

# TWO HUNDRED YEARS FROM NOW

## Cambridge, England, Scientist Prophecies Changes for 2123 A. D.

Darwin's theory of evolution is only the beginning of a long series of biological theories and discoveries that would keep William Jennings Bryan on the lecture platform, if he tried to combat them, for the next several centuries, according to a recent account of modern science prepared by J. B. S. Haldane, of Cambridge University, England.

The eminent scientist was asked by the editor of The Century Magazine to describe his ideas concerning the state of the world 200 years hence, based on scientific research that is being done at the present time. The resulting article is enough to give goose to the wildest lay dreamer. None

The forecast is not wholly visionary. Some of the most revolutionary work done in modern science has been performed and is being prosecuted at Cambridge University, and Mr. Haldane is in close contact with it. There the atom, long supposed to be the smallest division of matter has been broken up into electrons. It has been weighed and diagramed. In the hydrogen atom has been discovered energy that could blow up the world, if any means were known to release it.



French Academy Unveils Masterpiece "The Birth of Chlorine."

of the prophets of history saw visions to compare for strangeness, wonder and even terror with those evoked by Mr. Haldane.

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COMMUNITY POWER PLANT No Coal Needed

Mr. Haldane has consented to speak right out in plain and unusually forcible English, in a popular magazine.

Praises Einstein In the first place he gives full measure of praise to Einstein, whom he describes as one of the two greatest Jews in history. Einstein has upset the world of physics; he believes, and has made necessary the future prosecution of scientific research on an entirely new plane. He undoubtedly stands with Newton, the discoverer of the law of gravitation. This in spite of the fact that his theory of relativity can as yet be only imperfectly understood by even the most learned.

And yet the Cambridge savant skips lightly over physics, because he believes biology is the science that will show most wonders to the human race in the near future. He pauses merely long enough to give his grounds for believing that man will soon evolve a "cold light" that will make illumination extremely cheap and effective, and will wipe out such a thing as darkness. He carries over the thought that the increasing speed of transport and communication will make it possible for a person in one hemisphere to see and speak with one in the other within a few seconds. He foretells the existence of steel wind mills that will store up electricity all



The heat and power needed, after coal is exhausted on the earth.

Science Downs the Classics He turns aside to warn artists, poets and novelists that if they wish to count for anything in the progress of the arts they must master science instead of the classics. Then he plunges into biology.

Tea, coffee, tobacco and alcohol are the only substances men have discovered.



Poet Composes "Ode to Ag H<sub>2</sub>O"

ered in centuries that have an effect on their own bodies and character. he

states. But the science of chemistry has reached the stage where many more such substances will be at the command of the temperate man for increasing his efficiency and happiness on the earth.

An illustration is drawn from a discovery made in Germany during the war. This was of the stimulating qualities of acid sodium phosphate. This substance, taken in small quantities, reports Mr. Haldane, makes the human being capable of unusually prolonged and vigorous physical and mental exertion. At the same time it has no ill after-effects. Some Germans take it constantly.

It is but the beginning of a long line of such discoveries.

Artificial Food As regards food, Mr. Haldane predicts in 120 years it will be possible to build up artificially all the elements needed for a complete diet. The farms of the earth may then be abandoned, and every one live a city life. No more fields need be plowed, no more

cows milked, no more song writers worry over how to keep the boys down on the farm after they've seen Broadway.

"Ectogenetic Children" All this is in preparation for the biggest shock of all. This is the introduction of the "ectogenetic child." The citizen of the future, predicts Mr. Haldane, may quite possibly start life in a laboratory test-tube, be reared in a specially prepared serum, and at the proper time be put on a diet of artificially created milk. Whether he will grow through infancy in a scientifically silent and respectful fashion, or preserve the propensity of the present-day child for yelling his head off the scientist neglects to state.

In a fanciful essay, supposedly written by a Cambridge student in the Twenty-second Century, Mr. Haldane reports the French as the first people to adopt the new method of replenishing the population, and states that in the first year they produced 60,000 children. All these children were superior to the natural kind, just as cultivated pigs and horses are superior to the kind that are accidentally born and are raised in a state of nature.

Laboratory-born Not only will babies be conceived, nurtured, born and raised in great laboratories, with the possible adjuncts of nursing homes of a common-

urate size, and occasional visits to titular mothers; but their characters, talents and functions will be determined by cleverly made incisions, excisions, injections and so on.

The fact that character and ability can be influenced through the glands of the endocrine system, Mr. Haldane reminds his readers, is a proved fact today. The reproductive organs of lower animals have been kept alive for days in special serums, etc., etc.

All Women Youthful He continues to describe the mature life of the scientifically fashioned citizens of the future. Women, for instance, will retain their youth. Nor will men or women ever suffer from disease. When they die they will do it peacefully, falling at their chosen time into a deep and lasting sleep. Entire generations very probably will die simultaneously so there will be no grieving by contemporaries left behind.

Morals and religion will, of course, undergo radical changes as a result of these inventions. The discoveries will not be put into force, he admits, without strong opposition. A particularly strong opposition in the State of Nebraska is humorously recorded by the imaginary essayist. Which proves, if nothing else, that Mr. Bryan's philippic against the late Mr. Darwin has carried as far as Cambridge.



## Sport News

### By Our Country Editors

#### MERRILL

All places of business were closed in Merrill Friday in respect to the memory of the late President Harding.

Mrs. J. W. Taylor and daughters, Beatrice and Mary, were Klamath Falls visitors Friday.

Mr. and Mrs. Melvin Bowman returned Friday from a week's trip to Diamond lake.

