

THE EVOLUTION OF MAN

WORLD NEWS IN BRIEF PARAGRAPHS

"Comparative Anatomy and the Blood Test"

Last Thursday concluded the material evidence of man's descent from the lower forms of life, and this was the fourth illustrated address on the subject, and any of these contained more proof of evolution than all the ancient and modern world could supply in support of "Special Creation."

Dr. Curry showed how this was inevitable, since the microscope was an invention of the 17th century, and it was not until 1839 that Schann published his great work in which was presented for the first time the "Cell Theory" on which modern biology and evolution rest.

Man, unaided with instruments, such as telescopes and microscopes, may philosophize, may even reason from analogy, but they could have no scientific basis regarding planets, or suns, or the existence of the germ-life, or the structure of organized bodies.

It was not until 1836 that the method by which the blood circulated in the human system was discovered by Harvey. For ages the "heart" was considered the seat of mind and morals, while the male sex "had a rib short," as it was removed by Jehovah, in order to make "woman." Probably the similarity of anatomical structure between the ape and man afforded conclusive proof in the opinion of last Thursday's audience that man, and the lower animals are alike children of the same ancient ancestors, and that the vast variety of forms, and attributes of life have resulted from differences in environment.

The speaker declared that evolution contained threats, as well as promises. Under certain conditions the result is degeneration, and death, and the fossil remains of extinct races are grim records of failure. The way down is, after all, the easy grade; it is "the broad road which leads to destruction," not only innumerable races of animals, struggled upward for ages, only to go down to extinction, but this has been the fate also of the king of creation, even man. The earth is strewn with ruins of civilizations, which struggled upward, and then perished.

Today this modern civilization is disintegrating if not dying, not because of cosmic forces, but from social forces, which have been unloosed by science, and are now controlled by our modern rulers, who represent not the good of mankind, but rather blind greed, and who are, in fact, the powers of darkness and death.

But the speaker believed that while these blind rulers will destroy millions, their action is developing new forces, which will in time destroy them, and that today powers making in evolution and progress are stronger than the powers of destruction.

The Pictures Shown

Among the many interesting illustrations shown on the screen were from "Hackel's Evolution of Man," and "Dennis Hurd's Picture Book of Evolution."

Ordinarily we see little or no resemblance between a man and a horse, yet here was a picture of these two

vertebrates which science tells us are blood relatives. The fossil remains show the horse at the bottom strata of the Tertiary system a five-toed animal, the size of a fox. This was about two million years ago, and the geological records show that man and the horse, and mammals in general, are all descendants of the mammal-shaped reptile, from in the Triassic strata, estimated to be at least ten million years old.

But it was also shown that the boney structure of man, and the horse are built on the same plan, and that their organs are similar; man and the ape walk on their feet, the horse walks on the big toe of each foot, and the hoof is but the enlarged toe-nail. Cloven-foot animals walk on two toes, while dogs, cats, etc., on four toes; yet science tells us that men, apes and the common animals around all came from the five-toed amphibian of the "carboniferous" period, which in turn evolved from fish.

Perhaps the most striking illustrations demonstrating our monkey-relationship were comparisons of the anthropoid apes and man. Here was "Huxley's group," consisting of the skeletons of the gorilla, the chimpanzee, orang and a gibbon, and to know the anatomy and physiology of one, was to know them all. Their boney frames, and internal organisms are similar, their mode of reproduction is the same, even to what Hackel terms "the elaborate and special mode" by which the embryos are attached to their mothers.

Huxley's Law Demonstrated by the Blood Test

Professor Huxley, whom Hackel terms "Britain's greatest zoologist," declared that "the difference in construction of any part of the body is less between man, and the anthropoid ape and man than between the anthropoid ape, and the lower ape." This is also proved by the blood test. Hackel says: "The experiments of Hans Friedenthal, of Berlin, have shown that human blood mixed with blood of the lower ape has a poisonous effect on the latter, the serum of the one destroy the blood cells of the latter, but this does not happen when human blood is mixed with that of the anthropoid ape."

We know that from other experi-

London, G.B.—Unemployment benefit has increased from £2,310,000 in 1920, to £44,000,000 in 1922.

Moncton, N.B.—The workers in the railway shops of Moncton were faced with an enforced "lay-off" between Christmas and New Years, and entered a vigorous protest to Labor members of parliament. It was declared that there is much discrepancy between the wages paid to the President of the Railway Board and the men who man the railroads of the country. The big chief's wages go on whether he works or not. But the wage slaves on the railroads have to "lay off" a few weeks at Christmas time to help pay the big salaries.

Montreal.—The Montreal Trades and Labor council has adopted a resolution denouncing as a blow against free speech the motion now before the city council which would make any one speaking in the public streets liable to arrest.

The Trades Council, in a formal letter to the City Clerk, expresses the hope that enough of the spirit of justice remains in the city administration not to fear the activity of those who are attempting to address the public on vital questions.

Los Angeles.—Christmas night religious people here observed a very bright star in the heavens. Bill Sunday, who happened to be in the city, was consulted. "It's the star of Bethlehem come again," said Billy. "The prophecies of Revelations are coming true."

Unkind astronomers then spoiled the story by stating that the so-called star was the planet Jupiter, which is always very bright in the early evening in the end of December. But that didn't phase Billy. When science and religion disagree," he announced, "science is always wrong."

ments that the mixture of two kinds of blood is only possible without injury, in the case of two closely-related animals. In this we have another proof of the blood-relationship, in the literal sense of the word of man, and the anthropoid ape."

Next Thursday the subject will be: "Our Savage Survivals," in which it will be shown that many of our instincts and mental tendencies are inherited from our distant ancestors.

YESTERDAY a lady whose little child of seven years of age had suffered from tape worm for two years, and who had spent endless sums of money



on old methods with no results, said her child was a different child altogether after taking 31 adjustments with me extending over a period of ten weeks, and had gained eleven pounds in weight.