THE PILEATE PORE FUNGI OF ILLINOIS

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ABSTRACT.—A survey was made to determine the species of pileate pore fungi which occur in Illinois. Studies of literature and herbarium specimens show that at least 92 species can be found in the state. Of these, 22 species have not previously been listed for Illinois.

The Polyporaceae, or pore fungi, are those Basidiomycetes with a hymenium composed of pores within which basidia are borne. The Boletes, which are typically fleshy, are excluded from this family. This study was undertaken to determine the species of pileate polypores that are native to the state of Illinois. Specimens were examined from several herbaria in the state, including those of Eastern Illinois University, Illinois State University, the University of Illinois, and the Field Museum of Natural History. A few specimens from Southern Illinois University were also studied.

In addition to actual identification of specimens, a survey of previous literature concerning Illinois polypores was made. Two important works which list Illinois polypores are Moffatt (1909) and Overholts (1953). Other listings are given in McDougall (1917 and 1919), and Graham (1944).

In the following list, those species previously cited for the state will be followed by the name of the author who first reported them. Those species of which specimens have not been examined will be followed by "sec." (secundum) and the earliest author. If a species has not previously been reported from the state, it will be preceded by an asterisk and a reference for the collection from which specimens were examined will be given.

Daedalea aesculi (Schw. ex Fr.) Murr.
Overholts (as *Daedalea ambigua*)
Daedalea confragosa Bolt. ex Fries
Moffatt
Daedalea farinacea (Fries) Overh.
Sec. Overholts
**Daedalea quercina* L. ex Fries
University of Illinois collection
Daedalea unicolor Bull. ex Fries
Moffatt
Favolus alveolaris (D.C. ex Fries) Quel.
Moffatt
**Favolus rhipidium* (Berk.) Sacc.
University of Illinois collection
**Fomes annosus* (Fries) Cooke University of Illinois collection
Fomes applanatus (Pers. ex Wallr.) Gill.
Moffatt
Fomes conchatus (Pers. ex Fries) Gill.
Overholts
Fomes everhartii (Ell. & Gall.) Von Schrenk & Spaulding
Moffatt
**Fomes fomentarius* (L. ex Fries) Kickx
Field Museum of Natural History collection
Fomes fraxineus (Bull. ex Fries) Cooke
Sec. Moffatt
Fomes fraxinophilus (Peck.) Sacc.
Moffatt
Fomes fulvus (Scop. ex Fries) Gill.
Moffatt
Fomes igniarius (L. ex Fries) Kickx
Moffatt
**Fomes johnsonianus* (Murr.) Lowe
University of Illinois collection
Fomes lobatus (Schw.) Cooke
Overholts
Fomes ohiensis (Berk.) Murr.
Overholts
Fomes pini (Thore ex Fries) Karst.
Owens
Fomes populinus (Schum. ex Fries) Cooke
Moffatt (as *Fomes connatus*)
Fomes ribis (Schum. ex Fries) Gill.
Moffatt
**Fomes rimosus* (Berk.) Cooke
University of Illinois collection
Fomes scutellatus (Schw.) Cooke
Moffatt
Fomes viticola (Schw.) Lowe
Sec. Overholts (as *Fomes tenuis*)
Lenzites betulina (L. ex Fries) Fries
Overholts
**Lenzites sepiaria* (Wulf. ex Fries) Fries
University of Illinois collection
Lenzites trabea (Pers. ex Fries) Fries
Overholts

