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# THE FRAUD OF THE AGES EXPOSED.



#### THESE TRUTHS SHOULD BE KNOWN BY ALL.

"THE GREAT DESTROYER," as the demon of intoxicating drink is called by Hon. R. P. Hobson, M. C., is also the GREATEST LIAR of the material universe, and has deceived doctors and chemists for ages.

He is now unmasked and PROVED The Curse of curses and Liar of liars.

## T: MARCELLUS MARSHALL,

Stout's Mills, W. Va.

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# THE NATURE OF ALCOHOL.

"Every laboratory, clinical, and pathological research has demonstrated that alcohol is a \*dehydrating, †protoplasmic poison, and its use as a beverage is destructive and degenerating to the human organism. Its effects upon the cells and tissues of the body are depressive, narcotic, and anæsthetic. Therefore, therapeutically, its use should be limited and restricted in the same way as the use of other poisonous drugs."

[\*Dehydrating means sucking out water. That is the reason cold whiskey is hot. Salt and lime dehydrate too.

f"Protoplasm" is a cell (or sac) of beginning life. Whatever "poisons" the "life cells" in blood (or sap) hits the source of strength and health.

It is NOT adulterated drink but ALCOHOL itself that is WORSE. T: M. M.]

And he adds, "It is to be noted that the investigation has been conclusive. The question has passed beyond the experimental stage, beyond the stage of theory, and is a demonstration that is final, like the demonstration that the world is round, and not flat."

#### ALCOHOL A POISON.

"The last word of science after exact research in all the domains, is that alcohol is a poison. It has been found to be a hydrocarbon of the formula C2H6O, that is produced by the process of fermentation, and is the toxin, or liquid excretion or waste product, of the yeast or ferment germ. According to the universal law of biology that the toxin of one form of life is a poison to all forms of life of a higher order, alcohol, the toxin of the low yeast germ, is a protoplasmic poison to all life, whether plant, animal, or man, and to all the living tissues and organs." [C2H6O, means carbon (charcoal) 2 parts, hydrogen 6 parts, and oxygen 1 part chemically united. T: M. M.]

#### ALCOHOL HAS NO FOOD VALUE.

"It is necessary to surrender the old idea, so widespread, that alcohol in small quantities has a food value, that its temperate use has any benefit. The experience of the railroads has led over 39 great railroads to forbid the use of alcoholic beverage among their employees. While the men thought they were being fortified, experience proved the contrary. Science has supplemented experience by actual and accurate measurements. If a man drinks one glass of beer, the day on which he drinks it his general efficiency will be lowered on an average of 8 per cent. If he takes three glasses of beer a day, or the equivalent in light wine, for 12 days, his efficiency at the end of the 12 days will be lowered from 25 to 40 per cent, depending upon the temperament of the

man and the nature of the work. In doing mathematical work, like book keeping, the loss of efficiency goes above the 40 per cent limit; in memorizing the loss goes up as high as 70 per cent. Thus the most moderate and temperate drinking is harmful. NO MATTER IN WHAT QUANTITY TAKEN ALCOHOL REMAINS ALWAYS A POISON."

## ALCOHOL A NARCOTIC, NOT A STIMULANT.

"In like manner it is necessary to surrender the old idea that alcohol is a stimulant and has medicinal value as such, for it has been found to be a narcotic. What is thought to be stimulation is in reality a condition where the higher centers of coordination and control are more affected by the narcotic and, under paralytic effect, turn loose the lower activities. The real effect throughout is depressive, and all the ideas of medicinal value attaching to alcohol must be abandoned." [All the old books for hundreds of years classed it as a stimulant. It is the contrary; thoroughly PROVED to be always and ever narcotic and depressant. T: M. M.]

#### SNAKE-BITE FALLACY.

"The old idea that alcohol is good for a snake bite, mad-dog bite, or other forms of poisoning must give way, for experiment has shown that in such cases alcohol not only does no good, but actually hinders and even prevents other treatment from being effective. Two men bitten at same time on the streets of Paris by the same mad dog were treated at the same hospital. One speedily recovered. The other was not susceptible to treatment and died. Though not inebriated and not a heavy drinker, but only a temperate regular drinker, it was found that the alcohol in his system prevented all treatment from taking effect.

