . .	» 65	*cervispora (Leptosphaeria) . . .	» 87
Caninae (Metasphaeria) clvi . . .	» 142	<i>Cesatiandum (Melanomma)</i> . . .	» 41
<i>Caninae (Sphaeria)</i> . . .	» 65	*cetraricola (Sphaerulina) . . .	» 127
<i>capensis (Lasiosphaeria)</i> . . .	» 112	*cetraricola (Metasphaeria) . . .	» 147
<i>capitellata (Sphaeria)</i> . . .	» 47	<i>chaetostoma (Leptosphaeria)</i> . . .	» 138
<i>Capparidis (Leptosphaeria)</i> . . .	» 55	<i>chaetostoma (Metasphaeria)</i> . . .	» 138
*Caprifolii (Leptosphaeria) . . .	» 87	<i>chaetomioides (Herpotrichia)</i> ciii . . .	» 106
*capsularis (Calospora) . . .	» 117	*Chamaemori (Cryptoderis) . . .	» 93

<i>Chamaemori (Gnomonia)</i>	.	Pag.	93	<i>Collumiae (Leptosphaeria)</i>	LI	.	Pag.	65
<i>Chamaemori (Gnomoniopsis)</i>	LXXXV	»	93	<i>Collumiae (Sphaeria)</i>	.	.	»	65
<i>Chamaemori v. misella (Gnomoniopsis)</i>		»	94	<i>comatella (Leptosphaeria)</i>	LXIII	.	»	76
* <i>Chamaeropis (Metasphaeria)</i>	.	»	147	<i>comatella (Sphaeria)</i>	.	.	»	76
<i>Chamaemori (Sphaeria)</i>	.	»	93	<i>Commonsii (Melanomma)</i>	XIX	.	»	31
* <i>chloronema (Lasiosphaeria)</i>	.	»	115	<i>commutata (Sporormia)</i>	XXI	.	»	44
<i>Chatiniana (Depazea)</i>	.	»	72	<i>complanata (Leptosphaeria)</i>	.	.	»	137
<i>Cibostii (Sphaeria)</i>	.	»	81	<i>complanata (Metasphaeria)</i>	CXLVIII	.	»	137
<i>Cibostii (Leptosphaeria)</i>	.	»	81	<i>complanata (Sphaeria)</i>	.	.	»	137
<i>ciliatum (Pleuroceras)</i>	.	»	93	<i>Conptoniae (Diatrype)</i>	.	.	»	46
* <i>cinerea (Ceratosphaeria)</i>	.	»	91	<i>Comptoniae (Thyridaria)</i>	XXXIII	.	»	46
<i>cinerea (Leptosphaeria)</i>	.	»	129	<i>conspurcata (Sphaeria)</i>	.	.	»	24
<i>cinerea (Metasphaeria)</i>	.	»	129	* <i>conferta (Leptosphaeria)</i>	.	.	»	69
<i>cinerea (Sphaeria)</i>	.	»	33	* <i>conformis (Metasphaeria)</i>	.	.	»	147
<i>cinerea (Sphaeria)</i>	.	»	129	<i>congesta (Psilosphaeria)</i>	.	.	»	35
<i>cinereum (Melanomma)</i>	XXI	»	33	<i>congesta (Trematosphaeria)</i>	.	.	»	35
<i>cincta (Sphaeria)</i>	.	»	47	<i>congestum (Melanomma)</i>	.	.	»	35
* <i>circinans (Leptosphaeria)</i>	.	»	88	<i>conglobata (Sphaeria)</i>	.	.	»	31
* <i>circumscissa (Massaria)</i>	.	»	26	* <i>conica (Zignoella)</i>	.	.	»	101
<i>circumscripta (Sphaeria)</i>	.	»	47	<i>coniformis (Leptosphaeria)</i>	.	.	»	136
<i>circumvallata (Sphaeria)</i>	.	»	123	<i>coniformis (Metasphaeria)</i>	.	.	»	136
* <i>cirrhostoma (Lasiosphaeria)</i>	.	»	115	<i>coniformis (Pleospora)</i>	.	.	»	136
* <i>cirricola (Leptosphaeria)</i>	.	»	87	<i>coniformis (Sphaeria)</i>	.	.	»	81
* <i>Cisti (Leptosphaeria)</i>	.	»	87	<i>coniformis (Sphaeria)</i>	.	.	»	136
<i>citicola (Leptosphaeria)</i>	LXV	»	77	<i>conimbricensis (Leptosphaeria)</i>	LXXII	.	»	82
* <i>cladophila (Leptosphaeria)</i>	.	»	86	<i>Coniothyrium (Leptosphaeria)</i>	XLVII	.	»	61
* <i>cladosporiosa (Lasiosphaeria)</i>	.	»	115	<i>Coniothyrium (Sphaeria)</i>	.	.	»	61
* <i>clara (Leptosphaeria)</i>	.	»	88	<i>conjugata (Leptosphaeria)</i>	L	.	»	64
* <i>clavicularia (Leptosphaeria)</i>	.	»	87	<i>conjugata (Sphaeria)</i>	.	.	»	64
<i>clavigera (Leptosph.)</i>	LXXVII	»	85	<i>conjugatum (Melanomma)</i>	.	.	»	64
<i>clavigera (Sphaeria)</i>	.	»	85	<i>conoidea (Leptosphaeria)</i>	XLVII	.	»	61
* <i>cleistotheca (Massaria)</i>	.	»	26	<i>consessa (Leptosphaeria)</i>	XLIX	.	»	63
<i>Clintonii (Acanthostigma) c</i>	.	»	103	<i>consessa (Sphaeria)</i>	.	.	»	63
<i>Clintonii (Sphaeria)</i>	.	»	103	* <i>consimilis (Leptosphaeria)</i>	.	.	»	88
<i>clivensis (Leptosphaeria)</i>	XLIX	»	66	* <i>Consobrina (Leptosphaeria)</i>	.	.	»	87
<i>clivensis (Sphaeria)</i>	.	»	63	<i>conspurcata (Massaria)</i>	XIII	.	»	24
<i>clypeata (Sphaeria)</i>	.	»	26	* <i>constricta (Metasphaeria)</i>	.	.	»	147
<i>clypeata (Trematosphaeria)</i>	.	»	36	* <i>contempta (Clypeosphaeria)</i>	.	.	»	27
<i>clypeatum (Melanomma)</i>	XXIV	»	36	<i>Convallariae (Leptosphaeria)</i>	.	.	»	143
<i>clypeiformis (Sphaeria)</i>	.	»	26	<i>Convallariae (Pleospora)</i>	.	.	»	143
<i>clypeosphaeroioides (Metasphaeria)</i>	CXLII	»	133	<i>convergens (Pseudovalsa)</i>	XXXVI	.	»	48
<i>clivensis (Leptosphaeria)</i>	.	»	63	<i>convergens (Sphaeria)</i>	.	.	»	48
<i>coccodes (Leptosphaeria)</i>	.	»	135	<i>convergens (Valsia)</i>	.	.	»	48
<i>coccodes (Metasphaeria)</i>	.	»	135	* <i>Cookei (Leptosph.)</i>	.	.	»	86
<i>cocogena (Metasphaeria)</i>	CXXXVI	»	128	<i>Corae (Leptosphaeria)</i>	LXII	.	»	75
<i>cocogena (Sphaeria)</i>	.	»	128	<i>Corallorhizae (Leptosphaeria)</i>	.	.	»	56
* <i>Coffeae Caryospora</i>	.	»	176	* <i>Coriariae (Sphaerulina)</i>	.	.	»	127
* <i>coffeigena (Leptosphaeria)</i>	.	»	87	<i>corynespora (Sporormia)</i>	XXI	.	»	44
<i>collabens (Sphaeria)</i>	.	»	100	<i>corynespora (Leptosphaeria)</i>	LVIII	.	»	71
<i>collabens (Zignoella)</i>	XCIII	»	100	<i>Corni (Massarina)</i>	.	.	»	119

*Corni (Massaria)	Pag. 26	*cryptoderis (<i>Sphaeria</i>)	Pag. 93
Corni (Massaria)	» 119	*Cryptospila (<i>Metasphaeria</i>)	» 147
Corni (<i>Sphaeria</i>)	» 27	*Cubonianum (<i>Melanomma</i>)	» 38
corticola (<i>Leptosphaeria</i>)	» 129	*cucurbitarioides (<i>Chaetomastia</i>)	» 39
corticola (<i>Metasphaeria</i>) cxxxvi	» 129	*cucurbitarioides (<i>Leptosphaeria</i>)	» 87
corticola (<i>Sphaeria</i>)	» 129	*cucurbitarioides (<i>Melanomma</i>)	» 38
corticola (<i>Trematosphaeria</i>)	» 100	culmicola (<i>Leptosphaeria</i>) lxi	» 74
corticola (<i>Zignoella</i>) xciv	» 100	culmicola v. <i>Rousseliana</i> (<i>Lept.</i>)	» 74
Coryli (<i>Massarina</i>)	» 118	culmicola (<i>Sphaeria</i>)	» 74
Coryli (<i>Massaria</i>)	» 118	culmifida (<i>Leptosphaeria</i>)	» 129
Coryli (<i>Metasphaeria</i>) cxliv	» 135	culmifida (<i>Metasphaeria</i>) cxxxvii	» 129
*Coulteri (<i>Enchnosphaeria</i>)	» 106	culmifida f. <i>Poae</i> (<i>Metasphaeria</i>) cxxxviii	» 129
crassiuscula (<i>Metasphaeria</i>) clx	» 145	Cumana (<i>Leptosphaeria</i>) cxl	» 181
*crastophila (<i>Leptosphaeria</i>)	» 88	Cumana (<i>Sphaeria</i>)	» 131
*Craterium (<i>Metasphaeria</i>)	» 146	Cumana (<i>Metasphaeria</i>)	» 131
*crenulata (<i>Clypeosphaeria</i>)	» 27	Cumana var. <i>Luzulina</i> (<i>Metasphaeria</i>) cxl	» 131
Crepini (<i>Leptosphaeria</i>) xlvi	» 59	Cumanella (<i>Metasphaeria</i>) cxxxvi	» 128
Crepini (<i>Sphaeria</i>)	» 59	culmiphraga (<i>Leptosphaeria</i>) lxxvi	» 84
crinigera (<i>Ceratosphaeria</i>) lxxxiv	» 91	culmiphraga (<i>Leptosphaeria</i>)	» 83
crinigera (<i>Sphaeria</i>)	» 91	culmiphraga (<i>Pleospora</i>)	» 84
crinita v. <i>arenationis</i> (<i>Lasioph.</i>)	» 112	*culmigena (<i>Winteria</i>)	» 94
crinita (<i>Lasiosphaeria</i>) cx	» 111	culmorum (<i>Leptosphaeria</i>)	» 66
crinita v. crustacea (<i>Lasioph.</i>) cx	» 111	*cupulifera (<i>Chaetosphaeria</i>)	» 28
crinita (<i>Leptospora</i>)	» 111	cylindrospora (<i>Leptosphaeria</i>) lix	» 72
crinita (<i>Sphaeria</i>)	» 111	*cylindrosporum (<i>Melogramma</i>)	» 50
cuuenta (<i>Leptosphaeria</i>)	» 55	Cynaracearum (<i>Metasphaeria</i>) cliii	» 139
crustacea (<i>Lasiosphaeria</i>)	» 111	Cynaracearum (<i>Leptosphaeria</i>)	» 139
crustacea (<i>Sphaeria</i>)	» 96	*Cynops (<i>Leptosphaeria</i>)	» 87
crustacea (<i>Zignoella</i>) lxxxvii	» 96	Cyparissi (<i>Metasphaeria</i>) cxxxviii	» 130
*crypto (<i>Massaria</i>)	» 26	*cyperina (<i>Loptosphaeria</i>)	» 87
*cryptarum (<i>Zignoella</i>)	» 101	*cyrillicolum (<i>Melanomma</i>)	» 38
*crypticum (<i>Melanomma</i>)	» 38		

D

dactylina (<i>Leptosphaeria</i>) lxxv	» 83	defodiens (<i>Metasphaeria</i>)	» 142
*danica (<i>Leptosphaeria</i>)	» 87	defodiens (<i>Sphaeria</i>)	» 142
*Dasylirii (<i>Leptosphaeria</i>)	» 87	*Delawayi (<i>Leptosphaeria</i>)	» 87
dealbata (<i>Metasphaeria</i>) cxlii	» 133	*deognensis (<i>Thyridaria</i>)	» 46
*dealbata (<i>Kalmusia</i>)	» 45	*demissa (<i>Leptosphaeria</i>)	» 88
*dealbata (<i>Zignoella</i>)	» 102	denigrans (<i>Massaria</i>)	» 24
Debeauxii (<i>Leptosphaeria</i>)	» 141	*depressa (<i>Metasphaeria</i>)	» 146
Debeauxii (<i>Metasphaeria</i>)	» 146	*depilata (<i>Lasiosphaeria</i>)	» 115
Decaisneana (<i>Depazea</i>)	» 58	derasa (<i>Leptosphaeria</i>) lxxiii	» 82
Decaisneana (<i>Leptosphaeria</i>)	» 57	derasa (<i>Sphaeria</i>)	» 82
decastyla (<i>Sphaeria</i>)	» 104	Diana (<i>Leptosphaeria</i>) lvii	» 70
decastylum (<i>Acanthostigma</i>)	» 104	diaphana (<i>Zignoella</i>) lxxxix	» 98
*decipiens (<i>Melanomma</i>)	» 38	diaphana (<i>Sphaeria</i>)	» 98

