

## DEADLY MUSHROOMS.

THE BEAUTIFUL BUT VENOMOUS AMANITA FAMILY.

Beneath the pleasing exterior of this brilliant fungus lurks a vicious poison that is fatal to the lives of men and cattle.

In the dark shade of lofty pine trees and under spreading oaks in more open woods a mushroom is found so remarkable in color and graceful in form that its beauty has excited admiration for hundreds of years. The color of its bright orange cap and its chalk white stem and gills is heightened by the surrounding darkness of the woods and presents a contrast as singular as it is beautiful.

But beneath the pleasing exterior of this brilliant fungus a poison lurks so fatal to the lives of men and cattle that it is called the deadly amanita, and in different countries mothers caution their children to beware of its charms.

Amanita muscaria, the deadly, or fly, amanita, is completely incased in a fleece-like covering during the early stages of its growth, which makes it decidedly egg shaped in form. As the stem lengthens this covering either adheres in loose patches to the top of the cap or it slips away and forms a sheathing to the cup at the base of the stem.

Another tunic covering breaks away in its turn from the cap as the mushroom expands and forms a conspicuous collar about the upper part of the stem. The bulbous base of the stem and these ruptured, fleecy coverings are pronounced characteristics which are most helpful in distinguishing this dangerous fungus from the other varieties of mushrooms.

It is strong, free from pests and grows to a height from four to sixteen inches. In color the cap is sometimes bright scarlet, again orange or yellow or reddish in the center and light yellow toward the edges, and it has noticeable wartlike patches spread over the top. On old plants the color fades out, and late in the season particularly forms of the deadly amanita are found which are almost white. The stem is easily separated from the cup at its base.

This mushroom is more generally known than any of the other poisonous species. It has long been used as a fly poison in Europe, and it takes its name, muscaria, from the Latin word for a fly. Its poisonous effect upon human beings begins a few hours after it has been eaten. The symptoms are nausea and faintness, with cold perspiration and stupor, followed in severe cases by death from a gradual weakening of the heart.

A strong emetic should be given at once, and in all cases a physician should be called. Sulphate of atropin is the only known chemical antidote for this poison, and to save the patient it must be promptly administered by hypodermic injections.

The poison may also be absorbed through the pores of the skin, and bad cases of poisoning have been produced by simply holding an amanita in the closed hand or breathing its exhalations in a warm room.

If poisonous mushrooms are packed in the same box with edible ones the virus from the poisonous fungi is absorbed by the harmless mushrooms, and they become as dangerous to eat as the original offenders.

In certain countries the deadly amanita seems to lose some of its virulence, and in the north of Russia and parts of northeastern Asia it is used in the same manner as wine for its intoxicating effects. The mushrooms are gathered in hot weather and are hung up in the air to dry or they are sometimes picked fresh and put into soups or sauces. A small amount swallowed whole is enough to produce a day's intoxication.

Another fatally dangerous member of the amanita family is the death cup (Amanita phalloides), a beautiful mushroom which also grows in the woods, especially in pine forests. It is not so highly colored as the deadly amanita, and, unlike that mushroom, it has a smooth, satiny cap. It is usually white or straw colored, but specimens are found which are light brown, green, yellow and spotted. The stem is white and nearly smooth, and the cup at the base of the stem is invariably present.

The death cup is even more poisonous than the deadly amanita and stands first among all noxious fungi for its poisonous qualities. It grows in the eastern and middle states and in particularly large quantities near the city of Washington.

Another amanita (Amanita verna), found in the woods in spring, is also very poisonous and may be told by its color, which is a creamy white throughout.

Although it is said that the amanitas are the only mushrooms which have proved fatal to human life, there are other varieties which cause such acute distress that it is well to guard against eating them.

The boleti, for instance, have several varieties which are nonedible, although many kinds, on the other hand, make delicious food. The boleti are distinguished by a sponge-like surface of pores instead of gills beneath the cap. The harmful varieties are bitter, as a rule, and change color to blue or red when cut or broken. The edible varieties remain white.—Annie Oakes Huntington in Youth's Companion.

