

FATE

**Land
of the Living Dead**

**Can Animals
Predict Earthquakes?**

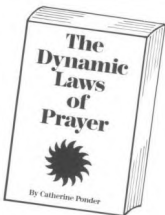
**A Meeting With the Devil
Venetian Empire**



0 71896 46125 1

CATHERINE PONDER'S THE DYNAMIC LAWS OF PRAYER

This is an "uncommon" book on prayer. It states that "prayer is where the action is because prayer releases the highest form of energy." (This is a Revised Edition, formerly titled *Pray and Grow Rich*, and includes additional chapters, updated introductions and conclusions.)



CONTENTS

PART I

Simple Methods of Prayer

Introduction: PRAYER IS WHERE THE ACTION IS!

Chapter 1: THE SHOCKING TRUTH ABOUT PRAYER

Chapter 2: WHEN YOUR PRAYERS HAVE NOT BEEN ANSWERED

Chapter 3: THE PRAYER OF RELAXATION

Chapter 4: THE PRAYER OF CLEANSING

Chapter 5: THE PRAYER OF PROTECTION

Chapter 6: THE PRAYER OF DECREE

PART II

Advanced Methods of Prayer

Introduction: LIFE'S GREATEST SUCCESS SECRET

Chapter 7: THE PRAYER FOR MIRACLES

Chapter 8: THE PRAYER OF CONCENTRATION

Chapter 9: THE PRAYER OF MEDITATION

Chapter 10: THE PRAYER OF SILENCE

Chapter 11: THE PRAYER OF REALIZATION

Chapter 12: PRAYER PARTNERS CAN MAKE THE DIFFERENCE

Conclusion: AFTER PRAYER, THEN WHAT?

UNITY WORLDWIDE POST OFFICE BOX 1709 PALM DESERT, CA 92261

Please send me _____ copies of *THE DYNAMIC LAWS OF PRAYER* at \$8.95 each. Enclosed is my check () or money order () totaling \$ _____.

Name

Address

City/State/Zip

Book dealers and churches should order direct from the publisher: DeVORSS & CO., Post Office Box 550, Marina del Rey, CA 90294.

MAXIMIZE YOUR IMMUNITY AGAINST DISEASE!

Here's a new tool for health improvement and maintenance. Simply watch the accurate depiction of how your own immune system can be stimulated to battle against dangerous bodily invasions on...

THE O.M. HEALTH IMAGING VIDEO TAPE

A product of eight years of research and development, **The O.M. Health Imaging Video Tape** is the only visual medical support tape to help maximize a person's immune system against disease. It helps also to reduce stress. Prominent scientists have come to recognize the importance of mind-body interaction which is based on the theory that the immune system can be consciously controlled.

Using the latest state-of-the-art methods in computer-animated video techniques, O.M. Corporation has produced a video simulation of what occurs in a fully-functioning human body when it is attacked by disease. The brain signals the immune system to produce increased numbers of white blood cells which seek out and destroy the disease cells.

This tape is not intended to replace physicians or medical treatment, but is offered as an aid in augmenting mind power and/or spiritual powers to facilitate improvement.

TAPE CONTAINS 8 PARTS:

PART 1. The brain sends messages to activate and stimulate the immune system.

PART 2. Healthy white blood cells organize into vigilant troops, then journey toward the disease.

PART 3. Healthy white blood cells increase antibody production which will be used to fight diseased cells.

PART 4. The healthy cells surround the diseased cells and then mark them for destruction.

PART 5. The cell cloud of antibodies begin to saturate and invade the diseased matter.

PART 6. The diseased cells weaken and give way to the invasion of the healthy cells.

PART 7. A chain reaction within the cloud destroys everything except the outermost layer of healthy cells.

PART 8. The remaining healthy white blood cells regenerate and resume their normal policing of the body.



By simulating the healing process, this video teaches you how to use visualization to trigger your body's defense system.

Designed to be used in a quiet and private environment, the video will gently guide you to relax and enjoy the images of the body in its natural cellular healing process. Experience the benefits of this important tool for health improvement and maintenance.

The video includes a subliminal voice track, a specially-composed musical score, and surf sounds designed to trigger brain wave response. This innovative video-imaging simulation has significantly improved users' quality of life. Includes O.M. explanation sheet inside each tape box.

VENTURE BOOKSHOP

P.O. Box 249, Highland Park, IL 60035

Please send me _____ O.M. HEALTH IMAGING VIDEO TAPE(S) at \$44.95 each, plus postage-handling; \$4.00 U.S.A.; \$8.00 foreign on each. I enclose check money order for \$ _____

Please specify VHS BETA

Name

Address

City, State, Zip

FROM THE EDITOR

Even the most fantastic possibilities can turn out to be real — if inquirers are willing to overcome their prejudices and boldly seek the truth. That's the lesson to be learned from Wade Davis' remarkable investigation of zombies, a phenomenon that even the most open-minded people usually dismiss as wild superstition. But Davis' willingness to listen to what critics characterize as mere "anecdotal testimony" (see Peter Gorner's "Land of the Living Dead") has brought to light a medical discovery which may benefit a lot of suffering people. At the same time Michael Bowker sounds a cautionary note in "Can Animals Predict Earthquakes?" The answer, neither exactly yes nor exactly no, suggests that some things may be easier to find in nature than in the laboratory. Also in this issue, Hilary Evans tells what happened when a man looked for the devil — and where he found him. Dwight Whalen relates the curious case of a man who claimed to be able to command the clouds . . . and more. Enjoy the issue!

Jerome Clark

FATE

3510 WESTERN AVENUE
HIGHLAND PARK, ILLINOIS 60035
PHONE (312) 433-8100

Publisher	Curtis Fuller	Consulting Editor	D. Scott Rogo
Associate Publisher and Editor Emeritus ..	Mary Margaret Fuller	Advertising Director	Chester S. Geier
Editor	Jerome Clark	Advertising Production Manager & Classified Advertising	Diane Torres
Managing Editor	Debbie Leathers	Circulation Service	Maureen Rose

ADVERTISING SALES

TIM MURPHY — SALES MANAGER

CENTRAL ADVERTISING OFFICE

Lois D. Silvers
Clark Publishing Co.
3510 Western Avenue
Highland Park, Ill. 60035

(312) 433-8100

EASTERN ADVERTISING OFFICE

Marvin Labiner
Karaban/Labiner Associates, Inc.
130 W. 42nd St.
New York, N.Y. 10036

(212) 840-0660

CALIFORNIA ADVERTISING OFFICE

Jon Kaufman — Diane Kaufman
Publishers Marketing Group
P.O. Box 8903
La Jolla, Calif. 92038

(619) 755-6445

FATE

JULY 1988
Vol. 41 • No. 7 • Issue 460

ARTICLES AND STORIES

An Empire to Rival Rome, Part I	William Mullen	30
Nine-Year-Old Ghost	Christina Ferchalk	45
Appointment With the Devil	Hilary Evans	55
Can Animals Predict Earthquakes?	Michael Bowker	64
The Man Who Made the Rain Come Down	Dwight Whalen	71
Land of the Living Dead	Peter Gorner	76
A Curious Creative Incident	Robert Weinstein	87
Other Lives Than This, Part II	D. Scott Rogo	91
I Dreamed the Winning Races	Albert W. James	97

FEATURES

I See by the Papers	Curtis Fuller	7
Who Knows What Hidden Mysteries Lurk?	George W. Earley	44
Ice from the Sky	A. B. Turner	50
True Mystic Experiences	The Readers	51
Monogamy Is Not Nature's Way		54
Quirks of Fate	Harold Helfer	63
A Sirius Injustice		75
Lindow Man II		82
My Proof of Survival	The Readers	83
Jackpot Dream	John Ellis Sech	96
Books, News & Reviews	D. Scott Rogo	99
Report from the Readers	The Readers	111

NOTICE TO AUTHORS: Articles unaccompanied by return postage will be discarded.

FATE (ISSN 0014-8776) (UPS 501-470) is published monthly by CLARK PUBLISHING COMPANY, 3510 Western Avenue, Highland Park, Illinois 60035. Second class postage paid at Highland Park, Illinois, and additional entry offices. We do not accept responsibility for the return of unsolicited manuscripts, photographs or artwork. Subscriptions: \$17.00 a year (add \$3.50 a year postage for Canadian subscriptions, \$5.00 a year for foreign subscriptions). Address correspondence regarding subscriptions and address changes to FATE Subscriptions, 170 Future Way, Marion, Ohio 43305. Please notify Marion, Ohio, office of change of address 30 days in advance, giving both old and new addresses and zip code. Copyright © 1988, CLARK PUBLISHING CO.

PRINTED IN THE UNITED STATES OF AMERICA

DIGITAL THERMOMETER

for the exciting new field of

TEMPERATURE BIOFEEDBACK

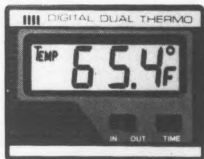
UNTIL NOW — A DIGITAL THERMOMETER
WITH RAPID RESPONSE SOLD FOR \$200

HERE IS AN EXCEPTIONAL VALUE

Model 40T

10 Second Response
to Temperature
Changes

\$49⁹⁵



Model 60T

SUPER FAST
Temperature
Monitored
Every Second

\$69⁹⁵

- Range 0 to 160° F.
- Selection switch for F. or C.
- Sensor extends 5 feet for handwarming technique to relieve headaches
- Internal sensor monitors room temperature
- External sensor reads outdoor temperature
- Press a button and digital clock displays time
- Fast and slow setting for hours and minutes
- Fits in palm of hand or pocket
- Built-in desktop stand
- 1½ volt button battery included
- Instructions in English, French, German

With complete instructions and one year factory service warranty. Add \$5 shipping to 48 states and APO/FPO box; \$7 to Hawaii, Alaska, Canada, Puerto Rico. We will quote shipping to other countries. Illinois residents please add 7% sales tax.

SCHNEIDER INSTRUMENT CO.
GROSS POINT MEDICAL CENTER 078

9631 Gross Point Road, Skokie, IL 60076 U.S.A.

Telephone: 312-676-9151

I SEE BY THE PAPERS

by Curtis Fuller



QUOTE OF THE MONTH

We are witnessing at present and shall continue to see an enormous widening of the horizon of knowledge and of scientific tolerance. That man will learn more facts is trite and hardly worth recording. But there are two ways of expanding knowledge; one is the accretion of data in the manner of the physicist at the end of the last century, of the busybody who understood his subject and looked for the next decimal place in the numerical constants of nature. The other is the open-minded reception of novel truths with full cognizance of their heresy to past convictions. It is the latter disposition that characterizes the progress of recent science. The smug and complacent attitude of the 19th-Century physicist who, to choose a trivial example, denied the existence of the human soul because he could not weigh it or locate its whereabouts is gone forever. The modern scientist may still deny the soul, but on better grounds. Whitehead's impressive reference to the fallacy of simple location, the reminder that

existence need not be tied to location, was startling in its day but is almost a commonplace of modern physics. The rise of interest in objective and dispassionate investigations of phenomena once called occult is in harmony with the new spirit of the time.

— Henry Margenau
Physics and Philosophy: Selected Essays

MANY SKEPTICS dispute the likelihood that global accidents, either periodic or random, have visited enormous catastrophes upon the world. This skepticism seems to soften, however, as increasing research provides more and more evidence of natural disasters.

We now know that lethal events have left permanent scars upon the earth's surface and its living populations. Disastrous earthquakes, volcanic eruptions, collisions with giant meteorites, glaciations and unknown other events have befallen our far-from-peaceful world. We now look at other threats, some of which may be man-made, including



Sri Darwin Gross - Author, Lecturer & Spiritual Guide, Successor to Paul Twitchell, the modern day founder of the Ancient Teachings of the Masters

Your Right To Choose - Who says you can't improve your understanding ?
PP \$4.95

Power of Awareness- Unfold to Mastership, the effortless way.
PP \$4.95

Awakened Imagination- Power of achievement of aims and attainment of desires with certainty!
PP \$4.95

The Atom- Learn secrets and how you can retain your individuality throughout eternity.
PP \$4.95

You Can't Turn Back- A fascinating glimpse into the life of a spiritual giant in this world today.
PP \$4.95

Consciousness Is Life- Exposing truths that have been hidden from you as a control factor.
PP \$4.95

Any 2 for \$5.00 or 3 for \$6.00 pppd,
Write: SOS Publishing, PO Box 68290
Oak Grove, OR 97268

acid rain, decline of the ozone layer and the effects of man-created climatic changes.

American archaeologist Robert Bird has evidence that a gigantic tidal wave destroyed a large part of the Chavin civilization along the Peruvian coast 2900 years ago. Excavations north of Lima have revealed heavy damage to ancient buildings and the existence of thick silt deposits over cobblestone streets and floors suggests a giant wave and its backwash rather than torrential rains and flooding.

About 50 years after the tidal wave, the religious center of Chavin de Huantar was built 10,000 feet up in the Andes beyond the reach of further tidal waves. The new city is famous for its monumental sculptures with relief carvings and great stone temples.

This culture flourished until about 200 B.C. and was the first of the great Andes civilizations that culminated in the Inca empire. The destruction of the coastal cities changed the history of Peru. The coastal settlements died just when the culture was expanding.



DISASTER IN CHINA

HALF THE population of northern China was wiped out about 205 B.C., according to Chinese records which tell of crop failures and massive starvation during the Han dynasty. These ancient

chronicles describe a wet, cold climate and tell of millions of persons dying, of children being legally sold and of cannibalism.

Ian Anderson, writing in *New Scientist*, suggests that this disaster was caused by an Icelandic volcanic eruption which occurred about the same time. He cites a 1983 study of Danish bogs whose condition indicated that the whole of northern Europe was abnormally wet about 205 B.C. He believes that "something unusual was happening to the weather on a large scale about that time."

The most likely explanation seems to be a volcanic eruption which occurred in Iceland about 210 B.C., plus or minus 30 years.

This eruption has been deduced from a study of Greenland ice cores.

The Chinese records relate that the stars were lost from view for three months beginning in August 208 B.C. Anderson compares the results with the idea of a nuclear winter which theoretically (at least according to proponents of this controversial hypothesis) would also block out the sun for a long period of time.

Other explanations have been discarded thus far. Increased solar activity would cause a warmer climatic period, not a cooler one. An alignment of the planets was originally proposed but this took place in May 205 B.C. after the worst of the cold spell was over. Researchers

COLLEGE OF MARTINIST STUDIES

The **Martinist Order** is a mystical Brotherhood. It was first organized in France. In 1888, Papus, Grandmaster, established the magazine *L'Initiation* to disseminate information about the Order and its teachings. With the growth of Martinist activities it became necessary to have relevant material in English. In co-operation with *L'Initiation* and others, we are making a great deal of information directly available, much of which has never appeared before in English. Our syllabus covers Martinist Works and History, as well as the Hebrew Kabalah, Esoteric Christianity, Alchemy, the Hermetic Teachings, the Rose+Croix and other areas of Mystical Philosophy.

If you are sincerely seeking the teachings of the Initiatic Tradition and wish to affiliate with an acknowledged arcane school, please write for information or return the coupon.



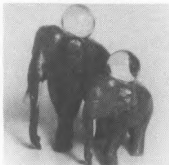
INTERNATIONAL COLLEGE OF MARTINIST STUDIES Worthing W31 • Barbados • West Indies

Kindly send details on your curriculum

Name _____

Address _____

*For Your Desk...
For Your Mantle...*
**FOR YOUR PERSONAL PRIDE
AND PLEASURE**



Miniature elephants, hand-carved of genuine teak in Thailand expressly for the Venture Bookshop. These are the first hand-carved teak elephants we have been able to obtain in nearly 10 years.

Each bears on its back a beautiful crystal of optical quality acrylic. We have seen them on the desks or taborets of top executives who joke that they refer to them for tough decisions. But we know that when they are alone many are not joking.

The combination makes a unique desk ornament, a thing of beauty, a talisman, a conversation piece that identifies you as someone different. And in addition it is a working crystal ball with all the power described by F.W.H. Myers in the instructions he wrote especially for scribes, which are included.

4" Elephant with 1-3/4" Ball, \$29.95

Plus P/H \$3.50 U.S., \$7.00 Foreign

6-1/2" Elephant with 2" Ball, \$39.95

Plus P/H \$4.50 U.S., \$8.50 Foreign

VENTURE BOOKSHOP

P.O. Box 249, Highland Park, IL 60035

also have dismissed war-related grain shortages as an explanation. A war of succession was being fought in northern China at the time but records of the grain prices still exist, showing that the prices were twice as high in regions where the war was not being waged.



BACK TO EXTINCTIONS

AND NOW J. Douglas Macdougall, a geochemist at the Scripps Institute of Oceanography, says that strontium in fossils provides the best evidence so far that severe acid rain helped wipe out the dinosaurs after a giant meteorite struck earth 65 million years ago.

Perhaps we are all a bit bored by this controversy but some of the things Macdougall has to offer are interesting — especially in case another giant meteorite comes wandering along.

The rain, he says, "was as corrosive as battery acid." He doesn't explain where the acid rain came from but it has been suggested that the meteorite heated the atmosphere to the point that oxygen and nitrogen reacted to create nitrogen oxides which mixed with water to form acid rain. The rain in turn hastened the erosion of rocks rich in strontium-87 which washed into the sea and was incorporated into certain sea shells called forams — tiny floating organisms. The proportion of strontium-87 found in the fos-



MARGUERITE CARTER

This woman's prophecies come true!

For over forty years this gifted woman has astonished people worldwide with the accuracy of her predictions of world events.

In recent years, readers of her special annual forecast knew when to expect the unexpected... higher insurance and medical costs... when new opportunities would come to them... and much more.

Of the year ahead Miss Carter says: "In spite of the dire predictions of current 'authorities' we will not suffer a repeat of the '29 stock market crash and its aftermath!... I expect an escalation of peace talks and increasing concern over trade agreements... a return of student demonstrations as in the '60s, but with the emphasis on world peace. These actions will have a powerful impact on our society in ways never before experienced."