*diaporthoides (<i>Leptosphaeria</i>) . . .	Pag.	88	dolioloides (<i>Nodulosphaeria</i>) . . .	Pag.	85
<i>dichroa</i> (<i>Leptosphaeria</i>) . . .	»	51	<i>dolioloides</i> (<i>Pleospora</i>) . . .	»	85
<i>dichroa</i> (<i>Passeriniella</i>) XXXVIII . . .	»	51	Doliolum (<i>Leptosphaeria</i>) XLVIII . . .	»	62
Digitalis (<i>Metasphaeria</i>) XLVI . . .	»	60	<i>Doliolum</i> (<i>Sphaeria</i>) . . .	»	62
<i>Digitalis</i> (<i>Sphaeria</i>) . . .	»	60	<i>dryadea</i> (<i>Leptosphaeria</i>) . . .	»	57
*dioica (<i>Leptosphaeria</i>) . . .	»	87	*Drabae (<i>Leptosphaeria</i>) . . .	»	87
*discors (<i>Metasphaeria</i>) . . .	»	146	*dryophila (<i>Leptosphaeria</i>) . . .	»	87
<i>disjecta</i> (<i>Sphaeria</i>) . . .	»	32	<i>dubia</i> (<i>Leptosphaeria</i>) . . .	»	71
<i>disjectum</i> (<i>Melanomma</i>) XX . . .	»	32	<i>dubiosum</i> (<i>Melanomma</i>) XXIII . . .	»	34
<i>disseminata</i> (<i>Leptosphaeria</i>) . . .	»	84	Dubyi (<i>Ceriospora</i>) XVIII . . .	»	29
*dissiliens (<i>Metasphaeria</i>) . . .	»	146	*Dubyi (<i>Zignoella</i>) . . .	»	101
<i>distributa</i> (<i>Leptosphaeria</i>) . . .	»	134	<i>dumetorum</i> (<i>Leptosphaeria</i>) . . .	»	55
<i>distributa</i> (<i>Metasphaeria</i>) CXLIII . . .	»	134	<i>dumetorum</i> (<i>Leptosphaeria</i>) XL . . .	»	54
<i>distributa</i> (<i>Sphaeria</i>) . . .	»	134	<i>dumetor.</i> var. <i>Marrubii</i> (<i>Leptosph.</i>) . . .	»	55
donacina (<i>Leptosphaeria</i>) XLV . . .	»	9	<i>dumetorum</i> f. <i>Meilotti</i> (<i>Lept.</i>) . . .	»	55
dolichospora (<i>Zignoella</i>) XCIII . . .	»	100	* <i>duplex</i> (<i>Leptosphaeria</i>) . . .	»	88
dolioloides (<i>Leptosphaeria</i>) LXXIX . . .	»	85			

E

Ebuli (<i>Kalmusia</i>) XXXIII . . .	»	44	<i>endophaena</i> (<i>Leptosphaeria</i>) . . .	»	58
*Ebuli (<i>Zignoella</i>) . . .	»	101	<i>epicalamia</i> (<i>Leptosphaeria</i>) LIX . . .	»	72
<i>eburnea</i> (<i>Leptosphaeria</i>) . . .	»	142	<i>epicalamia</i> (<i>Sphaeria</i>) . . .	»	72
<i>eburnea</i> (<i>Massarina</i>) CXXIV . . .	»	119	* <i>epicarecta</i> (<i>Leptosphaeria</i>) . . .	»	87
<i>eburnea</i> (<i>Massaria</i>) . . .	»	119	<i>epileuca</i> (<i>Massaria</i>) XIV . . .	»	24
* <i>eburnea</i> (<i>Metasphaeria</i>) . . .	»	146	<i>epiphegia</i> (<i>Massaria</i>) . . .	»	25
<i>eburnea</i> (<i>Metasphaeria</i>) . . .	»	142	<i>epipteridea</i> (<i>Metasphaeria</i>) . . .	»	141
<i>eburnoides</i> (<i>Massaria</i>) . . .	»	119	<i>epipteridea</i> (<i>Sphaeria</i>) . . .	»	141
<i>eburnoides</i> (<i>Massarina</i>) CXXIV . . .	»	119	<i>Equiseti</i> (<i>Leptosphaeria</i>) LXXVI . . .	»	84
* <i>echinella</i> (<i>Leptosphaeria</i>) . . .	»	88	* <i>Erantemi</i> (<i>Leptosphaeria</i>) . . .	»	87
* <i>Echinops</i> (<i>Leptosphaeria</i>) . . .	»	88	<i>Ericae</i> (<i>Leptosphaeria</i>) . . .	»	32
* <i>Eckfeldtii</i> (<i>Melanomma</i>) . . .	»	38	<i>Erigerontis</i> (<i>Leptosphaeria</i>) LXXI . . .	»	80
<i>effusa</i> (<i>Aglaospora</i>) . . .	»	49	* <i>erinacea</i> (<i>Lasiосphaeria</i>) . . .	»	115
<i>effugiens</i> (<i>Melanomma</i>) . . .	»	33	* <i>eriophora</i> (<i>Leptosphaeria</i>) . . .	»	88
<i>effugiens</i> (<i>Sphaeria</i>) . . .	»	33	<i>eriophora</i> (<i>Leptosphaeria</i>) . . .	»	89
<i>elegans</i> (<i>Heptameria</i>) . . .	»	30	<i>eriophora</i> (<i>Pocospaeria</i>) LXXXI . . .	»	89
* <i>elegans</i> (<i>Lasiosphaeria</i>) . . .	»	115	<i>eriophora</i> (<i>Sphaeria</i>) . . .	»	89
<i>elaeospora</i> (<i>Leptosphaeria</i>) . . .	»	58	<i>Eryngii</i> (<i>Leptosphaeria</i>) . . .	»	69
<i>ellipsosperma</i> (<i>Variolaria</i>) . . .	»	24	* <i>erysiphoides</i> (<i>Acantostigma</i>) . . .	»	105
<i>ellipsosporum</i> (<i>Prosthemium</i>) . . .	»	49	<i>errabunda</i> (<i>Trematosphaeria</i>) . . .	»	34
Ellisiana (<i>Leptosphaeria</i>) LV . . .	»	68	<i>erraticola</i> (<i>Sphaeria</i>) . . .	»	31
* <i>emergens</i> (<i>Lasiosphaeria</i>) . . .	»	115	<i>erraticolum</i> (<i>Melanomma</i>) XX . . .	»	31
* <i>emergens</i> (<i>Zignoella</i>) . . .	»	101	<i>Euphorbiae</i> (<i>Leptosphaeria</i>) LIV . . .	»	67
<i>Emiliiana</i> (<i>Leptosphaeria</i>) . . .	»	120	<i>euphorbiacea</i> (<i>Clypeosphaeria</i>) . . .	»	27
Empetri (<i>Metasphaeria</i>) CXL . . .	»	131	* <i>euphorbicola</i> (<i>Leptosphaeria</i>) . . .	»	87
<i>Empetri</i> (<i>Sphaeria</i>) . . .	»	131	<i>eustoma</i> (<i>Leptosphaeria</i>) XLI . . .	»	55
Endiusae (<i>Leptosphaeria</i>) L . . .	»	64	<i>eustoma</i> f. <i>Aglaja</i> (<i>Leptosph.</i>) XLII . . .	»	
<i>Endiusae</i> (<i>Pleospora</i>) . . .	»	64	<i>eustoma</i> f. <i>Aitanthi</i> (<i>Leptosph.</i>) . . .	»	

eustoma f. Apogon. (Leptosph.)	XLII	Pag.	56	eustoma f. punctoidea (Leptosph.)	XLI	Pag.	55
eustoma f. carpophila (Leptosph.)	XLIII	"	57	eustoma f. rivularis (Lept.)	"	"	58
eustoma f. Corallorhizae (Leptosph.)	XLII	"	56	eustoma f. Salicinarum (Leptosph.)	XLIV	"	57
eustoma f. elaeospora (Leptosph.)	XLIV	"	58	eustoma f. Tritici (Leptosph.)	XLI	"	55
eustoma var. endophaena (Lept.)	"	"	58	eustoma f. vinealis (Lept.)	XLII	"	56
eustoma f. eustomoides (Leptosph.)	XLII	"	56	eustoma f. Thypae (Leptosph.)	XLII	"	56
eustoma f. fuscidula (Leptosph.)	XLIV	"	58	eustoma (Pleospora)	"	"	55
eustoma f. Lathonia (Leptosph.)	XLIII	"	57	eustoma (Sphaeria)	"	"	55
eustoma f. Lucilla (Leptosph.)	XLIII	"	57	eustomella (Leptosphaeria)	LVII	"	70
eustoma f. Lucina (Leptosph.)	XLIII	"	57	eustomoides (Leptosphaeria)	"	"	56
eustoma f. Lunariae (Leptosph.)	XLII	"	56	eutypoides (Leptosphaeria)	"	"	89
eustoma f. maior (Leptosph.)	XLI	"	55	eutypoides (Thyridaria)	XXXIV	"	46
eustoma f. marginalis (Leptosph.)	XLIII	"	57	eutypoides (Zignoella)	LXXXVIII	"	97
eustoma f. Molluginis (Lept.)	XLII	"	56	evalata (Sporormia)	"	"	41
eustoma f. Musarum (Leptosph.)	XLIV	"	58	exigua (Sphaeria)	"	"	95
eustoma f. olericola (Leptosph.)	"	"	58	exigua (Zignoella)	LXXXVI	"	95
eustoma f. parvula (Leptospp.)	XLIV	"	58	*excellens (Winteria)	"	"	94

F

fallaciosa (Leptosphaeria)	LXXXIII	"	82	foedans (Sphaeria)	"	"	23
*fallax (Leptosphaeria)	LXI	"	73	*foeniculaceae (Leptosphaeria)	"	"	87
fallax (Melanomma)	"	"	100	Fontanesiae (Metasphaeria)	CXLVIII	"	137
fallax (Zignoella)	XCIII	"	100	formosa (Stuartella)	XXVIII	"	40
Fagi (Massaria)	"	"	100	*Forsythiae (Metasphaeria)	"	"	147
*Fairmani (Pseudovalsa)	"	"	49	fraxinea (Spkaerulina)	"	"	126
fasciculata (Bombardia)	CXX	"	116	*Fraxini (Leptosphaeria)	"	"	87
favacea (Sphaeria)	"	"	47	Fraxini (Thyridaria)	XXIV	"	46
*felina (Lasiosphaeria)	"	"	115	fraxinicola (Sphaeria)	"	"	120
fennicum (Acanthostigma)	XCIX	"	102	Friesii (Melomastia)	CXXV	"	120
*ferox (Herpotrichia)	"	"	108	Fritzii (Melanomma)	"	"	38
Ferulae (Metasphaeria)	"	"	142	*Fuckelii (Lasiosphaeria)	"	"	115
ferulina (Metasphaeria)	CXXXIX	"	131	Fuckelii (Leptosphaeria)	LX	"	73
ferulina (Sphaeria)	"	"	131	*Fuckelii (Massaria)	"	"	26
*ferruginea (Lasiosphaeria)	"	"	115	*Fuckelii (Melogramma)	"	"	50
Fiedlaeri (Cryptospora)	"	"	139	*Fuegiana (Leptosphaeria)	"	"	87
Fiedlaeri (Leptosphaeria)	"	"	139	*fuegiana (Sporormia)	"	"	44
Fiedlaeri (Metasphaeria)	CLI	"	139	*fuegiana (Zignoella)	"	"	102
filamentosa (Leptosphaeria)	XXXIX	"	54	*fuegianum (Melanomma)	"	"	38
fimetaria (Sporormia)	XXXVII	"	44	*fungicola (Leptosphaeria)	"	"	87
fimiseda (Leptosphaeria)	XL	"	54	*funicola (Zignoella)	"	"	101
*fissum (Melanomma)	"	"	38	*Fur (Metasphaeria)	"	"	146
*flavescens (Lasiosphaeria)	"	"	115	fusariispora (Metasphaeria)	CXLIV	"	135
*flavocompta (Chaetosphaeria)	"	"	28	fusariispora (Sphaeria)	"	"	135
fluvialis (Leptosphaeria)	"	"	59	fusca (Chaetosphaeria)	"	"	28
fluvialis (Sphaeria)	"	"	59	*fuscella (Ceratosphaeria)	"	"	91
foedans f. faginea (Massaria)	"	"	23	fuscella (Leptosphaeria)	LI	"	65
foedans (Massaria)	XII	"	23	fuscella (Sphaeria)	"	"	65

<i>fuscella (Sphaeria)</i>	.	.	.	Pag.	133		<i>fuscidulum (Melanomma)</i>	xix	.	.	Pag.	31
<i>fuscella (Sphaeria)</i>	.	.	.	"	59		<i>fuscosporum (Melogramma)</i>	.	.	.	"	50
* <i>fuscescens (Ceriosporella)</i>	.	.	.	"	121		<i>fusispora (Leptosphaeria)</i>	xli	.	.	"	55
<i>fuscidula (Leptosphaeria)</i>	.	.	.	"	58		<i>fusisporum (Melogramma)</i>	.	.	.	"	50