### After the Fall.

"I always pitied Adam and Eve for being driven out of Eden in such insufficient clothing, just as winter was beginning."

"How do you know it was winter?"  
"Why, it was just after the fall, wasn't it?"—Cleveland Leader.

The best education in the world is that got by struggling to make a living.—Phillips.

### Answer Easy.

Nurse (to fond mother of celebrated musical prodigy)—Please, mum, is Master Willy to 'ave 'is morning sleep or go on wiv 'is Sixteenth Symphony?—Punch.

If thou faint in the day of adversity thy strength is small.—Book of Proverbs.

# Buena Vista Addition

TO KLAMATH FALLS, OREGON

THE PLAT OF THIS BEAUTIFUL ADDITION WILL BE ready soon, and lots therein will be placed on the market. The tract comprises 530 acres, adjoins Klamath Falls on the north and west and borders on Link River and Upper Klamath Lake for two miles. From this addition can be seen the grandest panorama on the Pacific Coast, comprising Lake, River, Valley, Hill, Mountain and Snow-capped Peaks, blend into an harmonious picture of unequalled beauty and magnificence.

Boulevards and Streets are now being graded, and these will be lined with Shade Trees. Grading work on the Electric Street Railway is now under way.

A complete sewerage system will be put in. The entire cut of the Odessa sawmill has been purchased, and those building in the Buena Vista Addition this summer will have first call on the output of this mill.

Plans for a magnificent hotel are now being prepared, and construction will begin this summer. This hostelry will be located on one of the most picturesque spots in the addition and will be surrounded by a park.

If you want a home in the most beautiful section of Klamath County, buy a lot in the Buena Vista Addition.

If you want to live where you will be surrounded with beautiful homes, buy a lot in the Buena Vista Addition.

If you want to live on the street car line then have your home in the Buena Vista Addition.

If you are looking for an investment that will yield returns, purchase property in the Buena Vista Addition.

Office: Murdoch Build'g,  
next door Postoffice

KLAMATH LAND & TRANSPORTATION CO.

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LOTS IN BONANZA

are the best investment in the way of town property in the County. The prices are low, \$35 per lot and up, with easy terms. Many of our home people have doubled their money within the past month. \* \* \* \* \* If you wish to make some easy money

BUY NOW

I have ranch property of all kinds all over Klamath County, and I can sell you a lot in any town in the County. I will be pleased to hear from anyone interested in this country and will cheerfully answer all inquiries. A postal card will bring you my pamphlet on

## Why Klamath County Grows

WRITE TODAY

Here are a few of the bargains I have listed:

No. 12.—For the speculator. 100 acres of fine level land under ditch, fenced and partly cleared, raised 35 bushels of oats this year, dry farming.—The cheapest property in the county at \$2500.

No. 23.—If you are thinking of a good-sized place, one that two or three families can take together, this will suit you. 520 acres, all but 60 under ditch. Small house, good barn, granary, all fenced. The best buy in the county for \$15 an acre. Easy terms.

No. 34.—240 acres nearly all under ditch, partly under cultivation. House, barn and outbuildings. You should see this to appreciate it. \$20 an acre is the price, and it will double within two years.

No. 21.—Here is a good one. 100 acres all level land, practically all under ditch, all fenced. House, barn and outbuildings, three miles from a good town. You can surely double your money at \$17.50 per acre. Terms Easy.

No. 33.—320 acres, nearly all under ditch. Good house, barn, windmill, fenced, etc. This place is a money-maker now on a dry ranch and is the best buy in the county for a home. Price \$22.50 and you can have terms.

No. 28.—440 acres, good house and barn, all fenced. This and has a good river front, insuring easy water for stock, and best of drainage. If you were to fix up an ideal ranch, this would be it. It goes at \$20 per acre. Terms easy.

Bonanza Office: Driscoll Bros. Mercantile Store

E. B. HALL

Office: Hamaker Building, across from P. O., KLAMATH FALLS, OREGON