

JUNE 8, 1979

# Awake!

## The CATHOLIC CHURCH

*as Italy sees it*

## FEATURE ARTICLES

- 3 WHAT DO YOU EXPECT FROM YOUR RELIGION?
- 4 THE CATHOLIC CHURCH AS ITALY SEES IT
- 8 BIBLE INTEREST GROWS IN ITALY

The election of two Catholic popes in the period of a few months has prompted an analysis of various problems confronting the Church in Italy.

An "Awake!" correspondent in that land reports that a reevaluation of

beliefs by many Italian Catholics has resulted

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## OTHER ITEMS

- 3 WHAT DO YOU EXPECT FROM YOUR RELIGION?
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- 8 BIBLE INTEREST GROWS IN ITALY

**FEATURER ARTICLES**

# What do you expect from your religion?

EVERY person who is religious has some reason for being so. He gets, or hopes to get, from his religion what he feels will benefit him.

Early Christianity offered a thorough understanding of God's Word and a satisfying relationship with God and with his Son, Jesus Christ. By studying the Scriptures they then had, along with the inspired letters of the apostles, Christians found the solutions to their everyday problems. The knowledge of the Bible promoted a fine spirit among them. In association with others of like faith, they had happiness and contentment, because these associates were clean, law-abiding and loving people. Their faith also impelled them to impart to others a knowledge of the truth they had learned.

## A Change in View

Today we find a great change in viewpoint as to what religion should be and do. This current trend was noted in a Copley News Service release, which cited Rawley Myers, a Roman Catholic priest, as saying that the first thing a preacher needs to do in giving a sermon is to get people's attention, and that quoting from the Bible is the wrong way to do it. He remarked: "If a priest starts with a Scripture quotation, often he has already put a lot of people to sleep." It appears that *Bible* teaching is not really desired, for the report continued: "The notion that people go to church looking for help in coping with their mothers-in-law, teen-agers, alcoholic husbands, sickness in the family and other problems is very popular today."

## The Really Desirable Thing

However, does the matter revolve around what the individual or the congregation

desires? Or is it what God knows people need? If we go to the Bible to see what God says, and by so doing get the *spirit* of the Bible, it will enable us to cope with the problems of relationships with marriage mates, mothers-in-law and children, and with other family and personal problems. And we can count on God's help through prayer, as the Bible promises: "Do not be anxious over anything, but in everything by prayer and supplication along with thanksgiving let your petitions be made known to God; and the peace of God that excels all thought will guard your hearts and your mental powers by means of Christ Jesus."—Phil. 4:6, 7.

Three very vital questions therefore present themselves: Do I want a religion based on the Bible, or a social, philosophic religion? And, if I choose a Bible religion, which one of these really follows the Bible? Which religion satisfies, both in helping people with the many problems we face in this modern world and in giving us spiritual benefit?

## Making an Examination

If you are a member of a religious group and you wish to be sure of the right religion, you will naturally look at your own religion first. You will want to know, primarily, these three things: (1) Does my religion help me to get an understanding of the Bible? Does it provide regular *Bible* study, with teachers qualified by study, knowledge and personal faith in the Word of God? (2) Have the doctrines made significant changes in the personalities and ways of its members, so that they are living genuine Christian lives, and do true love and unity prevail among them? (3) Does my church 'keep itself unspotted from the world,' not contaminated by its

low level of morality, its politics, its selfish strife, as the Christian writer James describes the qualities of true religion at James 1:27?

Many persons in this time of unrest are taking a second look at their religion. Whether you are young or old, it is the appropriate time to do so. If you feel uneasy about your religion, first sit down and do some Bible reading, if possible with your wife or husband and other members of your family. Using a Bible concordance or dictionary, check to see if the teachings of your church are in line with the Bible. Then consider whether your religion is bearing good fruitage. Do the members express "love, joy, peace, long-suffering, kindness, goodness, faith, mildness, self-control"? (Gal. 5:22, 23) Is there the motivation to teach Bible truths to others?

Does your religion keep itself 'unspotted from the world'?

If you find your religion wanting in some of these respects, look for those Christians who are exerting themselves to help others understand the Bible—who are willing to conduct a Bible study or discussion with you. See whether they do this in genuine love, not out of any commercial or selfish motive, but in the peaceable spirit of God's Word. See whether they follow the pattern of Christ's early disciples. Associate with those Christians who, in line with the Bible's counsel, are 'considering one another to incite to love and fine works.'—Heb. 10:24, 25.

If you do this, you may be sure that God will help you to get what you need from religion and, moreover, what truly satisfies your heart.—Matt. 6:33, 34.

## The CATHOLIC CHURCH as Italy sees it

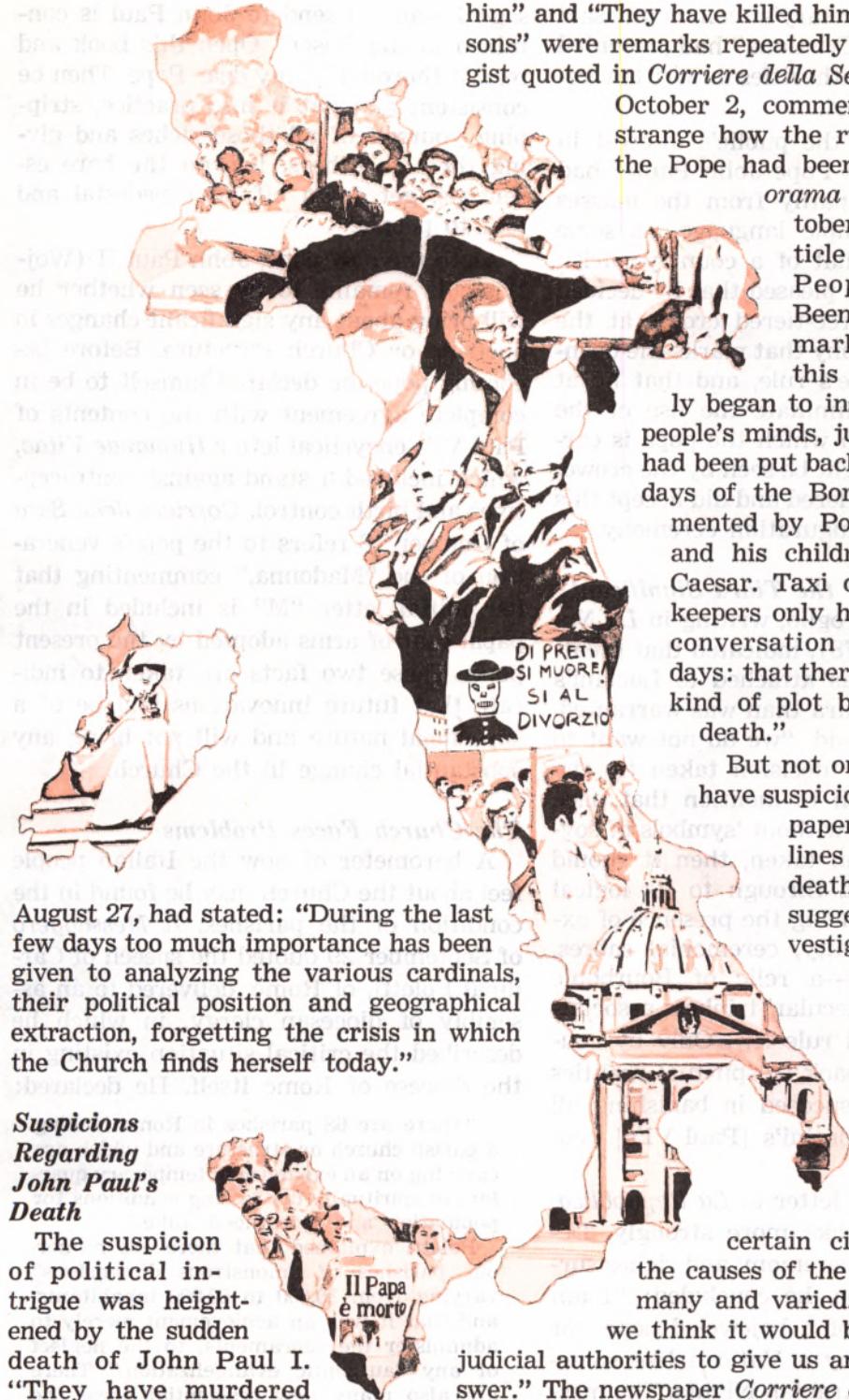
RECENT developments at the Vatican have caused a stir throughout the Catholic world. Priests and others closely connected with the hierarchy of the Church have been greatly shaken. What about the Italian people?

Italian Catholics were grieved by the death of Pope John Paul I (Luciani). Radio and television coverage of matters relative to his death on September 28, 1978, was exceptional. However, comments by the people seem to reveal that, in general, they are more interested in the nonreligious side of the news.

Many Italians complained about the cancellation of films and other favorite programs in order to make way for the almost constant news bulletins on the funeral, the election conclave, and so forth. With regard to the death of John Paul I, the periodical *L'Espresso*, of October 8, quoted

the director of a national news program as saying: "We certainly would not show a great respect for the public if we continued to bombard them quantitatively and qualitatively as we did at the death of Paul VI."

There was also a feeling that political rather than religious qualifications exercise a major force in papal elections. The press gave wide coverage to the "political maneuverings" behind the election of a successor to John Paul I. The newspaper *Il Messaggero*, in its October 3rd issue, carried a front-page headline asking: "A shepherd of souls like Luciani or a 'politically minded' Pope?" And on October 7th an article about "Benelli's Game" considered the maneuvers of that influential cardinal in the election of a successor to the pope. Even before the election of Luciani, the newspaper *La Nazione*, in its issue of



August 27, had stated: "During the last few days too much importance has been given to analyzing the various cardinals, their political position and geographical extraction, forgetting the crisis in which the Church finds herself today."

#### **Suspicions Regarding John Paul's Death**

The suspicion of political intrigue was heightened by the sudden death of John Paul I. "They have murdered

him" and "They have killed him for political reasons" were remarks repeatedly heard. A sociologist quoted in *Corriere della Sera*, under date of October 2, commented: "It is very strange how the rumor spread that the Pope had been poisoned." *Panorama* magazine of October 10 (in a brief article entitled "Why Do People Say He Has Been Murdered?") remarked:

"At Rome this doubt immediately began to insinuate itself into people's minds, just as if the clock had been put back 500 years to the days of the Borgia intrigues fomented by Pope Alexander VI and his children Lucretia and Caesar. Taxi drivers and shopkeepers only had one subject of conversation in the last few days: that there was surely some kind of plot behind the Pope's death."

But not only did the public have suspicions. Several newspapers carried headlines calling the pope's death a mystery and suggesting that an investigation be conducted. The secretary of "Civiltà Cristiana," a Catholic traditionalist movement, stated: "The rumors, perplexities and doubts about certain circumstances and the causes of the Pope's death are many and varied. For this reason we think it would be proper for the judicial authorities to give us an unequivocal answer." The newspaper *Corriere della Sera*, which

reported the secretary's comment, said also that "Civiltà Cristiana" had presented to the Vatican authorities a written request for an inquest.

