



3. Exobasidium Cassandra Peck. — Sau., Syll., VI, p. 665.  
 Hab. in foliis inj. Cassandra calyculata in insulis lacus  
 Mojarstojje (2181).

Ustilagineae

4. Ustilidia Tribii (Berk.) Wint. — Sau., Syll., VII, p. 481.  
 Hab. in ovario Tribii sativi culti pr. Jermakovskoje (2229)
5. Ustilaga subinclusa Körn. — Sau., Syll., VII, p. 475.  
 Hab. in ovario Carni rhyngophyse prope lac. Mojarstojje  
 (2235) — Sporae globosae, 15-16  $\mu$  d., fuliginosae, crebrae hyalinae-ver-  
 rucosae; verrucae facite pediculis.
6. Ustilaga Panicis-mitracae (Pers.) Wint. — Sau., Syll., VII, p. 454.  
 Hab. in paniculis Panicis mitracae culti prope Jermakovskoje  
 (2232)

Uredinea

7. Uromyces Geranii (DC.) Oth. — Sau., Syll., VII, p. 535.  
 Hab. in foliis Geranii pratensis in pratis pr. lac. Karassim  
 (2016)
8. Puccinia Rubigo-vera (DC.) Wint. — Sau., Syll., VII, p. 624.  
 Hab. in foliis vaginisque Tribii sativi Mussinsk (2022) et  
Hordei vulgeris ibidem (2227)
9. Puccinia Ribis DC. — Sau., Syll., VII, p. 619.  
 Hab. in foliis Ribis rubri in pratis prope fl. Jrba (2002)
10. Puccinia Pimpinella (Sk.) Smk. — Sau., Syll., VII, p. 616.  
 Hab. in foliis Gomphopetalis albiflori in pratis prope  
Lamodurovka (2131)
11. Puccinia Virgaurea (DC.) Lib. — Sau., Syll., VII, p. 619.  
 Hab. in foliis Solidaginis Virgaurea in pratis alpinijs  
 pr. M. Bony (2113)
12. Coleosporium Euphrasiae (Schum.) Wint. — Sau., Syll., VII, p. 754.  
 Hab. in foliis Pedicularis resupinatae in pratis prope fl.  
Tjuchbeat (2171)

13. Accidium Geranii DC. — Sac. Symb., VII, p. 531.  
Hab. in foliis Geranii hibernici in ruderatis pr. Minussinsk (2205). Forma metabasica Uromyctes Geranii.
14. Accidium Pseudani Vahl Sac. Symb., VII, p. 672.  
Hab. in foliis Pseudani baicalensis in desertis pr. Minussinsk (2136). Forma metabasica Puccinia carniolica Vahl. Ma diversa ab Accido Althusea Kirchneri?
15. Accidium Clematidis DC. — Sac. Symb., VII, p. 714.  
Hab. in petiolis qui maxime incrementum at Esfomanter, Clematidis glauca prope Minussinsk (2215)
16. Accidium Orchidearum Desm. — Sac. Symb., VII, p. 651.  
Hab. in foliis Gymnadeniæ conopsea in silvis pr. Samodurovka (2003) — Forma metabasica Puccinia Moliniae Tul.
17. Accidium Senecionis Desm. — Sac. Symb., VII, p. 667.  
Hab. in foliis Cacalia hastata in silvis prope lac. Mojarstkoje (2099) sociis forme telentosporea Puccinia conglomerata (Str.) S. et K. — P. expansa Thüm. (2100)
18. Uredo Polypodii Pers. — Sac. Symb., VII, p. 857  
Hab. in frondibus Polypodii Dryopteridis in silvis pr. lac. Mojarstkoje (2054). Est forma altera (telentosporea?) sporis crassissime hincatis, 36-30; de qua cfr Schröt. Pilzfl. Sohle I, p. 376.

Pyrenomyces.

19. Eutypella Sorbi (Schm.) Sac. Symb., I, p. 140.  
Hab. in cortice ramorum Sorbi occupans in silvis pr. fl. Golubaja (2219 et 2237). Ascis p. sporif. 16 = 6 (dimensi. cum Fuchel, nec cum Mikhele congruent); sporiis 6-7 = 1,7 <sup>ultrissime</sup> metris
20. Sphaerella Galatae Sac. Symb., I, p. 520  
Hab. in foliis Aquilegiae hibernicae in silvis prope fl. Ullanschul (2211). Ascis apice truncat. 33 = 8; sporiis in castrata 10 = 2,7.

