

OLD  
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# The Golden Age

a Journal of fact  
hope and courage

Vol. VII Bi-Weekly No. 167

February 10, 1926



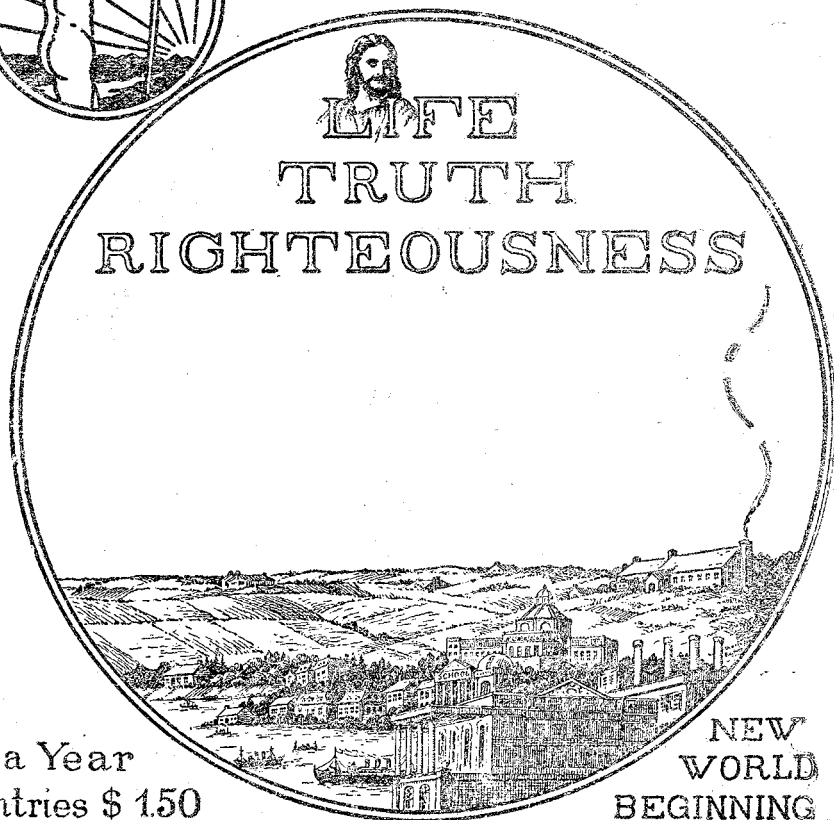
OH, THESE CITIES!

PROPERTIES OF  
RADIO WAVES

IS THE TRINITY  
THEORY FALSE?

WHOM DO  
YOU HONOR?

LIFE  
TRUTH  
RIGHTEOUSNESS



NEW  
WORLD  
BEGINNING

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Published every other Wednesday at 18 Concord Street, Brooklyn, N. Y., U. S. A., by  
 WOODWORTH, HUDGINGS & MARTIN  
 Copartners and Proprietors Address: 18 Concord Street, Brooklyn, N. Y., U. S. A.  
 CLAYTON J. WOODWORTH . . . Editor ROBERT J. MARTIN . Business Manager  
 WM. F. HUDGINGS . . Sec'y and Treas.

FIVE CENTS A COPY—\$1.00 A YEAR MAKES REMITTANCES TO THE GOLDEN AGE  
 FOREIGN OFFICES: British . . . . 34 Craven Terrace, Lancaster Gate, London W. 2  
 Canadian . . . . . 38-40 Irwin Avenue, Toronto, Ontario  
 Australasian . . . . . 465 Collins Street, Melbourne, Australia  
 South African . . . . . 6 Lelle Street, Cape Town, South Africa  
 Entered as second-class matter at Brooklyn, N. Y., under the Act of March 3, 1879

# The Golden Age

Volume VII

Brooklyn, N. Y., Wednesday, February 10, 1926

Number 167

## A Few Items About a Few Cities

TO MOST humans of healthy mind a green field surrounded with a hedge of beautiful trees is more attractive than a vista of bricks, roofs, chimneys and sewer vents; and there seems little doubt that the hideous agglomerations of population as we have known them, and as they still exist, will cease under the arrangements that will be in force during the Messiah's reign.

There are some who love nature so much and the works of man so little that they seem to even hate the cities. Thus Emile Verhaeren seems to view them in "Les Aubes" (The Dawn). We quote a few lines of his work, as translated by Arthur Symons:

Oh, these cities! these cities!  
And their tumults and their outeries  
And their wil' luries and their insolent attitudes  
Against the brotherhood of man.  
Oh, these cities! and their wrath against the skies,  
And their most terrible, most bestial show;  
And their stocked market of old sins,  
And their vile shops,  
Where wreath, in knots of golden grapes,  
All the unclean desires,  
As, on a time, garlands of flowery breasts  
Wreathed the white bodies of Diana's maids.  
These cities!  
The sense of youth is withered up in them;  
The sense of heroism is sapped in them;  
The sense of justice, as a useless thing, is cast away  
from them.  
Oh, these cities! these cities!  
They spread themselves abroad like heaps of rotten-  
ness,  
Like soft or vehement breeds of aliens  
Whose mouths and suckers wait to suck  
The noble blood of all the world.  
Oh, you cities!  
Without you we should still be strong, healthy and  
tranquil;  
Without you our daughters would not be prostitutes,  
Nor our sons soldiers.  
You have soiled us with your ideas and your vices,  
And it is you who let war loose upon us.

Henry Ford is an acknowledged disrespector of cities. It must be admitted that his products have added much to the charm of country life. He plans to do more, having in mind the distribution of his factories throughout smaller towns and villages where the townspeople and adjacent farmers may have work without leaving their rural surroundings. Mr. Ford thinks it a pity, and so do we, that the farmers' products have to be transported to the big cities to be milled or manipulated before they are transported again to the smaller communities to be sold back to the farmer.

We have not heard how Frank A. Vanderlip, New York banker, made out, but we recall that about five years ago he bought an entire village in New Jersey, an old, tumbled-down country community a hundred years old, with the avowed intention of transforming it into a desirable place to remain. The trouble with these small places is that the inhabitants spend so much time discussing the petty personal affairs of their neighbors, and are so sound asleep on their feet, that they do not know they are alive.

### Importance of City Planning

IT IS a good thing that somebody pays some attention to city planning inasmuch as three-fourths of all the inhabitants of the states east of the Mississippi and north of the Ohio and the Potomac are already divorced from farm life. In New York state only one-tenth of the people are still engaged in agricultural pursuits. The rest are city dwellers.

A mere glance at the transportation problem presented by automobile traffic suggests at once that most cities need to be wiped out and rebuilt if the situation is to be properly met. But that is not practical; hence we find rapid transit engineers, architects, landscape engineers, railway engineers, sewer engineers, dock builders and vehicular traffic engineers getting in closer

and closer touch with each other, as they necessarily must if present cities are to survive.

All existing cities were planned long before the advent of the automobile. Philadelphia was laid out by Penn in 1682, Washington by L'Enfant in 1800, New York in 1807, the present Paris in 1850. Washington and Paris are unique in that every street leads to a public building, a park, or a circle with its statue or monument. Atlantic City is the best of them all. Go there once and you will know why.

City planners now are saying some things that a few years ago would have caused people to question their sanity. They are talking of ripping out whole rows of blocks through the downtown districts of such cities as New York, which cost millions of dollars to build, so as to accommodate the ever-increasing automobile traffic. They are also talking of consolidating the buildings of several city blocks into one great structure, so that the roof may be used as a landing place for flying machines.

It has even been seriously proposed by a distinguished engineer, a former president of the American Society of Heating and Ventilating Engineers, that the whole city should be roofed over with glass. His argument is that the inhabitants of such a city would require no overcoats, no winter underwear, no raincoats, no umbrellas, no overshoes, no windows in their houses, no heavy blankets on their beds; and that the economy thus effected would more than pay for the cost of the roof. Children could play in the parks the year around. The temperature could be held at whatever point the citizens voted to have it.

### *The Tallest and the Busiest*

**T**HE tallest and the busiest city in the world is New York. New Yorkers say that it is the largest. Londoners say that London is the largest. It all depends upon where the line is drawn. New Yorkers like to draw the line at nineteen miles from the City Hall, because when they draw it there they win; but if London's boundary is extended a few miles, London wins. The population of each of these cities, with their suburbs, is about 8,000,000; and it is too much.

It seems unreal that in a country fifteen hundred miles wide and three thousand miles long, and with a total population of some 120,000,000, more than five percent should live in the restricted area of a single city. Not only is that

true in the present, but New York is growing with the greatest rapidity of any city in the country. It is freely predicted that in another twenty-five years it will have a population of 15,000,000.

The pedestrian congestion of New York streets finds no parallel elsewhere. It is claimed that the busiest pedestrian corner in the world is Fifth Avenue and Forty-Second street, where the daily average passing in all four directions and on all eight sidewalks is calculated at 200,000.

A multitude of the world's largest cities lie in the same general latitude as New York. Constantinople, Rome, Madrid, Boston, Philadelphia, Pittsburgh, Buffalo, Cleveland, Detroit, Chicago, are some of these, with many others not mentioned which lie near the same general zone.

New York is one of the loneliest places on earth. It is a hard place in which to make friends and to hold them. To be sure it has plenty of hotels; 140 of them have rooms for 50,000 guests. But unless you have plenty of money you would be about as welcome in one of them as the pope would be in Belfast, or a Bible Student at the Vatican.

### *And Chicago is Big, Too*

**C**HICAGO was already a city of 29,000 people when the first railroad entered it, on October 10th, 1848. Only forty-five years later, in 1893, it housed what up until that time was by far the most splendid world's fair ever held. The architectural and landscape effects of that exposition were a revelation and an inspiration to the world.

There are those who think that some day Chicago will be the largest city in the world, for the reason that it is now the greatest railroad center; it lies in the center of the largest and richest agricultural district on the planet; it is surrounded on all sides with fabulously rich coal deposits; and it is determined to be a seaport, via the Great Lakes and the St. Lawrence river, even though the ice will shut it off about five months in the year.

City planners in the Middle West are giving serious thought to the planning of Chicago as a city 125 miles long, stretching along the lake front all the way from Milwaukee to some point in Indiana, and reaching back fan-shaped some

forty miles into the surrounding country. The thirty-eight railroads which terminate in Chicago operate more than 109,000 miles of track, or more than all the railroad track in Germany, Holland, Sweden, Denmark, France and the British Isles combined.

Much of the most valuable real estate in Chicago is in territory which a generation ago was half a mile out in Lake Michigan. The courts have held that riparian rights extend indefinitely out into the water; and many fortunes have been made in Chicago, Cleveland, Atlantic City and elsewhere through the judicious placing of piling so that the winds and waves would create new lands far out from shore. The ground reclaimed on the Chicago front since 1821 is estimated at 130,680,000 square feet; and this ground at present, with the improvements on it, has a value far in excess of \$150,000,000.

Chicago is a safe enough place if you are dead; but if you are alive you may get killed any time. A friend reports having witnessed two holdups in Chicago on a single visit. A guest of the Adventurers' Club of that city a few years ago said that he was anxious to get back to the jungles of Equatorial Africa, among the roaring lions, trumpeting elephants, and sociable hippopotami and rhinoceri, rather than take any more chances dodging trolleys, automobiles and holdup men in the Loop district.

### *Many More Big Cities*

**T**HERE are many more big cities in the United States besides New York and Chicago; and some day we may write them up, but not now. There is no letup in the drift of the people cityward. More than a quarter of the population of the country now live in 68 cities having a population of 100,000 or more, and more than a third live in cities of over 25,000 inhabitants.

There are a few double-cities, i. e., cities connected by great bridges, and destined to be one municipality. Thus there are Duluth-Superior; St. Paul-Minneapolis; St. Louis-East St. Louis; Tampa-St. Petersburg; Kansas City, Mo.-Kansas City, Kans.; Philadelphia-Camden; and eventually New York-Jersey City.

Washington claims to be the most beautiful city in the world; but Oxford, Edinburgh and Paris would contest the claim. Springfield, Mo., has a toy city of 1200 playhouses built by the

schoolchildren of that city on a scale of one inch to the foot. This miniature city has streets, parks, electric lights, and is a complete replica of a large-sized city.

Detroit has a city hall which is unique in the fact that here the blind and the crippled are given employment and made self-supporting. Tacoma has its own light and water plant, which private interests sold to the city about thirty years ago when the Seattle boom was on, because they had lost faith in the city. But Tacoma has thriven, and the plants are successful enterprises. Tacoma supplies light at five cents, cooking current at one cent, and heating current at one-half cent a kilowatt hour.

### *How the Cities Spend their Money*

**M**OST of the large cities of the country are living beyond their incomes. They are mortgaging the future to pay for the present, piling up bonds upon which their children will be expected to pay interest, without ever being permitted to pay off the principal.

Of the ten largest cities in the country the per capita expense of the city management annually is as follows: Boston \$35, Pittsburgh \$30, New York \$28, Los Angeles \$27, Philadelphia \$25, St. Louis \$23, Chicago \$23, Detroit \$21, Cleveland \$21, Baltimore \$16. The expense of running New York is over four times as much as it was in 1898, when Greater New York was formed.

An examination of the details seems to show that Boston, Pittsburgh, and New York are liberal in every department of expenditures. Philadelphia seems to try to economize on schools, libraries, health and fire; St. Louis on pensions, health and sewers; Los Angeles on pensions, recreation, police and sewers; Chicago on highways, schools, libraries and fire; Detroit on highways and charities; Cleveland on recreation, charities, police and fire; Baltimore on everything, but especially on schools, libraries and health.