One reason for the public's interest in the matter is that Pope John Paul I had gained much sympathy from the masses by his use of simple language, as some said, 'similar to that of a country parish priest.' Many were pleased that he decided to abolish the three-tiered crown at the installation ceremony that marks the opening of a new pope's rule, and that he at first desired to eliminate the use of the portable throne on which the pope is carried so that he might be seen by the crowd, though he reconsidered and did accept this feature of his inauguration ceremony.

#### ***Was Rejection of the Tiara Significant?***

F. Margiotta Broglio, writing in *La Nazione* (Sept. 3, 1978), indicated that greater significance was attached to Luciani's rejection of the tiara than was warranted. "Here," Broglio said, "we do not want to criticize this first decision taken by the Pope, but we wish to mention that once the decision to do without 'symbols of sovereignty' had been taken, then it should have been carried through to its logical conclusion, renouncing the presence of ex-colleagues of royalty, ceremonial sabres, the Toson d'Oro—a relic of Bourbonic rule—and other 'secular' trinkets associated with pontifical rule . . . Only by courageously going back to spiritual realities will the Church succeed in banishing all traces of Pope Montini's [Paul VI's] neotemporalism."

The writer of a letter to *La Repubblica*, a daily paper, spoke more strongly. Decrying the pomp, ceremony and riches surrounding the pope, he concluded: "I am not a worshiper of a bejeweled pope nor am I fascinated by a Vatican like something out of the Arabian Nights. The mes-

sage I want to send to John Paul is contained in the Gospel. Open this book and read it thoroughly, my dear Pope. Then be consistent and put it into practice, stripping yourself of all those riches and giving them to others, live on the bare essentials, get down off your pedestal and talk to people!"

As to the new pope, John Paul II (Wojtyla), it remains to be seen whether he will bring about any significant changes in doctrine or Church structure. Before becoming pope, he declared himself to be in complete agreement with the contents of Paul VI's encyclical letter *Humanae Vitae*, which included a stand against contraceptives and birth control. *Corriere della Sera* of October 18 refers to the pope's veneration of the "Madonna," commenting that her initial letter "M" is included in the papal coat of arms adopted by the present pope. These two facts are taken to indicate that future innovations will be of a superficial nature and will not bring any substantial change in the Church.

#### ***The Church Faces Problems***

A barometer of how the Italian people feel about the Church may be found in the condition of the parishes. *Il Messaggero* of September 29 quoted the speech of Cardinal Poletti, of Rome, delivered to an assembly of diocesan clergy, in which he described the critical situation existing in the diocese of Rome itself. He declared:

"There are 68 parishes in Rome lacking a parish church or structure and which are carrying on an existence in temporary quarters in spiritually distressing conditions for population and priesthood alike."

Poletti explained that there are numerous parishes of "monstrous dimensions" varying from 30,000 to 80,000 inhabitants, and that it was an achievement merely to administer the sacraments, to the neglect of any "authentic evangelization." There are also many new residential areas, he

said, that will house more than 150,000 people when they enter into full operation, but where "it is impossible to arrange for even a temporary place of worship," and that these parts of the city "will be abandoned to themselves, to backslide into popular paganism—what evangelization!"

Other areas are likewise affected. Palermo, for example, is said to need at least 20 new parish churches. "But we are lacking the priests and the material means to establish them," said one spokesman, as reported in *Giornale di Sicilia*. "What can be said about the parish churches?" this journal asks. "They have become like 'petrol stations' where people go only when they need something. None of the ecclesiastical structures run smoothly and some are not working at all. The priests pray less and less . . . Young priests sometimes have wrong ideas about what should be understood as progress, while the other priests remain entrenched behind out-of-date opinions. The result is that contrasts often explode between the two categories, and end up by paralyzing certain Church activities."

### ***Confusion and Disbelief***

All these things have had a deteriorating effect on the priesthood, and this has naturally passed on to the people in the form of skepticism, indifference and even lack of belief and confidence in the Church. As far back as 1976, a priest wrote to the religious periodical *Seminari* decrying the fact that "some young priests talk about the Church, the Pope and the Bishops in a way that I am sure even the Church's most deadly enemies do not, yet they are priests!"

So there is confusion among the Catholic laity of Italy. The changes, such as the abolition of Latin from the Mass and of the command not to eat meat on Fridays, have caused upset among some, while others consider the changes as being of minor

importance. These latter ones desire to see more sweeping changes made—changes of a nature that have to do with the everyday lives of people.

That respect for the clergy is diminishing is revealed in a survey published in the book entitled "Enquiry into Vocations for the Ministry," by Giuseppe Bove, which analyzes the critical remarks often made about priests. Of the people interviewed, 69 percent said that the priests are not consistent; they are lovers of money (52 percent); they are too aloof from ordinary people (33 percent); they do not understand this modern world (30 percent); they are not faithful to their vows of celibacy (25 percent); they are mixed up with politics (23 percent); they are useless (21 percent); they are not up-to-date (15 percent of those interviewed).

What, then, does the future hold for the Catholic Church in Italy? Only time will tell. But it is certain that Christ the Judge will bring into judgment all institutions, as well as all individuals, claiming to exercise faith in him and to follow him as God's appointed King and High Priest. If their doctrines and Church structure do not measure up to the requirements of Christianity as set forth in God's Word, any blessing from him will be impossible to obtain. Such institutions or individuals, therefore, cannot stand.—1 Pet. 4:17, 18; Heb. 4:12; compare Nahum 1:6.

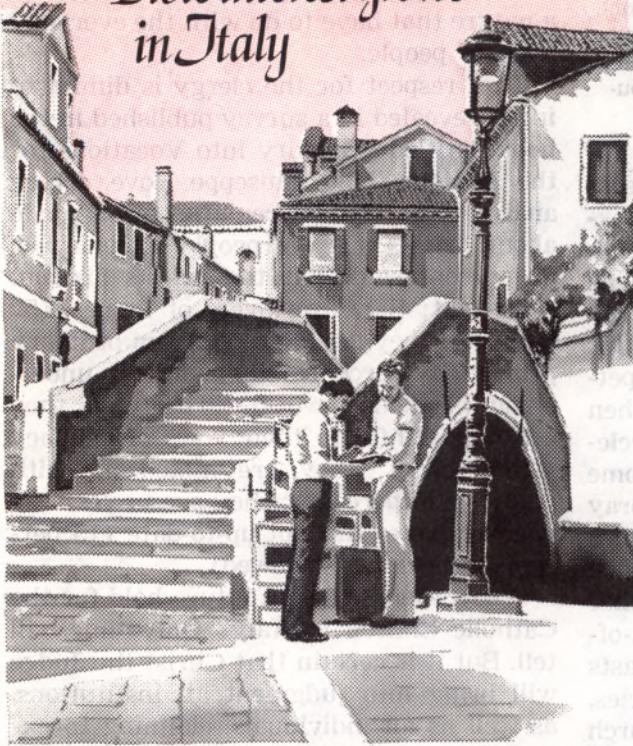
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## ***In Future Issues***

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- A Scientific Basis for Water Dowsing?
  - Learn Another Language!
  - Life After Death  
—A Sure Hope
-

## Bible interest grows in Italy



MANY sincere people in Italy are searching God's Word for the answers to the problems of life. They are happy at finding these answers and are becoming servants of God and proclaimers of the good news of his Messianic kingdom. Some typical true-life experiences show the strong desire that they have for learning more about God, and the obstacles that they overcome in doing so.

Often either to see or read the Bible is a new thing for many, even though they are nominal Christians. This was the situation in the case of one sincere person. He says:

"I was a Catholic, though I was not very diligent in attending church. However, when I did go to church I did it with a certain conviction and seriousness. But more and more I developed a feeling of emptiness in my heart and earnestly desired to be a more worthy worshiper of God. I had no knowledge of the Bible; so I began to think about reading it. Since I have a brother who is a Catholic priest, I asked him to get me a Bible. He made a gift of a copy to me, saying, 'Read it

and then we can have a talk.' As I began to read I soon noticed the contrast between the Bible's teachings and those of the Church. In the meantime, a friend spoke about some witnesses of Jehovah he had met at Turin. So I located them and arranged to have a Bible study with them. My brother did all he could to discourage me, and although he had success for a time, I soon resumed my study, making progress, and in 1974 I was baptized. I now have joy in living and do not have that feeling of emptiness that I had when I was in ignorance of God's Word."

### Knowledge of God's Name

#### Enlightens

One of the features of the "good news" is the making known of God's name, Jehovah. A man from southern Italy relates the effects that this knowledge had on him, saying:

"I had my first contact with Jehovah's Witnesses many years ago. At the time I was a fervent Catholic and the very thought of missing Mass on Sunday was an unthinkable sin. For this reason I did not want to listen to the Witnesses when they came to my door. However, I finally agreed to a Bible discussion. One of the first things I learned was the name of our God —Jehovah. What struck me most was the number of times the Holy Scriptures mention this name of God, and that Jesus himself (in the model prayer he left for his disciples) placed the sanctification of this name in the forefront. Soon I saw that many of the teachings I had believed were unscriptural, being only traditions invented by

men. So I made the necessary changes in my life. I resigned from the Church, left the various parish sporting clubs and made other changes. Later, my wife and I were baptized in water as servants of Jehovah and his Son Jesus Christ."

### **Bible's Message of Life Attracts Many**

The desire for everlasting life as held forth in the Bible is a motivation for many people to look into God's Word of truth. From Tuscany a man writes:

"My life used to be the same as that of so many Catholics. I believed in the existence of God and followed the traditional teachings of the Church. One day two of Jehovah's Witnesses came to my door and I was particularly struck by one of their questions, 'Would you like to see your children get married and your grandchildren and great-grandchildren grow up to be adults?' You can imagine that I was interested in this proposal, when you consider that I am the father of 13 children. Furthermore, as caretaker of the local cemetery, I had spent most of my life surrounded by the dead. Therefore, the eternal life spoken of in the Bible seemed impossible to me, in spite of my religion. I accepted a Bible study right then and there. Soon members of my family began opposing me. The local priests also did their share to create trouble and there were other difficulties, like being threatened with the loss of my job. However, I persevered and this has brought good fruits. My wife is now interested in the 'good news' and my family is closely united. My children have a regular family Bible study to build up their faith and I thank Jehovah for having helped me to find peace of mind, a correct relationship with him and a solid hope for the future."

### **Elderly Concerned About Serving God**

The "good news" as proclaimed in Italy by Jehovah's Witnesses is drawing per-

sons of all ages, even "senior citizens" who, logically, are thinking very seriously about life and desire a hope for the future. A lady 60 years of age tells her experience, saying:

"From the age of 10 onward, that is to say, for 50 years, I had attended Mass and taken Communion every morning. My eldest daughter, who was also a devoted Catholic, had spoken with Jehovah's Witnesses. Due to questions that arose, we felt the need of clarifying certain doctrinal points with a qualified priest. I was extremely surprised when the theologian we consulted explicitly declared that neither limbo nor purgatory exists. I felt as though everything I had believed in had collapsed around me. I realized that the things I had been doing for a lifetime may have been all in vain—for example, all the prayers and Masses said for the dead. In a further conversation we asked for an explanation of the Trinity, and my daughter asked: 'If Jesus Christ were God, why did Satan try to tempt him if he knew he was God himself? Didn't he realize that it would be useless?' The priest's reply was quite unacceptable. He said: 'Satan did not know that Jesus was God.' From then on we decided to engage in conversations with Jehovah's Witnesses, using only the Bible as a basis. Soon six other members of the family and I accepted the truth and now I am baptized, a true worshiper of Jehovah God, happy to serve him in accordance with the truth of his Word."