THE UNITOLOGY FORECAST is Miss Carter's most detailed, personalized service in which she delves into the most important areas of your life: money, romance, goals and significant changes. You will discover many wonderful ways you can live a better life. She has been the guiding light and helping hand for people from all walks of life, thousands of whom have remained faithful clients for decades. There is good reason why they seek her services year after year--THEY GET THE HELP THEY NEED.

In letter after letter people comment on the uplifting and realistic help they

receive. They tell her: "With your guidance I have tripled my money." I.P. IL "When a certain date has been pinpointed for an event-it always happens-just as you predict!" L.D. OH. The rare qualities of sincerity, warmth and understanding in her UNITOLOGY FORECAST with SPECIAL NOTATIONS provide the guidance that thousands of her clients cannot do without. You get a FULL YEAR'S forecast regardless of when you order. These are judgments by a caring astrologer-counselor, not an impersonal computer.

TEST HER NOW! Send for Marguerite Carter's UNITOLOGY FORECAST with SPECIAL NOTATIONS individually prepared for your birthday. PRINT: month, day, year, place, hour of birth (if known) and include \$9.95 plus \$2.00 toward postage and handling. (\$11.95 total) in U.S. funds only. Allow 4 to 6 weeks for careful completion and delivery. 100% satisfaction guaranteed or full refund. MAIL TO: MARGUERITE CARTER, BOX 807, DEPT. F807, INDIANAPOLIS, IN 46206

silized forams' shells is highest in the time periods of 65, 94 and 225 million years ago when it is believed the various major extinctions also occurred.



AND THE FISH?

PAUL WEISSMAN, a planetary scientist at NASA, mostly supports Macdougall's thesis but says, "It's not a question of whether cold killed the dinosaurs or whether acid killed them but whether all these things together killed them."

Anyway they died. But two serious questions remain to be answered before even Weissman's reasonable suggestion can be accepted.

(1) Many paleontologists take

exception to the whole question. They deny there was a sudden extinction of the dinosaurs and claimed it took place over millions of years.

(2) Kevin Padian, a paleontologist at the University of California, Berkeley (where the whole meteorite extinction theory began), asks if intense acid rain really fell on earth, "why do the fish go through unscathed? Why do lizards, amphibians, snakes, crocodiles, birds and turtles?"




MADE BY US

WHEN WE started to publish FATE 40 years ago, we published information on threatening

ORDER TODAY

LIFE NEVER DIES



\$1.00

Special to FATE readers ONLY: \$1.00

You will also receive absolutely free of charge a six-month introductory subscription to a beautiful metaphysical magazine: **ABUNDANT LIVING**.

ABUNDANT LIVING, DEPT. F, BOX 100, SAN DIEGO, CA 92138

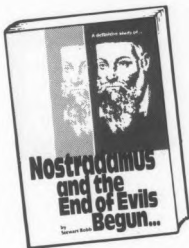
What happens after death?

Does life continue?

What does one say to the bereaved?

STARTLING PREDICTIONS!!!

Over 400 years ago
Nostradamus predicted:
Both World Wars;
submarine attacks;
airplane and space travel
— and named Hitler,
Napoleon and the Government of America!



PETER HURKOS—

the foremost psychic of this century states:
"This book has been well researched."

Mr. Robb, the internationally recognized authority on Nostradamus, reveals . . . The Secret of Prophecy . . . Armageddon! . . . Prophecies of Things to Come . . . Why is there evil? . . . Is there life after death? . . . Many other topics are covered!

Available from Publisher . . . soon to be in major bookstores.

Please send me _____ copies of NOSTRADAMUS AND THE END OF EVILS BEGUN at the price of U.S. \$9.95 plus \$1.00 postage and handling (U.S. Orders), \$3.00 postage and handling (Foreign Orders), payable by Money Order only to PARCA PRINTING & PUBLISHING CO., 1132 E. Chestnut Ave., Santa Ana, CA 92701

Name _____

Address _____

City/State/Zip Code _____

SATISFACTION GUARANTEED

MIRACLE AT FATIMA

In 1917 a stupendous miracle took place that was witnessed by over 70,000 people. It foretold what would happen in the world from 1917 until the present. What really is the cause of war? Discord among nations, peoples everywhere? Why we are having trouble with drugs and crime? Why did we have World War I, World War II and all the conflicts since World War II ended? For booklet answering these questions and the complete story of the tremendous event in 1917, send \$3.00 to FATIMA 1917, P.O. Box 96, Bridgeport, CT 06601.

FACTS YOU WILL NEVER FORGET!

DISCOVER QUARTZ — IT CAN ENHANCE YOUR LIFE!



FASCINATING COLOR **\$1⁰⁰**
BOOKLET - only: **ppd.**

(Refundable) Comes with
extensive Quartz Gem List.

BODOH QUARTZ. #F-Box 565 Academy
Edgerton, WI 53534

THE SECRET OF ASTRAL PROJECTION

Here is a no-nonsense, down to earth (pun unintended!) guide to the highly misunderstood subject of astral projection. It gives what author David Savage claims is an impossible-to-fail method of achieving genuine out-of-body experiences. Astral projection is safe, highly satisfying, and even fun! Book includes:

- HOW TO TRAVEL ANYWHERE OUTSIDE OF YOUR BODY
- HOW TO PROVE TO YOURSELF THAT YOU DO NOT "DIE" at "DEATH"
- HOW TO ASTRAL TRAVEL TO DISCOVER WHAT OTHERS ARE DOING - WITHOUT THEIR KNOWING!

Mr. Savage says that anybody can astral travel - quickly, easily and safely! Apart from the thrill of knowing that you can function without your physical body and be free of its restrictions to go anywhere you wish, you will soon discover the very practical benefits to be experienced, such as influencing other people to do what you want of them; controlling actions of bosses, neighbours, relatives; even compelling a disenchanted lover to return! Send \$7.95 to:

Finbarr International (F), 16 Turketel Rd, Folkestone CT20 2PA, England.

We have shipped worldwide since 1946: You can order with full confidence. Price includes air mail. Send personal check or money order. (Catalogue \$1 extra).

catastrophes just as we do today. But the catastrophes were supposed to be man-made and were different from those that interest us today. For example, doomsayers were predicting imminent global mass starvation; we were worried about the atomic bomb; we wondered if alien invasions were possible.

We have set aside these earlier concerns at least for the moment and worry about catastrophes of a more urgent nature. And they are already here.

If you look at a 1960 map of Russia and compare it with a 1987 map, you will find that the dimensions of the world's fourth largest lake — the Aral Sea — have shrunk by more than a third, from 68,000 square kilometers to 41,000 square kilometers. This was not caused by a climatic catastrophe but by the fact that nearly all of the water of the two main rivers that fed the lake is being channeled off for irrigation. Instead of flowing into the Aral Sea, the water is now diverted to irrigate eight million hectares of land in the Aral Sea Basin.

While the farmers are served, excessive salinity due to the decrease of the water in the lake has killed all 20 species of fish in the lake and destroyed the livelihoods of 60,000 persons. Extremes of climate have become more frequent because the lake no longer provides its moderating influence. These climatic changes have even shortened the

**Madame DAUDET has helped people in FRANCE win money, find love & happiness
"Now to introduce myself to Americans..."**

**I WILL REVEAL TO YOU
YOUR MAGIC NUMBERS
TO WIN THE LOTTERY OR BINGO**

FREE*
and also send you your very own
BIRTHSTONE FREE!"

(Expect GOOD LUCK starting the first day you receive it!)



JANUARY GARNET FEBRUARY AMETHYST MARCH AQUAMARINE APRIL DIAMOND MAY EMERALD



JUNE PEARL JULY RUBY AUGUST PERidot SEPTEMBER SAPPHIRE OCTOBER OPAL NOVEMBER TOPAZ DECEMBER TURQUOISE

MADAME DAUDET HAS helped the people of France win State and National Lotteries... win at Monte Carlo... win at the racetrack.

Her story has appeared in the French versions of our own New York Daily News, New York Post, Star, National Enquirer, USA Today and other publications.

Now, to establish her reputation in America, this extraordinary Numerologist is ready to send you FREE—in a SEALED ENVELOPE—your own personal Magic Number, the one which shines brightest in your astral heaven, plus a complementary number. When properly used, these two Magic Numbers can help you win hundreds and thousands of dollars in every game of chance.

PLUS YOUR BIRTHSTONE FREE*

In addition, she will also send you your very own birthstone FREE! (Be sure to indicate

your birthdate in the coupon). The tradition of the birthstone goes back thousands of years to ancient Egypt, Greece and Rome. Wearing the birthstone—even having it in your possession—has brought GOOD LUCK and protection against harm. It is believed that some members of European royalty to this very day wear (or secretly carry) their birthstones as good luck omens.

Is there any catch to this FREE* offer?

No! Sending for your Magic Numbers and

birthstone does not obligate you in any way. No agent, salesman or representative will call upon you or phone you. There is no "catch" to this free offer. It is a promotion to publicize Madame Daudet's amazing numerological powers to the American people.

Limited-Time Offer. Coupon is Date-Coded

If you really want to WIN big at bingo... in the lottery... at the casino, racetrack, even OTB. If you really want to find love and happiness or even a true friend, do not waste one minute. Go to the coupon right now, fill it out and drop it in the mail.

This offer is for a limited-time only. The coupon is secretly dated. Requests received too late will be subject to refusal.

"Pay me nothing even if you win \$1 million or more!"

Some numerologists expect you to pay them a percentage of your winnings if you win \$1 million in the lottery. I ask not one dollar of your winnings. Whether you win \$10,000, \$100,000, \$1 million or more, YOU keep every dollar. Send me nothing.

God bless you.

Madame Daudet

Your Magic Numbers FREE*

PLUS

Your Birthstone, also FREE*

Madame DAUDET 382 Main Street, Hackensack, N.J. 07601

I have listed my birth date below. Send me my personal Magic Numbers in a SEALED ENVELOPE, plus my very own Birthstone. There is no obligation on my part.

*Although there is no charge for the Magic Numbers or the Birthstone, please enclose \$1 to cover postage and handling

MDB-FT-X

Print Name _____

Address _____

City _____ State _____ Zip _____

Birth Date _____

growing season so as to damage the cotton fields.

Retribution for destroying it is coming from the lake itself. Many of the irrigated crops are now being destroyed by an estimated 43 million tons of salt annually being blown from the dried lake bed over the plants and pastures surrounding the lake. Soviet authorities apparently are ignoring this disaster.



GLOBAL WARNING

WE ARE assured by the science magazines that global warming — so long predicted — is finally underway, with serious consequences. Carbon dioxide, methane and chlorofluocarbons will increase the earth's mean temperature by as much as three degrees C. over the

next century. The outlook for our wildlife seems especially gloomy because most of the species will be unable to migrate northward fast enough to survive. It is not that the animals cannot move; the problem is that the plants and trees they eat and are dependent on will not.

A report on the possible disaster was scheduled to appear this spring. A joint meeting between the Canadian government and the U.S. Environmental Protection Agency to discuss the future was to take place in June.

Already the atmosphere is warming and the polar ice caps are beginning to melt, thus slowly raising the sea levels. They are expected to rise more than three feet in the next century. Wetlands in parts of Chesapeake Bay are disappearing under-

**"if it's New Age. . . you can
find it in the National
New Age Yellow Pages."**

— OMNI

"... a clearinghouse of names and addresses that reads like Merlin's personal phone list." The (Orange County) Register

"... an excellent publication... setting the standard by which others are compared." Mus Montanus

**Over 100 categories from A Course in
Miracles to Zen * Retail & Wholesale *
Fully Indexed * Articles by Ralph Blum,
Uma Silbey, Scott Cunningham and
others on Runes, Crystals, Love Herbs
and more * Money-Saving Coupons *
Glossary * State Directory !**



ISBN 0-943083-08-7

Ask for it at your
local bookstore!

Send \$12.95 plus 2.00 shipping (CA, add .78 sales tax) in check or MO to
NNAYP, P. O. Box 5978-F, Fullerton, CA 92635

THEY'RE HERE!



OBVERSE

© 1988



REVERSE

ACTUAL
SIZE

This long awaited beautiful Golden Bronze Coin Medallion is being offered first and exclusively to readers of FATE Magazine, before sale to coin dealers or the general public. A limited minting for World-wide distribution, assures rarity and should lead to increasing future value. No additional Coin Medallions will ever be struck! Each Coin Medallion is accompanied by a numbered Certificate of Authenticity! The front pictures an Alien as described in hundreds of reported encounters. The back shows a classic Flying Saucer reported in thousands of sightings. (Shown above in Gold plated medallion holder.)

This handsome superbly crafted Golden Bronze Coin Medallion has a rich golden color and a reeded edge, similar to monetary gold coins. It is Golden Bronze throughout, not plated, and will not tarnish under normal usage. It is a wonderful conversation piece for coin collectors and all persons interested in the UFO phenomenon. It is a unique and unusual gift for Birthdays, Christmas or any other gift giving occasion! A custom designed Gold plated medallion holder and 24 inch, triple linked Gold plated chain (shown in part above) is available for neckware.

Carried in your pocket, worn around your neck or displayed in your coin collection, this Golden Bronze Coin Medallion, is sure to bring interest and attention from all who see it! It has a substantial (one ounce) heavy feel and each Coin Medallion comes protected in a clear plastic display pouch. Our discounted price to FATE readers is **\$12.95** per Coin Medallion, **\$24.95** in Gold plated medallion holder and neck chain, plus **\$2.00** per Coin Medallion for FIRST CLASS postage and handling, U.S. and Canada (\$4.00 Foreign). Limited quantity available, order early to avoid disappointment. Make check or money order payable to: THE ALL BRIGHT MINT. Please allow three weeks for delivery. Satisfaction Guaranteed or full refund of purchase price when returned within ten days. Thank you for your order.

☆☆ THE ALL BRIGHT MINT, P.O. Box 11400, Chicago, IL 60611 ☆☆☆

Explore Astrology on a Computer

- Learn the basics with a fun-to-use, \$40 *Astro-Scope* program.
- Master the complexities with superb *Nova* calculation software.
- Pay for your computer selling high-quality character, compatibility, forecast and numerology reports.

Phone 1-800 THE NOVA for free catalogs (phone 617/255-0510 in Mass.).

ASTROLABE

BOX 28, DEPT. 18
ORLEANS, MA 02653



PSYCHIC PRIVATE EYE

New Course teaches YOU psychic detection methods: Police assistance, homicide, missing persons, burglary, kidnapping, crime solving. \$35.90 complete. Certification offered.

ARIES

P.O. Box 29396, Sappington, MO 63126



"Magical Mystery Tour of the new age."

— Don Stone, *Magical Blend Magazine*

Brazilian author Marco Fontoura brings us a fantastic blend of fantasy and fact. Here you encounter three musical beings, enter their spaceship and travel to beyond space and time. You dive into the world of the musical light, where love is music and everyone is an indispensable musical note in the total harmony...

Those who have read the book report increasing extrasensory perception and awakening of latent energies. It's an experience you won't forget.

130 pages, illustrated. Hardcover: \$11.95, paper \$6.95. Postpd. *The Real Chart is waiting to take you away. Order today:*

Rolling House Publications, Dept. F
P.O. Box 3865, Berkeley, CA 94703

water at the rate of more than 100 acres each year. Along the bays of the eastern United States the water is rising about twice as fast as the marshy sediments can accumulate.

Pete Myers, chief scientist of the Audubon Society, fears for the future of birds that migrate from breeding grounds in the north to wintering grounds in Central and South America. A change in migratory timing could be catastrophic for birds whose stopovers are timed to coincide with insect hatches. Michael Oppenheimer, an atmospheric physicist with the Environmental Defense Fund in New York City, warns, "The world is changing too quickly now. Natural systems won't be able to keep up."



THE ADVANCING SEAS

IN ADDITION TO the water added to the oceans by melting glaciers, the expansion of the oceans simply due to becoming warmer introduces a new factor in our calculations. Even small increases in the sea levels can cause significant damage, according to Robert G. Dean of the University of Florida at Gainesville.

A new NRC report states that for every one centimeter rise in sea level, one meter of sandy beach on the outer coast will erode away under the pounding of the waves. In some areas, every 10 centimeters the ocean level rises, the boundary be-

tween salt water and fresh water at the mouths of the river will advance one kilometer into the river and salt water will similarly advance into underground deposits of fresh water. Many studies are needed to determine where sea walls should be built or fortified. Dikes and pumping stations will be necessary.



A MONKEY WRENCH

ANYONE WHO has followed the course of paleontological discoveries over recent decades knows that the last word is never in on anything. Yet we find experts talking and acting as if their own slim discoveries ought to be accepted as holy writ even when based on

scanty evidence. It is not that their conclusions are wrong considering what they know; it's that they don't know enough. The history of the world is long and maybe we'll never know or understand it all.

A new dating technique called thermoluminescence seems about to overthrow present conclusions concerning the antiquity of modern man and Neandertal man and their relationship. The thermoluminescent method of dating has been used on flints heated in what was probably an ancient campfire associated with skeletons of anatomically modern men in an Israeli cave near Nazareth. The skeletons were discovered many years ago and estimated to be between 35,000 and

IT'S TRUE!

"Vernon Howard is probably the clearest writer on these subjects in the English language."—Human Behavior Magazine

SUPER
SPECIAL!



QUALITY
DELUXE
SOFTCOVER

MYSTIC MASTERS SPEAK

This amazing book lists 1360 exciting solutions to personal problems such as stress, loneliness, confusion. All answers come straight from the great teachers of the ages like Plato and Emerson. Let these wise friends show you just what to do and how to do it. Be stronger than what bothers you! A treasury of constant guidance and comfort.

SPECIAL REDUCED PRICE ONLY \$6. SAVE!