Residents of these cities will be better able to judge what is implied by these figures. The expenditure of money in a given department does not always mean efficiency, nor does the withholding of it from a department necessarily mean inefficiency. In most cities an immense sum goes out in directions which only the politicians could explain.

### *The Heart of Britain*

**T**HE heart of the British Empire is London, named by the Welsh, so it is said, the name meaning "Pool Hill". The pool was a widening of the Thames convenient for shipping; the hill was probably the elevation upon which the Tower of London stands. It is said that no city in the world presents such extremes of wealth and poverty as are to be seen in London. No city could be finer than the western part of London, while the eastern part presents scenes of indescribable dirt, squalor and misery.

London was a prominent city in the days of Nero. In the days of Constantine it extended along the Thames for a mile west of the Tower. It is itself a seaport, and ships of all nations come into its harbor, but the usual access to the city is by rail from any one of a dozen ports.

It has been stated in Parliament that three hundred tons of soot fall every year on each square mile of London, a quantity sufficient to build a pyramid four times as high as the famous clock tower over the Houses of Parliament. But with all its fogs and soot there is no place in the world that has such a hold upon the British mind. The following from the so-called *Children's Newspaper* (which is really a very fine newspaper for adults) gives the British point of view:

New York is big in every way that can be put into the figures which delight and express the average American mind. It is huge, and high, and rich, and busy. But it has no age nor quality that cannot be rattled off in a row of figures. It needs three centuries of mellowing before it can appeal to the world's heart. Berlin has always been a kind of upstart capital among Germany's historic towns. Moscow has never traveled more than halfway along the path of civilization. Vienna is a venerable capital of a local kind, aside from the world's greatest highways. Rome rules only the past. London in its relation to the whole world, through the British race, in the past and in the present, in ideas, in character, in influence, in business, is the chief nerve-center of mankind. Her infinite variety is too great for a word, and far too great for the figures that only count material things. She does not need a motto. No word, no phrases can fit her. Let her be London.

Dublin, the heart of Ireland, is the opposite of London. It is in the center of a mountainous region, while London is in the center of a plain. Dublin is a center of Roman Catholicism. London is the center of Protestantism. It is said that the most striking thing about Dublin is

that its architecture bears traces of being all of one time. There is street after street of Georgian houses, all looking alike.

### *The Heart of France*

**P**ARIS is where it is because it is the center of an immensely rich truck garden. There are twelve thousand such gardens about Paris which, with their plant houses and other improvements, are valued at \$10,000 to \$12,000 an acre.

Throughout Paris there are numerous open centers called places. From these places boulevards and avenues radiate in every direction, like the spokes from a hub. Napoleon, the prize butcher, was the originator of this idea. His thought was that in case of trouble with the populace he could plant his cannon in these places and sweep the streets more effectively.

Paris is generally considered the most attractive large city. It is the city whence originates most of the styles aped throughout Christendom. It was the first to recognize the value of plate-glass windows. The department store, so common all over America, originated in Paris.

For a thousand years Paris was the largest city in the world. London did not overtake it until the middle of the nineteenth century. No city was ever so rich in books, libraries and literary treasures as Paris. For many years it has housed the world's highest structure, the Eiffel Tower. There are dozens of fountains throughout the city which are works of art. One of the charms of the city is the famous parade ground, Champ de Mars, running through the heart of the city in a broad band to the Seine.

### *The Heart of Germany*

**O**NE could almost say that the real heart of Germany is Vienna, though it is now the capital of another country; for Vienna is a German city and was for centuries the capital of Germany until the haughty Prussians drove Austria out of the German confederation. But the center of the modern Germany is Berlin.

Berlin grew from a collection of islands in the River Spree; and from these islands which are connected by broad bridges, and which still form the center of the city, it has extended far out over the sandy plains until it is now the third city in Europe, being exceeded in population only by London and Paris. The central

part of the largest island was once the site of a castle, but is now a pleasure garden for the public, adorned with monuments and statues and surrounded partly by the old Royal Palace and the Old Museum.

Before the World War the University of Berlin, with 13,000 students, was the greatest in the world. The famous Berlin street Unter den Linden (Under the Lindens) is a very busy modern thoroughfare with no linden or other trees in sight in any photograph we have ever seen.

Berlin, which once had no beggars, now shines in the ranks of beggary, along with Vienna and Naples. It is claimed that the beggars of Berlin are organized into a union, that lessons are given in the art, and the "scab" beggars not in the union are frequent subjects of violence at the hands of those that are in full standing in the union.

Amsterdam, largest city in Holland, has the largest, most imposing banqueting hall in Europe. This hall is 120 feet long, 57 feet wide and 90 feet high. Up the center of each of Amsterdam's principal streets goes a canal, so that the city consists, in fact, of ninety-four islands. The chief buildings rest upon thousands of piles, driven deep into the peaty soil.

### *The Heart of Austria*

"THERE is only one Vienna," is a saying of all the Viennese; and their sentiments are echoed by travelers, who describe the city as "overwhelmingly beautiful", and "the queen of European capitals". It is freely claimed that "every building seems to be a palace, with art in the finish of each exquisite detail", and that even a very ordinary shop is likely to have inlaid work over the doorway.

Before the Celts went into the British Isles, long before the time of Christ, they are said to have founded the city of Vienna, which for so long time stood as the center of German culture and civilization. The Romans had a fort there. It was a gathering point for the Crusaders in their march to the Holy Land. The Imperial Library contains the richest collection of apparel and jewelry to be seen in Europe.

Vienna is the symbol of royalty, of aristocracy, of Roman Catholicism, of music and of the dance. For many years it had the largest proportion of illegitimate births of any great city

in the world. It suffered terribly from the World War. In 1920, in the effort to provide fuel for the populace, a beautiful forest park of 150 acres was completely destroyed. Even as late as a year ago the suicides exceeded a hundred a month.

Prague, the capital of Czecho-Slovakia, formerly part of Austria, and its richest province, is said to be the most beautifully situated of any large city in Europe. In appearance Prague is the most mediæval of cities. It has a great university, almost no aristocracy, and no poverty.

### *Rome, Naples, Athens*

ROME stands as the symbol of force and cruelty. Its origin is lost in antiquity, though tradition declares that it was founded by Romulus in 753 B. C. The city is situated on both banks of the Tiber river, about fifteen miles from the Mediterranean. Rome has a greater number of beautiful fountains than any other city. It is a vast museum of archaeology.

Naples, the chief city of Italy, is situated on the Bay of Naples, 160 miles southeast of Rome, in one of the most beautiful settings of any city in the world. On account of numerous earthquakes the buildings are of unusual solidity. The winter climate is perfect. The city's milkmen drive their flocks around the narrow streets and milk their goats at the customers' doors, in pails which the customer provides. No bottles are necessary, and there is no question about the milk being fresh. Naples is the center of the world's trade in coral jewelry. The University of Naples is 700 years old.

Athens, capital of Greece, stands for art, sculpture, architecture. It was built on a collection of hills five miles back from the harbor, with which it was once connected by a lane 550 feet in width. The walls which enclosed the lane were so broad and massive that their tops served as carriage roads. The Athenians extended their sway over all Greece and made their capital the most magnificent city of the ancient world. Just now they are installing 200,000 American bathtubs.

### *Constantinople, Damascus, Cairo, Mecca*

CONSTANTINOPLE, named for the Emperor Constantine the Great, occupies a triangular position on a peninsula between the Bosphorus and the Golden Horn. The bazaars



of the city are like the booths at a fair. The view from the palace where the Sultan lived is magnificent; but the city as a whole is a tangle of ill-paved, narrow, dark and incredibly filthy streets. The Turkish name of the city is Stamboul.

Damascus, the oldest city in the world, is mentioned in Genesis 14:15 and was therefore standing in Abraham's time. The city owes its location to the Abana river, a mountain stream with a cold, swift, deep current, which rushes eastward into the plain which its waters have converted into a paradise. The appearance of the city from a distance is very impressive. It is now noted especially for its gold and silver embroidery and jewelry. There are several good hotels, but in order to get a hot bath in any of them notice must be given twelve hours in advance. The street cars have special compartments for veiled women. Most of the streets are crooked.

Cairo, the largest city in Africa, is the educational center of the Moslem world. The University of Cairo is one of the world's largest educational institutions and the oldest of them all. Cairo was founded in the year 640 A. D.

Mecca, the holy city of the Moslems, is located sixty miles from the Red Sea, in a blistering hot, sterile valley. The Kaaba, which contains the sacred black stone which fell from heaven (?), is opened only two or three times a year. No person not a Moslem may view it on pain of death, nor even enter the city itself.

Every Moslem is supposed to visit Mecca once. To be present at the great annual festival means that every prayer then offered counts for more than a thousand offered elsewhere! It is estimated that about 100,000 pilgrims gather at the annual fair and fete. As soon as the trading and the religious service are over, they disperse, and the city remains comparatively solitary and empty for another year.

## Earth's Fairest Cities

(Reprinted from the Seattle Union Record)

Earth's fairest cities are her foulest sores;  
 Deep scars upon a kind world's gentle breast,  
 Where dark crime reeks beneath a civil gloss.  
 Gaunt famine lurks behind wealth's ermine cloak,  
 And homicide stalks hand in hand with greed.  
 The brotherhood of man is all forgot  
 Where thousands want, or starve, too proud to beg  
 The crust denied them by a niggard hand  
 That mocks at Man's primeval dignity,  
 And makes equality a hollow sham.

Behold, across the way yon mansion rears  
 Forbidding tiers of cold gray stone, where lo!  
 At ease the lustful lords of industry.  
 Their fortunes, homes and social fabric rest  
 Upon the sad foundation of the lives

Of workers spent in building up that hoard,  
 Cemented fast with bones and blood and sweat.  
 The city stands a monument to those  
 Who craftily enslave their fellow men,  
 And watch the loot pile higher with the hours.

Beneath the velvet river of that wealth  
 A sinister and darkling current glides,  
 Bearing the hapless victims of the fight,  
 The flotsam, and the shipwrecked spars of those  
 Outwitted in the ceaseless war of greed.  
 Black crime is there, the felon and his mate,  
 The cool assassin. In the dank umbrage  
 The dope addict, the prostitute, and each  
 Poor fallen shade of God's own image crawls.  
 Earth's fairest cities are her foulest sores.

## Does Wall Street Control Belgium?

THE Belgian parliament is discussing the question as to whether or not Wall Street is in control of Belgium's internal financial policy. It is claimed that word has been received from this country that the expenses must come down. The proposition has been made by one of

the Belgian senators that every workingman in the country give one-half hour work each week to the state, the wages for that time to be turned over to the government by his employer. It is hoped in this way to raise enough money to pay the interest on another Wall Street loan.



## The World's News in Brief

### *In the Anthracite Field*

**I**N SOME places in the anthracite field this winter, men, women and children have been looking on the garbage dumps for food, as many as forty-two on one dump at one time. Soup kitchens had to be opened. Strike breakers were being brought in by the operators. The operators offered arbitration; but the miners demand a conference, pointing out that inasmuch as the operator does not arbitrate the price at which he sells his coal, it is unreasonable to compel the miner to arbitrate the price at which he will sell his labor. In the end the long-suffering public must pay a good price for the delay.

### *King Coal's Shaky Throne*

**K**ING COAL is losing his prestige. Switzerland, Austria and Italy are trying to get along without him and are making an excellent start in that direction, especially Switzerland and Austria, which are harnessing their water powers to a degree never attempted elsewhere. The effect of this is especially felt in Great Britain, which has been the coal center hitherto. But America still bows to the dusky King.

### *New Uses for Coast Guard*

**T**HE New York *World* has an interesting story which reveals the fact that a year ago, when the Rum Row syndicate was at the height of its activities, one of the rum schooners sent word that the sea was too rough for the speed boats, whereupon a Coast Guard boat obligingly went out to the schooner in the worst of the storm and landed the 300 cases of liquor which the rum schooner was anxious to put ashore. For this little job the officers of the government boat received \$1,000 each, and each member of the crew received \$240.

### *Bands of Nomadic Children*

**T**HE chief of the Children's Bureau of the United States government has drawn public attention to the fact that in the United States there are at least two bands of wandering children. One such group consists of children ranging from four to fifteen years of age and has confined its wanderings to the states from Alabama to West Virginia inclusive; while another has been covering the entire country, from

Washington state to New England and the far south.

### *New Jersey's Public Charges*

**I**N THE highly progressive and intelligent state of New Jersey six persons in every thousand are public charges. The state has fifteen public institutions, in which 11,252 inmates are housed; and in the fifty-eight county institutions there are about 8,000 more. In addition to these, there are 11,000 children under care of the board of children's guardians.

### *The Hershey Industrial School*

**O**NE hundred and seventy-seven orphans are under the wing of Mr. M. S. Hershey, the manufacturer of Hershey's chocolates; and this number is now to be increased by an additional one hundred orphans, for whose future welfare Mr Hershey has become responsible. The profits of twenty-five corporations in which he is interested are diverted to the care of these lads and to the training of them for future usefulness.

### *Militarism in the Schools*

**T**HE Committee on Militarism and Education calls attention to the fact that at the University of Delaware students who take military training receive \$250 above their expenses. Similar sums are given at Colorado Agricultural College. An allowance of \$9 per month is given at Leland Stanford University and at Colorado School of Mines. Large sums are given at Northern Georgia Agricultural College and at George Washington University. In these and other schools under the domination of the militarists the boys are taught to hate, distrust and fear Japan, Britain, and Germany and thus to have their minds poisoned toward their fellow men.