### **Is It Proper to Change One's Religion?**

Can a person who has gone so far as to enter into a religious order change his religion with God's approval? A former Catholic monk tells his story, stating:

"The day of my 35th birthday was a very memorable one for me because it coincided with the day I decided to leave the monastery where I had been living for many years. Why did I make this de-

cision? As a result of the disillusionments I had experienced. The cold atmosphere that permeated the environment, the use of formal language when addressing our superiors, the regular seclusion for meditation and penance, the vows of poverty and obedience carried to extreme lengths to mortify us—all these things made that life a very unhappy one. Another reason for my dissatisfaction was my conviction that the Bible was the Word of God. Yet I could not understand it. I asked my superiors questions, but I used to get the answer, 'You cannot understand these things.' After all those years I finally decided to leave. The abbot gave me the dispensation from my vows, saying with rage, 'Take your passport to Hell!'

"After this I found a job in the city and a room in a private house. One evening, arriving home late, I passed by to say good-night to my landlady and was invited in to take part in a conversation that she was having with two men. I saw that they were studying the Bible. 'Oh, good gracious!' I mistakenly thought, 'I have taken a room with Protestants!' However, I accepted the invitation. Afterward, I decided to accept a Bible study in my own quarters. I started to reexamine my religion very carefully, but this merely confirmed what I already knew. Moreover, the Church was empty and cold. I then attended a meeting at a Kingdom Hall of Jehovah's Witnesses. What a difference! Everyone spoke to everyone else, they all knew each other well, and valuable instruction was imparted. I soon had the

courage to miss Mass on Sunday for the first time. Later I attended a district assembly of Jehovah's Witnesses. I looked around very carefully, to see whether other congregations had the same faith and spirit, and I was won over when I saw the identical spirit, faith and brotherly love among all attending. Finally I was baptized exactly one year after my leaving the monastery."

As the apostle Paul wrote: "The word of God is alive and exerts power and is sharper than any two-edged sword and pierces even to the dividing of soul and spirit, and of joints and their marrow, and is able to discern thoughts and intentions of the heart." (Heb. 4:12) It can transform lives. Its truth is enlightening to the mind and heart, giving a purpose in life and a hope for the future. Those who sincerely study it develop a love for their fellowman. This love is often the first thing that attracts those sincerely searching for God. Jesus pointed out that this would be true when he said: "By this all will know that you are my disciples, if you have love among yourselves."—John 13:35.

Thus the "good news" proclaimed by Jehovah's Witnesses is finding a ready place in the hearts of many Italian people. The 42 congregations of Jehovah's Witnesses now in Rome, as well as the more than 1,200 other congregations in all of Italy, are flourishing and increasing. At the Witnesses' recent conventions in Rome and Milan there was an attendance of more than 111,000! And 2,288 were baptized, to join in spreading the "good news" to many more God-fearing persons here in Italy.

### Heat Wave

**In January, Antarctica's McMurdo Sound base experienced the highest temperature ever recorded there. It reached 9.4 degrees Celsius (49 degrees Fahrenheit), as the south polar region enjoyed one of its warmest summers ever. By contrast, many nations in the northern hemisphere were experiencing one of their bitterest winters.**

# Treat FIRE With Respect!

- Where the greatest danger is
- How to prevent fire disasters
- What to do if a fire breaks out

By "Awake!" correspondent in Japan

**A**S A friend, fire cooks our meals, warms our bodies, provides light in the dark and is a source of energy to carry us long distances. Yes, it does a host of jobs to provide necessities or to make our lives more pleasant. But, on the other hand, it can destroy billions of dollars' worth of property and denude whole forests of their greenery. Every year, in the United States alone, it snuffs out the lives of about 12,000 men, women and children. Fire can be a deadly foe.

Certainly anything with such potential to provide benefits or cause great harm is worthy of consideration so that we may continue to call it our "friend." Whether fire is our friend or foe depends a lot on the way we treat it and our having a basic knowledge of its causes.

Fire is caused naturally by means of lightning. Lava from volcanoes is another source of fire. Whether our early ancestors imitated natural sources or were given divine knowledge of how to produce fire, it has been an integral part of man's life for thousands of years.

Bible records show that the first man and woman were familiar with fire, for, upon their expulsion from the garden of Eden, God posted at the east of the garden "the cherubs and the flaming blade of a sword that was turning itself continually." (Gen. 3:24) Early in man's history Tubal-cain was a forger of tools of copper and iron, a job calling for intense

heat, since it requires more than 2,800 degrees Fahrenheit (c. 1,500 degrees Celsius) to melt iron.—Gen. 4:22.

## What Is Fire?

Although men had been using fire for thousands of years, its true nature was not known until experiments by Antoine Lavoisier and others in the 1700's showed that fire marks a chemical reaction involving oxygen. They proved that oxygen is actually added during the burning process, although others before that had thought that fire resulted from the release of an imaginary substance called "phlogiston." Fire is defined as the heat and light that come from burning substances.

In describing the basic essentials for fire, many now prefer to use a word referring to something that has *four* faces. So they speak of the "fire tetrahedron." In other words, besides the original "fire triangle" of fuel, heat and oxygen, they add the fourth essential of chemical reaction.

It is necessary for us to understand the part each of these plays in producing fire so that we can put it to use in either preventing or extinguishing unwanted fires. For example, to put out a grease fire on the stove, turn off the stove (removing the heat) and cover with a lid (removing the oxygen that feeds the fire). To get a better idea of what causes fire, let's take a look at these four basic elements.

**FUEL:** Given the right circumstances,

most substances will burn or combine with oxygen in combustion, a chemical process that liberates heat. (Remember that fire is the heat and light resulting from combustion.) However, the temperature at which things will burn, called the ignition point or kindling point, varies according to the substance. For example, the kindling point of film, nitrocellulose, is only 279 degrees Fahrenheit (137 degrees Celsius). For wool it is 401 degrees Fahrenheit (205 degrees Celsius) and for newsprint 446 degrees Fahrenheit (230 degrees Celsius).

**HEAT:** Generally, heat is provided from an outside source, such as a match or spark, and then the fire produces enough of its own heat to be self-supporting. If we reduce the temperature of a burning substance below its kindling point, the fire will go out. Even though our breath contains fire-sustaining oxygen, blowing on a burning match carries away the heat faster than it is being produced, and the fire goes out. Sometimes enough heat is generated within substances, such as in a pile of oily rags, to cause them to burst into flames. This is called spontaneous combustion. Certain bacteria in moist hay can cause the temperature to rise rapidly, causing the hay to burn, leading to a loss of valuable feed, and possibly storage facilities and livestock. These sources of heat cannot be ignored when considering fire prevention and safety.

**OXYGEN:** Although there are other chemicals that can combine with fuels to produce heat, oxygen is the most common. The need for oxygen to sustain a fire is shown by the fact that fuels heated in a vacuum will not burn.

**CHEMICAL REACTION:** There are certain conditions under which fuels will not produce a flame, even though fuel, heat and oxygen are present. For example, if the percentage of natural gas in air is not between about 4 percent and 15 percent, no flame will be produced.

The burning process can be illustrated by an examination of the flame of a candle. The wax does not burn directly, but, rather, gas given off by the heated wax travels up the wick and burns. Prove this by blowing out a candle that has been burning for some time. Then pass a lighted match through the trail of smoke rising from the wick. A flame will travel down the smoke to the wick and relight the candle. There are three areas in the flame: (1) the dark inner area of no combustion and (2) an intermediate layer of incomplete combustion, composed of hydrogen and carbon monoxide that gradually work their way to (3) the outside cone of complete combustion.

Keeping in mind the essentials for fire, would it not be a good idea to take a look around your home or place of work to see if you may not be giving destructive fire a place to start?

### **Three Steps to Avoid Catastrophe**

While checking, bear in mind that no two fires are exactly alike. So it is not possible to cover all circumstances. We need to consider some places where fire is most likely to start so as to help all in our families to be conscious of fire safety.

Generally speaking, three steps are necessary to help us avoid the catastrophe of a fire in our home. They are: (1) Practice good housekeeping; (2) develop safe habits; and (3) plan ahead.

### **Checking the Kitchen Area**

The kitchen is the most dangerous place in the house. Here is where most home fires start. The stove and other appliances are especially threatening. So, special care must be taken to keep them in good repair and to use them safely. Good housekeeping is vital. Are there combustible materials above the stove that could catch fire from rising heat or flames? Curtains blown over a stove can suddenly turn the

whole kitchen into the scene of a holocaust.

Good housekeeping includes keeping the stove and surrounding areas grease free. With heat and oxygen already present, grease can provide the fuel for an unwanted fire.

Develop safe habits. Are appliances such as refrigerators, toasters and ovens in good repair? Do you use only fuses of the recommended size?

If a pan of grease catches fire, never try to carry it out of the house or to put it out with water; these actions will only make matters worse. First, turn off the heat. Then try to smother the flame with a lid, being careful not to burn yourself and watching that your clothing does not get too close to the fire. If that does not work and you do not have a fire extinguisher, then sprinkle baking soda over the grease fire.

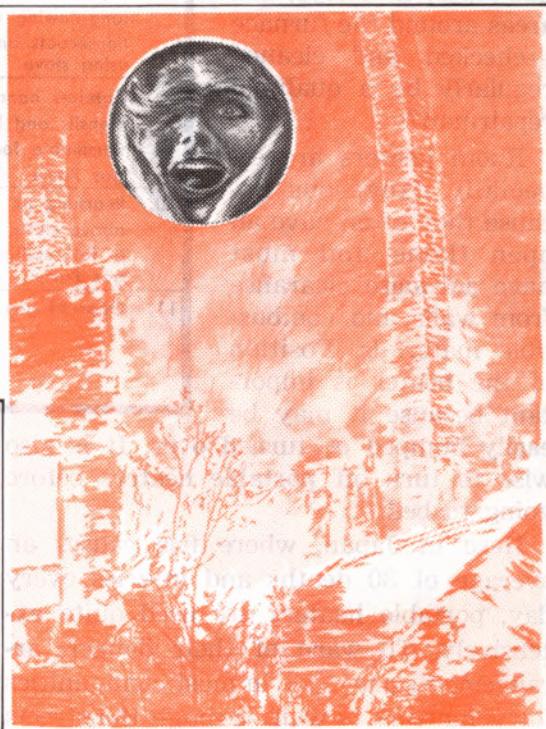
A word of caution: About 20 percent of all fire fatalities involve children under five years of age; so develop safe habits to protect them from fire. Turn all pot handles so they do not stick out beyond the stove where little children could reach them. Do not risk tragedy by storing a cookie jar above the stove. Keep matches and lighters out of the reach of children. Fire is not a plaything and it is never too early to teach children respect for fire.

