

*the*  
**PLAIN TRUTH**  
*a magazine of understanding*



**Elizabeth II Addresses  
Council of Europe**



# What our READERS SAY

## From Around the World

"I have received the third issue in my trial subscription to *The PLAIN TRUTH*. I was impressed by this magazine. At last here is one publication which is not afraid to state truthfully what is right and what is wrong. Congratulations. Please continue to send me *The PLAIN TRUTH*. I am a sixth form pupil and hope to go to the university in the near future. It is a pity that more people my age don't read and take notice of what you say."

Miss J. K.,  
Nelson, New Zealand

"I read the article, 'Sex Explosion — Issues and Answers,' in *The PLAIN TRUTH* with the greatest interest. I believe that the subject treated in this article is one of the most urgent and wide-reaching of our time. Many of the patients coming into our consulting rooms suffer from the consequences of transgression on this very point. Both physical and mental disturbances may be induced. After having read this article, I would very much like to learn more about your philosophy concerning marriage and sex. I would appreciate it if you could send me the book *God Speaks Out on the New Morality* together with the booklet *Your Marriage Can Be Happy*."

Hans B.,  
Jönköping, Sweden

"Contrary to some Christian literature, your *PLAIN TRUTH* seems to be a magazine for intellectuals. The teachings of the Bible are set forth in a scientific manner. I enjoyed reading your article on marriage. It very closely resembles the Hindu concept of marriage. We Indians still stick to it and that is the reason why we very seldom hear of divorce in the Indian marriage. Here the man is considered to be the head of the family (even if the wife is more highly qualified than the man). Sir, I am a major (age 28 years) and will be settling down soon. My fiancée and I

feel that we should read the book entitled *The New Morality* so that we can lead a happy married life. I would be much obliged if you would kindly forward me a copy of the book."

Jeyaraj A.,  
Ipoh, Perak, Malaysia

## Not Factual?

"Thank you for my three months' trial of your *PLAIN TRUTH*. Although probably of interest to many of your readers, the approach and style of the contents does not appeal to me. Most of the subjects you have covered in the three months I have received it, are potentially interesting to me, but the wide generalizations and lack of facts, especially in the article, 'The Birds and the Bees,' seem to be very unscientific."

Miss S. S.,  
Oxted, Surrey,  
England

• *Speaking of wide generalizations... your letter contained no specific references to any specific errors — or lack of facts.*

"When I first sent for my trial subscription copies I did not expect to see anything that was even worth reading, let alone a magazine of the quality which I now know *The PLAIN TRUTH* to be. While I could not even pretend to agree with some of the articles written in your magazine, I must compliment you on the high standard attained. I think your articles on drugs, India and Evolution are excellent and I agree with every word of what you have written on these subjects. I personally, am not in the least bit religious and doubt the existence of God. Even so, after reading certain of your articles I must admit that what you write (when predicting future events) seems to be very accurate indeed and almost uncanny. I regard *The PLAIN TRUTH* as one of the few magazines that I would subscribe to — even

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# Personal from the Editor

IT IS 4:15 in the afternoon. I have until 5:45 to write this month's *Personal* talk with our fast-growing family of readers. At 6 this evening we are having the unveiling and dedication ceremony of a giant new bronze bird sculpture and fountain at the head of the main entrance of Ambassador College, Texas campus.

This large bronze bird sculpture is the work of the world-famous London sculptor, David Wynne. Mr. Wynne is here to oversee the erection of the five giant swans, shown taking off in flight from the 150-foot-long pool. A jet of water soars from some 75 feet in front of the bronze swans, cascading down over the backs of the five birds. Under the action of the water jet, the birds give the impression of being actually in motion.

Yesterday at 4:00 p.m. in Pasadena, we had the dedication ceremony of the new Hall of Administration. It provides the new main entrance to the Pasadena campus of Ambassador College. Some three thousand came for the ceremony. There were brief speeches by the acting mayor of Pasadena, the Chairman of the Board of the contracting corporation who built it, the architect, and myself, with Garner Ted Armstrong Master of Ceremonies.

The imposing new four-story edifice was something of a breathtaking experience for most of those who came inside after the ceremony. Two large light wells, ascending from the ground floor to their sculptured ceiling, with balconies on all four sides of each light well on all above-ground floors, present a sensation of spaciousness as one looks up for the first time.

As I sat down to write, I picked up a weekly "Comments" from PLAIN TRUTH subscribers, which I brought along from Pasadena. I always try to read as many of the comments from our

readers, or from our radio listeners or television viewers, as possible.

This reminds me that many have written expressing their reaction to the *Personal* on the subject of the human mind, and the difference between human mind and animal brain. In it I stated that, if a sufficient number of subscribers wanted it, I would try to write much more fully on that subject. There has been quite a demand for it. Most of the comments written to me about it expressed enthusiastic approval, and the request that I continue the subject in depth. A very small minority expressed disagreement or disapproval.

I do not have time to continue that in this month's "Personal." I want to make it a full article anyway — more probably it will require a series of articles, and then be published as a booklet. It might even go to book length.

I must tell you frankly, that I realize the truth on that subject is not going to be readily accepted by all. I do not want to create enemies. And a few of our readers possibly will disagree. Some may even write in angrily, "Cancel my subscription!"

And, even though you cannot pay for your own subscription, I do not want to lose subscribers. On the other hand, I have never compromised with TRUTH. When I *know* it is truth, I write it or speak it fearlessly and PLAINLY, regardless of consequences.

But WHY — yes, WHY should any reader become angry and cancel his subscription, simply because he did not find himself in full agreement with some article? Why miss out on all the other fine articles?

If you read in *The PLAIN TRUTH* only what you already know, believe, and agree with, what is the good — other than entertainment?

And WHY do different people believe so many different things, anyway? WHY

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### OUR COVER

Her Majesty Queen Elizabeth speaks at 20th anniversary of the signature of the statute of the Council of Europe. Left to right: Rt. Hon. Sir Geoffrey de Freitas (President of the Consultative Assembly of the Council of Europe), Herr Willy Brandt (Chairman of the Committee of Ministers of the Council of Europe), Her Majesty Queen Elizabeth, Rt. Hon. Harold Wilson (Prime Minister of Great Britain), His Royal Highness Duke of Edinburgh.





# And Now— After

*Europe will never be the same again. De Gaulle's charismatic influence over France and the world is gone. Who will fill the void in France and Europe now that France's father-figure is no longer at the helm?*

by Raymond F. McNair

Paris, France

**N**O ONE saw large crowds, riots or signs of mass hysteria in Paris on the day President de Gaulle resigned.

Vivacious Parisians, this once, awaiting De Gaulle's departure at the Elysée Palace, were calm, orderly, as they waved farewell to their leader. President de Gaulle had told the French people they would have to follow his leadership or reap "chaos" — "me or chaos." They wanted neither.

The French are, in fact, rather pleased with themselves that they did not panic when De Gaulle stepped down. France for once remained calm, was not unduly shaken.

Frenchmen, of course, have mixed emotions toward De Gaulle's departure from the political scene. They are both relieved and *apprehensive* — concerned about a future without their towering father-figure to guide them.

## Perplexing Questions

What future is there for a De Gaulle-less France?

What will happen to Franco-American relations? Will there be a thaw — perhaps a honeymoon! — in future Washington-Paris relations? Will France now co-operate more closely with her Western allies — especially in NATO?

Will the French franc have to be devalued in the near future? How long before an economically powerful West Germany picks up the reins of Common Market leadership from an unstable, vacillating France?

Will France soften her attitude toward Israel and lift her ban on arms shipments to that country? Will she now deliver the fifty Mystère supersonic jets which Israel has already paid for, but which De Gaulle refused to deliver?

After De Gaulle's resignation, the whole world waited to

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**WILLY BRANDT**, West German Foreign Minister, speaks at ceremony celebrating 20th anniversary of the signature which brought into being the Council of Europe.



# a *NEW EUROPE*

## De Gaulle

see who would be the next elected President of France — who, if anyone, could rule that unstable country. De Gaulle cast such a long shadow over France, Europe and the world for so long that any new French President must appear like a dwarf by comparison. Frenchmen, as well as non-Frenchmen, fear that political and economic *instability* may again return to France — as it was in the pre-De Gaulle days.

The burning question in the minds of Britons is this: "Will De Gaulle's departure from the French political scene now enable Britain to get her toe in the door of the Common Market?"

### Why De Gaulle Stepped Down

Many have asked: "Just what was it that brought about the departure of President de Gaulle?"

Frenchmen, it will be remembered, became fed up with sacrificing endlessly in order to build De Gaulle's three-fold dream: (1) French military power (her *force de frappe*), (2) massive gold hoardings and (3) international grandeur.

So...in May, 1968, all France erupted in a paroxysm of riots and strikes which brought France to a grinding halt. This widespread *resistance* to government policies brought De Gaulle virtually down on his knees as he desperately attempted to prevent total *chaos* and imminent *civil war* from breaking out in France. Only the army stood in the way of a leftist take-over.

De Gaulle was forced to give in to the *ten million strikers* who urgently demanded higher wages. De Gaulle instructed his Prime Minister, M. Pompidou, to promise disgruntled Frenchmen a 35 percent increase in the national minimum wage.

At that time we reported in *The PLAIN TRUTH* from Paris: "But this wage increase will have a *very serious and crippling long-term effect on the French economy.*"

Even at that time, it was plain to see what was happening to France. De Gaulle was in a dilemma. If he didn't give in to the strikers' demands and grant a big *wage increase*, all France would soon be paralyzed — bankrupted by the effects of crippling strikes. De Gaulle's Fifth Republic would have crashed under the weight of a full-scale *bloody revolution*. Nobody in France, it seemed, really wanted that to happen.

But if De Gaulle gave in to the demands of the workers and granted the strikers their wage increases, it would be just a matter of time until the French economy would be in the doldrums — and that is just exactly what has now happened!

The French franc has been under pressure ever since the riot-strike crisis in May, 1968 forced De Gaulle's hand. It still looks as though a *devaluation* of the French franc is inevitable. Few seriously doubt this. The only questions revolve around just *how soon* and by *how much* will the franc be devalued. (And *stubborn German refusal to revalue the deutsche mark* isn't helping the tottering French franc, either!)

There are important reasons why De Gaulle stepped down from his pinnacle of political power in France. France was tired of following De Gaulle toward the ever-elusive goal of international pride and prestige. Frenchmen were weary of supporting De Gaulle's very costly *force de frappe* — his independent nuclear striking force — through tax increases.



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**WALTER HALLSTEIN**, President of the European Movement and former President of the European Economic Community, speaks at meeting of European-Atlantic Group, on May 6, 1969.

De Gaulle's *magic charm* was beginning to wear very thin. The average Frenchman was more concerned about a *better living standard* than he was about French *grandeur* or how many hundreds of millions' worth of gold the French government had hoarded away — or with De Gaulle's pet project — an independent nuclear deterrent.

So...all France spoke out. De Gaulle hesitated, then gave in to the demands of his people — knowing full well that





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**ELYSEE PALACE** — Through the arched palace entrance De Gaulle departed from his office as President of France — ushering in a new era in European politics.

this meant the death-knell to his cherished hopes of restoring France to her place of Big Power status and resultant prestige.

Nobody yet really seems to know *why* De Gaulle forced the issue by thrusting upon the French nation a referendum, thereby bringing about his defeat and humiliating rejection by the voters. Had De Gaulle been misled — wrongly thinking the polls showed he would once again win? Had he misread the Frenchman's mind toward himself and his policies? Or, was he led, compulsively, to reassure himself that the French nation was solidly behind him?

Whatever the reasons, De Gaulle gambled and lost! So he gracefully retreated to Eire (Southern Ireland) to vacation until after French elections put a successor in the Elysee Palace which he had occupied for nearly eleven long years!

Regardless of who might have succeeded De Gaulle, it is clear that Gaullist policies *would not* and *could not* be changed overnight. De Gaulle had steered the French ship of state in a definite direction for over a decade. Whoever becomes President of France

couldn't immediately change the course of that great nation.

It will take time to alter the course of France as set by De Gaulle. But France is bound to alter her course — is certain to begin veering away — though some form of Gaullism will undoubtedly continue to guide the destiny of France for several years to come.

#### Rise of West Germany!

Within the last year France has stumbled from crisis to crisis. Her *reserves* have slipped from about \$6,100,000,000 to \$3,800,000,000. The riots and strikes which nearly paralyzed France in 1968 forced the government to grant wage increases which France could ill afford. This has put such strain on the franc that *devaluation* is almost certain as a therapeutic measure to restore the health of the French economy.

Furthermore the Gaullist theory that the Soviet Union was willing to play ball with any nation who would be nice — this theory was shattered by the Soviet military occupation of impotent Czechoslovakia. Even De Gaulle apparently finally awakened to the facts of life — awakened to realize that Russian Communists were determined to main-

tain their iron grip over all Eastern Europe. Russia's invasion and military occupation of Czechoslovakia shattered once and for all De Gaulle's dream of a Europe "from the Atlantic to the Urals."

So, many in France just became fed up with De Gaulle — fed up with his economic and political policies. Even many Frenchmen were annoyed to see their President insulting the rest of Europe, America, Canada, Israel — anyone who opposed him.

In spite of De Gaulle's attitude toward just about everyone who disagreed with him, one fact is generally agreed upon. Everyone — friend and foe alike — respected De Gaulle for his unshakable convictions. No one thought he was a weakling.

But it is now clear that *West Germany* is the real *economic powerhouse* in Western Europe. West Germany also has the most powerful *conventional* military force in NATO.

Even before De Gaulle's resignation, it appeared that French envy and concern over Germany's rising power was beginning to colour their attitude toward Britain in her bid to enter the Common Market. Hence De Gaulle tendered to Britain a feeler in which he proposed close Anglo-French co-operation to counterbalance rising German economic and political dominance over Common Market member nations.

But it was too late!

#### Britain — Still Knocking on the Door!

Since De Gaulle passed from the French political scene, some Britons feel they now have a good chance of getting into the Common Market. But, they don't realize just how many obstacles there are in the way.

In May, I was invited to attend the 20th anniversary of the signing of the treaty which brought into being the *Council of Europe* — an organization formed for the express purpose of fostering technological, political, social, economic and other types of co-operation between member nations.

The Council of Europe now has 18 members (there were only 10 founding members) and includes Britain, West Germany, France, Italy, Scandinavia,





Ambassador College Photo

**BEFORE THE RESIGNATION** — Former French President Charles de Gaulle talks with the Chancellor of West Germany, Kurt Kiesinger (right). Pompidou (ex-

treme left) looks on. Meeting occurred at Schaumburg Palace in Bonn, Germany, before De Gaulle stepped down.

Greece and other European countries.

This special 20th anniversary meeting was held at the Banqueting House in London, near No. 10 Downing Street. It was attended by Her Majesty Queen Elizabeth II and His Royal Highness, Prince Philip, West Germany's Foreign Minister, Willy Brandt, Britain's Prime Minister Harold Wilson, numerous British M.P.'s., and foreign ministers of the member nations.

Her Majesty Queen Elizabeth II gave the welcoming address. She spoke repeatedly of "European unity" and alluded to the British desire to promote *European unity* by joining the Common Market.

The British Prime Minister later spoke, and continually referred to European unity. He made no bones about the British Government's avowed policy of seeking *full membership* in the Common Market.

"The policy of Her Majesty's Government remains firmly based on our application for *full membership* of the European Communities. Our determination to *join* the Communities did not weaken in the face of the delay in opening negotiations on our application, over eighteen months ago," said Mr. Wilson.

Mr. Willy Brandt also spoke at this anniversary meeting, and he, too, had

European unity on his mind. There was still, he said, "no European Peace System" which could guarantee Europe's peace and safety.

While in Britain, Mr. Willy Brandt appeared on B.B.C. television to answer a number of questions relative to Britain's improved chances of joining the Common Market — now that De Gaulle is no longer at the helm in France.

When asked if West Germany would "veto British entry" into the Common Market, he replied: "No! No!"

Mr. Brandt was then asked: "What is the *earliest*, given the most optimistic



prediction, that Britain might become a member of the European Community?"

### British Entry — Far Away — If At All!

Brandt's answer: "Had one started discussions in '67, as I think one should have done, it would have taken *two and a half* (years) to negotiate. And then one would have had a period of *two or three* years as a kind of interim period, period of adjustment, before full membership would have taken place."

That's almost half a decade.

Later, the West German Foreign Minister stated the possibility existed that it might take a little less than three and a half years for Britain to become a full member — from the date when she again would begin negotiations toward full membership.

At the Brussels meetings in 1967 — when Britain's second application to join the Common Market was considered and vetoed by France — Mr. Brandt told me it was, he felt, only a matter of time until Britain would be admitted into full membership in the Common Market.

Mr. Duncan Sandys, former Conservative Minister of Defence and, at present, the President of the British Council of the European Movement, also recently told me that he believed De Gaulle's removal from the Presidency in France would pave the way for eventual British entry into the Common Market. Mr. Sandys, son-in-law of the late Sir Winston Churchill, is an influential British M.P.

It is quite clear from official Government statements that Britain is again fully determined to begin negotiations toward entering the Common Market — in the near future. But there are important reasons why *Britain could not be admitted until 1972 or 1973* — even if she began negotiations tomorrow — and if she weren't again blocked by France or some other member of the EEC!

### European Unity Now to Speed Up

For many years now, *The PLAIN TRUTH* has been saying De Gaulle was

the one person preventing the formation of a full-fledged league of European States. De Gaulle's dream of a "Europe from the Atlantic to the Urals" is dead.

But a new idea of Europe is soon to emerge.

*The PLAIN TRUTH* magazine and *The WORLD TOMORROW* broadcast have reported for many years that this new Europe will be *dominated by West Germany — not by France!*

It should surely be plain for all to see that Germany is now the Giant of Europe — *economically, militarily* (so far as *conventional* weapons are concerned) and *industrially*. She is even geared to produce *nuclear* weapons — if she only slightly altered the course of her present energies in the nuclear field.

Germany's Finance Minister, Herr Strauss, has said that West Germany cannot remain "a political dwarf" while she is "an economic giant." Remember, also, that the West Germans have steadfastly refused to sign the Nuclear Non-proliferation Treaty. Why? Mr. Strauss says that to sign this treaty would, for the Germans, be "a Versailles of cosmic proportions."

### In France — Instability!

But where does France go from here?

One thing is certain. France is not going to be able to push her Common Market partners around — as in the past. This is especially true of the Franco-German relationship from now on. The West Germans know they are now seated firmly in the economic saddle of Europe. They do not intend to let France, Britain, the U. S. or anyone dictate to them how they are going to manage their economic affairs!

They ask: "Why should we Germans have to pay for the economic folly of other nations — even if they are our allies?" "Why should we sacrifice while others fritter away their economic advantages in paralyzing strikes, industrial mismanagement, pleasure-spending sprees — and live totally beyond their means?"

Many can now see the handwriting on the wall of France. Political instability and economic disaster lie dead

ahead — unless someone can take hold of the French helm of state and the French mind and change course — immediately!

We need to remember that, before De Gaulle's presidency in France, French governments usually lasted only a matter of months — 26 successive governments rose — then fell — between 1945 and 1958! When De Gaulle assumed power in 1958, order and stability were established in that unstable country. Now that he is gone, political and economic instability again stalk that nation.

In the ensuing economic chaos and instability, West Germany will be sure to benefit — economically and politically. The nations of Europe will be forced to accept West Germany as the primary bulwark of strength and stability.

The United-States-of-Europe movement will soon gain momentum, now that De Gaulle is gone. *Germany will play the dominant role in this movement!* Britain will fall further behind Germany. For economic reasons, she will probably never attain full membership in the Common Market.

But if she should finally gain partial membership in the EEC, she will *NOT* long continue as a member. Rather, she will later become an economic and military *target* of a powerful union of European States — and so will the United States!

Regardless of whoever is at the helm of France's government from now on, you will see more *chaos and instability!* She will stumble from one crisis to another — playing a subordinate role to Germany! This is absolutely certain. You will not have long to wait.

*Watch France! Also, watch Western Germany!* World-shaking events are unfolding right now before your very eyes. These important events were foretold in advance news reports in your Bible thousands of years ago. They *will* come to pass exactly as predicted!

If you wish to know more about the future of nations such as Britain, the United States and France, then write for our free book entitled *The United States and British Commonwealth in Prophecy*.

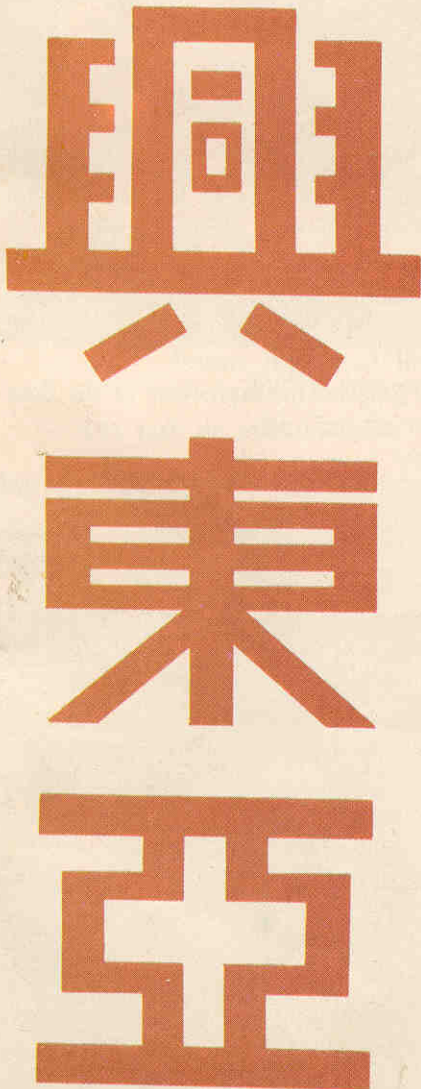


# JAPAN SPEAKS OUT TO THE WEST

## —But Are We Listening?

*The old view of the Orient — a land of hungry little yellow men eating a bowl of rice — is finished. The West has been brought face to face with a new giant — the rising influence of the Far East in world affairs. Here's why Japan speaks out for Asia — and why the West needs to listen!*

by Ernest L. Martin



Japanese characters symbolizing "the emerging to power of the Orient."

Tokyo, Japan  
**T**HE ORIENT is coming alive! Surging through the hearts of peoples in East Asia is the fervent belief that the destiny of the human race resides with them.

Wherever you go — Japan, Hong Kong, the Philippines, Korea, Vietnam — there is the strange feeling that either world suicide or world peace is to be found in the Orient.

### Why Asians Look to the Future

And there is reason for this conviction. There are some 700 million Chinese who are daily taught that the inevitable domination of the world by Chinese-style Communism is simply a matter of time.

And Japan? Here is a nation that lay prostrate in total defeat a mere 25 years ago. Today Japan is an economic giant of the Orient, and indeed of *the whole world*. Japan has the highest gross national product, next to the United States, in the world. The production of steel, cars and ships, among many other industries, has increased 1,400% in the last 9 years. While most Western countries are levying more and more taxes on their people, Japan recently granted her citizens a tax cut of over \$400,000,000. Japan is moving ahead, fast.

Hong Kong is having its greatest boom. Even Vietnam, with the billions

of dollars being poured into the country by the United States, is prospering in spite of the war.

And on the political scene, Burma's U Thant speaks out plainly for all the world to hear: if East and West can't put their houses in order in another ten years, civilization is finished!

### Political Importance of the Orient

Why does the East suddenly appear to have political power far beyond its real economic and military capacity?

Look at Vietnam. That "unwinnable" war is draining the strength of the world's mightiest power. Yet Vietnam is not much bigger than the State of Nevada. Curiously, world attention on the Vietnam war is giving the Vietnamese people a feeling of international importance — a feeling that world destiny may after all be in their hands.

Then there is the Korean situation. Here in Japan, President Nixon's decision not to retaliate against North Korea for the downing of the EC 121 reconnaissance plane was regarded as probably necessary. But Orientals took it as a sign of weakness on the part of the United States. A fourth-rate Asian power, as North Korea is, getting away with outright warlike acts makes the North Koreans feel many times more important than they really are. But the truth is, that pseudo-importance becomes



a reality when decisive action by the U. S. is not forthcoming.

Now look at East Asia's number-one power: Japan. Its dominance in the Orient is no accident. It must be admitted that hard work and a proper use of the intellect has helped to get Japan to its current position of power. (The fact that the U. S. has provided, up to now, a nuclear umbrella over Japan and has released the nation from huge military burdens, also aided recovery.)

There is an exuberance and an optimism among Japanese everywhere. On the streets of Tokyo the common sight is to see groups of men and women, boys and girls, talking, laughing — seemingly enjoying life. The people display an energy and vitality that is not seen anywhere else in the Orient, or in most places of the world. You could hardly believe that these people were defeated a generation ago in World War II. The sprawling city of Tokyo is full of cars, beautiful department stores, neon lights. If any city could be seen at night from the moon, Tokyo must surely be the brightest. In short, Japan could vie with almost any country on earth and come up with high marks for its industry, prosperity and level of culture.

#### Japanese Speak Out

There is no doubt that Japan is a key nation in the East. As an example

of Japan's newfound place in world importance, one Japanese organization strongly emphasizes this new role: the Soka Gakkai. This is the new Buddhist lay fraternity that has had a phenomenal rise to prominence in the past few years. While many Japanese speak with disdain about the new organization and its philosophies, it has to be admitted that the Soka Gakkai is beginning to speak the mind of contemporary Japan, especially its youth. After all, an organization which had a mere few thousand adherents immediately after the last war and can now place some 20 million men, women and children on its rolls must be of some consequence. The growth phenomena of the Soka Gakkai cannot be taken as accidental and non-representative of current Japanese thinking.