G

<i>galiicola (Leptosphaeria)</i>	xlix	.	.	"	63		<i>glauco-punctata (Cryptosphaeria)</i>	.	.	.	"	72
Galiorum f. Lampsanae (Leptosph.)	LII	.	.	"	66		* <i>globigerum (Melanomma)</i>	.	.	.	"	38
Galiorum (Leptosphaeria)	LII	.	.	"	66		<i>globularis (Sphaeria)</i>	.	.	.	"	109
Galiorum (Metasphaeria)	CXLVIII	.	.	"	137		* <i>gloeospora (Leptosphaeria)</i>	.	.	.	"	87
<i>Galiorum (Sphaeria)</i>	.	.	.	"	137		<i>glomerulata (Didymella)</i>	.	.	.	"	124
* <i>Gei (Metasphaeria)</i>	.	.	.	"	147		<i>glomerulata (Sphaeria)</i>	.	.	.	"	124
* <i>gemmata (Calospora)</i>	.	.	.	"	117		* <i>Gnaphalii (Leptosphaeria)</i>	.	.	.	"	88
* <i>Gerardi (Massaria)</i>	.	.	.	"	26		* <i>gracile (Acanthostigma)</i>	.	.	.	"	105
* <i>Gibelliana (Leptosphaeria)</i>	.	.	.	"	86		<i>Graminum f. elaeospora (Lept.)</i>	.	.	.	"	58
<i>gigantea (Sporormia)</i>	xxx	.	.	"	43		* <i>Graminum (Metasphaeria)</i>	.	.	.	"	146
<i>gigaspora (Sphaeria)</i>	.	.	.	"	24		<i>graminis (Leptosphaeria)</i>	.	.	.	"	87
* <i>gigaspora (Sporormia)</i>	.	.	.	"	44		<i>Granati (Melanomma)</i>	xxi	.	.	"	33
* <i>Giliae (Sphaerulina)</i>	.	.	.	"	127		* <i>grandispora (Metasphaeria)</i>	.	.	.	"	146
Gillotiana (Leptosphaeria)	L	.	.	"	64		<i>grandispora (Spororinia)</i>	xxix	.	.	"	43
* <i>Gibellianum (Melanomma)</i>	.	.	.	"	38		<i>Granum (Sphaeria)</i>	.	.	.	"	109
<i>gigantaspore (Massarina)</i>	.	.	.	"	144		<i>grisea (Leptosph.)</i>	.	.	.	"	81
gigantaspore (Metasphaeria)	CIX	.	.	"	144		<i>groenlandica (Hypospila)</i>	CXXVIII	.	.	"	122
<i>gigaspora (Leptosphaeria)</i>	LVII	.	.	"	70		<i>groenendalensis (Zignoella)</i>	LXXXV	.	.	"	94
<i>gigaspora (Massaria)</i>	.	.	.	"	24		<i>Godini (Leptosphaeria)</i>	.	.	.	"	69
<i>gigaspora (Sporormia)</i>	.	.	.	"	33		<i>Godini (Sphaeria)</i>	.	.	.	"	69
* <i>Gillotiana (Leptosphaeria)</i>	.	.	.	"	88		* <i>Guaraniticum (Acanthostigma)</i>	.	.	.	"	105

H

<i>haematides (Didymella)</i>	.	.	.	"	61		* <i>hederaefolia (Metasphaeria)</i>	.	.	.	"	147
haematites (Leptosphaeria)	XLVII	.	.	"	61		* <i>hedericola (Leptosphaeria)</i>	.	.	.	"	88
<i>haematis (Sphaerella)</i>	.	.	.	"	61		<i>Helena (Sphaeria)</i>	.	.	.	"	61
<i>haematis (Sphaeria)</i>	.	.	.	"	61		* <i>Helianthemi (Metasphaeria)</i>	.	.	.	"	146
Hanburiana (Zignoella)	XCII	.	.	"	99		<i>Helichrysi (Heptameria)</i>	.	.	.	"	30
Hanzlinskyana (Leptosphaeria)	LXVII	.	.	"	78		* <i>Helichrysi (Leptosphaeria)</i>	.	.	.	"	87
*Haynaldii (Zignoella)	.	.	.	"	101		<i>Helichrysi (Verlotia)</i>	.	.	.	"	30
<i>hapalocystis (Calospora)</i>	.	.	.	"	88		<i>helicicola (Leptosphaeria)</i>	.	.	.	"	132
hapalocystis (Pseudovalsa)	XXXVI	.	.	"	48		<i>helicicola (Metasphaeria)</i>	CXLI	.	.	"	132
<i>hapalocystis f. minor (Pseudov.)</i>	.	.	.	"	48		<i>helicicola (Sphaeria)</i>	.	.	.	"	132
<i>hapalocystis (Sphaeria)</i>	.	.	.	"	48		<i>helicoma (Lasiosphaeria)</i>	CXIII	.	.	"	112
*Harknessiana (Leptosphaeria)	.	.	.	"	87		<i>helicoma (Sphaeria)</i>	.	.	.	"	112
* <i>Hanzslinszkyi (Leptosphaeria)</i>	.	.	.	"	88		* <i>helophilum (Melanomma)</i>	.	.	.	"	38
* <i>Hederae (Acanthostigma)</i>	.	.	.	"	105		* <i>helminthospora (Acanthostigma)</i>	.	.	.	"	105
Hederae (Metasphaeria)	CXLIX	.	.	"	138							

helminthospora (Leptosphaeria) LXXIV	Pag.	82	* <i>hirta</i> (<i>Massaria</i>)	Pag.	26
<i>kelmanthospora</i> (<i>Pleospora</i>)	»	75	<i>hirtula</i> (<i>Chaetomastia</i>) xxvi	»	39
* <i>heloniaefolia</i> (<i>Leptosphaeria</i>)	»	88	<i>hirtula</i> (<i>Sphaeria</i>)	»	39
<i>helvetica</i> (<i>Leptosphaeria</i>) xxxviii	»	52	* <i>hirtulum</i> (<i>Melanomma</i>)	»	39
<i>helvetica</i> (<i>Metasphaeria</i>) cxi	»	139	<i>hispida</i> (<i>Lasiosphaeria</i>) cxiv	»	112
* <i>hemicypta</i> (<i>Leptosphaeria</i>)	»	87	<i>hispida</i> (<i>Sphaeria</i>)	»	112
<i>hemipsila</i> (<i>Lasiosphaeria</i>) cixvii	»	114	<i>hispidula</i> (<i>Chaetomastia</i>) xxvi	»	39
<i>hemipsila</i> (<i>Sphaeria</i>)	»	114	* <i>hispidula</i> (<i>Lasiosphaeria</i>)	»	115
<i>hemitapha</i> (<i>Kalmusia</i>)	»	45	<i>hispidula</i> (<i>Lasiosphaeria</i>)	»	103
<i>Hendersoniae</i> (<i>Clypeosphaeria</i>)	»	53	<i>hispidulum</i> (<i>Acanthostigma</i>)	»	103
<i>Hendersoniae</i> (<i>Leptosphaeria</i>) xxxviii	»	53	<i>hispidulum</i> (<i>Melanomma</i>)	»	39
* <i>Hendersoniae</i> (<i>Melanomma</i>)	»	38	* <i>Hoffmannii</i> (<i>Massaria</i>)	»	26
<i>Hendersoniae</i> (<i>Sphaeria</i>)	»	53	<i>Holmskjoeldii</i> (<i>Melanomma</i>)	»	32
* <i>hendersonioides</i> (<i>Melanomma</i>)	»	38	<i>Holmskjoeldii</i> (<i>Sphaeria</i>)	»	32
<i>heptamera</i> (<i>Sporormia</i>) xxxi	»	43	<i>Holoschaeni</i> (<i>Massaria</i>)	»	79
<i>herbana</i> (<i>Zignoella</i>) xvvi	»	96	* <i>humulina</i> (<i>Metasphaeria</i>)	»	147
* <i>herculea</i> (<i>Sporormia</i>)	»	44	<i>hyalospora</i> (<i>Leptosphaeria</i>)	»	145
<i>herpotrichioides</i> (<i>Leptosphaeria</i>) LXXV	»	83	<i>hyalospora</i> (<i>Metasphaeria</i>) clxii	»	145
<i>heterospora</i> (<i>Leptosphaeria</i>) lxxii	»	67	<i>hydrela</i> (<i>Trematosphaeria</i>)	»	37
<i>heterospora</i> (<i>Sphaeria</i>)	»	67	<i>hydrelum</i> (<i>Melanomma</i>)	»	27
<i>heterostoma</i> (<i>Herpotrichia</i>) cv	»	107	<i>hydrphila</i> (<i>Leptosphaeria</i>) LI	»	65
<i>heterostoma</i> (<i>Lasiosphaeria</i>)	»	107	<i>hydrphila</i> (<i>Sphaeria</i>)	»	36
<i>heterosporum</i> (<i>Byssothecium</i>)	»	67	<i>hydrphila</i> (<i>Trematosphaeria</i>)	»	36
<i>Heufleri</i> (<i>Leptosphaeria</i>) XL	»	55	<i>hydrophilum</i> (<i>Melanomma</i>) xxiv	»	36
* <i>Heufleri</i> (<i>Melanomma</i>)	»	38	<i>hyperborea</i> (<i>Leptosphaeria</i>) L	»	64
<i>Heufleri</i> (<i>Sphaerella</i>)	»	55	<i>hyperborea</i> (<i>Pleospora</i>)	»	64
<i>Hausmanniana</i> (<i>Leptosphaeria</i>)	»	60	* <i>Hyperici</i> (<i>Clypeosphaeria</i>)	»	27
<i>hiemalis</i> (<i>Leptosphaeria</i>) XLV	»	59	<i>Hyperici</i> (<i>Leptosphaeria</i>) LXX	»	80
* <i>Hierochloae</i> (<i>Leptosphaeria</i>)	»	87	<i>hypotephra</i> (<i>Kalmusia</i>)	»	45
<i>hirta</i> (<i>Nodulosphaeria</i>)	»	82	<i>hysterioides</i> (<i>Leptosphaeria</i>)	»	119
<i>Hippophaës</i> (<i>Melanomma</i>)	»	32	* <i>hysterioides</i> (<i>Leptosphaeria</i>)	»	88
<i>hirsuta</i> (<i>Lasiosphaeria</i>)	»	113	<i>hysterioides</i> (<i>Massarina</i>) cxxvi	»	119
<i>hirsuta</i> (<i>Sphaeria</i>)	»	113	* <i>hysterioides</i> (<i>Zignoella</i>)	»	102



* <i>Idesiae</i> (<i>Metasphaeria</i>)	»	147	<i>incarcerata</i> (<i>Leptosphaeria</i>)	»	51
* <i>ignobilis</i> (<i>Zignoella</i>)	»	102	<i>incarcerata</i> (<i>Passeriniella</i>) LVIII	»	51
<i>immersa</i> (<i>Ceratosphaeria</i>)	»	89	<i>incarcerata</i> (<i>Sphaeria</i>)	»	51
<i>immersa</i> (<i>Lasiosphaeria</i>) cixv	»	113	* <i>incerta</i> (<i>Zignoella</i>)	»	101
* <i>immersa</i> (<i>Sporormia</i>)	»	44	* <i>inconspicua</i> (<i>Calospora</i>)	»	117
<i>immersa</i> (<i>Zignoella</i>) xc	»	98	<i>incrustans</i> (<i>Thyridaria</i>) xxxiii	»	45
<i>immunda</i> (<i>Hypospila</i>) cxxx	»	123	<i>inculta</i> (<i>Leptosphaeria</i>) LX	»	73
<i>immunda</i> (<i>Leptosphaeria</i>)	»	136	* <i>independens</i> (<i>Leptosphaeria</i>)	»	87
<i>immunda</i> (<i>Metasphaeria</i>) clvi	»	136	* <i>indica</i> (<i>Chaetosphaeria</i>)	»	28
<i>immunda</i> (<i>Sphaeria</i>)	»	123	* <i>infernalis</i> (<i>Leptosphaeria</i>)	»	88
* <i>imperspicuum</i> (<i>Acanthostigma</i>)	»	105	* <i>inflata</i> (<i>Zignoella</i>)	»	101
* <i>impressa</i> (<i>Leptosphaeria</i>)	»	88	<i>Innesii</i> (<i>Valsa</i>)	»	117

innumera (Chaetosphaeria) xvii	Pag.	27	*interspersa (Leptosphaeria)	.	.	Pag.	87
innumera (Sphaeria)	"	27	*intricata (Lasiosphaeria)	.	.	"	115
inquinans var. <i>Ulmi</i> (Sphaeria)	"	48	inulina (Metasphaeria) cliv	.	.	"	140
inquinans (Sphaeria)	"	24	<i>Innesii</i> (<i>Calospora</i>)	.	.	"	117
inquinans (Massaria)	"	23	<i>Innesii</i> (<i>Diaporthe</i>)	.	.	"	117
inquinans (Sphaerulina) cxxxi	"	125	<i>inulina</i> (<i>Sphaeria</i>)	.	.	"	140
inquinans (Massaria) xii	"	24	inusta (Kalmusia) xxxiii	.	.	"	45
*insculpta (Zignoella)	"	101	inusta (<i>Shaeria</i>)	.	.	"	45
insignis (Leptosphaeria) lxviii	"	79	<i>involucralis</i> (<i>Leptosphaeria</i>)	.	.	"	128
insignis (Sporormia) xxxvii	"	44	involucralis (Metasphaeria) cxxxv	.	.	"	128
*inspera (Leptosphaeria)	"	88	involucralis (<i>Sphaeria</i>)	.	.	"	128
*insularis (Metasphaeria)	"	147	<i>Iridis</i> (<i>Metasphaeria</i>)	.	.	"	146
intermixta var. <i>constricta</i> (Sphaerul.)	"	124	*iridicola (Metasphaeria)	.	.	"	146
intermixta var. <i>Corni</i> (Sphaerulina)	"	124	<i>irregularis</i> (<i>Sphaeria</i>)	.	.	"	47
intermixta (Sphaerulina) cxxxli	"	124	<i>irregularis</i> (<i>Trematosphaeria</i>)	.	.	"	40
intermixta (<i>Sphaerella</i>)	"	124	<i>Irpex</i> (<i>Diatrype</i>)	.	.	"	40
intermixta (<i>Sphaeria</i>)	"	124	<i>Irpex</i> (<i>Melogramma</i>)	.	.	"	40
intermedia (Sporormia) xxix	"	42	<i>Irpex Rhynchosphaeria</i> xxvii	.	.	"	40
intermedia v. lignicola (Sporor.) xxix	"	42	*islandica (Sphaerulina)	.	.	"	127
*intermedia (Zignoella)	"	102	*Ischoemi (Leptosphaeria)	.	.	"	87