Write today to: Regina Netherton,
New Life Fdn., Box 684-JW, Boulder City, NV 89005

QUARTZ CRYSTALS & PYRAMID POWER

Now these powerful tools of the universe are united in the PORTABLE PYRAMID®. Discover how the power of the pyramid combined with highly charged quartz crystals can enhance your life. Learn how the pyramid can increase psychic abilities, achieve easier, deeper meditations, spiritual enlightenment, balance of the physical body and much, much more. Send for a FREE catalog today! Universal Mind Adventures, Box 89191, San Diego, CA 92138

**OPERATE YOUR OWN
VITAMIN DISTRIBUTORSHIP**

Buy direct from factory. Highest quality all NATURAL nutritional products. Guaranteed wholesale savings. Send for Confidential Distributor's Price List, Sales Aid Literature Kit and Catalog. Tremendous potential.

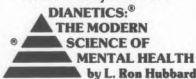
VITAMIN POWER, Box 3037F, Freeport, N.Y. 11520

**AUTHORS WANTED BY
NEW YORK PUBLISHER**

Leading subsidy book publisher seeks manuscripts of all types: fiction, non-fiction, poetry, scholarly and juvenile works, etc. New authors welcomed. Send for free, illustrated 40-page brochure F2 Vantage Press, 516 W. 34 St., New York, N.Y. 10001

**BODY? MIND? SPIRIT?
WHO ARE YOU?**

Find Out! Buy and Read:



Send this order form with your check, money order or MC/VISA # for \$5/copy to:

Hubbard Dianetics Foundation
9510 Page, St. Louis, MO 63132
(314) 427-4977

NAME _____

ADDRESS _____

CITY _____

STATE _____ ZIP CODE _____

MC/VISA _____ EXP. DATE _____

©1988 by HDF. All rights reserved. Dianetics and the Dianetics symbol are trademarks and service marks owned by the Religious Technology Center and are used with its permission.

40,000 years old. But when the new dating method was applied to the accompanying flintstones, it revealed that the campfire burned 92,000 years ago when the heat reset the internal clock of the stones.

If modern man did indeed live 92,000 years ago, the implications are stunning. They are by far the oldest human remains ever discovered. It had been believed that modern man did not appear in the world until 40,000 or 50,000 years later. And it upsets completely what has been believed about the antiquity of Neandertal man and his relationship with early *Homo sapiens*.

**REWRITING HISTORY**

HITHERTO the researchers have believed that even Neandertals did not appear in Europe until about 60,000 years ago and that they had the continent all to themselves from there to the Middle East as the glaciers came down. As the glaciers receded they found themselves sharing the territory with newcomers: Cro-Magnons and similar modern humans. Then, the accepted story goes, the Neandertals being less able and poorer foragers were gradually displaced by the more modern men. But if the thermoluminescent dating is correct, the two species shared the same small territory in Palestine, using similar tools and resources for at least 40,000 years.



LEARN POWERFUL MYSTIC SECRETS

Since 1965, world famous Spiritual Channel and Mystic Adept, William Alexander Oribello has taught thousands of people how to attract more Success, Prosperity & Love into their lives by using practical techniques of the Mystic Masters.

MULTI-DIMENSIONAL MEDITATION

A major breakthrough in Mystic Power Techniques has been achieved! By applying this simple yet effective meditation, revealed for the first time in this unusual monograph, you can work wonders in personal transformation at all levels of your life. Discover the power of using the **ULTRA-SENSORY CIRCLES** (included with your monograph), to awaken inner magnetic forces that help you attract more good fortune, love and well being. Revealed to the author by the Masters of Wisdom, this secret could change your life. Order "Multi-Dimensional Meditation." \$7

COSMIC MYSTERIES UNVEILED

In this unusual book for seekers of truth, Mr. Oribello reveals how you can discover your Higher Self-quickly and easily. Learn about the seven types of humans, the real cause of human suffering, how to achieve total inner freedom from illusion, answers to some of life's most important questions, and more. You will discover thirty six arcane techniques, by which you may achieve

the ultimate realization of your Higher Self. Order "Cosmic Mysteries Unveiled." \$8

A SPECIAL READING FOR YOU
Many have consulted Mr. Oribello for his unique abilities in Sacred Spellwork and Intuitive Guidance. As a special offer to readers of this magazine, Mr. Oribello will prepare a special reading just for you. You will receive **INSIGHTFUL ANSWERS TO 7 OF YOUR MOST IMPORTANT LIFE QUESTIONS•ASTRO-PRAYER INSTRUCTIONS, REVEALING HOW AND WHEN TO PROJECT YOUR INNER DESIRES TO THE UNIVERSAL MIND•YOUR PERSONAL TALISMAN OF COSMIC POWER, WITH INSTRUCTIONS.** To receive your special reading, send birthdate, photo and seven life questions (clearly written). \$25

When ordering desired item(s), mention this magazine and you will receive a surprise gift. Make check or money order payable, and mail to:

William Alexander Oribello
P.O. Box 40083
Philadelphia, PA 19106

FREE CRYSTALS!

We will send you a natural quartz Healing Crystal with instructions and a copy of *The Healer* which contains many interesting articles plus our catalog of high quality crystals, minerals, stones, books, tapes, jewelry, and much more.

Just send \$2.00 for postage & handling. We will include a \$2.00 gift certificate. (Foreign send \$4.00)



Joan's Crystals

Box 1889, Dept F7
Venice, CA 90294

wholesale inquiries invited

BURIED TREASURE



Locate from a LONG DISTANCE!
with Ultra-Sensitive **DIRECTIONAL** Locator
SEND FOR FREE INFORMATIVE BROCHURE

RESEARCH PRODUCTS

BOX 270270-AZ TAMPA, FLORIDA 33688

UFO PHOTOGRAPHS AROUND THE WORLD

Volume 1 AND Volume 2



These FIRST two of SIX Hardcover volumes to be released, feature OVER 200 UFO photographs representing over 90 cases all over the WORLD. With DOZENS of UFO Craft variations, and Hundreds of witnesses, this UFO photographic series represents over 30 years of research and investigation by Ret. Col. Wendelle C. Stevens. YOU will discover what WORLDWIDE phenomena UFO Contacts REALLY are!

For BOTH volumes 1 & 2, Send \$35.00 Postpaid by check or Money Order to:

AMERICA WEST—Dept. FJ
P.O. BOX K, BOULDER, CO 80306

(Allow 4-6 wks. delivery)

Obviously history has to be re-written. The first report we received, based on an article in the prestigious British scientific journal *Nature*, stated that a close evolutionary relationship between modern humans and Neandertals was now "untenable." Chris Stringer, a human-evolution specialist at the British Museum, remarked, "Evolutionary models centered on a direct ancestor-descendent relationship between Neandertals and modern *Homo sapiens* must surely now be discarded."

Stringer apparently reasons that since these "modern" remains pre-date any known Neandertal remains by tens of thousands of years it is obvious that Neandertals could not be their ancestors. He overlooks the possibility that since these bones are 50,000 years older than any previously dated there may also be Neandertal bones somewhere of similar age or older. Time has a way of rewriting history.



A BIT OF CONTROVERSY

YET THE excavations conducted over many years in Shanidar cave in Iran seem to show a succession of human remains beginning with Neandertal man and gradually merging into modern humans. Fred Smith, an anthropologist at the University of Tennessee in Knoxville, says there is evidence for anatomical similarity

between Neandertals and early *Homo sapiens* in central Europe. Milford Wolpoff, of the University of Michigan in Ann Arbor, agrees with Smith. This means they both disagree with Stringer.

Rather than seeing the Israeli dates as evidence that Neandertals and modern humans could not interbreed, Wolpoff says, "This is the first direct evidence that Neandertals could breed with people from other parts of the world." He suggests that Neandertals and early *Homo sapiens* were distinct races that did interbreed and created fully modern man about 40,000 years ago.



IMPORTANCE OF HANDS

WILLY LEY, the famous German expatriate space publicist (and pioneering writer on cryptozoological subjects), now deceased, once wrote an article for *FATE* "proving" that if aliens ever arrived on earth, they would be humanoid. He gave all kinds of reasons for this, including man's upright posture, his



**ARE YOU READY
TO ATTRACT YOUR
TRUE LOVE?**



NEW!
SOULMATE KIT™

You will learn how to: Achieve freedom from your past relationships — Increase your self-esteem — Attract the right relationship. Happiness, love and fulfillment can be yours. Cassettes and workbook, only \$35.00. ORDER NOW!

Check, MC, Visa, Amex, Discover.
Give card no., expir. date, signature.
(Calif. residents add \$2.28 tax.)
PHONE ORDERS: (213) 382-0599

PERCEPTIONS
3610 West 6th, #964
Los Angeles, CA 90020




FREE

Subscribe to exciting new ASTROLOGY/PARA—PSYCHOLOGY NEWSLETTER and get **FREE** Luck Horoscope Forecast. Write: **NEWSLETTER F**, 75 Alto Drive, Oak View, CA 93022.



P.O. BOX 429 • GARBERVILLE, CA 95440-0429 • U.S.A.

PROVIDING RARE RESEARCH MATERIAL SINCE 1945
Write for free catalog of Books, Videos, Music & Devices




Some Have Everything! Some Have Nothing!

Learn to control the mysterious forces that rule your life and make them work for you! Problems? Lonely? Find wealth, love, health, happiness! Amazing results!

FREE exciting information. No obligation

The Society of the Magicians, Dept. FR
Box 46, Cathedral City, Calif. 92234



Flight to Eternity

By Marty Arnold

Are you aware that so-called "death" is the opening of the door to exciting, on-going life? Read **FLIGHT TO ETERNITY** by **MARTY ARNOLD**, a psychic whose communication with the spirit world reveals a view of the wonders and opportunities of life beyond the planet Earth.

Send \$8.95, check or money order to **M.K. Arnold, 1209 Lopezville Road, Socorro, New Mexico 87801**. N.M. residents please add 45¢ tax.

stereoscopic vision, apposed thumbs and manipulative hands, speech apparatus, nakedness which required him to construct shelters and develop clothes, relative defenselessness leading to the development of weapons and tools, and so on.

I have always believed this to be anthropomorphic thinking. As I have pointed out to you before, the varieties of life forms on this earth alone are so staggeringly different that it seems to me the sheerest chance that we evolved the way we did and that we are around at this moment purely by chance. A few million years ago it was a different story and the same may be true a few million years hence. Our period is but a spark in the black abyss of

time and life elsewhere probably represents similar sparks.

I think especially of the raccoons that raid our garbage and bird feeders and live in the ravine behind our home. I like to refer to the appendages at the end of their legs not as feet or paws but as hands. They are hands of great strength and incredibly more sensitive and adept than human hands.

I once had a young raccoon play with my fingers and I am still amazed when I recall how soft and delicate his fingers were as he explored mine, yet how strong and rending we know they can be. And yet raccoons' hands have not advanced them very far up the evolutionary scale. I do not think there is

MOMENT OF TRUTH: A WINDOW ON LIFE AFTER DEATH

The most convincing ... the most moving near-death experience video ever made!

Here is a true-life report of one of the deepest penetrations ever made into the other world of the near-death experience. This 55-minute production presents the astounding personal experience of Jayne Smith, a leading lecturer and TV spokesperson on near-death research. It establishes her credibility and absolute integrity, reveals messages she was given "on the other side" and gives her thoughtful interpretation of what the near-death phenomenon means for our life on earth.

Dr. Kenneth Ring, leading scientific researcher in near-death studies at the University of Connecticut, Department of Psychology, and author of *Life at Death* and *Heading Toward Omega*, says: "MOMENT OF TRUTH is far away the best and most inspirational video document that I have ever seen on the subject and clearly the most carefully crafted."

Send for MOMENT OF TRUTH today!
Specify VHS or Beta

\$39.95

Plus \$4.00 P/H U.S.A., \$6.50 Foreign.

VENTURE BOOKSHOP

P.O. Box 249, Highland Park, IL 60035



SOLVE ALL YOUR PROBLEMS IN 24 HOURS FLAT!

Money, Love, Health, Happiness—What's your toughest problem?
I personally **GUARANTEE** that my amazing discovery can work like a charm for you, too ... **OR YOUR MONEY BACK!**

I want to be honest with you right from the very start. I really can't explain how my **Problem-Solver** discovery miraculously destroyed my headaches so quickly.

But I can tell you this: it **REALLY** works!
Just a few years ago, nothing was going right. I was **BADLY** troubled by one problem after another.

My husband and I needed a pot of money desperately. I was going into the hospital for an operation. My three children were having a tough time at school. I was out of my mind with worry and depressed all the time.

Worse yet, my 80-year-old mother took 1,000 miles away and I didn't even have enough for the plane fare.

As you can imagine, I was a physical and mental wreck. I walked around every single day waiting and praying for something good to happen to me. Something, anything, that would lift me and my family out of this "balk and chain" rut. It was the lowest, deepest point of my life — with NO hope of changing it!

THEN A MIRACLE! THE PROBLEM-SOLVER!

Just as I was about to walk off the deep end, it happened. Suddenly, with absolutely no warning at all, I stumbled upon the **Problem-Solver**. I'll remember that day as long as I live. Like a gift from God, everything started to turn around FAST!

How I discovered it is a secret I promised never to reveal. Not even to my husband or my closest girlfriend. So please don't even try to get it out of me. I won't tell you.

What I can reveal to you now is this: How the **Problem-Solver** started eliminating all my problems, day-by-day. Until every single one of them was gone from my life **FOREVER!**

****INCREDIBLE!** My husband started to make **TWO-SANDS AND THOUSANDS OF DOLLARS** at a clip. For the first time since we were married, we were actually banking money ... and lots of it!

****INCREDIBLE!** My hospital stay was as smooth as silk. Now I feel better than ever and I'm even playing tennis!

****INCREDIBLE!** I got out of my depression. My mother is no longer a problem. To celebrate, my husband and I went to Europe for the best second honeymoon ever!

****INCREDIBLE!** My luck changed! Everything I touched turned to **GOLD**. Even my kids see the **BIG** difference in me.

I'm rich, healthy, lucky and happier than I've been in twenty years. Everything looks great now. I owe everything to my **Problem-Solver** discovery.



IT'S FANTASTIC AND THEN SOME!

Unbelievably, my **Problem-Solver** discovery never quits doing its remarkable job for me. It just keeps on working day-after-lovely-day ... **NONSTOP!**

For instance: 1) My son and his wife gave me the cutest little grandson you've ever seen in your entire life. 2) I've finally found a way to slim down painlessly. 3) My two girls finished school and have excellent paying jobs. 4) The Mercedes I've always wanted was recently delivered right to my front door ... paid in full!

To tell you the truth, I can't believe it myself. Every day something else "GREAT" happens to me. Is my **Problem-Solver** working? You bet your life!

SOLVE ALL YOUR PROBLEMS, TOO!

Would you like to get rid of all your problems just like I did? Would you like to have everything coming your way? Answer: yes ... and I'll send you a replica of my sensational **Problem-Solver** discovery.

I want to send it to you **RIGHT NOW**—so you can have it with you **EVERY SINGLE DAY OF YOUR LIFE—FOREVER!**

That's right! I want you to keep it permanently to help solve **ALL** problems in life—no matter what they are or how many you have.

Just sit back and imagine the thrill when the **Problem-Solver** starts to work for you. Its amazing powers will make you the envy of all your friends and relatives.

I'll be glad to send you the **Problem-Solver** in a privately marked package for just \$5 on my unconditional lifetime money-back guarantee!

As soon as the **Problem-Solver** arrives, try it out on your most pressing problem. Prove to yourself that what I've said is 100% true, or just mail it back to me for a full **GUARANTEED REFUND** anytime.

Don't live another day without the **Problem-Solver**. Order **RIGHT NOW** for prompt shipment. To order:

- 1) Clearly print your name and address on the coupon below.
- 2) Attach your cash, check, or money order payable to Lucky Products Co. for just \$5. (Price includes p & h.)
- 3) Mail to Lucky Products Co., 8 W. 38th St., New York, NY 10018.

GUARANTEED FOR LIFE!

When you receive the **Problem-Solver**, expect to experience **MONEY, LOVE, HEALTH, HAPPINESS**—beyond your wildest dreams! Backed by this lifetime promise:

If you're not thrilled, return it **ANYTIME** you like, even five years from now. Your money will be refunded in **FULL**. No strings attached!

MAIL AT ONCE

Lucky Products Co.
8 West 38th St.
Dept. P-86
New York, NY 10018

RUSH THE PROBLEM-SOLVER!

YES! I enclose just \$5. Rush my **Problem-Solver** right away. It **MUST** work for me or you will return my money **ANYTIME** without quibble or question!

Print Name _____

Address _____

City _____

State _____ To _____

- Please send me THIS. Here's \$5. Same guarantee.
 Here's an extra \$1. Send by **RED DOT** service.

Introducing...

THE INTEGRAL BIOLOGICAL BRACELET



As a superconductor, does the Integral Biological Bracelet, based on its ability to absorb electromagnetic energy, regulate energy in the human body?

Many claim its beneficial effects... **HEADACHES, ARTHRITIS, THE NERVOUS SYSTEM AND MANY OTHER AFFLICTIONS**... too numerous to list. Whatever its mysterious capabilities are, the Integral Biological Bracelet looks and wears like expensive jewelry. **Order yours today in Gold or Silver.**

15" Ladies or 17" Mens \$34.95
Plus \$2.00 for shipping and handling.

J R ENTERPRISES

7131 Owensmouth, Suite 26G
Canoga Park, CA 91303

(Mention this Ad in Fate and receive FREE a matching ring.)

RON WARMOTH'S PREDICTION NEWSLETTER

A psi-dowser's monthly commentary on economic and world events. From the stock market to market place to personal prosperity. Plus how-to section. \$35 yr., \$2 sample. **Box 4037, Los Angeles, CA 90078.**

FIND YOUR PSYCHIC LINK

Discover the intuitive power within you.

ESP DIGEST. Your key to the real world of intuitive psychology from the how-to perspective. Everything you want to know through science, not superstition. Sample copy just \$1 postage and handling.