According to the philosophy of the Soka Gakkai, Japan and the Japanese people have been ordained by the power of the Buddhistic spirit to bring peace and civilization to the entire world. The leaders of the movement are intelligent, youthful, dynamic and neat, conservative dressers. They emphasize clean living, useful lives, and family-togetherness. The basis of their belief is centered in the teachings of a 13th century Japanese Buddhist. To them, true Buddhism, not Christianity or any other Western religion, will bring peace to the world. It

is Japan, they insist, which is destined to bring that peace.

The Soka Gakkai believe that the Japanese nation will finally adhere to the new Buddhism. From Japan they hope to reach out with their teachings to absorb Korea, China, then all of Southeast Asia — traditional Buddhist homelands. The form of government these nations take (at least in name) is not terribly important so long as the principles of Nichiren Shoshu Buddhism be taught and believed.

The fact that mainland China is now a communistic state makes little difference at the present time because the temperament of the Chinese and Southeast Asian peoples has not changed over thousands of years. The Soka Gakkai believe these peoples are Orientals at heart and their communism is strongly influenced by native Chinese ways — among which Buddhism plays a part. They firmly believe that the time is coming when Japan, China and Southeast Asia will be united in bringing peace to the world. One of their chief desires is to bring to India their form of Buddhism — because the original Buddha came from that country. With India, the Soka Gakkai believe a spring-board for bringing peace to the world will have been created.

Whether the aspirations of the Soka

*(Continued on page 19)*

**JAPAN'S SUPER TECHNOLOGY** — Below, Japan's Super Express provides the fastest train service in the world — reaching speeds of 125 miles per hour. Right, Japanese Yamaha motorcycles on display in Manila, Philippines.

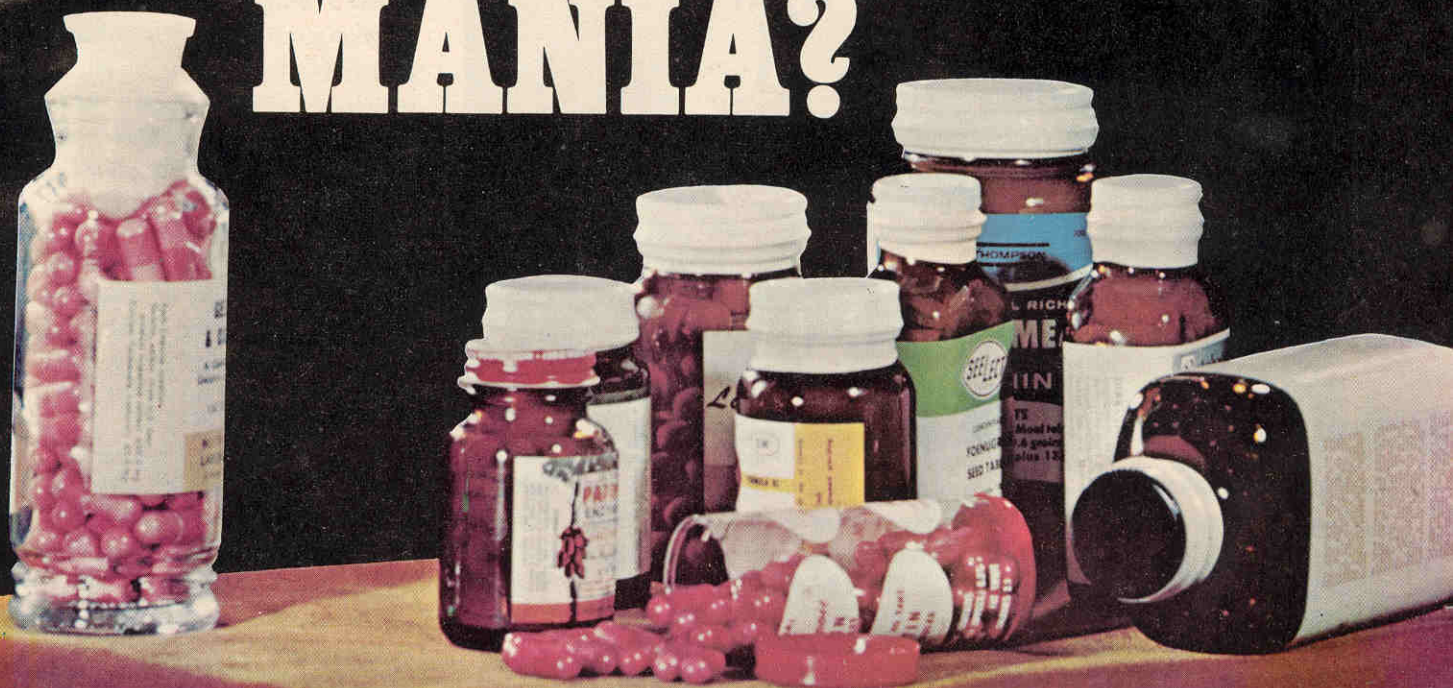
*Japan Bureau of Statistics (below)  
Ortiguero — Ambassador College (right)*





What's behind the

# PILL-POPPING MANIA?



**WHY** are young people turning on with drugs? What's behind the modern adult pill-popping mania? How can YOU safeguard YOUR CHILDREN from the dangers of DRUGS?

by Leslie A. McCullough and the Ambassador College Research Staff

SOME ten million individuals take pep pills. Twice that many take barbiturates or sleeping pills. Another three million down tranquilizers. Why?

This is the startling estimate of John Cashman, author of the book, *The LSD Story*.

Again we ask, why? What has gone wrong with Society?

## Dangerous Drugs

According to Cashman, "The thousand drug manufacturers who handle amphetamines [pep pills] and barbiturates [sleeping pills] crank out *thirteen billion doses a year, enough to supply every man, woman and child in this*

*country with twenty-four doses of sleeping pills and thirty-five doses of pep-up pills."*

Who takes them? Let Cashman answer: "At least *half* of these pills, capsules and tablets ultimately find their way into the black market every year . . . At least two million persons use amphetamines, barbiturates and tranquilizers annually without ever seeing a doctor or handling a prescription. They underwrite a \$250,000,000-a-year black market traffic in the drugs" (page 106, emphasis ours).

Abuse of the amphetamines and barbiturates is the most astonishing aspect of the drug scene. Their abuse is

rising far faster than other potent drugs. And, in *many* respects, they are the *MOST dangerous* drugs!

Barbiturates themselves account for a steady three thousand deaths a year in the United States. The amphetamines are no less dangerous. Former Food and Drug Commissioner George P. Larrick declared that the use of these two types of drugs has "contributed to the rising toll of deaths on our highways, juvenile delinquency, violent and bizarre crimes, suicides, and other antisocial behavior" (*ibid*, p. 107).

In the past ten years, seizures of these dangerous drugs, for example, in Los





Kilburn — Ambassador College

**THE DRUG PROBLEM** — Books and pamphlets on all forms of drug abuse highlight skyrocketing problem.

Angeles have shot upward by 5,876 percent — or almost *SIXTY TIMES!* This is a far more alarming rise than the increases in heroin and marijuana, alarming enough by themselves.

The abuse of pep pills and sleeping pills has international implications. Black markets flourish in such places as Japan, Sweden, England, and Canada, as well as the United States.

Some people use *both* — amphetamines to “get going” in the morning, and barbiturates to “slow down” — thus compounding their dangerous effect!

Although heroin addiction is considered the lowest a person can go in dope depravity, the fact is barbiturate addiction is *WORSE* and harder to escape when a person is “hooked.” Addicts coming off barbiturates tend to have convulsions, suffer brain damage, damage to reflexes and muscular coordination. And there is an alarming tendency toward violence.

#### Why Pill Gulpers?

Never in all history have so many people gulped pills to wake up, or to go to sleep; to relax, or to stay awake; to

gain weight, or to lose weight; to avoid conception, or to help it along.

James L. Goddard, former Commissioner of the FDA, put the problem bluntly: “More and more of us are becoming dependent on drugs, hiding from the realities of life — or using them just for thrills. Drug abuse cannot be connected only with narcotics users. The alarming rise in the abuse of stimulant, depressant and hallucinogenic drugs cuts across all strata of society.”

We are fast becoming a *DRUG-DEPENDENT CULTURE*. Nationwide, authorities estimate that *HALF THE POPULATION* — or 100 million Americans — use drugs, including excessive alcohol, amphetamines, barbiturates and tranquilizers! And this figure excludes LSD and marijuana. America’s drug cult involves people from all walks of life.

Most people who abuse drugs today do so to relieve anxiety. And since society, today, is “pill oriented,” the first thing people think of when they “hurt” is to take a pill!

Housewives, trying to lose weight, sometimes get hooked on amphetamines. Many middle-income people have drinking problems, and use pills to

help the hangover. The trouble is, the “cure” is worse than the original problem. A dangerous cycle begins, and many become hooked.

Some drug abusers over 65 years of age take pills to blunt the fear of old age. Many addicted to pills don’t even realize it themselves. Some make the rounds of several different doctors to fill their needs with prescription drugs. Often a drug problem initially begins by taking medication for a disease. The prescribed drugs begin to fill an emotional or psychological need. The patient forms a *dependence* on them. The drugs make them “feel good.” They make life easier to cope with, for a while.

Kids are certainly not the only ones affected by the abuse of drugs. Frankly, when you analyze the problem, you see that one *MAJOR CAUSE* of drug abuse among the young is the *EXAMPLE SET BY PARENTS!*

Oh, of course there are certain differences — but young people actually receive the *pattern of drug abuse* from their pill-popping, amphetamine-gulping, barbiturate-swallowing *PARENTS!*

The very *FIRST INTRODUCTION* most children get to drugs is the home medicine cabinet. “Medicine cabinet roulette” is a drug game played with growing frequency by young children looking for kicks and fun. *Right at home* they often begin using mom’s weight pills, diet pills, or dad’s tranquilizers, on the sly. Said Ray Bellinger of the Florida State Bureau of Narcotics: “This is a *MAJOR SUPPLY* of drugs for kids. The majority of those found in high schools come from the family medicine cabinet.”

Bellinger warned that young people sometimes drink up to a quart a day of cough syrup just to get a drop of codeine.

#### Enter — Big Business!

Martin Gross, in his revealing, documented book *The Doctors*, asserted, “There is no doubt that America is currently involved in a *massive, promiscuous* ADDICTION to the concept of medication. Having oversold itself on the miracles of pharmacology, it is hypnotically ingesting as much chemical matter as gracious physicians [who,



naturally, do not pay the exorbitant bill} will prescribe. *The drug binge* costs the U. S. alone four billion, three hundred million dollars a year for 782,000,353 drugstore prescriptions [four for every person, not including drugs received in the hospital] and an additional one billion eight hundred million dollars sold over the counter in more diluted form" (*The Doctors*, p. 486).

Big business, indeed!

With Madison Avenue advertising techniques, drug companies today bombard the public with drug advertisements, from aspirins to seltzers, from cough medicines to sleep inducers. Television drug ads are as common as daily sunshine — in fact, even more common in some cases.

There are so many brand-name drugs on the market, today, that doctors themselves cannot keep up with the new ones!

The drug business is so enormously lucrative, that as early as 1950 the underworld moved in and began pushing counterfeit drugs. During fiscal 1965 Americans spent an average of \$21 per

capita for medication. Now we spend over \$30 yearly per person.

### A Pill for Every Problem

There are pills of every description, pills of every color, pills of all different sizes. There are instant-acting pills, delayed-action pills, candy-coated pills and chocolate-covered pills.

But despite millions of tranquilizers, people on the whole are not more tranquil, today. Despite billions of barbiturates, there is no proof people are resting better or staying calmer. Despite billions of amphetamines, people are not more active, more alert, more energetic.

It's all a big hoax. But millions are duped, deceived victims swallowing a pill any time they feel sick, have a headache, or want to go to sleep. Millions, at the slightest sign of discomfort, gulp pills.

"Relief is just an instant away," blare the ads. When tranquilizers first hit the market, they rose fast on the popularity list. Forty million prescriptions were ground out annually and over FIFTY MILLION Americans found solace by belting five billion tranquil-

izers a year (Johnson, *The Pill Conspiracy*, p. 22).

Millions have become dependent on these innocuous-sounding pills. Millions feel they cannot function properly without a *chemical curtain* between them and reality. Before they realize it, they find themselves hopelessly dependent on the chemical — virtually HOOKED!

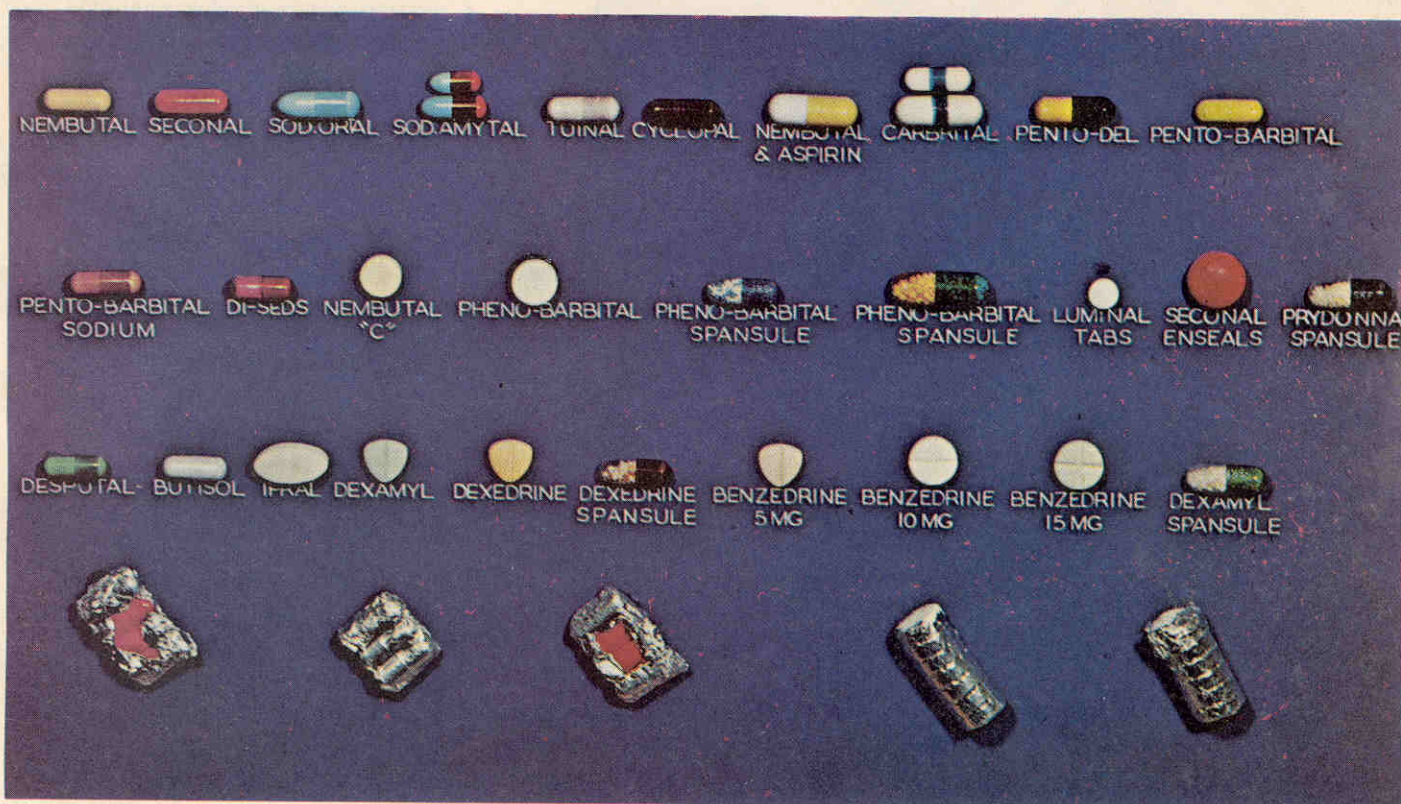
### WHY Do Young People Turn to Drugs?

Escapism is a primary reason millions are turning to drugs. The pressures of the modern world, the fear of "The Bomb," and the desire to get one's kicks while there is still time, influences many youths to try drugs.

Another basic cause is simply curiosity. A desire to find out what it's like. A large number "turn on" for this reason alone.

And of course, the lust for new kicks, thrills, and pleasures — the desire for self-gratification — causes many more multiple thousands to try marijuana, dangerous drugs, or hallucinogenic drugs.

Another cause for increasing drug



Gentry — Ambassador College

**DANGEROUS DRUGS** — Display set up by Narcotics Division of Los Angeles Police Department. Use of barbiturates and amphetamines (stimulants) is currently one of the biggest problems in drug abuse.



abuse is simply REBELLION. Youth in general appear to be alienated against "the Establishment," the war in Vietnam, the military, and everything that their parents represent. They are disgusted with the "rat race" and "keeping up with the Joneses." Therefore they rebel — turn away — and seek new solutions, new ideas, new pleasures, new values. Drugs excite them, and make them feel they are getting away with something.

Another prime cause, of course, we have already mentioned — the pill-popping EXAMPLE of their elders! One pill is no worse than another, they reason. Besides, many teachers, psychologists, and peers tell these young kids that marijuana isn't harmful and drugs won't hurt them.

A large number of young people turn to drugs because in their crowd "it is the thing to do." They are influenced by other kids their age, the so-called "IN" group. They see friends taking drugs, and don't see any immediate harmful effects. So, perhaps on a dare, they try them.

Many youngsters are basically conformists, although they would never admit it. They conform to their *own* crowd, however — not to their parents' crowd.

A few seek an inner "religious" experience through drugs. They want to explore their inner being, expand their mind, and obtain self-introspection by drugs. The so-called "mind-expanding" drugs, according to their advocates and missionaries, such as Timothy Leary, are said to bring about a true *religious experience* and help a person to know himself, and God. This has led thousands astray into the path of drug abuse, sometimes resulting in *psychoses and paranoia*, but never in true spiritual religious awareness!

Boredom is another major reason millions try drugs. They have no driving PURPOSE in life which thrills them, motivates them, inspires them. They feel flat, dull, bored, jaded, tedious. They seek excitement, fun, glamour — and think drugs are the answer.

Drugs, however, do NOT give purpose to life. They confuse it, distort it,

scramble it up. If you want to know the PURPOSE of life, and WHY you were born, write for our free booklet on this subject, *Why Were You Born?*

### How Can You Spot a Drug User?

If you are a parent, you may wonder if your children are taking drugs. Is there a way you can tell?

There are actually few signs by which a person can be certain of recognizing drug addiction. Even if these signs are present, they do not necessarily constitute proof positive.

Nevertheless, here are certain keys to be aware of, in case you have reason to be suspicious:

1. Hypodermic marks, sores, scabs, scar-tissue, or marked discolorations, where the addict may "shoot" the drug. The individual, feeling guilty, may attempt to hide them from view. This may be accomplished by wearing long-sleeved clothing consistently.
2. Drowsiness and yawning; general apathy.
3. Discolored whites of eyes; watery eyes (don't confuse symptoms with common cold!).
4. While under the influence, poor reaction to light by pupils of eyes. Either contracted or dilated pupils, depending on the type of drug.
5. Antisocial or abnormal ideas; lessened moral sense. Marked disregard for other persons.
6. Restlessness, abnormal body movements. Minor facial or body spasms.
7. Stomach sensitive to food intake. Either greatly increased appetite or too little desire for food.
8. Extensive use or knowledge of narcotics slang.
9. Evidence of withdrawal symptoms: uneasiness, irritability, yawning, mucus running from nose, severe aches, stomach cramps, vomiting, diarrhea, muscular spasms, constant twitching.
10. Any marked and sudden CHANGE (deterioration) in general bearing and attitude, such as lack of personal hygiene, unkempt hair, lack of concern about studies in school, general indifference and uncommunicativeness.
11. Wrong associations, secretive,

suspicious-looking friends and "buddies."

If you are a parent and want to protect your children from the nefarious evils of drug abuse, then you need to be alert at all times. You need to have an active INTEREST in your children. If you have a warm, loving, affectionate HOME LIFE, with family activities and family UNITY, there is much less need to worry or be anxious.

But if YOU are a pill-popper, don't be too surprised if junior becomes a "pill-head" as well! The old adage, like father, like son, is all too true!

You parents should KNOW where your children are *at all times*, day and night. You need to KNOW always with whom they are associating. Be aware of their interests, their grades in school. Keep up the ties of family togetherness, conversation, and communication. These are strong safeguards against drug abuse. A little parental checking up will do no harm.

Also, you should frankly *discuss* the subject of increasing drug abuse with your children, especially if they are already teen-agers. Don't let them find out about these things at school, on the street, or from other youths. If they do, you can be sure the information they receive will be dangerously warped and full of error! There is far too much mythology and too many lies in circulation concerning drugs and their supposed "good" qualities. You can be sure that your children will not get the "straight scoop" from some local hippie, some "pot head" or "acid head."

Educate your children IN ADVANCE, so they will know, and KNOW THEY KNOW, and be well aware of the dangers of drug abuse! *Prevention is the real cure.* It is the only 100 percent effective antidote to dope!

### Build a Happy Home

If you want to protect your children from turning to pot, and popping pills, you need to take stock of YOUR *home life*. What does it offer? Is life just one long boring routine without great interests or family projects?

You CAN have an abundant, interesting, HAPPY home if you want to. But if you don't, don't be too sur-



prised if your children begin looking elsewhere for kicks, fun, entertainment.

In the affluent society, with many boasting backyard swimming pools and barbecues, two cars to a family — it would seem strange that children become *bored* with it all and want something NEW. Yet, they do! Why?

Because they lack the right kind of scintillating CHALLENGE. The right kind of INTEREST.

Ask yourself: Is yours *really* a HAPPY home, with family LOVE, unity, and understanding?

A happy, warm, secure, loving home is the BEST way to safeguard your children's future — the best way to keep your young ones away from the temptations they may encounter among friends at school. But if your home is a broken, shattered, divided home, filled with arguments, hostility, hatreds, rebellion, insults, antagonisms, feuds, then don't count on being able to help your children keep away from drugs. It may seem to them to be the only way of ESCAPE!

DO YOU SPEND TIME *TEACHING* THEM, showing them the dangers of taking pot, LSD, or any of the other drugs?

Above all, WHAT KIND OF EXAMPLE do you set? Are you a pill-gulper yourself? Do you booze it up with alcohol, take diet pills, sleeping pills, or perk-up pills? Don't think your children won't notice it, and emulate you *in their own way* — by abusing drugs!

SEARCH YOURSELF. Examine your home life, your activities, your environment, education, and your own personal EXAMPLE!

If you find out your child has already been taking drugs, you should not blow up in anger and rage. It would do no good.

In such a case, you should investigate your own example, your home life, see where you can improve. You should sit down and have a sincere, frank father-son talk, letting him know that you will NOT condone or permit what he has been doing. But you will help him and stand by him all you can. With love, compassion, and concern, you

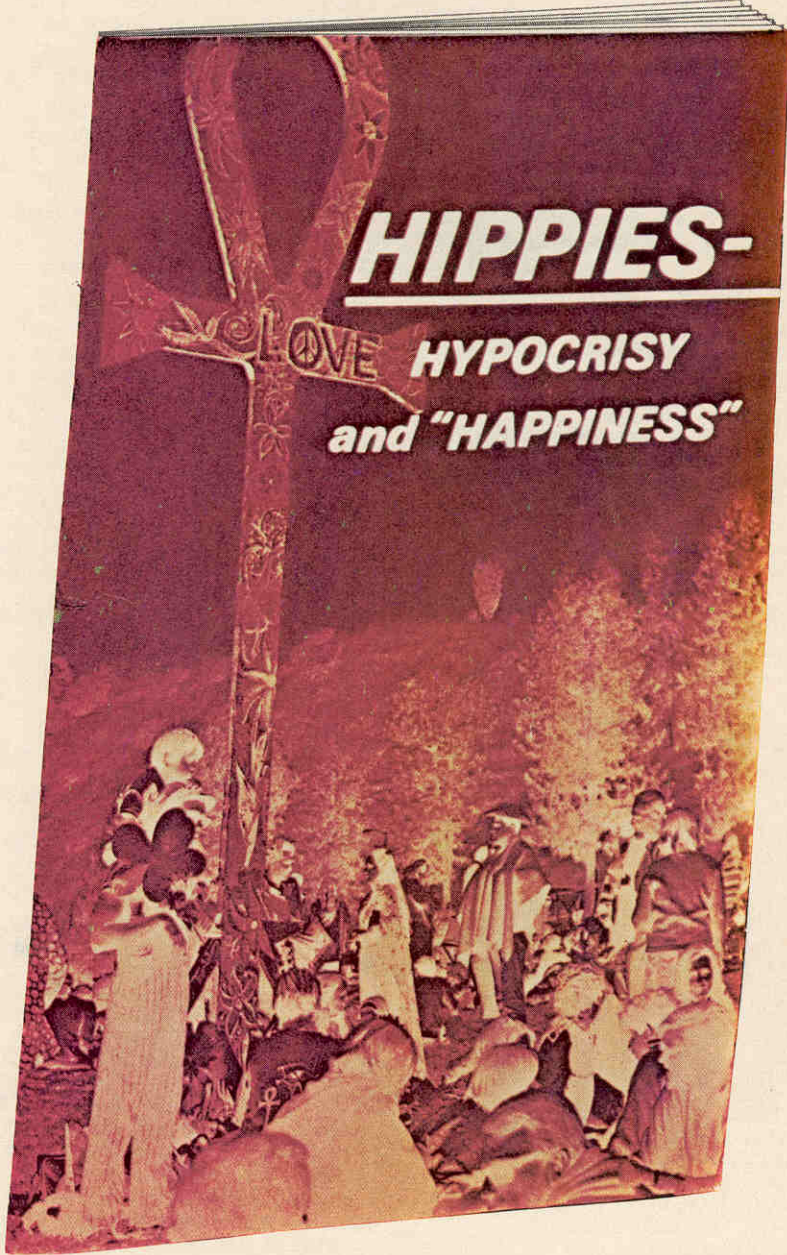
should strive to help him conquer the problem by helping him to recapture true, worthwhile, solid, good values in life.

