

# Toadstools and Mushrooms Are Included Among Fungi

To many of us, words are dull symbols to impute the emotions which summer's end brings. But then another season, the lowliest of the year, is just around the corner.

World travelers testify to this, saying that in all the land there is nothing to compare with our Midwestern autumn with its grains, fruits and vegetables piled high; its last and brightest bloom; and its flaming trees decorating wood and hill and roadside.

But today I write of that group of plants which for the most part



Mrs. Prehse

except by the naturalist or the botanist. These are the fungi, an inclusive term which embraces bracket fungi as well as our so-called toadstools and mushrooms.

THE TWO LATTER terms, frequently used to designate poisonous and edible fungi, are often local and not dependable. The largest number of species in this plant group are saprophytes, that is they live on dead plant and animal material chiefly found in the soil.

But they also grow on dead trees, stumps and logs. However, a few species prey on living animals, and many devour living plants. Among these are chestnut blight, white pine rot and Dutch elm disease. Some bracket fungi like the yellow and orange sulfur polypores which grow like a series of overlapping shelves on many varieties of living trees, are destructive.

OTHER SPECIES of mushrooms in the Hydnum and Armillaria families work on both the roots and sapwood of a variety of oak and orchard trees, eventually killing their hosts.

And in insect-borne, the microsome spores of the fungus enter an exposure in the bark where they develop into a network of tubes which comprise the plant. Sometimes these lodge beneath the bark, and sometimes they penetrate the sapwood or cambium layer of the tree. Other species grow between the annual rings, feeding all the while until they reach the heartwood, thus reducing it to a soggy or powdery mass. In time, a part or all of the tree is killed.

FUNGUS MEMBERS of an ancient plant family, reach their climax in numbers of species in mid-October.

Whether they be the parasitic caps of gill fungi, or the familiar puff ball or the bracket variety which you can see on any autumn ramble, all are the fruiting or spore-bearing bodies of some hidden fungus, and all take the place of the flower in more highly developed plants.

WHEN YOU SAY "mushroom" to most people, they think of the edible or poisonous properties of the above saprophyte. The question I am most often asked when a mushroom is encountered in the woods or fields is, "Is it poisonous?"

In a single sentence, "There is no set rule to determine the edibility of the thousands of species abroad." One must learn by patient study and experience in the field, the combination of characteristics which each possesses.

A considered rule is never to eat any species except morels, puff balls (when white inside) and ink caps. These have characteristics which can be safely identified using any reliable mushroom book or on a few trips afield with someone who knows the species from serious study.

## FIRST DAY

Goodbye baby, would you come over here. For one more kiss before you leave dear? Let me touch your cheek where that cut used to be. You've traded your short pants for long ones I see. You needn't stay longer, I know you want to run. So goodbye baby, and hello son!

Marilyn Marie Feiber  
1683 Henrietta  
Birmingham

## Engineering Report Approved by Mackie

State Highway Commissioner John C. Mackie has approved an engineering report for I-275, a 30-mile-long freeway that will extend from I-75 near Monroe north to I-36 northwest of Detroit. Cost of the freeway, which will serve as a West Belt superhighway, is estimated at \$40.2 million. It is scheduled to be built starting early in 1968.

By LYDIA KING PREHSE  
Special Writer

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loose earth frequently along road-sides where we found the above clumps in the sand, near the wheel tracks. Rolled in flour and fried gently in butter or bacon fat, then steamed for a few minutes after a measure of cream is added, the whole served on buttered toast with sliced tomatoes and fresh apple sauce—this is a gourmet dish.

NO AUTUMN passes without some reported deaths due to mushroom poisoning. The most deadly of North American species occur in the Amanita family, present in most areas in our state.

However, one of the edible members of this genus was relished by the great Caesar and was named for him (Amanita Caesarina). It is written that a slave was always kept in readiness to prove the safety of any mushroom considered as food. If he died, it was not proffered to the emperor.