J

Jackii (Melogramma)	"	50	Julii (Melanomma)	.	.	"	32
Janiculi (Metasphaeria)	"	140	juncina (Leptosphaeria) xli	.	.	"	55
*Janus (Leptosphaeria)	"	88	juncina (<i>Sphaerella</i>)	.	.	"	55
*Janus (Lasiosphaeria)	"	115	juncina (<i>Sphaeria</i>)	.	.	"	55
*Jennynsii (Melanomma)	"	38	*Iuncorum (Leptosphaeria)	.	.	"	88
*Juncei (Metasphaeria)	"	146	juniperina (Chaetomastia) xxvi	.	.	"	39
juncicola (Leptosphaeria) liv	"	68	juniperum (Melanomma)	.	.	"	39
junciseda (Leptosphaeria) lxxiii	"	67	juniperina (<i>Spahaeria</i>)	.	.	"	39
*juniperinum (Melanomma)	"	38	jurana (Zignoella) lxxxix	.	.	"	98

K

Kali (Leptosphaeria)	"	143	Keithii (Lasiosphaeria) cxviii	.	.	"	114
Kali (Metasphaeria) clviii	"	143	Keithii (<i>Sphaeria</i>)	.	.	"	114
*Kalmiae (Leptosphaeria)	"	86	Kickxii (Pseudovalsa) xxxvi	.	.	"	49
Kalmusii (Leptosphaeria) lxxix	"	85	Kikxii (<i>Valsa</i>)	.	.	"	49
Keithii (Herpotrichia)	"	114	Kunzeana (Leptosphaeria) lii	.	.	"	66

L

lacustris (Leptosphaeria)	"	129	lageniformis (Sporormia) xxix	.	.	"	42
lacustris (Metasphaeria) cxxxvii	"	129	*Lambottianum (Melanomma)	.	.	"	38
lacustris (<i>Sphaeria</i> ?)	"	129	lampadophora (Ceratosphaeria) lxxxiii	.	.	"	90

<i>lampadophora</i> (<i>Sphaeria</i>) . . .	Pag.	90	<i>licatensis</i> (<i>Leptosphaeria</i>) LXI . . .	Pag.	74
<i>Lamprocarpi</i> (<i>Leptosphaeria</i>) . . .	"	52	<i>lichenoides</i> (<i>Sphaeria</i>) . . .	"	111
<i>Lamprocarpi</i> (<i>Sphaerella</i>) . . .	"	52	* <i>Lichenis sordidi</i> (<i>Metasphaeria</i>) . . .	"	147
<i>lamprotheca</i> (<i>Cryptoderis</i>) LXXXIV . . .	"	93	<i>lichenopsis</i> (<i>Caryospora</i>) . . .	"	37
<i>lamprotheca</i> (<i>Sphaeria</i>) . . .	"	93	<i>lichenopsis</i> (<i>Melanomma</i>) XXVI . . .	"	37
<i>lanciformis</i> (<i>Melanconis</i>) . . .	"	47	<i>lichenopsis</i> (<i>Sphaeria</i>) . . .	"	37
<i>lanciformis</i> (<i>Sphaeria</i>) . . .	"	47	* <i>Lieryana</i> (<i>Metasphaeria</i>) . . .	"	147
<i>lanciformis</i> (<i>Pseudovalsa</i>) XXXV . . .	"	47	<i>limitata</i> (<i>Clypeosphaeria</i>) . . .	"	27
<i>Langloisi</i> (<i>Lophiostoma</i>) . . .	"	36	<i>limitata</i> (<i>Sphaeria</i>) . . .	"	27
* <i>Langloisi</i> (<i>Caryospora</i>) . . .	"	176	* <i>Lindsayana</i> (<i>Metasphaeria</i>) . . .	"	147
<i>Langloisi</i> (<i>Melanomma</i>) XXIV . . .	"	36	<i>lineolaris</i> (<i>Leptosphaeria</i>) LXX . . .	"	80
* <i>lasiosphaeroides</i> (<i>Leptosphaeria</i>) . . .	"	87	* <i>Liriodendri</i> (<i>Metasphaeria</i>) . . .	"	147
<i>larvispora</i> (<i>Lasiosphaeria</i>) CXIX . . .	"	114	<i>littoralis</i> (<i>Leptosphaeria</i>) LXIX . . .	"	79
* <i>latebrosa</i> (<i>Leptosphaeria</i>) . . .	"	88	* <i>loepophagum</i> (<i>Melanomma</i>) . . .	"	38
<i>latericolla</i> (<i>Sphaeria</i>) . . .	"	95	* <i>Lolii</i> (<i>Metasphaeria</i>) . . .	"	147
<i>latericolla</i> (<i>Zignoella</i>) LXXXVI . . .	"	95	<i>Longchampi</i> (<i>Leptosphaeria</i>) . . .	"	71
<i>lateritia</i> (<i>Massaria</i>) . . .	"	45	<i>Longchampi</i> (<i>Sphaeria</i>) . . .	"	71
<i>lateritia</i> (<i>Diatrype</i>) . . .	"	50	* <i>longicolle</i> (<i>Melanomma</i>) . . .	"	38
<i>lateritia</i> (<i>Thyridaria</i>) . . .	"	50	<i>longicollis</i> (<i>Rhynchosphaeria</i>) XXVII . . .	"	40
<i>lateritia</i> (<i>Thyridaria</i>) . . .	"	46	<i>longipes</i> (<i>Calospora</i>) CXXII . . .	"	117
<i>Lathyri</i> (<i>Leptosphaeria</i>) . . .	"	137	<i>longipes</i> (<i>Melanconis</i>) . . .	"	117
* <i>Lathyri</i> (<i>Leptosphaeria</i>) . . .	"	87	<i>longipes</i> (<i>Pseudovalsa</i>) . . .	"	117
<i>Lathyri</i> (<i>Metasphaeria</i>) CXLIX . . .	"	137	* <i>longisetum</i> (<i>Acanthostigma</i>) . . .	"	105
<i>lathyrina</i> (<i>Leptosphaeria</i>) . . .	"	70	* <i>longispora</i> (<i>Zignoella</i>) . . .	"	101
<i>Lathonia</i> (<i>Leptosphaeria</i>) . . .	"	57	* <i>Lonicerae</i> (<i>Metasphaeria</i>) . . .	"	147
* <i>Lecanora</i> (<i>Leptosphaeria</i>) . . .	"	87	<i>Lonicerae</i> (<i>Sphaeria</i>) . . .	"	120
<i>Leersiae</i> (<i>Leptosphaeria</i>) XXXIX . . .	"	53	<i>lonicerina</i> (<i>Sphaeria</i>) . . .	"	32
<i>Leersiae</i> (<i>Metasphaeria</i>) CXXXV . . .	"	128	<i>lonicerinum</i> (<i>Melanomma</i>) . . .	"	32
<i>Leersiana</i> (<i>Leptosphaeria</i>) . . .	"	53	* <i>Lophanti</i> (<i>Leptosphaeria</i>) . . .	"	88
* <i>Leightoni</i> (<i>Sphaerulina</i>) . . .	"	127	* <i>lophistomoides</i> (<i>Melanomma</i>) . . .	"	38
<i>lejostega</i> (<i>Metasphaeria</i>) . . .	"	129	<i>loricata</i> (<i>Massaria</i>) XII . . .	"	23
<i>lejostega</i> (<i>Sphaeria</i>) . . .	"	129	<i>Lucilla</i> (<i>Leptosphaeria</i>) . . .	"	57
<i>Lemaneae</i> (<i>Leptosphaeria</i>) XLV . . .	"	59	<i>Lucina</i> (<i>Leptosphaeria</i>) . . .	"	57
<i>Lemaneae</i> (<i>Sphaeria</i>) . . .	"	59	<i>luctuosa</i> (<i>Leptosphaeria</i>) . . .	"	81
<i>Lenarsii</i> (<i>Melanomma</i>) . . .	"	32	<i>luctuosa</i> (<i>Leptosphaeria</i>) LXX . . .	"	80
<i>Lenarsii</i> (<i>Sphaeria</i>) . . .	"	31	<i>Lunariae</i> (<i>Leptosphaeria</i>) . . .	"	56
* <i>leonina</i> (<i>Chaetosphaeria</i>) . . .	"	28	<i>lunulata</i> (<i>Massaria</i>) . . .	"	119
<i>leporina</i> (<i>Sporormia</i>) XXVIII . . .	"	41	<i>lunulata</i> (<i>Massarina</i>) CXXII . . .	"	119
<i>leporina f. Pruni spinosae</i> (<i>Sporor.</i>) . . .	"	42	<i>Lupuli</i> (<i>Hindersonia</i>) . . .	"	29
<i>leptosphaeroides</i> (<i>Sporormia</i>) XXVIII . . .	"	42	* <i>lusitanica</i> (<i>Leptosphaeria</i>) . . .	"	86
* <i>Lepidiota</i> (<i>Metasphaeria</i>) . . .	"	147	* <i>Luzulae</i> (<i>Leptosphaeria</i>) . . .	"	88
* <i>leptogiphila</i> (<i>Metasphaeria</i>) . . .	"	147	<i>Luzulae</i> (<i>Leptosphaeria</i>) . . .	"	130
<i>leptospora</i> (<i>Cucurbitaria</i>) . . .	"	63	<i>Luzulae</i> (<i>Metasphaeria</i>) CXXXVIII . . .	"	130
<i>leptospora</i> (<i>Leptosphaeria</i>) XLIX . . .	"	63	* <i>Lycopodi</i> (<i>Metasphaeria</i>) . . .	"	146
* <i>leptospora</i> (<i>Zignoella</i>) . . .	"	101	<i>lycopodiicola</i> (<i>Leptosphaeria</i>) LXX . . .	"	80
<i>Libertiana</i> (<i>Lasiosphaeria</i>) . . .	"	111	<i>lycopodicola</i> (<i>Leptosphaeria</i>) . . .	"	59
<i>Libanotis</i> (<i>Leptosphaeria</i>) . . .	"	63	<i>lycopodicola</i> (<i>Sphaeria</i>) . . .	"	59
<i>Libanotis</i> (<i>Pleospora</i>) . . .	"	63			