ESP
digest

ESP DIGEST, Dept. FM
Serenity Summit Estate
P.O. Box 27
Berry Creek, CA 95919-0027

Write
Today!

THEOSOPHY

Free literature. Study courses

MARCHETA HENRY

P.O. Box 5, Weasubleau, MO 65774

CATALOGS AVAILABLE

OF OVER 3000
TITLES OCCULT ON ALL SUBJECTS



HEALING
UFOs • ESP
ASTROLOGY
METAPHYSICS
EASTERN THOUGHT
TAROT • NUMEROLOGY

FOUNTAIN OF LIGHT BOOKSHOP
7877 JEFFERSON HIGHWAY
BATON ROUGE, LA 70809

much chance of their evolving as our successors.

The importance the evolutionists and anthropologists give to hands, I believe, is wrong. For the same reasons I believe that Willy Ley was wrong in reasoning that aliens are likely to resemble us, at least physically.



WISHFUL THINKING

JOHAN BAIRD, a Dartmouth psychologist, has written a book, *The Inner Limits of Outer Space*, in which he argues that the enterprise known as Search for Extraterrestrial Intelligence (SETI) is based on unwarranted assumptions.

Among these are the assumptions (1) that extraterrestrials will provide beacons to welcome newcomers to their radio club; (2) that they will use the radio frequencies we consider logical and (3) that their messages will be modulated in ways we can detect, let alone decipher and understand.

David Brin, commenting on Baird's viewpoint in *New Scientist*, writes, "Baird attributes these and other assumptions to common errors of thinking, the most common of which is wishful thinking. From serious astronomers down to the UFO-faithful, Baird shows us the believers and the critics, each managing to see exactly what they want to see."

But hold on. Baird does not criti-

NO HOGWASH!

Our motto is: RESULTS!

People just like YOU are finding new handles on life and getting happily ahead by applying the universal principles brought in such easy to use form by Al & Rachel Manning through E.S.P. LAB of TEXAS.

Our Super Self-Help Programs feature the Magickal Ministry of Rev. AL G. MANNING, D.D.
In combination with the Marvelous Mediumship of Rachel L. Manning

Al's 14 books are available plus a new one co-authored with Rachel, "PUCK 'EM ALL (We've Got the Magick)." Correspondence courses and self-help tapes, plus magickal supplies and personal services round out a complete program of upliftment and positive progress for YOU. We use a novel approach—it WORKS because it's FUN! Our monthly newsletter will inspire you while keeping you up to date with the latest developments in the psychic world and our own research programs.

Don't wait another day to get your share of the good. Write for your FREE introductory material. Use the convenient coupon below or any scrap of paper, but DO IT NOW!

To: E.S.P. LAB OF TEXAS
Box 216, 219 Southridge Dr.
Edgewood, TX 75117



Please rush my free introductory material to:

Name

Street Address

City..... State..... Zip.....


New Age Ancient Ways, Inc.

(9 Sizes)







The PYTHAGORAH worn as an amulet has brought luck, security and protection to the wearer. Handmade, high-quality sterling silver. Gold prices available upon request.

A. 1/2" Diameter \$19.95	C. 1-1/2" Diameter (9 Sizes)	\$26.95
B. 1-1/4" Diameter \$21.95	D. 2" Diameter \$79.95

MASTER CARD or VISA

Name _____

Address _____ City _____ State _____ Zip _____

MASTER CARD Card Number _____

VISA Expiration Date _____

Send Check or Money Order to
New Age Ancient Ways, Inc.
P.O. Box 9763 / Ft. Lauderdale, FL 33310-9763

Add \$3.00 shipping and handling
Allow 4 to 6 weeks for delivery MONEY BACK GUARANTEED WHOLESALE INQUIRIES ACCEPTED

World's Largest Occult Catalogs
7000 Fascinating curios, books, herbs,
complete supplies, 3 catalogs **\$1.00**
1988 issues TYRAD CO. By airmail **\$2**
BOX 17006-B, MINNEAPOLIS, MN. 55417

YAHWEH

YAHWEH (pronounced Yah-Way) KEY to universal secrets! Send for KINGDOM VOICE magazine and YAHWEH POWER REPORT prophetic newsletter. Over 50 years of uncanny accuracy on world prophecy with Dr. Joseph Jeffers' copyrighted MARCH AHEAD OF TIME. For samples, send \$1 to cover costs, to:

YAHWEH KINGDOM CITY
Box 2078, Sun City, AZ 85372

THE ORIGINAL SCHOOL OF WICCA

Harness Witchcraft's powers. Gavin and Yvonne Frost, world's foremost Witches, teach you.
Box 1502-Y, New Bern, NC 28560

DEATHLESSNESS IS AS NATURAL AS BREATHING!

Because the power of physical life is the Truth of God and because "all things are possible to him who believes," God's Gift of Life in and thru Jesus Christ is available . . . NOW!! This dynamic message of Truth explains it all; e.g. that *the aging process is not attached to time, it is attached to a condition of the mind*, and the human body will age and die as long as *unbelief* continues.

To obtain your copy send \$5.00 money order to cover cost and postage to: **Al Davis,**
P.O.B. N-3736, Nassau, Bahamas

cize the SETI enterprise itself; he contends only that we need to expand our assumptions. He says, "The actual potential of the human mind may be realized only when external conditions demand more, in which case the full story of humanity will not be told until we cope with the altogether unique conditions of interacting with an alien being. . . ."

I suggest for starters that they try the octopus. It is extremely brainy for a mollusk and even has developed binocular vision. At least octopi will give them practice trying to deal with an intelligence as alien as I expect our space visitors will be.



NO BIG DEAL?

IT IS recognized more and more that chicken pox can be a very serious disease. When I was a kid it was thought to be little more than a harmless childhood rash and it was a good idea to have it and get it over with. In children chicken pox rarely causes anything more serious than fever and a rash which causes considerable itching and possibly blisters which leave scars. But chicken pox can be deadly in children whose immune systems are crippled by AIDS or chemotherapy or who have leukemia. Aspirin given to children with chicken pox is also believed to be highly dangerous.

Chicken pox is dangerous to adults. In pregnant women it may

cause spontaneous abortion, or the unborn child sometimes is infected with chicken pox and suffers brain damage.

It is now known that chicken pox is caused by a form of herpes virus and infects its victims for life, hiding in the nerve cells after recovery from the active infection. Later in life, if something happens to weaken the immune system, it can spring into active life and reemerge not as chicken pox but as the painful nerve inflammation called shingles.

Chicken pox remains the last major childhood disease without a vaccine. The Japanese have been testing a vaccine since the early 1970's but the Americans have been slow to use it because they are afraid

it might not give lifelong immunity and also because it might later cause shingles even if it protected children from the actual disease. The Japanese have continued to test it, nevertheless, beginning with children who have leukemia and are undergoing chemotherapy.

The Japanese report the vaccine is safe and it is just beginning to be tested in this country on children with leukemia. Meanwhile, the drug company Merck Sharp & Dohme hopes to receive permission soon to market a chicken-pox vaccine it has developed.

Researchers also are testing the antiviral drug acyclovir to see if it will ease the severity of the disease in children.

FREE!

"Smile to everyone around you. Then, everyone around you will smile back at you."

SEICHO-NO-IE
TRUTH OF LIFE magazine

The SEICHO-NO-IE TRUTH OF LIFE MOVEMENT is a non-denominational movement based on the Truth that all religions emanate from the One Universal God.

Each issue contains features and articles on these important subjects. This magazine is a daily guide to your life through a practice of New Thought philosophy.

Happiness • Prosperity • Health • Better Human Relations

For your **FREE** copy of
Truth of Life magazine
mail this coupon to:

TRUTH OF LIFE CENTER
14527 So. Vermont Ave.
Gardena, Calif. 90247
or phone:
(213) 323-8486 321-4833

Please print clearly

Name _____

Address _____

City _____

State _____ Zip _____

AN EMPIRE TO RIVAL ROME



View looking east to the Cordillera Real shows the once fertile raised fields of Tiwanaku in the Pampa Koani of Bolivia. Fields produced huge harvests estimated to have fed as many as six million people.

From the ruins of ancient Tiwanaku come amazing findings
about a realm of far-flung power and vast wealth.

Part I

By William Mullen

Copyrighted 1987 Chicago Tribune Company,
all rights reserved, used with permission.

ABOUT 400 YEARS ago the first European, probably some Spanish conquistador or missionary priest, laid eyes on the Pampa Koani of Bolivia. History does not record whether that trailblazer lingered long in the cold, bleak, windswept valley on Lake Titicaca's southern edge, but it's not likely that many visitors since then have bothered to spend too much time there. Aside

from a spectacular view of the eastern peaks of the Andean mountain chain, the Cordillera Real, there's not much about the place, at first glance, to recommend it.

The valley today is home to an impoverished farming community of 7000. In the little towns that dot the *pampa*, or plain, you might occasionally see a few local oddities, for example, the llama, alpaca and

vicuna, the New World cousins of the camel that are native to the area. On the lake itself you can watch the villagers fish from the graceful reed boats for which Lake Titicaca is noted. The few visitors who do come here, though, usually go to Tiwanaku, a small market town 10 miles west of Pampa Koani. It is the site of some massive ruins of an ancient culture of the same name, Tiwanaku.

In the 1930's an American archaeologist, Wendell Bennett, came to Tiwanaku to examine its ruins. He also found some related ruins in the Pampa Koani, on a hill in a village called Luqurmata. Archaeologists had long thought of Tiwanaku as a relatively unimportant era in the epic of Andean civiliza-

tion. In most people's minds, it was a loose confederation of minor kingdoms that appeared and then disappeared some 400 years before the rise of the great Inca empire that flourished in the area from 1438 to the mid-1500's. The ruins were thought to be not much more than ceremonial centers that were used only for occasional tribal ritual meetings. Bennett found nothing to alter those assumptions.

But Bennett and all the others who so dismissed the Tiwanaku era were premature in their judgment. In August 1986 Dr. Alan Kolata, a 35-year-old anthropologist from the University of Illinois at Chicago, led an archaeological team to the hill in the village of Luqurmata. The team, a joint Bolivian-American

Alan Kolata (left) and Oswaldo Rivera are the co-directors of the Tiwanaku expedition, a joint American-Bolivian project. Dr. Kolata, 35, is an anthropologist from the University of Illinois at Chicago.



effort, began to dig where Bennett had left off 50 years earlier, and started what they hope will be a major, five-year excavation.

In only three months' time, Kolata's expedition has come up with some extraordinary findings. Not the least among them is irrefutable evidence that the Pampa Koani, now barely able to sustain 7000 impoverished souls, 1500 years ago was a breadbasket area that grew enough to feed and support 125,000 people. The ancient Tiwanaku people must have known how to overcome the problems — floods, droughts, frost, soil exhaustion and salinization from the slightly salty waters of Lake Titicaca — that today bedevil the local farmers.

The pampa here is a broad, flat 40-square-mile basin that for 10 miles follows the Catari River in a southeasterly direction from the lakeshore. It is just one of many such basins surrounding the lake, which, at 13,500 feet above sea level, is the highest navigable body of water in the world. It is the central area of the great Andean *altiplano*, the vast, rolling flatland nestled between the Cordillera Real and the Andean chain's western peaks, the Cordillera Occidental.

At this elevation the extremely thin atmosphere makes life uncomfortable for all but the natives of the area, the Aymara, who are descendants of the Tiwanaku people. They are squat and powerfully built, with

the massive chests and expansive lungs they have developed to cope with the rarefied air. Until Bolivia's agrarian revolution of 1952, the Aymara were virtual serfs to the few descendants of Spanish colonials who had owned much of the valley and operated *haciendas*, large ranches and farms.

Now the Aymara *campesinos*, or peasants, own the land themselves, thanks to the revolution, but they are extremely poor. Each family has a few cattle, pigs and sheep that graze on the undulating fields outside adobe-walled farms. Each farm consists of a few plots for growing potatoes and *quinoa*, a grain plant found only in the altiplano. But the soil is so devoid of nutrients that after three or four years of cultivation, plots must lie fallow for the next 10 or 15 years before they can be planted again.

The result is a classic Third World subsistence-farming way of life. What each family grows, it consumes; very little ever gets sold for extra income. When the family gets too large to live off the land, somebody invariably leaves home and moves to the shantytown sections of the capital city of La Paz, a minimum of three hours by bus east of the valley, to search for work. Usually it is a fruitless search. As the second poorest country, after Haiti, in the Western Hemisphere, Bolivia has few jobs for hungry *campesinos* forced to leave their farms.

Numerous international agencies have sent agricultural engineers to the altiplano to see if anything can be done to improve conditions there. Most have gone away shaking their heads. At that altitude the climate seems too severe and the soil too poor to do much of anything that would make a difference.

But Kolata's expedition is showing that the Pampa Koani is just one Lake Titicaca valley among many that every year for 1000 years produced stupendous harvests, harvests that, he estimates, fed as many as six million people, approximately the entire population of Bolivia today, and allowed surpluses to be stored away for bad years. These fields are proof of something Kolata has long suspected, that far from being a minor period in Andean civilization, Tiwanaku was one of the world's greatest and longest-reigning empires; that the little market town of Tiwanaku was for 1000 years a fabulous imperial capital, the inspiration for the larger and better-known Andean empire of the Incas that came after it.

Specifically, Kolata's expedition is uncovering an immense system of raised fields built and perfected by the Tiwanaku civilization more than 2000 years ago.

The fields were so carefully engineered and constructed that many of them stand intact today. The undulating, precisely laid patterns of the raised fields still course across

the Pampa Koani, creating a curious washboard pattern.

They are immense constructions, three to five feet high, their planting surfaces sometimes as large as 50 feet wide and 600 feet long. Each is a carefully layered structure, beginning with a thick cobblestone base, which is covered with a layer of impermeable clay. Over the clay is a layer of large, coarse gravel and then another layer of finer gravel, and over it all sits the topsoil.

* * *

THE RAISED fields lie parallel to one another, separated by deep irrigation channels running alternately in straight lines and graceful curves. Forming precise geometric patterns, the fields and ditches cover some three-quarters of the 40-square-mile valley. To do it all, the ancient engineers straightened the Catari River and moved it one mile to the east.

The design of the fields is both obviously simple and surprisingly complex. The irrigation ditches provided water in times of drought, and the elevated fields protected crops in times of flooding.

Among the more complex features is the impermeable layer of clay at the base of the fields. Its purpose seems to have been to keep the salty water of nearby Lake Titicaca from seeping up from below ground and into the topsoil. The precise positioning of the fields and ditches also seems to have a

definite purpose: to take maximum advantage of the intense Andean sun. By efficiently exposing the ditches to the sun, the water in them gets enough heat by day to protect the fields from frost damage during altiplano's bitterly cold nights.

The heated water in the irrigation ditches also promoted the heavy growth of algae that nourished the fish that became part of the ancient farmers' diet. The fish, furthermore, attracted a resident population of ducks, which also entered the local diet as both meat and eggs. Duck droppings, decayed algae and fish remains then formed a rich muck that was periodically scraped off the ditch bottoms to serve as an excellent fertilizer for the topsoil.

Whether the ancient, long-forgotten agricultural technology could be successful again is now being discussed in Bolivia as Kolata gears up to reconstruct the system in pilot projects on the Pampa Koani.

A colleague, Clark Erickson of the University of Illinois at Champaign, has already spent three years cultivating raised-field test plots on the Peruvian side of Lake Titicaca with Peruvian agronomist Ignacio Garaycocha. Early results have been more than encouraging. While local conventional farming methods yield two to three metric tons of potatoes per hectare [2½ acres], their test plots of raised fields for the last two years have been yielding 16 metric tons of potatoes per hectare.

These initial results are based on relatively small parcels of land, but the message is an alluring one. Bolivia once was a net exporter of food, but it now must import it, and malnutrition is becoming a severe problem among its poor. Its treasury, however, is nearly bankrupt, and it cannot afford to buy the expensive western technology needed to upgrade its food production.

But if the ancient Tiwanakans could grow what they needed to eat, and more, using these same fields and without the benefit of tractors, motorized water pumps and chemical fertilizers, why couldn't it be done again today? The idea sounds both absurd and appealing. A technology invented in antiquity and used profitably for hundreds of years is forgotten before its inventors could develop the written word and thus preserve it for posterity. Now, with the aid of 20th Century technology, the forgotten knowledge is rediscovered and across a gap of more than 1000 years is holding a bright promise for an impoverished land.

Alan Kolata certainly likes the idea.

"It's called applied archaeology," he says. "It's discovering information that is not just fascinating in a scholarly way but has the possibility of being used for the good of people today. This is a case where you really can learn from the past."

The people modern scientists are

learning from once had an empire that included nearly half of Bolivia, southern portions of Peru, the northwest section of Argentina and nearly half of Chile. It was an empire established on the abundant produce of its agricultural systems. The surplus crops gave Tiwanaku the luxury of time and inclination to raise armies that began conquering the Andes before Jesus was born.

It was an empire that continued to grow until some time after A.D. 1000, establishing great agricultural colonies patterned after its own fields throughout the Andes. Its armies reigned supreme over people of many cultures and tongues. Its engineers built a vast system of paved highways over mountains and through deserts and jungles.

The highways enabled Tiwanaku to maintain a constant flow of goods throughout the empire. Royal bureaucrats traveled the highways along with the imperial armies and the endless chains of llama caravans. These bureaucrats kept tabs on far-flung imperial outposts, spreading Tiwanaku's considerable technology and an artistry that was unsurpassed by any other pre-Columbian Andean culture and even by the Incas.

And as with ancient Rome, all the highways eventually led to one place, to Tiwanaku, today a shabby little town but once the mighty imperial capital, lying in a valley a few miles south of Lake Titicaca.

Someone visiting the capital city 1500 years ago would have come to it by one of many paved highways over the mountains. Before descending into Tiwanaku's valley, he would have stopped to admire what lay before him, a city shimmering in the bright Andean sunlight, for much of it was covered with gold.

