

Fungi aliquot saxonici novi

lecti a cl. W. Krieger.

(Contributio VI ad Floram mycolog. Saxoniae.)

Auctore J. Bresadola.

Phyllosticta Kriegriana Bres. n. sp.

Maculis fuscis centro pallidis, irregularibus; peritheciis gregariis, epiphyllis, nigris, subprominulis, subglobosis, 80—120 μ , poro 6 μ , contextu parenchymatico, cellulis parvis; sporis baculiformibus, 5—6 = 1 $\frac{1}{2}$ μ .

Hab. in foliis *Melampyri nemorosi* »Weesenstein«. A. *Phyllosticta Melampyri* Allescher optime distincta.

Phyllosticta Gei Bres. n. sp.

Maculis fusco-olivaccis, bulloso-inflatis, epiphyllis, saepe totum folium occupantibus; peritheciis sublenticularibus, pallidis, contextu minute parenchymatico, 140—150 = 120—130 μ ; sporulis baculiformibus, biguttulatis, hyalinis, 6—7 = 1 $\frac{1}{4}$ —2 μ .

Hab. in foliis *Gei urbani* prope Königstein.

Phyllosticta Vincae-minoris Bres. et Krieger.

Maculis pallide fuscis, epiphyllis, pluries circa marginem atrozonatis; peritheciis tenuibus, alutaceo-fuscidulis, subglobosis vel lenticularibus, 90—120 μ vel 90—120 = 70—100 μ , contextu e cellulis polygonalibus, variantibus; sporulis hyalinis, oblongis, biguttulatis, 5—7 = 2—2 $\frac{1}{2}$ μ .

Hab. in foliis *Vincae minoris* pr. Königstein. — Media inter *Ph. Vincae* et *Ph. Vincae-majoris*.

Phyllosticta faginea Bres. n. sp.

Maculis subglobosis, parvis, confluentibus, epiphyllis, fulvo-fuscescentibus; peritheciis crassiusculis, atris, late obovatis, 80—94 μ , contextu fusco, minute parenchymatico; sporis baculiformibus, 6—8 = 1—1 $\frac{1}{4}$ μ .

Hab. in foliis *Fagi silvaticae* »Kirnitzschthale« bei Schandau.

Sphaeronema rubicolum Bres. n. sp.

Peritheciis subcutaneis, parvis, sparsis vel gregariis, carbonaceis, in ostiolum subulatum vel subcylindraccum, $\frac{1}{4}$ mm. circiter longum productis; sporulis botuliformibus, hyalinis, 3—4 = 1—1 $\frac{1}{4}$ μ .

Hab. in sarmentis *Rubi fruticosi* prope Königstein.

Placosphaeria Oenotherae Bres. n. sp.

Stromatibus gregariis, superficialibus, nigris, subellipsioides, convexis, substriatis, 1—4-locularibus, 1—3 mm longis, $1\frac{1}{3}$ — $1\frac{1}{2}$ mm latis; sporulis bacillari-falcatis, 8—9 = 2 μ , basidiis filiformibus, aequae longis, suffultis.

Hab. in caulibus *Oenotherae* biennis L. prope Königstein.

Ascochyta Deutziae Bres. n. sp.

Maculis alutaceo-pallidis, irregularibus; peritheciis epiphyllis, pallidis, ovato-globosis, vertice prominulis, 160—200 μ , contextu parenchymatico; sporulis hyalinis, cylindraceutis, subcurvulis, 1-septatis, 7—10 = $3\frac{1}{2}$ —4 μ .

Hab. in foliis *Deutziae* scabrae in hortis cultae »Königstein«.

Ascochyta Heraclae Bres. n. sp.

Maculis fuscis, subrotundatis, saepe confluentibus et bulloso-inflatis, epiphyllis; peritheciis pallide olivaceis, contextu laxe parenchymatico, 80—160 μ diam.; sporulis hyalinis, cylindraceuto-subcurvulis, 1-septatis, 15—17 = $4\frac{1}{2}$ —6 μ .

Hab. in foliis *Heraclae* spondilii pr. Königstein.

Ascochyta Medicaginis Bres. n. sp.

Maculis parvis, angulatis, gregariis, pallidis, amphigenis; peritheciis basi sublenticularibus, apice prominulis, pallide-stramineis, siccis nigris, 200 = 160 μ ; contextu parenchymatico; sporulis elongatis, interdum subcurvatis, hyalinis, demum 1-septatis, 16—26 = $3\frac{1}{2}$ —5 μ .

Hab. in foliis *Medicaginis* lupulinae pr. Königstein.

Ascochyta Cheiranthi Bres. n. sp.

Maculis alutaceis vel fuscidulis, saturatius marginatis, rotundatis vel oblongis, sparsis; peritheciis epiphyllis, circulariter dispositis, pallidis, 100—140 μ ; sporulis hyalinis, oblongis vel subcylindraceutis, interdum subcurvatis, 1-septatis, 7—9 = $2\frac{1}{2}$ — $3\frac{1}{2}$ μ .

Hab. in foliis *Cheiranthi* Cheiri in hortis »Königstein«.

Ascochyta Mercurialis Bres. n. sp.

Maculis magnis, subangulato-rotundatis, alutaceis, fusco-marginatis; peritheciis epiphyllis, gregariis, alutaceis, basi lenticularibus, 136 = 120 μ , poro usque ad 16 μ ; contextu parenchymatico; sporulis oblongis, demum 1-septatis, hyalinis, 8—9 = 3—4 μ .

Hab. in foliis *Mercurialis* perennis prope Nossen.

Ascochyta Impatientis Bres. n. sp.