21. Sphaerella phlogina E. & W. - Sac. Syll., IX, p. 626.  
 Hab. in foliis, arescentibus Phlogis sibirica in desertis  
 pr. fl. Námir (2117) et fl. Sou (2148). Asc. epia  
 crassa tunicati, obtusuli, 65-75 = 18-20, reticulati; sporidia disti-  
 cha basi clavata, utrinque rotundata, 24-28 = 6-7, medio  
 leviter constricta, hyalina. Perithecia globoso-conioides.
22. Gnomonia fenestrans (Duby) Sac. Syll., I, p. 562  
 Hab. in caule Spilobii angustifolii in arvis pr. Jugorifka (2103)
23. Trapothe rostellata (Fr.) Mits - Sac. Syll., II, p. 667.  
 Hab. in <sup>caulis</sup> ~~ramentis~~ Rubi saxatilis in silvis pr. fl. Juja (2214)
24. Leptosporia ogilvensis (B. & C.) Ces. De Not. - Sac. Syll.,  
 II, p. 34.  
 Hab. in caulis, siccis Senecionis et Serratulae pr. Minussinsk  
 (2018, 2068). Est forma sporidia parva minoribus, paucis 32-36 =  
 4-4,5, arvis 75-80 = 10.
25. Leptosporia diameterum Morsh - Sac. Syll., III, p. 15.  
 Hab. in caulis, Cirsii heterophylli in silvis pr. Golubaja  
 (2105). Est forma sporidia parva crassioribus (22-23 = 5)  
 ad L. chrenfeni acadensis.
26. Leptosporia bella Pass. - Sac. Syll., IX, p. 777, Berl.  
Mon. fung., t. XXXIX, f. 5.  
 Hab. in foliis putrescentibus Fridii bislami in desertis pr.  
Minussinsk (2052) - Est matrix tam diversa (species typica  
 reperienda fuit in Chendilla) nota ut differt sporidia parva  
 majoribus (18 = 6-7 nec 14-16 = 5) Lept. bacypporina Berl. Mon.,  
 t. XXXIX, fig. 6 quae <sup>in uno matris</sup> ~~convenit~~, sed ejus <sup>aperturam</sup> ~~icem~~ in Berl. De Fung.  
 p. 8 t. IX, f. 4 non quadrat. ~~Est~~ ~~species~~ Coburn. ex ipso Berl.  
L. bacypporina (1889) aptius conjungenda cum L. bella (1887)
27. Pleospora Paxoniana Berl. Monog. Pleosp., p. 84, t. IV, f. 5  
Sac. Syll., IX, p. 885.  
 Hab. in caulis, amictis Yungia diversifoliae pr. Minussinsk (2142)  
 Asci 90 = 18; sporidia obovato-oblonga, 24 = 9, 7-septata-muriformia, fulva  
 atra, disticha; perithecia exigua. Videtur forma diminuta Pleospora  
herbarum.

Tricomycetes

28. Pyrenopeziza sphaerioides (Desmi.) Sacc. Syll., VIII, p. 364 ex emend.  
Rehm. Diss., p. 644 (forma Astragali).  
 Hab. in caulis, emortuis Astragali pr. Mimussinsk (2197)  
 Anomala in subcutanea, nigricantia, minuta, sphaerioides; asci  
 40-8-9 paraphysibus interdum funatis ovalibus; sporidia fusoides  
 reticulata, sub-4-guttata, 16-2.
29. Pyrenopeziza Strobil. (Fr.) Sacc. Syll., VIII, p. 360 (forma Trollii)  
 Hab. in caulis, emortuis, Trollii asiatici in pratis, prope  
Schorschino (2218). Anomala in tecta, 200  $\mu$  d., Ascopora  
herbarum emula; asci 30-36 = 5-6, paraphysibus; sporidia  
 fusoides, reticulata, sub-4-guttata, 9-10 = 2, 5-3. Botry-  
sphaeria Morhrien Fuek. (Sacc. Syll., VIII, p. 376) at opinor  
 est junior hujus speciei.
30. Ninia Tepalidica Rehm. Diss. p. 44, Sacc. Syll. VIII p. 664.  
~~Sacc.~~ Luzula Sacc. <sup>in v. v.</sup> Anomalia in cana terrarum gregarij  
 subcutaneo-erumpentibus, parallelatis, ore sensim ampliore subrotun-  
 do, sordide melleis, 150-200  $\mu$  d., epidermide in cognatis fissis  
 cinctis; asci cylindraceis, brevissime bipitatis, 40-45 = 5,  
 apice breve obtusaque temetis, 4-(8?)-sporiis; paraphysibus  
 piliformi-clavatis, raro funatis; sporidia <sup>anguste</sup> brevis-clavatis, deorsum  
 acutatis, curvis, 12-15 = 1,5-2, hyalinis, <sup>continuis</sup> vix plasmate  
 diviso.  
 Hab. in folijs emortuis Luzulae pilosae in pratis alpinijs  
 pr. M. Bouy (2254) & Wana Tepalidica, <sup>Rehm.</sup> et N. se-  
riata <sup>(Sacc.)</sup> Fuek. forma et magnitudine sporidiorum imprimis diversa.
31. Rhytisma Andromeda (Pers.) Fr. - Sacc. Syll., VIII, p. 756.  
 Hab. in folijs Andromeda polifolia in insulis lacus  
Mojarskoje (2153)

