

Nuovo Giornale botanico italiano. V. 14... (1882)

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mune non si presenta precisamente negli stessi organi, perchè nelle Balsaminee la forza elastica risiede nelle valve del pericarpio, nei generi *Erodium*, *Geranium* e *Pelargonium* è in certo modo sensibile nei carpelli che alla maturità si distaccano dall'asse, elasticamente restituendosi nei loro primitivi elementi, mentre nelle Oxalidacee è nel tegumento seminale, onde non ci sarebbe forse ragione a vedere in queste particolarità che una analogia stentata, ma per quanto poco questo carattere volesse stimarsi, certamente che considerati i vari punti di contatto che presenta l'organizzazione florale e del frutto in questi gruppi, questa analogia è un tratto di più che collega più intimamente fra di loro le Geraniacee, le Balsaminacee e le Oxalidacee.

Non perciò noi crediamo però che si possa, come di recente si è fatto, riunire sotto il titolo di Geraniacee questi gruppi, fra i quali passano poi differenze, come quelle nell'abito, nelle proprietà, nella distribuzione geografica, che assolutamente fanno rifuggire da ogni idea di affinità di tale grado a costituire una sola famiglia. Onde seguendo il giusto concetto che l'Heister introdusse per il primo della subordinazione dei gruppi, conviene basarsi sul piano di struttura florale che queste famiglie delle polipetale ipogine hanno comune ed uniforme, per costituirne un gruppo di inferiore valore delle classi, ma superiore a quello di famiglie, che rappresenterebbe una coorte nel senso Endlicheriano, che si potrebbe chiamare col nome simbolico di *Gruinales*, che esprimerebbe molto più esattamente l'idea complessa, che non si farebbe col chiamare Geraniacee, delle Oxalidacee, delle Balsaminacee, o delle Tropeolacee.

LICHENUM ITALIAE MERIDIONALIS MANIPULUS QUARTUS, QUEM COLLEGIT ET ORDINAVIT A. JATTA.

Lichenes in hoc Manipulo IV contenti lecti sunt:

1. a cl. Prof. *J. A. Pasquale* in *Calabria*, in agro neapolitano, et in aliis Italiae Meridionalis regionibus;
2. a cl. D.^{no} *Fittipaldi* et D.^{no} *S. Pomodoro* in *Lucania*;

3. a cl. Prof. *A. Todaro* in Sicilia;

4. et a nobis ipsis in insula Inarime, in agro puteolano, in Apulia, in Japygia, in Lucania, alioque.

His addimus etiam species nonnullas in Herbariis cl.^{mi} Prof. *N. Pedicini* et Com. *Elisabethae Fiorini-Mazzanti* recognitas, ac alias quarum cl. Prof. *Fr. Baglietto* benigne nobis notitiam dedit.

Praedictis amicis et fautoribus novas ac majores agimus gratias.

Quum in hoc Manipulo lichenes lectos a Professore *Todaro* in Sicilia benevolentia cl. *B. Vincentii Cesati* datum sit nobis connumerare, ideo addenda est ad *Lichenographiam neapolitanam* notitia quoque opusculi, quod cl. *Franciscus Tornabene* de Siciliae lichenibus edidit.¹

In *Lichenographia sicula Francisci Tornabene* enumerantur LVIII species ac XXX varietates lichenum, qui omnes in regione Aetnaea lecti sunt; ac conspectus novi systematis delineatur, in quo species distribuuntur in IX familias, et XVII genera. — Secundum hoc systema genus *Umbilicaria* amplectitur et *Gyrophoras*; sub genere *Collemate* indicantur duo *Synechoblasti*; sub *Lecidea* comprehenduntur genera *Rhizocarpon*, *Lecidea*, *Thalloidima*, *Diplotomma*; sub genere novo *Gussonia* enumerantur *Aspicilia*, *Acarospora*, *Haematomma*; in alio novo genere *Gasparrinea* continentur *Placodium*, *Zeora*, *Amphiloma*, *Lecanora*, *Blastenia*, *Ochrolechia*, *Rinodina* et *Candelaria*; inter *Parmelias* recensentur *Imbricariae* et *Physciae*; et cum *Cetraria* est *Cornicularia*. Ab auctore *Evernia* nominatur genus *Bryopogon*; *Everniae* autem nomine novo *Tenorea* nuncupantur.

Sed cum in determinatione generum, tum in definitione specierum, characteres interni, qui tantum auxilio *microscopii* inspicere possunt, praetermittuntur, adeo ut systematis fundamentum in habitu externo dumtaxat instituat.

Tribus denique tabulis in calcem opusculi insertis illustrantur lichenes sequentes:

1. *Endocarpon miniatum* var. *Aetnaeum* Tornab.; idest.: *Endocarpon miniatum leptophyllum* Ach.

¹ 1849. *Lichenographia sicula* auctore *Francisco Tornabene*, Benedectino Cassinensi, Cataniae Typ. Academiae Joenae, apud *Felicem Sciuto*.

2. *Endocarpon Maravignae* Tornab.; quod Prof. Garovaglio credidit *Endocarpyscum Guepini* Nyl.¹

3. *Gussonea* (Acorospora) *chlorophana* Mass.

4. *Lecidea Tinei* Tornab., quae potius videtur: *Rhizocarpon geographicum* Mtg.

5. *Lecidea confluens* Web.

6. *Lecidea* (Thalloidima) *vesicularis* Hffm.

7. *Cladonia aetnaensis* Tornab., vel potius forma *Cladoniae rangiformis* Hffm.

8. *Stereocaulon Vesuvianum* Pers.

Deinde A. Concilio Botanicorum Catina congregato *Supplementum* quoddam in *Lichenographiam siculam* exhibuit: hoc vero, quod nunquam edidit in posterum, nos tantum in actis Concilii laudatum invenimus.

I. LICHENES HETEROMERICI Wallr.

Fam. I. USNEAE.

(Man. III, 201)

Gen. I. *Usnea* Dill.

(Man. I, 15; III, 201)

(1) 1. USNEA BARBATA Ach. var. *sorediifera* Arnold Ausflüg. Lich. in Tirol XIV, 471.

Ad truncos in *Majella*.

(2) 2. U. CERATINA Ach. Univ. 619! Krb. Syst. 4. — *Usneae barbatae* var. Schaer. En. 3; Nyl. Syn. 268. — Exs. Schaer. LH. 400.

Ad truncos in *Majella*; in *Gargano* (Pedic.); in *Sicilia* (Tod.).

¹ Garovaglio, *Comm. De Lich. End.* 37. — *Mem. del R. Ist. Lomb.* vol. XII, III, Ser. 3.

Gen. II. **Bryopogon** Lnk.

(Man. I, 16)

- (3) 1. BRYOPOGON JUBATUM L. var. *prolixum* Ach. * *canum*
(Ach.) Krb. Syst. 5. — Exs. Schaer. LH. 496; Rbh.
L. E. 212.
Ad truncos in Sicilia (Tod.).

Gen. III. **Ramalina** Ach.

(Man. I, 21; III, 202).

- (4) 1. RAMALINA FARINACEA Ach. (Man. II, 202).

*Forma saxicola:**Contracta, sterilis, ad saxa peculiaris.*

Ad rupes in insula *Inarime* in summitate montis
S. Nicola; in *Lucania* (Gasparrini); in *Sicilia* (Tod.);
prope Neapolim *Ponti rossi* (Pasq.).

- (5) * 2. R. FRAXINEA (L.) Krb.

a. *ampliata* Ach. (Man. I, 21). — Exs. Rbh. L. E. 248, 249.

Ad truncos in *Majella*; in *Sicilia* (Tod.).

b. *angulosa* Mass. Sched. 17. — Exs. Mass. L. it. 117.

Ad truncos in *Sicilia* (Tod.).

- (6) * 3. R. CALYCARIS (Fr.) Krb.

a. *torulosa* Mass. (Man. III, 202).

Ad truncos in *Majella*; in *Sicilia* (Tod.).

b. *fastigiata* Ach. (Man. I, 8). — Exs. Rbh. L. E. 101, 247.

Ad truncos in *Sicilia* (Tod.); in Samnio (Pedicin.).

c. *caniculata* Tayl. (Man. I, l. c.). — Exs. Rbh. L. E. 952.

Ad truncos in *Sicilia* (Tod.).

d. *pumila* Moris. — *Ramalina fastigiata* β *pumila* Mo-
ris et Dntrs. Fl. Capr. 150; Bagl. Prosp. lich.

Sard. 217. — Ram. polymorpha var. *humilis* Mass.

Sched. 127. — Exs. Erb. crit. it. II, 62.

Ad truncos in *Sicilia* (Tod.).

- (7) * 4. R. POLLINARIA Ach. (Man. I, 22). — Exs. Rbh. L. E. 893.

Ad piros, *Chiaromonte* in *Lucania* (Pomod.); ad fru-
tices prope *Avigliano* in *Lucania*; in *Sicilia* (Tod.).

Gen. IV. **Evernia** Ach.

(Man. I, 23; III, 203)

- (8) * 1. **EVERNIA PRUNASTRI** L. (Man. I, 23).
Ad rupes in insula *Inarime*; ad frutices in *Lucania*;
in *Sicilia* (Tod.).
- (9) * 2. **E. FURFURACEA** Fr. (Man. I, 23). — Exs. Rbh. L. E. 250.
Ad truncos *Bosco di Potenza*; in *Sicilia* (Tod.).

Gen. V. **Roccella** Bauh.

(Man. I, 20)

- (10) * 1. **ROCCELLA PHYCOPSIS** Ach. var. *Cecilia Metella* Beltr.
Pis. — Exs. Rbh. L. E. 958.
Ad rupes in insula *Inarime* (*Via di Barano*).