The Tiwanaku skyline was dominated by imposing pyramids, temples and palaces. The two largest, the Kalasasaya temple and the Akapana pyramid, ran some 600 feet long on each side and rose to more than 50 feet in height. They were constructed of huge granitelike stones called andesite, some weighing more than 160 tons, that were ferried to the city on reed boats from quarries across the lake.

Much of the exteriors of the city's grand stone buildings was covered with intricately carved friezes and bas-relief adornments. The finely carved surfaces, however, were not left bare but were covered with thin plates of gold that were formed to follow the contours of the carvings underneath. Portions of buildings not covered with gold were painted in varying hues of blue, red, gold and black. The effect was to give the imperial city a sheen of dazzling opulence.

THE MOST striking physical characteristic of the 50,000 Tiwanakans who inhabited the city was the shape of their heads. Both

the elite and the commoners of Tiwanaku practiced a form of skull-shaping on their children that was popular in many Andean cultures. Shortly after the birth of a baby, its head was clamped between two boards to force the soft skull to assume a pointed shape.

The boards remained on the child's head until about the age of five, by which time the pointed shape was permanent, leaving him with no brow and a forehead that sloped back dramatically from the eyebrows to a point at the back of the skull. This pointed head was regarded as a mark of cultural distinction.

On the city's broad avenues the people would have been dressed in the finest of clothing and jewelry available in the realm, as anyone would in a thriving capital.

"Costume and jewelry were immensely important in the culture," Kolata says. "We know they possessed combs, pins and mirrors made of polished metal, so we know appearance and beauty were important."

The men wore tunics over short pants cut just below the knee. Head coverings were indicators of position and status. The supreme rulers wore golden diadems that complemented chest pieces inlaid with turquoise. The more important people under the supreme rulers wore colorful tightly woven four-cornered caps; those next to them in

status, elaborate textile turbans.

Soldiers sported headdresses made of puma skins, the cat's head protruding from the front and the tail hanging from behind. As tokens of their ferocity and triumphs in war, the warriors collected the heads of the enemies they had killed in battle and wore them as trophies strung from belts around their waists.

For jewelry the men had rings, bracelets, armbands, anklets and necklaces of copper, bronze, silver and gold. Those from the high ranks of Tiwanaku society set themselves off from the lower classes by wearing decorative plugs of turquoise, seashell, wood or gold set tightly in holes in their ears and lower lips.

The women were less flamboyant, wearing simple wraparound tunics held together with decorative metal pins. Upper-class women also wore beaded cowl necklaces.

The Tiwanaku way of life as practiced in the imperial city set the pattern of nearly every Andean culture that came after it until the coming of Europeans.

"Tiwanaku was a seminal force in Andean culture," Kolata says. "Because they didn't have a written language to record it, we'll never know all the precise details of Tiwanaku life. But we know that the Incas modeled themselves specifically after Tiwanaku, and luckily, we know a good deal about the Incas. Because of that, we can take

what we know archaeologically from Tiwanaku and make some pretty good guesses about how they lived."

By extrapolating from what is known about the Incas, archaeologists have, in fact, pieced together a fairly detailed picture of life in the Tiwanaku empire. In the capital city 1500 years ago everything would have revolved around the comings and goings of the supreme emperor-priest of Tiwanaku. In the politics of the empire there was no separation of church and state. The emperor was both leader and god. He and members of his family, who were also revered as godlike mortals, conducted both the affairs of state and the culture's most sacred religious rituals.

The holiest precinct of the city was the Kalasasaya temple, the burial place of Tiwanaku's ruling elite. Their palace, Putani, stretching 300 feet on each side, lay directly behind Kalasasaya.

The noblemen-priests inherited their positions and were raised from birth to lead their people in both spiritual and temporal matters. As adults they took as wives the daughters of families of equally high status, perhaps even marrying their own sisters, as the Inca emperors later did.

The imperial city was filled with the most skilled artisans of the realm, sculptors, jewelers, weavers and potters. The elite patronized

the artisans, lavishing their wealth on them and urging them to further develop their skills and produce the finest examples of their crafts.

Life for the lords of Tiwanaku was lived on a voluptuous scale. They were absolute rulers with absolute powers over all they surveyed, with the power to possess whatever or whomever they desired.

Royal retainers were sent out periodically throughout the realm to look for children of exceptional promise and beauty from the families of both the minor elite and the commoners alike. Those selected were taken from their homes and moved into the palaces of the rich to be sequestered and tutored in the finer things of Tiwanaku life.

Some of the girls worked in the temples, attending to the noble holy women. Some were assigned to entertain the men of the royal households as honored concubines. The most favored, as the evidence seems to suggest, remained virgins, watched over and schooled for their roles in the most important religious rites of the realm. In these rites, held only on special occasions, such as times of bad harvest or of war, these girls served as human sacrifices to propitiate or seek favors from the Tiwanaku deities. As for the boys, their destiny was to be castrated and trained to be palace servants and chamberlains watching over the household's royal women, priestesses and concubines.

LIFE IN THE royal household was sumptuous. Floors were covered with colored stone mosaics. Lamps burning oil from llama fat illuminated a central patio at night. Sculptures of pumas, condors and other important imperial symbols were arrayed along the patio's perimeter. On the walls were finely woven tapestries.

Much of the royal household's time was taken up with the observance of religious ceremonies in which extremely powerful hallucinogenic drugs seem to have played an integral part. The drugs were imported from the low-lying desert regions of the ocean coasts. *Willka*, a red hallucinogenic seed, was snorted as a powder from finely carved snuff trays, and mescaline was used in mind-altering drinks.

Even more powerful drugs, such as one extracted from the *ayahuasca* vine that produces violent behavior and visual hallucinations, were administered through syringes as an enema.

All the great temples of the city were ornamented with an array of elaborately carved sacred monoliths that ranged in height from five feet to more than 20 feet, depicting idols in stylized human form. They were positioned apparently to remind the priests of the passage of important ritual days. One, the Bennett Stele [Wendell Bennett found it in the Kalasasaya temple area in the 1930's], bears complex markings

that have been deciphered as a solar and lunar calendar more accurate than our own.

The calendar was extremely important as an agricultural guide, indicating when orders to plant the fields should go out through the realm. It also kept track of the religious rituals, including animal and human sacrifices, that had to be observed with the coming of the planting season.

On such occasions members of the nobility would gather in the imperial city from all over the empire. It was a time of great celebration, the avenues leading to the temple and the lanes running through the adobe houses of the commoners awash with people getting drunk on beer made from corn. At the temple precincts the crowds would gather, as the young virgins, following the rites in which they had been so carefully trained, were offered as human sacrifices to Tiwanaku's gods.

The most important object in the Kalasasaya, however, was the Gateway of the Sun, a massive, carved portal hewn from a single block of stone 10 feet high, 11 feet wide and weighing 10 tons. The focal point of the gateway is a human figure wearing a tunic and holding two scepters topped with condor heads. The figure, found in every part of the Andes where the empire became dominant, is thought to represent the principal deity of Tiwanaku.

In front of the Kalasasaya is a large sunken courtyard that 1500 years ago was filled with the sacred monolithic stone icons of the kingdoms Tiwanaku had conquered. They were put there for all to see that Tiwanaku's gods were more powerful than any others'. Besides the captured icons, the royal families of the conquered kingdoms were also brought to Tiwanaku, held hostage there as insurance against rebellion.

Conquest was in itself a form of insurance, giving Tiwanaku access to plentiful and regular supplies of those foods that could not be grown in the unhelpfully thin atmosphere of the altiplano. It also assured them of minerals, such as gold and silver, and medicinal and psychedelic drugs.

The job of conquest, of course, fell to the imperial army, whose soldiers were armed with star-headed war clubs made of polished stone, bows, and arrows, slingshots and spears. They armored themselves with thickly quilted tunics and carried circular and square shields constructed of wickerwork, leather and cotton batting.

"It is apparent from the evidence we have," Kolata says, "that the armies of Tiwanaku were pretty ferocious when they decided to do battle. They were organized, tough and certainly had no qualms about beheading anybody who opposed them. Ritual trophy head-taking is

a very important component of Tiwanaku art."

The style of Tiwanaku conquest, Kolata says, was probably similar to that of the later Incas. A conquering army essentially was a siege army. Supplied from the homefront by a secured route of llama caravans, it surrounded an enemy town, waited until the town began to starve, then moved in for the concluding battle.

Each time a kingdom or territory was conquered, masses of Tiwanakans — from 2000 to 5000 strong — were dispatched by the imperial city to establish administrative enclaves. At the extreme edges of the empire, traders and soldiers in groups of 50 or so established frontier posts to look after Tiwanaku interests and deal with primitive nomadic and seminomadic tribes.

Among the many administrative problems faced by the supreme emperor-priest were the maintenance and protection of the empire's far-flung outposts. Taxes had to be levied, armies maintained, communication kept open with distant administrators. Most paramount, Tiwanaku wanted access to the produce from the vast, raised-field agricultural operations it established in its colonies.

Llama caravans provided transportation, and the government kept herds of up to 50,000 llamas in various locations around the altiplano. A single caravan could in-

clude 500 or more of the animals. The highways were made secure by the military, and local communities along the routes were under orders to maintain well-stocked posthouses to feed and provision the animals and traders.

For 1000 years llama caravans entered and left the imperial city in a continuous stream. Caravans from Chile and Peru brought dried seafood, corn, hot peppers, coca, copper, tin, precious stones and gold dust and ingots. From the jungles of Bolivia came corn, coca, tropical fruits, wood and more exotic items such as wild monkeys, colorful bird feathers used in clothing design, and the much-valued hallucinogens. Outbound caravans carried local food products, particularly potatoes and quinoa, and such manufactured goods as pottery, textiles and jewelry.

BUT THE imperial city's most important export to the hinterlands, says Kolata, had to be its agricultural knowledge. All the other accomplishments of the Tiwanaku culture, he says, including its trade route, architecture, artistry and even its city of gold, pale in comparison to its fields.

"These fields are the great monuments to their culture," Kolata says. "The hundreds of years of empirical science that went into perfecting them, the sheer amount of labor it took to move the stones,

clay and earth to build them, the staggering amount of production that came out of them — all was without parallel in antiquity."

The first raised fields were discovered in Bolivia in 1961 by William Denevan, a University of Wisconsin geologist, who found them in a tropical lowland area far to the east of Lake Titicaca. Since that first discovery, similar fields have been under archaeological investigation in Mexico, Guatemala, Belize, Colombia, Venezuela and even as far north as Wisconsin and Michigan in North America.

Until work began in 1986, however, little archaeological investigation had been done on the fields in Bolivia. The Bolivian government for 50 years had banned foreign scientists from its archaeological ruins because early in the century archaeologists had stolen a number of irreplaceable cultural artifacts for American and European museums.

The ban began to break down after Kolata, a native of Milwaukee, first came to Bolivia in 1978 after receiving his doctorate degree in anthropology at Harvard University. Intrigued by the raised fields in the Titicaca area, he was granted permission in 1979 to do some partial excavations on the fields in the Pampa Koani. Working with Oswaldo Rivera, a young archaeologist from Bolivia's National Institute of Archaeology, he set out to

prove that the fields had been constructed by the Tiwanaku people.

The sheer immensity of the Pampa Koani field constructions piqued Kolata's interest in the Tiwanakans. Even by modern, industrialized standards, transporting the rocks, clay and topsoil for an area the size of the Pampa Koani would be a major undertaking. To have built the fields without benefit of wheeled vehicles or draft animals larger than the relatively delicate llama indicated an extraordinarily organized and highly developed culture.

Kolata then came to Chicago to work with the Field Museum of Natural History, but he continued to travel to Bolivia to investigate the raised-field systems. Until then he had only limited approval from the Bolivian government to do his work. But then two disasters hit the altiplano and made Bolivian officials pay closer attention to Kolata's work.

The first was a two-year drought in 1982-83 that all but destroyed the altiplano crops — except those in the Pampa Koani, where the ancient irrigation ditches continued to provide water. The second was a flood in 1985, when Lake Titicaca, rising to its highest recorded levels since the mid-1800s, inundated the surrounding farmland and ruined crops for two years — except, again, in the Pampa Koani, where much of the planting surfaces of the ancient

raised fields remained dry.

Support for Kolata's work began to grow rapidly both in Bolivia and in the United States. Earlier in 1986, shortly after Kolata accepted a teaching position at the University of Illinois at Chicago, the Bolivian government gave him a five-year license to conduct major excavations on Tiwanaku sites. He is the first foreigner to do unrestricted excavations in Bolivia since Bennett 50 years ago. In the U.S. Kolata received \$330,000 in grants from the National Science Foundation and the National Endowment for the Humanities to underwrite the first three years of his Bolivian work.

"Though we may never succeed," Kolata says, "one of the first things we have tried to do is find out why the fields, after being cultivated for at least 1000 years, were suddenly abandoned. If Lake Titicaca was smaller in those days, or if there was a sudden shift in climate in the area from a milder weather to the harsh conditions that prevail today, that would explain a lot. It would also make the attempt to restart the fields useless."

One way to arrive at what the lake and climate conditions were 2000 years ago at Luqurmata is to study the bottom of Lake Titicaca. On that lake bottom are the layers of sediment that have been washed year after year through the centuries from the Pampa Koani. Analyzing these layers would reveal the size of

the lake, and the weather patterns that prevailed in the region year by year in much the same way that an old tree's history is revealed by a reading of the rings in its trunk.

Those who "read" layers of sediment are called "limnologists," experts in the specialized science that studies the dynamics of freshwater environments. At the start of his current expedition Kolata was joined by two such scientists — Michael Binford from Harvard University's Graduate School of Design and Mark Brenner of the University of Florida — who spent several weeks taking core samples from Lake Titicaca's bottom.

The two limnologists are now back in the U.S. analyzing these samples in an attempt to trace the area's historical weather patterns. And by examining fossilized pollen and microorganisms that had been washed from the fields during the years that they were cultivated by the Tiwanakans, they hope to discover, year by year, both the soil conditions of the fields and the types of crops grown in them.

The data sought by the limnologists should dovetail with the investigations of another scientist assisting Kolata in his project, hydrologist Charles Ortloff, who is an expert in fluid mechanics and heat transfer. In the arcane world of scientific specialization, Ortloff's primary job has been designing nonmetallic military hardware. He

has worked, for instance, on the creation of the Bradley Military Vehicle from composite materials such as plastic, graphite and glass — materials that could enable the military vehicle to avoid enemy electronic detection. But to Ortloff, archaeology is a passionate hobby, and his employer, FMC Corp., a Chicago-based defense contractor and agricultural chemical manufacturer, has supported his work in Bolivia.

Odd as it may seem, Ortloff's skills are proving invaluable in reviving the forgotten field system. After studying its design and mechanics in Luqurmata the summer of 1986, he has re-created a portion of the system in a computer model in the U.S.

"Actually, the field system is an ingenious way to store heat," Ortloff says. "One of the problems that must have plagued [the Tiwanakans] then that remains a problem today is the extremely cool nights, when temperatures can plunge to 20 degrees Fahrenheit. That means frost damage to crops."

* * *

WITH THE raised-field system, he says, the soil in the elevated growing areas was saturated with water to the level of the water in the irrigation ditches alongside them. Apparently by design, the fields and ditches were so positioned that the water, especially in the ditches, absorbed the maximum amount of

heat from the sun during the day. The heat from the ditch water then served to warm the saturated soil.

"You want that to happen," Ortloff says. "Say you are planting potatoes. If the field system can keep the soil warm during a freezing spell at night, you are allowing the crop to survive a little longer. The computer model is showing us another valuable heat transfer as well [in addition to a direct transfer of heat to the soil]. On an extremely cold night, say 20 degrees Fahrenheit, the groundwater might maintain a temperature of 50 degrees. We can see the heat from the [ditch] water actually radiating up and across the field surface, keeping things warmer a little bit longer than expected."

As a modern-day scientist, Ortloff is clearly impressed by the science practiced in Tiwanaku times.

"These boys really knew how to control and manipulate groundwater," he says. "They seemed to understand there is a lot of water present underground at two to three feet. They knew how to tap into it and plant accordingly. It represents an understanding of food mechanics that, in Europe during the same time period, just wasn't there."

"It is just amazing how people that long ago could find the most perfectly appropriate agricultural solutions to fit the difficult ecologies they lived in. When you speak of antiquity, you won't find anything

so well-organized as you find in South America, where function was tailored to specific problems. The way these fields functioned for hundreds of years, it is a great success story."

The best way, obviously, to see if the raised-field system can work again today is to begin planting those fields again. Kolata spent much of his time this year trying to convince local campesinos to lend him land for the experiment. The sight of the foreign scientists going around Luqurmata digging "useless holes" has given the natives cause for both amusement and suspicion.

That the mounds of now-barren earth in their pasturelands were built by their distant ancestors means nothing to them for the moment. But by showing them pictures of similar fields made verdant by Clark Erickson's work in Peru, Kolata has slowly begun to pique their interest. Early in October 1986, a two-hectare section of the field was planted near Luqurmata.

"I have a progression in mind," Kolata says. "I've started this year with two hectares in one community. Next year I want to do it in three communities, planting five hectares in each. But I'm hoping to convince some development agencies eventually to step in and help us enlarge it. If we can get some grants to get this thing running, I hope to get hundreds of hectares under production within a few years."

"The beauty of it is that it's possible to do the reclamation without using heavy equipment or expensive chemical inputs. It can be done on the basis of community development, using hand tools and local labor."

The chance of improving the nation's agricultural production through a technology operated with cheap local labor and tools is hard to ignore in Bolivia. The country

imports 50 percent of its food and is totally dependent on imported fertilizers, herbicides, insecticides and implements. Its most important export — discounting cocaine smuggling — is tin, but when world tin prices collapsed, 18,000 tin miners were laid off permanently and joined a national workforce that is 20 percent unemployed and 50 percent underemployed.

