

FLESHY FUNGI OF THE HIGHLANDS PLATEAU

LOCATION: The Highlands Biological Station, Highlands, North Carolina

INSTRUCTOR: Dr. Andrew S. Methven, Chair
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DATES OF CLASS: July 9-21, 2018

GENERAL DESCRIPTION:

Students will be introduced to the fleshy ascomycetes and basidiomycetes that occur on the Highlands Plateau during peak mushroom season. Emphasis will be placed on the analysis of macro- and micro-morphological features in the identification of taxa. The daily routine will consist of a morning lecture followed by a field trip until early or mid-afternoon. Transportation on field trips will be in a station van. Collections will be examined and identified after returning from the field and an opportunity provided to assemble a collection of dried fleshy fungi. Microscopes and chemical reagents necessary for accurate species determinations will be available for use. In the evenings, the laboratory will be open for additional work on collections.

TEXTBOOKS:

Mushrooms Demystified. David Aurora. 1986. Ten Speed Press. (@ \$30.00 through Amazon)

Fleshy Fungi of the Highlands Plateau. 10th ed. Andrew Methven. 2018. Laboratory manual prepared by the instructor for students at no cost.

KEYS: Keys to families and genera of fungi will be available in the laboratory along with monographic treatments of selected genera, common field guides, picture books, etc.

REQUIRED EQUIPMENT:

Collecting basket or sturdy back pack; wax paper (rolls or bags) and/or plastic tackle box (for smaller specimens); a sturdy knife; a 10X hand lens; camera (optional).

CREDIT:

Four semester hours of credit is available from universities and colleges that are members of the Highlands Biological Foundation

REGISTRATION:

All registration should be completed before April 15, 2018. **Courses fill up fast so register early.** Be sure to consult the Highlands Biological Station website (highlands.biological.org) for additional information and application forms.

SCHOLARSHIPS:

Scholarships are available to qualified students. Be sure to consult the Highlands Biological Station website (highlands.biological.org) for additional information and application forms.

For further information on course content contact Dr. Andrew Methven

For further information on registration procedures, housing, fees, and course credit be sure to consult the

Highlands Biological Station website (highlands.biological.org).