VI  
Sphaerisidea

32. Phoma diopothella Sacc. sp. n. Peritheis; phyllo-caulogemis, late gregaris, <sup>globo-depressis</sup> punctiformibus, <sup>obtusis</sup> atriis, innatis erumpentibus, 100  $\mu$  d., sporis tereti-oblongis, utrinque rotundatis, rectis, v. inaequaliter, 9-10 = 3, hyalinis, 4-guttulatis.

Hab. in foliis caulibusque frugis Asperula paniculata in hinc pr. fl. Golubaja (287). Sporula ob guttulas quatuor spores diopothae in memoriam revocant et a typo Phoma recedunt.

33. Lendophoma crastophila Sacc. sp. nov. Peritheis; in aris foliorum vivorum arecentibus amphigenis, dense gregaris, innatis erumpentibus, globosis, <sup>obtusis</sup> atriis, 150  $\mu$  d., hyphis brevibus cinctis; sporis minutis, allantoidis, 4-5 = 0,7-1, hyalinis; basidiis filiformibus vage ramulosis, 15-20 = 2-2,5, ramulis fusoidis apice acutis, hyalinis.

Hab. in apice arecente foliorum vivorum Hordei vulgaris pr. Mussinsk (2031).

34. Sphaeronomia Merhanoffiana Sacc. sp. nov. Peritheis; dense et late ~~late~~ gregaris, amphigenis, innatis mox superficibus, conico-rotundatis, fragilibus, <sup>minute cellulis</sup> ~~derimis~~, 80  $\mu$  lat. 130  $\mu$  alt.; sporis (an cellulis thalamii interioribus?) globosis, 4-6  $\mu$  diam., hyalinis, cellulis angustioribus suffultis.

Hab. in foliis emortuis putrescentibus Salpiniis elat. var. canad. in prat. pr. lac. Kyrkul (2190)

35. Hendersonia? phyllachoroides Sacc. sp. nov. Peritheis; <sup>plagulas</sup> in stromaticas <sup>plagulas</sup> lacunculae, multiformes, atro-nigridae, phyllachoroides, sub lente velatae, 3-5 mm. long. conjunctae, asterris, contextu parenchymatico fulgore; sporis(?) dense parallele striatis, ~~per~~ cylindricis, apice rotundatis, 40-45-70, 4-septatis, haud contractis, loculis grosse 1-guttulatis, fuliginis externis pallidioribus, e basi spongiosa vix recedentibus.

Hab. in caulibus arecentibus longatis Calimeridis albae in desertis pr. Mussinsk (2098). <sup>peculiaris, sed</sup> Sphaerodoria, sporula enim insueta basidia quaedam potius imitantur.

36. Lepidaria Bidentis Sacc. Syll., III, p. 547.  
Hab. in foliis Bidentis tripartita ~~et~~ in humidis pr.  
Massachus (2043)
37. Dinemarporium Recipiens (De Not.) Sacc. Syll., III, p. 685.  
Hab. in ligno putrescente Betulae albae in silvis Suja  
(2058)
38. Gloeosporium betulinum West. - Sacc. Syll., III, p. 715  
Hab. in foliis Betulae zeylae, locis Forstjokke, in silvis pr. Schuschenkoje (2027)  
Hyphomyces
39. Fusicladium depeyrum (B. & Br.) Sacc. Syll., IV, p. 346.  
Hab. in foliis viti Angelicae sylvestris in pratis pr.  
locum Mojascoje (2137)
40. Fusarium Equisetorum (Lb.) Desm. - Sacc. Syll., IV, p. 718.  
Hab. in caulibus longioribus Equiset. hiemalis in silvis pr.  
Massachus (2045) - sporidia oblonga, erumpentia, cordata  
rubentia; conidia test. fusidea, apice obtusula, curva,  
30 = 3, pluriguttulata, continua, spheris plurimibus, 2  
µ v. hyalinis, basi fuscatis, suffulta.