Since most home fires start in the kitchen, many fire prevention authorities recommend that each household keep within the kitchen area a dry-chemical extin-

guisher. One of a 2½-pound (1-kilogram) capacity will do. It should be a multi-purpose "ABC" type, the kind that is effective on all classes of fires, such as (A) paper, wood, drapes, and so forth; (B) flammable liquids, such as grease, paint, solvents, and so forth; (C) live electrical equipment, such as faulty wires, frayed electrical cords, and so forth.

Each member of the family should be familiar with how to use the extinguisher. The prudent time to read the instructions and to learn how to operate a fire extinguisher is NOT at the moment of a fire emergency.

If a kitchen fire cannot readily be extinguished, everyone in your household should leave the building first. Then, from



a safe location, summon the fire department.

The accompanying chart lists some of the most common causes of fires in the

kitchen, along with the action you can take to prevent or put out a fire.

### **Keeping Other Areas Safe**

In the other areas of the house or apartment, the heater is probably the biggest culprit in starting home fires. Whether you have central or room heat, care must be given to keeping the heater in good repair, and caution must be exercised in its use. Do you have the furnace—also flue pipes, chimneys, and areas around the furnace—checked and cleaned regularly by a qualified repairman?

Room heaters are especially dangerous because they often have an open flame and must have adequate clearance from walls and combustible materials. Position of the heater is important because it may be easily bumped or turned over. It is also wise to turn off portable heaters before going to bed.

Here in Japan, where fire causes an average of 30 deaths and injuries every day, portable heaters are used quite extensively. To warn of their danger, arrangements are made in most communities for volunteers to walk through the streets at a set time each night, ringing a bell or beating wooden sticks. In some areas, firemen drive the fire truck up and down the streets, blowing the siren and making announcements to turn off heaters. No doubt

### **KITCHEN FIRES**

| Fire Causes in Kitchen   | Remedies and Prevention  |
|--|--|
| 1. Burning frying pan  | 1. Smother with pan cover  |
| 2. Grease fire in oven   | 2. Sprinkle baking "soda" (not baking powder) into oven. Keep oven free from grease                            |
| 3. Leaving the house unattended while food is cooking and/or oven is on                            | 3. Shut off oven and gas jets whenever leaving house   |
| 4. Matches and mechanical lighters   | 4. Handle carefully and keep out of reach of children  |
| 5. Children playing with and near stove  | 5. Keep children away from stove   |
| 6. Window curtains blowing near gas flame  | 6. Tie back curtains to avoid flame; better yet, use fiber-glass curtains                                      |
| 7. Flammable liquids for cleaning  | 7. Avoid use near flame or gas pilot light   |
| 8. Improper clothing, such as long-flowing sleeves on housecoats and dresses, while using stove    | 8. Do not cook while wearing such apparel; or, wear fire-resistant material                                    |
| 9. Careless handling of cooking utensils and handles, causing flammable foods to fall on gas flame | 9. While cooking, handle utensils in a careful manner  |
| 10. Reaching up into cabinets above stove, causing items to fall, spilling food onto gas flame     | 10. Procure needed items in such cabinets before beginning to cook   |
| 11. Odor of gas  | 11. Check pilot light and for open gas jet. If these are not the cause, notify fire department and gas company |

a constant community awareness of the dangers of fire helps to reduce the tragic loss due to home fires each year.

In addition to heaters, there are other items in the home that need to be considered. For example, the smoking habit and the careless use of matches cause about 25 percent of all fires of known origin, resulting in 200,000 fires and 1,200 deaths in the United States each year.

Also, a television set generates much heat, and if sufficient ventilation is not provided to disperse the heat, it can accumulate and ignite any nearby combustible material.

tibles. If wires are frayed, give them immediate attention.

If fire does strike and someone's clothing catches fire, do not let the victim run; this only fans the flame and makes it burn faster. Throw the victim to the ground, and roll him in a coat, rug or blanket to smother the fire.

### ***Safe Habits in Storage Areas***

Do you have any storage areas, such as a basement, a garage or a closet in your home? Vapors from paint thinners, gasoline and other flammable liquids in closed areas can be a cause of a dangerous explosion and fire. Are these liquids all stored in closed, metal containers? When using these items, is the area well ventilated?

Rubbish or rags piled up in a storage area can burst into flames by spontaneous combustion. Good housekeeping will remove this danger.

### ***Plan Ahead***

Firemen recommend that each family plan ahead for a family fire escape route.

It is too late once fire strikes. Plan a first route of escape and an alternate route in case the first one is blocked. Then *practice* it so that all are familiar with what they should do. Have a prearranged meeting place outside so that all will know when everyone is out of the house. People have died because they ran back into burning homes to save children who were already safely outside. Once everyone is out, do not return to try to save valuables. This could cost you your life.

For thousands of years, the human family has benefited from the gift of fire. However, it can turn on us as a merciless foe. "Look! How little a fire it takes," declares Bible writer James, "to set so great a woodland on fire!" (Jas. 3:5) It is for our own good and that of our families if we have respect for the potential power in fire and cultivate safe habits in its use. Will fire continue to be your friendly servant, or will it turn on you as a deadly foe? This depends much on how you treat it.

## ***Known for Honesty***

Honesty is a Christian requirement. Appropriately, then, the apostle Paul wrote: "Carry on prayer for us, for we trust we have an honest conscience, as we wish to conduct ourselves honestly in all things." (Heb. 13:18) Such honesty is noted by others and is beneficial, as illustrated by the following experience from France.

A Christian businessman encountered some difficulties because of the current economic crisis. In this regard, he stated:

"As a manufacturer, I sometimes have trouble paying bills at the end of the month due to business difficulties. Thus, at the end of August 1977, I was obliged to ask a dealer to postpone my paying a considerable sum. It was a large foreign firm and was strict about settling bills on time. The financial director turned down my request and asked the local agent to claim the

amount immediately. I had already witnessed to this agent, who told the director that he knew me very well and that I was trustworthy. However, no argument was of any use.

"He then added that I was one of Jehovah's Witnesses. The reply was: 'In that case, it's different! Grant him the postponement he requests.' Since then, the agent has been to see me and has explained the whole thing. He showed me a photocopy of a letter that the director had sent to the firm's headquarters. On the letter was this comment: 'One of Jehovah's Witnesses—Favorable opinion.'"

This Witness settled his debt after the postponement and still has excellent business relations with this firm. Of course, Christians do not follow the course of honesty just to secure some material advantages. But their good reputation for honest words and deeds does not go unnoticed.



By "Awake!" correspondent in France

## France Pioneers Industrial Use of **SOLAR ENERGY**

UP TO the middle of the last century man burned wood to satisfy most of his needs for fuel and power. But with the advent of the industrial era, more and more energy was required to drive the increasing number of machines. So coal began to be utilized on a wide scale. In fact, by 1910 three quarters of mankind's power needs were met by coal.

Around 1859 another type of fossil fuel, mineral oil (petroleum), began to be used. It was to have far more industrial uses than coal ever had. The invention of the internal-combustion engine gave rise to the increased development of motor vehicles of all kinds, such as cars, trucks and aircraft.

Increasing industrial use of coal and oil has played a decisive part in the pollution of the earth. The reason is that these fuels do not burn up completely. They release

into the atmosphere great concentrations of gases—carbon monoxide and nitrogen oxides and sulphur oxides—as well as solid particles.

As in other industrial countries, pollution is on the increase in France. During restoration work on the Louvre in Paris, the stonework was found to have suffered considerably from the corrosive effects of atmospheric pollution. Some blocks of stone had lost seven centimeters (2 $\frac{3}{4}$  inches) of their original thickness. Today corrosion is eating away the masonry at the rate of three millimeters (over 1/10 inch) a year, 100 times as fast as at the beginning of the century!

In recent years nuclear energy has been introduced as a potential replacement for oil. However, its industrial use results in many difficulties. For one thing, there is a risk of radioactive contamination that

could follow an accident. Additionally, there is potential danger to the ecology. It is feared that, as nuclear power stations become more numerous, the rivers and lakes will be ruined by thermal pollution. This is because, in order to cool its apparatus, a nuclear power station draws huge quantities of cold water out of a nearby river or lake. The heated water is then returned to its source. When the temperature of a lake or river is raised, the amount of oxygen in the water is lowered. This not only kills fish but fosters the growth of algae, which also consume oxygen when decaying.

These disturbing facts emphasize the need to find pollution-free sources of energy. The sun itself meets this requirement exactly. Solar energy, although intermittent and diluted, is so generously distributed over the surface of the earth that every square mile of land and sea receives several million kilowatt-hours daily. This type of energy is naturally abundant, which explains why a number of countries, including France, have undertaken to pioneer the industrial use of solar energy.

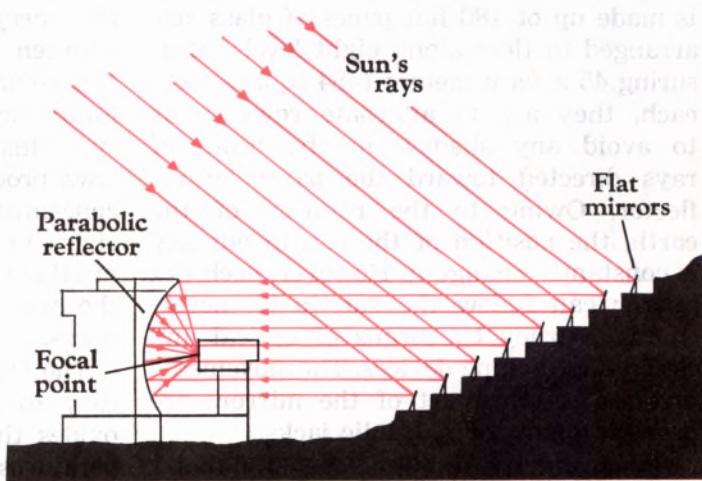
### **Exploiting Solar Energy**

During a visit to Paris in October 1774, the English chemist Joseph Priestley told French chemist Antoine Lavoisier of an experiment during which he had heated mercuric oxide by means of solar radiation concentrated by a powerful lens. Lavoisier did the experiment again and concluded that atmospheric air is a blend mainly of two distinct gases, which he called "vital air" (oxygen) and "non-vital air" (nitrogen). Thus, as far back as the 18th century it was possible to produce high temperatures by utilizing solar radiation.

For decades researchers at the C.N.R.S. or *Centre national de la recherche scientifique* (French National Center for Scientific Research) have been following in Lavoisier's footsteps. In 1946 at Meudon, in the suburbs of Paris, a first solar furnace was set in operation and different experiments were made at high temperatures (3,000 degrees Celsius, or over 5,400 degrees Fahrenheit).

However, as a result of research on simple furnace prototypes from 1949 on at Mont Louis, in the French Pyrenees, the Odeillo solar furnace was eventually developed. After a long period of perfecting and adjusting, it eventually became operational in 1970. Today France has a large solar furnace at Font-Romeu-Odeillo-Via, near Mont Louis, at an altitude of 1,600 meters (5,250 feet). This beautiful mountainous region enjoys exceptional sunshine, which enables the 1,000-kilowatt furnace to reach a temperature of 3,800 degrees Celsius (over 6,800 degrees Fahrenheit).

Various methods can be used to capture solar radiation, such as using panes of glass, which, working on the principle of a greenhouse, can easily generate temperatures approaching 100 degrees Celsius (212 degrees Fahrenheit)—the boiling point of water. This method is used mostly for do-



mestic purposes, such as heating houses and heating and distilling water. If higher temperatures are required, the rays coming directly from the sun have to be concentrated by an appropriate optical device.