Fam. II. **CLADONIEAE.**

(Man. III, 203)

Gen. VI. **Stereocaulon** Schreb.

(Man. I, 17; II, 214; III, 302)

- (11) * 1. **STEREOCAULON VESUVIANUM** Pers. (Man. I, 17). — Exs.
Rbh. L. E. 160.
Ad rupes, *Catania* (Gasparrini).

Gen. VII. **Cladonia** Hffm.

- (12) * 1. **CLADONIA DEGENERANS** Flk. var. *trachyna* Rbh. in exs.
Exs. Rbh. Cl. exs. XVII, 10; L. E. 299-301.
Ad terram in insula *Inarime* (*M. Rotaro*).
- (13) * 2. **CLADONIA ENDIVIAEFOLIA** Deks. (Man. I, 18). — Exs.
Rbh. L. E. 281, 792.
Ad terram in *Sicilia* (Tod.); in *Lucania* (Gasparrini,
Lofoco).

- (14) * 3. *C. PYXIDATA* L.
 1. var. *Pocillum* Ach. (Man. III, 204). — Exs. Rbh. L. E. 840.
 In *Sicilia* (*Ustica*) (Tod.); in *Galdo* (Fitt.); in *Resina* (Pasq.); in *Lucania* (Gasparrini).
 2. var. *neglecta* Flk. Krb. Syst. 18. — *Cladonia neglecta* Schaer. En. 192. — Exs. Schaer. LH. 270; Rbh. L. E. 298.
 Ad terram in insula *Inarime*; in *Sicilia* (Tod.).
- (15) * 4. *C. FIMBRIATA* Hffm.
 1. var. *vulgaris* Krb. Syst. 22. — Exs. Rbh. L. E. 283-286.
 In Vesevo *Ottajano* (Pasq.).
 2. var. *carneopallida* Ach. Syn. 195. — *C. fimbriata* β *brevipes* Schaer. 4 *prolifera* (Fw.) Krb. Syst. 23.
 Ad truncos putridos in *Sicilia* (Tod.).
- (16) * 5. *C. FURCATA* Schreb.
 1. var. *racemosa* Wahl. — Exs. Rbh. L. E. 273-278.
 a. *squamulosa* Schaer. (Man. I, 19).
 Ad terram in Vesevo (Pasq.).
 b. *recurva* Hffm. (Man. I, l. c.).
 Ad terram *Marina d' Ischitella* (Pasq.); *Sicilia* (Tod.); *Calabria, alla Nocellara* (Pasq.).
 2. var. *pungens* Fr. (Man. I, 19). — Exs. Rbh. L. E. 277.
 Ad terram in *Sicilia* (Tod.).
- (17) * 6. *C. MACILENTA* (Hffm.) Fr. (Man. III, 204).
 Ad terram in Vesevo (Pasq.)
- (18) * 7. *C. RANGIFERINA* L. β *sylvatica* Hffm. (Man. I, 20). —
 Exs. Rbh. L. E. 269-271.
 Ad terram in *Calabria* (Pasq.); in *Lucania* (Gasparrini).

Fam. III. SPHAEROPHOREAE.

Gen. VIII. **Sphaerophorus** Pers.

(Man. I, 24)

- (19) * 1. SPHAEROPHORUS CORALLOIDES Pers. (Man. I, 24). — Exs. Rbh. L. E. 90, 234.
 Ad terram in *Sicilia* (Tod.).

Fam. IV. CALICIEAE Fr.; Krb. Syst. XXIII.

Caliciei Nyl. Syn. 141.

Gen. IX. *Calicium* Pers.

(Man. II, 231)

(20) 1. CALICIUM TRACHELINUM (Ach.) Fr. L. E. 290; Krb. Syst. 311;

Nyl. Syn. 154. — *C. hyperellum* var. *salicinum* Schaer.

En. 167. — Exs. Schaer. LH. 243; Rbh. L. E. 114.

Ad truncos abietum in sylvis Lucaniae, *Avigliano*.

(21) 2. C. PUSILLUM (Flk.) Krb. Syst. 308; Nyl. Syn. 157. —

C. nigrum var. *pusillum* Schaer. En. 169; *C. sub-**tile* Fr. L. E. 388. — Exs. Rbh. L. E. 463.Ad truncos Castanearum in insula *Inarime* (*La pera di sopra*).

Fam. V. PARMELIEAE.

(Man. III, 205)

Sub-Fam. I. *Cetrariaceae*.

(Man. III, 205)

Gen. X. *Cetraria* Ach.

(Man. I, 23; III, 205)

(22) * 1. CETRARIA GLAUCA Ach. (Man. I, 24). — Exs. Rbh. L. E.

48, 403, 422, 669.

In *Sicilia* (Tod.); in *Lucania* (Pasq. et Gasparrini).Gen. XI. *Cornicularia* Ach.

(Man. I, 16; III, 205)

(23) * 1. CORNICULARIA ACULEATA Schreb. (Man. I, 16). — Exs.

Rbh. L. E. 46.

In *Lucania* (Gasparrini).*Nuovo Giorn. Bot. Ital.*

Sub-Fam. II. *Peltigeraceae*.

(Man. III, 205)

Gen. XII. *Peltigera* Willd.

- (24) 1. *PELTIGERA VENOSA* (L.) Hffm. Fl. Germ. 2, 107; Krb. Syst. 62; Nyl. Syn. 328; Mass. Sched. 34. — Exs. Schaer. LH. 26; Rbh. L. E. 44, 814.
Ad terram in *M. Vergine* leg. *Licopoli* (in Hrb. Baglietto).
- (25) * 2. *P. CANINA* L. (Man. I, 25). — Exs. Rbh. L. E. 68.
In *Calabria* (Pasq.); in *Sicilia* (Tod.); in *Lucania* (Gasparrini).
var. *membranacea* (Ach.) Schaer. En. 20. — Exs. Rbh. L. E. 560.
Ad terram muscosam in *Lucania* (*Bosco di Ruoti*).
- (26) 3. *P. RUFESCENS* Hffm. Schaer. En. 21; Krb. Syst. 59. — Exs. Rbh. L. E. 32, 352.
In *Lucania*, *Castel di Lagopesole*; in *M. Prato* prope *Atinam*; in insula *Inarime*; in *Sicilia* (Tod.); in *Vesevo*; in *Calabria* (Pasq.).
- (27) * 4. *P. POLYDACTYLA* Hffm. (Man. I, 26). — Exs. Rbh. L. E. 559; Mass. L. it. 260.
Ad terram in *Sicilia* (Tod.); in *Sicilia* et in *Lucania* (Gasparrini).
- (28) * 5. *P. HORIZONTALIS* Hffm. (Man. I, 26). — Exs. Rbh. L. E. 689.
Ad terram muscosam in *Sicilia* (Tod.); in *Calabria* (Pasq.).

Gen. XIII. *Nephroma* Ach.

(Man. I, 25; II, 215; III, 206)

- (29) * 1. *NEPHROMA TOMENTOSUM* Hffm. (Man. I, 25). — Exs. Rbh. L. E. 69.
Ad terram muscosam in *Calabria* (Gasparrini).
- (30) * 2. *N. LUSITANICUM* Schaer. (Man. III, 206).
Ad truncos muscosos in *Calabria*, *Stilo* (Gasparrini).

Sub-Fam. III. *Parmeliaceae* Hook.

(Man. III, 206)

Gen. XIV. *Sticta* Schreb.

(Man. I, 26; III, 206)

- (31) * 1. *STICTA PULMONARIA* (Man. I, 26). — Exs. Rbh. L. E. 54
Ad truncos in *Sicilia* (Tod.); in *Calabria* (Pasq.); in
Lucania (Gasparrini).
- (32) * 2. *S. SCROBICULATA* (Scop.) Fr. (Man. III, 207). — Exs.
Rbh. L. E. 188, 837.
Ad terram *Montagne dei Giffoni* in Vesevo (Pasq.);
in *Lucania* (Pasq. et Gasparrini).
- (33) 3. *S. SYLVATICA* (L.) Ach. Meth. 281; Fr. L. E. 51; Nyl.
Syn. 348. — *Peltigeræ* sp. Schaer. En. 22. — Exs.
Schaer. LH. 258; Rbh. L. E. 70, 910, 955.
Ad truncos muscosos in *Calabria* (Pasq.).
- (34) 4. *S. HERBACEA* (Hds.) Fr. L. E. 55; Krb. Syst. 68. —
Parmeliæ sp. Ach. Meth. 218; *Ricasoliæ* sp. Dntrs.
Fram. 7; Nyl. Syn. 269; *Parmelia laetevirens*
Schaer. En. 35; *Stictæ* sp. Mass. Mem. 29. — Exs.
Schaer. LH. 560; Rbh. L. E. 233.
Ad terram in Vesevo *Giffoni* (Pasq.).

Gen. XV. *Imbricaria* Schreb.

(Man. I, 27; II, 215; III, 207)

- (35) * 1. *IMBRICARIA CAPERATA* L. (Man. I, 28). — Exs. Rbh.
L. E. 38, 98, 891.
Ad oleas in *Galdo* (Fitt.); in *Sicilia* (Tod.).
- (36) * 2. *I. CONSPERSA* Ehr. (Man. I, 29). — Exs. Schaer. LH. 379;
Mass. L. it. 313; Rbh. L. E. 65.
Ad rupes in *Solfatara*, in Vesevo, in insula *Inarime*,
alioque; in *Lucania* (Gasparrini); in *Sicilia* (Tod.).
var. *isidiata* Anzi Ctg. 28. — Exs. Anzi Lich. long. 110.
Ad arenarias in *Lucania*, *Castel di Lagopesole*; in Ve-
sevo (Pasq.).