This is Part I of a two-part article.



WHO KNOWS WHAT HIDDEN MYSTERIES LURK?

By George W. Earley

ONE OF THE enduring myths of modern times is that museums and governments have tucked away in dusty storehouses "things" that mere citizens are not meant to see. We saw that myth brought to reel life when in the movie *Raiders of the Lost Ark* we watched the crate containing the Ark being stashed away in a huge warehouse filled with hundreds of similar crates.

Every now and then something happens to make you wonder if there might just not be some truth to that myth. It happened recently in California where officials at the county's Museum of Natural History in Los Angeles discovered a sea serpent in their basement.

Well, it wasn't exactly a sea serpent but the fossilized remains

of a mosasaur, a sea-going saurian big enough to eat three-foot long fish in a single gulp. And how did the museum get it?

A professional fossil hunter named Marion Bonner found it in Logan County, Kansas, and turned it over to the museum in 1967. Today, although museum officials are calling Bonner's fossil "the best in the world," no one seems to know how the 85 million-year old fossil — which is so well preserved that it still has not only its skin and scales, but the fossilized remains of one of those big fish in its stomach — wound up, dusty and forgotten in the basement of the building for 20 years.

You wonder what else might be in some of those other dusty storehouses, don't you?

Nine-Year-Old Ghost

I screamed as the ghost of the little boy appeared in an explosion of light, his right hand extended toward me. . . .

By Christina Ferchalk

THE HOUSE ON High Street has long been a part of the small, busy community that lay deep in the heartland of Pennsylvania. Over the years it has been home to many different people and is now home to a special family — a family not created by blood or marriage, but by the fact that its members were all mentally handicapped. Another aspect of the house that sets it apart from the rest is that it's home to someone unseen.

I began working in the house as a staff worker or counselor in September 1982. The other two members of the staff, Jeanne and Barbara, had been working there since the home had been converted to a group home for the mentally retarded several months earlier. Our job was to care for and train the three ladies who lived in the home. The semi live-in position required that we take turns providing round-the-clock supervision.

On my initial shift Jeanne took me through the house. On the first floor were a large entrance hall,

dining room, living room, laundry room, kitchen and bath. The second floor boasted a second bath and four bedrooms. The clients each had their own room. The fourth and smallest bedroom was for the staff. Part of our responsibility included staying overnight two to three nights each week.

Even before I walked into the staff bedroom I could feel the obvious drop in temperature. As soon as I stepped into the room, I felt a mild vertigo. As I leaned against the wall to steady myself, the room seemed to be misted in a thin smoky haze. My chest felt tight and I felt a strong desire to weep. I hastily stepped out of the room and just as quickly the sensations faded. If Jeanne noticed anything strange about my behavior, she didn't mention it and neither did I. I didn't want to start my new job with a reputation for being unstable. Besides I didn't understand what had happened to me in that room and still don't.

Jeanne left at 5:30 P.M. I spent

the rest of the evening getting to know my clients. After they had gone to bed, I braved another trip to the staff room. The cold was still there but the mist was gone. I no longer felt dizzy or ill, but as I stood alone in the sparsely furnished room I felt a strong sensation that I was definitely not alone.

I avoided the staff room whenever possible. On the nights I stayed over I slept on the couch. It was late November before I found out that Jeanne and Barbara were also leery of the staff room and slept on the couch. Jeanne told me that although she had never seen anything, she had felt something unnatural in the room from her first day. Barbara said that she was sure the room had a presence, but felt that it had no evil intentions. We decided to keep our feelings about the staff room to ourselves. Our group home was one of many operated by a conservative agency. We were expected to maintain our professionalism. Relating our story to the agency would put us in a bad light as well as create undue sensationalism.

In April 1983 I decided to sleep in the staff room since I was pregnant and my back ached from the lumpy couch. It would be one of the longest and strangest nights of my life. I left the light on and had no trouble falling asleep, but awoke a short time later. I knew I'd had a whopper of a nightmare but couldn't remember what it had been about. As I lay

in bed trying to collect myself, I heard a loud thump coming from the direction of the basement. Then the light began to flicker. I remembered that this was what had happened in my dream, but I still couldn't recall what had happened next.

The light went out leaving me in darkness, but only for a moment. The room was lit with a dim fluorescence. Once again I saw the mist as I had on my first day. It gathered in the far corner of the room and began moving toward me. I tried to scream but my throat was constricted with fear. The mist was inches from my face when I awoke. I realized that the entire episode, including waking up the first time, had all been part of the same dream.

I went downstairs to make myself a cup of tea. While I waited for the water to boil, I turned on the TV hoping for a comedy. Instead the late movie was *Sybil, Part II*. As I poured the boiling water over the teabag in my cup, I sensed someone standing behind me. I turned around, fully expecting to find one of my clients investigating my midnight wanderings. Instead I saw an explosion of light in the kitchen doorway. As the light faded, the outline of a small person remained, his right hand extended toward me. This time I was able to scream. My teacup went flying, its contents scalding my own right hand. I could still feel the pain of the burn as once

again I awoke in the staff room.

This scene was repeated over and over again throughout the night. Each time I would think I was awake, the explosion of light would erupt, I'd scream and then I'd wake up. At one point I walked through the living room, picking up pillows and magazines trying to prove to myself that I was in fact awake. When the apparition appeared, I begged it to leave me in peace. I had already had two miscarriages and two premature births. I was terrified of the effect this trauma was having on my body.

In the morning I awoke in the staff room. The horrible night was finally over. I went into the bathroom to wash. It wasn't until the water ran across my hands that I realized my right hand had a first degree burn. I was the first person to go downstairs. The TV was on, my teacup lay on the kitchen floor, and dried tea was splashed across the floor and up the front of the sink.

That day I gave serious thought to resigning. But I was living in a depressed area, jobs were hard to come by and my husband was unemployed. With another child on the way I felt I had no alternative. I dismissed the previous night as a terrible nightmare. Later that day I checked the program listing for the previous night. Our local station had shown *Sybil, Part II*. I wasn't surprised.

AT THE END of the summer I gave birth to a healthy, full-term baby girl. My substitute during my leave was only too happy to have me return. She said that even being in the vicinity of the staff room made her hair stand on end. Jeanne had been transferred to another home and had been replaced by Beth who stayed just a short time. Although her leaving had nothing to do with the staff room, Beth had often remarked that being in the room filled her with such sadness that she'd feel an overwhelming urge to cry.

Neither Barbara nor I talked to other people about the staff room, but still the word was getting around. Substitute staff who filled in for us during illnesses or vacations often asked if the house was haunted. Invariably when their shifts were over they would tell us they saw vapors and heard footsteps. Often their incidents were ones that Barbara and I had also experienced, but the house was gaining such notoriety for such phenomena that we automatically dismissed all of their tales.

In the spring of 1984 a no-nonsense young woman came to work with us. Marijo told us in no uncertain terms that she had heard the stories about the house and wasn't buying any of them. Six months later she told me that she had come to the conclusion that something about the house was off-kilter.

Our pragmatic Marijo, who could sleep comfortably in the staff room, was the victim of inexplicable practical jokes. Her personal belongings were moved from room to room. A lipstick from her well-organized makeup kit would appear on top of the TV set. An article of clothing would disappear from her suitcase and show up inside the refrigerator. At first she assumed that one of the clients must be the culprit although our clients' personalities would make it highly unlikely.

One afternoon she was doing some odd jobs around the house while the clients were away. She was hanging a picture in a client's bedroom when the phone across the hall began to ring. When she returned after answering the phone, the tool box she had left sitting on the client's bed was gone. The tool box was a huge green monstrosity easily weighing 15 pounds. Later that day she found it under a bed in a bedroom at the other end of the house; she had not been in that part of the house that day.

A WEEK BEFORE Christmas that year Barbara was in an accident that left her in so much pain that she was never able to return to work. In January 1985 Marijo was also in an accident that nearly cost her the use of her hand. While she was recovering, she accepted another job and never returned to the group home.

We must have had a black cloud hanging over our home because in February I also was in an accident. At work alone with my clients, I fell backwards down the basement steps hitting my head on the cement floor. I was stunned and possibly knocked unconscious for a while. Eventually I was able to make it to my feet and back to the first floor.

My clients had heard me fall and were in a state of extreme agitation. One client, Arlene (pseudonym), knew how to use a telephone and had tried to call for help, but was so upset that she couldn't complete the call. I found her in the kitchen with the phone in her lap crying as though her heart were broken. The other two clients were huddled in a corner in the living room with their arms around each other crying uncontrollably.

My clients and I had formed a strong bond of friendship over the years, so not knowing what else to do, they cried for me. I was disoriented from the fall, but I went to the clients trying to calm and comfort them. As I passed the staircase that led to the second floor, I noticed a little boy sitting on the steps. He, too, was crying.

"Don't cry, honey," I said. "I'm all right, everything is okay now." At that time, in my pain and obvious confusion, I saw nothing unusual about speaking to a child who shouldn't have been there.

I was admitted to the hospital

with a concussion and multiple concussions. According to my husband the fall down the stairs had scrambled my brain. I couldn't recall my address or job title; yet when the nurse asked me if I knew the date I answered correctly that it was Monday, February 4, my younger sister's birthday. With great clarity I could recall her sixth birthday party which had taken place in 1958.

Days later I remembered seeing the little boy on the staircase. I knew why I had accepted his being there. Like my clients he was mentally retarded. From his facial features I could tell that he had Down's syndrome; in less enlightened times he would have been referred to as a mongoloid. I put the vision of the boy in the same category as the birthday party flashback. I had been reacting to the concussion.

About a month after I returned to work Arlene asked me if I knew who the boy was who had been sitting on the stairs the night of my accident. She claimed she had often seen him looking out of the staff room window while she was in the backyard, but that night was the only time she had seen him while she was inside the house. I was flabbergasted by Arlene's revelation, but instead of being upset I was relieved. I knew from the beginning that something supernatural coexisted with us in the house. Its presence was the downside of my employment there. My fear was

now replaced by compassion. I had nothing to fear from that sad little boy.

I never saw him again but once I thought I felt him touch me. It was on a Sunday afternoon in April 1986. I was taking a coffee break in the staff room, which I no longer avoided, but never slept in. That day I was working on a Mother's Day poem I was writing. The sentimental words of the verses brought tears to my eyes. By the time I finished the poem I was crying in earnest. I felt a gentle touch on my upper arm. My initial reaction was fear. I froze but only for an instant. I remembered that the child was upset by the sound of crying. I dried my eyes and left the room.

IN SEPTEMBER of that year I was at a workshop with a large group of counselors. A man who worked at a home near mine told me he knew who it was that haunted our staff room. A previous owner told him that a nine-year-old boy who had lived in the house had choked to death there. The boy had been retarded with Down's syndrome and the staff room had been his bedroom. I had told no one including members of my own family about seeing the boy that night. I was never able to verify information about previous owners of the house or about the boy.

April 1, 1987, was my last day of work. My husband was established

in a decent job, and I willingly retired to be with my family. On the morning of my last shift I was upstairs doing some housework when I heard the sound of glass shattering. I thought a picture window downstairs had blown out. I could find nothing broken anywhere in the house. The sound of glass breaking was repeated three times that day; yet nothing was ever found to be broken. I never had to stop to

open a door that day. Each time I approached a closed door it would swing open on its own. My clients thought I was doing a magic trick for them and would applaud.

My shift ended at 4:00 P.M. I went to the staff room one last time. I really thought I'd see him again, but it wasn't meant to be. "I came to say good-bye," I said to the empty room, "but I won't cry. I know how you hate the sound of tears."



ICE FROM THE SKY

By A.B. Turner

THE FRENCH ACADEMY of Science once expelled a member for reporting the details of a stone that fell from the sky. All learned Frenchmen knew there were no stones in the sky. Therefore the member had to be lying.

We now know the stones that fall from heaven are meteors. We may also have a logical, natural explanation for how ice could fall from the sky.

Dr. Louis Frank, professor of physics at the University of Iowa, works with NASA to map the earth's dayglow. While studying satellite photos of the earth, Dr. Frank kept seeing blurred spots in his photographs. At first he thought they were defects in his film. Pictures taken with new batches of film, however, had blurred spots also, which looked almost as if they were holes in the earth's atmosphere.

After completing high tech de-

tective work and spectrographic analysis, Frank found the holes to be high concentrations of water vapor. Since there are no high concentrations of water vapor in the upper atmosphere, how did the water get there?

Dr. Frank concluded that the earth is constantly bombarded with snowballs, about 20 per minute, based on his photographs. The snowballs are 30 feet in diameter, cometlike clusters of loosely-held ice crystals each containing about 100 tons of water.

Writing in the April 1986 *Geophysical Research Letters*, Dr. Frank proposes that the earth's oceans came from space. According to Frank, these snowballs could have contributed enough water to fill the present seas. If one of Dr. Frank's snowballs had a large, solid core, it would survive to strike the earth's surface. Then chunks of ice *would* fall from a clear sky.

TRUE

MYSTIC EXPERIENCES

FATE will pay \$10.00 for each true experience published. Stories should be less than 300 words and typed double-spaced on one side of the paper. They may be sent to the TME Editor, FATE Magazine, 3510 Western Ave., Highland Park, Ill. 60035. They must be signed by the author and address must be shown. Manuscripts will not be returned unless accompanied by stamped self-addressed envelope.

PREMONITION OF LIFE

By C.J. Wilcox

WHEN I was a little girl it was discovered that I had a malfunctioning heart. Although my parents trusted the doctors, they still had a hard time hiding the fact that they thought I never would lead a normal life and possibly would die early. I always knew better than that and felt bad because there was no way to explain to them just how I knew. So, while they went through the worry of a lot of sickness with me, I always knew, despite the pessimistic worst, that someday I would be okay. Soon something would happen to me that would strengthen my belief in myself and, of course, in God who gave me life to begin with.

After putting me through many tests the doctors decided, in 1962, that I should undergo a heart cath-

eterization, a procedure that shows the working of the heart on a screen. The heart functions are transmitted from a tiny camera inserted into the heart muscle through a major artery. It is an uncomfortable procedure but routine. I had to remain conscious throughout just in case something went wrong. If I was "under" I wouldn't be able to react to it. They



C.J. Wilcox

gave me a local and numbed the area where the tiny tubes containing the microscopic camera were to be inserted into my body.

When I was wheeled on my gurney into the surgical ward I was relaxed, not so much with the drugs they'd given me as with an inner peace. I was awake, in full control of my senses. Although I had been "doped up" regularly during my illness—codeine and pencillin were used on me quite frequently—I had never been prone to hallucinate or see nonexistent objects.

Halfway to the surgical ward the orderlies stopped the gurney for a moment or two and, during that stop, I realized I was rising out of my body and hovering over it. I found myself an observer of the whole situation. At that moment any doubt that I ever had about becoming whole physically was taken away. I knew I would be okay.

I seemed to be in a dream state, watching the activity going on below me. No one else was aware of what was happening. I saw a picture of an anatomical heart hanging on the wall. I remained in the air for a few long moments and don't remember returning to my body. The heart scan went off without a hitch.

Seven years passed and they ran another heart scan. This time more of the heart could be seen and they scheduled me for open heart surgery. If technology had allowed

they could have done this corrective surgery earlier.

My parents were overjoyed that their little girl was going to be okay after all those years of worry and waiting. Something always held me back from telling them about my own confidence. I guess they just weren't supposed to know. Maybe someday I will tell them.

Later, when I found out what astral projection is, it seemed a good explanation of what happened to me at the time of the first heart scan. But I still can't explain how I knew even before then that I'd be healthy someday. I thank the Lord I was given the peace of mind of knowing and I also thank Him for giving me the parents who loved me throughout and for making my vision of health come true.—*Long Beach, Calif.*

"THE MAN"

By K.J. Daniello

MY SON Paul was almost two and nearly potty-trained when we moved into the house on Haley Street in Newark, Calif., in August 1979. He was an only child and mature for his age. He spoke clearly.

Paul, who was not a sound sleeper anyway, screamed the first night in the new house and every night for weeks. We attributed his fear to the eerie 3:00 A.M. train whistles. The tracks were only a block away and the rumblings shook our house.

His screaming didn't stop when I



K.J. Daniello

entered his bedroom. Sometimes I'd find him hiding under his covers. At other times he'd be in the far corner of the room with his back pressed against the wall, pointing at his closet, saying, "The man! The man!" Of course, I'd tell him there was no man. I'd shut the closet doors, soothe his fears and go back to bed, hoping he'd get used to the new house and the train and start sleeping through the night.

One evening Paul came into the kitchen while I was preparing supper and asked if he was bad. I told him he was a good boy and then asked, "Did you do something you shouldn't?"

He shook his head. He said a man told him all boys are bad and should have their pee-pees cut off. Horrified, I turned off the stove.

"What man?" I demanded, thinking one of our neighbors was terrorizing my son. I almost called the police. Fortunately I asked Paul to show me where the man was.

He took my hand. I figured he'd

lead me outside. Instead he pulled me down the hall into the spare bedroom which was still filled with unpacked boxes. He pointed at the rocking chair in the corner. "Here he is, Mom," Paul's voice was shrill and his hand was sweating.

Goose pimples covered my body. I stood there staring at my empty rocking chair, expecting it to move. It didn't. I asked Paul if he was still there. He nodded, then ran out of the room. Later he told me The Man had grinned at me.

I didn't see him myself until later that night. My husband Mike worked the swing shift at a can plant and didn't get home until 11:20. Around 10:30 I noticed Paul's favorite stuffed toy, a lion, lying in the hall entry. Wondering how he'd managed to fall asleep without it, I stooped to retrieve it. When I stood up The Man was standing in front of me. Startled, I stepped back. He grinned. I got mad, thinking he liked my fear. I moved forward. He disappeared.

"He was taller than I," I told Mike the minute he walked through the front door. "He was stoop-shouldered and had shaggy white hair and the brightest blue shirt I've ever seen." I assumed Mike wouldn't believe me. I was surprised when he nodded, saying one of his co-workers was a nephew of the original owner.