#### CONSUMPTION FALLACY.

The old idea that alcohol is good for those threatened with lung troubles must be abandoned. Accurate records show that deaths from lung trouble are directly in proportion to the average amount of alcohol consumed. In one province of France, where the the consumption of alcohol is 12.5 liters per capita per year, the deaths from consumption are 32.8 per 10.000 per year, while in a similar province, where the consumption of alcohol is 36.4 liters per capita the deaths from consumption are 109.8 per 10.000. With regard to drinking alcoholic beverages, what applies to consumption applies to pneumonia and other diseases of the lungs, like grippe, pleurisy, colds, and the like. What applies to the diseases of the lungs applies in a general way to the diseases of the stomach and intestines, diseases of the kidneys and bladder, diseases of the liver, diseases of the heart and blood vessels, diseases of the nervous system and the brain, diseases of the blood, diseases of the bones, muscles and tissues."

[It may in some cases, kill the comma backledus, and thus let a very strong

# person recover; it also poisons the person to some degree. T. M. M.] ALCOHOL THE CAUSE OF DISEASE.

"The alcoholic toxin not only has a poisoning effect of its own in every case, but in addition, through lowered vitality, the organs and tissues are opened to attack from other sources.

"The results can be illustrated by taking the effect of alcohol on the white blood corpuscles, the wonderful standing army of the system, whose organized hosts, millions strong, attack and destroy the hordes of disease germs of all kinds that are constantly entering the system through the air we breathe, the food and drink, and through abrasions of the skin. These disease germs, seeking a lodgment, germs of tuberculosis usually in the lungs, germs of typhoid in the intestines, each kind in its favorite organs or tissues. are constantly under assault from the armies of the corpuscles. If the latter win from the outset the germs are thrown off. If the germs win at first they get a lodgment and multiply, and the person contracts the diseases. If by repeated assaults the corpuscles finally win, the patient recovers. If the multiplying hordes of germs win, the patient dies. Nearly all the diseases of mankind and nearly all the deaths hang upon the vitality and vigor of the white blood corpuscles." [Intoxicants merely paralyze the brain and the nerves, to a degree—very, slightly, sometimes, entirely in case of "dead drunk". Remember! Every drop does its little damage. T: M. M.]

ONE DRINK MAKES THE WHITE BLOOD CORPUSCLES DRUNK.

"Under the microscope it was found that even a moderate drink of alcoholic beverage passing quickly into the blood paralyzes the white blood corpuscles. They behave like drunken men. In pursuit they cannot catch the disease germs. In conflict they cannot hold the disease germs for devouring, and they cannot operate in great phalanxes, as they do when sober, against such powerful germs as those of consumption."

"Every time a man takes a drink of alcoholic beverage he lays himself open for a time to contracting diseases. Every time a man takes a drink he puts his life in peril. No wonder the mortality statistics show, as they do, that a total abstainer has nearly twice the security and hold on life that the average drinker has and about three times the hold of heavy drinkers and those engaged

in the liquor traffic."

"If the drinks are repeated, the microscope shows that the fighting powers of the white blood corpuscles are permanently impaired, even when they are not actually drunk. This accounts for the lowered vitality of regular drink-

ers, even though temperate."

'After long-continued drinking, even though temperate, the microscope shows that the white blood corpuscles, with the serum which contains their vegetable food continually sucked up by the dehydrating toxin, become cartivorous, and begin to feed upon the tissues and organs like disease germs. The favorite tissue food of the degenerate corpuscles are the tender cells of latest developement. In the human being the latest developement is the brain. The microscope shows the degenerate corpuscles, with the goods upon them, down in their bodies the gray matter of the brain. This accounts for the tremendous mortality among heavy drinkers and for the degeneracy that will be referred to later."

I wish to add to the above, That I would no more drink 1NTOXICATING DRINKS, SMOKEOPIUM, OR EAT MORPHINE THAN I would arsenic or strychnine. Each and all CAN be used, and are used; but each and all are dangerous, and too deadly to venture to fool with. "The Greatest Liar of the universe." "He's FOOLING you!" "He's fooling YOU!"

T: MARCELLUS MARSHALL