- (37) 3. I. ? DIFFUSA (Web.) Krb. Syst. 83. — *Parmelia ambigua* Fr. L. E. 71; Mass. Mem. 53. — Exs. Schaer. LH. 375; Rbh. L. E. 316.
Ad truncos in *Lucania* prope *Lagonegro* (Pomod.).
- (38) * 4. I. PERLATA Schaer. (Man. I, 27). — Exs. Schaer. LH. 360; Rbh. L. E. 67, 912.
Ad piros, *Lagonegro* in *Lucania* (Pomod.); in *Calabria*, *Nocellara* (Pasq.); in *Sicilia* (Tod.).
- (39) * 5. I. TILIACEA Hffm. (Man. I, 27). — Exs. Rbh. L. E. 99.
Ad oleas in *Galdo* (Fittipaldi).
- (40) * 6. I. SAXATILIS L. var. *leucochroa* Wllr. (Man. I, 28). — I. saxatilis var. *furfuracea* Schaer. LH. 363. — Exs. Schaer. l. c.; Rbh. L. E. 349.
Ad castaneas *Bosco di Potenza*; in insula *Inarime* (Giordano).
- (41) 7. I. OLIVACEA L. var. *isidioides* Rbh. — Exs. Rbh. L. E. 715.
Ad truncos abietum prope *Avigliano* in *Lucania*.
- (42) * 8. I. ACETABULUM (L.) Krb. (Man. I, 29). — Exs. Schaer. LH. 547; Rbh. L. E. 64.
Ad truncos *Bosco di Potenza*; in *Gargano* (Pasq.); in *Lucania* (Gasparrini).
- (43) * 9. I. ASPERA Mass. (Man. III, 208). — Exs. Rbh. L. E. 66.
Ad truncos *S. Giuliano* in *Samnio* (Pedic.); in insula *Inarime*, in *Apulia*; in *Calabria*, in *Lucania* (Pasq.).
- (44) * 10. I. DENDRITICA Fw. (Man. I, 30). — Exs. Schaer. LH. 372.
Ad arenarias in *Lucania*, ad rupes vulcanicas in insula *Inarime* et in *Vesevo*; ad tofos in *Torre del Greco*.

Gen. XVI. **Parmelia** Ach.

(Man. I, 30; II, 215; III, 208)

- (45) * 1. PARMELIA CILIARIS L. (Man. I, 24).
α. vulgaris Krb. Prg. 19. — Exs. Schaer. LH. 388; Rbh. L. E. 63.

Ad truncos in *Lucania* prope *Avigliano*, alioque; in *Sicilia* (Tod.); in *Calabria*, *Nocellara* (Pasq.).

b) *crinalis* Schl. Krb. Prg. 19. — *Physcia ciliaris* β *crinalis* Schaer. En. 10; *Anaptychia ciliaris* var. *angusta* Beltr. Bass. 109. — Exs. Mass. L. I. 40; Rbh. L. E. 100.

Ad frutices in *Lucania* prope *Avigliano*.

c) *saxicola* Nyl. Syn. 414.

Ad tofos in insula *Inarime* (*S. Nicola*).

* *f. deformis* nob. *Thallus deformis, cinereus, rigescens, anguste laciniatus, laciniis multifidis, valde intricatis, minus canaliculatis, marginibus haud ciliatis, eroso-crenatis, vel sorediiferis.*

Semper sterilis ad muros coenobii in cacumine Montis *S. Nicola* in insula *Inarime*.

Obs. Ad hanc formam *Parmeliae ciliaris* var. *saxicolae* Nyl. sunt referenda specimina, quae in Herbario Tenoreano recognovimus, ac in Manipulo I, pag. 16 sub nomine *Bryopogon arenarium* Fr. var. *campestre* Schaer. enumeravimus.

(46) 2. *P. SPECIOSA* (Ach.) Schaer. En. 39; Krb. Syst. 89. — *Physciae* sp. Fr. L. E. 80; Nyl. Syn. 416. — Exs. Schaer. LH. 357; Rbh. LE. 426.

Ad truncos in *Caserta* leg. Terracciano (in Hrb. Baglietto).

(47) 3. *P. ASTROIDEA* var. *Clementiana* (Turn.) Krb. Syst. 89. — *Parmelia Clementiana* Ach. Univ. 483; *Parmelia stellaris* var. *Caricae* Beltr. Bassan. 87; *Lecanora Caricae* Ach. Syn. 188. — Exs. Schaer. LH. 257.

Ad truncos prope *Caserta* leg. Terracciano (in Hrb. Baglietto).

(48) 4. *P. CAESIA* (Hffm). Ach. Meth. 197; Krb. Syst. 86. — *Physciae* sp. Fr. L. E. 85; Nyl. Syn. 426; *Parmeliae pulchellae* var. Schaer. En. 41. — Exs. Schaer. LH. 347; Rbh. L. E. 907.

Ad rupes in insula *Inarime* (*Via di Barano*).

(49) 5. *P. AQUILA* Ach. (Man. I, 31). — Exs. Schaer. LH. 565. Rbh. L. E. 586.

Ad rupes *M. S. Nicola* in insula *Inarime*.

- (50) * 6. *P. PULVERULENTA* Schreb. (Man. I, 30) var. *grisea* Lmk. (Man. I, 31). — Exs. Rbh. L. E. 587; Schaer LH. 487.

Ad truncos prope *Maratea* (Pomodoro), *Avigliano* et *Massanello* in *Lucania*.

var. *muscigena* Anzi Exs. — *Parmelia muscigena* Arnold in *Flora* 1858, p. 108. — Exs. Anzi Lich. min. rar. n. 21.

Ad muscos in insula *Inarime* (*S. Nicola*).

var. *venusta* Ach. (Man. I, 31).

Ad truncos, *Lagonegro* in *Lucania* (Pomodoro); ad oleas in *Portici* (Pasq.); in *Sicilia* (Tod.).

var. *angustata* (Hffm.) Schaer. En. 38; *Physciae* sp. et var. Nyl. Syn. 428.

Ad muscos *Stilo* in *Calabria* (Pasq.).

- (51) * *P. SUBAQUILA* Nyl. (Man. III, 209).

Ad fagos in *Calabria*, ad abietes in *Lucania*.

- (52) * 7. *P. STELLARIS* L. (Man. I, 30).

var. *adscendens* Fw. (Man. III, 208). — Exs. Rbh. L. E. 378.

Ad piros et frutices in *Lucania*; in *Sicilia* (Tod.).

var. *ambigua* Ehr. (Man. III, 209).

Ad truncos castanearum in *Vesevo* (Pasq.).

- (53) 8. *P. TRIBACIA* Schaer. En. 39. — *Lecanorae* sp. Ach. Univ. 415; *P. erosa* (Borr.) Arnold Ausflüg. Lich. in *Tirol* XVII, 549.

Thallus livido-glaucescens, tenuiter membranaceus, orbiculari-expansus, versus centrum abbreviato-laciniatus, subleprosus; laciniis externis adscendentibus lobato-incisis margine eroso-crenulato; subtus albus, tenuissime fibrillosus. Apothecia parvula, centralia, urceolata, disco fusco pruinoso, margine crasso, integro revoluta. Asci ventricosi. Paraphyses capillares. Sporae octonae, mediocres, ovoideae, diblastae, fuscae, diam. $2\frac{1}{2}$ plo, vel triplo longiores, tantummodo paullum incurvatae.

Ad truncos Pinorum *Portici* (Pasq.).

Obs. Cll. Th. (M.) Fries (Scand. 140) et Nylander (Syn. 425) hanc speciem ut formam *Physciae stellaris* L. existimant. — Quamquam vero huic speciei

valde proxima propter habitum externum *P. tribacia* Schaer. videatur; haud tamèn facile omnes ejus formae in illam assimilari possent; nam quum *Parmelia tribacia* var. *isidioidea* Schaer. En. 39, (idest *P. columnaris* Tayl. Hibern. pag. 144; Exs. Rbh. L. E. 909) ullo sine dubio ad *Parmeliam stellarem* L. plenissime conformetur; idem autem dicendum non est de forma typica speciei Schaereris (idest *Parmelia erosa* Borr. in E. Bot. 2807), quam praecipue propter thalli colorem ac dispositionem et formam laciniarum in loco speciei distinctae possumus habere.

Gen. XVII. *Physcia* Schreb.

(Man. I, 32; III, 210)

(54) * 1. *PHYSCIA* PARIETINA L.

var. *aureola* Schaer. (Man. III, 210).

Exs. Rbh. L. E. 773.

Ad tofos *Isole Pedagne* prope Brundusium.

var. *ectanea* Schaer. En. 50.

Ad tofos *Granatiello* prope Neapolim (Pasq.); in Sicilia.

Fam. VI. *UMBILICARIEAE* Fée.

(Man. III, 210)

Gen. XVIII. *Umbilicaria* Hoffm.

(Man. I, 32)

(55) * 1. *UMBILICARIA* PUSTULATA L. (Man. I, 32). — Exs. Schaer.

LH. 156; Rbh. L. E. 45, 838.

Ad rupes vulcanicas, in insula *Inarime* (M.° Rotaro);

Lucania (Gasparrini).

Fam. VII. LECANOREAE Fée.

(Man. III, 211)

Sub-Fam. I. Rinodineaceae.

(Man. III, l. c.)

Gen. XIX. Pannaria Delis.

