

Additions to
the Fungous Flora of Manitoba

G. R. Bisby, A. H. R. Buller, and John Dearness

The following fungi have been recorded in Manitoba since the publication of "The Fungi of Manitoba" in 1929. They are arranged in the order used in the book and the page, on which the new record may be added, is indicated at the left. (Ingolf records are from the Ontario boundary.) Names marked "(n)" are near the species listed; these, and certain others, require further checking. Members of the Dominion Rust Research Laboratory have contributed some of the additions, and Dr. Jakob E. Lange of Denmark examined in the field, and supplied the names for, many of the Agaricaceae mentioned.

The 142 net additions listed here bring the known fungi of Manitoba (Nov. 1, 1931) to 2,109 species, plus about 20 on man and higher animals.

Note - Where a specimen has been deposited in the Division of Botany Herbarium the herbarium number is given in curves at the end of the record - I. L. Connors

<u>Page</u>	<u>Add</u>
51	<u>Badhamia magna</u> Pk. On poplar, M.A.C.
54	<u>Bacillus Lathyri</u> Manns & Taub. On sweet pea, Winnipeg.
55	<u>Saprolegnia Thuretii</u> de Bary. On flies in water, M.A.C.
57	<u>Zygorhynchus Vuilleminii</u> Namysl. From soil from Killarney.
59	<u>Ascobolus</u> (n) <u>glaber</u> Pers. On horse dung, M.A.C. <u>A. viridulans</u> Phill. & Plowr. On rabbit dung, M.A.C. <u>Ascophanus gallinaceus</u> (Pk.) Seaver. On partridge dung, M.A.C. <u>A. glaucellus</u> Rehm. On rabbit dung, M.A.C.
61	<u>Sepultaria</u> (n) <u>aurantia</u> Clem. In soil, Morris. (1180) <u>Arachnopeziza aurelia</u> (Pers.) Fckl. On birch, Victoria Beach. (1185)
62	<u>Ciboria luteovirescens</u> (Rob.) Sacc. On twigs, M.A.C.

- Page Add
- 62 Dasyscypha (n) Willkomii (Hartig. On Pinus Banksiana,
Victoria Beach.
- 64 Schizoxylon decipiens Karst. var. Symphoricarpi Rehm,
M.A.C.
- 66 Eurotium pulcherrimum Wint. On dung of grouse and goose,
M.A.C.
- 67 Claviceps microcephala (Wallr.) Tul. On Phleum pratense
and Panicularia grandis, Chater and Clandeboye.
Reported in the book as C. purpurea, of which C.
microcephala may be a form.
- 69 Stigmatea Juniperi (Desm.) Wint. (MICROTHYRIALES),
Victoria Beach. (1181)
- 70 Pleuraea (n) anomala D. Griff. On partridge dung, M.A.C.
- 71 Wallrothiella Arceuthobii (Pk.) Sacc. On Arceuthobium
americanum on Pinus Banksiana, Victoria Beach (S. Dow-
ding) (962). (cf. Dowding, E. Silver, Wallrothiella
Arceuthobii, a parasite of the Jack-pine mistletoe.
Can. Jour. Res. 5:219-230. pl. 1-2, text fig. 1-21
and map. 1931. - The author also reports the finding of
Wallrothiella Arceuthobii on jack-pine mistletoe north
of Edmonton, Alta. Between the N. Saskatchewan and the
Athabasca Rivers).
- Othia Symphoricarpi Ell. & Ev. On Symphoricarpos, M.A.C.
- Amphisphaeria decolorans (Rehm) Br. On " " "
- A. incrustans E. & E. On Abies balsamea, Victoria Beach.
- 72 Lophidium compressum (Pers.) Sacc. On Populus, M.A.C.
- Lophiostoma (n) praemorsum (Lasch.) Eckl. On Symphoricarpos,
M.A.C.
- Didymella applanata (Niessl) Sacc. Substitute for
Mycosphaerella rubina.
- 75 Ophiobolus (n) filisporus (C. & E.) Sacc. On Grindelia,
Ste. Agathe.
- O. trichisporus E. & E. (probably). On straw, M.A.C.

