

MYCOLOGICAL RESEARCH IN THE
BIG THICKET NATIONAL PRESERVE FOR 2011

Mycological research for the year 2011 was conducted within the Lance Rosier Unit, Turkey Creek Unit, and Jack Gore Unit of the Big Thicket National Preserve.

In total 66 collections and observations were made in 2011 and include 45 different taxa determined to species and 12 collections that need further taxonomic work. At least 6 species were new records for the Big Thicket National Preserve and about 5 species were state records. New state records include *Gymnopus spongiosus*, *Lactarius quietus*, *Lycoperdon molle*, *Pluteus petasatus* and *Trametopsis cervina*.

Because of the extreme drought conditions in Texas, few mycorrhizal fungi were observed and species inhabiting wood predominated. In comparison to the past 36 years of collecting, 2011 was one of the worst years for fleshy fungi. Collections are/will be deposited at the Field Museum, Chicago, Ill, The Tracey Herbarium, College Station, Texas, and the Field Research Station, Saratoga, Texas.

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