

CHECK LIST OF FLESHY FUNGI COLLECTED IN WEST-CENTRAL ILLINOIS

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This paper is an outgrowth of a study made of the fungi in the vicinity of Western Illinois State College during the summer of 1951 from July 14 to August 17. The problem was suggested by Roy M. Sallee and Maurice Myers. As a result of the unusually heavy rainfall during the spring and early summer there was luxuriant fungus growth in the Argyle conservation area where the botany students were studying vegetation.

As far as the writer has been able to learn, no study has been made of the fungus plants of west-central Illinois. In 1917, McDougall (3) published a paper on the mushrooms in the eastern part of the state. Moffatt (4, 5) worked on the fungi of the Chicago area. A study of the fungi of the Great Lakes region was made by Graham (1) in 1944.

Of the seventy fungi identified by the writer in west-central Illinois, thirteen were reported by McDougall (3) in Champaign, Jackson, Union, and Wabash counties. They are: *Amanita verna* Fr., *Amanitopsis vaginata* Fr., *Cantharellus aurantiacus* Fr., *Cantharellus cibarius* Fr., *Clavaria cristata* Fr., *Collybia dryophila* Fr., *Collybia radicata* Fr., *Lactarius piperatus* Fr., *Lactarius volemus* Fr., *Mycena galericulata* Fr., *Peziza repanda* Wald., *Russula foetentula* Peck., and *Russula virescens* Fr.

All the fungi identified by the writer were reported by Graham (1)

as occurring in the Great Lakes region with one exception, *Lycoperdon rimulatum* Pk. The present writer (2) however, reported this species in Ohio in an earlier paper. Of the remaining sixty-nine species of fungi, Graham lists five as "rare" and ten as "not common." The "rare" ones are: *Hydnum spongiosipes* Peck., *Lactarius affinis* Peck., *Marasmius Olneyi* Berk. and Curt., *Pluteolus reticulatus* Fr., and *Russula albidula* Peck., and the species listed as "not common" are: *Boletus auriporus* Peck., *Boletus indecisis* Peck., *Calvatia rubro-flava* (Cragin) Morg., *Clavaria aurantio-cinnabarina* Schw., *Craterellus pistillaris* Fr., *Hydnum repanda* L., *Irpex ambiguus* Peck., *Lactarius hygrophoroides* Burt. and Curt., *Russula pulverulenta* Peck., and *Russula tenuiceps* Kauffm.

The specimens collected in this study have been preserved and are in the herbarium at Western Illinois State College.

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ASCOMYCETES

- Leotia lubrica* (Scop.) Pers.
On ground in woods, Argyle area,
McDonough Co.
- Paxina subclavipes* (Phill. & Ell.) Seav.
On ground in woods, Argyle area,
McDonough Co.
- Peziza repanda* Wald.
On decayed wood, Argyle area, Mc-
Donough Co.
- Sarcoscypha floccosa* Schw.
On buried sticks, Argyle area, Mc-
Donough Co.
- Xylaria digitata* Grev.
On decayed log, Argyle area, Mc-
Donough Co.
- Clavaria aurantio-cinnabarina* Schw.
On ground in woods, Argyle area,
McDonough Co. Reported by Gra-
ham (1) as not common.
- Clavaria cristata* Fr.
On ground in woods, Argyle area,
McDonough Co.
- Clavaria vermicularis* Fr.
On ground in woods, Argyle area,
McDonough Co.
- Collybia dryophila* Fr.
In woods, Argyle area, McDonough
Co.
- Collybia radicata* Fr.
On ground in lawn, Macomb.
- Collybia stipitaria* Fr.
Growing among decayed leaves in
woods, Argyle area, McDonough
Co.
- Cortinarius cinnamomeus* Fr.
In woods, Spring Lake, McDonough
Co.
- Craterellus cornucopiodes* (Pers.) L.
In woods growing on ground,
Argyle area, McDonough Co. Re-
ported by Graham (1) as rare.
- Craterellus pistillaris* Fr.
On ground in woods, Argyle area,
McDonough Co. Graham (1) re-
ports this species as not common.
- Hydnum nyssae* Berk. & Curt.
On dead branch, Argyle area, Mc-
Donough Co.
- Hydnum repandum* L.
On ground in woods, Argyle area,
McDonough Co. Reported by Gra-
ham (1) as not common.
- Hydnum spongiosipes* Peck.
On ground in woods, Argyle area,
McDonough Co. Graham (1) re-
ports this species as rare.
- Irpea ambiguus* Peck.
On dead wild black cherry, Argyle
area, McDonough Co. Reported by
Graham (1) as not common.
- Laccaria amethystina* (Bolt.) Pk.
On ground in woods, Argyle area,
McDonough Co.
- Lactarius affinis* Peck.
On ground in woods, Argyle area,
McDonough Co. Reported by Gra-
ham (1) as rare.
- Lactarius camphoratus* Fr.
In damp woods, Argyle area, Mc-
Donough Co.
- Lactarius corrugis* Peck.
In woods, Argyle area, McDonough
Co.
- BASIDIOMYCETES**
- Amanita muscaria* Fr.
In woods, Argyle area, McDonough
Co.
- Amanita rubescens* Fr.
In woods, Argyle area, McDonough
Co.
- Amanita verna* Fr.
In woods, Spring Lake, McDonough
Co.
- Amanitopsis vaginata* Fr.
In woods, Spring Lake, McDonough
Co.
- Boletus auriporus* Peck.
In woods, Argyle area, McDonough
Co.
- Boletus castaneus* Bull.
On ground in woods, Argyle area,
McDonough Co.
- Boletus cyanescens* Bull.
In woods, Spring Lake, McDonough
Co.
- Boletus felleus* Bull.
In woods, Argyle area, McDonough
Co. Fruiting bodies very large,
many as much as twelve inches in
diameter.
- Boletus indecisis* Peck.
In woods, Argyle area, McDonough
Co. Reported by Graham (1) as
not common.
- Boletus Russelli* Frost
In woods, Argyle area, McDonough
Co.
- Calvatia rubro-flava* (Cragin) Morg.
Growing on lawn, Havana. Reported
by Graham (1) as not common.
- Cantharellus aurantiacus* Fr.
In woods, Argyle area, McDonough
Co.
- Cantharellus cibarius* Fr.
In woods, Argyle area, McDonough
Co.