The higher the temperature desired on the spot where all the rays converge (the focal point), the stronger the concentration must be. Concentrating tens of thousands of reflections of the same light source onto a small area is no easy task because of the movement of the earth around the sun. The difficulty, however, has been overcome at the Odeillo solar furnace, which superimposes over 20,000 images on the focal point. This remarkable result is the fruit of long research.

### ***The Solar Furnace***

Basically the Odeillo solar furnace consists of three different elements: (1) *flat mirrors*, (2) a large *parabolic reflector* and (3) a tower housing the *focal point*. As indicated on the accompanying diagram, the sun's rays hit dozens of flat mirrors and are thrown back toward the parabolic reflector, which, in turn, focuses the rays onto the focal point facing it in the tower.

The 63 mobile *flat mirrors*, each of which is made up of 180 flat panes of glass, are arranged in tiers along eight levels. Measuring 45 square meters (484 square feet) each, they are in alternate rows so as to avoid any shadow in the beam of rays directed toward the parabolic reflector. Owing to the rotation of the earth, the position of the sun in our sky is constantly changing. However, each flat mirror can follow the sun in its never-ending journey by means of optical and electronic tracking devices. The movements involved on the part of the mirrors are brought about by hydraulic jacks.

Supported by a 40-meter- (130-foot-)

high and 54-meter- (177-foot-) wide concrete structure, the large, immobile *parabolic reflector* consists of 9,500 mirrors, each measuring 45 centimeters (about 18 inches). Each facet in this giant mirror had to be mechanically curved, oriented and adjusted, so that maximum concentration was obtained on the focal point. As already stated, the parabolic reflector receives solar radiation by means of 63 mobile flat mirrors.

All the rays from the parabolic reflector converge on the *focal point*. It is housed in a tower 18 meters (59 feet) away from the reflector. The resulting focal spot is approximately 40 centimeters (almost 16 inches) in diameter. The energy concentrated on this elliptical spot amounts to 1,000 kilowatts. The high concentration makes it possible to reach a temperature of 3,800 degrees Celsius (6,872 degrees Fahrenheit). This spot of high heat intensity is where various experimental devices are set up.

### ***Advantages of the Solar Furnace***

The solar furnace offers significant advantages over other types of furnaces. The following extract from a C.N.R.S. publication emphasizes one of its essential characteristics: "In basic research solar furnaces constitute an exceptional means for carrying out experiments requiring between 1,000 and 3,800 degrees Celsius [approximately 1,800 to 6,800 degrees Fahrenheit] in conditions of extreme purity." This is because the solar furnace allows processing at high temperatures by concentrating the heat rays on the materials to be processed, rather than by melting them down in a crucible, which is often the case with high-frequency electric furnaces.

The Odeillo solar furnace makes it very easy to melt refractory oxides, that is, oxides that melt only at very high temperatures (over 2,000 degrees Celsius or

3,600 degrees Fahrenheit), as well as special metallic alloys, which, too, are refractory.

Solar furnaces are also very convenient to use. They can be put into operation quickly and simply. Furthermore, they do not have such drawbacks as the bombardment of electrons that occurs in certain heating systems requiring that the materials be vacuum processed. Finally—and this is far from being negligible—the thermal energy available at Odeillo is obtained with practically no operating costs.

### ***The Solar Power Station***

A milestone in the field of solar energy was reached on November 19, 1976, when, for the first time ever, a solar-thermodynamic power station supplied electricity to the French national electric power system.

Simply put, this experimental solar power plant works in the following way: The temperature of a thermal fluid called "gilo-therm" is raised to 335 degrees Celsius (635 degrees Fahrenheit) in a boiler placed on the focal point of the Odeillo complex. By means of a storage unit and three ex-changers, this fluid supplies steam at 270 degrees Celsius (518 degrees Fahrenheit). The steam then propels a turbo-alternator, which produces electricity.

Near Marseilles, in the south of France, tests are being made on different types of mirrors. After pioneering in this field, France is considering the setting up of a one-megawatt prototype and aims at a range of 10 megawatts for the year 1980.

### ***Future Applications of Solar Energy***

The French newspaper *Le Monde* emphasized the immense field of application

of solar energy for industrial use in these terms: "Diffuse and cheap, solar energy seems to be quite adapted to the needs of the lesser-developed countries. . . . It appears to be particularly appropriate for pumping water in isolated areas. In Latin America and Africa, the water needs for several villages are now covered by pumping stations using simple and reliable [solar] appliances which can for the most part be made locally, and which progressively become competitive, compared with those that rely, as most do, on Diesel engines."

France has signed solar cooperation agreements with Brazil, Iran, Egypt and Algeria. As noted in the magazine *L'Express*, "For once, the southern countries are at an advantage, for it is there that solar energy can first be applied and improve its competitiveness before conquering the foggy industrialized north."

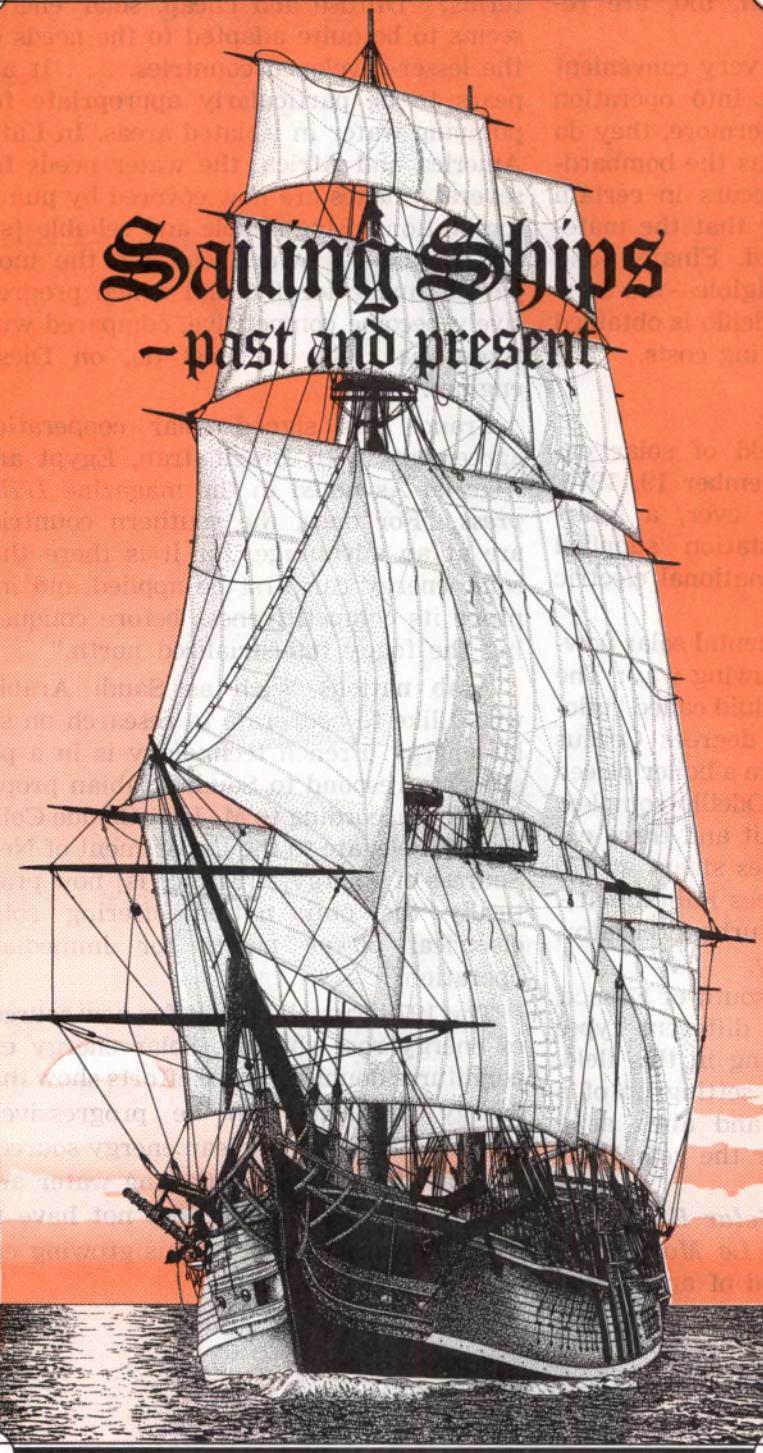
Arab nations, such as Saudi Arabia, would like to cooperate in research on solar energy. French technology is in a position to respond to Saudi Arabian proposals, for, according to M. Jean-Claude Colli, French delegate to the Department of New Sources of Energy, "[France is] now practically the only nation offering solar electrical power plants for immediate operation."

The 1978 French budget for new sources of energy rose sharply. Solar energy expenditures doubled. These efforts show that energy problems can be progressively solved by wise use of clean energy sources, such as the sun, wind, flowing water and ocean tides. Man really does not have to 'ruin the earth' to satisfy his growing energy needs.—Rev. 11:18.



By "Awake!" correspondent  
in Japan

# Sailing Ships —past and present



HAVE you ever had the pleasure of taking a ride on a sailboat, skimming gently over the waves, the salt spray flying? Many persons find nothing more enjoyable.

But sailing has not confined itself to pleasure. For centuries, sailboats have served for fishing, cargo-carrying and other commercial purposes, and as warships. The style of boats and sails has been greatly varied according to the materials available, the body of water to be traversed, the purpose of the vessel and the skill of the boat makers.

## *Sailing Ships of the Past*

The first vessel of which history gives any description is Noah's ark. Present-day artists picture the ark as having a round bottom and sharp bow. The purpose of such design is to reduce friction and increase speed. However, the Bible describes the ark as being of a boxlike design. It did not have

sails, masts or rudder. This was because it was not designed to move through the water, but, rather, to float on the water and carry a maximum load, as it did for five lunar months.—Gen. 7:17, 24.

God gave Noah the ark's specifications, commanding him:

"Make for yourself an ark out of wood of a resinous tree. You will make compartments in the ark, and you must cover it inside and outside with tar. And this is how you will make it: three hundred cubits [about 450 feet, or, 137 meters] the length of the ark, fifty cubits [about 75 feet, or, 23 meters] its width, and thirty cubits [about 45 feet, or, 14 meters] its height. You will make a *tso'har* [roof; or, window] for the ark, and you will complete it to the extent of a cubit [about 18 inches, or, 46 centimeters] upward, and the entrance of the ark you will put in its side; you will make it with a lower story, a second story and a third story."—Gen. 6:14-16.

The Egyptians used papyrus reeds that were woven and lashed together to form a boat. Some sails were also made of papyrus. Papyrus is a tapering three-sided reed that grows to a height of eight to 16 feet (2.5 to 5 meters) in shallow water. In the year 1970, Thor Heyerdahl traveled thousands of miles across the Atlantic in a papyrus vessel, to prove the seaworthiness of such a boat. The Babylonians and Ethiopians also used reed boats. Some of these boats were round.