The best answer to the chemical euphoria of drug abuse is to find and to experience the FULLNESS, the depth, the variety and richness of life itself! Then children will not want a tawdry, cheap imitation for the real thing!

If you have not read them, write immediately for our free booklets which deal with the pressures, problems, and

difficulties facing our children, today — the booklets, *Hippies, Hypocrisy, and Happiness*; and *Modern Dating — Key to Success or Failure in Marriage!*

Also write for our free literature on having the right home life — *Your Marriage Can Be Happy*, and *Why Marriage? — Soon Obsolete?* They will be of tremendous help, and open your eyes to truths you never remotely imagined. And they are all *free* of charge, sent in the public interest, for you and yours!



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**LOVE HYPOCRISY**  
**and "HAPPINESS"**

**WRITE FOR THIS BOOKLET** — You can have this 40-page, full-color, illustrated booklet free. Also, if you have not already read them, you can request the other booklets mentioned at the end of the article. For the address nearest you, see inside front cover.



# RADIO LOG

"The WORLD TOMORROW"

## MAJOR STATIONS

### East

WOR — New York — 710 kc., 11:30 p.m. Sun.  
 WHN — New York — 1050 kc., 11:30 p.m. Sun.  
 WHAM — Rochester — 1180 kc., 11:30 p.m. Mon.-Fri., 10:30 a.m. Sun.  
 WWVA — Wheeling, W. Va. — 1170 kc., 98.7 FM, 5 a.m. and 8:30 p.m. Mon.-Fri., 10:30 a.m., 8:30 p.m. Sun.  
 WRKO — Boston — 680 kc., 6:30 a.m. Sun. (WROR 98.5 FM, 8 a.m. Sun.)  
 WBAL — Baltimore — 1090 kc., 8:30 a.m. Sun.  
 WRVA — Richmond — 1140 kc., 10 p.m. Mon.-Sat., 10:30 p.m. Sun.  
 WPTF — Raleigh, N. C. — 680 kc., 94.7 FM, 1:30 & 10:30 p.m. Mon.-Sat., 9:30 a.m. Sun.  
 WBT — Charlotte, N. C. — 1110 kc., 8 p.m. Mon.-Fri., 11:05 p.m. Sun.

### Central States

WLAC — Nashville — 1510 kc., 5 a.m. Mon.-Sat., 7 p.m. daily, 6:30 a.m. Sun.  
 WSM — Nashville — 650 kc., 9 p.m. Sun.  
 WCKY — Cincinnati — 1530 kc., 5 a.m. Mon.-Fri., 5:30 a.m. Sat., 12 midnight Tues.-Sun., 7, 9:30 p.m. Sun.  
 WLW — Cincinnati — 700 kc., 7 a.m. and 11:05 p.m. Sun.  
 WJJD — Chicago — 1160 kc., 11 a.m. Sun.  
 WISN — Milwaukee, Wis. — 1130 kc., 10:30 p.m. Sun.-Fri., 9 a.m. Sun., 97.3 FM, 8 p.m. daily.  
 KSTP — Minneapolis-St. Paul — 1500 kc., 5 a.m. Mon.-Sat., 8 a.m. Sun.  
 KXEL — Waterloo — 1540 kc., 9:30 p.m. Mon.-Sat., 8 p.m. Sun.  
 KRVN — Lexington, Nebr. — 880 kc., 3 p.m. Mon.-Sat., 10:30 a.m. Sun.  
 KXEN — St. Louis — 1010 kc., 7:15 a.m. & 12 noon Mon.-Sat., 10:30 a.m. & 4 p.m. Sun.

### South

KRLD — Dallas — 1080 kc., 8:10 p.m. daily.  
 WFAA — Dallas — 820 kc., 10:45 p.m. Mon.-Sat.  
 KTRH — Houston — 740 kc., 7:30 p.m. Sun.-Fri.  
 WOAI — San Antonio — 1200 kc., 5 a.m. Mon.-Sat., 10:05 p.m. Sun.  
 KWKH — Shreveport — 1130 kc., 1 p.m. & 9:30 p.m. Mon.-Fri., 11:30 a.m. & 11:30 p.m. Sat., 10:30 a.m. & 9:30 p.m. Sun.  
 WNOE — New Orleans — 1060 kc., 9:30 a.m. Sun.  
 KAAY — Little Rock — 1090 kc., 5:15 a.m., 7:30 p.m. Mon.-Sat., 9:30 a.m., 7:30 p.m. Sun.  
 WGUN — Atlanta — 1010 kc., 11 a.m. Mon.-Sat., 4 p.m. Sun.  
 WAPI — Birmingham — 1070 kc., 10 a.m. Sun.  
 WMOO — Mobile — 1550 kc., 7 a.m. Mon.-Sat., 10:30 a.m. Sun.  
 WINQ — Tampa — 1010 kc., 12 noon Mon.-Fri., 12:10 p.m. Sat., Sun. (CST)

KRMG — Tulsa — 740 kc., 10 a.m. Sun.  
 \*Asterisk indicates new station or time change.

XEG — 1050 kc., 9:30 p.m. daily.

### Mountain States

KOA — Denver — 850 kc., 9:30 a.m. Sun.  
 KSWR — Roswell, N. Mex. — 1020 kc., 6:30 a.m. daily.  
 KSL — Salt Lake City — 1160 kc., 5:30 a.m., 11:15 p.m. daily.  
 XELO — 800 kc., 8 p.m. daily. (MST)

### West Coast

KIRO — Seattle — 710 kc., 10:30 p.m. Mon.-Fri., 5:30 a.m. Mon.-Sat.  
 KRAK — Sacramento — 1140 kc., 9 p.m. daily.  
 KFAX — San Francisco — 1100 kc., 12:30 & 4:15 p.m. Mon.-Fri., 8:30 a.m. & 12:30 p.m. Sat., 10 a.m. Sun.  
 KFI — Los Angeles — 640 kc., 9 p.m. Sun.  
 KGBS — Los Angeles — 1020 kc., 97.0 FM, 6:05 a.m. Mon.-Sat., 10 a.m. Sun.  
 XERB — Lower Calif. — 1090 kc., 7 p.m. daily.

## LEADING LOCAL-AREA STATIONS

### East

WBMD — Baltimore — 750 kc., 12:30 p.m. daily.  
 WPEN — Philadelphia — 950 kc., 5:30 a.m. & 6:30 p.m. Mon.-Sat., 7 a.m. Sun.  
 WPIT — Pittsburgh — 730 kc., 101.5 FM, 12 noon Mon.-Fri., 1:30 p.m. Sat., 11 a.m. Sun.  
 WEDO — Pittsburgh — 810 kc., 7:30 a.m. Mon.-Sat.  
 WHP — Harrisburg, Pa. — 580 kc., 7:30 p.m. daily.  
 WJAC — Johnstown, Pa. — 850 kc., 7:30 p.m. daily.  
 WSAN — Allentown, Pa. — 1470 kc., 6:05 p.m. Mon.-Fri., 7:05 p.m. Sat., 8:30 p.m. Sun.  
 WSCR — Scranton, Pa. — 1320 kc., 12:30 & 6:30 p.m. daily.  
 \*WBRE — Wilkes-Barre Pa. — 1340 kc., 98.5 FM, 12:30 p.m. daily.  
 WCHS — Charleston, W. Va. — 580 kc., 7:00 p.m. daily.  
 WCAW — Charleston, W. Va. — 680 kc., 12 noon daily.  
 WTVR — Richmond, Va. — 1380 kc., 7 p.m. daily.  
 WCYB — Bristol, Va. — 690 kc., 12:30 p.m. daily.  
 WLOS — Asheville, N. C. — 1380 kc., 99.9 FM, 6:30 p.m. Mon.-Sat., 12 noon Sun.  
 WPAQ — Mount Airy, N. C. — 1050 kc., 1:05 p.m. Mon.-Sat., 9:30 a.m. Sun.  
 WFNC — Fayetteville, N. C. — 940 kc., 98.1 FM, 1 p.m. daily.  
 WNCT — Greenville, N. C. — 1070 kc., 9 p.m. daily.  
 WAAT — Trenton, N. J. — 1300 kc., 6 a.m. daily, 12 noon Mon.-Sat., 9:30 a.m. Sun.  
 WVNJ — Newark, N. J. — 620 kc., 6 a.m. Mon.-Sat.  
 WEVD — New York — 1330 kc., 97.9 FM, 10 p.m. daily.  
 WVOX — New Rochelle, N. Y. — 1460 kc., 93.5 FM, 6:30 a.m. Mon.-Sat., 8 a.m. Sun.  
 WBNX — New York — 1380 kc., 9:15 a.m. Sun. (in Spanish).

WOKO — Albany, N. Y. — 1460 kc., 6:30 p.m. daily.  
 WIBX — Utica, N. Y. — 950 kc., 7:30 p.m. daily.  
 WWOL — Buffalo, N. Y. — 1120 kc., 4 p.m. Sat., 10 a.m. Sun.  
 WHLD — Niagara Falls, N. Y. — 1270 kc., 12:30 p.m. Mon.-Sat., 1:30 p.m. Sun.  
 WWNH — Rochester, N. H. — 930 kc., 7:05 p.m. Mon.-Sat., 9:05 a.m. Sun.  
 WDEV — Waterbury, Vt. — 550 kc., 6:30 p.m. Mon.-Sat., 8 p.m. Sun.  
 WPOR — Portland, Me. — 1490 kc., 9 a.m. Sun.  
 WCSH — Portland, Me. — 970 kc., 6:30 p.m. Mon.-Sat., 7:30 p.m. Sun.  
 WCOU — Lewiston, Me. — 1240 kc., 9:30 p.m. Sun.  
 WLBZ — Bangor, Me. — 620 kc., 6:30 p.m. Mon.-Sat., 7:30 p.m. Sun.  
 WRYT — Boston — 950 kc., 6 a.m. Mon.-Fri., 12:30 p.m. Mon.-Sat., 12 noon Sun.  
 WBET — Brockton, Mass. — 1460 kc., 7:05 p.m. daily.  
 WMAS — Springfield, Mass. — 1450 kc., 94.7 FM, 6:30 p.m. Sun.  
 WACE — Chicopee, Mass. — 730 kc., 12:30 p.m. daily.  
 WHMP — Northampton, Mass. — 1400 kc., 8:30 p.m. Sun.  
 WJAR — Providence, R. I. — 920 kc., 6:30 p.m. daily.  
 WNLC — New London, Conn. — 1510 kc., 8:30 p.m. Sun.

### Central

WSPD — Toledo, Ohio — 1370 kc., 9:05 p.m. Mon.-Sat., 9 p.m. Sun.  
 WERE — Cleveland — 1300 kc., 10:30 p.m. daily.  
 WSLR — Akron, Ohio — 1350 kc., 8 p.m. daily.  
 WFMJ — Youngstown, Ohio — 1390 kc., 10:30 p.m. daily.  
 WBNS — Columbus, Ohio — 1460 kc., 8:30 p.m. daily.  
 WBRJ — Marietta, Ohio — 910 kc., 12:30 p.m. daily.  
 WCLU — Cincinnati — 1320 kc., 12 noon daily.  
 WBCK — Battle Creek, Mich. — 930 kc., 7 p.m. Mon.-Fri., 12:30 p.m. Sat., Sun.  
 WKMF — Flint, Mich. — 1470 kc., 6:30 p.m. daily.  
 WIDG — St. Ignace, Mich. — 940 kc., 12:15 p.m. daily.  
 WDBC — Escanaba, Mich. — 680 kc., 6 a.m. Mon.-Sat.  
 WJPD — Ishpeming, Mich. — 1240 kc., 6:30 p.m. daily.  
 KWKY — Des Moines, Iowa — 1150 kc., 12:30 p.m., 9:30 p.m. daily.  
 WMT — Cedar Rapids — 600 kc., 11:30 a.m. Sun.  
 KMA — Shenandoah, Ia. — 960 kc., 8:30 p.m. daily.  
 WOC — Davenport, Ia. — 1420 kc., 10 p.m. daily.  
 KGLO — Mason City, Ia. — 1300 kc., 6:30 p.m. Mon.-Sat., 7:30 p.m. Sun.

(Continued on next page)



# RADIO LOG

"The WORLD TOMORROW"

KOZN — Omaha, Nebr. — 660 kc., 12:20 p.m. Mon.-Sat., 12:30 p.m. Sun.  
 KMMJ — Grand Island, Nebr. — 750 kc., 4 p.m. daily.  
 KSOO — Sioux Falls, S. Dak. — 1140 kc., 6:45 p.m. daily.  
 WNAX — Yankton, S. Dak. — 570 kc., 7:30 p.m. daily.  
 KFYZ — Bismarck, N. Dak. — 550 kc., 7 p.m. daily.  
 KFGO — Fargo, N. Dak. — 790 kc., 7 p.m. Mon.-Fri., 7:10 p.m. Sat. & Sun.  
 WEAW — Chicago — 1330 kc., 8 a.m. & 12:15 p.m. Mon.-Sat., 9:30 a.m. Sun. (105.1 FM, 7 a.m. Mon.-Sat., 8 p.m. Sun.)  
 WJOL — Joliet, Ill. — 1340 kc., 9:30 p.m. daily.  
 WXCL — Peoria — 1350 kc., 7:05 p.m. daily.  
 WITY — Danville, Ill. — 980 kc., 7 p.m. daily.  
 WWCA — Gary, Ind. — 1270 kc., 6:30 p.m. Mon.-Sat., 4 p.m. Sun.  
 \*WSBT — South Bend — 960 kc., 9 p.m. daily.  
 WJOB — Hammond, Ind. — 1230 kc., 7 p.m. Mon.-Sat., 6:30 p.m. Sun.  
 WIBC — Indianapolis — 1070 kc., 9:30 p.m. Sun.  
 KLIK — Jefferson City, Mo. — 950 kc., 1 p.m. daily.  
 KFVS — Cape Girardeau, Mo. — 960 kc., 7 a.m. Mon.-Sat., 9:15 a.m. & 7:30 p.m. Sun.  
 KWTO — Springfield, Mo. — 560 kc., 6:30 p.m. daily.  
 KFEQ — St. Joseph, Mo. — 680 kc., 7 p.m. daily.  
 KUDL — Kansas City, Mo. — 1380 kc., 5:40 a.m. Mon.-Sat., 8:30 a.m. & 11 p.m. Sun.  
 KFSB — Joplin, Mo. — 1310 kc., 12:30 p.m. Mon.-Sat., 6:30 p.m. Sun.  
 WIBW — Topeka, Kans. — 580 kc., 9:30 p.m. Mon.-Sat., 9 a.m. Sun.  
 KFDI — Wichita, Kans. — 1070 kc., 10 p.m. Mon.-Sat., 10 a.m. Sun.  
 KFH — Wichita, Kans. — 1330 kc., 100.3 FM, 6:30 p.m. Mon.-Sat., 9:30 a.m. Sun.  
 KBEA — Mission, Kans. — 1480 kc., 7 p.m. daily.  
 KGGF — Coffeyville, Kans. — 690 kc., 6 p.m. daily.  
 KUPK — Garden City, Kans. — 1050 kc., 97.3 FM, 12:30 p.m. Mon.-Sat., 12:15 p.m. Sun.  
 KXXX — Colby, Kans. — 790 kc., 8:30 a.m. Mon.-Sat., 11:30 a.m. Sun.  
 KQRS — Minneapolis — 1440 kc., 92.5 FM, 8:30 p.m. daily.  
 WEBC — Duluth, Minn. — 560 kc., 6:30 p.m. daily.  
 WIBA — Madison, Wis. — 1310 kc., 7:05 p.m. Mon.-Fri., 6:05 p.m. Sat., Sun.  
 WYLO — Milwaukee, Wis. — 540 kc., 12:30 p.m. Mon.-Sat., 10 a.m. Sun.  
 WNFL — Green Bay — 1440 kc., 6:30 p.m. Mon.-Sat., 5 p.m. Sun.  
 \*WSAU — Wausau, Wis. — 550 kc., 7 p.m. daily.  
 WCOW — Sparta, Wis. — 1290 kc., 6:30 a.m. Mon.-Sat., 10 a.m. Sun.

**South**

KEES — Gladewater, Tex. — 1430 kc., 12 noon daily.  
 KTBB — Tyler, Tex. — 600 kc., 12 noon daily.  
 KLVI — Beaumont, Tex. — 560 kc., 6:30 p.m. daily.  
 KTBC — Austin — 590 kc., 5:30 a.m. Mon.-Sat., 9:30 a.m. Sun.  
 KMCA — San Antonio — 630 kc., 7:15 a.m. Mon.-Sat., 9 a.m. Sun.  
 KCTA — Corpus Christi, Tex. — 1030 kc., 12:30 p.m. Mon.-Fri., 4:30 p.m. Sat., 2 p.m. Sun.  
 KTLU — Rusk, Tex. — 1580 kc., 1 p.m. Sun.  
 XEWG — El Paso — 1240 kc., 9 a.m. Sun. (in Spanish).  
 KNIT — Abilene, Tex. — 1280 kc., 8:15 p.m. Mon.-Sat., 8 a.m. Sun.  
 KFYO — Lubbock, Tex. — 790 kc., 11:30 a.m. Mon.-Sat.  
 KGNC — Amarillo — 710 kc., 7 p.m. daily.  
 KCTX — Childress, Tex. — 1500 kc., 11:30 a.m. Mon.-Fri., 12:15 p.m. Sat., 2 p.m. Sun.  
 KWFT — Wichita Falls — 620 kc., 8:30 a.m. Mon.-Sat., 4:30 p.m. Sun.  
 KFMJ — Tulsa — 1050 kc., 12 noon daily.  
 KBYE — Oklahoma City — 890 kc., 12:30 p.m. Mon.-Sat., 10:30 a.m. Sun.  
 KSIW — Woodward, Okla. — 1450 kc., 1 p.m. daily.  
 KXLR — Little Rock — 1150 kc., 12:30 p.m. daily.  
 KBHS — Hot Springs, Ark. — 590 kc., 12:30 p.m. daily.  
 WWOM — New Orleans, La. — 600 kc., 95.8 FM, 12:15 p.m. daily.  
 KWAM — Memphis — 990 kc., 11 a.m. Mon.-Sat., 10 a.m. Sun.  
 WMQM — Memphis — 1480 kc., 12:30 p.m. Mon.-Sat., 1 p.m. Sun.  
 WHBQ — Memphis — 560 kc., 9 a.m. Sun.  
 WFWL — Camden, Tenn. — 1220 kc., 2 p.m. Sun.  
 WDEF — Chattanooga — 1370 kc., 92.3 FM, 7:30 p.m. daily.  
 WKXV — Knoxville — 900 kc., 12 noon daily.  
 WBRC — Birmingham — 960 kc., 106.9 FM, 7:30 p.m. daily.  
 WYDE — Birmingham — 850 kc., 7 p.m. Mon.-Sat., 9:30 a.m. Sun.  
 WAAX — Gadsden, Ala. — 570 kc., 12:30 p.m. Mon.-Sat., 12 noon Sun.  
 WC V — Montgomery — 1170 kc., 6:30 p.m. daily.  
 WMEN — Tallahassee — 1330 kc., 8:30 a.m. Mon.-Sat., 10:30 a.m. Sun.  
 WFLA — Tampa — 970 kc., 7:05 p.m. daily.  
 WINZ — Miami — 940 kc., 7 p.m. daily.  
 WGBS — Miami — 710 kc., 9 a.m. Sun.  
 WFAB — Miami — 990 kc., 9 a.m. Sun. (in Spanish).  
 WFIV — Kissimmee, Fla. — 1080 kc., 7:30 a.m. Mon.-Sat., 12:30 p.m. Sun.  
 WBIX — Jacksonville, Fla. — 1010 kc., 12:30 p.m. daily.  
 WEAS — Savannah, Ga. — 900 kc., 12 noon daily.  
 WMGA — Moultrie, Ga. — 1400 kc., 6:30 p.m. Mon.-Sat., 5:30 p.m. Sun.

WCSC — Charleston, S. C. — 1390 kc., 7:15 p.m. Mon.-Sat., 6:30 p.m. Sun.  
 WKSC — Kershaw, S. C. — 1300 kc., 1:15 p.m. Sun.  
 WLAP — Lexington, Ky. — 6:30 kc., 7 p.m. Mon.-Sat., 10:30 a.m. Sun.  
 WKYX — Paducah, Ky. — 570 kc., 12:30 p.m. daily.

**Mountain States**

KASA — Phoenix — 1540 kc., 12:30 p.m. daily.  
 KCUB — Tucson — 1290 kc., 6 a.m. Mon.-Sat., 9:30 a.m. Sun.  
 KTUC — Tucson — 1400 kc., 8 p.m. daily.  
 KYUM — Yuma, Ariz. — 560 kc., 6:30 a.m. Mon.-Sat., 2 p.m. Sun.  
 KCLS — Flagstaff, Ariz. — 600 kc., 12:30 p.m. daily.  
 KGGM — Albuquerque — 610 kc., 6:30 p.m. daily.  
 KLZ — Denver — 560 kc., 106.7 FM, 7:15 p.m. daily.  
 KREX — Grand Junction, Colo. — 920 kc., 8 p.m. daily.  
 KTWO — Casper, Wyo. — 1030 kc., 6:05 p.m. daily.  
 KMOR — Salt Lake City — 1230 kc., 6:35 a.m. Mon.-Fri., 6:30 a.m. Sat., 9 a.m. Sun.  
 KBET — Reno — 1340 kc., 6:30 p.m. daily.  
 KIDO — Boise, Idaho — 630 kc., 7:05 p.m. daily.  
 KBOI — Boise — 670 kc., 6:30 p.m. daily.  
 KTFI — Twin Falls, Idaho — 1270 kc., 7:05 p.m. daily.  
 KSEI — Pocatello, Idaho — 930 kc., 8 p.m. daily.  
 KMON — Great Falls, Mont. — 560 kc., 6:30 p.m. Mon.-Sat., 8 p.m. Sun.  
 KOFI — Kalispell, Mont. — 1180 kc., 6:30 p.m. daily.

**West Coast**

KHQ — Spokane — 590 kc., 8:05 p.m. daily.  
 KEPR — Pasco, Wash. — 610 kc., 7 p.m. daily.  
 KIMA — Yakima, Wash. — 1460 kc., 6:30 p.m. daily.  
 KVI — Seattle — 570 kc., 8 a.m. Sun.  
 KBLE — Seattle — 1050 kc., 12 noon daily.  
 KTW — Seattle — 1250 kc., 102.5 FM, 7:15 a.m. Mon.-Sat., 10 a.m. Sun.  
 KMO — Tacoma, Wash. — 1360 kc., 8:30 p.m. daily.  
 KARI — Bellingham — 550 kc., 6:30 p.m. daily.  
 KWJJ — Portland — 1080 kc., 9 p.m. Mon.-Sat., 10 p.m. Sun.  
 KLIQ — Portland — 1290 kc., 92.3 FM, 7:30 a.m. Mon.-Sat., 12 noon Sun.  
 KEX — Portland — 1190 kc., 9 a.m. Sun.  
 KGAY — Salem — 1430 kc., 6:30 a.m. Mon.-Sat., 9 a.m. Sun.  
 KUGN — Eugene — 590 kc., 7 p.m. daily.  
 KUMA — Pendleton, Ore. — 1290 kc., 6:30 p.m. daily.  
 KYJC — Medford, Ore. — 1230 kc., 6:30 p.m. daily.  
 KWIN — Ashland, Ore. — 580 kc., 7:30 p.m. daily.  
 KAGO — Klamath Falls, Ore. — 1150 kc., 6:30 p.m. daily.

(Continued on next page)



# RADIO LOG

"The WORLD TOMORROW"

KSAY — San Francisco — 1010 kc., 6:15 a.m. Mon.-Sat., 8:30 a.m. Sun.  
 KFRC — San Francisco — 610 kc., 106.1 FM, 7 a.m. Sun.  
 KTRT — Truckee, Calif. — 1400 kc., 12:30 p.m. daily.  
 \*KFIV — Modesto — 1360 kc., 7:30 p.m. daily.  
 KTOM — Salinas — 1380 kc., 7 p.m. daily.  
 KBLF — Fresno — 900 kc., 7:30 a.m. Mon.-Fri., 4 p.m. Sat., 10 a.m. Sun.  
 KNKS — Hanford, Calif. — 620 kc., 10:30 p.m. daily.  
 KCHJ — Delano, Calif. — 1010 kc., 7:30 a.m. Mon.-Sat., 8 a.m. Sun.  
 KGEF — Bakersfield — 1230 kc., 5 p.m. daily.  
 KVEC — San Luis Obispo, Calif. — 920 kc., 7 p.m. daily.  
 KDB — Santa Barbara — 1490 kc., 93.7 FM, 7 p.m. daily.  
 KRKD — Los Angeles — 1150 kc., 96.3 FM, 7:05 p.m. daily, 9:30 a.m. Sun.  
 KTYM — Inglewood — 1460 kc., 12 noon Mon.-Fri.  
 KFOX — Long Beach — 1280 kc., 9 p.m. Mon.-Sat., 9:35 p.m. Sun.  
 KBIG — Los Angeles — 740 kc., 10:30 a.m. Sun.  
 KACE — San Bernardino-Riverside — 1570 kc., 7:05 a.m. Mon.-Sat., 9:30 a.m. Sun.  
 KCKC — San Bernardino — 1350 kc., 9 p.m. daily or before or after baseball.  
 KMEN — San Bernardino — 1290 kc., 6 a.m. Sun.  
 KOGO — San Diego — 600 kc., 8:30 p.m. Sun.  
 XEMO — Tijuana — 860 kc., 6 p.m. daily.  
 KALI — Los Angeles — 1430 kc., 7:15 a.m. Sun. (in Spanish).