Page Add

- 75 Pyrenophora Bromi (Died.) Drechsler. On Bromus inermis,
M.A.C.
- 76 Anthostoma melanotes (B. & Br.) Sacc. var. Symphoricarpi
Brenckle. M.A.C.
- Diaporthe eres Nits. Also on Symphoricarpos, M.A.C.
- 78 Diatrype (n) bullata (Hoff.) Fr. On Populus, M.A.C.
- 80 Laboulbenia flagellata Peyr. On Elaphrus sp., Beulah.
- 81 Doassansia Martianoffiana (Thüm.) Schroet. On Potamogeton,
Norway House. (1177)
- 82 Chrysomyxa Arctostophyli Dietel on bear-berry, Victoria
Beach. (1178)
- Cronartium Quercus (Brondeau) Schroet. (C. Quercuum Miyabe).
Recorded by Fraser and Connors (Trans. Roy. Soc. Canada.,
19, p. 281) on Pinus sp., Morden.
- 83 Puccinia Anemones-virginianae Schw. On Anemone canadensis,
M.A.C. (977)
- 84 P. Calthae (Grev.) Lk. On Caltha palustris, Victoria Beach.
(923)
- P. conglomerata Schm. & Kunze. On Petasites, Cowan.
- P. Drabae Rud. On Draba ?daurica, Ft. Churchill (Fide I.
Jorstad, Norway).
- 87 Rostrupia tomipara is a segregate of Puccinia Clematidis.
- Uromyces Medicaginis Pass. Trace on alfalfa, M.A.C.
- 89 Corticium effusatum Cke. & Ellis. Incorrectly spelled C.
effuscum.
- Craterellus lutescens Pers. ex Fr. Among moss, Norway
House.
- Cyphella muscigena Pers. ex Fr. On moss, Vivian.
- 90 Peniophora affinis Burt on Poplar, M.A.C.

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- 91 Peniophora (n) laevis (Fr.) Burt. On Ulmus, M.A.C.
Thelephora laciniata (Pers.). Omit, as it is a synonym of
T. terrestris (Ehr.) Fr.
- 92 Pistillaria micans (Pers.) Fr. On old herbaceous stems,
M.A.C. (967)
- 97 Poria rhodella Fr. Swan River.
Boletus albellus Pk. Victoria Beach.
B. (n) castaneus Bull. Victoria Beach.
B. (n) chrysenteron (Bull.) Fr. Victoria Beach.
B. felleus Bull. Victoria Beach.
- 99 Clitocybe clavipes Fr. Ingolf.
C. Trogii Fr. Ingolf.
Collybia albiflava (Pk.) Kauffman. Victoria Beach.
- 101 Hygrophorus pustulatus (Pers.) Fr. Ingolf.
H. ?subrufescens Pk. Victoria Beach.
H. tephroleucus Pers. Ingolf.
- 102 Lactarius chrysorheus Fr. Victoria Beach.
Lactarius hygginus Fr. Victoria Beach.
L. obnubilis Lasch. Ingolf.
L. thiogalus Fr. Ingolf.
- 103 Lentinus (n) badius Bres. Ingolf.
L. umbilicatus Pk. Kenora.
L. (n) Underwoodii Pk. Lac du Bonnet
Lepiota amianthina (Scop.) Fr. Ingolf.
L. (n) asperula Atk. Victoria Beach.

