

POISONOUS MUSHROOMS OF VIETNAM *

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I. INTRODUCTION

Vietnam is considered as one of countries in the world with the greatest biodiversity. Until 2007, about 2300 fungal species were reported from Vietnam including 1300 species of macro fungi (Kiet, 2001, 2007). They have long been valued as tasty food and high effective pharmaceutical material. Many others also are determined as very dangerous poisonous mushroom. In this paper we would like to give the list of the poisonous mushrooms in Vietnam.

II. MATERIAL AND METHODS

The samples are collected in many typically ecological areas of Vietnam and are being stored at Insitut of Microbiology and Biotechnology Vietnam National University, Hanoi.

Methods of mushroom collection, treatment and analysis arccoding Trinh Tam Kiet (1981), Rolf Singer (1986).

III. RESULTS AND DICUSSION

Agaricus placomyces Peck., *Agaricus xanthodermus* Genev., *Amanita citrina* (Schaeff.)Pers., *A. muscaria* (L.:Fr.)Pers., *A. pantherina* (DC.:Fr.)Krombh., *A. phalloides* (Fr.)Link., *A. verna* (Bull.:Fr.)Roques., *Amanita virosa* Secr., *Boletus calopus* Fr., *B. satanas* Lenz., *Chlorophyllum molybdites* (Meyer)Pat., *Clitocybe* aff. *rivulosa* (Pers.:Fr.)P.Kumm. (*C.dealbata*), *Galerina fracticeps* Pat.Et Dem., *Gymnopilus aeruginosus* (Peck)Sing., *Agrocybe* sp., *Hypholoma fasciculare* (Huds.:Fr.)Kumm., *Inocybe rimosa* (Bull.:FR.)Kumm., *Lepiota bruneoincarnata* Chodate & Martin, *Leucocoprinus birnbaumii* (Corda) Sing.(*Leucoagaricus rubrotinctus*), *Mycena pura* (Pers.:Fr.) P. Kumm, *Entoloma sinuatum* (Bull.:Fr.) P.Kumm. (*E. eulividum*, *E.lividum*), *Paxillus curtisii* Berk., *P.involutus*(Batsch:Fr.)Fr., *Psilocybe cubensis* (Earle) Sing., *Pluteus*

patrcius Schulz, *P. salicinus* (Pers.:Fr.) P.Kumm., *Panaeolus cyanescens* (Berk. & Br.)Sacc.(*Panaeolus papilionaceus*), *P.retirugis* (Fr.)Gill., *Russula emetica* (Schaeff.:Fr.)Pers., *R. foetens* (Pers.:Fr.)Fr., *Strobilomyces nigricaus* Berk., *St.strobilaceus* (Scop.:Fr.)Berk., *Scleroderma citrinum* Pers.(*Scl.aurantiacum* Pers.), *Scl.verucosum* (Bull.:Pers.)Pers.

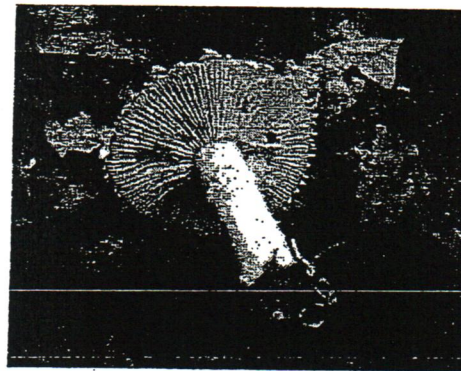


Fig 1. *Amanita citrina*

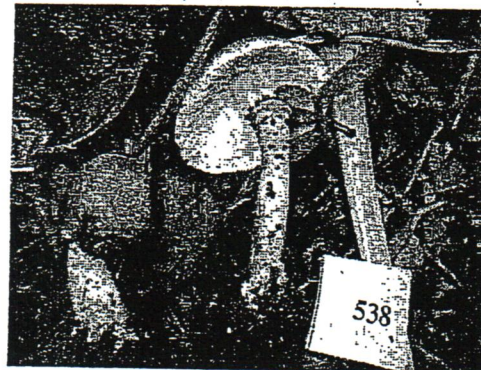


Fig 2. *Amanita* sp.

Some of them seem to be very important and cause annual toxic symptoms in diffrential ecological areas of Vietnam, such as: *Amanita phalloides*, *A. verna*, *Chlorophyllum molipdites*, *Entoloma simeatum*.

1. *A. phalloides* (Fr.)Link. - Death cap

Cap: 3-7 (12)cm wide, convex, margin not radially lined, greenish-brown, dark-brown green to nearly black. Gills: free, white. Stalk: 3-7 (10)cm long, 1/2-3/4