## Alaska & Hawaii

KFQD — Anchorage, Alaska — 750 kc., 7:30 p.m. daily.  
 KFRB — Fairbanks — 900 kc., 6 p.m. daily.  
 KNDI — Honolulu, Hawaii — 1270 kc., 6 a.m., 6 p.m. daily.  
 KTRG — Honolulu, Hawaii — 990 kc., 5:30 p.m. Mon.-Sat., 12 noon Sun.

## CANADA

VOCM — St. John's, Nfld. — 590 kc., 6:30 p.m. daily.  
 CJCH — Halifax, N. S. — 920 kc., 10:30 p.m. Mon.-Sat., 10 p.m. Sun.  
 CFBC — St. John, N.B. — 930 kc., 7 p.m. daily.  
 CKCW — Moncton, N. B. — 1220 kc., 6 a.m. Mon.-Sat.  
 CJEM — Edmundston, N. B. — 570 kc., 7:30 p.m. daily.  
 CFMB — Montreal, Que. — 1410 kc., 6:30 a.m. Mon.-Sat., 1:30 p.m. Sun.  
 CKOY — Ottawa, Ont. — 1310 kc., 5:30 a.m. Mon.-Sat.  
 CJET — Smith Falls, Ont. — 630 kc., 7:30 p.m. Mon.-Sat., 10:30 a.m. Sun.  
 CKWS — Kingston, Ont. — 960 kc., 8:30 p.m. Mon.-Fri., 10 p.m. Sat.  
 CHEX — Peterborough, Ont. — 980 kc., 8:30 p.m. Mon.-Fri., 10:30 p.m. Sat.  
 CKLB — Oshawa, Ont. — 1350 kc., 9:05 p.m. Mon.-Sat., 10:30 p.m. Sun.

CKFH — Toronto, Ont. — 1430 kc., 6 a.m. Mon.-Sat., 10 a.m. Sun.  
 CHIN — Toronto, Ont. — 1540 kc., 12:00 p.m. daily.  
 CKPC — Brantford, Ont. — 1380 kc., 7 p.m. daily.  
 CHLO — St. Thomas, Ont. — 680 kc., 6 a.m. Mon.-Sat., 2:30 p.m. Sun.  
 CHYR — Leamington, Ont. — 5:30 a.m. daily at 730 kc., 6:30 p.m. daily at 710 kc.  
 CFCH — North Bay, Ont. — 600 kc., 8:30 p.m. Mon.-Fri., 7 a.m. Sun.  
 CKSO — Sudbury, Ont. — 790 kc., 6 a.m. Mon.-Sat., 5:30 p.m. Sun.  
 CKGB — Timmins, Ont. — 680 kc., 8:30 p.m. Mon.-Fri., 7 a.m. Sun.  
 CJKL — Kirkland Lake, Ont. — 560 kc., 8:30 p.m. Mon.-Fri., 9:30 p.m. Sat.  
 CKCY — Sault Ste. Marie, Ont. — 920 kc., 6:30 p.m. daily.  
 CJNR — Elliot Lake, Ont. — 1340 kc., 6:30 p.m. daily.  
 CJNR — Blind River, Ont. — 730 kc., 6:30 p.m. daily.  
 CJLX — Fort William, Ont. — 800 kc., 7:30 p.m. Mon.-Sat., 6:25 p.m. Sun.  
 CKY — Winnipeg, Man. — 580 kc., 5:30 a.m. Mon.-Sat., 7 a.m. Sun.  
 CKDM — Dauphin, Man. — 730 kc., 6:30 p.m. daily.  
 CKRM — Regina, Sask. — 980 kc., 8:30 p.m. daily.  
 CHAB — Moose Jaw, Sask. — 800 kc., 8:30 p.m. Mon.-Sat., 11:05 p.m. Sun.  
 CJGX — Yorkton, Sask. — 940 kc., 6:30 p.m. daily.  
 CFQC — Saskatoon, Sask. — 600 kc., 8:30 p.m. daily.  
 CJNB — North Battleford, Sask. — 1050 kc., 2:30 p.m. & 7:30 p.m. daily.  
 CKBI — Prince Albert, Sask. — 900 kc., 7:30 p.m. Mon.-Fri., 8 p.m. Sat., 2 p.m. Sun.  
 CKSA — Lloydminster, Sask.-Alta. — 1080 kc., 7 p.m. daily.  
 CHED — Edmonton, Alta. — 630 kc., 5:30 a.m. Mon.-Sat., 9:30 a.m. Sun.  
 CFCW — Camrose, Alta. — 790 kc., 8:30 p.m. Mon.-Sat., 2:30 p.m. Sun.  
 CJDV — Drumheller, Alta. — 910 kc., 6 a.m. Mon.-Sat., 10:30 a.m. Sun.  
 CHEC — Lethbridge, Alta. — 1090 kc., AM, 100.9 FM, 9 p.m. daily.  
 CJYR — Edson, Alta. — 970 kc., 6:30 a.m. daily.  
 CKYL — Peace River, Alta. — 610 kc., 6 a.m. Mon.-Sat., 7:30 p.m. Sun.  
 CJVI — Victoria, B. C. — 900 kc., 8:30 p.m. Sun.-Fri.  
 CKLG — Vancouver, B. C. — 730 kc., 99.3 FM, 6 a.m. Mon.-Sat., 7:30 p.m. Sun. AM, 6:30 a.m. Mon.-Fri. FM.  
 CKOK — Penticton, B.C. — 800 kc., 8:30 p.m. Mon.-Sat., 7:30 p.m. Sun.  
 CKOO — Oliver, B.C. — 1240 kc., 8:30 p.m. Mon.-Sat., 7:30 p.m. Sun.

*In French —*  
 CFMB — Montreal — 1410 kc., 5 p.m. Sat., Sun.  
 CKJL — St. Jerome, Que. — 900 kc., 10:30 a.m. Sun.  
 CKBL — Matane, Que. — 1250 kc., 10:45 a.m. Sat., Sun.  
 CJSA — Ste. Agathe des Monts, Que. — 1230 kc., 6:30 p.m. Mon., Wed., Fri.

## *In Italian —*

CFMB — Montreal — 1410 kc., 7:45 p.m. Sat.  
 CHIN — Toronto — 1540 kc., 4:15 p.m. Sat.

## EUROPE

### *In English —*

MANX RADIO — 188 m. (1594 kc.) medium wave, 10:30 a.m., 7:30 p.m. Mon.-Sat., 2:45, 7:45 p.m. Sun.; 89 mc. VHF 7:30 p.m. Mon.-Sat., 7:45 p.m. Sun.

### *In Spanish*

RADIO ESPAÑA — Madrid — 917 kc., 10:30 p.m. Wed.  
 RADIO PANADES — Barcelona — 1106 kc., 7:25 p.m. Fri.  
 RADIO MIRAMAR — Porto, Portugal — 782 kc., 10:30 p.m. Sat.

## ASIA

### Guam

RADIO GUAM — KUAM — 610 kc., 6 p.m. Sun.

### Okinawa

RADIO OKINAWA — KSBK — 880 kc., 12:06 p.m. Sun.

## CARIBBEAN AND LATIN AMERICA

### *In English —*

ZBM 1 — Hamilton, Bermuda — 1235 kc., 8 p.m. Sun.  
 ZBM 2 — Hamilton, Bermuda — 1340 kc., 2:30 p.m. Mon.-Sat.  
 ZFB 1 — RADIO BERMUDA — 960 kc., 1:30 p.m. daily.  
 JAMAICA BROADCASTING — Kingston — 560 kc., 4:45 a.m. daily. Mandeville — 620 kc., 4:45 a.m. daily. Montego Bay — 700 kc., 4:45 a.m. daily. Port Maria (Port Galina) — 750 kc., 4:45 a.m. daily.  
 RADIO ANTILLES — Montserrat, W. I. — 930 kc., 6:30 p.m. daily.  
 RADIO BARBADOS — Pine Hill, Barbados — 795 kc., 9:30 a.m. Mon.-Fri., 11 a.m. Sat., 10:30 a.m. Sun.  
 RADIO REDIFFUSION — Bridgetown, Barbados — 10:20 a.m. Mon.-Fri., 9:30 a.m. Sat. & Sun.  
 RADIO GUARDIAN, Trinidad — 10 p.m. Mon.-Sat., 6:15 p.m. Sun.  
 GUYANA BROADCASTING SERVICE — Georgetown — 560 kc., 1:30 p.m. Mon.  
 RADIO SURINAM — Paramaribo — 725 kc., between 7 and 8:30 p.m. or 10 a.m. and 1 p.m. daily.  
 HOC21 — Panama City — 1115 kc.;  
 HP5A — Panama City — 1170 kc.;  
 HOK — Colon, Panama — 640 kc.;  
 HP5K — Colon, Panama — 6005 kc. — 7 p.m. Sun.

*In French —*  
 RADIO ANTILLES — Montserrat, W. I. — 930 kc., 8:45 p.m. Mon., Thurs., Sat.  
 4VBM — Port au Prince, Haiti — 1430 kc., 7:45 p.m. Wed.  
 4VGM — Port au Prince, Haiti — 6165 kc., 7:45 p.m. Wed.  
 RADIO CARAIBES — St. Lucia, W. I. — 840 kc., 6:30 a.m. Mon.-Fri.

For a complete worldwide Radio Log, write the Editor.



## HOW YOUR PLAIN TRUTH SUBSCRIPTION HAS BEEN PAID

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Science, technology, Communism have proved false messiahs. World troubles multiply, and today they are frightening. *PLAIN TRUTH* editors, scholars, researchers, analysts, realize that neither these, nor governments, educators, established religions, psychologists, nor any other human "authorities" have the answers. None knows THE WAY to PEACE! None knows the PURPOSE of life. None seems to point out the true values from the false.

Therefore *PLAIN TRUTH* editors have dared, without apology, to go to the one and only SOURCE that reveals these ANSWERS, and points unerringly to the solutions that *will be achieved!* It is the world's best seller — the Book that Bruce Barton said *nobody knows!* Approximately a third of it is devoted to advance news reports, utterly overlooked, it seems, by educators, scientists, religious organizations, governments. Yet, over a 2,500-year span these advance news reports have proved *unerringly accurate!*

What is generally unrecognized is that there is a PURPOSE being worked out here below, and that this totally misrepresented Source is in true fact our Maker's instruction book. It reveals the meaning and purpose of life. It deals with world conditions today. It is not only up-to-date as of NOW — its advance news reports lay bare our future. There is NO OTHER source of understanding OUR TIME, and where we are going! And its Author says to us, "Freely you have received, freely give."

We make the truth PLAIN. It is priceless — we simply cannot put a price on it. We happen to be conscientious about it. That is our policy. A comparatively small number of Co-workers, of their own volition, unsolicited by us, have joined with us to make such an unprecedented policy workable! We, and they, sincerely THANK YOU for allowing us to serve you. It is, truly, "more blessed to GIVE than to receive." Thank you for giving us that pleasure!

## THE ANSWERS TO

# Short Questions

## FROM OUR READERS

HERE are the answers to questions which can be answered briefly in a short space. *Send in your questions.* While we cannot promise that all questions will find space for answer in this department, we shall try to answer all that are vital and in the general interest of our readers.

● "I am presently in jail for seven felonies. I am twenty years old. Two other boys and I were picked up and charged with burglary. The other two boys were offered parole if they would plead [guilty]. They would only offer me a five to ten year sentence. I broke out, committed another burglary and stole a car. I was picked up and I have not been able to get in District Court. Is this what the Constitution means by quick and speedy trials? If it is, then you may have the Constitution of the United States with America. To think that some people wonder why planes are hijacked to Cuba! Does Cuba have a law to the right of a quick and speedy trial?"

I may be wrong about my opinion of my situation. If I am, please inform me about it?"

Prisoner, Kansas

You have some very serious problems. We can appreciate that you have suffered some inconveniences due to being incarcerated. It is, we can imagine, rather irksome to be kept waiting by legal delays, not to mention being kept from your normal activities and pursuits. But, then, most professions have their hazards.

It will help you, however, to consider the problems other people have. Take, for example, the burglary victim.

Let's imagine a middle-aged couple returning home from an evening with friends. They find their home ransacked and most of the valuables they worked long years to accumulate gone, including their good clothes, the silverware and

china, jewelry, credit cards, etc. Could make for a real problem, especially if their backs are already to the wall trying to keep a couple of children in college.

Then, consider the police chief and his men. They seem to be shorthanded as more and more men resign — disgusted with procedures which turn known criminals loose for them to keep chasing in an endless game of tag. Then, they have to constantly consider that some criminal might get fed up with being chased and propose a funeral for the law enforcement agent. Lump that together with lots of overtime, riots, general disrespect and enmity, etc., for a real bag full of headaches.

Take the judge. Does he have problems? Probably a docket long enough to help pave the Kansas Turnpike. There is also the worry about revengeful retaliation against himself or his family by some disgruntled criminal. And, how would you like to listen to arguments all day long?

That point about Cuba sounds real interesting. From what we can gather, those Communists in Cuba don't keep people waiting — or free criminals either. And we wonder why idiots hijack planes to Cuba — in view of the fact that Cuba keeps putting the hijackers in jail.

Since you offered to let us have America and its Constitution, we'll take you up on it. Last time we heard, no satisfactory substitute was forthcoming from any human quarters.

Your problems and troubles are never going to end while you feel sorry for



yourself and blame others for your woes. A speedy trial won't keep you from committing another crime at the first opportunity. Hijacking a plane to Cuba would solve nothing. Your experiences so far are enough to prove that each new crime adds new problems and woes.

The only real answer is a genuine change in your attitude. That means real repentance.

Instead of making worse problems, you need to study our article on real repentance and get rid of your present problems by making a complete change in your life.

We can't promise you a life free of problems and trials. But, we can promise that life will be a lot happier and rewarding. You also need to study and act on the reprint article, "Abundant Living" and the booklet on *The Seven Laws of Success*. They will show you the way out of your dilemma.

## What our READERS SAY

(Continued from inside front cover)

assuming that I had to pay my own subscription — and never cease to find it interesting, factual, and above all, honest with its readers."

Keith P.,  
Rochdale, England

### Seven Laws of Success

"I just recently received my first copy of *The PLAIN TRUTH* and the booklet *The Seven Laws of Success*. I am one of those guilty people who has waited a long time before sending for your magazine. It has been fifteen years since I first heard your program on the radio. I suppose I still would not have sent for it if I hadn't seen your full-page ad in *LIFE*."

Howard W. S.,  
Bentleyville, Pennsylvania

• *You're a cautious man, Howard — hope you're not disgusted with yourself when you see what you've been missing all these years.*

"My husband wrote in for *The PLAIN TRUTH* and I have been reading the

February and March issues of this year. I want to tell you how heartened I am to learn that there is such a positive force working in this chaotic and unhappy world. Through my 44 years of life I have learned, for myself, the seven laws of success through great trial and error. I sat and read your book without putting it down, marvelling at the clarity and wisdom, which I had not expressed in words until I read them. I hope you will continue to send *The PLAIN TRUTH*. I cannot understand how you can produce such a good magazine without a subscription price."

Audrey D.,  
Glasgow, Scotland

### Evolution

"Thanks a lot for the literature you've been sending me the past few months. It's been helping me a lot here at school as well as at home. I always have at least one of your booklets stuck inside one of my school books, so when I'm through with my assigned work I can pull it out and read it rather than just waste time. I'm 16 years old and a high school sophomore. The other day in my biology class the teacher said, 'I'm curious; just how many of you do not believe that human life can be explained purely by chemical and physical means? Well, I raised my hand. I wasn't trying to make any trouble or anything. I mean, I figured everyone in there was going to raise his hand. To my surprise I was the only one in that class of 35. You wouldn't believe the dirty looks I got! After class, the teacher told me to stay at my desk. He then asked me what was wrong with me.'"

Bill F.,  
San Antonio, Texas

• *And did you give a satisfactory explanation?*

"May I thank you for the considerable number of publications that you have sent me, and only at my request. May I also convey to you my heartfelt thanks for the help that they have been in getting some deeply inbred beliefs, (evolution, education, etc.) and very much against my will too — completely shattered and thrown out, to be replaced by the plain truth. As I fought

tooth and nail against having my truly wonderful upbringing exploded by reading one or two articles from *The PLAIN TRUTH* I beg you to publish these few words as I am sure that there are so very many people like me, especially in Britain who almost, certainly subconsciously, don't want to know the truth! Thank you. Believe me, it has taken a long time for the truth to penetrate my environment."

John S.,  
Macclesfield, England

• *And thank you, John, for your honesty — and willingness to prove the truth. There are undoubtedly many who "don't want to know," but precious few who can bring themselves to admit it.*

## TELEVISION

"The WORLD TOMORROW"

- WGR — Buffalo, N.Y. — Channel 2, 12 noon Sun.  
 KWHY — Los Angeles — Channel 22, 8:30 p.m. Sun.  
 \*KTLA — Los Angeles — Channel 5, 10:30 p.m. Sun.  
 KNTV — San Jose, Calif. — Channel 11, 1 p.m. Sun.  
 KAIL — Fresno, Calif. — Channel 53, 8:30 p.m. Thurs.  
 KHBV — Henderson, Nev. — Channel 5, 5:30 p.m. Sun.  
 \*KSL — Salt Lake City — Channel 5, 3:30 p.m. Sat.  
 KHQ — Spokane, Wash. — Channel 6, 12:30 p.m. Sun.  
 KVO5 — Bellingham, Wash — Channel 12, 3:30 p.m. Sat.  
 KCND — Pembina, N. Dak. — Channel 12, 2 p.m. Sat.  
 KLTV — Tyler, Texas — Channel 7, 5 p.m. Mon., 10:30 p.m. Thurs.  
 KTAL — Texarkana-Shreveport — Channel 6, 12:30 p.m. Sun.  
 ZFB-TV — Hamilton, Bermuda — Channel 8, 5:30 p.m. Sun.  
 \*CFCF — Montreal, Que. — Channel 12, 4 p.m. Sun.  
 CKMI — Quebec City, Que. — Channel 5, 10:30 p.m. Mon.  
 \*CFQC — Saskatoon, Sask. — Channel 8, 2 p.m. Sun.  
 CFRN NETWORK — 11:30 a.m. Sun. Edmonton, Alta. — Channel 3. Whitecourt, Alta. — Channel 12. Ashmont, Alta. — Channel 12.  
 CFCN NETWORK — 2 p.m. Sun. Calgary, Alta. — Channel 4. Drumheller/Hand Hills, Alta. — Channel 12.  
 Banff, Alta. — Channel 8.  
 Brooks, Alta. — Channel 9.  
 Lake Louise, Alta. — Channel 6.  
 Lethbridge, Alta. — Channel 13.  
 Drumheller, Alta. — Channel 10.  
 Kimberley, B.C. — Channel 3.  
 Columbia Valley, B.C. — Channel 6.  
 Jubilee Mt., B.C. — Channel 8.

\* Asterisk indicates new station or time change.





Seikyo Press (top)  
Martin — Ambassador College (inset)

### THE "NEW" BUDDHISM —

Inset photo shows the 700-year-old Great Buddha in the historical city of Kamakura, Japan. According to the Soka Gakkai, a Buddhist lay fraternity, the Japanese people have been ordained by the Buddhistic spirit to bring peace and civilization to the entire world. Large photo shows part of their twenty million adherents during a 1968 festival in Olympic Stadium.

## JAPAN SPEAKS OUT

(Continued from page 8)

Gakkai are the channel which history will follow is being argued. But the fact is that in Japan exists a growing belief that the Japanese people soon have a world role to play. And, a league of Asian peoples under Japanese leadership is not as far-fetched as it may at first appear.

### Advance News for Asia

People may not realize it. But advance news reports reveal a great confederation of Asian peoples — with an army of 200 million. These advance news reports pinpoint this league as located north and east of the River Euphrates. Its power will be felt in Europe and Palestine. (You can read of it in the news forecast of that greatest of all news reporters — Jesus Christ — in Revela-

tion 9:13-21.) (For the full explanation, read the free booklet *The Book of Revelation Unveiled at Last.*)

At a later time, from this same quarter of the world, will proceed into the Middle East a vast horde of East European and Asian peoples (Ezekiel 38 and 39). The germ of this world role is already in the minds of Oriental peoples.

People in the Western world feel that the Orient is still a backwater of importance in settling international affairs. The time is soon coming when this opinion will have to change drastically. The Orient is already AWAKENING to its newfound prominence, and it won't be long until all the East is *fully AWAKE!!* Keep your eyes on the Orient — history in the next two decades is to be made in that part of the world!





# OCEANS FULL OF EVIDENCE...

*that evolution is in over its head!*

*Oceans of evidence inundate evolutionary claims in a rising tide of unanswerable questions! The vast seas of our planet simply CANNOT BE EXPLAINED by empty evolutionary theories! Read, in this article, how evolutionists' guesses have been lost at sea.*

by Garner Ted Armstrong

**I** PULLED as close to the brink of the barren ridge as I dared, set the hand brake on the pickup and, grabbing my binoculars, stepped out. Glassing the lightly colored clay slopes for Colorado's famed mule deer, I was standing on a wind-swept ledge of rock along a dirt trail in western Colorado. I was not far above the Vermillion river, only a few miles from Utah.

After satisfying myself there were no deer in the immediate vicinity, I took time out again, as I had each time I had stopped on this same ridge previously, to stoop and examine the exposed layers of crumbling rock around me. Gleaming brightly were thousands of small, spiraling, agate-like "rocks." But they weren't just ordinary rocks. They were fossils — a whole mountain-top of them — a type of fossil sea snail called "Pyramidellacea" in scientific terminology.

And here they were — on a mountain high in Colorado — a barren, dry part of a beautiful state; an area of stunted juniper and cedars, of aspen and sage, of mahoganies and pines. When you're hunting in northwestern Colorado, along the rim of desolate mountains, your mind is about as far removed from the oceans of the world as possible. Yet here was proof positive the ocean had once covered this part of the United States — that teeming forms of life had flourished here thousands of years ago — that where I was standing had once been the site of a catastrophe of sufficient dimensions to dislodge these millions of little shelled animals, and as the laws of nature dictate, carefully sort them according to size and weight as waves had once lashed this same area.

Over the years the giant forces of earthquakes, faulting of the earth's crust in huge upthrusts and overfolds, and the ravages of thousands of years of wind, rain and sun — the



timeless forces of erosion — had contrived to leave a solid layer of fossils here — in northwestern Colorado.

But what was the ocean doing here?

### Did Life Evolve from the Seas?

Almost every amateur geologist has had a similar experience. Every continent abounds with evidence it was once totally covered with the seas. All geologists admit this to be fact, though most deny the oceans covered the continents by design — in a sudden catastrophe such as that described in Genesis 6 and 7.

Actually, would geologists admit what their eyes should plainly tell them, there have been *two* such gigantic, worldwide catastrophes in the history of the earth's crust. The first is described in Genesis the 1st chapter — and the second only a few chapters and an indeterminate number of thousands of years later.

Today, the oceans of the world still cover 70 some percent of the total crust of the earth. Today, as then, they teem with life — from tiny micro-organisms to the largest of all creatures — the huge whales that can outweigh an elephant by 30 times.

Evolutionists differ wildly in their theories about life's origins — but a preponderant number of them still stick pretty closely to the idea that all life began in the *seas*. Remember your high-school geology or biology book? Nearly all of them used the same illustrations — or of a similar nature. They showed fetid back-water marshes along steaming oceans literally crawling with various life forms. Giant dinosaurs stood munching seaweed from sleek, bulging, dripping jowls; pterodactyls swung lazily overhead; strange ferns and palms stood silhouetted against ancient skies.

The story has it that a sort of primeval "soup" of various chemicals contrived to "strike a spark of life" which somehow "learned" to multiply itself endlessly.

From that quick summary of our humblest origins, it's only a matter of illustrated textbooks and carefully aligned fossils to "demonstrate" to the bored student (who is not really dealing with

any specific issues at that age beyond getting grades sufficient to escape the educational process) that evolution sure enough occurred.

Worms, snails, fish, amphibians, birds; back to amphibians, to air-breathing fish — the story continues to plod dutifully through millions of years of supposed evolution, carefully knitted together by thousands of expressions like "perhaps," "possibly," "it may seem likely," and "we suppose" and "scientists may safely assume."

At the end of it all stands man. The naked ape. The hairless animal. The culprit of the present evolutionary point in time, who will, according to the more cynical of evolutionary seers, soon take his place as a curious fossil form for some yet future, higher form of life to ponder, as "it" (for lack of a better term) may find itself "hunting" or whatever it may be doing — on a barren ledge of rock high and dry on some yet future continent.

### What's Fair's Fair!

For a long time, now — *The PLAIN TRUTH* magazine has been running articles covering practically every extreme of the evolutionary tale; showing how evolution is NOT true; that it CANNOT be proved — and that it is antisupernaturalistic bias and pseudo-intellectual snobbery in the extreme to cling to such theories IN SPITE of oceans full of evidence to the contrary.

Recently, I received a note from a leading evolutionist who threatened me with checking into the fairness doctrine of the FCC to find out whether I could be allowed to continue talking against the theory on the radio. If I had not already run into several other such people, I would have been incredulous.

Evolution has been given more than "equal time"! Practically every subject you ever studied was as full of evolution as those rocks in Colorado were full of fossils. Mathematics, biology, zoology, paleontology, geology, physiology and anatomy, psychology (especially!) — you name it — was permeated with evolutionary thought. The whole approach

was deliberately sidestepping something *very important*.

"Is there a GOD?"

The text never asked. And, while most students, having been given at least a smattering of some religious belief or another by parents, would have vaguely wondered from time to time how to reconcile the ideas of religion with what the textbooks said — it probably never got much of an airing in class.