### *The Ford Steel Mills*

**I**T IS difficult to see how anybody can ever hope to compete with Henry Ford in the manufacture of cheap automobiles. His latest venture is the construction of what is probably the most perfectly designed rolling mill ever built. In this mill much of the steel used in the Ford cars will be rolled. Ford already owns two of the four largest ore boats on the great lakes.

### *American Symphony Orchestras*

**I**T SEEMS to be the concensus of opinion that the phonograph and radio are fostering public interest in good music. At present there are forty-nine symphony orchestras maintained in American cities, one of them in a city with less than 11,000 inhabitants. New York City spends large sums for free music in the parks. Denver maintains a training school for players.

### *Flags of American Cities*

**T**HE York, Pennsylvania, flag bears the white rose of the English house of York. New York City's blue, white and orange stripes are derived from the ancient Dutch West India Company. Rochester's flag has three vertical stripes: Blue for the city's water and electric power, white for its cleanliness, and gold to represent its financial stability.

### *Doctor Butler's Opinion*

**D**R. NICHOLAS MURRAY BUTLER, president of Columbia University, in his annual report to the trustees of the institution declared:

If the full truth were said it would probably be that the greatest obstacle at present to religious faith, religious conviction and religious worship is the attitude and influence of a very large proportion of the poorly endowed and poorly educated Protestant clergy. The religion of modern man will not long survive if fed on the husk alone.

### *Cause of the Crime Wave*

**D**R. E. MORGAN ISAAO, Pastor of the Congregational Church of Eagle Rock, California, gives some food for thought in an article in *The Sentinel* of his city when he says:

During more than four years of the World War, the Church rolled up its sleeves, and went into the business of training men to kill and hate; and today we wonder that a crime wave is said to be in the land. Have we not learned that the universe is psychic, that thoughts are things, that the sowing of murder thoughts and hate thoughts will inevitably bring its harvest? If we did not know it, we ought to know it now.

### *Lawyers Must Study Constitution*

**T**HE American Bar Association desires that every state should require a knowledge of the United States Constitution as a preliminary requirement for admission to the bar. Not a bad idea. It might even be extended to those

already practising, and even to some of those on the bench of the United States Supreme Court; for it is certainly evident that that ancient and highly respected document never anticipated that one or many members of that august body should be able to make decisions that would overrule the will of the people as expressed by their legislators in the national congress.

### *United States Navy Airplanes*

**A**MERICAN warships of every type are now equipped with airplanes. The airplanes are launched by catapults, which enables them to be sent out at any time and in any direction without changing the vessel's course. Two giant airplane-carriers, the "Lexington" and the "Saratoga", are nearing completion. These vessels of 33,000 tons each are designed to make not less than forty miles an hour. Each carries a battery of eight eight-inch guns and an equipment of seventy-two airplanes, including heavy bombers and torpedo planes.

### *Visé Fees to Be Dropped*

**I**T IS good news to the traveling public that the passport fees which have made traveling in foreign countries such a nuisance are about to be suppressed. This war measure has hung on for years after it has ceased to be anything but a bother to everybody, and it is good news to learn that fourteen governments have agreed to part with it.

### *Deer and Bears in Pennsylvania*

**F**ROM six to eight thousand deer are killed in Pennsylvania each year during the big game season, which ends December 15th. In the same period the number of bears killed ranges from 500 to 1,000. The bears usually weigh about 200 lbs., but some of them weigh as much as 600. The deer weigh about 150 lbs. Ten elk were killed in Pennsylvania last year.

### *Seven Hundred Seminoles Survive*

**S**EVEN hundred Seminoles in Florida survive all efforts of the white man to kill them off or to starve them out. These are the survivors of the men that once roamed throughout the area which now represents the greatest real estate boom ever known in the world. But the end of the Seminoles approaches. Their hiding place

has been the four thousand square miles of Everglade swamps, where amid primeval forests, lagoons and alligators they have managed to eke out a living. The draining of the Everglades proceeds apace. Railroads are bisecting it. White men are encroaching upon it. The end of the Seminole is at hand.

### *Miami Has Forty Thousand Campers*

IT IS claimed that in the city and suburbs of Miami, Florida, there are at the present time about forty thousand campers, while in the state at large there are close to six hundred thousand. The authorities are grappling desperately and with large efficiency with the problem of what to do with the great army from the North that has invaded the state. The fact that everybody lives in the open air tends to the general good health which prevails.

### *Increased Efficiency of Railroads*

CAR shortages, once common, have now practically disappeared. Since 1921 the average weekly car loadings have increased 42 percent, the miles per car per day 20 percent, and the average trainload has increased from 656 to 731 tons.

### *Degrees Cost \$200 to \$300*

IN THE Kansas City College of Medicine and Surgery it costs \$200 to get a degree of M. D., and up to \$300 to become a D. D., so explains the *Kansas City Journal Post*. It seems that these honorary degrees entitle their bearers to appear for examination before the eclectic examining boards of Arkansas and Connecticut. The claim is made that some of these artificially made Doctors of Medicine and of Divinity are no worse in practice or in fact than those who have been favored with these titles by means that are considered more legitimate.

### *Richmond's Medical Scale*

HEREAFTER Richmond, Virginia, doctors have agreed to charge \$2 for all office calls, \$3 for visits at homes between 8 a. m. and 6.00 p. m., \$5 for visits at homes between 6.00 p. m. and 11 p. m., and \$10 for visits between 11 p. m. and 8 a. m. Any physician who departs from the schedule will cease to be in good and regular standing as a member of the Richmond Academy of Medicine and Surgery.

### *Rabbi Wise and Zionism*

AT THE recent Baltimore Jewish Conference Rabbi Stephen S. Wise said in part.

We have lifted Palestine beyond and above the reach of controversy. Controversy, debate, dispute may never again touch Palestine as the essential, overshadowing factor of the Jewish question. Jewish questions there are many. Jewish questions will or may continue to be. Palestine has ceased to be a Jewish question. Palestine is not a Jewish question. It is the Jewish answer.

### *Potato-Growing in 1925*

IN THE year 1925 all the potato-growing states had a pronounced falling off in production, with the single exception of Pennsylvania, which in 1925 stood next to Maine in the size of its potato crop. The weather was unfavorable in all the northern states—Maine, New York, Minnesota, Michigan and Wisconsin—where the bulk of the crop is grown. The 1925 yield in Pennsylvania is the more noteworthy because the acreage was actually less than the year before, while the crop was almost exactly the same. The shortage this season has been so great that potatoes have been shipped into the Philadelphia market from North Dakota, Nebraska, Idaho and even Washington.

### *The Busy Life of the Bee*

THE life of the average bee is thirty-five days. At the age of three to ten days she becomes a nurse's helper, at two weeks she becomes a sentry, and about the twentieth day of her life she begins her final task of going out to gather honey. Bees communicate with one another by a system of special dances. Mature bees can render any duty required in the hive.

### *Canada's New Wheat-Field*

CANADA has added a new wheat-field eight hundred miles long by two hundred and fifty miles wide, all as a result of the work of scientists in perfecting or developing the Garnet wheat, which matures in 100 days from planting. Canada is already one of the principal granaries of the world, and will augment greatly its importance. Canada is larger in area than the United States and is believed to have greater resources than any European country outside of Russia. A logical step in the development of the country would be the construction of a railway all the way through to the

polar basin. This would solve the problems of Arctic exploration in short order, and would probably pay for itself in the mineral wealth uncovered.

### *Conditions in Porto Rico*

**T**HIRTEEN thousand Porto Ricans have presented a petition to President Coolidge alleging that because of payments of heavy dividends to stockholders in the United States and Europe there is not sufficient revenue left to properly administer the country, with the result that thousands of children die annually from anemia, tuberculosis, malaria, and other diseases of malnutrition, while 50,000 children are deprived of education. The petition cites that four-fifths of the population are without permanent employment, that wages are meagre and living costs high. They wish a congressional investigation, and a more direct union with the United States.

### *Oil Boom in Venezuela*

**O**NE of the latest and healthiest oil booms is that in Venezuela, where a single well is pouring out a thousand barrels a day and the total production of the district for the year 1925 is estimated at twenty million barrels. The drillers, mostly Americans, are said to consider this one of the richest fields in their world-wide experience.

### *Argentina Down on Militarism*

**A**RGININA has formally declined to allow the Boy Scout Movement to organize troops in the public schools of Buenos Aires, on the ground that the influence on the younger generation is harmful because of the militaristic tendencies. The committee's report states that an organization of a military character is not in accordance with the fundamental principles of Argentina's educational ideals. Argentina has given peace-lovers something to think about.

### *An Unpleasant Brazilian Habit*

**O**NE tribe of Brazilian Indians has an unpleasant habit of discouraging the entrance of any white man into his territory. His only weapon is a club like a policeman's billy; but he is so expert in throwing this club, and its weight is so considerable, that he can break a man's leg at a distance of a hundred yards.

Subsequently he finishes him, and eats him at his convenience.

### *London and Back in Three Minutes*

**T**HE First National Bank of Boston on one occasion during the summer of 1925 sent a foreign exchange message to London. On arrival in London the message was decoded and acted upon, and the reply was received in Boston, within three minutes from the time the original message was sent. This is a new world's record, the previous record being eight minutes.

### *British Appreciation of Queen Alexandra*

**I**N THE nine hours in which the body of the late Queen Alexandra lay in Westminster Abbey it is estimated that one hundred thousand persons passed the coffin. At times the queue was a mile long. On account of the fact that the day was bitterly cold, with a heavy snow falling, scores of persons collapsed and had to be medically treated. The queue was four deep; and although the people stamped and huddled together for warmth, yet it was noteworthy that all were silent, except for an occasional remark in a whisper. It is stated that four-fifths of the queue were young girls.

### *English Unemployment Benefit System*

**T**HE English unemployment benefit system, improperly referred to as the dole system, is a system of unemployment insurance to which employes, employers and the government each contribute a certain share weekly, the larger portion coming from the worker himself. It is grossly unfair to speak of or think of these unemployment benefits as charity. Any social system which does not take care of those who would work but cannot get the work to do is essentially selfish, unjust and unreasonable.

### *Britain's Declining Birth Rate*

**F**EWER babies were born in England and Wales last year than in any previous year on record, excepting the war period of 1917 to 1919. Since 1920 the birth rate has shown a continuous decrease. Last year it was 18.8 per 1,000 persons living. The long-continued unemployment and business depression is the outstanding reason for the decline.

### ***Child Gamblers in England***

A MAN and his wife were fined fifty pounds in a London police court recently for maintaining a gambling house where girls were taught to bet on the races. Sixty-two girls under thirteen years of age entered the premises within a few days. On examining the establishment the police found a series of account books with the children, showing bets on the races.

### ***Fifty Passengers a Day***

AN AVERAGE of fifty passengers a day make the flight between London and Paris. The cars have fourteen seats, a kitchen and a lavatory in the rear, with running water. About three tons of freight are carried each way, consisting of an almost inconceivable variety of articles. There are life belts over the heads of the passengers, so that if the plane falls into the sea they may not drown. Cotton is provided for stuffing the ears.

### ***The Cadaver War Lie Disowned***

PRESSED in many quarters by honest and decent men, the British government has come out openly at last and admitted that there was never any foundation for the fable, widely spread through all England during the days of the war insanity, that the Germans were boiling down the corpses of their soldiers in order to recover the fat. It was a contemptible piece of business all around, and only one of the contemptible lies widely circulated to craze and infuriate decent people against people elsewhere every whit as decent as themselves. Gradually the world is coming to acknowledge its wartime madness, even as Bible Students recognized it all the while.

### ***Money Enslaving the World***

IN THE French Chamber the other day one of the deputies made the statement that "the United States is slowly but surely reducing the rest of the world to a state of financial slavery". The deputy who made the statement is a communist and not generally taken seriously, but it is an ominous fact that when he made this statement he was cheered by all parties. The still more ominous fact is that the deputy told the truth, a truth which is very apparent in America itself and which is becoming increasingly so every day.

### ***Woman Lawyers in France***

ACCORDING to the New York *Times* there are now one hundred and thirty-seven women actively engaged in the practice of law at the French bar. The law which permits them to practise was adopted twenty-five years ago. Many of them are said to be very successful.

### ***A United States of Europe***

IN A statement to the London *Daily News* M. Briand, commenting on the Locarno peace pact made the statement, "Although my life is already advanced, I firmly hope to see realized the United States of Europe; and that great day will repay me for the pains I have taken to contribute my stone to the structure." It is expected that the Nobel peace prize for 1925 will be awarded to M. Briand.

### ***Denatured Fascism à la Millerand***

M. MILLERAND, ex-President of the French Republic, has been trying to start Fascism in France. He has gathered about him a few young royalists of the snobocracy. They have marched around in blue shirts (not black ones) and made some fiery speeches, trying to calm the feelings of the people by assuring them that the French brand of Fascism would differ from the Italian. The French have taken it all as a good joke and are ridiculing the whole thing to its death.

### ***Outbreaks of Fascism in England***

THERE have been some preliminary outbreaks of Fascism in England. A van containing eight thousand copies of the London *Daily Herald* was seized by a band of Fascisti, one of whom was armed with an automatic revolver. Labor meetings have been broken up. Free speech has been prevented. The will to have a British dictatorship is present in certain quarters, but things that could be done in Italy could never be done in England. The people are different.

