auf den Vogesen; München in den Auen; Wien im Prater bei Dornbach, Salzburg, Tyrol, Verona, Venedig wie in den Alpen von Trient, Istrien, Siebenbürgen, Kroatien (aber nicht in Dalmatien). 4.

3. *S. denticulata* Link Filic. 1841, Spring. Lycopod. II. 82. 1842. Pollini Fl. verons. III, Rabenh. Krypt. 331, Lycopod. denticulatum L. Spec. 1106. Dill hist. muscor. t. 66, pag. 1 a.

Mittelmeerpflanze findet sich durch ganz Dalmatien an steinigen, schattigen Stellen als einziger Repräsentant von Lycopodium dann in Unteritalien bei Genua, Nizza und auf den Apenninen etc. 6—7. 4.

(Fortsetzung folgt.)

Fungi Austro-Africani.

Auctore F. de Thümen.

I.

1. *Puccinia Plectranthi* Thm. nov. sp. —

P. acervulis hypophyllis, sparsis, fuscis; sporidiis subclavatis, medio constrictis, parte superiore apice incrassato, obtuso, parte inferiore ovoideo, pedicello hyalino, curvato; flavescentibus, 56 mm. long., 15 mm. crass., pedicello 19 mm. long. — In foliis vivis *Plectranthi laxiflori* Buth. in sylvis ad pedem montis „Boschberg" prope pagum Somerset-East, Prom. boni spei 1874. Leg. P. Mac Owan. (no. 1106.)

2. *Puccinia aecidiiformis* Thm. nov. sp. —

P. acervulis hypophyllis, gregariis in soris sparsis, ochraceis, dein expallescentibus; sporidiis ovoideis, pauce constrictis, obtusis, pallide flavis, 54—58 mm. long., 30 mm. crass., pedicello hyalino recto, caduco, 6 mm. long. Fungus habitus *Aecidii.* — In foliis vivis *Nidorellae mespilifoliae* De C. in sylvis ad pedem montis „Boschberg" pr. pagum Somerset-East, Promont. boni spei aest. 1874. Leg. P. Mac Owan. (no. 1105.)

3. *Puccinia straminis* Fckl. Fungus stylosporiferus: *Uredo Rubigo vera* De C.

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f. *Digitariae sanguinalis.*

In foliis et culmis *Digitariae sanguinalis* L. var. pr. Somerset-East, Promont. boni spei 1875. — Leg. P. Mac Owan. (no. 1143.)

4. *Puccinia Cerasi* Cda. Fungus stylosporiferus: *Uredo Castagnei* Rav. (Sec. cl. Passerini.)

f. *Persicae vulgaris.*

In foliis vivis *Persicae vulgaris* Mill. pr. Somerset East, Promont. boni spei 1875. — Leg. P. Mac Owan. (no. 1104.)

5. *Puccinia Gladioli* Cast. Fungus stylosporiferus: *Uredo Gladioli* Req.

f. *Gladioli Eckloni.*

In foliis vivis *Gladioli Eckloni* Lehm. ad „Bazuja" stationis Missionis evang. inter Kaffros Tambukinos, Terra Caffrorum. — Leg. Rev. R. Bauer.

6. *Puccinia Malvacearum* Mntg.

f. *Althaeae roseae.*

In *Althaeae roseae* cultae foliis vivis pr. Somerset-East, Promont. boni spei. 1874. — Leg. P. Mac Owan. (no. 1117.)

7. *Phragmidium longissimum* Thm. nov. spec.

Ph. acervulis hypophyllis, gregariis, pallide ochraceis, cirrhosis; sporidiis (Teleutosporae) longissimis, lineari-lanceolatis, 4 septatis, ad septas incrassatis, flavidis, apice acuto, hyalino, pedicello longissimo, hyalino, curvato, 200—240 mm. long., 13—14 mm. crass., pedicello 100 mm. ad usquem long. — In foliis *Rubi rigidi* Sm. in dumetis ad pedem montis „Boschberg" prope Somerset-East, Promont. boni spei aut. 1874. — Leg. Mac Owan. (no. 1024.)