And the textbook authors seemed perfectly satisfied. They didn't mention it, either.

Evolutionary theories have been given *far* more than "equal time" in EVERY possible means of public communication, and shockingly, to a greater and greater degree even from the pulpits of churches. A large percentage of so-called Christian ministers BELIEVE IN EVOLUTION.

It's time you saw the whole picture. It's time you faced plain truths — simple facts.

It is not "unfair" for laymen to ask simple questions of evolutionary "science" (falsely so-called). After all, if our logical minds are the end result of a PROCESS called evolution, then that product of a process should be able to comprehend the process, wouldn't you think?

### Nothing Lives or Dies unto Itself

For many, many months now, we have been showing the shattered shards; broken remnants, bits and pieces of a purely fabricated patchwork of guesses and irrelevant analogies called evolution. Continually, it has been pointed out how it is utterly IMPOSSIBLE for creature after creature to have GRADUALLY EVOLVED. We have shown how each creature, with his own peculiar habits, would have to have been doing *exactly* as he *is* doing NOW — and doing it from the MOMENT of his first instant of existence!

Why is this important?

Evolution is dealt a death blow if it can be PROVED that any one creature



EXISTS for the very purpose of contributing to, directly aiding, supporting and providing for, the existence of another creature. In other words, if it can be DEMONSTRATED there are living things which exist SOLELY for the existence of OTHER living things — then evolution is demolished. Each HAD to come into existence SUDDENLY — at the PRECISE INSTANT as did the other.

But FAR beyond *this* serious challenge to the empty theories is the fact that not only do certain CREATURES exist for the specific survival of other creatures—but that the entire panorama of LIVING THINGS — ALL LIFE — fits into the same pattern.

There is nothing which could more graphically illustrate this than the oceans of the world.

There is a mysterious *pyramid* of life in the *oceans* — a “chain of life” or a “web of life” that is amazingly complex, and harmonious. It involves the very smallest of living creatures, and the largest — at *both* ends of the chain.

This article will show you how the *oceans*, with their vast, almost limitless horizons of heaving waves, and their billions of billions of living creatures and plants, are in actuality somewhat like a single, living, moving organism — a totally united, complex, interdependent *system* of life — each part utterly dependent on each *other* part to remain alive!

And in this article, you will see revealed yet another stunning, fatal blow to evolution!

Once, the seas covered all the world. There is not a continent where scars of ancient sea activity are not still visible. Many of the materials in our finest buildings are remnants of ancient ocean life — from the fine travertines and marbles to glittering mother of pearl. Some of the most outstanding features in geography are the result of ocean activity — like the world-famed “white cliffs of Dover,” which is proof of a huge cataclysm which buried billions of shellfish suddenly.

Our oceans are absolutely vital to our own lives; not only from the obvious dependence of many nations for their principal food supplies, but from more

subtle causes. Without them, the world would not have its weather patterns. Some ecologists estimate up to 70 percent of our oxygen is produced by tiny diatoms in the seas. The seas have been used since mankind first trod the earth as the receptacle for man’s wastes.

Without the oceans, the world would be a barren, desolate, uninhabitable planet — as foreboding and bleak a landscape as the moon.

Not only are the oceans an absolutely vital requisite for life on land, and therefore an intricate part of a total worldwide balance, but the seas themselves are like a separate “living organism,” made up of “deserts” where little life is found, and tangled jungles of kelp or seaweed abounding with life.

“Rivers,” or ocean currents, flow through winding paths in all the world’s oceans. These flowing currents directly control climates in much of the earth, and formed the invisible rivers upon which many ancient human families migrated (as has only recently been proved).

Without these flowing currents, Britain would be inhospitable for most life, and the extreme northwestern United States would be far more frigid.

Seventy percent of earth’s surface is covered by ocean water — and yet, only 5% of the ocean floor has been investigated.

It is estimated that 5/6 of the total amount of living matter on earth lives within the upper, sunlit part of the oceans.

#### The Fantastic Web of Life in the Seas

Not only do the oceans directly regulate climates, temperatures and rainfall over much of the earth — but the little-known, interlocking, interdependent WEB of life in the seas is indispensable to life everywhere!

The great majority of all oceanic life is *not* the fish we know. It’s not even the tiny crustaceans or other life we might see at the beach on a Sunday afternoon.

A full 99% of all ocean life is microscopic — seldom even seen by humans! This 99% of all ocean life — called

plankton, collectively — lives within the upper 100 feet of the ocean surface. This prodigious amount of plant and animal growth makes up the very *base of the food* chain of the sea or what is called the “pyramid of life.” Plankton is also called “grass of the sea.”

Plankton is a collective term including all ocean organisms, both plant and animal, which drift about at the mercy of ocean currents. Plankton includes anything from microscopic plants and animals, all the way up to 2-inch krill of the Antarctic seas, which form the diet of the great blue whale.

At the very bottom of this chain of life in the sea are the billions upon uncountable billions of microscopic forms of life which form the mainstay of food for the tiniest of fishes.

As the organisms get smaller, they appear in *enormously greater numbers*.

For example, diatoms — the microscopic plants which are food for larger animal plankton — make up 6/10 of all planktonic life in the oceans.

If 99% of all life in the oceans is plankton, and 6/10 of this plankton is tiny, microscopic diatoms, then diatoms must appear in the oceans in prodigious numbers!

And that’s exactly the case.

With the right amount of sunlight and nutrients from the seawater, diatoms will begin growing and dividing at the rate of AT LEAST once per day. If conditions permit, one diatom alone could multiply into the ballpark figure of 200 billion cells by the end of a month!

Unbelievable?

#### Copious Copepods

Almost. But we begin to see the need for enormous numbers of these diatoms when we understand their purpose.

Small ocean animals called copepods may eat as many as 120,000 diatoms every day. These copepods in turn are eaten by larger fish in huge numbers. For example, in the belly of one herring were found 60,000 copepods!

But just how do the tiny, microscopic diatoms produce enough actual



# PYRAMID OF LIFE



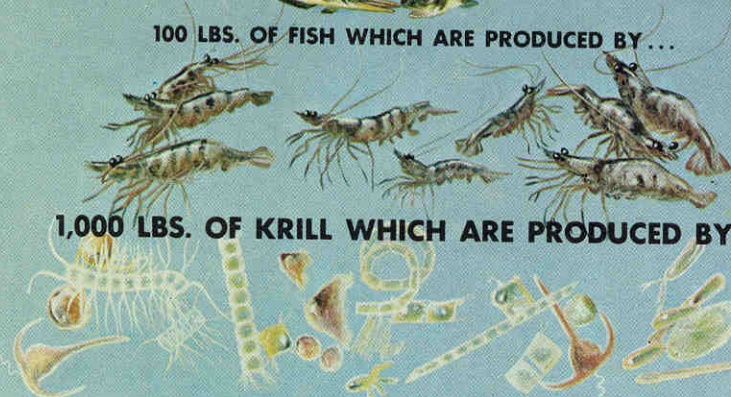
A KILLER WHALE  
GAINS 1 LB. BY EATING ...



10 LBS. OF SEAL—EACH  
10 LBS. WAS GAINED BY EATING ...



100 LBS. OF FISH WHICH ARE PRODUCED BY ...



1,000 LBS. OF KRILL WHICH ARE PRODUCED BY ...

10,000 LBS. OF PLANKTON

© Ambassador College

Scientists — after seven decades of study — are becoming painfully aware of the evidence of God. Evidence that behind the existence of life in the oceans and on land is a great Master Plan. This Master Plan is based on a unique series of food chains that preserve and sustain all life on earth. There are many hundreds of intricate, mind-defying food chains that tie together all life on earth. For example, diatoms, tiny microscopic plants, are eaten by anchovies. Anchovies in turn are devoured by birds such as cormorants. On land, we have more direct food chains such as grass-cow-man and grain-chicken-man. The above diagram shows the plankton-to-whale food chain.

food to be called the “grass of the sea,” comparable to *hay* in nutrition value?

The answer lies in the diatoms' basic ability to synthesize food from sunlight and nutrients of seawater. These microscopic one-celled organisms take chemicals from the sea and energy from the sun, and by the miracle of photosynthesis produce the sugars and starches which are the breadstuff of all life.

And of all the photosynthesis which takes place on earth, about 70% takes

place in the sea! Yearly land production of sugars and starches within the cells of all land plants amounts to something like 40 billion tons. However, in the sea we find that figure doubled or even quadrupled to a mammoth 80 to 160 billion tons!

The miracle *substance* of photosynthesis is *chlorophyll*.

As one author states: “This miraculous substance plays the key role in enabling plants to combine sunlight and chemicals into nourishment for them-

selves and into food for other living things. Just as land animals graze on earth-bound plants, and in turn become meals for the flesh eaters, so marine life pyramids on the one-celled ‘grasses’ of the sea.” (*National Geographic*, February 1961, “How the Sun Gives Life to the Sea,” Paul A. Zahl, page 200.)

The same author states: “So sensitive are the processes these organisms achieve in the creation of lifestuff from the ocean's raw materials that they *put man's attainments as a chemist to shame*. They [diatoms] use elements in such tiny traces that man, until recently, COULD NOT DETECT their existence!” (Ibid., page 202.)

Looking into the oceans, one would expect to find the warm tropical waters to be teeming with life, and the cold Antarctic to be nearly void. However, that's not true! And for definite reasons.

## Antarctic — Hub of Life

There are two main factors which control the growth of life in the oceans. 1) Amount of sunlight available for photosynthesis, and 2) amount of nutrients within the seawater itself. If one or both of these factors are not in proper balance, then planktonic life will dwindle and die. And if the plankton dies, the larger plankton feeders must seek other areas for food, or die.

Ultimately, all the ocean is dependent on plankton. And plant plankton (primarily diatoms) are dependent on the two above — sunlight and nutrients.

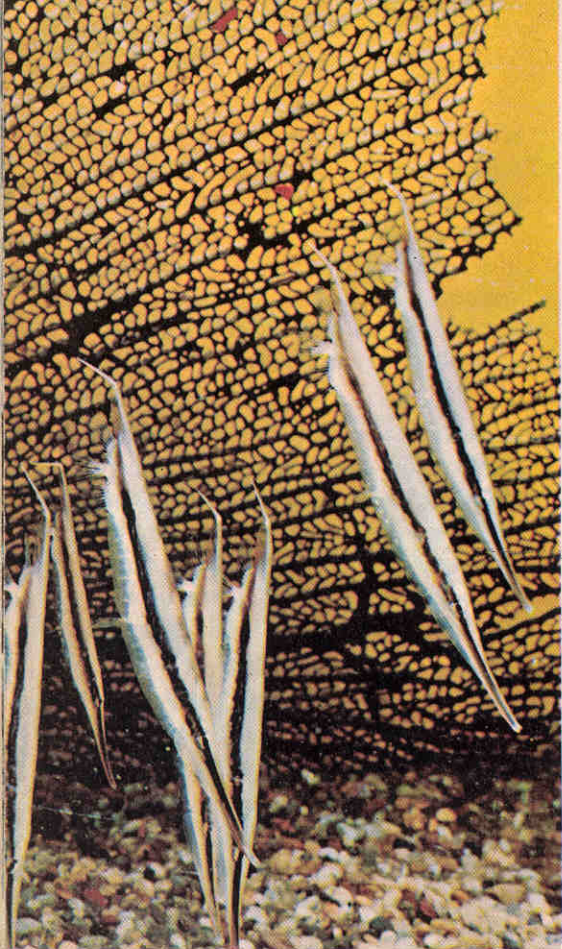
In tropical waters, we find that sunlight is available for long periods during the year.

Why then do we find much less quantity of plankton here than in the cold waters of the Antarctic?

The answer lies in the ocean currents which *do not* bring the tropics the great amounts of nutrients. But in the Antarctic we find that just the opposite is true. The cold waters there are rich in nutrients, with *enough* sunlight during the daylight hours, that the Antarctic seas are literally teeming with

(Text continued on page 26 —  
photos on pages 24 and 25)



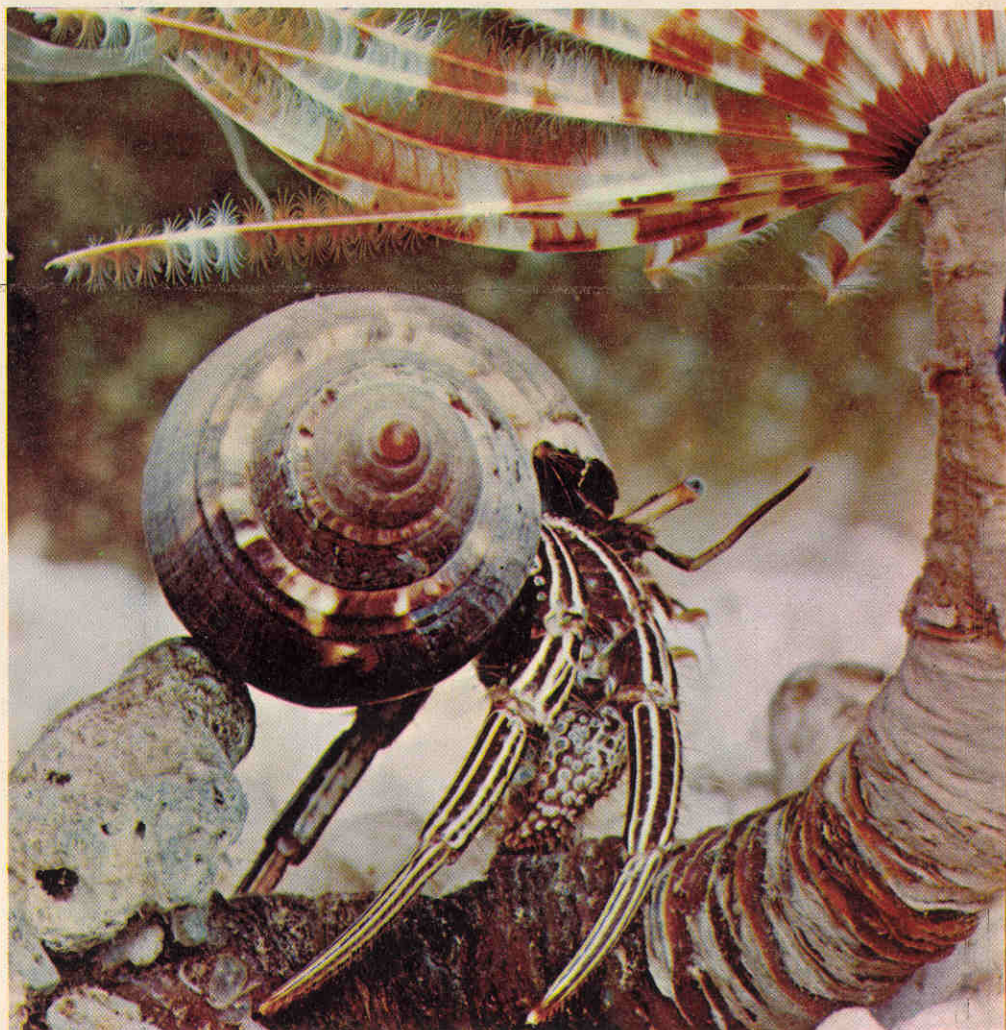


Below, a yellow tang, one of the family of Surgeon fishes, dubbed with this name because they possess sharp "knives" just in front of the tail. The hinged blade can suddenly open like a switchblade. This is only one of the many protective devices fish have been endowed with by a Creator God. Above, one of the most unusual fish alive—the shrimpfish. Some researchers have seen this fish swimming along the bottom of underwater caves—with their heads pointed downward.

Gentry — Ambassador College.  
Top photo courtesy of  
Steinhart Aquarium.

To the right, one of the 155 species of brotulids. They run a full gamut of tremendous variation in color, shape and size. The brotulids exist in a great variety of habitats—from the greatest ocean depths to freshwater coves. Below, hermit crab "rests" on a rock—framed by a tubeworm fan. The hermit crab protects its soft tail by hiding it in the coil of an abandoned shell. This is another example of an intricate relationship.

Wells (below), Gentry (right) Ambassador College. Photo at right courtesy of Steinhart Aquarium.







## Inhabitants of a Mysterious World

Right, a camouflaged stonefish. Can you see his eye, mouth and body line? On the ocean floor this deadly fish so closely resembles a small rock, it is virtually invisible as it lies half buried in the sand. Left, a convict fish swimming harmlessly among the tentacles of a poisonous tealia anemone for its own protection. Two more interrelated handiworks of God's creation.

Gentry — Ambassador College,  
Photos Courtesy of Steinhart Aquarium.





life, sometimes referred to as a thin soup or broth.

Furthermore, the Antarctic has just the right balance of sunlight and nutrients to produce enough food for the largest of all mammals — and animals, for that matter — the great blue whale.

The nutrients needed by diatoms and other plant plankton to synthesize sugars and starches are found in decaying matter which constantly settles to the ocean floor. Here, miles below the surface, bacteria decompose this dead matter as it descends like snow into the depths. The waters there are very cold and dark. Very little life can possibly live at these depths, because very little or no sunlight at all can reach these areas.

However, as warmer waters on the surface are rapidly depleted of their supply of nutrients, somehow the cold water from below must bring their rich nutrients to the surface, or diatoms cannot synthesize food, to be eaten by other plankton, to be eaten by larger fish, etc.

#### Importance of Ocean Currents

Here is where ocean currents come into play.

By a complicated process which man still does not completely understand, currents from the ocean mid-depths flow south toward the Antarctic seas. At the same time *surface* currents from the Antarctic and a *much deeper* cold current from melting ice are flowing NORTH. The resulting current flowing southward is sandwiched between the upper and lower northbound currents. It brings a constant supply of rich nutrient waters from the north!

Here in these waters diatoms flourish, synthesizing the foodstuff on which larger plankton live. Fisheries are usually most productive where these *cold water* "pastures" occur.

An amazing, complex chain of events occurs. And an imbalance of these events would wreak havoc on Antarctic life, even if just one link in the chain were dropped out!

Now we can see the reason why the tropics do not enjoy such a rich abundance of plankton. There we find no

constant upswelling of nutrient-rich waters flowing up from the depths below. And, even though the sunlight is abundant, sunlight *alone* is not enough.

Yet even so, the tropics *are* rich in their variety of life — but not in great quantity, as plankton of Antarctic seas.

Even the so-called "deserts of the sea" contain a surprising variety of life. One famous example is the Sargasso Sea. Here, no ocean current passes through. The whole sea appears to be a giant slowly spinning mass of water with very little exchange with the outside ocean. Even so, it is the spawning grounds for the European and American eels, and host to a variety of other life.

To show the vast amount of available food found in Antarctic seas, let's look at the great blue whale. Baleen plates within the blue whale's mouth filter out *several tons* of plankton (krill) every day. A female must devour many tons of krill in order to feed her young calf a *ton* of rich milk every day.

Every year 40 million tons of fish are removed from the oceans. And still the sea seems not to flinch at giving up these enormous quantities. After all, 9/10 of the earth's vegetation is produced in the sea. And adding up all the living matter of the oceans we have the prodigious figure of 100 billion tons yearly! Acre for acre, the sea is more productive than the lands of the earth.

#### Eat — and Be Eaten!

In the oceans' pyramid of life, there is the constant cycle of "eat and be eaten." And most of the weight of what one animal eats will be lost in energy and heat. For example, each pound of killer whale represents some 5 tons of diatoms and other vegetation. Of course, the killer whale does not eat diatoms. He eats smaller fish which eat even smaller fish, which eat zooplankton, which eat other plankton including diatoms. At each step in the pyramid, 9/10 of the weight of what is eaten is lost to heat, energy, and other factors. Only 1/10 of the total weight is converted into actual body tissue having weight.

The principle, therefore, is that the more steps in the pyramid, the more pounds of food it takes at the base to support a few pounds at the top. So, there are always FEWER ANIMALS at the top than at the bottom of the pyramid.

It has been estimated that the sea must produce five tons of living material for one man to gain just one pound. This is because man is at the very *pinnacle* of the pyramid.

On the other hand, a baleen or filter-feeding whale can gain one pound from an original 100 pounds of diatoms. That's because there is only one step between the diatoms and the filter-feeding whales, namely *krill*. The whale feeds on krill, which feeds on diatoms. But in the case of man, it's quite a different story, which might look like this: *Man* feeds on *tuna*, which feeds on *herring*, which feeds on *animal plankton*, which feeds on *diatoms* and other plant plankton.

#### Continuous Cycle

The pyramid of life is a complex structure, much more than one would expect. And nothing lives to itself, dies to itself — or disappears from the cycle of life.

One author comments: "Death and decomposition complete the cycle. The organic material of both plants and animals is subjected to bacterial decay which releases again the carbon, phosphorous, and nitrogen needed for photosynthesis — all of which *brings us back to where we came in.*" (*New Worlds of Oceanography*, E. John Long, page 75.)

And within these cycles we find baffling problems which rise up to make evolutionists scratch their heads.

#### Plankton Problems

One author admits: "In the plankton we meet an even more baffling question: Which is the parent and which the child?"

"Take the Salps (members of the Tunicate groups). When the eggs hatch and the young grow up, they are different animals from their parents — so



much so, in fact, that they *originally were described as a different species*. What is more, this second generation does not lay eggs. Instead, it grows a long chain of buds, which finally break off to grow up into the egg-laying generation again.

"The situation is about the same as if a greyhound had puppies which turned out to be dachshunds, and these dachshunds grew extremely long tails which broke off and grew into greyhounds. *Absurd as it sounds, this IS what happens*, and which are we to call the parent of which?" (*The National Geographic Magazine*, July 1952, "Strange Babies of the Seas," Hilary B. Moore, pages 54-55.)

Baffling situation!

Are we coming to answer these seemingly unsolvable problems?

The same author answers: "One laboratory in one year, or even in a lifetime, *can begin to touch only the FRINGE OF THE PROBLEMS* that lie waiting in these waters. Yet we hope to continue learning more and more about the private life of the plankton." (*Ibid*, page 56.)

Another author admits: "Even the tiniest and simplest living creatures are vastly more complicated than an automobile, and contain thousands of times as many parts . . . If a *single vital chemical is missing in the sea, no plants can grow*. They may have all the sunlight, all the carbon, all the nitrogen, all the sulphur, all the calcium they need, but nothing will happen if, for example, there's no phosphorus. *Huge areas of the ocean can be virtual desert for lack of one substance* which may be needed only in the most minute quantities." (*The Challenge of the Sea*, Arthur C. Clarke, pages 70-71.)

As you can see, it is disastrous to sea life when man adds poisons to the oceans, upsetting the delicate balance of chemicals.

### Plankton Migration

Dozens of creatures of the sea migrate — many of them over thousands and thousands of trackless miles.

The mysteries of salmon, tuna, eel and whale migrations are completely baffling to scientists, and each, in itself (and there are dozens of examples) presents another shocking blow to the solar plexis of the shabby framework of evolution.

But even the tiny organisms called plankton migrate. They travel hundreds and thousands of miles — by merely migrating *up and down*.

Every night, the tiny creatures rise to the surface waters — sinking again to deeper water as the sun's rays begin to shine. By night, the surface can be a veritable "soup" of planktonic life — and by day appear to be empty.

As the tiny creatures are submerged, the surface waters are *moving* at a more rapid pace than those deeper down. Thus, plankton not only "migrate" up and down, but each time they rise, they are in *different waters* than before.

But WHY do these little microorganisms migrate?

It is not really known, except that if they did *not*, there would occur such congestion if plankton rode only the upper currents that some areas of the sea could become stinking, rotting planktonic "log jams," while others would be devoid of life. It is believed there are entirely different ocean currents *beneath* the surface, which move in OPPOSITE directions to the upper currents. This means that, even though plankton are "traveling" perhaps hundreds of miles because the waters are being CHANGED continually, they *remain* in comparatively the *same* horizontal position!

The migrations of whales and many fish are dependent entirely on the areas of heaviest concentration of plankton.

This is only a tiny part of the story. The many examples of "cleaner fish," without which other fish could not survive, the examples of various species of fish which can live only in an environment (such as the poisonous tentacles of a sea anemone) that would kill other fish, and various other community-type interrelationships *all* combine to give evolutionists whale-sized nightmares. The many examples of symbiosis

(constant COMPANIONSHIP) should fill books — but we have space to give only a few quick examples in this issue.

### Symbiosis — Constant Companionship

Examples of a close companionship called symbiosis are numerous the world over. The hermit crab sometimes attracts a sea anemone to live on the crab's shell. As a result, the anemone receives mobility and gets bits of food the crab has left. The crab also receives some benefit, and the crab has been known to transfer his anemone from an old shell home to a new shell when moving.

The Portuguese man-of-war is host to a daring little fish called Nomeus. Some writers have said their relationship is mutual — that both benefit. However, others have claimed that the little Nomeus is *not* immune to the poisonous tentacles of the Portuguese man-of-war, but careful not to touch or brush against the tentacles. If the fish is caught in the tentacles, it will be killed and eaten just like any other fish.

The feeding habits of little Nomeus are quite interesting, as well. Out in the oceans, the Nomeus apparently lives on a steady diet of man-of-war tentacles. Nomeus has a special pouch behind its mouth for *storing and neutralizing* the poisonous stinging cells on the tentacles before they pass into the stomach.

### Shark and Remora

The shark and remora also have a mutual relationship. Remoras are small fish with suction cups atop their heads. With these suction cups, the remoras cling to the outside of a shark, receiving a free ride. (Remoras have also been known to cling to other fishes, rays, turtles, and other animals.)

Most scientists and observers thought the shark-remora relationship was one-sided, that the remora received all the benefit of a free ride, and scraps of food from the remains of a shark's kill.

However, more recent studies have shown that the remoras probably give the shark's body a THOROUGH GOING-OVER for parasites and sores, cleaning off any harmful debris.

Remoras have been known to move in



and out of the mouths of other large fishes, such as the mola mola, a giant ocean sunfish. They attach themselves inside the mouths and gill chambers, without any apparent irritation to the host!

