

대둔산 도립공원의 균류다양성과 균류자원

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Biodiversities and Fungal Resources of Mt.Daedun Provincial Park

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Abstract

Many fungi were collected at Mt. Daedun Provincial Park between the periods from March 2001 to October 2002 and they were identified.

According to the results, the fungi diversity included 2 division, 3 subdivisions, 5 classes, 4 subclasses, 12 orders, 35 families, 75 genera and 153 species. Among them *Ileodictyon* is unrecorded genus and *Ileodictyon gracile*, *Mycena flosum-nivium* and *Tricholoma lascivum* are newly to Korea.

Dominant family are Tricholomataceae, Russulaceae and Polyporaceae; genus *Amanita* and species *Collybia confluens* and *Russula emetica*.

In useful fungi and ecological resources, edible fungi included 51 species; culture fungi 10; poisonous fungi 18; medicinal fungi 17; anticancer fungi 22; ectomycorrhizal fungi 26 and wood rotting fungi 51.

In geographical distributions of Chonbuk areas, same species are 50 species of Jeongup

; 56 of Mt.Manduck ; 84 of Mt.Jiri ; 28 of Pyonsan national park ; 59 of Cheonju arboretum and 51 of Mt.Sunun.

key word : diversity, dominant family, genus, species, useful fungi, ecological resources, geographical distribution.