### ***Hungary Goes in for Fascism***

THE New York *Times* tells us that the party styled the Awakening Hungarians, which is the principal lawless element of Hungary, has decided to go in for Fascism, taking the Italian Fascismo for an example. Uniforms

have been adopted like those of the Italians. The emblem is a long-handled battle-axe, unburdened with the lictors' rods of the Romans.

### *Vienna in Better Shape*

**V**IENNA is in better shape than at any time since the war. The government has shown a considerable surplus, savings deposits have increased, food has been abundant, coal imports have been kept down to one-fourth previous requirements, taxes on some luxuries have been reduced, and a great electric development has taken place.

### *Fascist Bravery in Florence*

**T**HE Manchester *Guardian* gives some details of Fascist bravery in Florence. At midnight the force placed a ladder so that they climbed into the bedroom of a man who had lost his right arm in the World War and was decorated for military valor. They shot and killed him unarmed, in the presence of his wife, stole 30,000 lire which he had in the house, and wound up by sacking the whole house. This man, Pilati, was supposed to be a Socialist and therefore a fit object for Fascist wrath.

### *Mussolini Seizes the Schools*

**M**USSOLINI, by seizing the schools of Italy, has done the logical thing. Having destroyed the liberties of the Italian people, turned the king into an automaton and the parliament into a jack-in-the-box, wiped out the labor unions, the Masons and the newspapers, the next reasonable and natural thing for him to do is to make sure that the rising generation shall not use their own brains but think only those thoughts that Mussolini wishes them to think. Religion should logically follow.

### *When Mussolini was Ready for War*

**T**HE Seattle *Union Record* calls attention to the fact that one day the American government knocked seventy-five percent off the Italian war debt, the next day Morgan and company loaned Mussolini's government \$100,000,000 and the third morning Mussolini said that he was ready for war. He may get it yet, and may discover what it means to have the 25,000,000 trade union members of the world definitely aligned against him, as they are certain

to be. Indeed, they have already served formal notice on him that his suppression of Italian trades unions was a violation of the Versailles treaty, the League of Nation's covenant, and the Washington labor agreement. Italian patriots are threatening that when the Mussolini reign of anarchy is over and the country is once again in possession of its citizens they intend to see to it that the Morgan loan is outlawed because loaned to an outlaw who has openly boasted of his illegal rule of the country.

### *Child Catchers in Russia*

**I**N THE effort to cut down the number of homeless child criminals in Russia the Soviet government is now scouring the railway stations of the country, picking up many of the child offenders who gather there. It is stated that there are 69,000 of these in the Caucasus alone. They have become adepts in crime. No store of goods is safe. Many of them are murderers. They are the result of the World War. They refuse to be caught, and must be driven into the government institutions at the point of the gun.

### *Soviet Government Rebuked for Severity*

**T**HE International Committee for Political Prisoners, composed wholly of friends of the Soviet government, has addressed a memorandum to that government in which it says in part:

We venture to point out that the present attitude of the Soviet Government to its political opponents and its severity in dealing with offenses of opinion necessarily alienate large and influential sections of public opinion in the labor and liberal movements throughout the world.

### *One Thousand Lost Soldiers Found*

**I**N THE year 1916 one thousand Hungarian soldiers were captured by the Russians and sent to Siberia. With the advent of the Russian revolution they were given their liberty and four hundred thousand acres of land. They married Russian, Tartar, Mongol and Chinese women and settled down. They retain their own language. One of these soldiers has just returned to Hungary; and for the first time the Hungarian people have learned that the men supposedly dead are alive, well, prosperous and carving out for themselves a new civilization in their far eastern and northern home.



## Some Properties of Radio Waves *By Ralph H. Leffler*

**L**IGHT rays and radio waves in general obey the same natural laws. That is, just as a ray of light can be projected through space, reflected, refracted, absorbed, polarized, so radio waves can be propagated likewise.

It is the purpose of this article to discuss briefly some of these peculiar properties of radio waves and note some of the possible causes for the variation in the intensity of the received signal at different points of reception, though these may be at equal distances from the transmitting station but in different directions.

First of all, consider the antenna at a transmitting station. This antenna is elevated in space and is connected through the transmitting machine directly to earth, or to its equivalent, a counterpoise. The transmitting machine sets up in this antenna an alternating current which oscillates at a very high frequency between the antenna and earth. The frequency of this oscillating current determines the wave length of that particular station.

Now, when this antenna is charged by such an oscillating current, it sets up in the surrounding region two primary fields, one an electrostatic and the other an electromagnetic field, which radiate out into space in all directions.

These two fields, when near to the antenna, are in space quadrature and out of time phase. That is, one field, the electromagnetic, exists in a horizontal plane about the antenna as centered; while the other, the electrostatic exists in a vertical plane from antenna to earth. These two fields are thus displaced  $90^\circ$  in space. They are out of time phase in the sense that during an instant when one field has its maximum value the other will be at its minimum value, and corresponding instantaneous values will have the same phase relationship throughout an entire period.

Such conditions exist near the antenna only. At a distance the relationship is entirely different. The two fields approach each other in time phase while their relative positions in space change greatly, depending upon the nature of the space traveled over.

The kind of soil, the mineral content of the earth, the proportion of land to water, the contour of the earth's surface, the state of earth's magnetic field, the temperature and humidity of the atmosphere, and even the time of

day and season of year all greatly influence the relationship and character of these radiated fields or waves.

Additionally, the local surroundings of the receiving station have a marked effect. For instance, a receiving station located in a large city surrounded with steel structures of all kinds will experience an entirely different result in reception than will one located on the top of a hill in the open country.

To simplify the situation and to aid our conception of the nature of propagation of radio waves through space let only one radiated field be considered, say the electrostatic, the one which exists about the antenna in a vertical plane. Also let this electrostatic field be considered to exist in lines of force extending as meridians from the antenna to earth and traveling away from it at the speed of light, namely, 186,000 miles per second. Now let it be considered that at any particular point away from the antenna these vertical lines of force are constantly changing in value at a rate depending upon the frequency of the radiated wave. With this picture in mind, let us see what are some of the possible variations in the shape of the electrostatic field as it moves across the earth's surface.

As these lines of force travel away from the antenna they no longer maintain their vertical position but instead incline themselves in such a way that they lean away from the vertical, the inclination being such that the top portion of the wave is farther away from the transmitter than the lower portion next to the earth. This inclination is caused by the absorption or drag effect of trees, vegetation, hills, mountains, etc., upon the lower portion of the wave. The portion of the wave next to the earth's surface thus lags behind the portion in the upper atmosphere.

### *Poor Reception Accounted For*

**S**HOULD this inclination of the lines of force be to such an extent that they become nearly horizontal to the earth's surface, it is seen that a receiving station located in such a region relative to the transmitting station could not hear that station very well. Especially will this be true if the receiving station uses an antenna which is relatively long with respect to its height. Should the receiving station be using



a loop or a relatively high vertical antenna, the station could then be heard very well.

The same causes which act to shift these lines of force out of a vertical position in a direction away from the transmitting station will also cause them to be inclined in a direction transverse to the plane of propagation or in any intermediate position. The direction these waves are shifted depends entirely upon the angular relationship between the wave and the obstructing medium.

What has been said regarding the electrostatic field can also be said about the electromagnetic field. Both fields can be shifted out of their true positions, either in a direction towards each other or in a direction in opposition to each other, depending upon the nature of the obstruction and its angular position with respect to the wave.

It is possible for the two fields to be so shifted that they will be 180° out of phase, or in opposition to each other. It would be impossible for a receiving set in such a region to hear the transmitting station. Again, in other regions these two fields can be so shifted that they will be in phase with each other, in which case the transmitting station could be heard exceptionally well.

In a preceding paragraph an absorption effect was noted. An instance is called to mind where this effect was particularly noticeable. A certain broadcasting station was using a comparatively short wave in the broadcasting band. When on the air but a few weeks it was soon learned that the station was not reaching out well to a distance.

Investigation disclosed the fact that in the immediate neighborhood of the station there were many tall buildings having steel framework which had a natural period of oscillation, or were "tuned" to approximately the same wave as the station was using. This of course caused much of the radiated energy to be absorbed and thus a diminution of the wave at a distance. This station later changed its wave to a higher value. It was then soon learned that the station was "getting out" much better, even though using the same amount of power. At a receiving station the same kind of absorption by steel structures and wires can take place to a marked extent.

Again, this electrostatic field radiated from a transmitter can suffer another effect due to re-

flection. Just as a beam of light can be made to impinge upon a mirror and its direction of travel thus changed, so radio waves can be reflected by objects in their plane of propagation. A mountain containing large deposits of metallic ores will cause a great change in the direction of travel of radio waves.

Likewise, a long coast line between the salt water of an ocean and the dry land of a continent will reflect the radiated wave to an extent depending upon the relative position of the transmitting station to the coast line and the direction the wave is traveling. Radio Compass stations along such coast lines regularly make corrections in their readings due to this effect.

### *The Heaviside Reflector*

ANOTHER example of reflection is that due to the so-called Heaviside layer in the upper atmosphere surrounding the earth. At an altitude variously estimated to be from 75 to 200 kilometers above the earth there is supposed to exist a heavily ionized or conducting ring around the earth known as the Heaviside layer. This layer behaves much the same with respect to radio waves as a concave mirror surrounding the earth would to light waves. Some of the energy radiated upward from a transmitting antenna impinges upon this reflecting medium at an angle causing it to be reflected downward again, or even to be refracted and polarized as light would when reflected from a mirror. This reflected wave can then be heard by a receiving station located a great distance away while other receivers located much nearer the transmitter would be totally deaf, because beyond the range of this reflected wave.

These phenomena of reflection, refraction, absorption and polarization depend greatly upon the frequency of the radiated wave, or in other words, upon the wave length. As a general thing, the higher the frequency, or the shorter the wave length, the more pronounced will these effects be.

Instances are on record where small, low-powered transmitting stations working on a wave length of forty meters or less, have been heard on the opposite side of the earth. Other transmitters using waves several thousand meters long required hundreds of kilowatts to cover the same distance.

The only explanation for this phenomenon at

present is that the small station radiated a high angle, high frequency, energy component which was reflected by the Heaviside layer and thus lost little energy by absorption which otherwise would have taken place had the waves traveled on the earth's surface.

### Holes in the "Ether"

RADIO waves encounter another peculiar effect. Aviators occasionally report having encountered "holes" while flying through the air. That is, under certain atmospheric conditions voids or regions of partial vacua are created in the atmosphere. These give the airplanes a sensation similar to driving over a bumpy road, due to the plane dropping a distance each time a void is encountered.

Likewise, some such condition seems to exist in the "ether", or in whatever the medium is for the propagation of electric waves. There are regions in the United States and elsewhere, where radio waves cannot penetrate, regardless of the power or wave length used. In these regions or voids, either the medium that carries

the waves is absent or else there exists some sort of neutralizing effect which as yet cannot be explained.

As the new day dawns no doubt the infant prodigy, radio, will grow to maturity and perform many hitherto unknown services for the good of mankind. Today it is used largely as a means of communication and entertainment. Tomorrow, people will not merely talk to their neighbors a thousand or more miles away, but they will be able to see each other by radio while they converse. Success has already been attained in crude experiments along this line, both still and moving pictures having been transmitted by radio.

Today radio can be used to control airplanes, vehicles, steamships or submarines at a distance, without a man aboard. Tomorrow it not only will do that but will furnish the motive power as well. As the world continues to enter upon the new day more and more will the peoples of earth rejoice and be glad for the power and majesty of their Great King, who has provided this and all the other means for their comfort and use.

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## The Magellanic Clouds *By J. L. Bolling*

SOME months ago the Harvard Observatory issued in quick succession three circulars on the Magellanic Clouds, from which we glean the following interesting and awe-inspiring facts:

These mysterious, shining clouds, seen in the South Seas by the first circumnavigators of the globe, are really universes within themselves, so vast in extent that they stagger the strongest imagination. In fact, it is impossible for the human mind to gain anything but a slight apprehension of their magnitude and magnificence.

Early explorers told thrilling stories of these luminous clouds which can be seen in a dark quarter of the heavens, giving the impression that they are fragments thrown off the Galaxy. Nearby is the Southern Cross, which swings around the South Pole—a real cross, of blazing effulgence. Does not this represent and remind us of the Cross of Christ?

An Arabian astronomer named these clouds "The White Ox" about the middle of the tenth

century. Herschel made a careful study of them on the Cape of Good Hope, but in recent years only has considerable been learned concerning them. Photography has been a great aid in this work, of course, which was not known in Herschel's time. Both clouds are oval in shape.

The larger cloud is six or seven degrees across, and is said to cover about forty square degrees of sky. The smaller cloud is about three degrees across, and covers about ten square degrees of sky. To the naked, unaided eye they present a nebulous appearance.

Thirty-one kiloparsecs is given as the distance of the Small Cloud from the earth. A parsec is nineteen trillion miles. A thousand parsecs made one kiloparsec; hence, thirty-one kiloparsecs give us the astounding figure of 589 quadrillion miles, or more than six thousand times the distance from the earth to the sun.

Think of traveling to this universe. You start, and cover the some 94,000,000 miles to the sun, and repeat this six thousand times in

the course of your journey! Going at the incredible speed of 94,000,000 miles a year, it would require the length of time since Adam to complete the journey!