Cetera fungorum species a cl. Markanoff simul missae sed  
in hanc Siberiam prius jam nota sequentes sunt; ea saltem  
quae determinari poterunt.

- Ustilago rogatum (Dull.) Pers. in Triticis (2230) Avena (2231) et Hordeis (2228).
- Ustilago urceolorum Tul. in Cereis (2224).
- Uromyces Klenei (Schlecht.) Fock. in filis graminifolia (2012).
- Uromyces Polygoni (Pers.) Fock. in Polygono aviculari (2129).
- Puccinia graminis Pers. in Secale Cereale (2226).
- Puccinia Gentianae (Hb.) Link. in Gentiana alpida (2118).
- Puccinia Anemones virginiana Schw. in Anemone alpina var. hibica (2216).
- Puccinia conglomerata (Hb.) Schum. in Cacalia hastata (2100).
- Puccinia Asteris Duby. in Cirsio heterophyllo (2112).
- Puccinia Valerica Pers. in Galio Aparine (2127) et G. verno (2126).

- Puccinia Arenaria* (Schum.) Schrot. in *Cerastia pilota* (2225)  
*Puccinia Viola* (Schum.) DC. in *Viola mirabilis* (2044)  
*Puccinia Northii* Körn. f. *P. kirghizica* Thüm. in *Geranium albifloro* (2009)  
*Melampsora Helioscopia* (Pers.) Wint. in *Euphasia lateralis* (2177, 2176)  
*Melampsora Linii* (Pers.) Tul. in *Linum usitatissimum* (2015)  
*Phragmidium Subcoarctum* (Schrank) Wint. in *Poa Fuchsii* et *crumena*  
*munea* (2224, 2246) forma *accedispora*)  
*Renodochyus carbonarius* Schlecht. in *foliis sanguisorbae officinalis*  
(2249 forma *accedispora*)  
*Cronartium vibicola* Fisch. v. Wald. in *Ribes rubra* (2008)  
*Accidium Pythomii* DC. in *Pythonia Dente-Canis* (2038)  
*Accidium Periclymeni* Schum. in *Sonchera coarctata* (2075)  
*Accidium Apocynifolij* Pers. in *Dactylis myosotidiflora* ? (2174)  
et in *Trichostema villosa* (2163)  
*Accidium Urticae* Schum. in *Urtica cannabina* (2178)  
*Accidium Ranunculacearum* DC. in *Callanthemon rubifolius* (2209)  
*Accidium Tussilaginis* Gm. in *Tussilagine Farfara* (2135)  
*Accidium Cirsii* DC. in *Tanacetum serrata* (2105)  
*Erysiphe Campocarya* Lev. in *Peperata macrantha* (2124)  
*Erysiphe Martii* Lev. in *Thlaspi arvense* (2198)  
*Ophiobolus elaeosporus* Sacc. et Past. in *Stobaea maritima* (2144),  
*Calimeride albica* (2098 ex p.) *Artemisia glauca* (2082)  
*Dothidea betulina* (Fr.) Sacc. in *Betula alba* (2027)  
*Phacidium Medicagoe* Sacc. in *Medicago lupulina* (2186)  
*Lemonites fusca* Roth. ad ligna (2060)  
*Phoma herbarum* West. in *Atropa belladonna* (2240)  
*Phoma melana* Fr. in *Calimeride albica* (2134)  
*Phoma Singam* (Tode) Desm. in *Aquilegia glandulosa* (2193)  
*Septoria Cirsii* Muhl. in *Serratula coronata* (2146)  
*Septoria Lychnidij* Desm. in *Melandro pratensis* (2242)  
*Septoria Rubi* West. in *Agromonia pilota* (2250)  
*Tubercularia vulgaris* Tode in *Cercia Populi tremula* (2185)  
*Sphaerella Pulsatilla* (Sacc.) Answ. in *foliis Trollii* (2218 ex p.)