M

*Maclurae (Metasphaeria) . . .	Pag. 147	"massarioides (Leptosphaeria) . . .	Pag. 88
macrasca (Zignoella) xci . . .	» 99	*Massarina (Metasphaeria) . . .	» 147
macrosporina (Melanconis) . . .	» 48	mastoidea (Sphaeria) . . .	» 120
macrosporina (Pseudovalsa) xxxvi . . .	» 48	mastoidea (Trematosphaeria) . . .	» 120
macrospora (Cucurbitaria) . . .	» 25	*Matthiolae (Zignoella) . . .	» 162
*macrospora (Metasphaeria) . . .	» 147	*Medicaginis (Leptosphaeria) . . .	» 86
*macrospora (Metasphaeria) . . .	» 146	Medicaginis (Leptosphaeria) . . .	» 73
macrospora (Massaria) xv . . .	» 25	Medicaginum (Leptosphaeria) LX . . .	» 73
macrospora (Sphaeria) . . .	» 25	medium (Melanomma) xxi . . .	» 33
macrospora (Zignoella) xciv . . .	» 100	megalospora (Leptosphaeria) lxxx . . .	» 86
macrosporum (Melanomma) . . .	» 100	megalospora (Sporormia) xxix . . .	» 43
macrothecca (Metasphaeria) clii . . .	» 139	megalospora (Trematosphaeria) . . .	» 37
*macrotricha (Herpotrichia) . . .	» 107	*megalospora (Trematosphaeria) . . .	» 38
macrotricha (Sphaeria) . . .	» 106	*megalospora (Zignoella) . . .	» 102
*maculata (Massaria) . . .	» 26	megalosporum (Melanomma) xxvi . . .	» 37
maculans (Leptosphaeria) . . .	» 78	melanommoidea (Leptosphaeria) xl . . .	» 54
maculans (Leptosphaeria) lvi . . .	» 69	melasperma (Sphaeria) . . .	» 47
maculans (Sphaeria) . . .	» 69	melanteria (Sphaeria) . . .	» 53
Magnusiana (Leptosphaeria) xl . . .	» 54	*Meliae (Melogramma) . . .	» 50
Maingayi (Conisphaeria) . . .	» 97	Meliceae Leptosphaeria) . . .	» 84
Maingayi (Zignoella) lxxxvii . . .	» 97	melina (Trematosphaeria) . . .	» 36
Malbrancheana (Aglaospora) . . .	» 47	*melina (Trematosphaeria) . . .	» 38
Malbrancheana (Pseudovalsa) . . .	» 47	Melogramma (Sphaeria) . . .	» 50
mammillana (Clypeosphaeria) . . .	» 27	*Mertensiae (Leptosphaeria) . . .	» 86
mammillana (Sphaeria) . . .	» 26	mesoedema (Heptameria) . . .	» 30
*Marchaliana (Sporormia) . . .	» 44	mesoedema (Sphaeria) . . .	» 30
Marcucciana (Massarina) . . .	» 141	*metuloidea (Metasphaeria) . . .	» 146
Marcucciana (Massaria) . . .	» 141	micacea (Massaria) . . .	» 118
marginalis (Leptosphaeria) . . .	» 57	micacea (Massarina) cxxii . . .	» 118
marginata (Massaria) xv . . .	» 25	Michotii (Leptosphaeria) xxxviii . . .	» 51
*marginata (Leptosphaeria) . . .	» 87	Michotii (Sphaeria) . . .	» 51
Marcyensis (Leptosphaeria) . . .	» 59	Michotii (Sphaerella) . . .	» 52
Marcyensis (Sphaeria) . . .	» 59	microcarpa (Massaria) . . .	» 118
marina (Leptosphaeria) . . .	» 140	microcarpa (Massarina) cxxiii . . .	» 118
*marina (Leptosphaeria) . . .	» 87	*microdoma (Ceratosphaeria) . . .	» 91
*marina (Leptosphaeria) . . .	» 88	Micropogon (Leptosphaeria) xlvi . . .	» 60
marina (Metasphaeria) clii . . .	» 140	microscopica (Leptosphaeria) . . .	» 67
maritima (Leptosphaeria) lxi . . .	» 73	microspora (Massarina) cxxii . . .	» 117
maritima (Sphaeria) . . .	» 73	Millefolii (Leptosphaeria) lxxiv . . .	» 83
Marram (Leptosphaeria) xlvi . . .	» 60	Millefolii (Pleospora) . . .	» 83
Marram (Sphaeria) . . .	» 60	miliaceum (Hypoxylon) . . .	» 109
*Marchaliana (Metasphaeria) . . .	» 147	Minervae (Melanomma) . . .	» 35
*Martinianum (Melanomma) . . .	» 38	minima (Leptosphaeria) xxxviii . . .	» 51
Massalongi (Rebentischia) xviii . . .	» 29	minima (Sphaeria) . . .	» 51
Massalongi (Sphaeria) . . .	» 29	minima (Sporormia) xxviii . . .	» 41
*massarieilla (Leptosphaeria) . . .	» 88	minimum (Lophiostoma) . . .	» 34

minimum (<i>Melanomma</i>) xxii . . .	Pag.	34	Mori (<i>Zignoella</i>) xcvi . . .	Pag.	99
*minor (<i>Metasphaeria</i>) . . .	»	147	<i>Morreni</i> (<i>Clypeosphaeria</i>) . . .	»	27
*minuta (<i>Calospora</i>) . . .	»	117	<i>Morthieri</i> (<i>Trematosphaeria</i>) . . .	»	98
minuta (<i>Lasiosphaeria</i>) . . .	»	104	Morthieri (<i>Zignoella</i>) xc . . .	»	98
minuta (<i>Lasiosphaeria</i>) . . .	»	104	Morthieriana (<i>Leptosphaeria</i>) LXVIII . . .	»	79
minuta (<i>Trematosphaeria</i>) . . .	»	31	<i>mucida</i> (<i>Sphaeria</i>) . . .	»	111
minutissima (<i>Sphaeria</i>) . . .	»	97	<i>mucilaginosa</i> (<i>Herpotrichia</i>) . . .	»	106
minutissima (<i>Zignoella</i>) LXXXIX . . .	»	97	<i>Müggenbergi</i> (<i>Metasphaeria</i>) . . .	»	134
minutum (<i>Acanthostigma</i>) ci . . .	»	104	*Müller (<i>Leptosphaeria</i>) . . .	»	88
minutum v. <i>brachysporum</i> (<i>Acanthost.</i>) ci	»	104	*Müller (<i>Zignoella</i>) . . .	»	101
minutum (<i>Melanomma</i>) xx . . .	»	31	multiseptata (<i>Leptosphaeria</i>) LXXVIII . . .	»	85
*mirabilis (<i>Leptosphaeria</i>) . . .	»	86	<i>mundula</i> (<i>Kalmusia</i>) . . .	»	36
mirabilis (<i>Melanops</i>) . . .	»	121	mundum (<i>Melanomma</i>) xxv . . .	»	36
<i>misella</i> (<i>Cryptoderis</i>) . . .	»	94	<i>muralis</i> (<i>Leptosphaeria</i>) XXXIX . . .	»	53
<i>misella</i> (<i>Gnomonia</i>) . . .	»	94	*musana (<i>Metasphaeria</i>) . . .	»	147
modesta (<i>Leptosphaeria</i>) LXXI . . .	»	81	<i>Musarum</i> (<i>Leptosphaeria</i>) . . .	»	58
*modesta (<i>Ohleria</i>) . . .	»	28	<i>musicola</i> (<i>Lasiosphaeria</i>) cxvi . . .	»	113
<i>modesta</i> (<i>Sphaeria</i>) . . .	»	81	<i>Mussatianum</i> (<i>Melanomma</i>) . . .	»	32
*Molleriana (<i>Herpotrichia</i>) . . .	»	108	*mutabilis (<i>Lasiosphaeria</i>) . . .	»	115
*Molleriana (<i>Herpotrichia</i>) . . .	»	147	*mycophila (<i>Ceratosphaeria</i>) . . .	»	91
<i>Molluginis</i> (<i>Leptosphaeria</i>) . . .	»	56	<i>myriadea</i> f. <i>fraxinea</i> (<i>Sphaerul.</i>) cxxxiv . . .	»	126
*molybdina (<i>Leptosphaeria</i>) . . .	»	87	<i>myriadea</i> (<i>Sphaerella</i>) . . .	»	126
*moniliformis (<i>Leptosphaeria</i>) . . .	»	88	<i>myriadea</i> (<i>Sphaerulina</i>) cxxxiii . . .	»	126
*monotis (<i>Leptosphaeria</i>) . . .	»	87	<i>myriadea</i> f. <i>serograptia</i> (<i>Sphaerul.</i>) cxxxiii . . .	»	126
<i>montaniense</i> (<i>Lophiostoma</i>) . . .	»	29	<i>myriadea</i> (<i>Sphaeria</i>) . . .	»	126
montaniensis (<i>Ceriospora</i>) XVIII . . .	»	29	<i>myriangioides</i> (<i>Hypoxylon</i>) . . .	»	50
montellica (<i>Saccardocella</i>) xcix . . .	»	102	<i>myriangioides</i> (<i>Thyridaria</i>) . . .	»	50
*Montis-Caballi (<i>Lasiosphaeria</i>) . . .	»	115	<i>myriangioides</i> (<i>Thyridaria</i>) . . .	»	46
*Moutonianum (<i>Melanomma</i>) . . .	»	38	Myriaceae (<i>Massarina</i>) cxxvi . . .	»	120
<i>Mori</i> (<i>Melanomma</i>) . . .	»	32	<i>Myricae</i> (<i>Metasphaeria</i>) . . .	»	120
<i>Mori</i> (<i>Trematosphaeria</i>) . . .	»	99	<i>myriocarpa</i> (<i>Sphaeria</i>) . . .	»	31

N

Napi (<i>Leptosphaeria</i>) LXXIX . . .	»	86	<i>nigra</i> (<i>Enchnosphaeria</i>) ciii . . .	»	105
<i>Napi</i> (<i>Pleospora</i>) . . .	»	86	<i>nigrans</i> (<i>Leptosphaeria</i>) . . .	»	74
Nardi (<i>Leptosphaeria</i>) LXII . . .	»	74	* <i>nigrella</i> (<i>Leptosphaeria</i>) . . .	»	87
<i>Nardi</i> (<i>Pleospora</i>) . . .	»	74	<i>nigricans</i> (<i>Leptosphaeria</i>) LX . . .	»	73
<i>Nardi</i> (<i>Sphaeria</i>) . . .	»	74	* <i>nigriseptum</i> (<i>Melanomma</i>) . . .	»	38
<i>nectrioides</i> (<i>Leptosphaeria</i>) . . .	»	84	* <i>nigro-tingens</i> (<i>Metasphaeria</i>) . . .	»	147
<i>neglecta</i> (<i>Leptosphaeria</i>) . . .	»	134	<i>niphidium</i> (<i>Melogramma</i>) . . .	»	50
* <i>neglecta</i> (<i>Metasphaeria</i>) . . .	»	146	<i>nitidula</i> (<i>Zignoella</i>) xcii . . .	»	99
<i>neglecta</i> (<i>Metasphaeria</i>) cxlvi . . .	»	134	* <i>nitrosa</i> (<i>Lasiosphaeria</i>) . . .	»	115
nematasca (<i>Zignoella</i>) xciv . . .	»	100	Nitschkei (<i>Leptosphaeria</i>) LXV . . .	»	77
*nervisequa (<i>Metasphaeria</i>) . . .	»	147	* <i>nivale</i> (<i>Acanthostigma</i>) . . .	»	105
*nesodes (<i>Leptosphaeria</i>) . . .	»	88	<i>nobilis</i> (<i>Leptosphaeria</i>) . . .	»	139
Niessleana (<i>Leptosphaeria</i>) LVII . . .	»	70	<i>nobilis</i> (<i>Metasphaeria</i>) CLI . . .	»	139
Niessleana (<i>Massaria</i>) . . .	»	25			

norfolcia (Leptosphaeria) LXIV	Pag. 76	nucitena (Melanomma)	Pag. 35
norfolcia (Sphaeria)	» 76	nuclearia (Sphaeria)	» 35
Notarisi (Sporormia) XXVIII	» 41	nuclearia (Trematosphaeria)	» 35
Notarisi (Clypeosphaeria) XVII. . . .	» 26	nuclearium (Melanomma) XXIII. . . .	» 35
nucitena (Hypoxylon)	» 35	nuclearium var-majus (Melanomma) XXIII »	35

O

obducens (Melanomma)	» 31	oligosporum (Melogramma)	» 25
obducens (Ohleria)	» 28	*oligothecea (Cryptoderis)	» 93
obducens (Sphaeria)	» 31	*olivaespora (Leptosphaeria)	» 88
obesa (Heptameria) XIX	» 30	ophioboloides (Leptosphaeriopsi) LXXXI	» 89
obesa (Leptosphaeria)	» 30	ophioboloides (Leptosphaeria)	» 89
obesa (Sphaeria)	» 30	Ophiopogon f. Graminum (Leptosph.) XXXVIII »	52
obesula (Leptosphaeria)	» 50	Ophiopogonis (Leptosphaeria) XXXVIII »	52
*obiones (Leptosphaeria)	» 87	Ophiopogonis (Sphaerella)	» 52
obliqua (Zignoella) LXXXV.	» 94	Opuli (Sphaeria)	» 120
*oblisquepta (Sporormia)	» 44	Orchidearum (Leptosphaeria)	» 7
obliterans (Melanomma)	» 96	*ordinata (Winteria)	» 94
obliterans (Sphaeria)	» 96	oreophila (Leptosphaeria) LVII	» 70
obliterans (Zignoella) CXVI	» 96	oreophiloides (Leptosphaeria)	» 70
obtusispora (Leptosphaeria) LXVII	» 72	*Origani (Metasphaeria)	» 147
obtusula (Trematosphaeria)	» 36	*ornata (Chaetosphaeria)	» 28
*obtusum (Melanomma)	» 38	*Orni (Melanomma)	» 38
*occidentale (Acanthostigma)	» 105	orthogramma (Leptosphaeria) LIV	» 68
*occidentale (Melanomma)	» 38	orthogramma (Sphaeria)	» 68
*occulta (Massaria)	» 26	*ortkotricha (Lasiosphaeria)	» 1015
occulta (Massaria)	» 46	*Oryzae (Metasphaeria)	» 146
occulta (Pseudovalsa) XXXIV	» 46	*osculanda (Clypeosphaeria)	» 27
ocellata (Leptosphaeria)	» 128	*ostioloidea (Zignoella)	» 101
ocellata (Metasphaeria)	» 128	*Oudemansii (Zignoella)	» 101
ocellata (Sphaeria)	» 50	ovina (Hormospora)	» 43
octomera (Sporormia) XXXI	» 43	ovina (Lasiosphaeria) CXII	» 111
*odora (Leptosphaeria)	» 88	ovina f. Libertiana (Lasiosph.) CXII	» 111
ogilviensis (Leptosphaeria) LXV.	» 77	ovina (Leptospora)	» 111
ogilviensis (Sphaeria)	» 77	ovina (Sporormia)	» 43
Olearum (Caryospora)	» 36	ovina (Sphaeria)	» 111
Olearum (Melanomma) XXIV	» 36	ovoidea v. runsalensis (Zignoella) XCII	» 99
Olearum (Sphaeria)	» 36	ovoidea (Sphaeria)	» 98
Olearum (Trematosphaeria)	» 36	ovoidea (Zignoella) XCII	» 98
oleipara (Sphaeria)	» 122	ovoideum (Melanomma)	» 98
olericola (Leptosphaeria)	» 58	Owaniae (Leptosphaeria)	» 82
olericola (Sphaeria)	» 58	*Oxyriae (Leptosphaeria)	» 87