(Man. I, 34; II, 216; III, 211)

- (56) * 1. PANNARIA MICROPHYLLA Sw. (Man. II, 216). — Exs. Schaer. LH. 161; Rbh. L. E. 79, 708.
Ad rupes *Pera di Sopra* in insula *Inarime*.
- (57) * 2. P. BRUNNEA Krb. (Man. III, 211). — Exs. Rbh. L. E. 216.
In *Calabria* (Pasq.).
- (58) * 3. P. RUBIGINOSA Th. (Man. III, 211). — Exs. Rbh. L. E. 661.
Ad truncos muscosos in insula *Inarime* (*Pera di Sopra*).
- (59) 4. P. LANUGINOSA (Ach.) Krb. Syst. 106. — Parmeliae sp.
Fr. L. E. 88. — Exs. Schaer. LH. 378; Rbh. L. E. 379, 854.
Ad terram muscosam in insula *Inarime*, *Pera di Sopra*.

Gen. XX. Candelaria Mass.

(Man. I, 28; III, 212)

- (60) * 1. CANDELARIA VITELLINA Ehr. (Man. III, 212). — Exs. Rbh. L. E. 206, 887.
Ad rupes in *Solfatara* et in insula *Inarime* frequens.

Gen. XXI. Amphiloma Fr.

(Man. I, 35; II, 216; III, 212)

- (61) * 1. AMPHILOMA MURORUM Hffm. (Man. I, 35). — Exs. Rbh. L. E. 227.
Ad rupes in *Sicilia* (Tod.).

- (62) * 2. A. CALLOPISMA Ach. (Man. I, 35). — Exs. Schaer. LH. 337; Rbh. L. E. 198, 228.

Ad tofos in insula *Inarime*; in insulis *Pedagne* prope Brundusium.

- (63) * 3 A. AUREUM Schaer. (Man. II, 217).
Ad terram muscosam in *Sicilia* (Tod.).

Gen. XXII. **Ricasolia** Mass.

(Man. III, 213)

- (64) * 1. RICASOLIA GENNARII Bagl. (Man. III, 213). — Exs. Rbh. L. E. 789.

Ad tofos calcarios in insulis *Pedagne* prope Brundusium; in Apulia *Gravina*.

- (65) * 2. R. OLIVACEA Bagl. (Man. III, 213).

Ad tofos calcarios in insulis *Pedagne* prope Brundusium.

- (66) 3. R. CESATHI Mass. var. *grisea* Bagl. Com. Crit. it. (1862) 121.

Ad tofos calcarios *Gravina* in *Apulia*.

Gen. XXIII. **Callopisma** Dntrs.

(Man. I, 38; II, 320, 224; III, 214)

* *Eucallopisma*.

(Man. III, 1. c.)

- (67) * 1. CALLOPISMA AURANTIACUM Lgthf.
var. *rubescens* Ach. (Man. I, 39).

Ad rupes in insula *Inarime* (*Arso*).

- (68) 2. C. LUTEO-ALBUM Turn. Krb. Syst. 123.

var. *Persoonianum* Ach. * *saxicolum* Rbh. — Exs. Rbh. L. E. 69.

Ad rupes in insula *Inarime*; ad arenarias *Castel di Lagopesole* in *Lucania*.

var. *lacteam* Mass. Krb. Prg. 64. — Exs. Mass. L. It. 236.

Ad rupes calcarias in *Gargano* (Pedic.).

- (69) * 3. C. MARMORATUM Bagl. Lich. Sard. N. Gior. Bot. XI, 84
(Man. I, 39).



Ad tofos calcarios in insulis *Pedagne* prope Brundisium.

- (70) * 4. *C. CHALYBAEUM* (Duf.) Krb. (Man. II, 220). — Exs. Rbh. L. E. 360.

Ad rupes calcarias in *Gargano* (Pasq.).

** *Blastenia* Mass.

(Man. III, 15)

- (71) * 5. *C. ARENARIUM* Schaer. (Man. II, 224).

Ad rupes vulcanicas in insula *Inarime*; prope *Torre del Greco* (Baccarini).

- (72) * 6. *C. FERRUGINEUM* Hds. (Man. II, 225).

var. *saxicola* Mass. Sched. crit. 129; Krb. Prg. 126. — Exs. Schaer. LH. 448; Rbh. L. E. 944; Erb. crit. it. 1384; Marcucci Un. it. crypt. IX; Anzi Lich. minus r. 144.

Ad rupes vulcanicas in insula *Inarime*.

var. *plumbeum* Mass. Krb. Prg. 126. — Exs. Rbh. L. E. 516.

Ad tofos in summitate montis *S. Nicola* in insula *Inarime*.

var. *Inarimense* nob.

Thallus e cinereo plumbeus, crassus, e tartareo rugulosus, vel saepe deformiter areolatus. Apothecia maxima, plana, tenuiter marginata, saepius deformia, confluentia, tabacina.

Ad rupes vulcanicas in insula *Inarime* (*La Pera di Sopra*).

Gen. XXIV. *Placodium* Hill.

(Man. I, 36; II, 217; III, 216)

* *Euplacodium*.

(Man. III, 1. c.)

- (73) * 1. *PLACODIUM SAXICOLA* Poll.

var. *vulgare* Krb. (Man. I, 36). — Exs. Rbh. L. E. 359.

Ad rupes in insula *Inarime*; in *Lucania* (*Castel di Lagopesole*).

var. *albo-pulverulentum* Schaer. (Man. III, 216).

Ad rupes calcarias in *Gargano Peschici, San Nicandro* (Pasq.).

var. *diffRACTUM* Mass. (Man. III, 216).

Ad rupes calcarias in *Apulia, Murge*.

(74) * 2. *P. ALBESCENS* Krb. (Man. II, 217).

Ad muros prope Neapolim; in *Gargano* (Pasq.).

(75) * 3. *P. RADIOSUM* Hffm. var. *myrrhinum* Krb. (Man. III, 216). — Exs. Rbh. L. E. 504.

Ad rupes calcarias in *Lucania* (Fittipaldi); in *Gargano* (Pasq.).

* *Psoroma* Ach.

(Man. III, 217)

(76) * 4. *P. GYPSACEUM* Sm. (Man. I, 37). — Exs. Rbh. L. E. 241.

Ad terram in *Lucania* (Gasparrini); in *Sicilia* (Tod.).

(77) * 5. *P. CRASSUM* Hds. (Man. I, 37).

var. *caespitosum* Schaer. En. 58. — Exs. Rbh. L. E. 242, 243.

In insula *Caprearum* (Pasq.); in *Lucania* (Gasparrini); in *Sicilia*.

(78) * 6. *P. LAGASCAE* Fr. (Man. I, 37).

Ad terram in *Agro Cajetae* (Gasparrini).

(79) * 7. *P. LENTIGERUM* Wb. (Man. I, 37). — Exs. Rbh. L. E. 19.

In Vesevo *Tironi di San Vito, Torre del Greco* (Pasq.).

(80) * 8. *P. FULGENS* Sw. (Man. I, 36). — *Fulgensiae* sp. Mass. Sched. 27. — Exs. Rbh. L. E. 20.

Ad terram in *Sicilia* (Tod.).

Gen. XXV. *Lecanora* Ach.

(Man. III, 217)

* *Ochrolechia* Mass.

(Man. I, 41; II, 221; III, 1. c.)

(81) * 1. *LECANORA PALLESCENS* L. (Man. I, 41).

var. *Parella* Schaer. (Man. III, 217). — Exs. Rbh. L. E. 433; Erb. crit. It. 671.

- (Ad rupes *Camaldoli* (Pasq.); ad arenarias *Castel di Lagopesole*.
 * *lactea* Schaer. En. 79.
 Ad rupes vulcanicas in insula *Inarime*; ad arenarias in *Lucania*.
- (82) * 2. L. TARTAREA DC. (Man. I, 42). — Exs. Rbh. L. E. 324.
 Ad fagorum truncos, *Bosco di Potenza* in *Lucania*.
 * * *Eulecanora* Bagl.
 (Man. III, 217)
- (83) * 3. L. SUBFUSCA Ach.
 a) *distans* Ach. Meth. 168; Schaer. En. 74; Krb. Syst. 78. — Exs. Rbh. L. E. 347, 653.
 Ad truncos castanearum, juglandium et ficorum in insula *Inarime*; ad juglandes in *Lucania*, *Maratea* (Pomod.); ad abietes prope *Avigliano*.
 b) *geographica* Mass. (Man. III, 218).
 Ad castanearum cortices in insula *Inarime*, *Bosco di Potenza*, *Chiaromonte* (Pomod.).
 c) *campestris* Schaer. (Man. II, 221). — Exs. Rbh. L. E. 691.
 Ad rupes in insula *Inarime*.
- (84) * 4. L. ATRA Hds. (Man. I, 40). — Exs. Rbh. L. E. 169.
 Ad arenarias, *Castel di Lagopesole*; ad rupes vulcanicas, *M. Nuovo* (Baccarini).
- (85) * 5. L. INTUMESCENS Rbh. (Man. I, 41). — Exs. Rbh. L. E. 916.
 Ad fagos, *Stilo* in *Calabria* (Pasq.).
- (86) * 6. L. MINUTISSIMA Mass. (Man. III, 219).
 Ad rupes in insula *Inarime* (*Pera di Sopra*).
- (87) * 7. L. FLOTOWIANA Sprgl. (Man. I, 41). — Exs. Rbh. L. E. 747.
 Ad rupes calcarias prope *Avigliano* in *Lucania*.
- (88) * 8. L. PALLIDA Schreb. var. *albella* Hffm. (Man. III, 218). — Exs. Rbh. L. E. 43.
 Ad abietes in *Lucania* prope *Avigliano*.
- (89) * 9. L. HAGENI Ach. (Man. I, 41). — Exs. Rbh. L. E. 888.
 Ad abietes in *Lucania* prope *Avigliano*.

