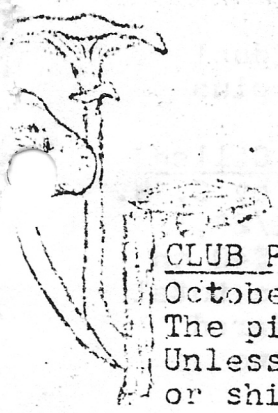


NEWSLETTER

LAKELAND MYCOLOGY CLUB

VOLUME II

Editor: ed bosman



CLUB PICNIC - OCTOBER 1st : The Club picnic will be held on Sunday October 1st, starting at 10:00 in the morning and lasting all day. The picnic will be at Stokes State Forest at the Stony Lake area. Unless there is a torrential downpour, the picnic will be held rain or shine. In case of rain we can use any one of the many shelters in the area. All members are invited, Active, Associate, and Affiliate... ..you can bring along your friends as guests too. There will however be a minimal charge for guests to partially defray costs; \$1.50 per adult, and \$1.00 per child (under 12 years of age). It is important that we know how many are planning to attend; so if you are planning to attend or bring friends, please call either Greta Turchick, the picnic chairwoman, at 827-7926 or Irene Tyler at 729-7055.

There will be an open buffet, barbecued steaks, hotdogs, and hamburgers. There will be iced tea, lemonade, and coffee. If you want to help with the buffet and have not already volunteered, give Irene Tyler a call. Irene can tell you what still is needed.

Anyone who prefers food or drinks other than mentioned, may of course bring them along.

There will be a field trip and some small contests. It's shaping up into an event which promises to be fun for all. So let's all join in making this event a real success. If transportation is a problem, we will try to make some arrangements to help you.

The directions to Stony Lake; quite simple. Just take Route 206 North past Culvers Lake on the right and past Kittatiny Lake on the left. Keep your eyes opened now for a sign "Stony Lake". This will put you on Coursen Road....drive 2 more miles and you're there.

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UNDERSTANDING THE MUSHROOM AND ITS SUDDEN APPEARANCE: Fungi differ from true plants in several ways. They do not have chlorophyll and therefore cannot use the sun's energy to make their own food. Their main structure consists of minute filaments or hyphae of cobweb-like appearance. In most cases the mycelium goes undetected since it spreads in the soil or within the host organism. From the mycelium arises the fruit-bodies or mushrooms of which we are familiar. In these, the hyphae are closely packed and often contain a number of bright pigments. Their cell walls contain chitin, a chemical found in animals and cellulose; a normal substance of true plant cell walls. It is this difference from animals and true plants that has resulted in fungi being referred to as the "Third Kingdom".

Each cell of the fungus is contained within a wall consisting of numerous fibers of chitin and the individual cells are glued together with pectin. This structure can be visualized as an inner tube (the cells) within a tire (the flexible chitin fibers cemented together with pectin). The rapid growth (sometimes within hours or less) of the mushroom results from turgor pressure, i.e. the cells take on water by the process of osmosis.....thus expanding the "tire".....until the mushroom forms and expands into the many shapes so familiar to us all. During this "growing" process, the mushroom can push its way up through concrete or asphalt with no strength other than turgor which can be applied as hydraulic pressure

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BOOKS TO ADD TO YOUR LIBRARY: Dover Publications is offering some paperbound books which look very interesting. Mushrooms of The Great Lakes Region (By Verne Ovid Graham) is unabridged, a reprint of the 1944 edition.

SEPTEMBER FIELD TRIPS: Starting September 10th, there will be a field trip every week, since we are entering the height of the mushroom season. Each field trip will have a leader who will take attendance and lead the hike. Mark your calendars for the following dates:

Sept. 10, Sunday 1:30---Hacklebarney State Park. (Leader:Ed Bosman)

Directions: 2 miles West of Chester on Rt. 24. Turn right (after crossing small bridge) onto Hacklebarney road(see Hac.State Park sign) and continue another 2 1/2 miles to park. We meet at Park Office. (parking lot).

Sept. 17, Sunday 2:00---High Point State Park.(Leader: Greta Turchick)

Directions: 9 miles North of Sussex on Rt. 23. Meet at Park Office on the left on Rt. 23.

Sept. 23, Saturday 1:30---Sparta Glen Park. (Leader: Irene Tyler).

Directions: Take Rt. 517 North out of Sparta. Travel a short distance, and take a right(at Gulf Station) onto Glen Road. Continue another 1/4 mile to park. Meet at first Shelter.

Depending on the turn out for the September field trips, there will be also weekly meetings in October. Mark your calendars for the 7th, 15th, 21st, and the 29th. The time and location will be announced later.

For general directions, an ESSO Road Map makes an excellent reference.