Perhaps the most striking — and well known — of all the examples of symbiosis occurs between the little clownfish and sea anemone. Marine tropical fish stores sell these to collectors and hobbyists the world over.

Here in the Ambassador College Research Laboratory, we have kept a number of these little creatures for lengths of time. We found that certain of these two-inch colorfully orange and white clownfish pick a certain anemone for "home." Here, the clownfish nestles and cuddles into a feathery bed of protection and security. Whenever an enemy would approach, the clownfish would dart quickly into the poisonous tentacles of the sea anemone. Almost as if saying, "Come on inside and get me!" Of course, before the other fish could possibly grab the clown, the poisonous stinging cells of the sea anemone would have the attacker disarmed and dying.

#### Clownfish "FEEDS" Anemone

In our saltwater aquariums, we fed the anemones and larger fish sizable chunks of shrimp, kept frozen in a refrigerator. In many cases, the clownfish would swim quickly to the top of our tank, receive a chunk of shrimp, and immediately dart back to the anemone and deposit the food within the tentacles.

Then the clownfish would return to the top for another piece of shrimp, to repeat the same process over and over until there was enough food for the anemone and clownfish. Upon satisfaction that there was enough shrimp in the house, the clownfish would nestle down into the tentacles, having completed his job for the day!

Example after example of symbiosis and mutualism fill the oceans. And no doubt all the examples of these striking relationships have not even been dis-

covered. Everywhere scientists and explorers look they find a watery world of complexity beyond their expectations.

And, as always, these mutual relationships immediately pose the question — WHICH CAME FIRST? Evolution does *not* claim these creatures SUDDENLY "leapt" into some sort of being — and immediately adapted to an interrelationship necessary to the survival of both!

For how many millions of years did clownfish DIE trying to snuggle into the poisonous tentacles of an anemone until they finally "learned how"? But if they died, then they don't exist! But they DO exist — doing just what they do — and both the clown and the anemone benefit.

*Why* do the very LARGEST of all creatures survive by feeding on the very SMALLEST — such as whales and plankton? And WHICH CAME FIRST? The plankton? Then why do not ALL whales feed on it? Why do some whales eat FISH — certainly an easier and more satisfying diet than simply swimming around all day with your mouth open, gulping tons of water and filtering out the plankton! Did some whales begin to grow teeth when they found NO plankton? But there has NEVER BEEN SUCH A SHORTAGE. Then *why* develop teeth? Or, if all whales were supposedly toothed whales — then WHY DISCARD them? And HOW LONG did it take to develop those huge, brush-like filters? And could teeth and growing filters fill the same mouth?

Not only are there totally inexplicable interrelationships between completely different creatures — each of which cannot survive without the other — but the ENTIRETY of the oceans presents a throbbing, vitally alive, interrelated chain of life to the evolutionist to explain away.

Can you comprehend it? Can you be honest with yourself? Does it REALLY make sense to you that the breathtaking complexity of LIFE — *all* life, including man, and man's own MIND — could have happened as a final result of mindless, dumb, unintelligent, happen-

stance — randomness — and NOT be what your own intellect should TELL you it is — the result of a SPIRITUALLY BRILLIANT MIND, the creation of a GREAT CREATOR whose mind is so FAR above that of humans it is AWESOME?! You look at a creation of marvels beyond description — laws beyond finding out — curiosities unimagined. Yet it is OPERATING — functioning — vitally alive!

No, creation is NOT POSSIBLE without a Creator! Laws are NOT POSSIBLE without a LAWGIVER! Design does not happen without a DESIGNER! *Life* does not occur except from PRE-EXISTING LIFE OF THE SAME KIND — and is NOT POSSIBLE without a LIFE GIVER!

Your Creator, who gives you every beat of your miraculous heart and every breath of air you draw into your miraculous lungs, used the huge denizens of the deep to HUMBLE the most self-righteous man who ever lived — Job.

You ought to read the account in Job, chapters 40 through 42.

#### Think About God's Creation

And then ponder again what you have read in this article, and the others in our series on the claims of evolution. Think about the huge whales, the giant sea eels, the monstrous sharks and sea turtles — ponder the fantastic web of life in the seas — so vital to *your own* existence — and see if you can intelligently deny your God!

No, evolution is no excuse. God Almighty says you CAN prove His existence by the "things that are MADE" (Romans 1:20). As in no other era in history, God has placed in the hands of His servants the tools to PROVE, even by the *laws of science*, His existence, and to publish and preach that proof to all nations around the world! Keep looking for future articles in *The PLAIN TRUTH* about the marvels of this fabulous "good earth" we live on — and come to KNOW that your God EXISTS — and begin to FIND that God, and get to KNOW HIM!



# Why DISASTROUS FLOODS Hit Northern U.S.

*What caused this spring's widespread floods? Can such destruction be prevented in the future? What lessons were learned — and NOT learned — by this disaster? Read the answers in this on-the-spot report from the major flood areas.*

by Eugene M. Walter

**T**HE pattern was all too familiar. Heavy rains had saturated the soil last fall before the winter freeze. Snow came early and in record or near-record amounts. More than one hundred inches fell in many areas of the Northern Great Plains.

To make matters worse, the water content of the snow was extremely high — and natural ponding areas were already generally full. Winter stream-flow of many rivers was averaging more than twice the normal flow.

Months before the spring thaw began, it was obvious what was coming.

## Preparing for the Inevitable

In Minnesota, the Dakotas, Wisconsin and northern Iowa, cities, towns and farms along the Red River of the North, the upper Mississippi, the Mouse, the Big Sioux, the St. Croix, the Minnesota — and dozens of other rivers and streams — prepared for the inevitable as best they could.

Time was precious and everyone knew it.

Quickly the Army Corps of Engineers seized the initiative and organized the flood fight. In co-operation with local communities, *Operation Foresight* — a plan of emergency preparation and action — was launched. The Corps agreed to supply the know-how and to let the contracts for the building of emergency dikes if local communities would supply



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**FLOOD TRAGEDY** — Residences in Fargo, North Dakota which failed to escape floodwaters.

rights of way, fill, volunteer labor, etc.

The speed and efficiency with which Operation Foresight was carried out exceeded all expectations. Colonel Hesse of the St. Paul Corps of Engineers office said, "I frankly didn't feel we could move with the dispatch that we did. I suspect we mobilized more equipment faster than has ever been done anywhere at any time."

Some 72 miles of temporary dikes were constructed in only twenty days! A total of 110 miles of dikes were built.

And then — after days of tense waiting — the floods came.

As the rivers pushed to their crests, our staff members travelled to the major critical areas to bring our readers the unique coverage for which *The PLAIN TRUTH* is known. Our purpose is not only to report *what* happened, but also to explain *why* it happened and what it *means*.

## Fargo-Moorhead Fights the Flood

Our first destination was the Red River of the North which forms the border between North Dakota and Minnesota. Arriving in Fargo late at night, we found a six-foot emergency dike literally at the door of our motel! The Red River — climbing to its highest crest in 72 years — was rushing by several feet above the level of the street we were standing on! We didn't mind it a bit that our rooms were on an upper floor.

Half a block down the street we noticed considerable activity and went to see what was taking place. A leak in the dike was developing right in front of the city hall and frantic efforts were being made to stop it. In the eerie artificial light dozens of volunteers — mostly young men — were feverishly unloading sandbags from a huge truck and trying to plug the leak. Their efforts were successful. The leak was stayed.

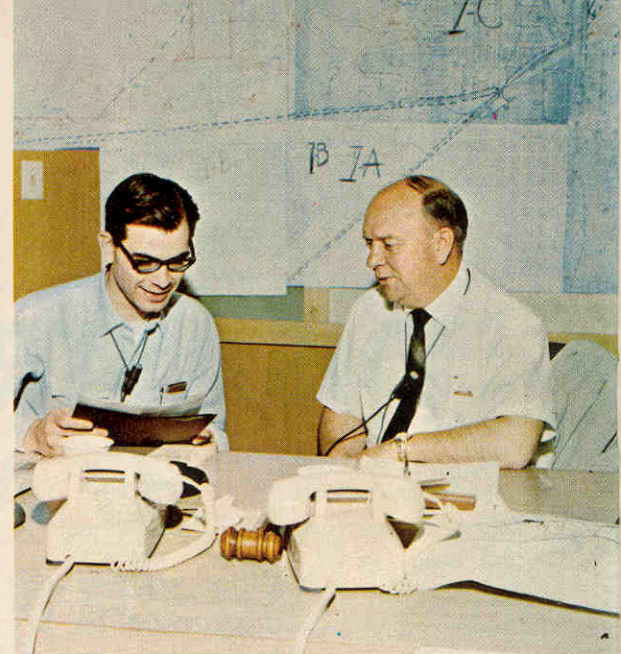
It was obvious that many of the





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**OPERATION FORESIGHT IN ACTION** — Photo shows dike thrown up in downtown area of FARGO, North Dakota. This was part of 72 miles of dike works constructed in only twenty days. The effort saved an estimated 200 million dollars.



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Correspondent for *The PLAIN TRUTH* magazine interviews Mayor Johnson, right, of Minot, North Dakota. Flood damage totalled \$600 per person in this town of 35,000.

volunteers and officials had put in long hours and were dead tired. Paradoxically, just two blocks away the bars were still open and filled with as many customers as usual — all seemingly oblivious to the danger and drama which was taking place just around the corner.

The next morning the Fargo and Moorhead Police Departments graciously arranged for us to survey the flooded area by boat.

Fargo already had had a permanent levee in critical areas of the city. In preparation for the flood, it had been shored up and extended. The city purchased about six houses which were in the area of the dike extension. Several of these were moved and the rest were sacrificed to the flood.

Moorhead was not so well prepared and the damage was more severe on that side of the river.

We shook our heads in disbelief as we saw dozens of houses immersed in swirling water — some up to their roofs — and were informed that in certain parts of these low-lying areas this was almost an annual occurrence.

One man boasted that he had been flooded out of his home more than thirty times!

Another — whose house was now under water — had just put \$7,000 in improvements into his home!

But it was even more amazing to

learn about the better class of *never* homes — some in the \$100,000 category — which were flooded in suburbs to the south!

As the water climbed higher, rats were driven from their sewer sanctuaries and became somewhat of a problem — but not to the great extent rumored. Chief Anderson of the Fargo Police Department said tourists and rumors were a far bigger menace than the rats.

Many Fargo-Moorhead citizens were impressed by the way the young people had responded to the crisis. Their volunteer labor had undoubtedly prevented millions of dollars' worth of damage.

Others were not so all-inclusive in their praise. They said that while many of the young people did work hard, a number of the hippies were so unaccustomed to work that they were more of a hindrance than a help. Some hippies said they would let the whole establishment go down the river before they would lift a finger to help.

#### Surveying the Red River by Air

The next morning we flew down the river by air. (*Down* happens to be north on the Red River which flows into Canada.) Part of our team went by helicopter in order to survey the area at a lower altitude and to get closer pictures.

At one time the broad floodplain of the Red River was glacial Lake Agassiz. This morning it was again a lake — 150 miles long and from eight to twelve miles wide where the river was cresting.

More than 210,000 acres of fertile farmland were inundated. Operation Foresight could do little in these rural areas. Many old-timers said the property damage on farms hit by this flood was the worst they had ever seen — and living on the Red River they had seen many.

On literally hundreds of farms we saw buildings, machinery and haystacks under several feet of brown, murky water — and sometimes more. Live-stock were seen huddled together on the few remaining patches of dry ground. Some farmers had successfully diked their houses; others hadn't even tried.

One farmer, for example, lost 21 head of dairy cattle. Another lost a bin full of soybeans. The beans became wet and expanded, literally "blowing up" the beans and the bin. Other farm losses included buildings, pollution of wells, damage to roads and fences, and the cost of cleaning up debris. Many of these losses are extremely difficult to assess and do not appear on any official statistic.

Some farmers were reported to have





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**A VILLAGE UNDER WATER** — Aerial view shows Perley, Minnesota (population 165) inundated by rampaging floodwaters. One foot of water flowed through the highest parts of the village.

dynamited and bulldozed roads and culverts to keep water off their land or to get rid of it. This hurt other farmers who were angrily trying to press legal action.

Though individual losses were sometimes very high, a Department of Agriculture official explained to us that actual damage to most farms was probably not as bad as it looked. The big concern was that the water would recede in time to permit planting before it was too late in the relatively short growing season. Rain or other unfavorable weather which would keep farmers from getting into the fields would be a far greater disaster than the flood as far as the majority of the farmers were concerned.

North of Grand Forks, the little town of Oslo, Minnesota (pop. 440) was high and dry. A dike — constructed in 1966 — ringed the village which was now an island in a twelve-mile-wide lake.

Oslo stood out in sharp contrast to several other villages along the riverbed. Perley, Minnesota (pop. 165), for example, had no protection and a foot of water flowed through the highest parts of the village. Perley is located more than one mile from the Red River channel and no one could remember the village being flooded before. Some blamed the Army Corps of Engineers for Perley's plight, others blamed the village fathers, and yet others were silent — as if in disbelief that it could happen to them.

In the Riverside Park area of Grand Forks, tempers were rising faster than the river's crest. Some citizens had opposed any dike which would harm their lawns and obstruct their view of the river. Now about fifty homes —

among the city's finest — were under water and, it seemed, nearly everyone was blaming everybody else.

### The Mouse that Roared

When our staff arrived in Minot, the city was between crests of the Mouse River. Winding down from Canada where it is called the Souris (French for "mouse"), the river was delivering a soggy one-two punch.

The Des Lacs and Mouse rivers meet eight miles north of the city. While an ice jam in Canada slowed the flow of the Mouse, the Des Lacs reached its crest and came storming into the city. Crest number two — the bigger one by several feet — came from the Mouse and was a week behind. This prolonged the anguish, but gave the city time to prepare for it.

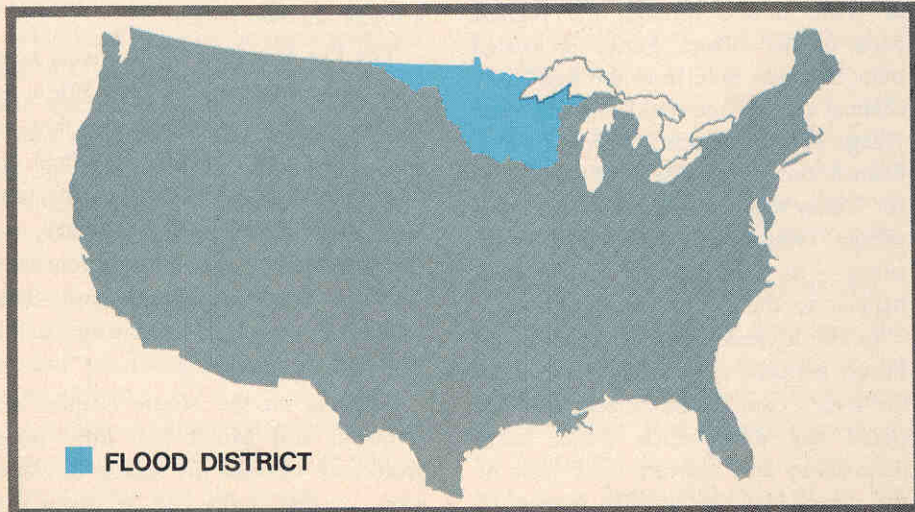
Flooding on the Mouse is quite infrequent, and Minot had little flood protection. Because the Mouse traverses some twelve miles as it meanders





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**WATER, WATER EVERYWHERE** — Floodwaters between Fargo and Grand Forks, North Dakota present eerie picture. Approximately 210,000 acres of fertile farmland were inundated by floodwaters. Below, map shows extent of flooding.



through the four-mile-wide city, it was an impossibility to construct emergency dikes along the 24 miles of riverbank. Such a project would take several months.

The city therefore chose to protect its public facilities by dikes, to arrange for the evacuation of those who needed it, and to let everyone else shift for themselves.

One person who shifted for himself was the owner of a small shopping center on the riverfront. Trucks and bulldozers were roaring and snorting as men worked around the clock to ring the area with a dike. Some of the drivers had already been working for 24 hours and the end was not in sight.

The owner explained to us that the work which was under way was costing him \$300 per hour. He estimated it would cost \$16,000 to dike up the shopping center and another \$5,000 to haul the dirt away — all of it coming out of his pocket.

At least one homeowner declared himself a "personal disaster area" and turned in his house keys to the mortgage company.

Others were determined to save their homes at all costs. They made sandbags from any material available — including colorful cast-off clothing.

The owner of a \$75,000 home built a seven-foot dike around his house and reinforced it on the side facing the river with wood and plastic sheeting. He put a boat on top of the dike and waited for the crest. Most of his neighbors had abandoned their homes. One had left for California and would not return until the flood was over.

Some 3,000 homes occupied by 12,000 people were evacuated. This was one-third of the inhabitants of Minot.

Total damage is estimated at about \$20,000,000 — an average of more than \$600 for every one of the 35,000 persons living in Minot.

The flood this spring was the biggest since 1929 and second in size only to the record flood of 1904. Though this early flood had a higher crest, only 4,000 people lived in Minot in 1904.

In an interview with Mayor Johnson we asked if he thought the flood would



have any long-range effects on the city. He did not think so. Most flood victims would return to their homes and forget all about it — until the next flood. In some river-front areas, property values would fluctuate for a while, the mayor speculated, but before long all would be back to normal. "Flood conditions are one of the shortest-lived memories which people have," he said. After what we had seen we were inclined to agree.

### Big Sioux on the Warpath

To the south, the Big Sioux had already produced what officials called the worst flood of the century. Entire villages on this South-Dakota-Iowa borderline river had to be evacuated. As in the Red River basin, thousands of square miles of rich farmland were inundated.

At Sioux Falls, South Dakota, a channel had been built to divert excess water from the Big Sioux around the city in times of flooding. This year wooden extensions several feet high had to be attached to the top of the diversion channel to keep it from spilling over — and it looked bad for a while. But the system worked far better than officials had dared to expect.

About fifty homes were flooded when a dike broke, but even this was small compared to what might have been.

### The Upper Mississippi

At St. Paul the Mississippi stretched toward its 1965 record crest of 26.1 feet — and then drew back 1.6 feet shy of the mark. More than one million gallons per second flowed down the river at its crest. This is fully fifteen times the normal rate and about one and one-half times the maximum flow that is expected once every fifty years.

Riverside roads in St. Paul were under several feet of water as were the train depot and the downtown airport. Several inches of water were reported in the sub-basement of the main post office building which also happens to house the Headquarters for the St. Paul District of the Army Corps of Engineers.

As the 50-mile-long crest of the Mississippi moved slowly south, most of the river towns were ready. Many already had permanent levees and these were now being reinforced. Temporary

emergency dikes were being built in many critical areas.

As the crest meandered toward the Gulf of Mexico, it gradually spread out and lost its momentum and the big Mississippi flood of 1969 was over.

### Summing It Up

It would be impossible to catalog and chronicle what happened along each flooded river and in all the river cities and towns. But as Governor Guy said when requesting to President Nixon that North Dakota be declared a disaster area: "Destruction in many communities is greater than any in history."

Perhaps the most impressive characteristic of the disaster was that flooding occurred in so many rivers spread out over such a wide area. It is true that big rivers like the Red and Mississippi did not reach an all-time high, though they came very close. But to have the Red, the Mississippi, the Mouse, the Big Sioux, the St. Croix, the Minnesota, the West Des Moines, the Blue Earth, the James, the Cheyenne, and many others all flood to near-record (and some to record) proportions at the same time was quite unusual.

The most extensive damage by far was in the St. Paul District which included most of the critical areas in Minnesota, North Dakota, Wisconsin, and some parts of Iowa, South Dakota and upper Michigan. The damage caused by the spring floods was also *near-record* when considering the overall total, and *record* when considering *agricultural* and *transportation* damages.

In the St. Paul district total damage stood at well over \$100,000,000! Of this amount, a record \$40,000,000 was lost by agriculture and a record \$29,000,000 was lost by transportation (roads, railroads, etc.).

Though \$24,000,000 in damages were suffered in *urban* areas, this was less than half the \$55,000,000 record loss sustained in 1965. It was in the *urban* areas that Operation Foresight really paid off.

In the St. Paul District, it cost more than \$8,000,000 to build 82 miles of emergency dikes, provide 5,800,000 sandbags and more than 40 miles of plastic sheeting, to pump water, dyna-

mite ice jams, and carry out all the other flood-fighting activities of Operation Foresight. But that \$8,000,000 was well spent.

Operation Foresight saved an estimated \$200,000,000 in damages! Even with Operation Foresight, the damage was bad enough. Without it, the results would have been far more tragic.

### Will It Happen Again?

The 1969 spring floods in the Northern U. S. are now history. But what about future years? Is there any way to *prevent* these disasters?

What *causes* floods of this magnitude? Are poor soil and water conservation practices to blame, as some claim?

Man's ruthless and greedy activities in destroying, polluting and depleting our land and water resources are not to be minimized. What man has done to the earth is a disgrace and a tragedy. Our colorful free booklet, *Our Polluted Planet*, makes this point clear.

Some activities of man undoubtedly do affect and upset the entire weather pattern to some degree. In this sense, man does contribute excesses of weather which cause flooding. The plains should have been allowed to retain more grass cover and mountains more forest cover to slow the runoff from snow melt and rains.

The fact remains, however, that no amount of soil and water conservation practice can completely prevent floods like those experienced this spring in any flat floodplain.

As Colonel Hesse of the Army Corps of Engineers said while surveying the flooded area by air, "These floods are not man-made. When you get up in the air and look at it, you can see that man has very little to do with causing a flood of this type."

Floods were occurring in the 1800's — long before man's activities had any significant influence. Some of these flat valleys should have been treated as floodplains, as the river Nile is.

"Man doesn't make big floods like this," said another official. "Nature does. All that man should do is get out of the way."

That would be a good idea — and a partial solution. Man should have stayed



out of the way. Buildings on a floodplain should be on stilts or mounds.

### Many Live in High-Risk Areas

It may come as a surprise, but government surveys show that an estimated *ten percent* of American families live in floodplains or coastal areas subject to periodic hurricanes and other storms! That is 20,000,000 people!

People who live in floodplains ought to *expect* to experience flooding. It's a simple matter of cause and effect.

"A flood is a natural phenomenon which we all should recognize. It is nature's way of carrying off an excess flow of water," an engineer told us.

Some floodplains are more prone to regular flooding than others. Naturally, you would expect frequent flooding in the very lowest parts of a floodplain near the river. Higher up the plain farther from the river it might flood once every five to ten years, still higher only once every 25 to 50 years, and higher yet perhaps only once each century. When these high marks will be reached — and how frequently — is of course quite unpredictable.

But obviously, the surest way to avoid floods is to get out of a floodplain! Yet the Army Corps of Engineers says that many people who experience frequent floods are not even aware that they are living in a floodplain!

For some, it may not be economically possible to move to another location. For many, however, it would be possible. Some cities even offer to move homes free and to pay relocation costs — but the people persist in living in the same flood-prone area.

If a person feels the benefits of living or doing business in a vulnerable area is worth the risk involved, then he should be prepared to pay the consequences when a flood comes.

It is one thing to help someone in real need. It is quite another to continually assist those who have been warned and who will not help themselves. Why, some ask, should those who are careful to live in a safe area be penalized, financially, for the stubbornness and greed of those who don't?

The Army Corps of Engineers has long urged floodplain zoning. They feel that high-risk areas in floodplains should

be turned into parks or some other purpose where property damage in time of flooding would not be severe. Now, finally, some are beginning to listen.

### Will Dams Solve the Problem?

Another major solution urged by some is the building of flood-control dams. But this is a tragically shortsighted solution that ignores all the lessons of history.

Dams which give *temporary* flood control can be built — at a tremendous price. Such dams take thousands of acres of rich bottom land out of production. Then, after a few years, they silt up. Right now there are over 2,000 dams in the U. S. which are useless impoundments of sand, gravel and silt. When a dam silts up, often the course of action is to build *more* dams farther up the river to relieve the pressure. This takes more precious land out of production and the vicious cycle continues.

No, dams are not the real solution to the flood problem. The great agricultural nations of old — which are useless deserts today — testify to that.

But what, then, *is* the solution to violent floods?

### The Only Real Solution

What causes floods of the magnitude and scope described in this article? Nature does! And who controls nature? *God does!*

God controls everything in the universe — and that includes nature and the weather. In the world today God is allowing nature and the weather to work against man — to be man's foe instead of his friend.

But in the wonderful world tomorrow which is just around the corner, all this will be changed. God will change the weather patterns so that perfect and ideal weather will be the rule and not the exception. Our free booklet *The Wonderful World Tomorrow* gives a complete description of what conditions will be like in that breathtaking world.

Before that wonderful world can begin, however, man must first learn some important lessons. He must learn that he is incapable of governing himself. He must learn that he is not self-sufficient — that he needs the wisdom and help of God.

One of the first rules of learning is that you must have the student's attention. Right now man is not willing to give God his attention so that he can learn what he ought. But very shortly God is going to bring about circumstances that positively *will get* man's attention.

The disastrous floods of this spring ought to be taken as a warning of what is yet to come. But how many looked at it this way?

### A Warning Ignored?

The spirit of co-operation which saved hundreds of millions of dollars worth of property and untold suffering was certainly commendable. But the success of these efforts can also lead to a deadly dangerous attitude.

It can make people feel proud, self-sufficient and falsely secure. It can make them feel that their own way of life is satisfactory and that there is no need to change it for something much better.

For example, one farm family that waged a hard-won battle against the flood with only the aid of two families of hired help laughed at the people in town who called on others for help. *They* were proud that *they* didn't need help from *anybody*.

Just because six or seven people had co-operated in sandbagging a house and in living together for several days, they told us, "This has revived our faith in human nature. Now we know we can see our way through anything."

