

Higher Fungi of Marion County, Indiana

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In submitting this list of the fleshy, leathery and woody fungi of Marion County, Indiana, I realize that mycologists will note many species missing which are probably indigenous to this vicinity. No doubt many species will be added to my list in the future. It will be noted that the entire genus *Lactarius* and others are missing.

For the past two years many members of the Nature Study Club of Indiana have been assisting me in finding and identifying mushrooms. Especially would I mention Mr. William A. Myers of Indianapolis. I thank Dean Ray C. Friesner of Butler University for his assistance and Dr. Clyde M. Christensen of the University of Minnesota who personally identified twenty specimens that I sent to him. They all have my appreciation and gratitude.

In making identifications I used the works of Graham, McIlvain, Christensen, Atkinson, Gussow and Odell, Marshall, Gibson, Hard and Kreiger.

AGARICACEAE

WHITE SPORED FORMS: *Amanita muscaria* Fr. *A. phalloides* Fr. *A. sprete* Pk. *Amanitopsis adnata* Smith *A. vaginata* Fr. *Armillaria mellea* Fr. *Catharellus aurantiacus* Fr. *C. cibarius* Fr. *Clitocybe adirondackensis* Pk. *C. gigantea* Fr. *C. illudens* Schw. *C. infundibuliformis* Fr. *C. monadelphina* Morgan *C. multiceps* Pk. *C. nebularis* Fr. *C. ochropurpurea* Berk. *Collybia acervata* Fr. *C. confluens* Fr. *C. dryophila* Fr. *C. longipes* Fr. *C. platyphylla* Fr. *C. radicata* Fr. *C. velutipes* Fr.

Hygrophorus borealis Pk. *H. ceraceus* Fr. *H. eburneus* Fr. *Lenzites betulina* Fr. *L. sepiaria* Fr. *Lepiota acutaesquamosa* Fr. *L. americana* Pk. *L. caerulescens* Pk. *L. cristata* Fr. *L. Morgani* Pk. *L. naucina* Fr. *L. procera* Fr. *Marasmius oreades* Fr. *M. peronatus* Fr. *M. rotula* Fr. *M. urens* Fr. *Mycena galericulata* Fr. *M. haematopa* Fr. *M. leajana* Berk.

Panus rudis Fr. *P. tortulosus* Fr. *Pleurotus applicatus* Fr. *P. ostreatus* Fr. *P. petaloides* Fr. *P. pubescens* Pk. *P. sapidus* Kalchb. *P. ulmarius* Fr. *Russula atropurpurea* Maire *R. delica* Fr. *R. emetica* Fr. *R. foetens* Fr. *R. Mariae* Pk. *R. ochrophylla* Pk. *R. purpurina* Q. & S. *R. rosipes* Bres. *R. virescens* Fr. *Schizophyllum commune* Fr. *Tricholoma personatum* Fr. *T. transmutans* Ph.

PINK SPORED FORMS: *Claudopus nidulans* Fr. *Clitopilus noveboracensis* Ph. *prunulus* Fr. *Entoloma grande* Pk. *E. lividum* Fr. *E. rhodopolium* Fr. **Leptonia* sp. nov. *Pluteus cervinus* Schaeff. *P. cervinus*, var. *alba*. *P. longistriatus* Pk. *Volvaria bombycina* Fr.

BROWN SPORED FORMS: *Bolbitius tener* Fr. *Cortinarius cinnabarinus* Fr. *C. cinnamomeus* Fr. *C. distans* Pk. *C. ochraceus* Pk. *Crepidotus fulvo-*

tomentosus Pk. *C. versutus* Pk. *Galera crispa* Longyear *Hebeloma album* Pk. *Naucoria semiorbicularis* Fr. *Pholiota adiposa* Fr. *P. aggericola* Pk. *P. destruens* Fr. *P. dura* Bolt *P. praecox* Fr. *P. squarrosoides* Pk.

PURPLE-BROWN SPORED FORMS: *Agaricus campestris* Fr. *A. magnificus* Pk. *A. placomyces* Pk. *A. Rodmanii* Pk. *A. silvicola* Vitt. *Hypholoma appendiculatum* Fr. *H. incertum* Pk. *H. perplexum* Pk. *H. sublateralitium* Fr. *Stropharia semiglobata* Fr.