- (90) 10. *L. BADIA* Pers. var. *microcarpa* Anzi Man. in Com. crit. it. I, 144; Bagl. Prosp. Lich. 237. — Exs. Anzi Lich. Etr. 18.

Ad rupes in insula *Inarime* (*M. Rotaro, Arso, Pera di Sopra*).

- (91) 11. *L. VARIAEFORMIS* Bagl. in Epist.

Thallus depauperatus, e squamuloso granulosus, virido-flavesceus, squamulis dispersis, minutissimis, deformibus, ex hypothallo crasso, nigro, enatis. Apothecia primum concoloria, plana, minuta, margine parum relevato ac tantummodo dilutiore; dein convexiuscula, vel deformia, pallide testacea. Hypothecium crassum. Paraphyses conglutinatae. Asci ventricosi. Sporae octonae, ovoideae, hyalinae, monoblastae, uniguttulatae, diam. fere duplo longiores.

Ad rupes in *Solfatara*, prope *Puteolos*.

*** *Zeora* Fr.

(Man. III, 219)

- (92) * 12. *L. SULPHUREA* Hffm. var. *tumidula* Bagl. (Man. III, 219).

Ad rupes vulcanicas in insula *Inarime*; ad rupes calcarias in *Lucania* et in *Apulia* (*Gravina*).

- (93) * 13. *L. SORDIDA* Pers. (Man. III, 220).

Ad rupes vulcanicas in insula *Inarime*; ad rupes siliceas in *Lucania* (*Pignola*) (*Fittipaldi*).

- (94) * 14. *L. COARCTATA* Ach. var. *elacista* Ach. (Man. II, 222). —

Exs. Rbh. L. E. 58.

Ad rupes in *Vesevo*, *Tironcelli di San Vito* (*Pasq.*).

Gen. XXVI. *Rinodina* Ach.

(Man. II, 221; III, 220)

- (95) 1. *RINODINA LURIDESCENS* Anzi. — ? *Buelliae* sp. Anzi Comm. crit. it. 3, 158. — Exs. Anzi Lich. rar. Etr. 20.

Thallus tartareus, verrucoso-areolatus, ambitu radiosoplicatus, fusco-luteus, pallide castaneus, hypothallo ni-

- gro marginato. Apothecia lecanorina, primitus urceolata, disco nigro, margine eleganter castaneo, integro, tumido: dein convexa margine flexuoso, tenuissimo. Hypothecium hyalinum. Paraphyses simplices, capillares, ad apicem incrassatae, fuscescentes. Sporae octonae, ellipsoideae, diblastae, mediocres, diam. 2-2 1/2 plo longiores, fuscae.*
- (96) 2. R. TRACHITICA Mass. Arnold Ausf. Tyrol. X, 26; Bagl. Lich. Sard. 79; Bagl. et Cares. An. Vals. 207. — Rinodina lecanorina var. trachitica Mass. Ric. 41.
Ad rupes vulcanicas in insula *Inarime*.
- (97) * 3. R. LECANORINA Mass. (Man. II, 221). — Exs. Rbh. L. E. 614; Erb. crit. it. 374; Mass. Lich. It. 50.
Ad rupes calcarias, *Gravina* in *Apulia*; *Pignola* in *Lucania* (Fittipaldi); ad rupes vulcanicas in insula *Inarime*.
- (98) * 4. R. CAESIELLA Krb. (Man. III, 220). — Exs. Rbh. L. E. 78.
Ad rupes vulcanicas in insula *Inarime*.
- (99) 5. R. METABOLICA (Ach.) Krb. Syst. 123; Anzi Sym. Com. crit. it. II, 10. — Exs. Anzi Lich. Long. 377.
Ad truncos castaneorum in insula *Inarime*.
- (100) 6. R. EXIGUA (Ach.) Anzi l. c. — Exs. Rbh. L. E. 453; Erb. crit. it. 1421.
Ad truncos abietum in *Lucania* prope *Avigliano*.
- (101) * 7. R. HORIZA Ach. (Man. III, 220).
Ad piros in *Lucania*, *Chiaromonte* (Pomod.).
- (102) 8. R. FITTIPALDIANA n. sp. *Thallus delicatulus, rosulatus, e carneo glaucescens, rimuloso-areolatus, areolis minutis coacervatis, contiguis. Apothecia immersa, urceolata, parvula; disco nigro, saepe pruinoso, e margine thalode parum elevato cincto. Hypothecium hyalinum. Paraphyses articulatae, ad apices ramosae ac fuscidulae. Asci clavati, ventricosi. Sporae mediocres, octonae, ellipsoideae, diblastae, medio nonnihil constrictae, diam. fere duplo longiores, fuscae.*
Ad saxa silicea in *Lucania* prope *Pignola* leg. *Fittipaldi*.

Gen. XXVII. *Dirina* Fr.

(Man. I, 42; III, 222)

- (103) * 1. *DIRINA REPANDA* Ach. (Man. II, 222). — Exs. Rbh.
L. E. 467, 788.

Ad rupes vulcanicas in insula *Inarime* (*Arso*).

Gen. XXVIII. *Acarospora* Mass.

(Man. I, 42; II, 218; III, 221)

- (104) * 1. *ACAROSPORA FUSCATA* var. *rufescens* Fr. (Man. III, 221).

Ad rupes vulcanicas in insula *Inarime*; ad arenarias
in *Lucania* prope *Castel di Lagopesole*.

- (105) * 2. *A. VULCANICA* Jat. (Man. II, 218).

Ad rupes vulcanicas in insula *Inarime* (*Arso*).

- (106) 3. *A. TRACHITICA* n. sp.

Thallus crassus, areolato-squamulosus, squamulis ad-
pressis, tumidis, in crustam compactam conglobatis, e
persicino albidus, humectus pallide virens. Apothecia
deformia, sub-composita, innata, in singulis areolis
unica, primum immersa, dein disciformia, convexa,
disco fusco-rufo, vel atrofusco, margine thallino tenuis-
simo, vel saepe oblitterato, cincto. Hypothecium crassum
hyalinum. Paraphyses capillares, flexuosae. Asci nu-
merosi claviformes. Sporae globosae, vel sub-globo-
sae, parvulae, monoblastae, hyalinae, vel tantummodo
viridescentes.

Ad trachites virides in insula *Inarime* (*Pedicino*);
ad tofos in *Torre del Greco* (*Baccarini et Lofoco*).

OBS. Quamquam sporae et thalamium hujus speciei
et sporae thalamiumque *Acarosporae scabrae* Fr.
inter se congruere videantur, cum ea tamen haec
nostra speciei nullo modo jungi potest propter ha-
bitum externum, quem procul dubio sibi peculia-
rem habet.

Sub-Fam. II. *Urceolariaceae*.

(Man. III, 222)

Gen. XXIX. *Aspicilia* Mass.

(Man. I, 43; II, 222; III, 222)

- (107) * 1. *ASPICILIA CINEREA* L. (Man. II, 223). — Exs. Rbh. L. E. 921.
 Ad arenarias in *Lucania* prope *Lagopesole*.
 * *obscurata* Fr. — Exs. Rbh. L. E. 568.
 Ad saxa calcaria in *Apulia*.
 β *trachitica* Mass. (Man. III, 222).
 Ad saxa silicea in *Lucania* prope *Pignola* (Fittipaldi).
- (108) * 2. *A. CALCAREA* L.
 α *concreta* Schaer. (Man. I, 42). — Exs. Rbh. L. E. 823.
 Ad saxa silicea in *Lucania* prope *Pignola* (Fittipaldi).
 β *viridescens* Mass. (Man. II, 223). — Exs. Rbh. L. E. 336.
 Ad rupes calcarias in *Lucania* prope *Avigliano*; prope *Gravina* in *Apulia*.
- (109) 3. *A. GIBBOSA* (Ach.) Krb. Syst. 163. — var. *coecula* Hepp.
Thallus granulosus, subeffiguratus, albidus. Apothecia atra, primum immersa, urceolata, dein emersa deformia. Hypothecium crassum, hyalinum. Paraphyses articulatae, ad apices incrassatae, fuscidulae. Asci ventricosi. Sporae ovoideae, octonae, diam. fere duplo longiores, monoblastae, hyalinae, vel nubiloso-hyalinae.
 Ad arenarias prope *Castel di Lagopesole*, in *Lucania*.

Gen. XXX. *Petractis* Fr.

(Man. I, 52)

- (110) * 1. *PETRACTIS EXANTHEMATICA* Sm. (Man. I, 52). — Exs. Schaer. LH. 122; Rbh. L. E. 255, 436.
 Ad rupes calcarias in *Gargano* (Pedicino).

Gen. XXXI. *Gyalecta* Ach.

(Man. I, 44; II, 223)

- (111) 1. *Gyalecta cupularis* (Ehrh.) Krb. Syst. 172. — Exs. Schaer. LH. 135; Rbh. L. E. 750.
Ad rupes calcarias in *Gargano* (Pasq.); ad rupes vulcanicas in insula *Inarime* frequens.

Gen. XXXII. *Urceolaria* Ach.

(Man. I, 43; II, 223; III, 223)

- (112) * 1. *Urceolaria scruposa* Ach.
α. vulgaris Krb. (Man. I, 43). — Exs. Rbh. L. E. 377.
Ad rupes vulcanicas in insula *Inarime*; in *Sicilia* (Tod.).
β arenaria Schaer. (Man. II, 223). — Exs. Rbh. L. E. 870.
In Piceno (Orsini in Hrb. Fiorini-Mazzanti); in agro neapolitano *Ponti rossi* (Pasq.).