Was the co-operation a bad thing? No. Was it bad that the house had been saved? Of course not. But the attitude they let their success breed was a tragedy. Can you imagine what it's going to take to break an outlook like that? — and it *will* be broken.

Experience is NOT the best teacher. Experience is often a vicious, tragic teacher. But it is the only way some will learn. Today's floods and droughts are but a very small prelude of natural disasters to come.

But why learn the hard way? You can learn the lessons you should an *easier* way. Write today for our free article "There is a Way of Escape." It describes how you can be protected in the tumultuous days ahead.



# *The* STORY of MAN

*for children five to one hundred five*

Everyone should know the true story of mankind. In the guise of scholarship, fables have been substituted for fact. A few have researched the truth. The evolutionary approach has been disproved, and the Biblical record proved true. Basil Wolverton has made a significant contribution to the literature of our time by faithfully sifting out the story of mankind in continuity, putting the thrilling story in simple and beautiful style for people of all ages.

by Basil Wolverton

## CHAPTER ONE HUNDRED TWENTY-EIGHT

### “BUT IT’S ONLY A WHITE LIE!”

**E**LISHA wanted to feed a hungry crowd that had come to hear him lecture. But all he had was a few ears of corn and twenty small loaves of barley bread.

Elisha instructed that these be given to the people. His servant complained that such a small amount of food for so many people would be more annoying than satisfying. (II Kings 4:42-43.)

#### Not Enough Food?

“Distribute the corn and bread as I asked,” Elisha said firmly. “You will find that there will be more than enough.”

Grudgingly the servant began passing out the

food. But he grumbled to himself that when the people realized only a few were to be favored, they would feel anything but friendly to him and his master. Moments later he became aware that his baskets of bread and corn were no emptier than when he had started to pass out the contents. The servant finally noted with astonishment that the crowd of over a hundred had been served. And bread and corn were still in the baskets.

Almost frantically he started again, this time swiftly handing out food in the attempt to empty the containers. Then he gave up, convinced that every time he took food out, it was somehow replaced. Blinking in wonderment, he set the baskets,



still full, down beside Elisha, who gave him a knowing grin. (II Kings 4:44.)

This was the ninth miracle performed through the prophet.



Elisha's servant was astonished to see that the baskets containing corn and bread were still full even after their contents had been distributed.

### The Case of the Sick Syrian

About this same time, up in the land of Syria, an Israelite girl, captured by a Syrian raiding band, was turned over to the wife of Naaman, commander of the Syrian army. Naaman was highly respected for his ability, bravery and integrity. But all this was overshadowed by the awful fact that he had leprosy. (II Kings 5:1-2.)

Greatly disturbed to learn that such an able leader had such a serious affliction, the Israelite

handmaid suggested to her mistress that her husband go to a man in Israel who could cure Naaman of his leprosy.

"This man, whose name is Elisha, has performed some wonderful miracles because he is so close to God," the girl explained. "If he asked our God to heal your husband, it would be done." (II Kings 5:3.)

"I don't think your God would be interested in anyone except you Israelites," Naaman's wife observed indifferently.

"That really isn't so, ma'am," the girl said. "Our God is interested in all people, because He made all people. He wants to help all who try to live honorably, and surely your husband is an honorable man."

Naaman's wife ignored her handmaid's suggestion, but a servant who overheard the conversation told Naaman about it. The general was so interested that he went to the king of Syria to ask his advice.

"Go to this Elisha," the king said. "What can you lose? I have heard that this man has strange powers. I shall give you a letter to the king of Israel to explain your presence in that country."

Accompanied by servants, and supplied with plenty of money and several changes of clothing, Naaman left at once for Samaria. (II Kings 5:4-5.)

Jehoram, Israel's king, was pleasantly surprised when he learned that the commander of the Syrian army had come on a peaceful mission. However, his attitude immediately changed when he read the letter from the king of Syria. He jumped to his feet and yanked so violently at his royal coat, in his anger, that he put a long rip in it.

"The king of Syria is trying to start another war!" he bellowed. "He sends me a leper to be healed! Does he think that I'm God, to be able to take or give life? If his general returns unhealed, he'll probably become so vengeful that he'll send an army to attack us!" (II Kings 5:6-7.)

Jehoram refused to meet Naaman. He wouldn't



even let him know where he could find Elisha. Somehow the prophet quickly found out about Jehoram's conduct. He sent word to Jehoram, before Naaman left Samaria, requesting the king of Israel to send the general to him.

"This is a matter for me to take care of," Elisha's message stated. "There is no reason for you to be alarmed. The king of Syria is not trying to make a reason for war. Let his commander learn that there is only one real God, and that there is one of God's ministers in Israel."

A short while later Naaman drove up in his colorful chariot close to the house in which the prophet was staying. The general and his aides, mounted on steeds with fancy trappings, waited for Elisha to come out and greet them. (II Kings 5:8-9.)

Presently a man emerged from the house and walked up to the chariot.

### Puncturing the Balloon of Vanity

"Are you Elisha?" Naaman asked.

"No," the man answered. "Elisha sent me to tell you, if you are Naaman, that you should go to the Jordan river and immerse yourself seven times. Then you will be free of your leprosy."

The man turned and went back into the house, leaving Naaman puzzled. Then he became irritated.

"This prophet fellow didn't even come out to meet me!" the general bitterly remarked to his aides. "Instead, he sends out a servant to tell me, a general, what to do. I thought he would at least come out personally to me, call on his God for the power to perform a miracle, make appropriate passes over me with his hands and declare me cured. What sense does it make to be told by an underling that I should go dip myself seven times in the Jordan? The high rivers of my own country are cleaner and clearer than any river in Caanan, especially the Jordan. Wouldn't I be better off to immerse myself in them? Let's get out of here and return home!" (II Kings 5:10-12.)

Naaman's party turned back to the north. The way to Syria took them across the Jordan river.

At this point Naaman's aides carefully pointed out to him that he might be wise to follow the advice he had been given.

### Proof of God

"You expected Elisha to do something grand and dramatic for you," they reminded him. "Instead, he sent word to you to carry out something easy and simple. It was so simple that you ridiculed it. If you had been instructed to do something more complex and difficult, so you could feel that you were important, wouldn't you have been more inclined to carry it out?"

"Probably," Naaman answered. "You fellows are trying so hard to talk me into this thing, that I'll satisfy your desires and curiosity by dipping myself in this river seven times."

After the general had put himself under the water seven times, he walked out on the shore to discover, to his amazement, that the diseased part of his body had become as whole as that of a healthy boy! (II Kings 5:13-14.)

"I am healed!" Naaman shouted. "The decay in my flesh has disappeared!"

The general's aides swarmed around him with curiosity, astounded at what they saw.

"I must go back and thank Elisha!" the overjoyed Syrian told his men.

When they arrived at the house where Elisha was staying, the prophet came out to greet them. He knew that Naaman's return meant that the general had followed his advice. Naaman stepped out of his chariot and strode happily toward Elisha.

"I did as you said, and I have been healed!" he exclaimed. "This proves to me that your God is the only real God on this Earth. All the other so-called gods put together could never perform a miracle such as this!"

"That is true," Elisha nodded. "I would be pleased if more Syrians realized that."

"There isn't enough gold in Syria to pay for my healing," Naaman said, motioning to one of his aides to bring him a bag of coins, "but it's



my pleasure to give you this as a token of my thanks." (II Kings 5:15.)

"I can't take it," the prophet stated, holding up a refusing hand.

"But surely you can use it in your work for your God," Naaman pointed out. "I want you to accept it."

"Thank you, but I can't," Elisha said firmly, shaking his head.

Naaman stared at the prophet. He realized that it was useless to press the Israelite in this matter. He shrugged his shoulders and passed the bag of gold back to his aide.

"If I can't help this way, I can make offerings to your God," Naaman observed. "Allow me to take with me all that two of my mules can carry of the soil of Israel. From it I could construct an altar to sacrifice to your God." (II Kings 5:16-17.)

"No one should sacrifice to the God of Israel unless he forsakes idols," Elisha remarked.

"From now on I'll worship only the one true God," Naaman answered. "There'll be times, though, when my aged and feeble king will expect me to accompany and assist him to the shrine of Rimmon, the Syrian god of the sky. I trust that God will forgive me if I give the appearance of worshipping when I bow with the king before the altar."

"May God be with you," Elisha said, "and I will pray that you won't bow before a false god just to please your king." (II Kings 5:18-19.)

### The Love of Money

The Syrians left, unaware that they were being watched from behind a wall by a man who didn't intend to see the last of them. The man was Elisha's servant, Gehazi. He had overheard the conversation between his master and Naaman. A scheme to obtain some of the Syrians' gold had come to him.

Naaman and his men had gone about three miles when they saw someone on foot wearily trying to overtake them. The general recognized him as the man who had informed him, hours

before, what he should do to be healed. He stepped out of his chariot and walked back to meet him.

"I am Elisha's servant," Gehazi panted. "My master sent me to try to catch up with you."

"Is anything wrong?" Naaman asked.

"It was, but I trust it will be all right now," Gehazi answered. "Right after you left, two men came from Mount Ephraim, where my master teaches a school for prophets, to inform him that the school would have to be closed unless a talent of silver could be paid on back expenses. Even the two men, who are students, were almost threadbare. Unfortunately, my master had no clothes to give them, and no money to send back for the school. Then he thought of you, and how you had offered to help. He hesitated to send me after you, but I persuaded him it should be done."

"Say no more," Naaman interrupted. "I welcome this opportunity to assist. In fact, I want you to take *two* talents of silver back to your master, and I'll see that you get the clothing that's needed. Two of my men will take these things back for you. Two talents of silver weigh too much for you to carry." (II Kings 5:20-23.)

Gehazi shook with greedy anticipation at the thought of sudden wealth. Besides the costly clothing, two talents of silver were equal to thousands of dollars today. But he was worried. If Naaman's men took all this back to where Elisha was staying, Gehazi's lie about Elisha needing money would be exposed, and he would be punished for thievery. The wily servant managed to prevent the two men from reaching Elisha by talking them into leaving their load at the north side of a high boulder only yards from the house the prophet was in.

"My master is probably praying, and wouldn't want to be disturbed," Gehazi lied. "I'll take the silver and clothing to the house later. I know that you're anxious to rejoin Naaman and be on your way back to your country." (II Kings 5:24.)

### The Liar Discovered

As soon as the Syrians departed, Gehazi returned to the house. Elisha said nothing to him





Gehazi went out after dark to drag into the house the valuables he had received from Naaman.

about his absence, so the servant assumed that he hadn't been missed. After dark he made several trips out to the boulder to bring in his valuables. The silver alone weighed more than two hundred pounds. He hid the things in the house in a place he felt certain Elisha wouldn't find. His head swam with thoughts of how he would buy orchards, vineyards, cattle, sheep and servants.

"Where have you been today?" Elisha later asked him. "Your sandals look as though you've traveled quite a distance."

"I didn't even go for a walk," the servant answered.

"Then you did a lot of running," Elisha added. "Otherwise you couldn't have overtaken Naaman, who left his chariot to go back to meet you. With what he gave you, it would be possible to purchase the orchards, vineyards, cattle, sheep and servants you've been thinking about."

"How—how do you know?" stammered Gehazi, backing away in fright.

"God tells me many things," the prophet explained. "He has told me that because you dishonestly took silver and clothing from Naaman, you will also receive something else that was his."

"What do you mean? All I told was a white lie," Gehazi muttered, staring fearfully into Elisha's penetrating eyes.

"You can have his leprosy," was the reply.

Gehazi's wild gaze dropped to his hands. His eyes popped even wider as he saw that his flesh had suddenly turned a pasty white! Screaming in anguish, he bolted out of the house and disappeared in the darkness.

Undoubtedly Elisha soon straightened out matters with Naaman, whose healing was the tenth of God's miracles through the prophet. The





Screaming in anguish because of instantly becoming a leper, Gehazi darted out of the house and disappeared in the night.

eleventh miracle was the transfer of the Syrian's leprosy to Gehazi. (II Kings 5:25-27.)

### Returning a Borrowed Tool

The twelfth occurred shortly afterward. The school for prophets near Jericho became so crowded in its living quarters that the students suggested to Elisha that they cut their own lumber along the Jordan river and construct buildings there. Elisha favored the move, and went with the men to help where he could.

As one of the men was felling a tree on the bank of the river, his axe head flew off the handle, spun out over the river and fell into a deep hole.

"How terrible! I've lost a borrowed axe," the man unhappily declared to his fellow workers.

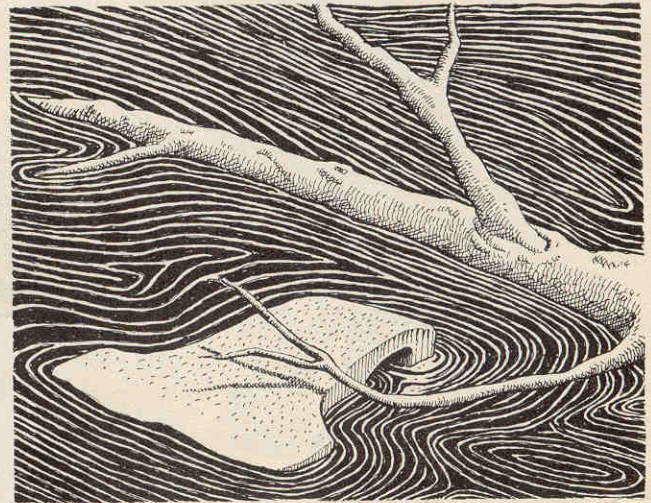
Elisha heard about the incident. He went to the despondent man and inquired where the axe had fallen into the river.

"There in that deep part," was the reply. "It

was a borrowed tool, and I can't afford to pay for it." (II Kings 6:1-5.)

"You'll get it back," Elisha assured him, cutting a branch from a tree and tossing it into the river where the axe had sunk.

To the amazement of the workman, the axe head came up to appear on the surface of the water, and drifted downstream with the branch!



The iron axe head came up from the bottom of the river to float on the water's surface where Elisha had tossed a branch.

"Get it while it still floats," Elisha said.

The man ran along the river's edge till the branch came within his reach. There he used it to draw the iron axe head to the bank. Within minutes he fitted the axe more securely back on the handle and happily resumed work. (II Kings 6:6-7.)

### Spying Without a Spy

About this time the Syrian army made surprise attacks on certain places in Israel, but the expeditions met with strong resistance. The Israelites seemed to be aware in advance where the attacks would be made. This happened so often that the ambitious, war-minded king of Syria became suspicious and angry. At last he called a special meeting of his army staff. (II Kings 6:8-11.)

"Someone here is selling information to the enemy!" he thundered. If the traitor doesn't confess, I'll have no choice but to punish all of you with death!"

*(To be continued next issue)*



## *What You Should Know About*

# BIRTH DEFECTS

*Birth defects are a growing, heartrending problem! Yet birth defects need not be! It is time we examined the practical precautions that make for normal, healthy children.*

by William F. Dankenbring and Dexter H. Faulkner

**I**'M SORRY —

"I've got bad news for you," the cautious doctor told the new parents. "Your new son, as he grows up, will suffer from mental retardation."

What more heartrending, tragic news could a new father or mother have brought to them?

### A Growing Tragedy

How many thousands of parents have heard —

"Your son is born blind... or deaf... or crippled... or mentally retarded. There is nothing medical science can do. I'm sorry."

Every year in the United States, these or similar tragic words resound in the ears of parents of about 250,000 children who are born with birth defects. These children can't see, or can't hear, or are physically crippled in one way or another. Or they are mentally retarded.

Said Dr. Kenneth A. Berkaw, chief of pediatrics at the Harriman Jones Medical Clinic of Long Beach: "*One out of every 14 babies* in the United States is presently born defective."

Why? Is it natural to suffer from a birth defect?

Birth defects directly affect *one family in ten* in the United States! Every year half a million babies are killed outright by congenital defects before they are born. A quarter million survive to be born with significant defects. And of these, 60,000 — children and adults — die annually from birth deformities!

The only plague striking more Americans yearly is heart disease! Birth deformities are the second greatest destroyer of life in the United States!

Every two minutes, a baby is born with a serious defect in the United States — or 700 every day!

Why? What are the chances, if you are a prospective parent, of YOUR baby being defective? What can you do to PREVENT defects? You *can* lessen the odds! There are important steps you can and SHOULD take to prepare for healthy children.

But first, notice the staggering, overwhelming facts.

### Staggering Statistics

You don't often hear much about birth defects. They are a silent, often hidden plague stalking thousands of families yearly. No one likes to talk about them. They are too personal, too

heartrending, too — well, you might almost say — embarrassing!

Authorities estimate that there are in the United States 1,375,000 children under six who are victims of birth defects or congenital deformities. More children are hospitalized for birth defects than for all infectious diseases combined! Born seriously handicapped, these children spend six million days a year in hospitals, at a cost of over \$180 million.

More than 300,000 babies are born premature every year — they have two to four times as many serious birth defects as full-term infants. Premature birth is connected with 44 percent of all infant deaths!

Investigations of more than 21,000 births in New York City, Hawaii, and England, indicate that at least 7 percent of the live-born have structural or functional defects, fewer than half of them evident at birth.

Other specialized studies indicate this figure may be too conservative. One study reported 11 percent musculo-skeletal defects alone; another found an incidence nearer to 14 percent.

### "The Eleven Million"

It is reliably estimated that 11,000,000 Americans have one or more serious



## BIRTH FACTS

- 10% of all births are either dead, damaged, or defective.
- One out of every 16 (7%) has one or more major birth defects.
- A single birth defective child could cost a family more than \$500,000 during a life span.
- Many defects—around 18% — are hidden and create problems later in adult life.

**EVERY 2 MINUTES  
IN U.S.A.**

**A CHILD IS BORN  
WITH A**

**MAJOR-BIRTH  
DEFECT**

**OVER 300,000 ARE SO AFFLICTED EACH YEAR.  
OF THESE, AT LEAST 56,000 DIE ANNUALLY.**

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congenital defects. Here is a rundown of the major ones:

- 3,000,000 mentally deficient;
- 1,000,000 congenitally crippled;
- 500,000 blind or nearly blind;
- 750,000 deaf or nearly deaf;
- 350,000 with congenital heart defects;
- more than 100,000 with speech defects.

These eleven million are walking around today, fortunate to be alive! Another 4 million diabetics are often [though falsely] included among those suffering from congenital defects.

What CAUSES birth defects? Why are so many children being born severely handicapped — blind, deaf, retarded, disabled?

More than one thousand types of defects have been catalogued, ranging from those we have mentioned to club-foot, cleft lip, defects of the heart and circulatory system, birthmarks, extra fingers and toes, hydrocephaly (water on the brain), mongolism, chemical defects, and many, many others.

According to Dr. James F. Glenn,

one in every 1,000 newborn babies has an "intersex" problem. That is, the appearance of the external sex organs differs from the chromosomal, genetic, or hormonal sex makeup of the person.

### The Tragic Toll

If you are a prospective parent, what would YOU give to make sure that your children will be NORMAL?

The words of scientists are not promising. At least, according to the words of Dr. Harvey Bender, associate professor of biology at Notre Dame, mankind is "horsing around" with life in a way that *could* cause almost EVERYBODY to be born with at least one or two serious defects in a few more generations!

Astounding? No!

Dr. Bender warned, "In the next century or so EVERYBODY could be expected to have one or more of these traits to pass on to his descendants."

Think of it — a *whole world* filled with the crippled, the halt, the lame, and the blind!

But, thank God, this dismal prospect will not come to pass! There is a way to HALT the trend. There is a way to safeguard children's health and the health of future generations!

### The Major CAUSES

In the United States, about one birth in 14 is deformed in some way. Thorough statistics for other nations are hard to obtain.

However, a United Nations Report of a study of "congenital malformations" in 24 cities around the world conducted by the World Health Organization in 1966, found the following rates of malformed births in various selected hospitals:

Johannesburg,

South Africa . . . . . one in 44

Panama City, Panama . . . . . one in 48

Belfast, North Ireland . . . . . one in 52

Melbourne, Australia . . . . . one in 53

Bogotá, Colombia . . . . . one in 60

São Paulo, Brazil . . . . . one in 62

Mexico City, Mexico . . . . . one in 68

Madrid, Spain . . . . . one in 75

Zagreb, Yugoslavia . . . . . one in 78

Alexandria, Egypt . . . . . one in 86

Hong Kong . . . . . one in 87

Kuala Lumpur,

Malaysia . . . . . one in 95

Santiago, Chile . . . . . one in 106

Capetown,

South Africa . . . . . one in 107

Bombay, India . . . . . one in 116

The difference between U. S. figures and those of other nations is not as



great as it at first seems. The World Health Organization report declares that following up a population of births shows that 1.5 to 2 times as many malformations may be discovered by 5 years of age.

Instead of the average rate of congenital malformations in the 24 cities studied being one in about eighty, the real total might be one in about forty or fifty.

Also, it must be noted that what other nations classify as "congenital malformations" does not necessarily include everything which are called "birth defects" in the United States. Generally speaking, a U. S. birth defect may be defined as a structural or metabolic disorder present at birth, whether genetically determined or a result of environmental influence during embryonic or fetal life. However, the international classification does not include all abnormal conditions of known congenital origin.

This fact alone, therefore, may account for some of the gross differences between the rate of birth defects in the United States and "congenital malformations" in other areas around the world. The congenital malformations refer essentially to noticeable structural conditions present at birth.

Scientific research has revealed several important causes for birth defects.

The four major and direct causes of birth defects are: 1) DRUGS, including overdoses of synthetic vitamins, 2) VIRUSES, such as rubella which causes German measles, 3) RADIATION, such as X-ray treatment, and 4) faulty DIET.

Of these four causes, at least THREE are directly due to MAN'S tampering with nature, and interfering with the natural processes of the human body!

This fact is *staggering* — but needs to be thoroughly UNDERSTOOD!

Says an article in *Science Teacher* (January, 1968), "Drugs such as 'peppills,' tranquilizers, sleeping pills, reducing pills, pain killers, LSD — *even aspirin and vitamins* — are under suspicion of having a disastrous effect on the fetus."

Many pregnant women seemingly are oblivious to the dangers of DRUGS

## U.S. 15th in PREVENTION OF INFANT DEATHS

PER 1,000 LIVE BIRTHS TO AGE ONE

Country	Rate
1. SWEDEN	12.6
2. FINLAND	14.4
3. NETHERLANDS	14.7
4. ICELAND	15.0
5. NORWAY (1965)	16.8
6. DENMARK	16.9
7. SWITZERLAND	17.2
8. NEW ZEALAND	17.7
9. AUSTRALIA	18.2
10. JAPAN	19.3
11. UNITED KINGDOM	19.6
12. FRANCE	21.8
13. CANADA	23.1
14. EAST GERMANY	23.2
15. UNITED STATES	23.4

Source: World Health Organization and Statistical Office of the United Nations, 1966 data (latest available).

The infant mortality rate is widely regarded as one of the best indicators of a nation's health. In 1950, the United States ranked sixth among the advanced nations in prevention of infant deaths. By 1966, other nations had improved infant survival so much more rapidly and effectively that the U.S. had been pushed to 15th place. (Above chart excludes Taiwan with death rate of only 20.2.)

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on their unborn babies. A Texas team of researchers carefully observed 240 pregnant women from their first visit to a doctor until delivery or termination of pregnancy. They discovered the majority were exposed to one or more possible defect-causing agents, most of them exposures to *drugs*.

Of the babies born, nine had serious defects, and 17 had minor defects.

Parents are warned in an article in *Good Housekeeping*: "Environmental causes of birth defects include virus infections, X-rays and drugs which may

affect development of the embryo" (October, 1967).

Numerous geneticists have come to believe that the multiple thousands of *chemicals* which have become part and parcel of our modern industrialized urban way of life, and part of our agriculture, may be causing damage to genes and to babies — more damage than atomic radiation or nuclear fallout!

Dr. Widukind Lenz, a West German geneticist on the staff of Hamburg University, said, "Formerly, many human



biologists, taking a normal uterine environment for granted, used to attribute almost every malformation to heredity." Dr. Lenz asserted there is a need for a CHANGE IN THINKING, because "the chemical environment of man has greatly changed in recent decades due to the introduction of many chemicals."

What effect do all these new chemicals have on mankind — especially the chemicals in the air pollution, in our water and food supplies, pesticides, food additives, etc.? Said Dr. Lenz, "Almost nothing is known of the role of chemicals in the production of human malformations" (*Today's Health Guide*, AMA, pp. 481-482).

However, growing evidence indicates many chemicals DO have a serious effect. Said an article in *Today's Health*, "Not long ago, it was comfortably assumed that the mother's placenta . . . formed a barrier effective in protecting the fetus from the passage of drugs and other agents from the maternal circulation to the circulatory system of the unborn child. It is now recognized, however, than MANY substances CAN and DO filter through the placenta" (Aug. 1966, p. 62, "Tracking Down the Cause of Birth Defects").

Among the suspect chemicals are drugs, narcotics, food additives, cosmetics, pesticides and many of the pollutants in our air and water.

Scientists have compiled a LONG LIST of suspects — potentially causative agents for birth defects. Among the list are such offenders as — the artificial sweetener cyclamate, 8,000 tons of which are consumed yearly by Americans in soft drinks, candies, and other food items; drugs, such as LSD, amphetamines, or even many "medically approved" drugs; fungicides and pesticides; or even caffeine . . .

Geneticists believe these chemicals flooding our environment may cause either breaks or mutations in the hereditary fabric of life — the genes and chromosomes.

Highlighting the new concern, Dr. Marvin Legator, chief of the FDA's cell biology branch, declared, "We know the dangers of radiation and worry about overexposure, but many

drugs do the same kind of damage, and yet with drugs we have a void of information."