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| 103 | <u>L. illinita</u> Fr. Ingolf.
<u>Marasmius scorodoni</u> Fr. Ingolf.
<u>M. semihirtipes</u> Pk. M.A.C.
<u>Mycena corticola</u> Fr. M.A.C.
<u>M. epipterygia</u> Fr. Ingolf. |
| 104 | <u>M. (n) lactea</u> (Pers.) Fr. Ingolf.
<u>Omphalia campanella</u> Fr. var. <u>badipus</u> Fr. Ingolf.
<u>O. fibuloides</u> Pk. Vivian.
<u>O. pyxidata</u> Bull. Vivian.
<u>Pleurotus lignatilis</u> Fr. Ingolf. |
| 105 | <u>P. serotinus</u> Fr. Ingolf.
<u>Russula palustris</u> Pk. Norway House. |
| 106 | <u>T. spermaticum</u> Fr., var. Substitute for <u>T. (n) subacutum</u> Pk.
<u>Tricholoma vaccinum</u> Fr. Ingolf. |
| 107 | <u>Leptonia (n) lampropoda</u> Fr. Victoria Beach. |
| 108 | <u>Pluteus calocephus</u> Atk. Victoria Beach.
<u>P. roseocandidus</u> Atk. Victoria Beach. |
| 109 | <u>Cortinari</u> <u>brunneus</u> Fr. Ingolf.
<u>C. cinnamomeus</u> Fr. var. <u>croceus</u> (Schaeff.) Fr. Ingolf.
<u>C. croceoconus</u> Fr. Ingolf.
<u>C. glandicolor</u> Fr. Ingolf.
<u>C. (n) multiformis</u> Fr. Victoria Beach.
<u>C. pluvius</u> Fr. Ingolf.
<u>C. purpurascens</u> Fr. Ingolf. |

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| 110 | <u>Flammula alnicola</u> Fr. Ingolf.
<u>F. penetrans</u> Fr. Ingolf.
<u>Galera hypnorum</u> Fr. var. <u>sphagnorum</u> (Pers.) Fr. Ingolf.
<u>G. raveda</u> Fr. M.A.C. |
| 111 | <u>Hebeloma gregarium</u> Pk. M.A.C.
<u>H. (n) hiemale</u> Bres. M.A.C.
<u>H. (n) pascuense</u> Pk. Victoria Beach.
<u>Inocybe (n) atripes</u> Atk. Victoria Beach.
<u>I. geophylla</u> Fr. var. <u>lateritia</u> (Weinm.) Stev. Ingolf. |
| 112 | <u>Naucoria Myosotis</u> Fr. On sphagnum, Ingolf.
<u>N. vervacti</u> Fr. Victoria Beach.
<u>Paxillus (n) leptopus</u> Fr. Victoria Beach.
<u>Pholiota aurivella</u> (Batsch) Fr. Ingolf. |
| 113 | <u>Hypoholoma Artemisiae</u> Pass. On sawdust, M.A.C.
<u>H. Polytrichi</u> Fr. In a muskeg, Ingolf.
<u>H. populinum</u> Britz., variety. Victoria Beach. |
| 115 | <u>Stropharia psathyroides</u> Lange. In moss, Ingolf. |
| 121 | <u>Lycoperdon echinatum</u> Pers. Ingolf. |
| 122 | <u>Acrostalagmus cinnabarinus</u> Cda. On potato tuber, M.A.C.
<u>Arthrobotrys superba</u> Cda. On dung and nemas, University
and M.A.C.
<u>Aspergillus terreus</u> Thom. From butter, isol. at M.A.C. |
| 124 | <u>Cercospora (n) simulans</u> Ell. & Kell. On <u>Amphicarpa monoica</u> ,
M.A.C. |
| 126 | <u>Coremium cinereoalbum</u> (Bon.) Sacc. On rabbit dung from
Kenora. |

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126 Cylindrium aeruginosum (Lk.) Lindau. On fallen oak leaves,
M.A.C. (1117)

Fusarium (n) aquaeductum (Rad. & Rab.) Sacc. In slime
flux, Victoria Beach.

127 Gliocladium macropodium March. On goose dung from Rosser.

Helminthosporium Bromi Died. Stage of Pyrenophora Bromi,
M.A.C. (1175)

H. Urticae Pk. On old stems of Urtica, M.A.C.

128 Hormiactis (n) alba Preuss. On poplar bark, M.A.C.

Macrosporium Saponariae Pk. On Vaccaria Vaccaria, M.A.C.
(1176)

Monilia (n) candida Bonord. On goose dung from Rosser.

M. sitophila (Mont.) Sacc. As a laboratory mould, M.A.C.

Oospora lactis (Fres.) Lindau. In milk etc., everywhere.

129 Polyscytalam sericeum Sacc. On old leaves, M.A.C.

130 Ramularia (n) variata Davis. On Mentha canadensis, M.A.C.

Sclerotium bifrons Ell. & Ev. On leaves of Populus
tremuloides, Victoria Beach and Bull Head, Lake Winnipeg,
(938).