The Chinese junk is one of the most ancient sailboats. Yet in spite of its unwieldy appearance to Western eyes, it is quite practical. It has been said that it represents the ultimate in aerodynamic efficiency. These sailing vessels at one time controlled the Indian Ocean and during the Middle Ages sailed regularly to India, Ceylon (Sri Lanka), the east coast of Africa and to Aden (Yemen). In 1848 a junk even made a voyage from China to Boston, New York and London. It is not known when the Chinese junk was first used.

The Phoenicians were master seafarers, carrying on extensive trading in the Mediterranean Sea, and possibly sailing through the Strait of Gibraltar to Britain and around the African coasts. Their principal seaports were Tyre and Sidon. The Bible gives us an idea of the materials used in the construction of the Phoenician ships. It depicts the city of Tyre as a pretty sailing ship, with planks of durable juniper, a single mast from a cedar of Lebanon, and oars of massive trees of Bashan, probably oak. The prow was made of cypress wood inlaid with ivory. The sail was of colored Egyptian linen, the deck covering of dyed wool. The boat's seams were caulked.—Ezek. 27:3-9.

During the first century of the Common Era, numerous ships sailed the waters of the Mediterranean Sea. Some were quite large. The Jewish historian Josephus reports that he once sailed on a ship carrying 600 people. The apostle Paul, along with a crew and passengers—totaling about 276 persons—was shipwrecked off the island of Malta.—Acts 27:37; 28:1.

From the first century onward, wood was the main construction material. However, as early as 1829 iron made its appearance in ship construction in Great Britain. An event that possibly aided in the turnover from wood to iron was the development of the explosive shell in 1819.

But by the middle of the 19th century most countries were constructing warships of steel. Also, steel passenger ships and freighters or merchant schooners with four, five, six and, at times, seven masts began to appear. The shipping of tea, coffee, dried fruits and other perishable goods increased. Fast "clipper" ships could get them to their destination in a short time. The clippers could average 300 nautical miles (556 kilometers) per day, the best 24-hour run recorded being 436 nau-

tical miles (807 kilometers). They were the forerunners of the sleek cargo steamers that now make the trip from Japan to the west coast of the United States in seven to ten days.

Handling the big sailing ships is not an easy job. For instance, the *Nippon Maru* is about 320 feet (98 meters) long. It has four masts with up to six yardarms on each mast to support huge square sails having a total area of 25,800 square feet (2,397 square meters). The crew of 150 men (including 120 cadets) must climb ladders 90 feet (27 meters) or more up to a yardarm, then walk out on a rope suspended below the yardarm. Ten crew members on one yardarm raise or lower the sail. Teamwork and coordination are a must, as a slip of the foot or a misjudgment could be fatal.

### *Sailing Ships of the Present*

The near disappearance of the clipper ships does not mean that sailing has become obsolete. Rather, it has largely changed from a business to a sport, and many people from all walks of life are able to enjoy the thrill of being moved noiselessly over the waves of the sea.

During the first half of this century, construction materials have changed greatly. Not only steel, but also aluminum, concrete and other materials have been used to construct sailing boats. However, since World War II a new material has been in use that has advantages over the others in many respects. This material is fiber glass or glass-reinforced plastic. Steel and aluminum have rust and corrosion problems, but fiber glass does not rust, corrode or rot, though some maintenance is required, and it is more easily damaged by floating objects. At present the majority of modern sailing boats and motor-boats are constructed of fiber glass.

Glass fiber looks much like closely woven

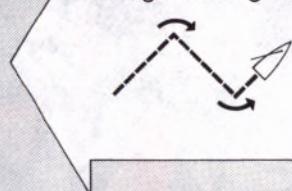
cloth material. In boat construction, a mold for the fiber glass is first constructed. The mold is polished and waxed. The gel coat, which is a hard surface coating of the hull color required, is next sprayed over the waxed mold. Then layers of fiber-glass cloth are placed on the mold, and polyester resin is rolled or sprayed over the previous layers. This process is continued until the required thickness is obtained. When the resin has set, the hull is removed from the waxed mold, the deck is built, interior appointments are completed and the ballast is installed. Finally, the mast is "stepped" (placed in a socket, frame or platform for supporting its lower end) and the sails are raised. You are ready to go sailing! To a great extent, aluminum masts have replaced those made of wood; dacron sails have replaced cotton and linen ones; and stainless fittings have replaced those of iron or steel. All of this has resulted in a lighter, stronger and more durable yacht, with improved speed and beauty.

Fiber-glass construction has revolutionized the pleasure-boat industry. Construction time has been markedly reduced. The time to cut out a stem, a keel, frames and a transom, set them up and plank and caulk the seams of an average-sized wooden cruiser can run more than a month. With a fiber-glass boat, the entire hull can be constructed in less than a week. Moreover, skilled carpenters are needed to construct a wooden boat, but unskilled laborers can be used to a certain extent in fiber-glass lay-up, thereby decreasing labor cost.

Dacron and nylon are the primary materials used for cords and ropes. Lately, a new material has been developed called "kevlar." It looks much like fiber glass and is woven into various thicknesses. Individual hairlike strands of this material, when woven together, make a cord as strong as steel. For example, a half-inch

## BASIC MANEUVERS

Tacking & Coming about



SAILING INTO WIND



REACHING

Jibing



RUNNING

(13-millimeter) kevlar rope has a breaking strength of 25,000 pounds (11,340 kilograms), whereas half-inch galvanized steel cable breaks at only 22,800 pounds (10,342 kilograms). A 100-foot (30.5-meter) length of steel cable weighs 45.8 pounds (20.8 kilograms). The same length of kevlar weighs eight pounds (3.6 kilograms). Consequently, there has been a demand for kevlar, especially to replace steel cable and thereby decrease the weight of the sailing boat.

### Basic Sailing Maneuvers

Present-day yachts are generally much smaller and simpler to handle than the sailing ships of the past. No mast-climbing is necessary, as all the sails can be controlled from the deck. In fact, many sailing yachts are rigged so that all the sails can be raised, lowered and adjusted directly from the cockpit. This makes it possible for one man to handle a yacht under way.

For those planning to learn the art of sailing, there are three basic maneuvers that they should know: how to sail (1) into the wind, (2) across the wind and (3) with the wind.

*Sailing into the wind* is also called *sailing to windward*, *tacking to windward*, *sailing on the wind* or *beating to windward*. To accomplish this, your boat tacks or zigzags, maintaining a 45-degree angle

to the direction of the wind. This requires great skill, as the wind varies in speed and direction, and adjustments are constantly needed.

*Sailing across the wind* is also called *reaching*, as the wind is abeam (at right angles to the keel). This is the fast way to sail.

In *sailing with the wind* or *running*, the sail is almost at a right angle to the wind as the boat runs with the wind.

*Tacking* means turning your boat so that the wind strikes from the opposite side. *Coming about* is fairly easy, because the wind is coming across the bow and you are turning the prow into the wind, as in tacking to windward. But *jibing* can be dangerous. This is turning to steer away from the wind. In this maneuver the wind crosses the stern, whipping the sail across the boat, which could cause it to capsize. It is always wise to wear a life jacket and, if your boat capsizes, try to stay with it.

In any case, a person who ventures out on a boat should first see that it meets all the requirements of the law as to safety equipment. He should also familiarize himself with the local marine laws and should know the waterways in which he is sailing. Also, one should never attempt a sailing trip unless an experienced yachtsman is aboard.

# Translating the Bible in India

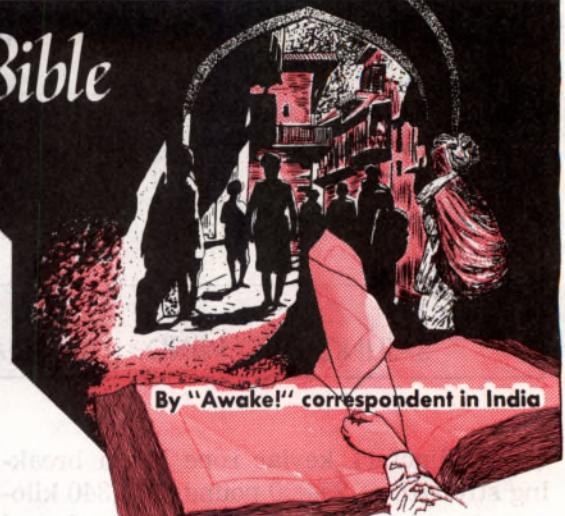
INDIA is a land of many languages. Census figures reveal a total of 1,652 mother tongues, spoken by a population of more than 600 million people. Getting the Bible into some of the more important languages of India has called for much perseverance and long-suffering. Interestingly, there is no other book in the world that has been so widely translated and that has so deeply affected the lives of so many persons.

Though Christendom had established herself in India as early as the fourth century C.E., the Bible did not appear in any Indian language until the 18th century. It is true that in 1665 Matthew's Gospel was rendered into Tamil by a Dutch missionary on the island of Ceylon (Sri Lanka). However, instead of being printed, this Tamil version was circulated handwritten on leaves of the palmyra palm tree. During the next 310 years, the whole Bible or portions of it gradually appeared in some 130 Indian languages.

## Tamil and the 'Golden Version'

The year 1706 was an important one for Bible translation in India. It was then that two Germans anxious to translate the Bible into Tamil landed at the Danish trading station at Tranquebar, in present-day Tamil Nadu. The Danish traders, including their chaplain, gave them a hostile reception.

But, in time, one of these Germans, Ziegenbalg by name, began to learn Tamil by sitting among children and tracing in the dust with them the characters of the Tamil alphabet. By the year 1714 this man produced, in Tamil, the Christian



By "Awake!" correspondent in India

Greek Scriptures (commonly called the "New Testament"). At the time of his death in 1719, Ziegenbalg had completed the Hebrew Scriptures ("Old Testament") up to the book of Ruth. The complete Bible in Tamil appeared in 1728.

Later came a revision of the Tamil Bible by another German, Philip Fabricius. It is said that he "crept through the original Bible text on his knees . . . carefully weighing each word to see how it might best be rendered." Fabricius worked on his revision for 35 years, at a time when the British and French were struggling for supremacy in South India. Often the area was exposed to siege and plunder by marauding hordes, forcing Fabricius with his precious manuscripts to seek refuge at the Dutch settlement at Pulicat.

Despite such difficulties, the work of revision was successful. Fabricius' version ranks as one of the most notable achievements in the whole field of Bible translation. It came to be known as the 'Golden Version.' All subsequent Tamil revisions were based on this work. Interestingly, the revision of 1936 rendered God's personal name as *Yehowah* throughout the Hebrew Scriptures.

### **The Perseverance of William Carey**

Illustrating the long-suffering needed to get the Bible into Indian languages is the experience of William Carey, a British shoemaker. To finance his Bible translation work, Carey worked as an indigo planter for the East India Company. Within 21 years Carey and his associates succeeded in translating the entire Bible or portions of it into 36 of the tongues spoken in India.

Those men faced tremendous obstacles. They encountered health hazards due to the lack of hygiene in a tropical climate. Also, their work was forbidden by the East India Company, which wrote: "Such a scheme [including the work of Bible translation] is pernicious, imprudent, useless, harmful, dangerous, profitless, fantastic." But these translators persevered, appreciating the value of the Bible's message in the lives of those who would read it.