Illustrations for the purpose of conveying to the finite mind anything like an adequate comprehension of such distances are weak and mean nothing. We simply cannot grasp it, although the faint apprehension of it gained by meditation is sufficient to give us a thrill of awe and reverence for the Almighty.

This small cloud is two kiloparsecs in diameter, or fifty times the distance from our planet to the Hyades, or 38,000 trillion miles in diameter. It is composed of a vast host of stars. Among its multitudes, running well up into hundreds of thousands, there are some 300 suns, each one of which is fifty thousand times brighter and more glorious than our effulgent orb of day.

Moreover, we find in this universe about two hundred and sixty thousand stars, many of them being at least a hundred times brighter than our sun. The 300 suns referred to are the brightest objects yet found by astronomers.

### *Celestial Glory*

THE Bible says that the church, when glorified in the first resurrection, and clothed with the divine nature, immortality, will shine like the sun. Daniel speaks of this wise class, who through voluntary obedience and sacrifice of their human life and its rights and privileges, win the promised reward, and will shine "like the firmament". Explosions of incandescent gas on the sun's surface throw the flames of indescribable brilliancy to a height of 50,000 miles; and the glory of the church in the presence of Jehovah is likened unto this effulgent spectacle! Now this is a natural illustration, and it is not a Scriptural supposition that the glory of any natural phenomena could equal the celestial glory.

Paul affirms this when he says: "There are also celestial bodies, and bodies terrestrial: but the glory of the celestial is one, and the glory of the terrestrial is another"—inferior. The thought here is that there is a vast difference between the earthly glory and heavenly glory, and this applies to both person and environment.

The surroundings in heaven are indescribably grand, insomuch that the Bible makes no

attempt to describe them. And the same is true with reference to the glory and grandeur of personality of heavenly beings. "It doth not yet appear what we shall be" when changed and "clothed upon" when "immortality is swallowed up of life". But we shall be like Jesus—not the Man Jesus, but the Divine Jesus.

Now the thought we are trying to express is this: Since the most glorious of natural phenomena is inferior to the heavenly, we could with perfect propriety and reason suppose that the glory of the church will be vastly grander than any glory on the natural plane, in the natural worlds and suns.

Our Lord merely selected the sun as an illustration, because it is the most luminous object in the heavens by reason of its close proximity to us; that is, it is the brightest thing within range of natural sight because of its closeness. If He had used the Magellanic Clouds as an illustration, His disciples would not have appreciated it; but we can suppose that the glory of the church will far excel that of these clouds.

In other words, the combined brilliancy and glory of the 300 suns mentioned, each of which is fifty thousand times brighter than our sun, will pale before the brightness of God's glory expressed in the church, the 144,000 men and women who make their calling and election sure to a place in the heavenly kingdom.

So wonderful is heaven and its beings that when Nicodemus asked for information regarding it, our Lord refused to attempt any description, knowing that the natural mind cannot understand it. The spirit-begotten see it merely "through a glass darkly", but what they see overawes them and heartens them to a continued effort in the race for the prize.

### *Saul's Glimpse of Glory*

ONE can gaze at the sun when at its zenith in a cloudless sky, without any permanent injury to the eyes, provided the gaze is not too prolonged. The result will be, however, that the eyes will fill with tears and the sight will be temporarily darkened. But it is inadvisable and useless to attempt this, and we merely give it for the sake of comparison.

When Saul of Tarsus was struck down by the glory of the Lord while en route to Damascus, he tells us that "suddenly there shined round about him a light from heaven: and he fell to

the earth, and heard a voice saying unto him, Saul, Saul, why persecutest thou me? . . . I am Jesus, whom thou persecutest: . . . And he trembling and astonished said, Lord, what wilt thou have me to do?" And the Lord instructed him what to do. "And the men which journeyed with him stood speechless, hearing a voice, but seeing no man. And Saul arose from the earth; and when his eyes were opened, *he saw no man*: but they led him by the hand, and brought him into Damascus. And he was three days without sight, and neither did eat nor drink." (Acts 9:3-9) His sight was partially restored by a miracle. We say partially, because the Bible intimates that his eyes were weak afterwards.

When Paul was rebuked for denouncing "God's high priest", he replied, "I wist not, brethren, that he was the high priest." Yet he was standing very near the high priest, whose attire would indicate his office. This proves conclusively that Paul was partially blind. Later he "perceived", after being in the midst of the assembly for some time, "that the one part were Sadducees, and the other Pharisees," and took advantage of this knowledge to create a division between them. This further confirms the fact of his semi-blindness caused by a glimpse of Christ Jesus.—Acts 23:1-10.

In Acts 22:6-11 and 26:12-19 are two more accounts of the same experience. Note the expressions: "I saw in the way a light from heaven, above the brightness of the sun, shining

round about me"; and "I could not see for the glory of that light".—Acts 26:13; 22:11.

### *Majesty and Power*

**T**HUS we see, and are enabled to contrast the difference between natural and supernatural brightness and glory. Paul simply caught a fleeting glimpse of the Lord as He is since God glorified Him, "the King eternal, immortal, invisible," whom no man hath seen or can see. We also see in this the majesty of God's power: He took our Lord Jesus when in oblivion, non-existent, and brought Him out of this state!

Referring to this, the greatest creative act of Jehovah, the apostle speaks of "the exceeding greatness of his power to us-ward who believe, according to the working of his mighty power, which he wrought in Christ, when he raised him from the dead" and exalted Him "far above all principality, and power, and might, and dominion, and every name that is named, not only in this world, but also in that which is to come". (Ephesians 1:19-21) The same power is now operative in changing and glorifying the church.

This is one of those sublime passages which cannot be read and thought upon too often. The Being who can bring one out of nothing, so that he will know and recognize himself as the same identical being who passed into death, is worthy in every sense of the worship and adoration of all created intelligences.

## **Do You Know?**

*By U. S. Postal Dept.*

THAT 21,000,000 letters went to the Dead Letter Office last year?

THAT 803,000 parcels did likewise?

THAT 100,000 letters go into the mail yearly in perfectly blank envelopes?

THAT \$55,000.00 in cash is removed annually from misdirected envelopes?

That \$12,000.00 in postage stamps is found in similar fashion?

THAT \$3,000,000.00 in checks, drafts and money orders never reach intended owners?

THAT Uncle Sam collects \$92,000.00 a year in postage for the return of mail sent to the Dead Letter Office?

THAT it costs Uncle Sam \$1,740,000 yearly to look up addresses on misdirected mail?

THAT 200,000,000 letters are given this service, and—

THAT it costs in one city alone \$500.00 daily?

### **AND DO YOU KNOW?**

THAT this vast sum could be saved and the Dead Letter Office abolished if each piece of mail carried a return address, and if each parcel were wrapped in stout paper and tied with strong cord?

MORAL: Every man knows his own address if not that of his correspondent.

**PUT IT IN THE UPPER LEFT HAND CORNER!**

# Why China is in Ferment

(From the American Federation of Labor News Letter)

**T**HE present crisis in China, so fraught with the gravest consequences to the peace of the world, has its immediate cause in the shooting of a number of unarmed students by foreign police, in Shanghai on May 30.

This statement is made by the commission on church and race relations of the Federal Council of the Churches of Christ in America.

The churchmen say that Chinese laborers were employed by Japanese mill owners, and the former demanded better treatment, "especially for the women workers."

During a strike demonstration a Japanese employer fired into the crowd and killed a Chinese worker.

"A number of the Chinese laborers were arrested by the foreign police and sentenced by the Shanghai mixed court for damage done to machinery and for violence. Nothing was done, however, either by the police or by the court concerning the Chinese who had been killed. A memorial service was held for the dead man and a number of Chinese students participated in it, as well as in the preceding strike activities. The meeting was broken up by the foreign police, who also arrested six students."

As a protest, students and workers came to the police station and demanded that justice be done and insisted that the students who were held in jail be released.

"The British officer shouted to the crowd to disperse. According to his own testimony he

gave the order in English, and a few seconds afterward gave an order to shoot. Four students were killed outright and a large number wounded, five of these dying of their wounds later. Some schools and colleges in Shanghai were closed. Searches were made of Chinese households. Shooting, even with machine guns, was carried on by the police in some parts of the city, and more Chinese were killed and wounded. Throughout the period, not a single foreign police officer was killed or seriously wounded."

The churchmen quote numerous witnesses who blame the foreign police for the murderous affair. The diplomatic corps in Peking sent a delegation of six to Shanghai to investigate the incident, but the result has not been made public.

"According to report," the churchmen say, "they placed the blame upon the British police and the administrators of the foreign settlement."

"A most unjustifiable phase of the whole affair is that to this day, no authoritative investigation has been made public by the foreign nations and no apology offered. Fuel was added by the shooting of Chinese by foreign troops at Hankow and Canton."

The murders have developed a nation-wide boycott by the Chinese against alien domination in general and against British and Japanese business in particular. It is stated that the boycott has resulted in British losses of approximately \$1,000,000 a day.

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## A Wise Texas Judge

**W**ITH a view to helping the oil men of this state keep out of litigation and therefore out of trouble, delay and ruin, Judge Charles H. Jenkins, former Justice of the Court of Civil Appeals of Austin, Texas, proposed the following paragraphs which have actually been inserted in some of the oil contracts now in use in that state:

The essence of this contract is the development for oil and gas on the properties herein conveyed, and the carrying out of the obligations to the original Lessor, which Lessee in good faith agrees to do, and the submission to a Board of Arbitration of all questions in dispute.

For the purpose of avoiding the necessity of preparing a long and specifically detailed contract as to the duties of the parties hereto it is specifically agreed that as equity and justice are the aims herein sought, to be accomplished by the reasonable development of the property herein conveyed, so that Lessor herein as well as the original landowner may receive the royalties from oil or gas to which each of them are justly entitled, it is hereby agreed that an Arbitration Board herein provided for, shall be the sole judge as to what shall constitute reasonable development, and as to all other questions of fact, and such decision shall be read into this contract, and be as binding on the parties hereto as if written herein at the time of signing.

In the event any difference arises between the parties hereto as to the obligations each to the other, it is agreed that both parties shall sign a written request to the County or District Judge of Bexar County, Texas, or to some other person to be agreed upon, and if no such person can be agreed upon, then the County Judge, and if he fails or refuses to act, then any District Judge, shall select nine (9) men of intelligence and well known high moral character from a list of thirty (30) men who shall be furnished by said contestants. Each contestant may furnish to the Judge the names of fifteen (15) intelligent business men of high moral character, and from the list of thirty (30) names so furnished the Judge shall select nine (9) men, a list of whose names shall be furnished to the contestants. Each contestant may strike out three (3) names, and the first three men whose names appear unstricken on said list shall be the arbitrators, who shall decide the points then at issue.

Each contestant must sign an agreement each with the other not to communicate in any way, either directly or indirectly, with any arbitrator except when in session, and both contestants or their representative is present.

Each contestant shall state his own case in person or by his personal representative, and may present as many as 10 witnesses in substantiation of his case; each contestant shall bear the expense of his own witnesses.

No lawyer shall be permitted to be present at any session of the arbitrators, nor to participate in any way in the settlement, nor shall any arbitrator confer with any lawyer as to the legality or illegality of the questions that may be involved, such questions being left with the contestants.

The decision of the Arbitrators shall be in writing,

and a copy shall be delivered to each contestant. From the verdict of the Arbitrators there shall be no appeals.

No one who is a lawyer, or who has ever studied law, or who is holding any public office shall be eligible as an arbitrator; thus eliminating technicalities and legal phases. Time and money will thus be saved to both parties.

As a strict matter of justice to each party, a rehearing may be had at any time within fifteen (15) days after the written decision of the Arbitration Board has been delivered, provided entirely new evidence is introduced, but such evidence must be submitted to the same Arbitration Board.

Each of the contestants agrees to submit their differences to an Arbitration Board as herein provided, and to abide by the decision of such Board as rendered, and a refusal on the part of either contestant to so submit or to abide will be an admission on the part of such contestant that he is wholly in the wrong, and acknowledged damages to his contestee in the sum of \$5000.00 as punitive damages, which he hereby agrees to pay within thirty (30) days after refusal to submit or to abide by the action of said Arbitration Board, as the case may be.

The contestants shall share equally the expense of the Arbitration, but if it appears to either contestant that the questions submitted are more for the purpose of harassment and expense than to settle questions of equity and justice as between man and man, then either contestant may ask the Arbitration Board to assess the cost to the losing party. Each arbitrator shall be entitled to \$15.00 per day or for any fraction of more than one-half ( $\frac{1}{2}$ ) day, time to apply only for time actually engaged, but not to run during the time any question may be held under advisement.

## Going Without Breakfast *By M. Chamberlin*

I HAVE been thinking quite a little about a recent article on foods, where the writer advises his readers to go without breakfast. That advice is good for some, but bad for others. I have heard that quite a few of the traveling speakers go without breakfast; and I can well understand, that with so little exercise and with a bountiful table set before them almost daily, they do not feel the need of three meals a day. Under those conditions I would require but very light meals; but if I went without any I would rather go without the evening meal.

I do not think that we can lay down hard and fast rules on diet; each one must fit things in to suit his or her own case. When I was a child my daily morning meal was far too light—just

bread and marmalade or buttered toast, dinner at noon, and a light evening meal of just bread and butter, and sometimes a piece of cake. When for a season I was taking music lessons, before noon I was fatigued to the point of exhaustion; I could always do better work in the afternoon after a square meal.