## Calendar of Cultural Events

- Thurs., Sept. 17  
BRIDGE — Birmingham Duplicate Bridge Club at 7:45 p.m. at Birmingham YMCA.
- ANTIQUITY SHOW AND SALE—Sponsored by Pety Hill Chapter, DAR, from 1:10 p.m. at The Community House, Birmingham. Admission charge.
- ARTMOBILE—Sponsored by Detroit Institute of Arts, from 10 a.m.-6 p.m. behind Kresge's in Birmingham.
- CRANBROOK ACADEMY OF ART — "Moods of Light" exhibition of contemporary painting circulated by American Federation of Art, through Sept. 27. Open Tues.-Fri. 2-5 p.m. and Sat.-Sun. 1-5 p.m. in Bloomfield Hills. Admission charge.
- CRANBROOK INSTITUTE OF SCIENCE — Exhibit "The Southwest," featuring American Indian materials, through Oct. 10 a.m. to 5 p.m. weekdays event major holidays; 1 to 5 p.m. Sat.-Sun. Admission charge.
- Fri., Sept. 18  
ANTIQUITY SHOW AND SALE—Sponsored by Pety Hill Chapter, DAR, from 1:10 p.m. at The Community House, Birmingham. Admission charge.
- Sat., Sept. 19  
CRANBROOK INSTITUTE OF SCIENCE — Skillman Wing for the Physical Sciences opens at 1 p.m. today with exhibit "Experiments in Physics." Hours 2-5 p.m. Mon.-Fri. and 1-5 p.m. Sat.-Sun. Admission charge.
- ANTIQUITY SHOW AND SALE—Sponsored by Pety Hill Chapter, DAR, from 1:10 p.m. at The Community House, Birmingham. Admission charge.
- Sun., Sept. 20  
RENAISSANCE FILM FESTIVAL: First program of four films by artist Clifford West for Kingswood Cranbrook scholarship benefit at 8 p.m. at outdoor Greek Theatre at Cranbrook, Bloomfield Hills. Admission charge.
- BLOOMFIELD ART ASSOCIATION — Birmingham Muscade Orchestra, Arthur Stephan conducting program of chamber music, at 8:30 p.m. at Birmingham Art Center. Admission charge to non-members.
- Mon., Sept. 21  
BRIDGE — Community House Duplicate Bridge Club at 7:45 p.m. at 580 S. Bates, Birmingham. Master point night.
- Tues., Sept. 22  
BRIDGE — Birmingham Duplicate Bridge Club at 12:30 p.m. at home of Mrs. Stuart Murphy, 2121 Manchester, Birmingham.
- FLOWER SHOW — Sponsored by the Beverly Hills WNGA branch from 1:30 to 8 p.m. at the Metropolitan Federal Savings & Loan Associates Bldg., 14 Mile Road and Southfield, in the Community Room. No admission.
- Wed., Sept. 23  
BRIDGE — Birmingham - Bloomfield Area Bridge Club at 7:45 p.m. at Birmingham YMCA.
- Thurs., Sept. 24  
BRIDGE — Birmingham Duplicate Bridge Club at 7:45 p.m. at Birmingham YMCA.
- Fri., Sept. 25  
RENAISSANCE FILM FESTIVAL: First program of four films by artist Clifford West for Kingswood Cranbrook scholarship benefit at 8 p.m. at outdoor Greek Theatre at Cranbrook, Bloomfield Hills. Admission charge.
- BLOOMFIELD ART ASSOCIATION — Birmingham Muscade Orchestra, Arthur Stephan conducting program of chamber music, at 8:30 p.m. at Birmingham Art Center. Admission charge to non-members.



Tender-loving-care is evident everywhere, from the "groomed" yard to functional perfection. New carpeting and drapery offers reduced "move-in" expense. Three twin-size bedrooms, hall bath and lav. off master bedroom; large (21x12.6) living room with dining L; excellent kitchen with pantry; large porch; full basement; 2 car garage with openers. \$28,500.



A location that will eliminate Mom's chattering duties — walk to Grade and Junior High schools (shops aren't too far away either). The house is meticulous inside and out and the rooms unusually generous for a small house. Three bedrooms, 1 1/2 baths, eating space in kitchen (stove & refrigerator included), glossed and screened porch, deep lot with plenty of play room, full basement, oversize 2 car garage. \$21,900.



What one would call a well-organized house—a place for everything and everything in its place. Convenient too—walk to Adams school, walk to E. Maple shopping area. Three bedrooms, 1 1/2 baths, good eating space in kitchen, sunny living room and dining "L", superbly finished basement with play room and den with bookshelves, 2 1/2 car garage. \$23,500.



Intriguing? — You should see the house inside! It's luxurious, dramatic, superbly built and beautifully decorated. Contemporary in styling with openness and spaciousness emphasized by wide, deep windows (thermo-pane). Parquet floors in living room and family room; two fireplaces; jalousied, pine paneled porch, outstanding kitchen, completely equipped. 3 very large bedrooms, 2 1/2 baths, oversize 2 car garage with door openers. It's a very special house!



Young, vivacious, sparkling and just as pretty as the picture! Old enough for established lawn and shrubs outside—and new enough for fresh and attractive decor inside. Unusually pleasing family room with warm paneling and brick fireplace wall. Four sizeable bedrooms, 2 baths, powder room, deep windowed living room and dining room, work-easy kitchen with builtins. Near Bloomfield Hills elementary and Junior high schools. \$42,500.

## Movie Guide

Parenteen Committee

Birmingham P.T.A. Council

MOVIE	Green Sheet National Legion of Decency
The Lively Set	A-1
Ensign Palver	A-M-Y
McHale's Navy	A-1
Island of the Blue Dolphins	A-1

\* recommended as superior entertainment especially for children

## CODE GREEN SHEET

These audience symbols are intended as broad guides to selection, and do not indicate either recommendation or non-recommendation of the films to which they are applied.

- A Adults
- MY Mature Young People
- Y Young People (12 years to 16 years)
- C Children (unaccompanied by adults)
- GA General Audience

## NATIONAL LEGION OF DECENCY

- A-1 Morally Unobjectionable for General Patronage
- A-2 Morally Unobjectionable for Adults and Adolescents
- A-3 Morally Unobjectionable for Adults
- B Morally Objectionable in Part for All
- C Condemned

SC A separate classification is given to certain films which, while not morally offensive in themselves, require some analysis and explanation as a protection to the uninformed against wrong interpretations and false conclusions.

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