Sub-Fam. III. Pertusariaceae.

(Man. III, 223)

Gen. XXXIII. *Pertusaria* DC.

(Man. I, 54; II, 232; III, 223)

- (113) * 1. *Pertusaria wulfenii* DC. (Man. I, 54). — Exs. Rbh. L. E. 200.
Ad castanearum truncos *Lagonegro* in *Lucania* (Pomod.); ad oleas *Galdo* (Fittipaldi).
- (114) * 2. *P. lejo-placa* Ach. (Man. I, 54). — Exs. Rbh. L. E. 477.
Ad quercus in silvis [prope *Avigliano* in *Lucania*; ad castanearum truncos in insula *Inarime*.
var. *tetraspora* Th. Fr. Scand. 316.
Ad truncos Fagorum *Montagne di Stilo* in *Calabria* (Pasq.).

- (115) * 3. *P. LEUCOSTOMA* Mass. Sched. crit. 145. — Exs. Rbh. L. E. 152.

Ad truncos abietum prope *Avigliano* in *Lucania*.

- (116) * 4. *P. COMMUNIS* DC. (Man. I, 54). — Exs. Rbh. L. E. 116.

— Ad truncos in insula *Inarime*, in *Lucania*, alioque. var. *variolosa* Wallr. (Man. III, 224). — Exs. Rbh. L. E. 218.

Ad castaneas in *Lucania* (Pomod.); ad oleas in *Galdo* (Fittipaldi).

var. *discoidea* Pers. (Man. III, 1. c.).

Ad truncos in *Lucania*; ad oleas in *Galdo* (Fittipaldi).

Fam. VIII. LECIDEAE Fr.

(Man. III, 224)

Sub-Fam. I. Psoraceae.

(Man. III, 224)

Gen. XXXIV. *Thalloidima* Mass.

(Man. I, 45; II, 224; III, 224)

- (117) * 1. *THALLOIDIMA TABACINUM* Ram. (Man. II, 224). — Exs. Rbh. L. E. 179.

Ad terram in Vesevo *Via del Salvatore* (Pasq.).

- (118) * 2. *T. DIFFRACTUM* Mass. (Man. II, 224).

Ad terram in insula *Inarime*.

Gen. XXXV. *Psora* Hall.

(Man. I, 44)

- (119) * 1. *PSORA LURIDA* Sm. (Man. I, 44). — Exs. Schaer. LH. 157; Rbh. L. E. 9.

Ad rupes et terram in Vesevo (Pasq.), in insula *Inarime*.

Gen. XXXVI. **Toninia** Mass.

(Man. II, 224; III, 225)

- (120) 1. **TONINIA AROMATICA** Mass. Sym. 54; Fr. (Th.) Scand. 332.
Ad rupes vulcanicas in Vesevo leg. Licopoli (in Hrb. Baglietto); ad tofos calcarios in insulis *Pedagne* prope Brundusium.

Sub-Fam. II. Lecideaceae.

(Man. III, 225)

Gen. XXXVII. **Leciographa** Mass.

- (121) 1. **LECIOGRAPHA FLÖRCKEI** Krb. Prg. 463. — Dactylospora sp. Krb. Syst. 271. Lecidea parasitica Schaer. En. 136.
Ad *Pertusariae communis* DC. thallum parasitica in *Lucania* (*Avigliano, Massanello*) (Pomodoro).

Gen. XXXVIII. **Biatorina** Mass.

(Man. II, 225; III, 225)

- (122) 1. **BIATORINA CYRTELLA** (Ach.) Krb. Syst. 190. — *Biatora anomala, cyrtella* Schaer. En 169. — Exs. Schaer. LH. 473; Rbh. L. E. 231, 457.
Ad cortices *Spartii* et *Populi* in insula *Inarime*.
- (123) * 2. **B. LENTICULARIS** Fw. (Man. III, 225). — Exs. Rbh. L. E. 107-108.
Ad rupes vulcanicas in insula *Inarime*.

Gen. XXXIV. **Biatora** Fr.

(Man. II, 225; III, 225)

- (124) * 1. **BIATORA OLIVACEA** Mass. (Man. III, 225). — Exs. Rbh. L. E. 600.

- Ad castanearum truncos in insula *Inarime*; ad abietes in *Lucania* prope *Avigliano*.
- (125) 2. B. SYLVANA Krb. Syst. 200.
Ad cortices in insula *Inarime*; in *Lucania* prope *Avigliano*.
- (126) 3. B. RIVULOSA Ach. *corticicola* Fr. L. E. p. 272. — *Lecidea* Lightfootii var. *faginea* Ach. in Hrb. fide Fr. (Th.) Scand. 450. — Exs. Schaer. LH. 39.
Ad fagorum truncos in *Calabria* (*Gerace*) (Pasq.).
- (127) 4. B. CASTANEAEE n. sp.
Thallus effusus, albo-cinereus, leprosus. Apothecia parvula, primitus plana, minutissima, carnea, margine tenui integro dilutiore, dein convexa, testaceo-tabacina, emarginata. Paraphyses simplices. Asci clavati. Sporae octonae, minutae, hyalinae, ovoideae, monoblastae, diam. 2 $\frac{1}{2}$, longiores.
Ad truncos vetustos castanearum in insula *Inarime* (*Pera di Sopra*).
- (128) * 5. B. RUPESTRIS Sm. (Man. II, 226). — Exs. Rbh. L. E. 645.
Ad rupes in *Gargano* (Pasq.).
- (129) 6. B. CHONDRODES Mass. Sym. 39; Krb. Prg. 162.
Ad tofos calcarios in insulis *Pedagne*, prope *Brun-
dusium*.
- (130) 7. B. AMBIGUA Mass. Ric. 124; Sched. crit. 176. — *Biatora* tabescens Krb. Syst. 203. — Exs. Rbh. L. E. 732, 760.
Ad abietes in *Lucania* prope *Avigliano*.

Gen. XL. *Bilimbia* DNrs.

(Man. I, 46; II, 227; III, 226)

- (131) * 1. BILIMBIA HEXAMERA DNrs. (Man. II, 227). — Exs. Rbh. L. E. 534.
Ad muscos in *Calabria* (*Stilo*) (Pasq.).
- (132) 2. B. ? EPIXANTHOIDES (Nyl.) Fr. (Th.) Scand. 377.
Thallus granulatus, sulphureus. Apothecia parva, convexa, e livido nigricantia. Hypothecium sordide lutescens, viridulum. Asci inflato-clavati. Paraphyses indistinctae. Sporae octonae, fusiformes, tetrablastae, minutae.

Ad truncos vetustos castanearum in insula *Inarime*
(*Pera di Sopra*).

(133) 3. B. SPARTII n. sp.

Thallus tenuissimus, effusus, cinereus. Apothecia adnata, plana, minutissima, margine tenuissimo concolore.

Hypothecium exiguum. Paraphyses conglutinatae. Asci ventricosi. Sporae octonae, minutae, fusiformes, constanter tetrablastae, diam. 3-4plo longiores, hyalinae.

Ad *Spartium junceum* L. in insula *Inarime* (*M. Rotaro*).

Obs. Species fere incomprehensibilis, quae cortices ramusculorum Spartii incolit. — Thallus in pulvere cinerea cum cortice fruticis confundi videtur. Apothecia ita sunt disposita, ut seriem fere unicam inter rugas fibratas corticis constituent.

Gen. XLI. **Bacidia** DNrs.

(Man. I, 46; II, 225)

(134) * 1. BACIDIA RUBELLA Pers. (Man. II, 225). — Ex. Rbh.
L. E. 31.

Ad abietes et frutices in sylvis *Lucaniae* (*Avigliano*).

Gen. XLII. **Lecidea** Ach.

* *Lecidella* Krb.

(Man. I, 48; II, 227; III, 226)

(135) * 1. LECIDEA GONIOPHILA Flk. (Man. II, 227). — Exs. Rbh.
L. E. 745.

Ad arenarias in *Lucania* (*Castel di Lagopesole*); ad rupes vulcanicas in insula *Inarime*.

(136) * 2. L. SABULETORUM Schreb. (Man. II, 228). — Exs. Rbh.
L. E. 722.

Ad rupes vulcanicas in insula *Inarime*.

(137) * 3. L. ENTEROLEUCA Schaer. (Man. I, 48). — Exs. Rbh.
L. E. 93, 128, 341.

Ad cortices in *Lucania*, in *Calabria*, alioque frequentissima.

- β deusta* Mass. Ric. 71. — Exs. Anzi Lich. min. rar. 278.
Ad populos in insula *Inarime* (*Via di Barano*).
(138) 4. *L. LAURERI* (Hepp.) Krb. Syst. 246. — Exs. Rbh.
L. E. 340; Erb. crit. it. II, 272.
Ad truncos abietum in *Lucania* prope *Avigliano*.

* * *Eulecidea* Bagl.

(Man. I, 49; II, 228; III, 227)

- (139) * 5. *L. CRUSTULATA* Flk. (Man. III, 228).
Ad rupes vulcanicas in insula *Inarime*.
(140) 6. *L. FLAVOCOERULESCENS* Ach. var. *macrocarpa* Mass.
Ric. 73. — Exs. Anzi Lich. rar. Ven. 174.
Ad rupes in insula *Inarime* (*Arso*).
(141) * 7. *L. PSOROMOIDES* Bagl. (Man. III, 228).
Ad rupes vulcanicas in insula *Inarime*.
(142) * 8. *L. CONTIGUA* Ach. (Man. I, 49).
Ad rupes ferro-calcarias in *Lucania* (*Gerace*) (Pasq.).
(143) * 9. *L. PLATYCARPA* Ach. (Man. II, 228). — Exs. Rbh.
L. E. 491.
Ad rupes vulcanicas in insula *Inarime* (*Torre del
Greco, Solfatara*).