Years ago I tried the two meals a day and it did not work well. There are some strong-minded women who will lay the law down and say that hubby and son must go without breakfast for the future, but it will make trouble in the home. This course is all right where husband and wife see alike; but if they do not it does not look right to me to force it. I heard of a woman who was actually giving her infant



child nothing but tomato juice. The authorities got after her. Another friend is going without breakfast, which is of course her business and not mine. But she wants to make disciples of all the rest of us; and because we do not see alike, she takes a "holier-than-thou" attitude.

Years ago I adopted a system that suits my own case. I do not eat bread and potatoes at the same meal. I have discarded flour gravies, fried foods, and rich foods, and eat plenty of fruit and vegetables with some meat, the latter only once a day, at noon; no pastry; rye bread or some other kind of health bread. I never touch coffee, and drink just one cup of tea a day, and that at the morning meal. We are three in the family, and are all agreed on this subject. I have no cooking to do in the evening. But when my boy went to school at a distance,

having to take a cold lunch with him, then we had to have dinner in the evening; and I was never well under those conditions. When he got through school, I was able to go back to having dinner at noon. We rise at 5 a. m. and retire about 9:30 or 10 p. m.

Another reason why I do not favor going without breakfast, except under certain conditions, is that by the time the noon meal is served the person is so hungry that if he is not careful he will eat too fast and too much. It was not poverty that caused my meagre meals when I was small, but a parent who had peculiar ideas in respect to diet. If I asked for an egg I was quoted scripture, such as "the glutton shall come to poverty". My peculiar experiences make me fight shy of extremists.

### Air Baths Good for Colds *By John Huddleston*

**I** AM an old quartz miner, followed this line for forty years, and was hardly ever rid of a cold. I tried all the old-fashioned remedies, but still had the colds. I was told to try cold air baths and did so, not caring if it killed or cured me; but it has cured me so effectively that I can say I have not had a cold for three years.

Winter and summer, mornings and evenings, I strip naked and go through a few simple exercises, such as bobbing up and down fifteen or twenty times. This fans you in good shape. Try it if you want to keep from catching colds. I am past sixty-five years of age, but fear no weather now, as I no longer am subject to colds.

### Whitewashing the Cages, and Other Things *By P. G. Gloystein*

**A** RECENT news dispatch from Moscow says: "All churches, convents and religious buildings have been whitewashed by order of the Soviet government." How appropriate! For a long time these buildings have been "the habitation of devils, and the hold of every foul spirit, and a cage of every unclean and hateful bird". (Revelation 18:2) At last the Russian people, through the power that came into their hands as a result of the downfall of the czarist régime, kicked out the "unclean and hateful birds" that long had been preying upon them. And now, as has long been recognized as the most effective way to renovate bird coops, they give these buildings a whitewashing.

One would almost think that these soviets had turned Bible students and were perfectly familiar with what the Revelator said about Baby-

lon. But this is unlikely. Nevertheless they recognize the character of the clergy and "pillars of the church" as that of unclean and hateful birds; hence they treat them, and the buildings that have housed them, accordingly. What a wonderful confirmation that God used a most appropriate symbol when He labeled the clergy and their supporters thus! Need it surprise anyone that the reactionists of the United States will be all the more violently opposed to this government's recognizing Soviet Russia?

### *The Vatican Loan*

**A** NOTHER important bit of ecclesiastical news is contained in the following recent dispatch to the United Press:

An agreement has been reached between the Vatican, Blair and Company and the Chase National Bank of



New York City, establishing a \$1,500,000 credit for the Vatican in New York. Arrangements for the credit were consummated in a letter sent by the papal secretary, Cardinal Gasparri, to the New York bank on October 11, stating that the Vatican was delighted with agreements for credit with Blair and Company, and also especially with the Chase National Bank. Cardinal Gasparri wrote that the conditions under which the credit was granted, considering the exigencies of the market, were tempered by a sentiment of devotion to the Holy See. Cardinal Hayes of New York has been authorized to sign the agreement on behalf of the Vatican.

This million and a half dollars is but the addition of a small fiber to one of the strands which form the mighty golden cable of twenty-four billion dollars by which the United States government and her financial institutions are inextricably "enmeshed" in "foreign entanglements". The sole purpose of this loan, which undoubtedly will be followed by others, is to insure acquiescence from the moneyed power of this country (the real government of the United States) to the political ambitions of the Roman Catholic hierarchy, and military assistance and protection in time of need.

Surely the Vatican is not borrowing this money because of a real financial need on its part. The unhumiliating and "dignified" way would be to increase the price of masses and holy candles. Anyone knows that the increasing of holy candles one-half cent more per candle, or the mere ordering of Roman Catholics to purchase another candle, would enable the Vatican to realize several million dollars in less time than it has taken to negotiate a loan in Wall Street. Now that the American loan has been negotiated with "the holy father" it will not be surprising to learn that the Swiss guard

at the Vatican has been augmented by United States marines.

### Coolidge Frightens (?) Big Business

ANOTHER worth-while item of information is that four hurried trips were made by Mr. J. Pierrepont Morgan to the White House some time ago. When the president was in New York City a few days ago, he referred to big business before the New York Chamber of Commerce and said that if they try to get a strangle-hold on the government they will bring down upon their heads "the hornets' nest of trust-busting and government interference which were found necessary at times in the past". Then the president assured them that there are no such things as "trusts". To quote from the *Los Angeles Record*:

The humor of it must have secretly taxed the waistbands of his [Coolidge's] hearers to the limit; for of course they had to look serious over the frightful threat in order to convince the reporters that Calvin had uttered something more that would go thundering down the ages.

The "dissolved" old Standard Oil octopus must be trembling in all its profitable tentacles. The Mellon family aluminum cinch, with its fingers in every kitchen in the land, must groan in agony over prospects of Attorney General Sargent hornet-nesting Andy Mellon.

The railroad merger promoters, the Great Electric Power trust, the coal barons, the Continental Bakers' combine, the Wall Street owners of the railroads, the Chicago "pit", the purified meat trust and such, which are right now part of the government or brazenly defying the government, must be shaking in their patent leather boots. Calvin has warned every one of them that if they go any further he will slap the trust-busting of the past on them, a regular hornets' nest—full of butterflies.

### What "The World" Sneers At

THE New York *World*, owned by Hebrews, but noted as the leading advocate of Papacy in the United States, was wont to sneer at Pastor Russell, and probably would do so yet if it had occasion to mention his name. Nevertheless, Pastor Russell published in 1889 a book in which he deduced from a study of the Scriptures that the World War would occur in 1914; whereas if the *World* ever saw anything coming twenty-five years before it happened

then that paper has hidden its light under a bushel; for no one knows of such a forecast.

Just now the *World* is sneering at the following paragraphs from the *American Standard*, but to our minds it is quite possible that everything the *Standard* here says is true. The fact that the *World* is ignorant of some things should not surprise us. It has shown that ignorance on so many occasions and on so many subjects that none should be needlessly sur-

prised. The idea that editors are inspired is a fallacy. But we quote:

It is a painful duty to record this signal failure of Mr. Coolidge and to recognize that he has fallen under the sway of Roman Catholic suggestion, as did President Wilson. The Roman press boasts that his speech will bring him a million Catholic votes. If instead his speech had aligned a million Papal votes against him, America would be better pleased. When Mr. Coolidge paid honors to the Holy Name Society and feasted Cardinal O'Connell in the White House he gave signs of his condition. Foster Stearns, son of Frank Stearns, the President's most intimate friend, is a Roman Catholic.

This phenomenon, recurring so often, of a Protestant

American, reared in good surroundings and seemingly fitted to understand the spirit of Americanism yet falling under the mental control of porery, requires explanation.

The fact is that control of a man's mind can be gained by adepts in the art of telepathic suggestion and occult mental manipulation. For more than 200 years the Jesuit order has made evil and malignant use of its knowledge that a means of exerting hypnotic mental influence exists, by which the thoughts of a person against whom this unseen but potent current of thought is directed can be guided and influenced. . . . President Coolidge, in voicing the identical sentiments which the Roman Catholic hierarchy desires him to voice, plainly shows to the enlightened observer that he is becoming subject to Jesuit control and has already fallen under it.

### A Pageant of Truth By Rev. G. A. Studdert-Kennedy, M. A.

(Reprinted from the British magazine, *John Bull*)

A PAGEANT of modern war as it is might not be beautiful, but it would be wholesome.

First might come the fighting troops in gas-masks, with goggles all complete, sweating, gasping, cursing inwardly the beastly things as they tramped beneath their packs. With them would march the special instructors in methods of swift and silent killing, the men who teach us how to kick a man in the vital parts after you have seized him from behind and thrown him down, and how to drive a bayonet in far enough, but not too far, so that you can quickly pull it out and ram it into someone else's stomach.

Next to them might come the men for whom the war was really glorious—the profiteers and all who did the government on army contracts. They might come in their cars, with their names, titles and decorations displayed outside.

Next to them might come the glorious array of unemployed. They ought to have a place of honor because they paid for the war, and suffered to save British credit, and allow us to pay our debts without asking anything of our debtors. They might carry a banner with "God save Bethnal Green and give us homes for fires to burn in" on it, and the band might play "Land of Hope and Glory"; it would be very suitable; they know all about hope and glory—especially hope.

Next we might have a contingent from the lunatic asylums with keepers in attendance. All

the men that were driven mad by the war, and the women, too; there are lots of them hidden away, gibbering, raving and muttering blasphemies to themselves all day long.

They might be followed by the crippled and diseased, with a special body of men and women who became infected with disease, the curse of modern armies, with the blind and rickety children they have had since the war to improve the race and make up for the loss on the battlefield.

Then come the children whose lives were maimed and bodies crippled by the air-raids, carrying flowers for the women and children who were killed. These might be drawn from all the nations involved, and would include a number of "enemy" children who were crippled by our gallant air force doing their duty.

After them might come the widows, and with them all the women and girls who must go all their lives with empty arms because their proper mates were butchered in the glorious war.

The rest of the procession might be composed of representatives of the best liars among the nations, all those who wrote up the slanders, misrepresentations, spurious atrocities, and barefaced falsehoods that go to make up war propaganda and fan the passions of the people into a good strong flame of hatred and of fear.

Finally, all the politicians who made the peace, and thus made quite certain of another war, might come bearing an illuminated copy

of the Treaty of Versailles as an offering at the Cenotaph.

All that is bitter, but it would not be as bitter as the truth. There could not be a pageant of

truth, because men and women could not bear it. It would be brutal, blasphemous, cruel, sensual, foul and filthy beyond the power of language to express.

### Is "Trinity" Doctrine False? *By P. K. Poole*

IN THE GOLDEN AGE, March 28th, 1923, page 415, Studies in THE HARP OF GOD, is found some wonderful information. This study shows it to be an unwarranted conclusion that Jesus was God Himself. Can it be that the "Trinity" doctrine is false? How reasonable to believe that God the Father is not his own Son, but that Jesus, another person, is the Son of God!

We read: "Again Jesus said: It is also written in your law, that the testimony of two men is true. I am one that bear witness of myself, and the Father that sent me beareth witness of me." (John 8:17,18) Thus Jesus definitely fixes the fact that he and the Father are separate and distinct beings. This passage should be conclusive to such students as have weighed all evidence on the subject.

But not all Bible students get a comprehensive view on the subjects they study. They segregate. Some take one small text and build a theory on it, instead of including all similar passages and getting a view that will harmonize all. So when we quote, "I and my Father are one" (John 10:30), we should include the prayer of Jesus, "That they also may be one in us: . . . even as [in the same way] we are one." (John 17:21, 22) We should also include that man and wife are one (Genesis 2:24; Matthew 19:5), "And they twain shall be one flesh."

We can easily see how man and wife are one, when it comes to maintaining a home and bring-

ing up a family; but when taken literally, that they are one in person, essence and substance, we do violence to reason, mathematics, and common sense. If we violate every attribute of the human mind, then there is no way left to determine whether we know anything or not. So these scriptures must not be segregated nor made a basis for a theory, but harmonized according to reason and common sense.

There is another important fact shown in the Scriptures, which illustrates the fallacy of the trinity theory. I will put it in the form of a question. If Jesus was God Himself, why did He not have the holy spirit before His baptism? All four of the Gospels state that Jesus received the holy spirit after baptism. (Matthew 3:16; Mark 1:10; Luke 3:21, 22; John 1:32-34) So, either Jesus did not have the holy spirit before baptism or, if He did, then He did not receive the holy spirit after baptism, although it is so stated in the Scriptures.

It does seem that if Jesus had been God Himself, Jesus would have had the holy spirit at all times. But the Scriptures speak to the contrary, and the Gospels show that neither Jesus nor the apostles performed miracles until after they had received the power from on high. Jesus never claimed to be equal with God, as trinitarians would have us believe. On the contrary He plainly declared, "The Father is greater than I."—John 14:28.

### When Lincoln Worried

THE wise lawyer, Abraham Lincoln, is reported to have said this about the ferocious attacks which were so frequently made upon him:

If I were trying to read, much less answer all the attacks made on me, this shop might well be closed for any other business. I do the best I know how, the very best I can; and I mean to keep on doing it to the end. If the end brings me out all right, what is said

against me will not amount to anything. If the end brings me out all wrong, ten angels swearing I was right would make no difference.

Following Lincoln's example, we waste very little time over attacks made upon us, or the things we believe or do. It takes more manhood to keep from throwing stones than it does to throw them.

# Whom Do You Honor?

[Radiocast from Watchtower WBBR on a wave length of 272.6 meters, by Judge Rutherford.]