Warned Dr. Virginia Apgar, director of research for the National Foundation March of Dimes, "I don't wish to sound like an alarmist, but the number of new drugs is increasing today at a rate unimaginable a generation ago." She added, "Respected researchers believe that a number of these drugs might cause birth defects. The list of these suspect drugs is long" (*Wall Street Journal*, Mar. 6, 1968).

Another problem concerns drugs used to numb the labor pains of millions of mothers. Said Professor Arnold Beckett, head of the Department of Pharmacy at Chelsea College of Technology in London, infants are being "slugged" at birth with a higher concentration of narcotics than you would dream of giving a child of ten or twelve. He revealed that tests showed newborn babies had more of the pain-killing drug pethidine than the mothers for whom it was intended. Breathing difficulties resulted in some babies. Dangerous side effects can be measured only with each passing year.

### There Is No Safe Drug

A Harvard biochemist declared that any drug a pregnant woman takes will, in some way, affect her baby, often within seconds. Said Dr. C. A. Villee, "The drugs may differ in how long it takes them to affect the unborn child. But they all get through sooner or later, mostly sooner."

He warned, "Women often take drugs before they realize they are pregnant, and early pregnancy is *most dangerous* in the sense that the fetus is most vulnerable then." He added that most malformations of the child have their origin in the first three months of pregnancy (*Los Angeles Times*, Feb. 1, 1968).

Doctors know that the concept of an absolutely safe drug is a myth — but a myth too many people seem to believe in!

Even drugs tested on animals and which appeared "safe" can be DEADLY to unborn babies! An example would

be the drug thalidomide which did not cause malformation of fetuses of experimental animals. But it certainly affected humans!

A survey at Jessop Hospital for Women revealed that doctors who treat expectant mothers with drugs of the cortisone family may run a GRAVE RISK of killing the babies. Previously this was not considered a serious threat.

Animal experiments have uncovered the fact that even such an "innocent" drug as aspirin may, in certain instances, be dangerous. Among the drugs doctors are taking a suspicious look at are the salicylates (found in aspirin), insulin, penicillin, streptomycin, adrenaline and various hormonal compounds!

Said Dr. Virginia Apgar, an authority on birth defects, "There are approximately a DOZEN DRUGS SUSPECTED of contributing to abnormalities in the newborn and they include certain tranquilizers and common household headache remedies" (*New York Times*, Dec. 4, 1967).

Vividly pointing up the tragedy which can occur from drugs taken by pregnant women is the fact that babies of women who have had LSD, who have smoked marijuana, taken heroin or other drugs sometimes are born HOOKED ON DRUGS. The condition of the infants, called "neonatal addiction," in many ways is similar to adult drug addiction.

Doctors have also found evidence that LSD causes chromosome breakdowns in the fetuses of pregnant women. One doctor found four highly abnormal fetuses conceived by LSD users. The babies had serious brain and skull deficiencies.

Dr. Cecil B. Jacobson, a George Washington University geneticist, and his associates studied 75 female LSD users. He found moderate to severe flaws in the chromosomes of at least 50 percent.

Studying the fetuses of these women, they found 22 normal births, 35 abortions, 14 of which were intact enough for study. Of the 14, four had "exencephaly," a deadly brain and skull defect, which, in the past, usually



shows up in less than one half of one percent of babies.

Drugs are risky business!

### Danger of Radiation

Another cause of congenital deformities is exposure to radiation, such as X-ray dosage.

Dr. Karl Z. Morgan, one of the pioneers in radiation research, warned that studies in animals have proved X-ray exposure of the fetus can produce birth defects such as crippling, impaired vision and mental retardation. Extreme doses can be FATAL!

He cited studies indicating the number of deaths from leukemia and other cancers is around 40 percent higher among children whose mothers had diagnostic X-ray treatments when they were pregnant.

Another researcher, H. Bentley Glass, a geneticist for Johns Hopkins University, reports that among the harmful mutations caused by radiations are mongoloid idiocy and sexual maldevelopment.

"At present one cannot say," declared this geneticist, "how many mongoloid idiots and sexual aberrant types have been produced by radiation." Any amount of ionizing radiation, he warned, increases the risk of harmful mutations.

### Other Serious Causes

Viruses, such as the rubella virus which causes German measles, have been proved to be undeniably dangerous to unborn babies.

Some cases of birth defects seem to have been traced to polio vaccines given to expectant mothers. Several doctors have warned women of child-bearing age not to be vaccinated against smallpox while they are pregnant because maternal vaccination can *kill* the unborn child. This advice was given by three doctors at Queen's College, University of St. Andrew's in Dundee, Scotland.

Now add to these causes the MAN-INDUCED defects at childbirth. For instance, among the serious causes of mental retardation is physical injury to the brain. More than 126,000 children born each year in the United States

will never rise to an intellectual level higher than that of a 12-year-old. *Why?*

Officials of many training centers for the retarded acknowledge that IMPATIENT DOCTORS and a TOO CASUAL ATTITUDE among expectant mothers accounts for fully 95 percent of mental deficiency. These are the doctors who rush for the forceps to hasten the delivery of babies.

Said Superintendent Tom Hoeflok of the Chrisolme Society, "It is well established that 95 percent of mental retardation is the result of *birth injuries* or *ante-natal accident* or *neglect*."

### Importance of Nutrition

Proper nutrition is the single most important factor in preventing birth defects! *Improper diet* can jeopardize the health of unborn children.

Too many women are simply too casual in their attitudes toward childbirth and pregnancy. Proper diet is VITAL to an expectant mother if she wants to prevent birth deformities in her children! Dr. Marjorie Nelson at the University of California has shown in the laboratory that a temporary deficiency of folic acid during early pregnancy, for example, can cause birth abnormalities in young animals.

Women should PLAN for pregnancy at least six months in advance, both physically and psychologically. The well-being of the offspring depends largely upon the health and mental attitude of the parents.

Says Dr. Coda Martin, "The scientific evidence is overwhelming that inadequate nutrition before and during pregnancy is one of the three principal causes of abnormalities in infants, the others being genetic defects and prenatal injuries. Conversely, the same evidence indicates that there is a strong relationship between good parental nutrition and healthy offspring" (*A Matter of Life*, p. 36).

Good nutrition before and during pregnancy gives the baby a sound launching pad, as it were — gets him or her off to a STRONG START in life! Unfortunately, American surveys have shown that most women enter pregnancy with nutritional deficiencies. Dr. Robert W. Hillman of the State University of

New York has estimated that perhaps three fourths of the teen-age female population may be as much as TWO-THIRDS deficient in thiamin, riboflavin, calcium, iron or other essential factors. This is serious because HALF of the marriages in the United States involve brides under 20.

The *British Medical Journal*, commenting on the fact that certain birth defects were seasonal, declared that "the most obvious explanation" was that seasonal nutritional deficiencies were responsible.

Writes Dr. Martin, "An increasing amount of experimental evidence indicates that many fetal, or congenital, defects may result from dietary deficiencies in the mother during pregnancy, rather than from heredity. There is also evidence that FULL NUTRITION during pregnancy can modify the effects of a genetic defect, and it now appears that heredity and environment work as close partners in determining the presence and degree of fetal malformations.

"With the incidence of congenital deformities of all types — physical, mental or chemical — in the United States now 2.5 percent of all live births, or 250,000 each year, no thinking parents can afford to ignore such evidence" (*ibid.*, p. 47).

Even mental retardation is associated with poor parental nutrition. A British authority on mental disease, Dr. Julius Steinfeld, flatly declared that schizophrenia originates in underfeeding during the first few weeks of life in the uterus!

Some doctors suspect that many of the degenerative diseases such as heart ailments may originate in constitutional inadequacies at birth!

A study at Harvard's School of Public Health showed that 95 percent of the deliveries of babies of women with good-to-excellent nutrition were without complications; among women with poor-to-very-poor diets, the results were almost the exact opposite (*ibid.*, p. 49).

### Love in the Home

Another very interesting factor in having healthy babies is the love and



harmony in the home. Emotional harmony and peace in the home (and therefore in the mother) may very definitely be important in the child's developing nervous system. Emotional stress in pregnant women disturbs the chemical and hormonal balance in the body. This imbalance may be transmitted to the fetus where it can interfere with its utilization of essential nutrients, causing the child to have a faulty nervous system. On the other hand, a home environment of love and harmony, where the mother's body chemistry remains normal, leads toward having a normal, stable, emotionally balanced baby.

If you are planning children, be CAREFUL to obtain a diet adequate in all nutritional aspects. Too many parents-to-be neglect to include enough properly prepared vegetables and fruits, fresh whole milk, or foods rich in complete proteins and other nutrients. The health you affect will be MORE than your own. Your offspring's health will be directly affected, and the health of future generations as well!

Maintain a happy, tranquil, peaceful, BALANCED HOME LIFE.

All of these are important factors to bear in mind when considering having a child.

Another consideration for expectant mothers to keep in mind is the danger in high altitudes of a lack of oxygen. A Denver physician has warned women to stay below the altitude of 10,000 feet during the final three months of pregnancy, lest skeletal deformities, lack of teeth and hair, brain impairment or even death result for the child.

### The Only Solution

If YOU are interested in doing your BEST to have a healthy, vigorous, alert and NORMAL CHILD, then you need to write for our free literature, *The Seven Laws of Radiant Health*. This reprint article shows what YOU can do to help insure that YOUR children will be normal and healthy!

When men forsake the vitally important laws regulating our health, when they tamper with diet, indulge in drugs, imbibe useless chemicals and dangerous pesticides, they reap the PENALTY!

The only true solution to the modern

curse of birth defects is to begin obeying the laws which God ordained for our health, well-being, and abundant good! When we break those laws, they snap back on us and break us and our children, and our children's children!

### The Curse of the Womb

You may not believe it, but the Creator God said to our forefathers, centuries ago, that if our peoples would obey Him, we would be healthy and prosperous. "Blessed shall be the fruit of thy body, and the fruit of thy ground . . ." (Deut. 28:4).

But, if we turned from the laws that would keep us happy and healthy, God said: "But it shall come to pass, if thou wilt *not* hearken unto the voice of the LORD thy God, to observe to DO all his commandments and his statutes which I command thee this day; that all these CURSES shall come upon thee, and overtake thee: Cursed shalt thou be in the city, and cursed shalt thou be in the field. Cursed shall be thy basket and thy store. CURSED SHALL BE THE FRUIT OF THY BODY, and the fruit of thy land, the increase of thy kine [cattle], and the flocks of thy sheep. Cursed shalt thou be when thou comest in, and cursed shalt thou be when thou goest out" (Deut. 28:15-19).

These are plain words, spoken centuries ago. Have they come to pass? Absolutely!

If you begin to live by the laws God set in motion for our own good, then your children will stand a FAR BETTER CHANCE of being normal, healthy, vigorous and alert!

The lives of your children, and their children depend on YOUR decision! What are you going to do about it?

## Personal from the Editor

(Continued from page 1)

do so few AGREE? That brings up the very thing reading these excerpts brought to mind. It is this question.

WHY do you believe what you do?

If I write on this subject I shall have to cover, thoroughly and in depth, the

matter of WHAT a human being really IS. Is he an immortal soul? Is he an animal — merely the highest and most advanced of the animals? Did he evolve by chance happen-so — that is, did he come by the process theorized as evolution, or was he specially created by a supernatural all-powerful Spirit Being called GOD? If I say man was created I shall offend many who have allowed the evolutionary theory to be solidly implanted in their minds. If I say he is NOT an immortal soul I shall offend many professing Christians who believe the doctrine of the immortality of the soul to be the very basis and foundation of the Christian religion.

But HOW — by what process — did YOU come to believe what YOU believe?

WHY do so many different people have so many different ideas about so many different things? Can any two people agree completely on everything — and be completely honest in their beliefs?

Very few ever stop to inquire, in retrospect, how they came to believe the things they believe. Most simply do not realize HOW they came to believe many of their convictions. Yet, if another dares say they are wrong, they take offense — perhaps are willing to bristle up and start a fight!

The theory of evolution stands UNPROVED — in actual fact, DISPROVED — and is, by its very nature, not subject to being proved! Yet millions believe it — actually suppose it to be a proven FACT. They have seen NO PROOF! There is none! Yet they will flare up in heated anger if any dare dispute it.

No one has ever seen an "immortal soul." There is no teaching anywhere in the Bible about an "immortal soul" — quite the contrary! Yet perhaps millions actually believe there is no more firmly established "FACT" — base their life's hopes on it — become angry if any dare deny it! Science supplies no evidence of any "immortal soul." WHY, then, do millions firmly believe that is what they are? WHY?

The plain truth is that very few people know WHY they believe the things they believe, or HOW they came



to believe them! Astonishing? Yes indeed! But TRUE!

MOST of the convictions most people hold have simply been carelessly ASSUMED and TAKEN FOR GRANTED because they have repeatedly *heard*, or *read in print*, what they believe. They have accepted it *without question* — without PROOF — yet if any dare disagree they will rise up in heated indignation.

As an advertising man, I well knew, 57 years ago, the psychological fact that most people *assume to be true* whatever they read in print! To most, IF it appears in print, it must be true. One advertising man, knowing this, wrote a book about advertising techniques, titled *The BIG LIE!*

If it appears in a BOOK, most gullibly accept it as true! And millions — perhaps countless millions — of books have been published in print which are so shot through and through with error and false statements, that readers would be dumbfounded — IF THEY KNEW!

Of all books, probably only one is 100% accurate in disseminating TRUTH, as this one originally was written. That one is the world's "Best Seller" — yet is probably UNDERSTOOD and BELIEVED by fewer than almost any other book. When the TRUTH is finally known and accepted, we shall come to know that mankind would have been better off had MOST of the books never been written. Yet major universities operate on the thesis that it is necessary to stock their libraries with upwards of one million volumes. And a large portion in many cases are never used!

How did YOU come to believe the things you believe?

Consider: The instant you were born you arrived in the world with a MIND capable of absorbing knowledge and utilizing that knowledge in forming opinions and beliefs, arriving at decisions, forming judgments and conclusions, exercising WILL. But you did not come already equipped with a supply of knowledge. You merely had a mind capable of RECEIVING knowledge and utilizing it.

Every bit of knowledge now in your mind — and every belief or opinion or conviction — has entered or been formed in your mind SINCE BIRTH! The question now becomes, then, *HOW* — by WHAT PROCESS — did you receive this knowledge or formulate those beliefs?

Very few have ever stopped to ask themselves this question. Very few realize just HOW they came to believe the things they believe.

There are basically THREE WAYS by which most people acquire their beliefs and convictions.

1) First, by far the greatest number of beliefs and convictions have entered the mind more or less passively — not actively. In other words, people commonly simply take for granted, or carelessly assume — WITHOUT ANY PROOF — that which they have read or heard. Especially if it evidently has common acceptance among their group, their locality, their people or country. Most people are far more discriminating about whom they admit into their homes than they are about what they admit into their minds.

2) The second largest number of beliefs and convictions have come somewhat prejudicially, for the psychological reason that most believe what they WANT to believe, and refuse to believe what they DON'T WANT to believe, whether true or false. Personal opinions often are formulated selfishly and prejudicially according to emotional feelings for or against.

3) The smallest number of beliefs and convictions held by the average person have been arrived at by careful sifting of all the facts, actively seeking full information, insisting on PROOF, and considering the question objectively and without prejudice. But MOST of the beliefs held by most of the people have not been arrived at by this process.

WHY are most people in Italy, Spain, France, Mexico and South America Roman Catholic by religion? WHY are most Arabs of the Middle East Moslem by religion? WHY are so many Orientals, depending on geographical locale, Buddhist, or Hindu, or Shintoist, or Taoist, or Confucionist? WHY, in many

parts of the U. S. are most people Protestant by religion — IF they profess any religion? Simply because those around them are of that belief or faith. It is what they have always heard. It is what MOST of those they know accept. They go along with the crowd.

WHY have most people in the southern states of the United States been Democrats in politics — while up until about the mid-1920s most of the people of New England, Iowa and Kansas were Republican? Because their parents were. Because those around them were. Because they followed the crowd where they lived. Because it was what they customarily heard and read. Because it is what they CARELESSLY ASSUMED and TOOK FOR GRANTED!

WHY do so many people believe that humans are "immortal souls"? Simply because they were taught it. They heard it, read it. Those around them believed it. They ASSUMED it without question.

Now some will rise up and say, "I've PROVED it." Do they really mean they carefully sought out ALL THE EVIDENCE — THE FACTS — weighed them impartially and without prejudice, *before* they first accepted it as a belief? Not at all likely. But some will make a stab at looking for evidence that *can be made to support* their conviction by the process of inductive reasoning, rejecting evidence to the contrary, and then say they have PROVED their belief!

Truly, unless we are vigilant, our minds will play tricks on us.

So, beliefs are accepted, and prejudices are built up.

But, nevertheless, since so many have requested it, I shall try to find time to write, in some depth, on the subject of WHAT MAN IS — with its corollary subject, the difference between human mind and animal brain, and what causes that vast chasm between the two, so that no animal can ever acquire a MIND like that of humans. The one CONDITION is that I cannot be sure how soon it may get written. I do not always have control of matters arising that demand my time and attention. I shall just get to it as soon as I can, and ask our readers to be patient.





# ADVANCE NEWS REPORTS

*Come alive* **TODAY!**

**T**HE WORLD — warned United Nations Secretary-General U Thant on May 9 — has about TEN YEARS LEFT to solve its problems!

It was the most pessimistic assessment of the fate of mankind that U Thant has made in seven and a half years as a world figure. He was speaking before a world development conference at the U. N. headquarters.

"I do not wish to seem overdramatic," said the normally optimistic U Thant, "but I can only conclude from the information that is available to me as Secretary-General that the members of the United Nations have *perhaps 10 years left* in which to subordinate their ancient quarrels and launch a global partnership to curb the *arms race*, to improve the *human environment*, to defuse the *population explosion*, and to supply the required momentum to world development efforts.

"If such a global partnership is not formed within the next decade," he continued somberly before an assembly of bankers, diplomats and professors, "then I very much fear that the problems I have mentioned will have reached such staggering proportions that they will be beyond our capacity to control."

Do we realize the impact of these words? Not more than ten years left!

The Secretary-General candidly admitted that the United Nations' First Development Decade, now nearing an end, has already fallen short of providing living standards "compatible with minimum human dignity" in poor nations. He then reiterated his fears for the next decade:

"While we waste our substance in war and in the increasingly dangerous arms race, *we are neglecting threats to our*

*civilization which should have first priority on our attention . . .* The advancing menace of environmental pollution, the uncontrolled explosion of world population, and the vast and *growing inequality* in living standards between rich and poor nations."

As U Thant looked into the second development decade of the '70's, he was struck by the *magnitude of the changes necessary*. Changes in the aid policies of the rich nations and changes in the development policies of the poor nations.

## The Seething Seventies

The United Nations Association of America predicts that the 1970's may be a "decade of turmoil, revolution, small wars and attempted takeovers."

Furthermore, Dr. Ralph Bunche, U. N. Undersecretary contends that *racial problems* promise very serious trouble for the future of the whole world.

He told Occidental College students near Los Angeles: "I am fearful about the future . . . because race is a major if not dominant factor in international affairs."

He might have added affairs *within* nations as well. At the same time Bunche spoke, authorities in the Southeast Asian nation of Malaysia were cleaning up after a tragic bloodbath which erupted between Malay and Chinese factions.

The riots in Malaysia's capital of Kuala Lumpur left hundreds dead or injured. Houses, businesses and automobiles were set afire as mobs, seething with racial animosity on both sides, ran amok.

The riots may have permanently shattered Malaysia's efforts to weld together a harmonious multiracial society.

## The Only Hope

World leaders — even the optimistic ones — are deeply concerned over the state of the world. A world government is drastically needed. But how? What kind of government? The League of Nations failed. The United Nations is following in its wake.

Nations refuse to relinquish sovereignty to a world body of their own creation. Moreover, a powerful world government in the hands of man, admit many, would be a nightmare — "a police state on a colossal scale" editorialized the *Wall Street Journal*.

But a just, fair world-ruling government must come — and *it is coming* — the Government of the Supreme, All-wise God! And this government, headed by the returning Jesus Christ, will come just before all the world ills which U Thant listed come crashing down around mankind (Matt. 24:21-22, Rev. 11:15).

Our booklet, *The Wonderful World Tomorrow — What It Will Be Like*, explains in exciting detail all about this coming government, the only hope for the world now.

\* \* \* \* \*

## A-Bombs for Israel?

The *Montreal Gazette* dropped a "bomb" on May 8. It reported that Israel has built five 20-kiloton atomic bombs and has nearly completed work on a sixth.

The paper's correspondent, Peter Lust, claimed the bombs' existence was uncovered by a group of West German journalists.

Israeli government officials were quick to deny the newsmen's claims.

It is well known, however, that the Israelis have constructed a nuclear





Israeli products, including citrus fruits, on display in Stuttgart, West Germany. Unique "Israeli Week" festivities were held May 17-23, 1969.



Feddersen Photos

reactor facility near the settlement of Dimona, in the Negev. It is here, Lust contends, that the Hiroshima-size weapons were assembled and later rushed "to an unknown destination, whose location is Israel's best-kept secret."

Whether or not correspondent Lust's contention is fully informed, nuclear scientists around the world are well aware of Israel's advanced nuclear technology. The tiny nation has the capacity to produce atomic bombs.

\* \* \* \* \*

### Bonn-Tel-Aviv Partnership

Even more remarkable than the "bomb story" is the "special relationship" developing between Israel and West Germany.

West Germany has become Israel's third best trading partner after the U. S. and Britain. Bonn soon may be in second place.

German autos — led by the ubiquitous Volkswagen — outsell those of all other nations in Israel. Overall, imports from West Germany doubled in 1968 over 1967.

Increasing amounts of goods are heading in the opposite direction as well. And Israel was recently granted a 40% tariff cut on citrus exports to the Com-

mon Market. West Germany will take much of the increased volume.

"All this... [is] only a small part of many aspects of West German-Israeli relations in *trade, science, technology, research, education, cultural exchanges, and youth exchanges.*" So reported Edwin Roth in a special dispatch to the *Birmingham (Alabama) News*.

Recently a special "Israel Week" was held in the large West German city of Stuttgart. Israeli flags with their Star of David (which many Germans remember Jews being forced to wear as a badge of shame) flew from flagstaves along Stuttgart's main street.

Many stores were decorated with Israeli flags and erected special displays of Israeli goods. The Stuttgart post office even issued a special commemorative cancellation postmark with the word "Israel" in Hebrew letters, along with a picture of the creator of modern Zionism, Theodor Herzl. Throughout the week, Stuttgart officials scheduled special lectures, exhibitions, and films about Israel.

Concluded reporter Roth: "Israel has now replaced the [former] special relationship with France by a special relationship with West Germany... a

*special relationship as unique in history as what the Germans did to the Jews under Hitler."*

### Six-Day-War Aftermath

The major turning point in Bonn-Tel-Aviv relations was the overwhelming popular support for Israel displayed by the West German public during the Six-Day War of June 1967.

According to Israel's ambassador to Bonn, Asher Ben-Natan, "During that great crisis, when we stood alone, our embassy was flooded with messages of support and with donations for Israel from towns, from organizations and from ordinary people. All the daily newspapers, all magazines, television and radio were enormously sympathetic towards us — not just after the war, when we had won, but before. Of course all this was very much appreciated in Israel."

Additional credit for the new "special relationship" can be given to Rolf Pauls, Bonn's first ambassador to Israel. Demonstrations greeted his arrival in Israel in 1965. Today Pauls is West German Ambassador to the United States — testimony to the success he quickly achieved in Tel Aviv.

### EEC Tie Asked

Israel has made it clear on numerous occasions that it desires associate membership within Europe's Common Market.

Its position is viewed favorably by many influential Europeans. The Dutch Government recently circulated a memorandum among its European Community partners. It urged the establishment of an *industrial customs union* or *free trade area* between the Common Market and Israel.

The Dutch paper reportedly was *strongly supported by Germany*, and welcomed by all the other delegations except France. This occurred before the exit of French President de Gaulle. De Gaulle's anti-Israel sentiment is not shared by the majority of Frenchmen.

Watch for further strengthening of economic — and later, military — ties between the state of Israel and West Germany and her Common Market partners.



# IN THIS ISSUE:

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## ★ AND NOW — A NEW EUROPE AFTER DE GAULLE

Europe will never be the same again. De Gaulle's charismatic influence over France and the world is gone. Who will fill the void in France and Europe now that France's father-figure is no longer at the helm? See page 2.

## ★ JAPAN SPEAKS OUT TO THE WEST

The old view of the Orient — a land of hungry little yellow men eating a bowl of rice — is finished. The West has been brought face to face with a new giant — the rising influence of the Far East in world affairs. Here's why Japan speaks out for Asia — and why the West needs to listen! See page 7.

## ★ WHAT'S BEHIND THE PILL-POPPING MANIA?

WHY are young people turning on with drugs? What's behind the modern adult pill-popping mania? How can YOU safeguard YOUR CHILDREN from the dangers of DRUGS? See page 9.

## ★ OCEANS FULL OF EVIDENCE... THAT EVOLUTION IS IN OVER ITS HEAD!

Oceans of evidence inundate evolutionary claims in a rising tide of unanswerable questions! The vast seas of our planet simply CANNOT BE EXPLAINED by empty evolutionary theories! Read, in this article, how evolutionists' guesses have been lost at sea. See page 20.

## ★ WHY DISASTROUS FLOODS HIT NORTHERN U.S.

What caused this spring's widespread floods? Can such destruction be prevented in the future? What lessons were learned — and NOT learned — by this disaster? Read the answers in this on-the-spot report from the major flood areas. See page 29.

## ★ WHAT YOU SHOULD KNOW ABOUT BIRTH DEFECTS

Birth defects are a growing, heartrending problem! Why? Here are practical precautions YOU can take in order to have normal, healthy children! See page 41.

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