P

<i>pachyasca (Kalmusia)</i>	.	.	Pag.	45		<i>Passerinii (Kalmusia)</i>	.	.	Pag.	36
<i>pachyasca</i> var. <i>callista</i> (<i>Sphaerulina</i>)			»	127		<i>passicerinis (Enchospshaeria)</i>	.	.	»	105
<i>pachyasca (Leptosphaeria)</i>	.	.	»	126		* <i>patagonica (Sporormia)</i>	.	.	»	44
<i>pachyasca (Metasphaeria)</i>	.	.	»	126		* <i>patagonica (Zignoella)</i>	.	.	»	101
<i>pachyasca (Sphaeria)</i>	.	.	»	37		<i>patelliformis (Leptosphaeria)</i>	XLVII	.	»	61
<i>pachyasca (Sphaerulina)</i> cxxxii	.	.	»	126		<i>Patouillardii (Ceriospora)</i>	cxxvii	.	»	121
<i>pachyascum (Melanomma)</i> xxv	.	.	»	37		* <i>paucipilis (Lasiosphaeria)</i>	.	.	»	115
<i>pachycarpa (Leptosphaeria)</i> LXV	.	.	»	78		* <i>Peckii (Metasphaeria)</i>	.	.	»	146
<i>pachyspora (Zignoella)</i> LXXXIX	.	.	»	97		* <i>pellita (Leptosphaeria)</i>	.	.	»	87
* <i>pachytheca (Leptosphaeria)</i>	.	.	»	87		<i>Peltigerae (Trichospshaeria)</i>	.	.	»	102
* <i>paecilostoma (Zignoella)</i>	.	.	»	101		<i>Peltigerae (Enchospshaeria)</i>	.	.	»	102
* <i>palustris (Metasphaeria)</i>	.	.	»	146		<i>Peltigerae (Acanthostigma)</i> xcix	.	.	»	102
<i>palmetta (Metasphaeria)</i> CL	.	.	»	138		<i>penicillata (Massarina)</i> cxxiii	.	.	»	118
<i>palmetta (Sphaeria)</i>	.	.	»	138		<i>penicillata (Massaria)</i>	.	.	»	118
<i>pampinea (Leptosphaeria)</i>	.	.	»	132		<i>Penicillus (Leptosphaeria)</i>	.	.	»	71
<i>pampinea (Metasphaeria)</i> cxli	.	.	»	132		<i>peniophora (Conisphaeria)</i>	.	.	»	37
* <i>pampinea (Metasphaeria)</i>	.	.	»	147		<i>peniophora (Trematosphaeria)</i>	.	.	»	37
* <i>pampini (Leptosphaeria)</i>	.	.	»	86		* <i>pensylvanica (Calospora)</i>	.	.	»	117
<i>Panacis (Sphaeria)</i>	.	.	»	29		* <i>pentamera (Sporormia)</i>	.	.	»	44
<i>Panicorum (Metasphaeria)</i> cxxxviii	.	.	»	130		* <i>Periclimeni (Leptosphaeria)</i>	.	.	»	87
<i>Panicum (Sphaerella)</i>	.	.	»	130		* <i>Peridermii (Metasphaeria)</i>	.	.	»	147
* <i>pannicola (Chaetosphaeria)</i>	.	.	»	28		<i>perpusillum (Acanthostigma)</i> ci	.	.	»	104
* <i>papilionacea (Lasiosphaeria)</i>	.	.	»	115		<i>perpusilla B. Typhae (Leptosph.)</i>	.	.	»	56
* <i>papillata (Zignoella)</i>	.	.	»	101		<i>perpusilla (Lasiosphaeria)</i>	.	.	»	104
<i>papulosa (Metasphaeria)</i> CLIV	.	.	»	140		* <i>persistens (Metasphaeria)</i>	.	.	»	146
<i>papulosa f. anisometra (Metasp.)</i> CLVI	»		142			<i>personata (Leptosphaeria)</i> XLVI	.	.	»	60
<i>papulosa f. Debeauxii (Metasp.)</i> CLVI	»		141			<i>pertusa var. anglica (Trematosph.)</i>	.	.	»	34
<i>papulosa f. Marcucciana (Metasp.)</i> CLIV	»		141			<i>pertusa (Sphaeria)</i>	.	.	»	34
<i>papulosa f. epipteridea (Metasp.)</i> CLV	»		141			<i>pertusa (Trematosphaeria)</i>	.	.	»	34
<i>papulosa f. viridarii (Metasp.)</i>	»		140			<i>pertusella (Trematosphaeria)</i>	.	.	»	33
<i>papulosa (Sphaeria)</i>	.	.	»	140		<i>pertusum var. anglicum (Melanomma)</i> xxii	.	.	»	34
* <i>paraguayensis (Zignoella)</i>	.	.	»	101		<i>pertusum (Melanomma)</i> xxii	.	.	»	34
* <i>parasiticum (Acanthostigma)</i>	.	.	»	105		<i>peruviana (Metasphaeria)</i>	.	.	»	142
* <i>parietalis (Enchospshaeria)</i>	.	.	»	106		<i>peruviana (Sphaeria)</i>	.	.	»	142
<i>Parietariae (Leptosphaeria)</i> XLVI	.	.	»	60		<i>petiolicola (Leptosphaeria)</i> LXXIV	.	.	»	83
<i>Parmeliarum (Leptosphaeria)</i> XLVII	.	.	»	61		* <i>pezizaformis (Chaetosphaeria)</i>	.	.	»	28
<i>Parmeliarum (Sphaeria)</i>	.	.	»	61		<i>Pezizula (Herpotrichia)</i>	.	.	»	114
<i>parvicapsa (Chaetosphaeria)</i> XVII	.	.	»	27		<i>Pezizula (Sphaeria)</i>	.	.	»	114
<i>parvicapsa (Sphaeria)</i>	.	.	»	27		<i>Pezizula (Lasiosphaeria)</i> CXVIII	.	.	»	114
<i>parvula (Chaetosphaeria)</i> XVII	.	.	»	28		<i>phaea (Trematosphaeria)</i>	.	.	»	33
<i>parvula (Leptosphaeria)</i>	.	.	»	58		<i>phaeostroma (Chaetosphaeria)</i> XVII	.	.	»	27
<i>Passeriniana (Leptosphaeria)</i>	.	.	»	81		<i>phaeostroma (Sphaeria)</i>	.	.	»	27
<i>Passerinianum (Melanomma)</i> xxiii	.	.	»	35		<i>phaeostromoides (Chaetosphaeria)</i>	.	.	»	28
<i>Passerinii (Leptosphaeria)</i>	.	.	»	81		<i>phaeum (Melanomma)</i>	.	.	»	33
* <i>Passerinii (Leptosphaeria)</i>	.	.	»	87						

*Phiala (Leptosphaeria)	Pag. 86	*polaris (Leptosphaeria)	Pag. 87
*phormicola (Leptosphaeria)	» 88	polymorpha (Massaria)	» 118
*phragmiticola (Leptosphaeria)	» 88	polymorpha (Massarina) cxxiii	» 118
Phyteumatis (Leptosphaeria) lxiv	» 76	Pomona (Leptosphaeria)	» 77
Phyteumatis (Pleospora)	» 76	pomiformis (Rebentischia)	» 29
*Physalidis (Leptosphaeria)	» 87	*pontiformis (Leptosphaeria)	» 87
Phytolaccae (Leptosphaeria) xlvi	» 59	populicola (Zignoella)	» 101
pygmaea (Lasiosphaeria)	» 104	populinæ (Dothidea)	» 93
pygmaea (Sphaeria)	» 94	populina (Zignoella) xcvi	» 100
pygmaea (Zignoella) lxxxv	» 94	*populinum (Melanomma)	» 38
pygmaeum (Acanthostigma) cii	» 104	Porothelia (Leptosphaeria) xxxvii	» 52
*pyrenogenum (Melanomma)	» 38	Porothelia (Melanomma)	» 52
pyrenopezizoides (Leptosphaeria)	» 61	Porothelia (Sphaeria)	» 52
pyxidata (Massaria)	» 24	*porphyrostomum (Melanomma)	» 38
Picastra (Trematosphaeria)	» 98	*Poterii (Leptosphaeria)	» 88
*pileo-ferruginea (Chaetosphaeria)	» 28	Potentillæ (Sphaerulina) cxxx	» 124
pilosella (Chaetomastia) xxvi	» 39	præclara (Leptosphaeria) lxii	» 75
pilosella (Sphaeria)	» 39	præclara var. typhiseda (Lept.) lxii	» 75
pilosellum (Melanomma)	» 39	praetermissa (Leptosphaeria)	» 63
Pinetorum (Enchnosphaeria) cii	» 105	praetermissa (Sphaeria)	» 68
Pinetorum (Herpotrichia)	» 105	pratensis (Leptosphaeria lv)	» 68
pinnarum (Leptosphaeria)	» 141	primulaecola (Leptosphaeria)	» 123
pinnarum (Metasphaeria)	» 141	*primulicola (Metasphaeria)	» 147
*Piri (Massaria)	» 26	primulicola (Sphaerulina) cxxx	» 123
*plagarum (Metasphaeria)	» 147	*primulicola (Sphaerella)	» 153
plagia (Gibberidea) lxxxiii	» 89	*princeps (Trematosph.)	» 38
plagia (Melanomma)	» 89	*profuga (Metasphaeria)	» 146
planiuscula (Leptosphaeria) lxvii	» 78	profusa (Aglaospora)	» 47
planiuscula (Sphaeria)	» 78	profusa (Pseudovalsa) xxxiv	» 47
Platani (Massaria) xiv	» 25	profusa (Sphaeria)	» 47
*platanicola (Leptosphaeria)	» 87	*Proteus (Zignoella)	» 101
platanoïdes (Pseudovalsa)	» 117	*protusa (Massaria)	» 26
platanoïdes (Sphaeria)	» 117	*Pomontorii (Leposphaeria)	» 86
Platanoïdis (Calospora) cxxxii	» 117	prorumpens (Trematosphaeria)	» 97
Platanoidis (Valsa)	» 117	prorumpens (Zignoella)	» 97
platycarpa (Leptosphaeria) li	» 65	*provectum (Melanomma)	» 38
platyroum (Melogramma)	» 50	*psilospora (Letosphaeria)	» 76
*platyspora (Metasphaeria)	» 147	*psilospora (Leptosphaeria)	» 87
*Plegmariae (Metasphaeria)	» 146	Pseudo-Bombarda (Lasiosphaeria) cix	» 110
*Plemeliana (Leptosphaeria)	» 87	Pseudo-Bombarda (Sphaeria)	» 110
plejosporum (Melanomma)	» 40	Pseudo-Bombarda (Trematosphaeria)	» 110
pleuronervia (Sphaeria)	» 122	*Psorae (Metasphaeria)	» 146
pleurospora (Leptosphaeria)	» 75	Ptarmicæ (Leptosphaeria) lxxvii	» 84
pleurostomum (Melanomma) xxiii	» 35	*puccinoides (Metasphaeria)	» 146
*Plumbaginis (Leptosphaeria)	» 87	*Puiggari (Leptosphaeria)	» 87
pleurostoma (Trematosphaeria)	» 35	pulchra (Leptosphaeria) lviii	» 71
Poae (Leptosphaeria)	» 129	pulchra (Massaria) xv	» 25
Poae (Metosphaeria)	» 129	pulchra (Spaerella)	» 71
podoïdes (Sphaeria)	» 50	*pulchra (Sporormia)	» 44
podoïdes (Diatrype)	» 50	pulchella (Sporormia) xxviii	» 42

*pulchrisetum (Acanthostigma) . . .	Pag.	105	pusilla (Ceratosphaeria) . . .	Pag.	91
pulveracea (<i>Cucurbitaria</i>) . . .	»	45	pusilla (Sphaeria) . . .	»	65
pulveracea (Thyridaria) XXXIII . . .	»	45	pusillum (Ceratostoma) . . .	»	91
Pulvis-pyrius (Melanomma) XX . . .	»	31	Pustula (Sphaeria) . . .	»	122
Pulvis-pyrius (Sphaeria) . . .	»	31	Pustula (Hypospila) CXXVIII . . .	»	122
Pulviscula (Melanomma) XIX . . .	»	30	Pustula (Gnomonia) . . .	»	122
pulviscula (Sphaeria) . . .	»	30	Pustula (Isothea) . . .	»	122
Pulviscula (Melanomma) . . .	»	98	Pustula (Phoma) . . .	»	122
pulviscula (Sphaeria) . . .	»	98	pustulatum (Splanchnonema) . . .	»	23
Pulviscula (Zignoella) . . .	»	98	Pupula (Massaria) . . .	»	24
*punctiforme (Acanthostigma) . . .	»	105	Pupula (Sphaeria) . . .	»	24
punctiformis (Zignoella) . . .	»	96	Pupula (Sphaeria) . . .	»	25
punctoidea (Leptosphaeria) . . .	»	55	pupula var. minor. (Sphaeria) . . .	»	119
punctulata (Metasphaeria) CXLVII . . .	»	137	Putaminum (Caryospora) XVI . . .	»	26
purpurea (Leptosphaeria) LVIII . . .	»	71			