The nephew had told Mike there was a long-standing feud between

the old man and his son. The son had disappeared, abandoning his father and wife. Because the old man was ill (we'd noticed a doorbell type of buzzer on a wall in the spare bedroom above a roll-away bed when viewing the house), the daughter-in-law put him in a nursing home and sold the house. She moved south to Fresno. The old man died shortly after we moved in.

I suffered three more hallucinations in that house before we moved out in February 1987. Once, while writing letters at the kitchen table, I glanced down the hall and watched a small dog with long reddish-brown hair trot out of the spare bedroom. He faded before reaching the living room. Later Mike discovered tiny paw prints in the cement on the east side of the house.

Because of his shift Mike stayed up late even on his days off. One

night I'd just snuggled into bed and closed my eyes when the door opened. A tall man entered, crossed the room and stood by my side of the bed. I thought it was Mike. I almost reached out and touched his leg but something—fear or intuition—froze my outstretched hand. I waited, not even breathing. I swear he looked down at me and snickered. After several seconds he turned and left the room, closing the door behind him.

My sister-in-law Mary Lee hated to use our bathroom. When I asked her why, she said she was afraid. But she couldn't say what she was afraid of.

It was an unhappy house. I was pleased to leave it. I have not experienced anything extraordinary in our new house. And Paul, now almost 10, sleeps just fine.—*Union City, Calif.*



MONOGAMY IS NOT NATURE'S WAY

ONLY THREE to four percent of mammal species stick with a single mate, Duke University anthropologist Patricia Wright writes in *National Wildlife* magazine, and most of those will cheat on their partners if the opportunity arises. Among the earth's monogamous species are coyotes, bats, wolves, antelope, beavers, muskrats and a few moles. Such patterns of behavior serve to protect food supplies or in other ways to insure survival.

Although monogamy is one of Western civilization's basic social structures, 87 percent of the world's cultures do not practice it. And rising divorce rates in Western Europe and North America suggest that monogamy is losing its grip even where it is nominally practiced.

Wright says that one benefit of monogamy is that fathers care for their young. Few males will help raise offspring whose paternity is in question.

APPOINTMENT WITH THE DEVIL



In the dead of night, at a
crossroads deep in the forest,
Satan waited for him. . . .

By Hilary Evans

ON EASTER Sunday 1895, in a chapel in the cathedral of Notre Dame, Paris, an old lady took advantage of a moment when the guards were otherwise occupied to steal two pyxes, each box containing 50 consecrated hosts — wafers of bread which, according to Catholic teaching, had been transformed into the physical body of the son of God.

The pyxes were worth nothing in themselves. It was the hosts the old lady was after. This was just one of many similar thefts from churches all over France.

The thief was almost certainly not alone. Although she could conceal the two pyxes beneath her cloak, she could not open the massive doors of the church without setting at least one of them down on

the floor, something she could hardly do without attracting attention. Apparently she had an accomplice.

We do not know who the old lady was but we can guess what kind of people she was acting for and why they wanted the hosts. The symbolic body of Christ is of no value except to two classes of people: those who believe in him and worship him and those who believe in him and oppose him. The former class would have too much respect to steal the hosts. It is almost certain that they were stolen by persons hostile to Christ — which meant, in France at that time, satanists.

The hosts were to be symbolically desecrated in the "Rite of Vain Observance" and other variations on the so-called Black Mass, which is the crucial ceremony of satanists

just as the mass itself is the crucial ceremony of Christians. If we can believe a Catholic journal of the day, a satanist "church" in Agen, in southern France, celebrated Black Masses regularly for 25 years, during which they made sacrilegious use of 3320 sacramental hosts — every one of which they must have stolen from a church.

* * *

ONE OF THE most sensational writings of the 1890's — a period that was not short on sensational writings — was a series of revelations written by an alleged supporter of the Roman Catholic Church, attacking a wicked satanic-Masonic conspiracy. It turned out to be a hoax staged by an opponent of the Church; the conspiracy was entirely imaginary. Yet — before he revealed the deception — the mastermind behind the hoax, using the name Leo Taxil, received praise from many eminent churchmen who swallowed his allegations hook, line and sinker.

One, a canon from Fribourg, Switzerland, told him, "Monsieur Taxil, you are a saint!" and begged him to perform a miracle. When Taxil demurred, the canon attributed this to humility and only praised him the more, sending him a Swiss cheese after he got back to his parish. Taxil ate it with double enjoyment.

Taxil's stories are so absurd that it is hard to believe any educated

person could have taken them seriously. The eminent British occultist A. E. Waite wrote his *Devil-Worship in France* in 1896, after Taxil had published his phony revelations but before he had admitted the hoax. Nevertheless Waite at once saw that they were spurious and he demolished them with gusto. Why did the Swiss canon and his fellow churchmen swallow them?

Part of the answer is that they were ready to believe anything discreditable about Freemasons whom they regarded as agents of the devil. Even so, it is unlikely they would have been so credulous but for the fact that in the late 19th Century in France there was a genuine, and widespread, revival of satanism.

What was happening was a reaction to a reaction. For centuries Europe had suffered in the belief that the devil had created a monstrous cult of witches who served him. The authorities — the civil no less enthusiastically than the Church — had tortured and executed untold thousands of simple-minded and deluded people in the belief that they were ridding the world of the devil's agents.

By the late 18th Century Europe recovered its senses, recognizing that those who had claimed to be possessed by the devil should more properly be entrusted to the doctor than to the executioner. And in the 19th Century the doctors — Charcot, Janet and their colleagues —

showed that delusion, not devil-worship, lay at the root of those terrible, ludicrous confessions.

But was it really as simple as that? Even in our scientific 1980's many think the devil is alive and well and living in California. In 1890's France the author Huysmans was one of those who believed Satan was a being of greater substance than the figment of imagination to which the doctors wanted to reduce him. Formerly an enthusiastic occultist, he had now become a fervent Christian. Although he opposed the satanists, exposing them in a much-read novel, *La-Bas*, he never doubted that the devil they worshiped was a living being.

"For centuries," he wrote, "the witch-hunters attributed to satanism what was really hysteria. Today, the doctors are attributing to hysteria what is properly the domain of the exorcist.

"In those days, many were burnt at the stake who were in no way possessed by the Evil Spirit. Now, we try to cure with cold showers many who *are* truly possessed.

"The truth lies somewhere between these two extremes."

FOR HUYSMANS, newly converted to Catholicism, the material existence of the devil in the satanists' worship was as certain as the physical transformation of bread into the body of Jesus in the Christian mass. But if among the French

we find the most fervent believers—it is no accident that Lourdes, second only to Mecca as a center of pilgrimage, is on French soil—they also include the most hardheaded of "show-me" skeptics. These people had hoped that common sense—with the help of the doctors—had got rid of the devil at last; yet now, to their consternation, were people like Huysmans who seemed to be summoning him back from oblivion.

One such skeptic was Charles Lancelin, a doctor and one of an open-minded generation of researchers who were prepared to consider anything if it came supported by sound evidence. He was by no means a committed disbeliever. His research into astral projection (what we now call out-of-body experience), folk healing and survival after death had convinced him that there was a real basis for these beliefs.

It was in the same open-minded spirit that he undertook his inquiry into the existence of the devil. He planned a massive three-volume study of the subject. To forestall critics who might blame him for writing about something of which he had no firsthand knowledge, he resolved to make every effort to meet the devil in person.

In fact, long before he considered writing such a book, he had been given the opportunity to make Satan's acquaintance. Lancelin's

first opportunity occurred in 1880, when he heard of a man who worked in the vegetable market of Les Halles. The man was reputed to be a sorcerer on the best of terms with Satan. Suspicious at first, the individual agreed to introduce Lancelin to his friend, saying the meeting would take place at a crossroads in the forest of Meudon, on the outskirts of Paris, around midnight. He asked Lancelin for money to purchase the brand-new knife, candle and other material required for the ritual.

Lancelin, who had his reservations about this dead-of-night meeting with a stranger in an isolated forest, decided to go prepared. But when he told the market man that he planned to determine whether the apparition was really the devil by firing a pistol at it — on the grounds that the devil, if that was who the figure was, would not be harmed — the man severely reproached him. Lancelin, he said, must take with him no metal besides a piece of gold which he must wrap in old parchment and throw to the devil when he appeared outside their magic circle.

Lancelin said he would think about it. And the more he thought about it, the more certain he was that he was about to be set up. The market man would hire a friend who would manifest in the devil's guise, accept the gold piece and vanish into the darkness — to meet

his friend at a bar and drink to Lancelin's credulity. Lancelin declined the offer.

* * *

IN 1895, the same year the old lady stole the hosts from Notre Dame, Lancelin was holidaying on the Breton coast. He decided to try to meet the devil in this quiet locale and in the time-honored way, using the rituals of ceremonial magic.

He found an appropriate place where two paths cross and went there late one night, taking with him his cane, freshly cut from the hedge-row that dawn with a single blow from a virgin knife.

With a magnet he traced the magic triangles on the ground. With a sword he drew around these triangles the protective circle, the base of the cone of safety within which the devil would be unable to reach him. He lit the ritual candles. Standing in the center of the pentagram, holding his wand, he solemnly started to utter the prescribed words: "Emperor Lucifer, master of all the rebel spirits. . ." and so on through the lengthy invocation.

According to the grimoires, this would do the trick. And indeed the wind rose menacingly as he recited the ritual, to die away to a shiver. When he reached the end of the invocation, he stood motionless. Around him the bushes stirred in the breeze from the sea, bringing the evening scent of the flowers. Although he hardly expected that the

ritual would summon forth Satan himself, he had hoped he might succeed in evoking at least an elemental or some inferior spirit of the dead — but no, not even that.

Undaunted, he learned the following winter of a spiritist circle where the medium was regularly possessed by Satan. This was intriguing, for Spiritualism and satanism do not usually go hand in hand.

Lancelin found a small gathering of people, presided over by a man in his 40's, a few women and men, and a number of young people, at least two of whom seemed to have come with no other purpose than to have some fun. The only person of any interest was the medium herself: a tall, upright woman in her 30's, somewhat reserved and expressionless, with a musical, almost singing voice.

After the usual preliminaries she lay back in her armchair and began to groan while clenching her fists in the manner of someone in the grip of hysteria.

"He's going to manifest," someone murmured.

"Who is?" someone else asked.

"The demon!"

Suddenly the medium cried out and sat upright. Her features had become hard and fixed. Her eyes blazed as she looked around the company. Each shivered as the gaze was turned on him and two old ladies started to mumble a vague prayer.

Then the medium spoke, but no longer with the melodious voice of her waking self. Now her voice was raucous, savage, hollow.

Unfortunately, what she said was less impressive than how she said it. The voice of "Satan" described hell, mouthing threats, describing the eternal flames and the tortures inflicted on the damned. All this tumbled out of the medium's mouth in a ceaseless ungrammatical growl.

Each sitter, Lancelin included, received his share of threats. But when Lancelin opened his mouth to ask a question, a signal from the president silenced him. In any case, the spell was broken. The medium came to herself in a flood of tears as Lancelin grabbed his hat and left.

"Was it all a sham?" he asked himself, then answered himself, "No, but a confusing mixture in which it is hardly possible to say how much is hysteria, how much psychic powers run off the track, how much autosuggestion or suggestion from others, how much black magic subconsciously recalled. The words were probably no more than an echo of what she had heard at previous meetings, and the change in voice, remarkable though it seems, is no more than what is frequently reported in hypnosis clinics."

The rest of the audience were persuaded that it was the devil in person. More orthodox Spiritualists would have said it was a mocking

spirit, pretending to be the devil. Lancelin, drawing on his occult knowledge, suggested it might have been an elemental being brought into reality by the collective will of those present:

What was everyone's purpose in being there? To summon the devil. What was their wish? To see the devil incarnate and living in the body of the medium. And their collective thought, their common will, possessed sufficient force to dominate the nervous creature who was their medium: and so Satan, a collective creation, a temporary illusion fabricated from their combined thoughts and wills, became incarnate, lived, spoke . . . confirming these unfortunate people in their expectations, and thereby setting them on the road to neurosis and madness.

A FEW YEARS later, in 1905, Lancelin met a celebrated magician who expressed astonishment that Lancelin, a widely-read occultist, doubted the devil's existence. He undertook to convince him and invited him to join a group who met in an abandoned building on the outskirts of Paris. Remembering the market man, Lancelin asked if he could come armed. The magician had no objection.

Although the house seemed deserted, they descended to the cellars where a massive oak door led them into a fully furnished magic temple, with all the apparatus and furnishings for ritual purposes.

Here they sat in the darkness for some 15 minutes, until flashes of light started to appear here and there in the darkness. Gradually the flashes came together and formed a shape, more or less human but so indistinct that Lancelin couldn't even say for sure whether it was bearded or clean-shaven.

"I am here," Lancelin felt rather than heard it say, followed by a few other banal words.

He asked it to materialize more completely. But the image shook its head disdainfully. After two or three minutes it faded away.

"Well, there you are, you've seen the devil!" his guide cried triumphantly.

Lancelin granted that he had seen some kind of materialization — but the devil? What he had seen was more the sort of materialization which occurs at any spirit seance — but assuredly far, far from the all-powerful Satan.

ON THE NIGHT of February 7, 1907, Lancelin was sitting with some Spiritualist companions and working a Ouija board when a message intended for him came through.

"It's the devil who is speaking to you," it said. Lancelin replied that he didn't believe in the devil.

"Precisely," the "devil" replied. "That's why he's come." He promised to meet Lancelin nine days later, at two in the morning, in the

heart of Paris, beneath the Arc de Triomphe.

Unfortunately it was the middle of winter, with the temperature 10 degrees below zero Centigrade. The following week the medium was taken ill, so she was not about to come out in the streets of Paris at such a temperature at that hour of night. Nor was Lancelin encouraged by his companions. One said the only devil he was likely to meet was some poor devil of a streetwalker plying her trade on the icy sidewalk.

An hour before midnight on the appointed night, Lancelin stuck his head out of the window. An icy wind was sweeping the streets of Paris. The thought of setting out alone to meet the devil, especially without the protection of a medium, was too much. There is a time and a place for heroism, he reflected, and Paris on a February night is neither. He closed the window and went to bed.

A week later the devil again came through the Ouija board. Lancelin apologized for failing to keep their rendezvous. The devil accepted his excuses, albeit somewhat ungraciously, and agreed to visit Lancelin privately at home, provided he was suitably invoked by the requisite ritual which would be communicated to him.

Two formulas of invocations subsequently were sent to him. One came from Egypt and comprised seven Arabic words which had to

be pronounced 7000 times in succession. Lancelin calculated this would take 15 hours nonstop, at the end of which he was likely to be so punch-drunk that his brain would be ready to imagine anything, however crazy.

The second, from Lebanon, consisted of three Hebrew words which had to be spoken in conditions and with a companion unlikely to be found in the West. In his account of this he gives no details but insists he is ready to make the attempt should the circumstances ever be right.

* * *

REMEMBERING how the seance with the medium had seemed to bring into being some kind of secondary personality, Lancelin wondered what a hypnotic subject would do if it were suggested to him that he was the devil.

He tried putting the suggestion to various hypnotic subjects but came up against an unexpected difficulty. Try as he might, he could not persuade a single one of the subjects who believed, however vaguely, in the devil, to accept his suggestion that he *was* the devil.

The only subject who would go along with the suggestion was a man Lancelin knew to have no belief in the devil.

But then something unexpected happened. As we know, a hypnotized subject will tell the truth if he can, but when he can't, he will fall back on any kind of material that

seems helpful — memories, other experiences, fictions — or will simply concoct his own material, anything that will enable him to present a suitable “story.”

Lancelin's subject must have gone back to childhood. The devil he proceeded to enact was a pantomime devil, as seen in toy theaters or fairground sideshows. This devil was no sinister force of evil but a malevolent villain who pranced around the room seizing hold of individuals whose looks he didn't like or who were pointed out to him. He dragged them into a corner, shaking them and shouting, “Off to the fiery furnace with you!”

For Lancelin the moral was self-evident: We ourselves create our own devil and we create him in the shape we expect to see him or fear to see him or, in some cases, hope to see him.

But that was not all. Lancelin's

experiences showed that though the devil you create may be a fabrication of your own making, once you have brought him into being he can slip out of your control. Just as the Spiritualist group he visited, unless they recovered their sense of reality, were headed for neurosis and maybe madness, so anyone who allows himself to believe in the devil has taken the first step toward putting himself in the devil's power — and that is just as bad if the devil is of your own making as if it is in truth the spirit of darkness, walking the earth seeking whom he may devour.

In a sense Lancelin never found the devil. In another sense he found many devils. He found one wherever he found someone who believed in the devil.

As his countryman and occultist-colleague Eliphas Levi said so perceptively, “He who affirms the devil creates the devil.”



SCISSORS, NOT SURGERY, KILL MAN

HIS DEATH, officials said, was attributed to postsurgical complications. Fourteen years ago Christos Sotiropoulos, 28, of Athens, Greece, died two weeks after an appendectomy. But the real cause of death was discovered when his family recently moved his remains to another grave site — a pair of scissors was left inside him by the operating doctor.

QUIRKS OF FATE

by Harold Helfer

Thirty years after the surf snatched his class ring while he was partying with fellow college students at Fort Lauderdale, Fla., Tom Russell, who was then a student at Notre Dame and now is a sales administrator for an Elmhurst, Ill., publishing house, has it back. Tom McCall, whose hobby is searching for beach treasure with a metal detector, found it.

Los Gatos, Calif., police kicked in Peter Franusich's door, wrestled him to the floor, handcuffed him and searched his house. And they found the plants, all right. But the city had to pay the householder \$75,000 in damages. They were tomato plants, not marijuana.

