

Mycology Course

PROGRAM



Chapter 1- Biology



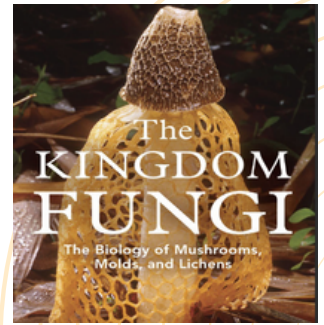
Fungi Kingdom
33 slides

TERMINOLOGY	
Term	Meaning
acid	with a peppery, burning taste
acute	(referring to physical shape) sharp
adnate	(gills) attached to the stem over all or most of their total depth
adnexed	(gills) tapering in depth toward stem so that the attachment is narrow
amyloid	turning blue, grey or black when stained with Melzer's reagent
annulus	ring of tissue on a mushroom stem left by a torn partial veil
apiculus	tiny projection on a spore where it is attached to the sterigma
apothecium	cup-shaped fruitbody of certain ascomycetes fungi

Taxonomy
12 pages



World of Fungi
11 pages



Kingdom Fungi Book
362 pages

Chapter 2- Macrocharacteristics of Mushrooms



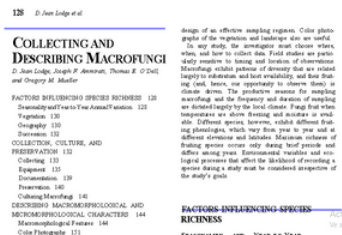
Observing & Studying Mushrooms
45 slides

MUSHROOMS AND TREES association and ecological impact

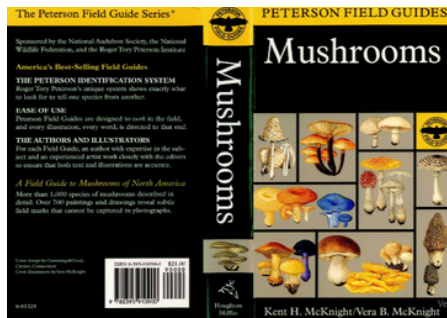


Albatrellia (European) (Lecanora)
European continuous forest, limited to the abundance of Europe. From north-western coast to the Alps and the Carpathians. Common in deciduous and coniferous forests, mainly in the north-east region of North America. Growing from the base of the tree in the north-east region of North America. Found at 400-1000 m of altitude. The tree grows in a cold and humid climate, in a temperate region, with a high rainfall. Under 1000m per year, in the coastal area of the sea, where the forest is covered with

Mushrooms & Trees
12 pages



Collecting Macrofungi
33 pages



A field guide to Mushrooms-Book
547 pages

MYCOLOGY ONLINE COURSE- ALQUIMIA HEALING ARTS

CHAPTER 2

EXERCISE 1

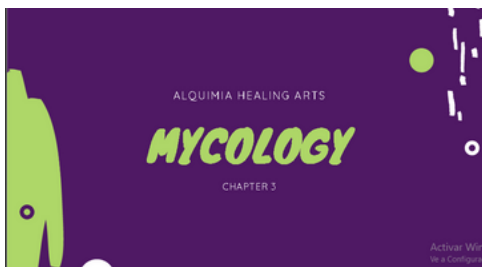
Go in the woods and collect 3 different mushrooms.
Take a sporeprint for each mushroom.
Note the results.

EXERCISE 2

Describe the mushrooms you have collected by using the terminology on this chapter.
i.e. Describe the gills attachment, spacing of gills etc...

Practical Exercise

Chapter 3- Mushrooms Identification

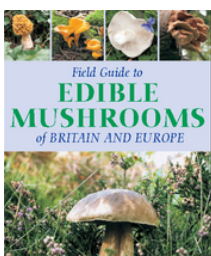


Identification
29 slides



Key to gilled mushrooms

Key to non-gilled mushrooms



Field Guide to Edible
Mushrooms- Book
162 pages

MYCOLOGY ONLINE COURSE CHAPTER 3

Practical Exercise

Find at least 5 different species of mushrooms.
Take pictures (singularly)
Use the Identification Sheet at the end of the pdf of your third class.
Fill the sheet for each mushroom and when finished send it via email to:
alquimia@mail.com, subject: mushroom Id plus your name

After we will give you a feedback.
(remember to number the pictures to match the sheet)

Practical Exercise



- *Chapter 4- Mayor Genera*



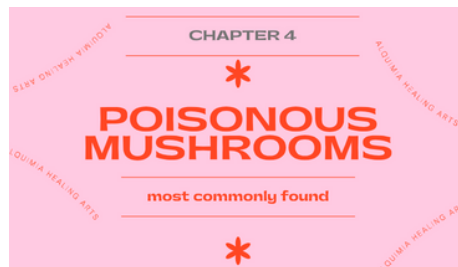
Amanita Genus
40 slides



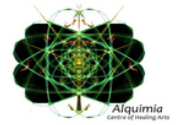
Common Edible Mushrooms
43 slides



Guidelines for Major Genera
95 slides



Poisonous Mushrooms
38 slides



MYCOLOGY ONLINE COURSE

A little exercise to practice ID skills:
For each picture try to find the GENUS (the genus only unless you can recognize the species)
Please, send your replies along with the pic number to alquimia@mail.com

Practical Exercise

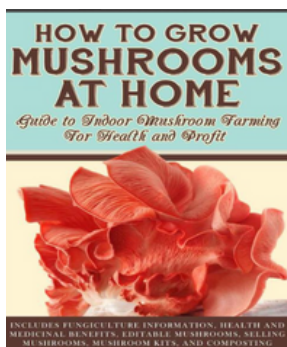
- *Chapter 5- Cultivation and Growth*



Essential Guide
100 slides



Growing Oysters
25 slides



How to grow Mushrooms- Book
136 pages

Your Tutor

Fusi Elisa is a professional registered Mycologist who has been leading ecology courses and forest walks for more than a decade.