8. *Coleosporium detergibile* Thm. nov. sp. —

C. acervulis hypophyllis, minutis, sparsis, pallide flavis, dein expallescentibus; sporidiis irregularibus, plerumque reniformibus, episporio crasso, echinulato, 22—30 mm. long., 14—19 mm., crass., flavescentibus. — In foliis vivis *Psilostomae ciliatae* Kl. *(Plectroniae ciliatae* Dtr.) in monte „Boschberg" pr. Somerset-East, Promont. boni spei. 1875. — Leg. P. Mac Owan. (no. 1107.)

9. *Coleosporium ochraceum* Bon.

In *Agrimoniae Eupatoriae* L. foliis vivis pr. Somerset-East; Promont. boni spei. — Leg. P. Mac Owan. (no. 1112.)

10. *Uredo mixta* Duby. Fortasse Fungus stylosporiferus *Melampsorae salicinae* Lév.

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f. *Salicis capensis.*

U. acervulis hypophyllis, erumpentibus, aurantiacis sporidiis ovoideis, epidermide reticulato, fuscis, 22 mm. long. 14—16 mm. crass. — In foliis vivis *Salicis capensis* Thnbg. pr. Somerset-East, Promont. boni spei. 1874. — Leg. P. Mac. Owan.

11. *Uredo Ricini* Brnh. Manip. III. 10. — *Cacoma Ricini* Schlchtd. In foliis vivis *Ricini communis* Lin. pr. Somerset-East, Promont. boni spei. 1874. — Leg. P. Mac Owan.

12. *Aecidium Mac Owanianum* Thm. nov. sp. —

Aec. acervulis hypophyllis, sparsis, minutis, in macula exarida, aurantiaco-roseis; sporidiis polygonis vel irregulariter rotundatis, 15—22 mm. diam., flavescentibus; epidermide crasso, laevi. — In *Conyzae ivaefoliae* Less. foliis vivis pr. Somerset-East, Promont. boni spei. 1874. — Leg. P. Mac Owan.

13. *Aecidium Mac Owanianum* Thm.

f. *Conyzae pinnatilobatae.*

Differt sporidiis variis: rotundatis, oblongis, obtuse-ovoideis, quadrangulis, hyalinis. — In *Conyzae pinnatilobatae* De C. foliis vivis ad ripas rivulorum pr. monte „Boschberg" pr. Somerset-East, Promont. boni spei. Aut. 1874. — Leg. P. Mac Owan. (no. 1111.)

14. *Piggotia? filicina* Thm. nov. sp.

P. hypophylla, fusco-atra, peritheciis dense gregariis, maculam rotundam formantibus; sporideis ellipsoideo-ovatis, nucleatis, utraque obtusis, hyalinis, 12,5 mm. long., 8 mm. crass. — In frondibus vivis *Marattiae salicifoliae* pr. Bazuja in terra Kaffrorum. 1874. Leg. Rev. R. Bauer.

15. *Microstoma quercinum* Niessl.

f. *Roboris*

In *Quercus Roboris* foliis vivis pr. Somerset-East, Promont. boni spei. 1874 — Leg. P. Mac Owan. (no. 1110)

16. *Asteroma pullum* Kalchbr. in litt. ad me.

In foliis vivis *Privae dentatae* Juss. in sylvis montis „Boschberg" pr. Somerset-East, Promont. boni spei. Aut 1874. — Leg. P. Mac Owan. (no. 1109.) Non satis evolutum!

17. *Depazea Nesodes* Thm. — *Sphaeria Nesodes* Beck. et Br.

f. *Hydrocotyles asiaticae.*

In *Hydrocotyles asiaticae* L. foliis vivis pr. Somerset-East, Promont. boni spei. — Leg. P. Mac Owan. (no. 1115.)

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