S. lichenicola Svend. On Cladonia, Victoria Beach.

131 Sepedonium niveum Masee & Salm. On rabbit dung, M.A.C.

Sporotrichum parasiticum Pk. On black knot on Prunus,
Victoria Beach. (1174)

Stachybotrys cylindrospora Jensen. In cultures, Rust Lab.

S. lobulata Berk. On paper in a dung culture, M.A.C.

Stysanus fimetarius (Karst.) Masee & Salm. On horse dung,
M.A.C.

S. (n) microsporus Sacc. In cultures, Rust Lab.

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- 131 Trichoderma Koeningi Oud. In cultures, Rust Lab.
- 135 Steganosporium Fautreyi Sacc. & Syd. On birch twigs,
Victoria Beach.
- Camarosporium Caraganae Karst. On old Caragana, M.A.C.
(933)
- 136 C. (n) Negundinis Ell. & Ev. On ZAcer Negundo twigs,
M.A.C.
- Coniothyrium (n) parasitans (Berk & Rav.) Tassi. On
Hypoxylon, M.A.C. (1191)
- Cytospora leucostoma Sacc. On cult. plum, Morden.
- C. Symphoricarpi Ell. & Barth. Stage of Valsa, M.A.C.
- 137 Dothichiza Symphoricarpi Petrak. On S. occidentalis,
M.A.C.
- Haplosporella Symphoricarpi Pk. (a variety) M.A.C.
- 138 Phyllosticta Bonanseana Sacc. On alfalfa, M.A.C.
- P. fatiscens Pk. On Nymphaea advena, Jack-fish Rapids
near Norway House. Spores 7-10 x 2.5-3.8u. (1190)
- 139 P. hibiscina Ell. & Ev. On Hibiscus esculentus L., Morden.
Spores 4-8 x 2u. (1186)
- 141 Septoria Caraganae (Jacz.) Died. On Caragana leaves,
M.A.C. (1188)
- S. flagellaris Ell. & Ev. On Convolvulus sepium, M.A.C.
Spores 50-86 x 2-3u. (1187)

Corrections to the Host Indices as Published

Host Index

- 156 Diatrypella verrucaeformis on Corylus spp. C. Change to
D. missouriensis E. & E. cf. p. 79
- 157 Lachnella sporotricha on Helianthus annuus equals
Dasyscypha sporotricha (Oud.) Rehm cf. p. 62.
- Peniophora affinis on Populus spp. D cf. "p. 90"
of Additions.

Host Index

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- 158 Arcyria nutans on Populus spp. E. Omit.
Physarum connatum " " " should be P. notabile
 Machr. cf. p. 53
Hydnum populinum on Populus spp. E. Omit; too uncertain.
Poria vulgaris on Populus spp. E. should be P. selecta
 Karst. cf. p. 97.
- 159 Sphaeropsis Mali on Prunus (Padus) nana C. is probably the
 same as Sphaeropsis Malorum Pk. cf. p. 159.
Dasyscypha cerina on Quercus macrocarpa C. Omit; too
 uncertain.
- 160 Rhabdospora Symphoricarpi on Symphoricarpos occidentalis C.
 a nomen nudum.
- 164 Phyllosticta sp. on Hibiscus esculentus L. is P. hibiscina
 Ell. & Ev. cf. "p.139" of Additions.
- 165 Sclerotinia cinerea on Prunus nigra Ait. should be S.
americana (Worm.) Nort. & Ezekiel cf. p. 63.
Phyllosticta pirina on Pyrus baccata L. equals Coniothyrium
pirinum (Sacc.) Sheld cf. p. 136.
- 167 Uromyces flectens on Trifolium pratense L. should be on
T. repens L.
- 168 Cladochytrium Alismatis on Alisma subcordatum Raf. equals
C. maculare (Wallr.) Graff. cf. p. 55.
- 172 Septoria Heraclaei on Heracleum lanatum Michx. equals
Cylindrosporium Heraclaei E. & E. cf. p. 133.
- 173 Septoria ivaecola on Iva xanthifolia Nutt. Omit.
- 175 Cronartium Quercuum on Pinus spp. cf. C. Quercus (Brondeau)
 Schroet, "p.82" of Additions.