Q

*quadriseptata (Leptosphaeria) . . .	»	87	quercina f. bifrons (Hypospila) . . .	»	123
quercreti (Bertia) . . .	»	105	quercina (Sphaeria) . . .	»	117
*quercreti (Zignoella) . . .	»	102	quercina (Sphaeria) . . .	»	47
quercicola (Ohleria) . . .	»	28			

R

*rachidis (Metasphaeria) . . .	»	146	Rhaecodium v. hirsuta (Lasiosph.) CXV . . .	»	113
radiata (Lasiosphaeria) . . .	»	108	Rhaecodium (Sphaeria) . . .	»	112
radiata (Leptospora) . . .	»	108	*rhenana (Ceratosphaeria) . . .	»	91
Ramalinae (Leptosphaeria) XL . . .	»	54	rhenana (Herpotrichia) . . .	»	107
Ramalinae (Sphaeria) . . .	»	54	*rhitudodes (Zignoella) . . .	»	108
*ramenticola (Zignoella) . . .	»	100	rhizomatum (Leptosphaeria) . . .	»	83
*ramulicola (Leptosphaeria) . . .	»	87	*rhynchospora (Lasiosphaeria) . . .	»	115
*ranella (Rehentischia) . . .	»	30	*rhyponta (Massaria) . . .	»	26
*Ranunculi (Leptosphaeria) . . .	»	87	rhodobapha (Sphaeria) . . .	»	95
Ravenelii (Broomella) . . .	»	50	rhodobapha (Zignoella) LXXXVI . . .	»	95
Ravenelii (Hypocrea) . . .	»	50	Rhododendri (Cucurbitaria) . . .	»	32
recessa (Leptosphaeria) LX . . .	»	73	Rhododendri (Melanomma) XX . . .	»	32
*reutita (Metasphaeria) . . .	»	146	*rhodomelum (Melanomma) . . .	»	38
*Rehmiana (Leptosphaeria) . . .	»	87	rhodophaea (Leptosphaeria) LXV . . .	»	77
Rehmii (Hypospila) CXXIX . . .	»	122	*rhodomphala (Herpotrichia) . . .	»	107
Requierii (Melanomma) . . .	»	33	rhoina (Calospora) CXXI . . .	»	116
Resedae (Leptosphaeria) LVI . . .	»	69	rhoina (Diatrype) . . .	»	116
revelata (Sphaeria) . . .	»	120	rhopalispora (Leptosphaeria) LXXII . . .	»	81
revocatum (Acanthostigma) CII . . .	»	104	*Ribis (Leptosphaeria) . . .	»	87
Rhacodium (Lasiosphaeria) CXIV . . .	»	112	rimalis (Leptosphaeria) . . .	»	67

*rimularum (Metasphaeria)	Pag. 146	<i>rubelloides (Sphaeria)</i>	Pag. 84
<i>riparia (Cryptoderis)</i>	» 93	<i>rubelloides (Leptosphaeria)</i>	» 84
<i>riparia (Gnomonia)</i>	» 93	* <i>Ruhn (Herpotrichia)</i>	» 107
<i>riparia (Leptosphaeria)</i>	» 76	<i>Rubi (Massarina)</i>	» 133
<i>Rivana (Leptosphaeria)</i> L1	» 65	<i>Rubi (Massaria)</i>	» 133
<i>Rivana (Sphaeria)</i>	» 64	<i>rubicunda (Leptosphaeria)</i> LIV	» 68
<i>rivularis (Leptosphaeria)</i>	» 58	* <i>rubida (Metasphaeria)</i>	» 147
* <i>Robergia (Metasphaeria)</i>	» 147	<i>rubro-notata (Thyridaria)</i> XXXIII	» 45
<i>Romeana (Lasiosphaeria)</i>	» 111	<i>rubro-notatum (Melogramma)</i>	» 45
<i>Rosarum (Pringsheimia)</i>	» 124	<i>rubro-tincta (Leptosphaeria)</i> LXXVI	» 84
* <i>rostrata (Ceratosphaeria)</i>	» 91	* <i>Rudbeckiae (Leptosphaeria)</i>	» 86
* <i>Rostrupii (Leptosphaeria)</i>	» 87	<i>rufescens (Sphaeria)</i>	» 116
<i>Rothomagensis (Leptosphaeria)</i>	» 66	<i>rugulosa (Ohleria)</i> XVII	» 28
* <i>Rothomagensis (Metasphaeria)</i>	» 147	<i>rupicola (Metasphaeria)</i> CLII	» 139
<i>Roumegueri (Leptosphaeria)</i>	» 145	<i>Rusci (Leptosphaeria)</i> LIX	» 72
<i>Roumegueri (Metasphaeria)</i> CLXII	» 145	<i>Rusci (Sphaerella)</i>	» 72
<i>Roumegueri (Sporormia)</i>	» 41	<i>Rusei (Sphaeria)</i>	» 72
<i>rubella (?) Ampullina)</i>	» 145	* <i>ruscicola (Leptosphaeria)</i>	» 87
<i>rubella (Leptosphaeria)</i>	» 135	* <i>Russelii (Lasiosphaeria)</i>	» 115
<i>rubella (Metasphaeria)</i> CXLIV	» 135	* <i>rustica (Metasphaeria)</i>	» 146

S

* <i>sabauda (Leptosphaeria)</i>	» 87	<i>Sanguisorbae (Leptosphaeria)</i> LXVI	» 78
* <i>sabalicola (Leptosphaeria)</i>	» 87	<i>Sanguisorbae (Leptosphaeria)</i>	» 81
* <i>sabaligera (Clypeosphaeria)</i>	» 27	<i>santonensis (Enchnosphaeria)</i>	» 105
<i>sabuletorum (Leptosphaeria)</i>	» 79	<i>sapeyensis (Leptosphaeria)</i> LVII	» 70
* <i>Sabuletorum (Metasphaeria)</i>	» 146	<i>saprophila (Leptosphaeria)</i>	» 134
<i>sabuletorum (Sphaeria)</i>	» 79	<i>saprophila (Metasphaeria)</i> CXLII	» 133
* <i>Saccardiana (Chaetosphaeria)</i>	» 28	<i>Sarazziniana (Leptosphaeria)</i> L	» 64
<i>Saccardiana (Leptosphaeria)</i>	» 37	* <i>Sarawacensis (Ceratosphaeria)</i>	» 91
<i>Saccardiana (Requienella)</i>	» 37	* <i>sarmenticia (Leptosphaeria)</i>	» 87
* <i>Saccardioides (Acanthostigma)</i>	» 105	* <i>sarmenticola (Metasphaeria)</i>	» 147
* <i>Sacculus (Metasphaeria)</i>	» 146	* <i>scabiens (Leptosphaeria)</i>	» 88
<i>salebrosa (Leptosphaeria)</i>	» 70	<i>scabra (Lasiosphaeria)</i>	» 105
<i>salebricola (Leptosphaeria)</i> LIX	» 71	<i>scalaris (Metasphaeria)</i>	» 101
<i>salicaria (Leptosphaeria)</i>	» 55	<i>scalaris (Sphaeria)</i>	» 101
* <i>salicicola (Zignoella)</i>	» 101	<i>scalaris (Zignoella)</i> XCVII	» 101
<i>Salicinearum (Sphaerella)</i>	» 57	<i>seapophila (Leptosphaeria)</i> LXXXIII	» 82
<i>Salviae (Leptosphaeria)</i> LXXX	» 86	<i>scapophila (Sphaeria)</i>	» 82
* <i>Salvinii (Leptosphaeria)</i>	» 87	<i>Schiedermayeriana (Herpotrichia)</i> CIV	» 107
<i>Sambuci (Kalmusia)</i>	» 46	<i>Scirpi (Metasphaeria)</i> CLIII	» 140
* <i>Sambuci (Metasphaeria)</i>	» 147	<i>scirpicola var. Typharum (Sphaeria)</i>	» 60
<i>Sambuci (Thyridaria)</i> XXXIV	» 46	<i>scirpina (Leptosphaeria)</i>	» 145
* <i>sambucina (Pseudovalsa)</i>	» 49	<i>scirpina (Metasphaeria)</i> CLXI	» 145
* <i>sambucina (Sphaerulina)</i>	» 127	<i>selracantha (Lasiosphaeria)</i>	» 105
<i>sanguinaria (Sphaeria)</i>	» 33		23

<i>scleracanthum (Acanthostigma)</i>	Pag.	104	<i>*sociabilis (Zignoella)</i>	Pag.	102
<i>Scopula (Acanthostigma)</i> cr	»	103	<i>socialis (Leptosphaeria)</i>	»	63
<i>Scopula (Sphaeria)</i>	»	103	<i>sodomaea (Leptosphaeria)</i>	»	87
<i>Scopula (Lasiosphaeria)</i>	»	103	<i>Solani (Leptosphaeria)</i>	»	63
<i>scotophila f. Aconiti (Leptosphaeria)</i>	»	139	<i>solaris (Lasiosphaeria)</i>	»	108
<i>scotophila (Leptosphaeria)</i>	»	71	<i>solaris (Sphaeria)</i>	»	108
<i>*scotophila (Metasphaeria)</i>	»	146	<i>*Solorinae (Melanomma)</i>	»	38
<i>*scrophulariae (Leptosphaeria)</i>	»	88	<i>soluta (Sphaeria)</i>	»	97
<i>*Secalis (Leptosphaeria)</i>	»	87	<i>soluta (Zignoella)</i>	LXXXVIII	»
<i>*secedens (Calospora)</i>	»	117	<i>sorbina (Lasiosphaeria)</i>	cvi	108
<i>segregata (Sphaeria)</i>	»	96	<i>sorbina v. radiata (Lasiosph.)</i>	cvi	108
<i>segregata (Zignoella)</i>	LXXXVII	»	<i>sorbina (Sphaeria)</i>	»	108
<i>seiridia (Massaria)</i>	»	47	<i>*sorgophila (Leptosphaeria)</i>	»	88
<i>*Smen (Metasphaeria)</i>	»	146	<i>Sowerbyi (Leptosphaeria)</i>	LXVI	»
<i>seminis (Melanomma)</i>	xxv	»	<i>*Sparganii (Metasphaeria)</i>	»	147
<i>seminis (Sphaeria)</i>	»	37	<i>*sparsa (Leptosphaeria)</i>	»	87
<i>*seminudum (Melanomma)</i>	»	38	<i>*sparsum (Melanomma)</i>	»	38
<i>semitecta (Massaria)</i>	»	25	<i>*Spartii (Metasphaeria)</i>	»	147
<i>semitecta (Sphaeria)</i>	»	25	<i>spatharum (Leptosphaeria)</i>	»	141
<i>*Senecionis (Metasphaeria)</i>	»	146	<i>spatharum (Metasphaeria)</i>	»	141
<i>sepincola var. Aquilegiae (Metasphe.)</i>	»	133	<i>Spartinae (Leptosphaeria)</i>	LXIX	»
<i>sepincola (Metasphaeria)</i>	CLXII	»	<i>spectabilis (Leptosphaeria)</i>	LVII	»
<i>sepincola (Sphaeria)</i>	»	133	<i>Spegazzinii (Sporormia)</i>	xxx	»
<i>*sepulta (Metasphaeria)</i>	»	147	<i>spermoïdes (Lasiosphaeria)</i>	cvi	109
<i>sequanica (Zignoella)</i>	xc	»	<i>spermoïdes (Leptospora)</i>	»	109
<i>*Sequojae (Acanthostigma)</i>	»	105	<i>spermoïdes (Sphaeria)</i>	»	109
<i>*Sequojae (Zignoella)</i>	»	101	<i>spermoïdes b. stannea (Lasiosph.)</i>	»	109
<i>*serbica (Leptosphaeria)</i>	»	87	<i>*sphaerelloides (Metasphaeria)</i>	»	146
<i>seriata (Leptosp.)</i>	»	83	<i>*Sphagni (Lasiosphaeria)</i>	»	115
<i>seriata (Stigmata)</i>	»	124	<i>*Sphagnorum (Lasiosphaeria)</i>	»	115
<i>seriata (Sphaeria)</i>	»	95	<i>*Sphyridiana (Leptosphaeria)</i>	»	87
<i>seriata (Zignoella)</i>	LXXVI	»	<i>spinulosa (Enchnosphaeria)</i>	xcvii	»
<i>serograpta (Sphaerulina)</i>	»	126	<i>spinifera (Sphaeria)</i>	»	50
<i>serograpta (Sphaeria)</i>	»	126	<i>Spireae (Leptosphaeria)</i>	LXIII	»
<i>serograpta (Sphaerella)</i>	»	126	<i>*Sporoboli (Leptosphaeria)</i>	»	87
<i>*setosa (Lasiosphaeria)</i>	»	115	<i>*squalens (Massaria)</i>	»	26
<i>setosa (Leptosphaeria)</i>	»	81	<i>squamata (Metasphaeria)</i>	CLIX	»
<i>setosum (Melanomma)</i>	»	39	<i>squamata (Sphaeria)</i>	»	140
<i>setulosa (Leptosphaeria)</i>	»	89	<i>spiniferum (Melogramma)</i>	XXXVII	»
<i>*sibirica (Leptosphaeria)</i>	»	86	<i>stannea (Lasiosphaeria)</i>	cvi	109
<i>sicula (Leptosphaeria)</i>	»	75	<i>*staphylina (Metasphaeria)</i>	»	146
<i>sigmoidea (Melanconis)</i>	»	47	<i>*Staphyleae (Sphaerulina)</i>	»	127
<i>sigmoidea (Pseudovalsa)</i>	XXXV	»	<i>Steironematis (Leptosphaeria)</i>	LII	»
<i>Silenes-acaulis (Leptosphaeria)</i>	»	60	<i>*Stellariae (Leptosphaeria)</i>	»	87
<i>Silvanum (Melanomma)</i>	xix	»	<i>*stenotheca (Metasphaeria)</i>	»	147
<i>*silvatica (Leptosphaeria)</i>	»	87	<i>*Stereocaulorum (Metasphaeria)</i>	»	146
<i>*slavonica (Metasphaeria)</i>	»	147	<i>*stereicola (Leptosphaeria)</i>	»	87
<i>*Smilacis (Leptosphaeria)</i>	»	88	<i>stercoris (Hormospora)</i>	»	41
<i>socia (Leptosphaeria)</i>	»	134	<i>stercoris (Sporormia)</i>	»	41
<i>socia (Metasphaeria)</i>	CXLIII	»	<i>*Stevensonii (Melanomma)</i>	»	38