Gen. XLIII. **Arthrosporum** Mass.

- (144) 1. *ARTHROSPORUM ACCLINE* Fw. Krb. Syst. 270. — *Arthrosporum* populorum Mass. Mem. 128; *Arthrospora* acclinis Fr. (Th.) Scand. 588. — Exs. Rbh. L. E. 204.
Ad cortices *Oleae sylvestris* L. in *Apulia*.

Gen. XLIV. **Scoliciosporum** Mass.

(Man. II, 229; III, 230)

- (145) * 1. *SCOLICIOSPORUM HOLOMELAENUM* Flk.
var. *saxicolum* Bagl. (Man. III, 230).
Ad rupes vulcanicas in insula *Inarime* (*M. Rotaro*).
(146) 2. *S. COMPACTUM* Krb. *asserculatorum* (Schrad.) Krb.
Syst. 269. — *Lecidea asserculatorum* Schaer. En. 135.
— Exs. Rbh. L. E. 500.

Ad truncos cariosos castanearum in insula *Inarime*
(*La Pera di sopra*).

Gen. XLV. *Diplotomma* Fw.

(Man. III, 228)

* *Eudiplotomma*.

(Man. I, 46; II, 226; III, 228)

(147) * 1. *DIPLOTOMMA ALBO-ATRUM* Hffm.

α *epipolium* Mass. (Man. I, 47). — Exs. Rbh. L. E. 384.
Schaer. LH. 230, 580.

Ad arenarias prope *Lagopesole* in *Lucania*; ad rupes
vulcanicas in insula *Inarime*.

β. *margaritaceum* Krb. Syst. 219. — *Lecidea calcarea*
β *margaritacea* Schaer. En. 121; *Diplotomma albo-*
atrum * *pancinum* Mass. Sched. crit. 186; Krb.
Prg. 178. — Exs. Rbh. L. E. 384, 900.

Ad rupes in insula *Inarime* (*M. Rotaro, Arso*).

(148) * 2. *D. POPULORUM* Mass. (Man. II, 226). — Exs. Rbh.
L. E. 538, 735.

Ad quercus in *Apulia*; ad abietes in *Lucania* prope
Avigliano.

** *Rhizocarpon* Rmd.

(Man. I, 49; II, 228; III, 229)

(149) * 3. *D. PETRAEUM* Wulf. (Man. III, 229).

var. *albicans* Fw. (Man. III, 1 c.). — Exs. Rbh. L. E. 83.

Ad rupes calcarias in *Lucania* prope *Lagonegro* (Po-
mod.); in *Apulia*.

(150) 4. *D. ATRO-ALBUM* (Ach.) Arnold Lich. Ausflüge in Tirol,
1874, XIII, 243.

Thallus areolatus, cinerascens; K. medulla jodo coe-
rulescens, epithecio atroviride, K. viol. purp., hypothe-
cium atrofussum, K. sporae incolores, aetate fuscae,
regulariter 3-septatae, circa 6-8 loculares, propter septa

media semel divisa, 0,030 mm. lg., 0,018 mm. lat., 8 in asco.

Ad arenarias in *Lucania* prope *Castel di Lagopesole*.

(151) * 5. *D. GEOGRAPHICUM* L. (Man. II, 228). — Exs. Rbh. L. E. 25, 518.

Ad rupes calcario-siliceas, *Pignola* in *Lucania* (Fittipaldi); ad arenarias prope *Castel di Lagopesole*.

Gen. XLVI. *Buellia* Dntrs.

(Man. I, 47; II, 227; III, 229)

(152) * 1. *BUELLIA ITALICA* Mass. (Man. I, 48). — Exs. Rbh. L. E. 546.

Ad rupes vulcanicas in insula *Inarime*.

(153) 2. *B. STELLULATA* Fr. (Th.) Scand. 603. — *Buellia* spuria β minutula Krb. Prg. 183.

Ad arenarias in *Lucania*, *Castel di Lagopesole*; ad saxa calcaria in *Apulia*.

(154) * 3. *B. TUMIDA* (Man. II, 227).

Ad rupes vulcanicas in insula *Inarime*.

(155) 4. *B. LEPTOCLINE* Fw. Syst. 225. — *Buellia saxorum* Mass. Ric. 82. — Exs. Rbh. L. E. 510; Erb. crit. it. II, 618.

Ad rupes vulcanicas in insula *Inarime*.

(156) 5. *B. LACTEA* Mass. Ric. 84; Krb. Prg. 183. — *Buellia italica* var. *lactea* Mass. Sched. crit. 163.

Ad rupes vulcanicas in *Vesevo* (Pasq.); in insula *Inarime*.

(157) * 6. *B. DISCOLOR* Hpp. Krb. Prg. 185. (Man. I, 48).

Ad lapillos vulcanicos in insula *Inarime*.

(158) 7. *B. SAXATILIS* (Schaer.) Krb. Syst. 228. — *Calicii* sp. Schaer. En. 166; Fr. L. E. 400. — Exs. Schaer. LH. 240; Rbh. L. E. 800.

Ad rupes vulcanicas in insula *Inarime*.

(159) * 8. *B. BADIA* Fr. (Man. III, 230).

Ad rupes vulcanicas in insula *Inarime* (*M. Rotaro*).

(160) * 9. *B. CANESCENS* Dcks. (Man. I, 44). — *Diploiceae* sp. Krb. Syst. 174. — Exs. Rbh. L. E. 6.

Ad tofos calcarios in insulis *Pedagne* prope Brun-
dusium.

- (161) 10. B. TALCOPHILA (Ach.) Krb. Syst. 230. — Lecideae sp.
Ach. Univ. 113; Karschiaae sp. Krb. Prg. 460; Abro-
thalli sp. Mass. Misc. 42.

Ad thallum *Pertusariae sulphureae* Schaer. parasitica
in insula *Inarime* (*Arso*).

Gen. XLVII. **Catillaria** Mass.

(Man. II, 227)

- (162) * 1. CATILLARIA PREMNEA Fr. (Man. II, 227). — Exs. Rbh.
L. E. 484.

Ad abietes in *Lucania* prope *Avigliano*.

- (163) 2. C. CHALYBAEA (Borr.) Mass. Ric. 79; Bagl. Prosp. 267. —
Lecideae sp. Schaer. En. 117.

Ad rupes in *Solfatara* prope *Puteolos*.

Gen. XLVIII. **Celidium** Tul.

(Man. II, 237)

- (164) * 1. CELIDIUM STICTARUM Tul. (Man. II, 238). — Exs. Rbh.
L. E. 423, 657.

Ad apothecia *Stictae pulmonariae* Ach. in *Calabria*;
in *Veseco* (*Giffoni*) (Pasq.); in *Lucania* (Gasparrini).

- (165) 2. C. VARIUM Tul. Mem. 125; Krb. Prg. 456. — Exs. Rbh.
L. E. 785.

Ad apothecia *Physciae parietinae* Ach. et *Amphilomatis*
murorum Hffm. in *Apulia*.

Fam.. IX. GRAPHIDEAE *Eschw.*

(Man. III, 231)

Gen. XLIX. **Opegrapha** *Hmb.*

(Man. I, 50; II, 230; III, 231)

- (166) * 1. OPEGRAPHA MOUGEOTII Mass. (Man. III, 232).

Ad trachites virides in insula *Inarime* (*Pera di sopra*).

- (167) 2. *O. DURIEUI* Mtg. et Berkeley Expl. sc. de l'Alg. 279; Mass. Ric. App. 103. — Exs. Rbh. 22... (sub. *O. calcaria*...).
Thallus crassiusculus, lacteus. Apothecia immersa, lyrellaeformia, albo-pruinosa. Hypothecium nigrum. Asci ventricosi, octospori. Sporae utrinque obtusae, tetrablastae, long, 0,0183^{mm}, larg. 0,0061^{mm}, hyalinae.
 Ad tofos calcarios in insulis *Pedagne*, prope Brundisium.
- (168) * 3. *O. VARIA* Pers. var. *pulicaris* Fr. (Man. I, 50).
 Ad abietes in *Lucania* prope *Avigliano*.
- (169) * 4. *O. BULLATA* Pers. (Man. III, 232).
 Ad truncos *Juglandium* in insula *Inarime*.

Gen. L. **Arthonia** Ach.

(Man. I, 51; II, 231; III, 233)

- (170) * 1. *ARTHONIA GALACTITES* (DC.) Krb. (Man. II, 231),
 Almquist. Arth. 45. — Exs. Rbh. L. E. 143.
 Ad populos in *Lucania*, in insula *Inarime*, in *Apulia*,
 alioque.
- (171) * 2. *A. POPULINA* Mass. Ric. 50. — *Arthonia punctiformis*
 Ach. var. *quadriseptata* (Ohlert) Almquist. Arth.
 43 (Obs. I^a).
 Ad corticem *Punicae Granati* L. in *Apulia* (*Ruvo*).
- (172) 3. *A. GLAUCOMARIA* Nyl. Almquist. Arth. 59. — *Celidium*
grumosum Krb. Prg. 457.
 Ad apothecia lecanorina in insula *Inarime*.

Gen. LI. **Pachnolepia** Mass.

- (173) 1. *PACHNOLEPIA DECUSSATA* Fw. Krb. Syst. 297; Prg. 273. —
Opegrapha Endlicheri (Garov.) Schaer. En. 158. —
 Exs. Rbh. L. E. 725.
 Ad rupes vulcanicas in insula *Inarime*.