To publish his translations, Carey set up a primitive wooden printing press at Calcutta in 1798. At first, local people referred to the press as the 'god whom the English worship.' During 1800 Carey transferred his printing establishment to the more hospitable Danish settlement at Serampore. The Christian Greek Scriptures in Chinese came off that press in 1805. Four years later an entire Bible in Bengali was issued. Then came a setback in 1812, when a fire at the Serampore press destroyed several painstakingly made, unpublished Bible translations.

But Carey quickly reorganized printing activities. The Scriptures in the Oriya language appeared in 1815, and in 1818 came Bibles in Sanskrit and Hindi. A year later the Marathi version was published. All together, more than 212,000 volumes were printed by Carey between 1801 and 1832. His partner, W. Ward, wrote home to England, saying: "I love England, I love you; . . . but to give to a man a New Testament,

who never saw it . . . this is my blessed work. If it should be long on earth, it will bear a precious crop, sooner or later."

### **Some Gave Their Lives**

Bible translation in India took its toll of human lives too. This is evident from experiences of persons who labored on the Telugu translation, which took more than 120 years to complete. German scholar Benjamin Schultze evidently had finished a rendering into Telugu by 1732, but it was never printed. Apparently the manuscript was sent to Halle, Germany, and was mislaid or forgotten.

Later, another Telugu translation was destroyed in the Serampore fire of 1812. Then, one after another, four translators succumbed to fatal tropical diseases. The first complete Telugu Bible did not appear until 1854.

### **Malayalam, Tulu, Garo**

When Bible translators arrived in territory where Malayalam was spoken, a priest of the local Syrian Church stated: "The Syrian Church is languishing for want of Scriptures." However, with a crude printing press constructed from a description found in the *Encyclopædia Britannica*, the entire Bible in Malayalam was printed, and published in 1841. Noteworthy is the fact that God's name, Jehovah, appears throughout the entire Hebrew Scripture portion of the Malayalam Bible, and rightly so.

After finishing this task, which required 24 years, Benjamin Bailey wrote: "If but one person be, by means of this translation, brought savingly to believe in Jesus Christ . . . I shall consider myself abundantly rewarded for all my labour and toil, and to God shall be all the glory."

Since languages had to be reduced to writing before the Scriptures could be rendered into them, several communities in India have developed a written script be-

cause of the Bible. In almost every instance the first book to appear in such languages was the Word of God.

An example is the Bible in Tulu, a language spoken by more than one million people on the west coast of India. In order to render the Scriptures in Tulu, translators borrowed the script of the adjacent Kanarese-speaking people. The Tulu Bible appeared in 1847, only 16 years after the entire Bible was published in Kanarese (Kannada).

Interesting is the account of the translation into Garo, a tongue spoken in Assam. After developing a script for Garo, the translators began work on their version. The work was not done hastily; they appreciated the importance of accuracy. After completing the book of Genesis, they exclaimed: "It seems a very long way to the end of Malachi!" Often, not more than one verse was done in a day. In an effort to attain accuracy, the translators consulted every available version in English, French, German, Swedish and other languages of India, as well as the original Bible languages.

Concerning this Garo version, completed in 1924, one of the translators wrote: "The piles and piles and piles of [manuscripts], the stacks and stacks and stacks of proof accumulated make my flesh ache and my nerves tingle as I think of all the weariness they represent. But that side is soon forgotten in the joy of seeing the Garos with a complete Bible in their own language. What it means to them who read for the first time of God's wonders, is not easily comprehended by us who have had it from infancy."

Finding suitable renderings for Hebrew and Greek words was not without its peculiar difficulties. Workers on the Punjabi version in Gurmukhi script made several visits to

local tradesmen to determine the right words for technical phrases. Carpenters were consulted for rendering words related to the Tabernacle, such as "tenons," "socket pedestals," and "panel frames." (Ex. 26:19, AV, NW) To find terms for "the fat that covereth the inwards" and "the caul above the liver," the translators had to visit butchers.—Lev. 3:3, 4, AV.

There were moments of humor too. For example, the translators decided to call "the innermost room," or Most Holy (rendered "Oracle" in the *King James Version*), *Akash Vani*, meaning "heavenly voice." (1 Ki. 6:5-31) However, the next day All India Radio announced that the official Hindi word for "radio" would henceforth be *Akash Vani!* So rather than be accused of blasphemy by installing a radio in King Solomon's temple, a different word was chosen.

Time and space do not permit a full account of the tremendous work of getting the entire Bible into 34 major languages of India, as well as portions of it in many more. All in all, the Word of God can be read by some 525 million inhabitants of India in their mother tongues. These translations have greatly facilitated the preaching of the "good news" of God's kingdom by Jehovah's Witnesses in India. (Matt. 24: 14) More than 4,750 individuals are now engaged in this Bible educational work, and an additional 3,174 individuals and families are using these Bible translations when the Witnesses call at their homes to study the Bible with them.

Bible translation has certainly benefited the inhabitants of India. The Bible's message has given real meaning to life now and a dependable hope for the future to those who have put faith in it.



# The Bible's View



## Why the Emphasis on Christian Freedom?

"CHRIST set us free. Therefore stand fast, and do not let yourselves be confined again in a yoke of slavery." (Gal. 5:1) "Be as free people, and yet holding your freedom, not as a blind for badness, but as slaves of God." (1 Pet. 2:16) These and similar statements in the Christian Greek Scriptures stress the high worth of Christian freedom and the importance of safeguarding it. An examination of the circumstances existing in the first century C.E. can help us to appreciate why such emphasis is to be placed on Christian liberty.

Before Jesus Christ came to the earth to give his life in sacrifice, Almighty God dealt exclusively with the nation of Israel. By the first century, the Israelites had been under the Mosaic law for over 1,500 years. The religious leaders of Judaism, especially the Pharisees, believed that they could gain merit with God by their strict observance of the Law according to the traditional interpretation. Instead of looking humbly to Jehovah God for his mercy and favor, these men prided themselves in being better than other Israelites and in having a superior standing with God. Their attitude was like that of the Pharisee whom Jesus, in one of his illustrations, represented as

praying: "O God, I thank you I am not as the rest of men, extortioners, unrighteous, adulterers, or even as this tax collector. I fast twice a week, I give the tenth of all things I acquire."—Luke 18:11, 12.

In actuality, however, the Mosaic law condemned even the Pharisees as sinners. For example, Paul, while a Pharisee, realized that he could not keep the Law perfectly. He found that, despite his best efforts, the command against coveting condemned him. In his letter to the Romans, he wrote: "I would not have known covetousness if the Law had not said: 'You must not covet.' But sin, receiving an inducement through the commandment, worked out in me covetousness of every sort, for apart from law sin was dead. In fact, I was once alive apart from law; but when the commandment arrived, sin came to life again, but I died."—Rom. 7:7-9.

One of the prime objectives of the Law was that of leading the Israelites to the Messiah by making them conscious of the need for that one's redemptive work. Therefore, after Jesus Christ completed his sacrificial course and presented the value of his sacrifice to his Father, the Law had accomplished its purpose. (Gal. 3:24, 25) All of those who exercised faith in God's arrangement through Christ to have their sins forgiven were freed from the condemnation of sin and also from the Law that made such condemnation manifest.—Rom. 7:6; 8:1, 2.

Failing to appreciate this vital truth, certain Christianized Jews in the first century C.E. insisted that salvation could not be gained apart from the Law. Believing that acceptable moral conduct depended on strict adherence to the Law, they wanted to impose it on believing non-Jews. (Acts 15:2, 5) Such Christianized Jews lost sight of the fact that the Law in itself could not ensure

fine conduct and that God's spirit operating on those who exercised faith in Christ is a far stronger force for righteousness. (Gal. 5:16-18) The spirit of God produces love within the individual, and "love does not work evil to one's neighbor."—Rom. 13:10.

Persons who insisted on Law observance denied the value of all-essential faith and continued to look to works as the means for making themselves righteous. Their legalistic approach in matters of worship would have brought Christians back under an arrangement that only exposed individuals as being sinners and deserving of death.—Rom. 3:20; 6:23.

Hence, insistence on Law observance as a means for gaining salvation was really a returning to a slavery from which Christians had been set free on the basis of Jesus' sacrifice. The apostle Peter pointed this out to those who felt that the requirements of the Law should be enjoined on believers among the uncircumcised non-Jews. Referring to the fact that the Italian Cornelius and others had received God's spirit while in an uncircumcised state, the apostle drew the following conclusion:

"God, who knows the heart, bore witness by giving them the holy spirit, just as he did to us also. And he made no distinction at all between us and them, but purified their hearts by faith. Now, therefore, why are you making a test of God by imposing upon the neck of the disciples a yoke [the Mosaic law] that neither our forefathers nor we [Jews] were capable of bearing? On the contrary, we trust to get saved through the undeserved kindness of the Lord Jesus in the same way as those people also."—Acts 15:8-11.

Since Jehovah God, through his Son, poured out his spirit on believing non-Jews, those who wanted uncircumcised believers to come under the Law were actually finding fault with God. They made it appear

that the Most High did not know what he was doing in accepting the non-Jews without first requiring that they keep the Law. This was indeed an improper 'testing of God.' Christian freedom had to be defended so that believers would not displease Jehovah.

Today, too, we must safeguard our Christian freedom. This does not mean that we can be lawless. To the contrary, we are slaves of God and Christ. Our becoming practicers of sin would constitute a denial of the very purpose for which God's Son died in our behalf, namely, to liberate us from sin. How wrong it would be to presume on the unmerited mercy that has been shown us! (Rom. 8:2-11; 1 Pet. 1:17-19) Yet, we must be careful not to fall into the trap of thinking that we gain the gift of everlasting life by the performance of certain works. This could cause us to think too highly of ourselves, as did the Pharisees, and give credit to ourselves for the work that God is accomplishing through Christ and the holy spirit. (Compare Romans 7:21-25; 1 Corinthians 3:6, 7.) Our fine works and conduct are but an expression of our active, living faith. (Jas. 2:26) They prove that we are allowing ourselves to be used by our heavenly Father and his Son as their instruments. Thus, all glory goes to Jehovah God and to our Lord Jesus Christ.

May we never lose sight of the value of Christian freedom in rendering properly motivated service to God. A perfect code of laws cannot make any person righteous. To be divinely approved, we need a stronger force in our lives than law to override our sinful fleshly tendencies. That stronger force is God's spirit, which operates fully toward persons who have genuine faith in God's arrangement for salvation through Christ. To exchange Jewish legalism for Christian freedom, therefore, constitutes a denial of Christian faith.

# Watching the World



## Surprises from Jupiter

◆ When the Voyager 1 space-craft flew by Jupiter in March, scientists received some surprises from the craft's cameras. They learned that Jupiter has a ring around it as do Saturn and Uranus. The ring consists of dark, rocky debris estimated at less than 18 miles (29 kilometers) thick and 5,000 miles (8,000 kilometers) wide. By way of comparison, Saturn's highly visible rings are less than 10 miles (16 kilometers) thick but about 170,000 miles (270,000 kilometers) wide. The existence of Jupiter's ring supports the 1849 theory of French astronomer Edouard Roche that rings, rather than moons, must exist within a distance of 2.45 times a planet's radius. He calculated that gravitational forces exerted by the mother planet would tend to tear any orbiting satellite apart within this so-called "Roche limit."