**T**HE purpose of these lectures is not to hold up any one to ridicule nor to harshly criticize any one. The purpose is to point out the truth that each one may be able to have a proper vision of himself and God's plan, that he might take the course which will be to his best interests. We are all prone to error because of our imperfections; and the better we can understand the Lord and His way and follow as He has directed, the better shall we all be.

St. Paul, the inspired witness of God, in Romans 13:7 admonishes us to give honor to him to whom honor is due. The question, Whom do you honor? implies that there is some one who receives the highest honor that you can pay. But, one may properly ask, how may we know to whom the greatest honor is due? I think that we shall agree that this can be best understood by a clear knowledge of what is the truth. The Bible is the truth, and we should weigh the evidence offered by the standard of the Bible.

Honor means a manifestation of reverence and respect toward one because of a supposed or real worth. If of real worth it means that such one possesses dignity, beauty, excellence and majesty.

Men love to be honored. The quality of approbateness in each man causes him to love honor. Honor is bestowed upon many who are not worthy of it. There are others who are worthy of some honor and who do not receive it. A prophet has no honor in his own vicinity.

Sometimes honor is bestowed gladly. When so done love is usually the prompting cause. There are other instances in which honor is bestowed by reason of duress, either directly or indirectly exerted. There are times when man is honored by others because it is thought to be policy so to do. Where true honor is merited and gladly bestowed love is the moving cause. Such honor is the only kind that is worthily bestowed or received.

The tendency is, and has always been with the world, to honor men who are great heroes in war. Shortly following the World War there came to America a man who had gained the ferocious title of "Tiger". Great honor was bestowed upon him by the American people. It was doubtless deemed good policy so to do. It would hardly be proper to say that real love

of the people for such an one prompted the honor.

About the same time there came to America the generalissimo who had led the Allied armies in the bloodiest conflict of the ages. Millions of poor souls had gone down in a terrible death while he remained in the rear. Great tribute was paid to him because, figuratively speaking, there dangled from his belt the scalps of many poor human beings, whose life blood had been spilled at his command.

There are other instances in which men receive great plaudits. Some time ago there came to America a great clergyman. When he arrived in the city of New York hundreds of thousands turned out to pay him tribute. He came garbed in all his garments of glory and beauty. Many bands of music were playing, and banners flying in his honor, while the multitude bowed before him, and many kissed his hand and the hems of his garments. The politicians and the financiers took their places in the procession, that they might catch some of the reflected glory. The public press carried many glowing accounts of this wonderful reception of a man. He was supposed to be the representative of the Prince of Peace; yet he had been in the foremost ranks of those advocating the World War which had filled the earth with widows and orphans, and drenched the ground with tears and human blood.

What a contrast when the Prince of Peace was on earth! Ecclesiastics of His time led the rabble to dishonor Him. I dare say if Jesus Christ should arrive at the New York harbor today and with His twelve apostles humbly march up Broadway, teaching the doctrines of peace and love and good will in opposition to war, He would be spurned and ignored by many and probably arrested before He had reached Twenty-Third street.

There must be a reason for this. There is a reason. Why are honor and glory bestowed upon financiers who rob the people? Why upon warriors who fill the earth with sorrow and distress? Why upon politicians who resort to fraud and bribery to gain high office? Why do men bestow honor upon men who claim to represent the Master, yet who are proud and heady and who have waxed rich by taking the pennies from the poor?

These facts are stated and these questions asked in order that our minds may be focused upon the real cause. We must go back further than the present selfish generation. The cause originated long, long centuries ago. It is found in the Bible account of creation and what followed thereafter.

The Scriptures inform us that the Logos was the beginning of God's creation. Thereafter the Logos served as the active agent of Jehovah in the creation of all things. Amongst the other creatures created was Lucifer. He is described in the Scriptures as being a wonderfully beautiful creature. Without doubt the Logos was just as beautiful or even more so, but Lucifer was more showy. The Prophet Ezekiel in 28:13, 17, describes Lucifer thus: "Every precious stone was thy covering. . . . Thine heart was lifted up because of thy beauty."

These two sons of God, the Logos and Lucifer, are designated in the Scriptures as "the Morning Stars", the bright shining ones. There was a great celebration held in heaven at the time when God laid the foundation of the earth as a habitation for man. The Scriptures indicate that all the sons of God came together, at Jehovah's command; and that when God announced the creation of the earth these Morning Stars sang together, and all the sons of God shouted for joy.—Job 38:4-7.

One of these sons, Lucifer, became disloyal. The other son, the Logos, has ever remained, and ever will be, loyal to His Father, Jehovah God.

God made Eden, a beautiful park or place on the earth. He then planted a garden eastward in Eden; and then created a perfect man and put him in Eden. Then He made a perfect woman to be man's companion; and in Eden He placed Lucifer as overlord or overseer of man. The entire organization was Jehovah's, created for His own glory and pleasure and for the benefit of His creatures. All were dutybound to honor Jehovah because honor was due Him. Love should have prompted everyone to thus honor Jehovah.

A wicked, traitorous ambition sprang up in the heart of Lucifer. He conceived the thought of turning away man from Jehovah that he, Lucifer, might receive the honor and glory to which God was justly entitled. To accomplish this he resorted to lying and fraud. He deceived

Eve and induced her to violate the law of Jehovah, the penalty for which had been announced as death. Adam joined her in the transgression; and Jehovah, in carrying out His just and righteous laws, sentenced them to death.

Jehovah degraded Lucifer by giving to him the names of Dragon, Serpent, Satan, the Devil, all of which bespeak his wicked disposition and mark the course that he would take. God did not take away from him, however, at the time the right to be overlord of man, but drove man from the beautiful Eden and caused him to feed upon the elements of the earth, which gradually produced his death, during which time his children were born. Lucifer proceeded in his nefarious course and diligently put forth his efforts to turn the minds of the creatures of Jehovah away from God that he, Lucifer, might receive the honor.

God organized the nation of Israel, and gave to that people a code of perfect laws for their own benefit, and established the true religion. God well knew that those who worshiped Him would be kept away from the course of wickedness. Satan had induced the other nations to turn away from God. Yielding to the seductive influence of Satan and his agencies the nation of Israel fell away from God; and in the year 606 B. C. Satan became the god of the entire world. St. Paul speaks of him in 2 Corinthians 4:3, 4 as "the god of this world". The Lord Jesus refers to him as the prince of the world. Satan is particularly marked with selfishness, wickedness, pride and ambition. He has planted malice, hatred, ill-will and murder in the hearts of men, and has induced the ruling factors of the world to oppress the people, to engage in bloody war, and to indulge in intrigue to keep the people subject to him. It is Satan that pushes forward selfish organizations and subtly induces mankind to worship war heroes, worship men who have arrogated to themselves the power and honor of Jehovah. Thus Satan has turned the minds of the people away from the true and living God. He has even planted in the minds of the mass of humanity the thought that God is merely a blind force. He has induced many to say, "There is no God."

The great Jehovah has not interfered with Satan in taking this course until God's due time. He has waited to give man an opportunity to see the baneful effects of sin; and the time has come now that Jehovah will get Himself a name

by teaching the people the truth in His own good way.

Jehovah is the great God, besides whom there is none. He is the great First Cause, the Author and Creator of all things that are good. He is the Author of the great plan of salvation for man, which He is working out in His own sovereign way. His true and faithful and loyal Son, Christ Jesus, is Executor of this great plan.

The psalmist tells us (Psa. 14:1): "The fool has said in his heart, There is no God." It is Satan that has induced man to be such a fool. If man would stop and consider a moment the things that he sees about him, he must conclude there is a great, wise and loving Creator. For a moment let us behold the trees, waving their arms to the music of the winds. Mark the flowers that grow out of the soil, yielding to the vibrations of the sun and giving forth their sweet perfume. Note the little birds that fly through the air, warbling their songs of praise. See the great rivers that wind their way through hill and vale and on to the mighty ocean. Mark its waves with power irresistible, moved by the influence of the moon. Behold the sun that lights the earth by day and gives life to the vegetation of earth.

And then mark man, a creature fearfully and wonderfully made. Who created all these things? Did they come by mere chance? The answer is that Jehovah God, the great First Cause, created the heavens and earth and the fulness thereof. His creation, the moon and the stars, the planets moving noiselessly along their fixed orbits, each bespeaks His majesty, His glory and His power. The psalmist, commenting upon these wonders of Jehovah's creation, exclaimed: "O Lord, how manifold are thy works! in wisdom hast thou made them all: the earth is full of thy riches. So is this great and wide sea, wherein are things creeping innumerable, both small and great beasts."—Psalm 104: 24, 25.

In Jehovah reside the attributes of wisdom, justice, love and power in equal and exact balance. He is love. Love is the perfect expression of unselfishness. In every act He has expressed Himself unselfishly in behalf of man. While His justice required Him to put man to death for a violation of His law, unselfishly Jehovah planned to redeem man from death and, when the human race had received a full and complete lesson in the baneful effects of sin, to offer to

mankind a full and free opportunity to be restored to strength, health, happiness and life everlasting.

In making this provision for man's salvation from the evil effects of sin, Jehovah God made the great sacrifice of giving His beloved Son. Not that He forced this upon His Son, but He offered His loyal and beloved Son, the Logos, afterwards named Jesus, the privilege of carrying out His plan to provide redemption for the humankind. It was the love of God that prompted Him thus to do.

It is written: "For God so loved the world, that he gave his only begotten Son, that whosoever believeth in him should not perish, but have everlasting life."—John 3:16.

Life is the dearest thing to any creature. The entire human race was headed to complete destruction. God's love provided this great gift. the Apostle Paul refers to it as the unspeakable gift of God. Again the same writer, in Romans 6:23, said that life is a gift from God, through Jesus Christ our Lord. He who provided this great gift could have been prompted by nothing else but unselfishness, which is perfect love.

Is not then God the one worthy to be honored? In Revelation 4:10,11 we are given a picture of the faithful ones in heaven, giving honor and praise to Jehovah for His manifold goodness. "The four and twenty elders fall down before him that sat on the throne, and worship him that liveth for ever and ever, and cast their crowns before the throne, saying, Thou art worthy, O Lord, to receive glory and honour and power: for thou hast created all things, and for thy pleasure they are and were created."

### *Whom Do You Honor?*

**I**N DETERMINING the question as to whom we should honor, surely there is no example that we could follow so well and properly as that of Jesus Christ. Even the Modernists admit that Jesus was a great teacher and a mighty man. Even the Jews admit that He was a great philosopher and teacher. The Christians recognize Him as the Redeemer and Savior of the world, the Son of the living God. These are told that they are called to walk in His footsteps because He left them an example.

If the Lord Jesus is a worthy example for Christians, then surely He is a worthy example for all. If we find that men on earth are pursu-



ing a course contrary to that which the Lord Jesus took, and by so doing they are receiving honor and glory, we should ask ourselves, Are they receiving honor and glory properly? Are the people properly bestowing this honor upon them? There are men on earth in high clerical positions. They are the ecclesiastics. When the profiteers and politicians assemble and provide for war, and the armies are brought together, these great ecclesiastics are called in and invoke the blessing upon the warring factions. They usually come garbed in their glorious robes, with great sanctimonious air. The mighty and the strong do them honor because they are supposed to be blessing the efforts of those who go out to kill.

When the war is over, and the portraits of the warriors are painted, the clergymen are shown standing by the general and the captain. Amidst those who have taken human lives stand the same clergymen who receive the honor and plaudits of men.

These same clergymen have arrogated to themselves the power that belongs to Jehovah. They claim to be able to forgive sins, and receive money from the poor upon the pretext of praying their dead friends out of the place of suffering. They solicit and receive the honor of men. Was that the course of Jesus? Let us keep in mind that Jesus is the true, faithful and loyal Son of Jehovah God, the great active agent of Jehovah in the creation of all things, the one whom Jehovah honors above all others.

When Jesus came to earth He did not come with great pomp, with bands playing and banners flying. Nor did the clergy of His time receive him with honor. He came proclaiming the honor of His Father. He said to the people, as written in Matthew 11:28, 29: "Come unto me, all ye that labour and are heavy laden, and I will give you rest. Take my yoke upon you, and learn of me; for I am meek and lowly in heart: and ye shall find rest unto your souls." John 5:30, 31: "I can of mine own self do nothing: as I hear, I judge: and my judgment is just: because I seek not mine own will, but the will of the Father which hath sent me. If I bear witness of myself, my witness is not true."

Because Jesus preached God's message of love and His kingdom, the clergy of His time accused Him of having a devil. In John 8:49, 50 we read: "Jesus answered, I have not a devil; but I honour my Father, and ye do dis-

honour me. And I seek not mine own glory: there is one that seeketh and judgeth."

Who had induced the Pharisees and the scribes to take their selfish course and to dishonor God? Jesus answered this question plainly when He said to them: "If God were your Father, ye would love me: for I proceeded forth and came from God; neither came I of myself, but he sent me. Why do ye not understand my speech? even because ye cannot hear my word. Ye are of your father the devil, and the lusts of your father ye will do. He was a murderer from the beginning, and abode not in the truth, because there is no truth in him. When he speaketh a lie, he speaketh of his own: for he is a liar, and the father of it."—John 8:42-44.

Satan, the disloyal son of God, has always dishonored Jehovah's name. His purpose has always been to turn the minds of the people away from Jehovah. He is the god of this world. (2 Corinthians 4:4) He is the one that has caused wars, trouble and strife. He is the one who has induced man to build up organizations that bestow honor and glory upon men and take it away from God, who is justly entitled thereto.