*sticta (Leptosphaeria) . . .	Pag. 87	subcutanea (Metasphaeria) CXLIX . . .	Pag. 137
*stictoides (Leptosphaeria) . . .	» 88	subcutanea (Sphaeria) . . .	» 137
stictostoma (Leptosphaeria) . . .	» 143	subdispersa (Sphaeria) . . .	» 33
stictostoma (Metasphaeria) CLVII . . .	» 143	subdispersum (Melanomma) XXI . . .	» 33
stictostoma (Sphaeria) . . .	» 143	*subferruginea (Zignoella) . . .	» 101
stillbostoma (Sphaeria) . . .	» 117	subglacialis (Sphaerulina) CXXXII . . .	» 125
*Stipae (Lasiosphaeria) . . .	» 115	*subgregarium (Lophidium) . . .	» 157
*stipitata (Massaria) . . .	» 26	sublanosa (Lasiosphaeria) CIX . . .	» 110
stylospora (Pseudovalsa) XXXV . . .	» 48	sublanosa (Metasphaeria) . . .	» 110
stylospora (Pseudovalsa) . . .	» 49	sublanosa (Sphaeria) . . .	» 110
striaeformis a Arundinis (Sphaeria)	» 69	*subsibilis (Metasphaeria) . . .	» 147
*striata (Leptosphaeria) . . .	» 87	*subsparsum (Melanomma) . . .	» 38
strigosa v. canescens (Lasiosph.) CVII . . .	» 109	subtecta (Leptosphaeria) LI . . .	» 66
strigosa (Lasiosphaeria) CVII . . .	» 108	subvelutina (Lasiosphaeria) . . .	» 104
strigosa (Leptospora) . . .	» 109	*subvestita (Zignoella) . . .	» 203
strigosa (Sphaeria) . . .	» 109	*succinta (Massaria) . . .	» 26
striolata (Leptosphaeria) LXIII . . .	» 75	suffulta (Leptosphaeria) XLVIII . . .	» 62
stuppea (Lasiosphaeria) CXIX . . .	» 110	suffulta (Sphaeria) . . .	» 62
*subambigua (Lasiosphaeria) . . .	» 115	*sulcatum (Melanomma) . . .	» 38
*subcaespitosa (Leptosphaeria) . . .	» 87	sulphurella (Lasiosphaeria) CXIII . . .	» 112
*subcaudata (Lasiosphaeria) . . .	» 115	surrecta (Kalmusia) . . .	» 45
subconica (Leptosphaeria) . . .	» 68	surrecta (Sphaeria) . . .	» 34
subconica (Leptosphaeria) XLVIII . . .	» 62	surrectum (Melanomma) XXII . . .	» 34
subconica (Sphaeria) . . .	» 62	*Sycii (Leptosphaeria) . . .	» 87
*subcorticalis (Zignoella) . . .	» 201		

T

*Tamaricis (Leptosphaeria) . . .	» 87	*ticinensis (Sporormia) . . .	» 44
*taphrinoides (Melanomma) . . .	» 38	*Tiliae (Massarina) . . .	» 120
taxicola (Leptosphaeria) . . .	» 125	*tinctoria (Metasphaeria) . . .	» 147
taxicola (Sphaeria) . . .	» 125	*tingens (Zignoella) . . .	» 101
taxicola (Sphaerulina) CXXXIV . . .	» 125	*Tini (Leptosphaeria) . . .	» 86
tenera (Leptosphaeria) LIX . . .	» 72	Titan (Diatrype) . . .	» 49
tenera (Sphaeria) . . .	» 72	Titan (Pseudocalcsa) . . .	» 49
*Tephrosiae (Leptosphaeria) . . .	» 87	*Todeae (Sphaerulina) . . .	» 127
*Tephrotricha (Lasiosphaeria) . . .	» 115	torcens (Sphaeria) . . .	» 33
Terebinthi (Melanomma) . . .	» 31	tornatum (Melanomma) XXIV . . .	» 85
*Teucrii (Leptosphaeria) . . .	» 88	*torulispore (Leptosphaeria) . . .	» 88
*texensis (Thyridaria) . . .	» 46	turulispore (Metasphaeria) CLX . . .	» 144
*Thalictri (Metasphaeria) . . .	» 146	translucens (Leptosphaeria) . . .	» 72
thelebola (Aglaospora) . . .	» 49	translucens (Zignoella) LXXXVII . . .	» 96
Thielensi (Leptosphaeria) . . .	» 85	transylvanica (Zignoella) . . .	» 102
Thielensi (Pleospora) . . .	» 85	transylvanica (Saccardoella) XC VIII . . .	» 102
Thomasiana (Leptosphaeria) LVIII . . .	» 62	tribulosa (Calospora) . . .	» 47
Thwaitesii (Metasphaeria) CXXXVIII . . .	» 130	tribulosa (Valsa) . . .	» 47
Thwaitesii (Sphaeria) . . .	» 130	*trichiacea (Lasiosphaeria) . . .	» 115

<i>trichostoma</i> (<i>Leptosphaeria</i>) . . .	Pag.	142	tubulosa (<i>Pseudovalsa</i>) xxiv . . .	Pag.	47
<i>trichostoma</i> (<i>Metasphaeria</i>) clvii . . .	"	142	<i>tubulosa</i> (<i>Valsa</i>) . . .	"	47
<i>trichostoma</i> v. <i>xerophila</i> (<i>Metasphe.</i>) clvii . . .	"	143	<i>Typhae</i> (<i>Rebentischia</i>) . . .	"	29
* <i>triglochinicola</i> (<i>Leptosphaeria</i>) . . .	"	88	<i>Typharum</i> (<i>Leptosphaeria</i>) liii . . .	"	66
<i>trimera</i> (<i>Leptosphaeria</i>) . . .	"	52	<i>Typharum</i> (<i>Pleospora</i>) . . .	"	66
<i>Triticci</i> (<i>Leptosphaeria</i>) . . .	"	56	<i>Typharum</i> (<i>Sphaeria</i>) . . .	"	66
<i>Triticci</i> (<i>Pleospora</i>) . . .	"	55	<i>Typhae</i> (<i>Leptosphaeria</i>) . . .	"	56
<i>Trollii</i> (<i>Metasphaeria</i>) cxxxv . . .	"	128	<i>typhicola</i> (<i>Leptosphaeria</i>) lxxxviii . . .	"	85
<i>tuberculigera</i> (<i>Winterella</i>) lxxxv . . .	"	94	<i>typhicola</i> (<i>Leptosphaeria</i>) . . .	"	74
<i>tuberculigera</i> (<i>Winteria</i>) . . .	"	94	<i>typhiseda</i> (<i>Leptosp.</i>) . . .	"	75
* <i>tubulosa</i> (<i>Calospora</i>) . . .	"	117			

U

<i>Ulmi</i> (<i>Massaria</i>) xiii . . .	"	24	<i>umbrosa</i> (<i>Leptosphaeria</i>) lviii . . .	"	71
<i>Ulmi</i> (<i>Ohleria</i>) . . .	"	28	<i>umbrosa</i> (<i>Massaria</i>) . . .	"	71
* <i>uliginosa</i> (<i>Leptosphaeria</i>) . . .	"	87	<i>uncinata</i> (<i>Heptameria</i>) xix . . .	"	30
<i>Ulcis</i> (<i>Ceriospora</i>) . . .	"	121	<i>uncinata</i> (<i>Leptosphaeria</i>) . . .	"	30
* <i>Ulcis</i> (<i>Calospora</i>) . . .	"	117	* <i>undulata</i> (<i>Calospora</i>) . . .	"	117
<i>ulmicola</i> (<i>Sporormia</i>) . . .	"	42	<i>unicaudata</i> (<i>Rebentischia</i>) xviii . . .	"	29
<i>umbilicata</i> (<i>Sphaerulina</i>) cxxxiii . . .	"	126	<i>unicaudata</i> (<i>Sphaeria</i>) . . .	"	29
<i>umbonata</i> (<i>Melanconis</i>) . . .	"	47	* <i>urceolata</i> (<i>Massaria</i>) . . .	"	26
<i>umbonata</i> (<i>Pseudovalsa</i>) xxxv . . .	"	47			

V

<i>vagabunda</i> (<i>Leptosphaeria</i>) xlvi . . .	"	58	<i>Vincae</i> (<i>Metasphaeria</i>) cxxxvii . . .	"	129
<i>vagabunda</i> (<i>Leptosphaeria</i>) . . .	"	133	<i>Vincae</i> (<i>Sphaerella</i>) . . .	"	129
<i>vagans</i> (<i>Leptosphaeria</i>) liii . . .	"	67	<i>Vincae</i> (<i>Sphaeria</i>) . . .	"	129
<i>vagans</i> f. <i>Scirpi</i> (<i>Leptosphaeria</i>) . . .	"	140	* <i>Vincentii</i> (<i>Zignoella</i>) . . .	"	102
<i>vagans</i> (<i>Melogramma</i>) xxxvii . . .	"	50	<i>Vindelicorum</i> (<i>Trematosphaeria</i>) . . .	"	34
* <i>Vahli</i> (<i>Leptosphaeria</i>) . . .	"	87	<i>vinealis</i> (<i>Leptosphaeria</i>) . . .	"	56
* <i>variabilis</i> (<i>Sporormia</i>) . . .	"	44	* <i>vinosa</i> (<i>Leptosphaeria</i>) . . .	"	87
<i>Variolaria</i> (<i>Melogramma</i>) . . .	"	50	<i>virginica</i> (<i>Leptosphaeria</i>) lxvii . . .	"	78
* <i>vectis</i> (<i>Leptosphaeria</i>) . . .	"	87	<i>virginica</i> (<i>Sphaeria</i>) . . .	"	78
* <i>Veddelii</i> (<i>Leptosphaeria</i>) . . .	"	88	* <i>viridella</i> (<i>Leptosphaeria</i>) . . .	"	86
* <i>Verrucaria</i> (<i>Melanomma</i>) . . .	"	38	* <i>viridicoma</i> (<i>Lasiosphaeria</i>) . . .	"	115
* <i>verrucarioides</i> (<i>Zignoella</i>) . . .	"	101	<i>Visci</i> (<i>Gibberidea</i>) lxxxi . . .	"	89
<i>Vesuvius</i> (<i>Melanomma</i>) xxiv . . .	"	36	<i>Vitalbae</i> (<i>Leptosphaeria</i>) lxxvii . . .	"	84
<i>Vesuvius</i> (<i>Sphaeria</i>) . . .	"	36	<i>Vitalbae</i> v. <i>clavigera</i> (<i>Leptosp.</i>) lxxvii . . .	"	85
<i>Vesuvius</i> (<i>Trematosphaeria</i>) . . .	"	36	* <i>vitigena</i> (<i>Leptosphaeria</i>) . . .	"	86
* <i>vexans</i> (<i>Sporormie</i>) . . .	"	44	<i>Vitis</i> (<i>Cucurbitaria</i>) . . .	"	134
* <i>vile</i> (<i>Melanomma</i>) . . .	"	38	* <i>Vitis</i> (<i>Leptosphaeria</i>) . . .	"	88
<i>vilis</i> (<i>Lasiosphaeria</i>) cix . . .	"	111	<i>vomitaria</i> (<i>Massaria</i>) . . .	"	24
<i>Vincae</i> (<i>Leptosphaeria</i>) . . .	"	129	* <i>Vitis</i> (<i>Zignoella</i>) . . .	"	201

W

Weberi (Leptosphaeria) LIV	Pag. 68	|	Winteri (Massaria)	Pag. 123
*Winteri (Leptosphaeria)	» 87	|	Winteri (Massarina)	» 120

X

xantha (Ceriospora) XVIII	» 29	|	Xerophylli (Metasphaeria) CL	» 138
*xanthotricha (Chaetosphaeria)	» 28	|	xestothcle (Herpotrichia)	» 107
Xanthoxyli (Pseudovalsa)	» 49	|	xestothele (Lasiosphaeria) cv	» 107
xerophila (Metasphaeria)	» 143	|	xestothele (Sphaeria)	» 107
Xerophylli (Leptosphaeria)	» 138			

Y

Yulan (Leptosphaeria) LXIV	» 77	|	Yulan v. Pomona (Leptosph.)	» 77
------------------------------------	------	--	-------------------------------------	------

Z

*Zea (Metasphaeria)	» 147	|	*Ziphii (Leptosphaeria)	» 87
*zizaniaecola (Leptosphaeria)	» 88	|	*Zopfi (Calospora)	» 117



2