- Lactarius hygrophoroides* Burt. and Curt.
On ground in woods, Argyle area, McDonough Co. Reported by Graham (1) as not common.
- Lactarius piperatus* Fr.
On ground in woods, Argyle area, McDonough Co.
- Lactarius volemus* Fr.
On ground in woods, Argyle area, McDonough Co.
- Lycoperdon curtisii* Berk.
On ground in open woods, Argyle area, McDonough Co.
- Lycoperdon rimulatum* Pk.
On ground among moss, Argyle area, McDonough Co.
- Marasmius delectans* Morg.
Growing on dead leaves and sticks, Argyle area, McDonough Co.
- Marasmius epiphyllus* Fr.
Growing on mid-vein of decaying leaves, Argyle area, McDonough Co.
- Marasmius Olneyi* Berk. and Curt.
Growing on decaying leaves, Argyle area, McDonough Co. Graham (1) reports this species as rare.
- Marasmius rotula* Fr.
On decaying leaves and sticks, Argyle area, McDonough Co.
- Marasmius siccus* (Schw.) Fr.
On decaying leaves, Argyle area, McDonough Co.
- Marasmius semihirtipes* Peck.
In woods on decaying leaves and sticks, Argyle area, McDonough Co.
- Mutinus elegans* (Mont.) Ed. Fischer
In woods, Argyle area, McDonough Co.
- Mycena galericulata* Fr.
On decayed wood, Argyle area, McDonough Co.
- Panus rudis* Fr.
Growing on wood, Argyle area, McDonough Co.
- Pluteolus reticulatus* Fr.
In woods, Spring Lake, McDonough Co.
- Polyporus Berkeleyi* (Fr.) Berk.
On buried wood, Argyle area, McDonough Co.
- Polyporus chioneus* Fr.
On decayed log, Argyle area, McDonough Co.
- Polyporus cinnabarinus* (Jarq.) Fr.
On dead wood, Argyle area, McDonough Co.
- Polyporus conchifer* Schw.
On dead elm branches, Argyle area, McDonough Co.
- Polyporus gilvus* (Fr.) Schw.
On trunk of dead oak, Argyle area, McDonough Co.
- Polyporus tulipiferous* (Overh.) Schw.
On dead branches of wild cherry, Argyle area, McDonough Co.
- Polyporus versicolor* (L.) Fr.
On dead branches, Argyle area, McDonough Co.
- Poria xantha* Lind.
On log, Argyle area, McDonough Co.
- Russula albibula* Peck.
On ground in woods, Argyle area, McDonough Co. Reported by Graham (1) as rare.
- Russula cyanoxantha* Fr.
On ground in woods, Argyle area, McDonough Co.
- Russula foetentula* Peck.
On ground in woods, Argyle area, McDonough Co.
- Russula nigricans* Fr.
On ground in woods, Argyle area, McDonough Co. Entire fruiting body becomes black when bruised.
- Russula pulverulenta* Peck.
In open woods, Argyle area, McDonough Co. Reported by Graham (1) as not common.
- Russula tenuiceps* Kauffm.
On ground in woods, Argyle area, McDonough Co. Graham (1) reports this species as not common.
- Russula virescens* Fr.
On ground in woods, Argyle area, McDonough Co.
- Schizophyllum commune* Fr.
On dead branches, Argyle area, McDonough Co.
- Stereum fasciatum* Schw.
On logs in woods, Argyle area, McDonough Co.
- Stereum rameale* Schw.
On dead twigs, Argyle area, McDonough Co.
- Strobilomyces strobilaceus* Berk.
On ground in open woods, Argyle area, McDonough Co.
- Thelephora fimbriata* Schw.
Incrusting small plants in damp places, Argyle area, McDonough Co.

SUMMARY

This is an initial report of the fleshy fungi of west-central Illinois. Owing to the unusually heavy rainfall during the spring and summer of 1951, the fungus growth in this area was very luxuriant. The work of collecting, identifying, and pre-

servicing the specimens of fungi was carried on during the period of July 14 to August 17, 1951, at Western Illinois State College. Most of the collections were made in the wooded area of the Argyle conservation park.

In this study seventy species of fungi were identified, five of which were Ascomycetes and sixty-five were Basidiomycetes. The former group includes one species each of the genera *Leotia*, *Paxina*, *Peziza*,

Sarcoscypha, and *Xylaria*. The distribution of the species of the Basidiomycetes by genera is as follows: *Amanita* 3; *Amanitopsis* 1; *Boletus* 6; *Calvatia* 1; *Cantharellus* 2; *Clavaria* 3; *Collybia* 3; *Cortinarius* 1; *Craterellus* 2; *Hydnum* 3; *Irpex* 1; *Laccaria* 1; *Lactarius* 6; *Lycoperdon* 2; *Marasmius* 6; *Mutinus* 1; *Mycena* 1; *Panus* 1; *Pluteolus* 1; *Polyporus* 7; *Poria* 1; *Russula* 7; *Schizophyllum* 1; *Stereum* 2; *Strobilomyces* 1; and *Thelephora* 1.

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