**Polyporus abietinus* Dicks. ex Fries
Field Museum of Natural History collection
Polyporus adustus Willd. ex Fries
Moffatt
**Polyporus albellus* Peck
University of Illinois collection
Polyporus arcularius Batsch ex Fries
Moffatt
Polyporus berkeleyi Fries
Moffatt
**Polyporus betulinus* Bull. ex Fries
University of Illinois collection
Polyporus biennis (Bull. ex Fries) Fries
Sec. Overholts
Polyporus biformis Fries
Moffatt (as *Polystictus pergamenus*)
Polyporus brumalis Pers. ex Fries
Moffatt
Polyporus chioneus Fries
Sec. Moffatt
Polyporus cinnabarinus Jacq. ex Fries
Moffatt
Polyporus cinnamomeus Jacq. ex Fries
Moffatt
Polyporus compactus Overh.
Sec. Overholts
Polyporus conchifer (Schw.) Fries
Moffatt
Polyporus cristatus Pers. ex Fries
Moffatt (as *Polyporus poripes*)
Polyporus croceus Pers. ex Fries
Overholts
**Polyporus curtisii* Berk.
University of Illinois collection
Polyporus cuticularis Bull. ex Fries
Sec. Overholts
**Polyporus delectans* Peck
University of Illinois collection
Polyporus dichrous Fries
Moffatt
Polyporus distortus Schw.
Sec. Moffatt
Polyporus dryadeus Pers. ex Fries
McDougall
Polyporus dryophilus Berk.
Sec. Overholts
**Polyporus elegans* Bull. ex Trog
Field Museum of Natural History collection
**Polyporus focicola* Berk. & Curt.
Eastern Illinois University collection
Polyporus frondosus Dicks. ex Fries
Moffatt
Polyporus fumosus Pers. ex Fries
Moffatt
Polyporus galactinus Berk.
Sec. Moffatt
Polyporus giganteus Pers. ex Fries
McDougall
Polyporus gilvus (Schw.) Fries
Moffatt
Polyporus glomeratus Peck
Sec. Overholts
Polyporus graveolens (Schw.) Fries
Sec. Overholts
Polyporus hirsutus Wulf. ex Fries
Moffatt
**Polyporus licnoides* Mont.
Field Museum of Natural History collection
Polyporus lucidus Leys. ex Fries
Moffatt (as *Fomes lucidus*)
Polyporus molliusculus Berk. & Curt.
Moffatt (as *Polystictus biformis*)
Polyporus mutabilis Berk. & Curt.
Sec. Overholts
Polyporus pocula (Schw.) Berk. & Curt
University of Illinois collection
**Polyporus perennis* L. ex Fries
Field Museum of Natural History collection
Polyporus picipes Fries
Moffatt
Polyporus radiatus Sow. ex Fries
Sec. Overholts
Polyporus radicatus Schw.
Moffatt
Polyporus resinosus Schrad. ex Fries
Moffatt
Polyporus robiniophilus (Murr.) Lloyd
Moffatt
Polyporus rutilans (Pers.) Fries
Moffatt
Polyporus sanguineus L. ex Fries
Sec. Overholts
Polyporus schweinitzii Fries
Moffatt
Polyporus semipileatus Peck
Sec. Overholts
Polyporus spraguei Berk. & Curt.
Overholts
Polyporus squamosus Micheli ex Fries
Sec. Overholts
Polyporus sulphureus Bull. ex Fries
Moffatt
**Polyporus tephroleucus* Fries
Field Museum of Natural History collection
Polyporus tulipiferae (Schw.) Overh.
Overholts
**Polyporus umbellatus* Pers. ex Fries
Collection of author (received from K. Andrew West of Southern Illinois University)
**Polyporus unicolor* Fries
University of Illinois collection
Polyporus versicolor L. ex Fries
Moffatt
**Trametes americana* Overh.
Field Museum of Natural History collection (as *Fomes odoratus*)
Trametes hispida Bagl.
Moffatt (as *Trametes peckii*)
Trametes malicola Berk. & Curt.
Sec. Overholts
Trametes mollis (Sommerf.) Fries
Sec. Overholts
Trametes rigida Berk. & Mont.
Moffatt

Trametes sepium Berk.
Overholts
Trametes serialis Fries
Sec. Overholts
**Trametes trogii* Berk.
University of Illinois collection

Acknowledgements

The author wishes to thank Dr. Wesley C. Whiteside for his help and encouragement during the early stages of this study. Special thanks are due Dr. Donald P. Rogers for his guidance during the final stages and his excellent help with taxonomical problems and identifications. Thanks are also due the many people who lent specimens for study, especially Dr. Anthony E. Liberta, Dr. Patricio Ponce de Leon, and Mr. K. Andrew West.

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Manuscript received May 24, 1971.