Mr. and Mrs. J. W. Taylor entertained a few friends at their home north of Merrill Saturday evening, the occasion being the twenty-first birthday of their son, Raymond. The evening was spent with music and games. Refreshments were served during the evening. Those present were: Mrs. H. F. Tolle, Gertrude and May Tolle of Eugene; Mrs. Rose Ravis, E. A. and Sunner Davis, Mr. and Mrs. Taylor, Raymond, Beatrice, Mary, Opal and Arlene Taylor.

After the regular meeting of Merrill Rebekah lodge Monday evening, ice cream and cake was served and a social hour spent in honor of Mrs. Tolle of Eugene, P. G. of

the Merrill lodge.

Mrs. Tolle and daughters were visitors in Klamath Falls Saturday.

Mrs. Davis and E. A. Davis visited Klamath Falls Saturday.

Mr. and Mrs. R. H. Anderson and daughters, Thirza and Helen, left Saturday for an outing at Rocky point. Miss Wyle Walker accompanied the Andersons, and will be their guest at Rocky point.

A party of Merrill people made a trip to the lava beds Sunday, going by way of Dry lake and around Tule lake. They report a fine day. Those in the party were: Mrs. Tolle and daughters, Mrs. Davis, E. A. and Sunner Davis, Mrs. J. W. Taylor, Raymond, Beatrice, Mary and Arlene Taylor.

Miss Doris Ady arrived from San Jose, Calif., Wednesday evening to spend a few weeks with her mother, Mrs. L. C. Ady. Miss Ady has been

attending the San Jose normal summer school.

Misses Aileen and Eva Murny returned from San Jose Wednesday evening. Miss Aileen has been attending summer school and Miss Eva has spent the summer there.

Mrs. H. F. Tolle and daughters, Gertrude and May, left Thursday morning for their home in Eugene, after a ten days' visit with old friends in Merrill.

Mr. and Mrs. W. F. Jimnette and Karl and Fay Jimnette left Thursday morning for a week's trip to Crater lake.

Mr. and Mrs. C. Bowman left Monday morning for the huckle-berry patch.

Mr. and Mrs. J. Davis, who have been in Merrill putting up hay on their ranch, left this week for their home in Shasta valley.

Mrs. Myrtle Williams, Roy Stephenson and Jack Wadby of Klamath Falls visited in Merrill Saturday, the guests of Mrs. L. Storey.

The Busing sale Friday was

fairly well attended. Cows brought a good price. C. G. Merrill was the auctioneer.

C. B. Merrill returned Wednesday evening from a business trip to Redding.

Misses Mildred and Ruth Hill were Klamath Falls visitors this week.

Mrs. C. I. Pringle and sons, Ellis and Brooks, of San Anselmo, Calif., Mrs. Pearl Haberfelde and daughter, Alberta, of Taft, Calif., and Mrs. Kenneth Labaugh, of San Francisco, were a party who spent several days this week at the home of W. F. Hill. Mrs. Pringle is a sister and Mrs. Haberfelde a niece of Mrs. W. F. Hill. Bill Hill returned to San Anselmo with them, where he will attend Tamalpais high school the coming year.

#### KENO

The most brilliant and colorful object in Keno is the store building of G. F. Sevits. A portion of it has recently been painted bright

yellow with red trimming. This color scheme is used for the purpose of advertising gasoline, however, and not for a rustic decoration.

Miss Nellie Doran made a visit to Dorris Sunday.

F. A. Grubb and children are other Keno folks who have made recent visits to Dorris.

Mr. Whim, who resides in the Worden section, stopped in Keno on his way home from Klamath Falls Monday.

Augusta Puckett is now home after several weeks spent in Portland, where she has been receiving medical attention. Her sister, Ethel, returned with her.

Captain Ball has made several trips to Keno during the week. He is kept busy towing rafts of logs and barge loads of wood to Klamath Falls.

Roy Cleveenger, who has been working in Kirkford for several months, has just returned to his home near Keno.

D. R. Daten is the first of the farmers in this section to finish maying.

### RICH ARGENTINE TO TAKE PLACE OF JIMMY DE FOREST

PHILADELPHIA, Pa., Aug. 12.—Horatio, wealthy Argentine sportsman and amateur champion pugilist, is to take the place of Jimmy DeForrest in training Luis Angel Firpo for his fight with Jack Dempsey, Firpo said.

Firpo, who is here for a "little bout with Charlie Welmer, of New Ark, N. J.," to use his own words, stated that Lavalle would arrive from Buenos Aires with several assistants on August 15.

DeForrest was not here with Firpo, and it was said that all connections with him had been severed. "I have never seen Dempsey in action myself, and therefore I can venture no opinion as to whether I can beat him or not," said Firpo. "I have heard that he packs a wicked punch, but reports from the Gibbons fight would indicate that he had lost strength. "I would rather fight Dempsey

#### BASEBALL RESULTS

American League—Cleveland 3, Philadelphia 14, Chicago 4, Washington 5, Pittsburgh 5, Brooklyn 2.

#### PHILLIPS STRIKES OUT 20 IN GAME WITH HILT, CALIF.

Striking out 20 men, Phillips of the Ewaunas pitched his team to a 3 to 1 victory over the Hilt, Calif., baseball team at Modoc park yesterday afternoon.

next year. It isn't so much that I am not in condition now, but I will have fought three hard fights in five months, and I should have a rest. The only reason I am doing it is that when I first came to America I signed a contract with Rickard calling for three fights, one of which was to be with the champion within a year. He is rushing me into it."



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