Maculis ochraceo-fulvis, saturatius marginatis, subrotundato-angulatis; peritheciis epiphyllis, subglobosis, membranaceis, pallidis, contextu subparenchymatico, 160—200 μ , pro usque ad 16 μ ; sporulis subcylindraceutis, hyalinis, demum 1-septatis, 8—11 = 3—4 μ .

Hab. in foliis *Impatientis* parviflorae De C. prope Königstein.

Ascochyta Labiatarum Bres. n. sp.

Maculis vix conspicuis, haud marginatis; peritheciis epiphyllis, subglobosis, pallide alutaceis, 120—216 μ diam., contextu subparenchymatico; sporulis hyalinis, subcylindraceis, interdum subcurvatis, demum 1-septatis, 6—11 = 2 $\frac{1}{2}$ —4 μ .

Hab. in foliis Geleopdolontis lutei L. pr. Königstein.

var. *Basilici* = *Phyllosticta Basilici* Brun.?

Differt maculis fusco-marginatis. Sporae immaturae 6—8 = 2 $\frac{1}{2}$ μ unicellulares, sed bene evolutae 9—10 = 3 $\frac{1}{2}$ —4 μ et 1-septatae.

Obs. *Ascochyta Mercurialis*, A. *Impatientis* et A. *Labiatarum* ex autopsia perithecorum vix diversae, sed cum ciclus metageneticus sit ignotus et substrata ad varias plantarum familias sint referenda, eas distinctas habere censui.

Septoria Chaerophylli Bres. n. sp.

Maculis fusco-olivaceis vel fuscis, vix marginatis, irregularibus; peritheciis epiphyllis, nigris, contextu indistincto, subglobosis vel sublenticularibus, 90—100 = 80—100 μ ; sporulis cylindraceis, utrinque attenuatis, hyalinis, 1—3-septatis, 10—14 = 2—3 μ .

Hab. in foliis Chaerophylli aromatici pr. Königstein.

Septoria origanicola Allescher. var. *Majoranae*.

Differt a typo sporulis minoribus, sc. 24—32 = 1 $\frac{1}{2}$ μ . Perithecia 80—100 μ .

Hab. in foliis Origani Majoranae L. in hortis »Nossen«.

Septoria Poae-annuae Bres. n. sp.

Amphigena; maculis nullis; peritheciis sparsis vel gregariis, lenticularibus, apice prominulis, 136—160 = 102—112 μ , poro 12 = 8 μ , contextu subparenchymatico; sporulis hyalinis, 35—40 = 1 $\frac{1}{2}$ μ .

Hab. in glumis et foliis Poae annuae pr. Königstein. Cum *Septoria Calamagrostidis* (Lib.) Sacc. comparanda.

Leptothyrium Astragali Bres. n. sp.

Maculis epiphyllis, griseo-alutaceis, fusco-marginatis, subcircularibus vel oblongis; peritheciis subrotundatis, erumpente-subsuperficialibus, contextu e cellulis subquadrangularibus, radiato-dispositis, conflatu, hysterioideo-rimosis, 80—100 = 60—80 μ ; sporulis hyalinis, subcylindraceis vel oblongis, interdum subcurvatis, 6—9 = 2—2 $\frac{1}{2}$ μ .

Hab. in foliis Astragali glycyphylli prope Nossen.

Zythia incarnata Bres. n. sp.

Peritheciis carnosulo-submembranaceis, adnate-superficialibus, subglobosis vel convexis, astomis, ex auroreco-carneis fuscidulis contextu indistincto, $\frac{1}{4}$ — $\frac{3}{4}$ mm; sporulis hyalinis, subfusoides vel subreniformibus, 18—24 = 6—7 μ ; basidiis filiformibus, ramosis, 1 $\frac{1}{2}$ μ crassis.

Hab. in caulibus Heraclei Sphondylii pr. Königstein.

Ramularia Kriegeriana Bres. n. sp.

Maculis pallidis, late fusco-marginatis, amphigenis, subcircularibus; caespitulis griseis, dense gregariis; hyphis hyalinis, ramosis, cylindraceis, apicem versus scabroso-subdentatis, septatis $80-100 = 2-3 \mu$; conidiis hyalinis, cylindraceis, apicibus attenuatis, convexis, $1-3$ septatis, $18-48 = 4-4\frac{1}{2} \mu$.

Hab. in foliis *Plantaginis majoris* L. in campis pr. Königstein.

Ramularia chlorina Bres. n. sp.

Maculis nullis; caespitulis hypophyllis, chlorinis, in greges parvas, internervias, hic illic sparsas dispositis; hyphis hyalinis, basi chlorinis, septatis, cylindraceis, apicem versus subdentatis, $48-64 = 4 \mu$; conidiis hyalino-chlorinis, cylindraceis, interdum subeuvulis, 1-septatis, $16-32 = 3\frac{1}{2}-5 \mu$.

Hab. in foliis *Senecionis Fuchsii* prope Schandau.

Cercospora chenopodiicola Bres. n. sp.

Maculis parvis, subrotundatis, pallidis, fusco-marginatis; caespitulis amphigenis, dense gregariis, fuscidulis; hyphis flavidis, cylindraceis, septatis, apicem versus subdentatis, $40-60 = 5 \mu$; conidiis hyalinis, clavatis, pluriseptatis, $56-96 = 2-3 \mu$, apice $1-1\frac{1}{2} \mu$.

Hab. in foliis *Chenopodii polyspermi* prope Königstein. *Cercosporae betieolae* Saec. admodum affinis, a qua forte non satis distincta.

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325-328](#)