Gen. LII. **Lecanactis** Mass.

- (174) 1. *LECANACTIS DILLENIANA* Ach. Krb. Syst. 276. — *Le-*
cideae sp. Ach. Univ. 188. — Exs. Schaer. LH. 580;
 Rbh. L. E. 217.
 Ad rupes vulcanicas in insula *Inarime*.

Gen. LIII. **Conida** *Mass.*

(Man. III, 241)

- (175) * 1. CONIDA CLEMENS Tul. Mem. 124; Krb. Prg. 458. —
 Arthoniae sp. Almquist. Arth. 57.
 Ad apothecia *Placodii saxicolae* Poll. parasitica in *Apulia*
 (*Gravina*).

Fam. X. ENDOCARPEAE Krb.

(Man. III, 211 emend.)

Gen. LIV. **Endocarpon** *Hdw.*

(Man. I, 33; III, 211)

- (176) * 1. ENDOCARPON MINIATUM Ach. var. *leptophyllum* Ach.
 Krb. Syst. 100. — Exs. Rbh. L. E. 425.
 Ad rupes *Catania* (Gasparrini).

Gen. LV. **Endopyrenium** *Fr.*

(Man. II, 232; III, 233)

- (177) * 1. ENDOPYRENIUM RUFESCENS MASS. (Man. II, 232). — Exs.
 Rbh. L. E. 5, 405.
 Ad rupes calcarias *Manfredonia* (Pasq.).

Fam. XI. VERRUCARIEAE Fr.

(Man. III, 234)

Gen. LVI. **Verrucaria** *DC.*

(Man. I, 52; II, 234; III, 236)

- (178) * 1. VERRUCARIA CONTROVERSA MASS. (Man. I, 53). — Exs.
 Rbh. L. E. 226, 466, 821.
 Ad rupes in insula *Inarime*; ad tofos calcarios in
 insulis *Pedagne*, prope Brundisium.

- (179) * 2. *V. PURPURASCENS* Hffm. (Man. I, 53). — Exs. Rbh. L. E. 699.
Ad rupes calcarias in insula *Caprearum*; in *Lucania* prope *Maratea* (Pomodoro).
- (180) 3. *V. BELTRAMINIANA* Mass. Sym. 93. — Exs. Mass. Lich. It. 331.
Ad tofos vulcanicos in insula *Inarime* (*S. Nicola*); ad tofos calcarios in *Apulia* (*Gravina*).
- (181) * 4. *V. MURALIS* Ach. (Man. I, 52). — Exs. Rbh. L. E. 408.
Ad tofos et muros in *Apulia* satis frequens.
- (182) 5. *V. PAPPILLOSA* Ach.; Krb. Syst. 350. — *V. macularis* γ *acrotella* Schaer. En. 214. — Exs. Rbh. L. E. 572.
Ad rupes in *Solfatara*.

Gen. LVII. *Pyrenula* Ach.

(Man. I, 53; III, 236)

- (183) * 1. *PYRENULA NITIDA* var. *nitidella* Schaer. (Man. I, 53). — Exs. Rbh. L. E. 86.
Ad truncos prope Neapolim (*Ponti rossi*) (Pasq.); in insula *Inarime*.

Gen. LVIII. *Microthelia* Krb.

- (184) 1. *MICROTHELIA MICULA* (Fw.) Krb. Syst. 373. — *Microthelia biformis* Mass. Misc. 28; *Pyrenulae* sp. Schaer. L. H. 109. — Exs. Schaer. l. c.; Rbh. L. E. 391.
Ad truncos annosos castanearum in insula *Inarime*.
- (185) 2. *M. PYGMAEA* Krb. Syst. 374. — *Tichothecii* sp. Krb. Prg. 467.
Ad thallos alienos crustulosos in insula *Inarime* et in *Apulia*.

Gen. LIX. *Arthopyrenia* Mass.

(Man. I, 54; II, 235; III, 235)

- (186) * 1. *ARTHOPYRENIA CINEREO-PRUINOSA* Schaer. (Man. III, 236).
Ad truncos quercuum et cortices *Anagyrium* in *Apulia*.

- (187) * 2. A. PERSOONII Mass. var. *paucina* Mass. (Man. II, 235). — Exs. Rbh. L. E. 203. 658.

Ad cortices castanearum in insula *Inarime*.

- (188) 3. A. FRAXINI Mass. Ric. 167; Krb. Prg. 390. — Pyrenulae punctiformis var. Anzi Ctg. 108. — Exs. Rbh. L. E. 146; Mass. L. it. 298, 299; Erb. crit. it. 797; Anzi Lich. min. rar. 385.

Ad corticem *Ligustri vulgaris* L. in sylvis *Lucaniae*, prope *Avigliano*.

- (189) 4. ? A. AMPHILOMATIS n. sp.

Thallus alienus. Apothecia atra in thallo alieno immersa, minutissima. Perithecium atro-viride. Paraphyses nullae. Asci cylindracei, numerosi. Sporae mediocres 6-8nae, e mono-tetrablastae, cuneiformes, uno apice attenuato, et saepius curvato, hyalinae.

Ad thallum *Amphilomatis murorum* Hffm. parasitica.

OBS. Propter formam ascorum et sporarum *virgulaeformium* specimen hoc est forsitan distinguendum ab *Arthopyreniis*: nos vero nescimus si potius ad *Leptosphaerias* Ard., quam ad genus aliud novum sit referendum; dum ideo dubiae sumus sententiae, ipsum interea sub genere *Arthopyrenia* Mass. recensemus.

II. LICHENES HOMOEOMERICI *Wllr.*

Fam. XII. COLLEMAE *Krb.*

(Man. III, 238)

Sub-Fam. I. Collemaceae *Fr.*

(Man. III, l. c.)

Gen. LX. *Collema* *Hffm.*

(Man. I, 55; II, 236; III, 238)

- (190) * 1. COLLEMA PULPOSUM *Bernh.* (Man. I, 55). — Exs. Rbh. L. E. 72.

Ad terram muscosam in *Apulia* (*Gravina*); in *Vesevo Portici*, in *Calabria* (*Pasq.*).

- (191) * 2. *C. GRANOSUM* Wlf. (Man. I, 55). — Exs. Schaer. LH. 432; Rbh. L. E. 354, 556.
Ad terram prope Neapolim (Pasq.).
- (192) * 3. *C. CHEILEUM* Ach. (Man. II, 236).
Ad terram prope Neapolim (Pasq.).
- (193) 4. *C. LIMOSUM* Ach. Univ. 629; Nyl. Syn. 110.
Ad terram prope Neapolim (Pasq.).

Gen. LXI. *Leptogium* Fr.

(Man. I, 57; III, 240)

- (194). 1. *LEPTOGIUM LACERUM* Ach.
* α *majus* Krb. (Man. III, 240). — Exs. Rbh. L. E. 710.
In silvis prope *Avigliano* in *Lucania*; in *Calabria Ultra* (Pasq.).
 β *lophaeum* Ach. Krb. Syst. 418; Nyl. Syn. 122. —
Collema atrocoeruleum var. *lophaeum* Schaer. En. 249. — Exs. Schaer. LH. 407; Rbh. L. E. 711.
Ad muscos in *Lucania* (Gasparrini).
- (195) 2. *L. CHLOROMELUM* Nyl. Syn. 128. — *Collematis* sp. Ach. Univ. 646; *Collema ruginosum* Schaer. En. 251; *Synechoblasti* sp. Krb. Prg. 420.
Ad truncos *Caserta* leg. Terracciano (in Herb. Baglietto).
- (196) 3. *L. SCOTINUM* Fr. Nyl. Syn. 123. — *Collematis* sp. Ach. Univ. 651; *Collema sinuatum* Schaer. En. 250; *Leptogii* sp. Krb. Syst. 418. — Exs. Schaer. LH. 405?
Ad muscos in *Calabria* (Pasq.).

Gen. LXII. *Synechoblastus* Trevis.

(Man. I, 56; II, 236; III, 239)

- (197) * 1. *SYNECHOBLASTUS VESPERTILIO* Lgthf. (Man. I, 56). — Exs. Rbh. L. E. 158.
Ad oleas in *Galdo* (Fittipaldi); in silvis *Potenza*.
- (198) * 2. *S. FLACCIDUS* Ach. (Man. II, 237). — Exs. Rbh. L. E. 129, 612.
Ad rupes in insula *Inarime* (*S. Nicola*).

Gen. LXIII. *Lecothecium* Trevis.

(Man. II, 236; III, 241)

(199) * 1. *LECOTHECIUM CORALLINOIDES* Hffm. (Man. II, 236). —

Exs. Rbh. L. E. 110.

Ad muscos in *Solfatara* prope *Puteolos*.

EXPLICATIO TABULAE IV.

- Fig. 1. Sporae *Parmeliae tribaciae* Schaer. |
- > 2. Sporae *Lecanorae variaeformis* Bgl.
 - > 3. a Sporae b Theca et Paraphysis *Rinodinae luridescens* Bgl.
 - > 4. a Sporae b Paraphysis c Theca *Rinodinae Fittipaldiana* Jat.
 - > 5. a Sporae b Paraphysis *Aspiciliae gibbose*, var. *caeculae* Ard.
 - > 6. a Sporae, theca et paraphysis b sporae *Acarosporae trachiticae* Jat.
 - > 7. a Theca b sporae *Biatorae Castaneae* Jat.
 - > 8. Sporae *Bilimbiae? epixanthoidis* Fr.
 - > 9. Sporae *Bilimbiae Spartii* Jat.
 - > 10. a Theca b sporae *Arthopyreniae Amphilomatis* Jat.
-

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