BLACK SPORED FORMS: *Anellaria separata* Karst. *Coprinus atramentarius* Fr. *C. comatus* Fr. *C. deliquescens* Fr. *C. domesticus* Fr. *C. ephemerus* Fr. *C. fimentarius* Fr. *C. micaceus* Fr. *Panaeolus solidipes* Pk. *Psathyrella disseminata* Fr.

Clavariaceae: *Clavaria aurea* Fr. *C. cinerea* Bull. *C. circinans* Pk. *C. cristata* Fr. *C. pyxidata* Pers. *C. tetragona* Schw.

Hydnaceae: *Hydnum caput-Medusae* Bull. *H. caput-ursi* Fr. *H. coralloides* Scop. *H. septentrionale* Fr. *Odontia ferruginea* Pers., or *Hydnum crinale* Fr.

Tremellaceae: *Hirneola auricula-Judae* Berk. *Tremella lutescens* Pers. *T. mycetophila* Pk.

Telephoraceae: *Craterellus cantharellus* Schw. *Stereum fasciatum* Schw. *S. pergamenum* Berk. & Curt. *Thelephora Schweinitzii*.

Polyporaceae: *Boletinus pictus* Pk. *B. porosus* Pk. *Boletus auriporus* Pk. *B. edulis* Bull. *B. felleus* Bull. *B. separans* Pk. *Daedalea ambigua* Berk. *D. confragosa* Fr. *D. unicolor* Fr. *Favolus canadensis* Klotzsch *Fomes applanatus* Pers. *F. fomentarius* Gill. *F. lobatus* Schw. *Merulius rubellus* Pk. *Polyporus aboluteus* Pk. *P. arcularius* Fr. *P. biennis* Christensen *P. biformis* Klotzsch *P. brumalis* Fr. *P. cinnabarinus* Fr. *P. circinatus* B. & C. *P. conchifer* Schw. *P. cristatus* Fr. *P. floriformis* Quel. *P. giganteus* Fr. *P. gilvus* Schw. *P. hirsutis* Fr. *P. hispidus* Bull. *P. lucidus* Fr. *P. osseus* Kalchb. *P. perennis* Fr. *P. picipes* Fr. *P. planellus* Murr. *P. pubescens* Fr. *P. radicans* Schw. *P. resinosus* Fr. *P. Rheades* Fr. *P. Spraguei* B. & C. *P. sulphureus* Fr. *P. tulipiferus* Schw. *P. versicolor* Fr. *Poria ambigua* Bres. *P. nigra* Berk.

Phallaceae: *Phallus impudicus* Fr.

Nidulariaceae: *Cyathus vernicosus* Bull.

Lycoperdaceae: *Calvatia caelata* Bull. *C. craniiformis* Schw. *C. cyathiformis* Bosc. *Lycoperdon gemmatum* Batsch *L. pyriforme* Schaeff. *L. Wrightii* B. & C. *Geaster triplex* Jungh.

Helvallaceae: *Gyromitra brunnea* Under. *Morchella bispora* Sorok. *M. conica* Pers. *M. crassipes* Vent. *M. deliciosa* Fr. *M. esculenta* Pers. *M. semilibera* D. C.

Pezizaceae: *Bulgaria rufa* Schw. *Patella scutellata* Morg. *Peziza badia* Pers. *P. coccinea* Jacq. *Urnula craterium* Fr.

Xylariaceae: *Daldinia concentrica* Nolt *Xylaria polymorpha* Pers.

* The *Leptonia* listed was found more than two years ago and specimen was sent to Dr. Christensen for identification. He stated that it was a *Leptonia* but did not know the species. Following is a description: Pileus reddish brown, 37 mm, glabrous, eccentric. Lamellae brown, adnate or adnexed. Stipe brown, 50 mm. long. Spores reddish brown, angular. No annulus. No volva. They grew at base of stump, caespitose, about twenty in a cluster, and every pileus was very eccentric to the stipe. Can find no reddish brown spored species of that description. In view of this fact, I believe it should be classified as a new species.