We should ask ourselves then, Am I bestowing my honor upon men or am I bestowing my honor upon God? Shall I be influenced by the great evil one, or shall I be influenced by the great mighty and good One, Christ Jesus, the loyal and beloved Son of God?

The psalmist advised us what course to take when he wrote: "Give unto the Lord [Jehovah] the glory due unto his name."—Psalm 29:2.

When Jesus was on earth He was not honored of men. On the contrary He was dishonored amongst men because He honored God. It is written concerning Him in Psalm 69:7, 8: "Because for thy sake I have borne reproach: shame hath covered my face. I am become a stranger unto my brethren, and an alien unto my mother's children."

The true and faithful Christian, follower in the footsteps of Jesus, has not been honored of men; for he has honored God, and has refused to honor the Devil's organization or any part of it. The Lord foretold in His Word it would be thus. The reason is that Satan has been the god of this world all through the Gospel Age, while the Christians have been in course of development; and it is Satan and his organization that have induced men to worship men



in order that the minds of the people might be turned away from God. For this reason the people have been kept in ignorance of the truth. Now the time has come for the people to learn the truth; and when the peoples of this earth learn the real truth, when they know that Jehovah is the great loving God, who has made provision for them, and that Satan and his emissaries are their real enemies, then they will give honor and glory to Jehovah, to whom honor and glory are due.

The popularity of Christians cannot come until the Lord's kingdom is established. The Lord told them in advance "that we must through much tribulation enter into the kingdom". But when His kingdom is established, and the people know the truth, then they will be honored and be a glory to Jehovah and to His beloved Son. Jehovah God has bestowed the greatest honor upon His beloved Son and has provided that the bride of Christ shall share that honor with Him.

## Radio Programs

[Station WBER, Staten Island, New York City.—272.6 meters.]

THE GOLDEN AGE takes pleasure in advising its readers of radio programs which carry something of the kingdom message—a message that is comforting and bringing cheer to thousands. The programs include sacred music, vocal and instrumental, which is away above the average, and is proving a real treat to those who are hungering for the spiritual. Our readers may invite their neighbors to hear these programs and thus enjoy them together. It is suggested that the local papers be asked to print notices of these programs.

### Sunday, February 14

- 10:00 a. m. Violin-Viola Duets—Professor Charles Rohner and Martin Hartman.  
 10:15 Sunday School Lesson—W. N. Woodworth.  
 10:25 Violin-Viola Duets.  
 10:35 I. B. S. A. Choral Singers.  
 11:00 Bible Lecture—H. H. Riemer, "Abraham Back in Jerusalem Soon," Part I.  
 11:30 I. B. S. A. Choral Singers.  
 11:40 Violin-Viola Duets.  
 11:50 I. B. S. A. Choral Singers.  
 2:00 p. m. Watchtower Orchestra.  
 2:30 Fred Twaroschk, tenor.  
 2:40 Topical Bible Study.  
 2:50 Fred Twaroschk, tenor.  
 3:00 Bible Lecture—H. H. Riemer, "Abraham Back in Jerusalem Soon," Part II.  
 3:30 Fred Twaroschk, tenor.  
 3:40 Watchtower Orchestra.

- 9:00 p. m. Watchtower Violin Choir.  
 9:15 Bible Questions and Answers.  
 10:00 Watchtower Violin Choir.

### Monday, February 15

- 8:00 p. m. Irene Kleinpeter, soprano.  
 8:10 World News Digest compiled by Editor of GOLDEN AGE MAGAZINE.  
 8:20 Josephine Locke, violinist.  
 8:30 Bible Instruction from THE HARP OF GOD.  
 8:40 Irene Kleinpeter, soprano.  
 8:50 Josephine Locke, violinist.

### Thursday, February 18

- 8:00 p. m. Watchtower String Quartette.  
 8:20 Bible Lecture—Fred E. Houston, "The Highway to Life."  
 8:40 Watchtower String Quartette.

### Saturday, February 20

- 8:00 p. m. Carl Park, violinist.  
 8:10 L. Marion Brown, soprano.  
 8:20 Items on Science and Invention.  
 8:30 Carl Park, violinist.  
 8:40 Bible Discussion from COMFORT FOR THE PEOPLE.  
 8:50 L. Marion Brown, soprano.

### Sunday, February 21

- 10:00 a. m. Watchtower Instrumental Trio.  
 10:15 Sunday School Lesson—S. M. Van Sipma.  
 10:35 I. B. S. A. Choral Singers.  
 10:45 Watchtower Instrumental Trio.  
 10:55 I. B. S. A. Choral Singers.  
 11:00 Bible Lecture—E. J. Coward, "Mickhisadee—Catholic, Mason, or Baptist?"  
 11:30 I. B. S. A. Choral Singers.  
 11:40 Watchtower Instrumental Trio.  
 11:50 I. B. S. A. Choral Singers.

- 2:00 p. m. Watchtower Orchestra.  
 2:30 L. Marion Brown, soprano.  
 2:40 Topical Bible Study.  
 2:50 L. Marion Brown, soprano.  
 3:00 Bible Lecture—E. J. Coward, "Our Lord's Return."  
 3:30 L. Marion Brown, soprano.  
 3:40 Watchtower Orchestra.

- 9:00 p. m. Watchtower Brass Quartette.  
 9:15 Bible Questions and Answers.  
 10:00 Watchtower Brass Quartette.

### Monday, February 22

- 8:00 p. m. Syrian Music—Professor Tonic Moubald and Elizabeth Awad.  
 8:10 World News Digest by Editor of GOLDEN AGE MAGAZINE.  
 8:30 Bible Instruction from THE HARP OF GOD.  
 8:45 Syrian Music.

### Thursday, February 25

- 8:00 p. m. George Twaroschk, pianist.  
 8:10 Alice Merrill, soprano.  
 8:20 Bible Lecture—R. S. Seklemian, "The Keys of Death and of Hell."  
 8:40 Alice Merrill, soprano.  
 8:50 George Twaroschk, pianist.

### Saturday, February 27

- 8:00 p. m. Professor Charles Rohner, violinist.  
 8:10 Items on Science and Invention.  
 8:20 Fred Twaroschk, tenor.  
 8:30 Bible Discussion from COMFORT FOR THE PEOPLE.  
 8:40 Fred Twaroschk, tenor.  
 8:50 Professor Charles Rohner, violinist.

## STUDIES IN THE "HARP OF GOD" (JUDGE RUTHERFORD'S LATEST BOOK)



With issue Number 60 we began running Judge Rutherford's new book, "The Harp of God", with accompanying questions, taking place of both Advanced and Juvenile Bible Studies which have been hitherto published.



<sup>480</sup>A boy or a girl in school who is being trained for a special purpose is required to have some hard mental exercise in order to develop the mind. For this reason many mathematical problems are required of the pupil; and other lessons are required to develop the mental faculties. One who is training for a race or other physical contest is required to have some strenuous experiences. With stronger reasoning are these principles true relative to the members of the new creation. These are being trained for the high and exalted position of membership in the royal family of heaven. Hence we may not be surprised to find often that their training is quite severe. The understanding of this requirement enables one to appreciate why Christians have never been popular and why they have suffered so much during the past nineteen centuries.

<sup>481</sup>The psalmist wrote concerning the new creation: "I am become a stranger unto my brethren, and an alien unto my mother's children. For the zeal of thine house hath eaten me up; and the reproaches of them that reproached thee are fallen upon me." (Psalm 69:8,9) Jesus became a stranger to the Jews in this, that they despised and rejected Him. Because of His zeal for the heavenly Father's great plan, His earthly life was consumed. Satan had reproached Jehovah from the time of Eden; and now these reproaches fell upon Jesus. We should expect the body members to have similar experiences. And so the apostle quotes this text and applies it to those who are the followers of Jesus, saying, "For even Christ pleased not himself; but, as it is written, The reproaches of them that reproached thee fell on me."—Romans 15:3.

<sup>482</sup>God is a great economist. He makes the wrath of men and other creatures to result to His own praise. Satan and his seed have always persecuted and buffeted the Christians, and Jehovah has caused this persecution to result in the development of the members of the body of Christ. He could have prevented the church from suffering at Satan's hands had He desired so to do; but by being permitted to buffet them with trying experiences, Satan has demonstrated his own depraved character, and the

resistance of the church has shown their love and devotion to the Lord and thus developed characters that are pleasing unto him.

<sup>483</sup>When one first becomes a Christian he does not usually suffer so much as later, when he is more developed. He is at first designated in the Scriptures as a babe in Christ. As we deal with babes, so our heavenly Father deals with His baby children. As earthly babes are fed upon milk and other light diets, so is one when he first becomes a Christian; and his experiences are in harmony therewith, as the Apostle Peter says: "As newborn babes, desire the sincere milk of the word, that ye may grow thereby."—1 Peter 2:2.

### QUESTIONS ON "THE HARP OF GOD"

Why are children in school required to have hard mental exercises? ¶ 480.

Is it necessary for one to train for a physical contest? ¶ 480.

Why is it necessary for a new creature to be trained and to pass through experiences? ¶ 480.

What did the Psalmist say concerning the standing of the new creature with his brethren and others? ¶ 481.

To whom did Jesus become a stranger? and what reproaches fell upon Him? ¶ 481.

Give Scriptural proof that the body members have similar reproaches. ¶ 481.

How has God overruled for good Satan's persecution of the church? ¶ 482.

Is the Christian's suffering greater when he first knows the Lord or later? ¶ 483.

How is a Christian, when first begotten, designated in the Scriptures? ¶ 483.

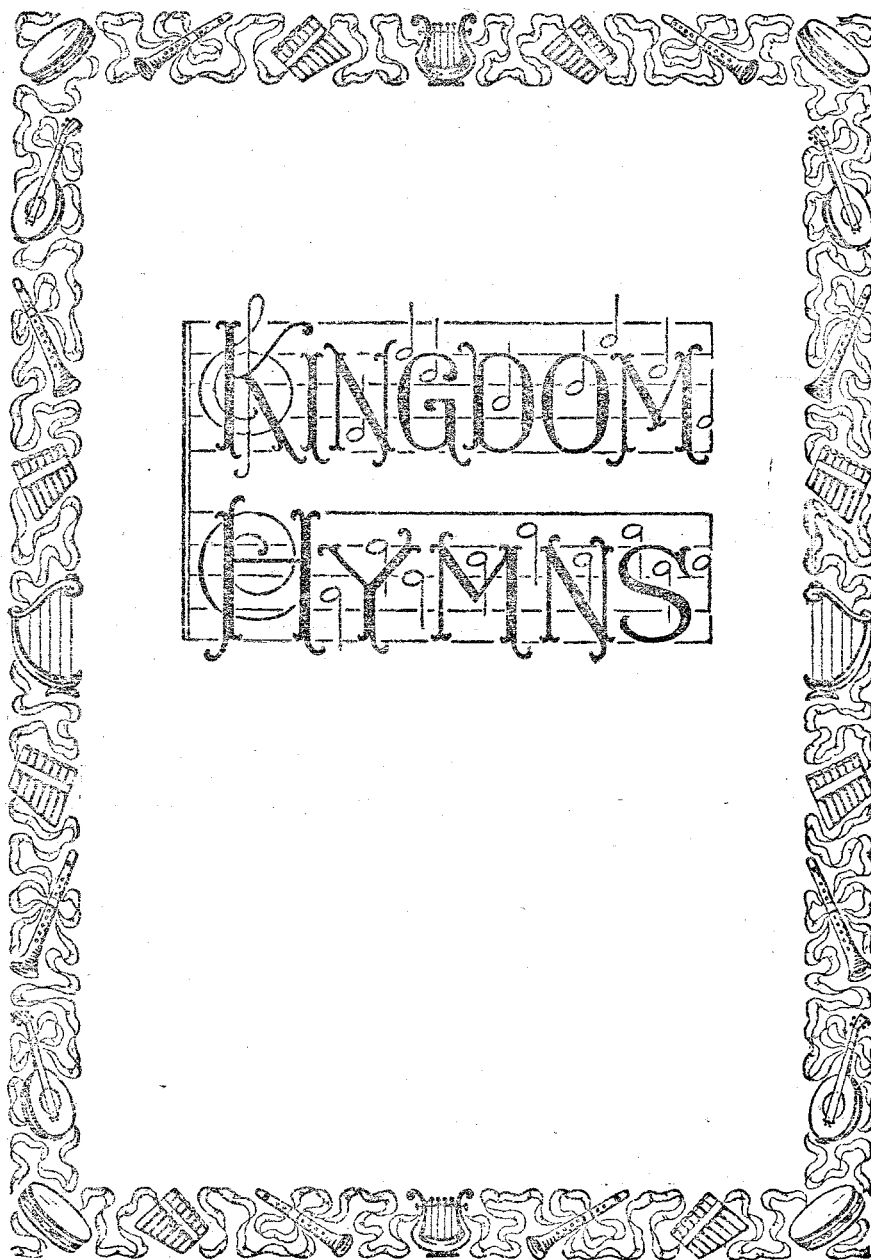
What kind of spiritual food does he need? ¶ 483.

### Fellowship

"One sole baptismal sign;  
One Lord, below, above;  
One faith, one hope divine;  
One only watchword—Love;  
From different beings though it rise  
One song ascendeth to the skies.

"Our sacrifice is one;  
One Priest before the throne,  
The slain, the risen Son,  
Redeemer, Lord alone!  
And sighs from contrite hearts that spring  
Our chief, our choicest offering."

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