The spacecraft's camera also filmed what the scientists call "the largest aurora ever seen by mankind" at Jupiter's North Pole. They believe that forces similar to those causing the beautiful aurora borealis on earth are at work on Jupiter as well. But Jupiter's aurora was said to be at least 18,000 miles (29,000 kilometers) long, more than twice the diameter of earth.

Numerous active volcanoes on Io, the innermost of Jupiter's major moons, also surprised scientists. They had expected a cold, cratered moon similar to our own, but "it appears that the steam, falling ash and lava flows of global volcanoes are still shaping Io's surface," reports the *New York Times*. The erupting volcanoes are the first seen outside those on earth.

## Churches Liable for

### Commercial Ventures

◆ The 4th District Court of Appeal in San Diego, California, recently ruled that the United Methodist Church can be held liable for damages caused by an affiliated secular enterprise. Elderly residents of retirement homes had sued the church for fraud when its affiliated Pacific Homes retirement network went bankrupt. Church lawyer Samuel Witwer declared that "there will be a chilling effect on religion in this country" over the ruling. However, the judge countered that such "chilling effect" should be considered "before becoming involved in commercial affairs." He also said: "Nothing either our state or federal Supreme Court has said has even remotely implied that under the cloak of religion, persons may, with impunity, commit fraud upon the public."

## Swiss to Join U.N.?

◆ In keeping with her policy of strict neutrality, Switzerland joined neither the League of Nations nor the U.N., though acting as host for many of their conferences. However, the Swiss reportedly are now considering membership. "Queried about their tradition of neutrality," says the *New York Times*, "Swiss officials noted that Austria and Sweden had managed to join the world body and remain neutral."

## "Killer Bees" Domesticated

◆ "The killer bee is no longer a killer," Dr. Helmuth Wiese, president of Brazil's beekeepers, recently declared. And Lionel Goncalves of the Medical School of Ribeirao Preto agrees that "you have more chance of being killed by a mad dog" than by the bees. Continued crossbreeding with Brazilian bees has gradually tempered the vicious personality of wild African bees that Brazil had imported in 1956 as prodigious honey-producers. Some estimate that before the bees' "domestication," they killed as many as 200 persons and numerous animals. North Americans had feared an onslaught of the vicious bees by 1985, when northward movement might bring the insects to Texas. By then, though, their altered temperament could make them welcome additions to the environment.

## Earth's Forgotten Fourth

◆ Is the world's poverty problem gradually being overcome? Director General Edouard Saouma of the United Nations Food and Agriculture Organization recently answered that "poverty not only persists in all developing countries, but is actually increasing in most." He told food officials from more than 100 countries: "It is a tragic anachronism that more than one billion people in the rural areas endure lives of absolute

poverty and destitution. More than 450 million people suffer severe undernutrition."

#### Dog Follows "Cat" up Tree

◆ *The Star*, of Johannesburg, South Africa, recently carried a report about a farmer in Namibia (South-West Africa) who had lost five sheep and several calves to a marauding leopard. Two of his dogs, which are part greyhound, chased after it. According to the farmer, when the big cat went up a tree for safety, one of the dogs went right up after it! "It is beyond me how the dog scaled the tree to tackle the leopard about six metres [20 feet] above the ground," remarked the farmer. "The dog and the leopard fought fiercely and both tumbled out of the tree. Once they were on the ground the second dog helped the other finish off the beast."

#### Space Disease?

◆ Soviet biologists have been studying the effects on the human body of lengthy stays in space. According to Oleg Gaggenko, director of the Soviet Medical Biology Research Institute, "some microbes existing in everyone's body have been found capable of changing in space flight conditions from harmless to disease-producing microbes." Since the microbes were at first "harmless," did they actually become "disease-producing," or was it the altered circumstances of their human hosts that made them harmful? If the latter is the case, this may help to explain how, even though a loving God did not create disease, mankind's fall to imperfection allows otherwise benign organisms to produce what we know as disease.

#### Giant New "Worms"

◆ Some 8,000 feet (2,400 meters) beneath the Pacific, in 10-foot (3-meter) tubes of their own making, dwell a previously unknown type of worm. The

deep-diving submarine *Alvin* brought up a specimen for observation, and scientists say that it is so unusual in anatomy that it may be from an entirely new phylum, or basic division of the animal kingdom. It has no mouth or eyes, and a Smithsonian Institution curator says that parts of the worm's nervous system "are without precedent in the whole animal kingdom." The creature's long dwelling tubes are apparently formed in layers by material it exudes. This substance is said to be so tough that it actually "dulls a razor blade."

#### Best Vaccine Test Subjects

◆ The U.S. federal Communicable Disease Center needed test subjects for preliminary trials of a new serum-hepatitis vaccine at its Phoenix, Arizona, laboratory. Serum hepatitis "is transmitted via blood transfusions, infected hypodermic syringes, unclean dental instruments and sexual intercourse," explains the *Arizona Republic*'s medical editor. Who would make the best test subjects? Dr. Wolf Szmuness, professor of epidemiology at Columbia University School of Public Health, answers: "Because male homosexuals represent the most highly promiscuous segment of the population, the disease is rampant among them. They realize this and the unpleasant consequences of the disease. They have therefore volunteered, through their organizations in Phoenix and New York, to act as test subjects."

#### Starting Young

◆ "A 3-year-old girl, her pocket stuffed with stolen jewelry, and her 10-year-old sister were arrested inside a burglarized home," according to a United Press International report from Denver, Colorado. "The girls apparently entered the home . . . by breaking a kitchen window, [police] officers said."

#### Fraud by Church-run

Child Charities

◆ Are church-run child-care agencies free of the greed and abuse that often characterize secular agencies? *New York* magazine answers that "audits, investigations, and analyses of [all] agencies' reimbursement records on file with the [New York] Department of Social Services, Special Services for Children, show a system of pervasive mismanagement and greed." The audits included agencies "associated with such prominent groups as Catholic Charities, the Federation of Protestant Welfare Agencies, and the Federation of Jewish Philanthropies." *New York* notes that "some of the worst child-care agencies have gone un-audited for seven or eight years." Why? "Because of the political power of the religious agencies involved," says the article.

#### Vitamin C and Cancer

◆ The chief surgeon of Torigai Hospital in Fukuoka, Japan, claims that vitamin C prolongs the lives of terminal cancer patients. Over a period of four years, he administered the vitamin to 99 cases judged hopeless, giving 1.5 grams daily to 44 persons and 29 grams to 55. "As of August 1978, the average length of life after the start of Vitamin C administration was 201 days in the second group but only 43 days in the first," reports *The Daily Yomiuri* of Tokyo. According to the doctor, five of the high-dose group are still alive after three years. His results were said to correspond closely with those of Nobel Prize-winning chemist Linus Pauling, who administered vitamin C to a group of terminal cancer patients in Scotland a year ago. Pauling claims they survived four times as long as patients who did not receive the vitamin.

### **1,000-Year-Old Butter**

◆ The Soviet Tass press agency reports that archaeologists have uncovered a large clay jar of butter claimed to be about 1,000 years old. The butter, found buried about nine feet (3 meters) deep in the ancient central Asian city of Aktobe, was said to have coloring and smell as good as when it was buried. Tass declared: "It's a rare find and it will help to improve methods of long-term preservation of natural fats."

### **Mighty Mites**

◆ Over 40 buildings in Pittsburgh, Pennsylvania, have been badly damaged because of bedrock expansion under their foundations. How is such a thing possible? The problem is microscopic bacteria. "*Thiobacillus ferrooxidans* munch the pyrite found in shale and excrete sulfuric acid," says *Science News*. "Sulfuric acid, in turn, reacts with lime in the

rock to produce gypsum crystals," which grow and exert "pressures as high as 10,000 pounds per square inch [700 kilograms per square centimeter] . . . causing the rock to heave and expand."

### **Virginity 'Contest'**

◆ Ancient traditions of the Zulus, the dominant black tribe in South Africa, require that women remain chaste until they marry. However, as in so many other places, this standard is breaking down. Chief Vulindaba Ngcobo of the eastern province of Natal stated: "There is too much immorality, illegitimacy and prostitution among our young people and we must root it out." This South African tribal chief offered a prize to whichever region under his jurisdiction could produce the most virgins. Toward this goal he introduced "virginity tests" in his territory. Many unmarried

Zulu women have reportedly been examined by elderly women, and virgins have been "certified." The chief stated: "The tests are compulsory and any girl who does not arrive at the testing hut must pay a fine of 40 rand [about \$50, U.S.]. Any girl who fails the test must pay a fine of 10 rand if her seducer cannot be found. If they can trace the seducer, and he admits deflowering the girl, he must donate two head of cattle to the girl's parents."

### **Criminal at Eight**

◆ Police officials in Fort Lauderdale, Florida, wonder whether a delinquent eight-year-old boy is already a "career criminal." "I don't know if [he] can be saved," said a state official. The boy has been arrested eight times in less than five months, most recently twice in one week for car theft.

gibberishes over names that "looked" so prettily made over simple ones, names that told "the" "beautiful" lies you wanted the world to see. "I write for you now and you can see that I am still a good man but very old. I do not like to see how the world has changed and I have lost many more men than I have ever seen go away and never come back."

"Infact he doesn't look at anything outside of himself or his wife," continued the young soldier. "He's a good man but he's very hard to get along with. He's not a good man and he's not a good father either. He's not a good man because he's not a good man."

"The man who sold me that Mexico bus was John," said Gandy, "and that's an interesting story. It goes like this: one day he saw a man with a gun in his hand and he asked him what he wanted. The man said, 'I want to buy your bus.'

"I said, 'I don't care if you want it.'

"Then he said to me, 'I want to buy your bus because it's not worth much money.' I said, 'It's not worth much money, but it's not worth nothing. You can't afford to buy it because you don't have enough money.' He said, 'I'll give you \$500 for it.' I said, 'I'll take it for \$500.' He said, 'I'll give you \$600 for it.' I said, 'I'll take it for \$600.' He said, 'I'll give you \$700 for it.' I said, 'I'll take it for \$700.' He said, 'I'll give you \$800 for it.' I said, 'I'll take it for \$800.' He said, 'I'll give you \$900 for it.' I said, 'I'll take it for \$900.'

"Then he said, 'I'll give you \$1,000 for it.' I said, 'I'll take it for \$1,000.' He said, 'I'll give you \$1,500 for it.' I said, 'I'll take it for \$1,500.' He said, 'I'll give you \$2,000 for it.' I said, 'I'll take it for \$2,000.' He said, 'I'll give you \$3,000 for it.' I said, 'I'll take it for \$3,000.' He said, 'I'll give you \$4,000 for it.' I said, 'I'll take it for \$4,000.' He said, 'I'll give you \$5,000 for it.' I said, 'I'll take it for \$5,000.'

"Finally he said,

"'I'll give you \$6,000 for it.' I said, 'I'll take it for \$6,000.' He said, 'I'll give you \$7,000 for it.' I said, 'I'll take it for \$7,000.' He said, 'I'll give you \$8,000 for it.' I said, 'I'll take it for \$8,000.' He said, 'I'll give you \$9,000 for it.' I said, 'I'll take it for \$9,000.' He said, 'I'll give you \$10,000 for it.' I said, 'I'll take it for \$10,000.'