In Tokyo, Japan, a teenage girl leaped from a 17th-floor window but her suicide attempt failed when the large coat she was wearing billowed like a parachute and brought her gently to the ground. She landed in a bush and sustained only scratches.

The obituary page brought romance to Jeanne Eckerson and Chuck Jackson in Strasburg, Va. Jeanne writes the obits for a local

newspaper and Chuck works for a funeral home. They chatted on the phone every morning when Chuck called in funeral notices. They finally met and now they're engaged to be married.

In a move to gain his congregation's attention, the Rev. John Heatherington ate a daffodil during a church service — and it could have cost him his life. In agonizing pain he collapsed and was rushed from St. George's Church in Scunthore, England, to a hospital where for a while he was listed in serious condition. The daffodil, it seems, had been sprayed with a deadly insecticide.

Jean Murdoch and Marie Gitane were strangers sitting side by side on a Strasbourg, France, bus when it broke down during a snowstorm. They started talking to pass the time and discovered to their astonishment that they had a common past — in fact, they were brother and sister. Separated when they were toddlers, they were brought up in foster homes. It had been 40 years since they had seen each other although for the past 10 years they had been living only a block apart.

CAN ANIMALS PREDICT EARTHQUAKES?

Before the quake hit, bottom-dwelling fish came to the surface, rats fled their holes and eels vanished...

By Michael Bowker

TWO DAYS after a 1975 earthquake registering 6.0 on the Richter scale shook up the town of Oroville in northern California, a farmer described to a newspaper reporter how his calf "shook and bawled" just prior to the tremor. "She was doing just like she's doing now," declared the farmer.

Three minutes later a strong aftershock rumbled across the field. The farmer and the journalist quickly joined a growing list of people who believe animals can predict earthquakes.

Thousands of reports of unusual animal behavior preceding earthquakes have been documented throughout most of recorded history. Worldwide interest in the animal-premonition theory was fanned into a flame in 1975 when in January of that year Chinese field workers and woodcutters near Haich'eng, a city north-east of Peking, were startled when hundreds of snakes suddenly appeared from their hibernation holes and quickly froze to death in the snow.

At the same time nearby farmers reported strange behavior from livestock. Cows and horses refused to

enter barns and repeatedly attempted to break out of their corrals. Chickens ran around in a frenzy and hens did not lay eggs for a week. Dogs barked day and night and cats bristled and would not stay indoors. Scores of fish were seen leaping from rivers and lakes and wild animals such as tigers, deer and birds were reportedly seen migrating from the area.

Through a network of about 10,000 volunteers, the Chinese officials received hundreds of reports of sizable changes in the water level of their backyard wells. Within a few days alerted scientists began to chart telltale changes in ground tilt and the earth's magnetic field.

On February 3 alarmed officials evacuated residents from Haich'eng. A few hours later an earthquake of magnitude 7.3 on the Richter scale rumbled through the city — destroying or damaging 90 percent of its buildings. Few human casualties were reported, thousands of lives having been saved by the timely warnings.

AFTER THE Haich'eng success Chinese scientists released re-

ports that on July 18, 1969, they had enjoyed a similar predictive success. Since 1968 workers in the People's Zoo of Tientsin have participated in earthquake-prediction work.

On the morning of July 18, 1969, they discovered several animal anomalies. The giant panda did not want to go to the playground to play as it did daily. Instead it held its head with its forearms and screamed. Turtles and fish suddenly swam up and down and rolled over continually. A Tibetan yak rolled over and over — contrary to normal behavior. Water-loving swans lay on their backs on land with their feet pointed at the sky and tigers refused to enter their enclosures even to eat.

Zoo officials took notice and held joint discussions. They decided that this odd behavior had to do with impending earthquakes. They reported immediately to the Seismological Office of Tientsin. At noon the same day a devastating earthquake of magnitude 7.4 hit the nearby city of Bohai.

These two experiences sent a tremor of excitement through the scientific world which has long sought a way to predict earthquakes. Interest in the link between abnormal animal behavior and earthquakes soared. The U.S. Geological Survey launched three projects to determine by scientific method what folklore and rumor have held for centuries: that animals can sense impending earthquakes.

The three studies, conducted in California in the late 1970's, included

observation of captured mice and kangaroo rats in an active earthquake area; the recruitment of 1700 volunteers in seismically-active areas to report anomalous animal behavior via a telephone hotline; and interviews with residents living near five earthquake epicenters. Although some unusual animal behavior was noted, all three studies proved inconclusive.

There is, however, no shortage of anecdotal material:

● On February 4, 1783, residents of Calabria, Italy, reported weird behavior in their livestock. Sheep and goats tried to break through their pens and geese and fowl flew violently against their coops. Dogs around the city howled so unbearably that they were ordered shot. The following day the city was devastated by a major quake.

● On February 20, 1835, two hours before a giant earthquake shook the Concepcion region of Chile, every dog fled the city and hundreds of snakes crawled out of their dens.

● In the months, weeks and days prior to a 7.9 shaker which struck September 1, 1923, near the city of Kanto, Japan, hundreds of reports of strange fish and animal behavior were documented. Fishermen caught strange bottom-dwelling fish; catfish appeared by the hundreds on the surface of the water; eels disappeared from their normal habitats and reappeared several miles away; rats emerged from their holes at strange times and would not eat; a flock of pheasants flew into the center of a highly-populated city;

and sardines, when captured and cut open, were found to have mud in their stomachs.

● A number of anomalous fish activities were also reported a week prior to the June 16, 1964, Niigata quake on the eastern coast of Japan. The quake registered 7.5 on the Richter scale. Catfish, normally bottom-dwelling, rose to the surface in vast numbers; large schools of dolphins left the area for good; and fishermen reported an abnormally-depressed fishing catch.

* * *

IN THE Soviet Union villagers in far eastern Kamchatka have long relied on bears to keep them alert to seismic dangers, according to Soviet geophysicist Dr. Vladimir Olchenskov. "When the bears get unusually active and leave their natural haunts, people in the area have learned to do likewise," he observed in the early 1970's. "Sometimes whole villages are deserted because bears have left the area."

According to Canadian scientist A. Warner, who has studied Soviet seismological techniques, Soviet scientists take animal behavior very seriously as a predictive tool. They have established a series of "animal-warning centers" in the quake-prone Uzbekistan area, Warner claims. These are scientific observation posts of animals in natural or near-natural habitats. The observers simply watch the behavior of the animals and report significant changes in their habits to a central data center where they are

correlated with disaster reports of the past to help predict future quakes, volcanoes and other natural disasters.

"Some of the observation teams' reports would be hard to believe if they weren't so carefully documented," Warner says. "Shrimps crawl on dry land before a storm; jellyfish head for deep water; pheasants chorus an alarm and goats, tigers and antelopes refuse to go into indoor pens for months before earthquakes."

Soviet scientists believe that human beings may have a similar built-in warning mechanism for disaster but are too insensitive to take note of it. "It is the belief," Dr. Olchenskov said, "of many Soviet scientists that the heart may be the natural warning instrument to which animals pay heed and humans ordinarily do not." He pointed to medical records from Ashkhabad, near the Iranian border, as evidence of this.

"During 1948 doctors in that area reported a dramatic upsurge in heart complaints," he said. "Yet cardiograms showed the complaining patients to be perfectly healthy. Within the next two months catastrophic earthquakes nearly ripped the region apart, causing the deaths of hundreds, and the heart complaints disappeared."

That event and others similar to it suggest to the Soviet scientists that human hearts can somehow detect small variations in geophysical factors such as static and magnetic fields caused by the buildup toward an earth tremor, for example. "According to

the Soviet," Warner has written, "the same natural device may be what warns animals. In the case of animals, the disturbance to the heart prompts the animal to leave its usual haunts. But humans pay no attention to the signs or interpret them as illness."

* * *

BUT SOLID scientific evidence has been elusive. "An experiment has to be repeatable to be credible in science," said Don Dupras, associate geologist for the California Department of Mines and Geology. "The problem is, how do you set up a controlled, repeatable experiment given the random nature of earthquakes?"

One attempt was made in the late 1970's by UCLA researchers who constructed a simulated outdoor habitat for about 50 pocket mice in the Morongo Valley about 30 miles north of Palm Springs. Pocket mice were used because they do not drink water and were therefore easy to isolate. "We had one cage above ground and a connected cage buried under the ground," said UCLA research biologist Robert Lindberg. "It was as close to a natural environment as we could get." In addition, several kangaroo rats were monitored in indoor cages.

On March 15, 1979, a swarm of earthquakes struck the area, the three largest measuring magnitudes of 5.2, 4.9 and 4.8. More than 35 smaller quakes were also recorded. Researchers reported the ground moved for as long as 20 seconds during the larger quakes.

"To our obvious delight, significant and in some cases dramatic activity anomalies were recorded from most animals in both the indoor and outdoor activities," the UCLA researchers reported. But their report concluded that the increased activity could have been attributed to human intrusion during feeding time or to the increase in outdoor air temperature during the spring.

Lindberg said, "My feeling about the whole thing is that we did not have good evidence of animals behaving differently. Just prior to the March 15 swarm of quakes we did have one or two of the pocket mice run above ground at a time when they are usually in their underground cages. But that could have been attributed to the warmer weather we were experiencing. Unfortunately we couldn't prove if the animals could or could not predict earthquakes."

The second USGS study was conducted by the Menlo Park-based SRI International (formerly the Stanford Research Institute). Some 1700 volunteers in Los Angeles County, the San Francisco Bay area and Humboldt County were recruited to report anomalous animal behavior on a toll-free hot line. The messages were tape-recorded and logged by researchers.

"We threw out the calls that came in just after an earthquake was reported," said Dr. Leon Otis, the principal investigator in the project. "We felt reports of unusual animal behavior would be more objective if they were reported

prior to the earthquakes."

Over a four-year period 13 earthquakes of a Richter magnitude of greater than 4.0 were recorded in the study area. In seven of the 13 earthquakes researchers fielded a "significant" increase in the number of calls. (Some of the reports included fish jumping, dogs howling, ants swarming, general restlessness among livestock and domestic birds biting and killing their young.)

In only one case, however, were the results dramatic. In the 1981 Fremont quake (magnitude 4.3), 21 hot-line calls were received within a 30-day period — the average number during that period was one call. "We felt there was something there — and I still feel that way — but without confirmation we can only treat the Fremont episode as suggestive," Otis said.

A third USGS study was conducted at the University of California at Davis. Residents within less than three miles of the epicenters of five earthquakes were asked if they observed unusual animal behavior prior to the quakes. Four out of the five cases resulted in findings similar to those at Ovando, Mont., where only one of 35 persons noted any unusual behavior prior to an earthquake that measured 4.9. The one exception was at Willits, in northern California, where 17 of 50 persons interviewed observed weird animal behavior within a week of a 4.7 quake.

"Although they were inconclusive, there were some interesting findings

in the three studies," Otis remarked. "Unfortunately federal funding for animal-earthquake experiments has dried up under the current administration. As far as I know, there are no further studies planned."

RESearchers have been able to determine that many animals possess seismic powers far greater than those of human beings. For example, fish have highly sensitive otolithic organs of the ear; these can detect extremely weak seismic activity, up to three magnitude levels smaller than those detected by humans. This includes the tiny foreshocks that frequently precede sizable earthquakes but that are too small to register on the Richter scale.

Moreover, marine sharks, skates and rays are extremely sensitive to weak electric fields in their seawater environment, according to Adrianus Kalmijn, a marine scientist with the Woods Hole Oceanographic Institution in Woods Hole, Mass. Freshwater stingrays and catfish also have ampullary receptors which allow them to detect tiny changes in the water's electrical field.

"In recent years these ampullary receptors have been shown to play an important role in prey capture and the detection of navigational cues," Kalmijn said. "These fish cunningly cue in on the bioelectrical fields of their prey, even if it is a small animal hiding in the sand." This ability has been proven under well-controlled

laboratory experiments and recently has been verified on free-roaming sharks in the ocean off Cape Cod, Mass., and on wild catfish in freshwater ponds.

Many fish and amphibians also possess the ability to sense exceptionally small gradients of water displacement caused by the foreshocks of submarine earthquakes. Catfish, sharks and rays may also be able to sense light electromagnetic variations created by early seismic activity. In 1932 a Japanese zoologist, studying a captive catfish, claimed an 80-percent accuracy rate in predicting earthquakes. He was unable to do so with a second catfish, however, and concluded that each fish reacts differently to early tremors.

Ground-dwelling animals may also feel foreshocks long before human beings. Moreover, some scientists now believe that many animals may have tiny crystals of magnetite in their brains. These are susceptible to seismic changes — precursors to most earthquakes — in the earth's magnetic fields.

Chinese scientists think domestic dogs and cats can hear ultralow acoustic waves created by seismic activity. Upon hearing these sound waves most domestic animals will leave shelter, accounting for the fact that few domestic animals ever get killed in collapsed houses.

The Chinese believe that domestic fowl, wild birds and even insects such as grasshoppers and ants can detect

foreshocks and will move from their habitat if it lies in the path of a quake.

Plants may also have anomalous reactions before earthquakes, according to Chinese studies. Before the December 30, 1971, earthquake of magnitude 4.75 near an estuary on the Yangtze River, flowers bloomed from the top axis of cabbages and on the leaf tops of green vegetables. No one has ever seen such blossoms before or since the earthquake.

There seems little doubt that many animals and fish can detect even the tiniest foreshocks that precede all major quakes. Like mammals, however, fish are unreliable as predictors. Although fish and some mammals may be able to detect seismic changes that forewarn earthquakes, their reactions to those changes can vary widely. The animals often become confused and react in a variety of anomalous ways.

* * *

FUNDING for studies of animals and earthquakes has evaporated. Belief that animals could help human beings predict earthquakes suffered a near-fatal blow in the late 1970's when the disastrous Tangshen earthquake (7.8 magnitude) claimed over 250,000 lives in China. No anomalous animal behavior was reported prior to the quake.

In the 1980's scientists have virtually abandoned animals in their search for earthquake predictors. "There are no more ongoing experiments with animals and earthquakes," Dupras

said. "Even China has just about given up the animal idea."

Much of the study in the United States is now centered on high-tech solutions, including a seismic laser-beam technology. In 1985 the U.S. Geological Survey issued what it characterized as "the first officially-accepted earthquake prediction in the United States."

The prediction said an earthquake registering 6.0 on the Richter scale is expected to occur along the San Andreas Fault near the Monterey County town of Parkfield before 1993.

An earthquake of a similar magnitude has occurred in that area about every 22 years, the USGS said. A stronger earthquake, perhaps a magnitude 7.0, is possible, according to the agency.

The USGS and the California Division of Mines and Geology have installed sophisticated geophysical instruments — including laser beams that can detect the slightest earth movement — in the Parkfield area in hopes of detecting geological signs of an impending quake.

The idea is for the USGS to issue a "short-term" alert to the California Office of Emergency Services up to 72 hours in advance of an anticipated earthquake.

After receiving such an alert the

Office of Emergency Services is to transmit a warning to the public through county offices of emergency services and through the news media.

Although the immediate Parkfield area is sparsely populated ranchland — the town has just 34 residents — the effects of a large quake centered there nevertheless could be far-reaching, affecting populated areas such as San Francisco and Los Angeles, according to the USGS.

If the Parkfield experiment is a success, it will probably mark the end of scientific studies on animals and earthquakes, although no doubt interest in the subject will linger. It isn't that animal predictions of earthquakes have been conclusively disproven. It's just that the scientific studies have failed to prove them, without exactly laying the question to rest.

The most recent survey, taken at the Los Angeles County Zoo following an October 1, 1987, quake, turned up no evidence of unusual animal behavior the day prior to the quake. The only thing out of the ordinary, according to the zoo's curator of education, Laura LaMarca, was that "after the big shock — and prior to the aftershocks — our gorillas wouldn't go back into their holding cage. But I don't think that was predictive behavior. It was just good sense."





THE MAN WHO

MADE THE RAIN COME DOWN

What was the secret of Charles Hatfield's legendary ability to coax rain from the heavens? Not what he said it was.

By Dwight Whalen

THEY CALLED him "The Cloud Compeller," "The Sky Milker," "The Frankenstein of the Sky." Charles Hatfield was the most celebrated rainmaker in American history.

His baffling ability to coax showers from the heavens has been sung in newspaper articles, legends and poems and even inspired the famous movie *The Rainmaker*, starring Burt Lancaster. Among Hatfield's many amazing rainmaking feats, according to Frank Edwards' *Strange People* (1961), he won \$10,000 in 1906 for bringing four inches of rain in 36 hours to drought-stricken miners in the Yukon.

Wherever Edwards found that information, it certainly wasn't in the Yukon newspapers of 1906. In fact, a closer look at the strange career of Charles Hatfield indicates that, for all the extraordinary claims of rainmaking, it was apparently Hatfield himself who was all wet. His true talent lay not in controlling the weather but manipulating public opinion. Purporting to command the heavens like the mythical rain god Jupiter Pluvius, Hatfield created a legend larger than life, enriching American folklore if not the science of meteorology.

Charles Mallory Hatfield was born in Fort Scott, Kans., in 1875. He

moved with his parents to San Diego, Calif., in the mid-1880's, ended his formal schooling at the ninth grade, then worked as a sewing-machine salesman in Los Angeles. In his spare time he studied meteorology and took special note of the recorded rainfall patterns of selected California localities. Through his studies, combined with experiments in chemistry, Hatfield claimed to have developed a method of extracting rain from the atmosphere — "pluviculture," to use rainmaking's more sophisticated term.

"I merely attract the clouds and they do the rest," Hatfield said, careful to point out that he did not really "make rain" as such. "It is a mere matter of cohesive attraction and the conditions that produce rain are drawn by my system just as a magnet draws steel."

Hatfield's system consisted of a mixture of chemicals placed in galvanized evaporating pans set atop wooden towers about 20 feet high. During the day solar heat drew the chemical vapors into the air, while at night the evaporating process was enhanced by combustion. An electric current was also applied supposedly to aid the moisture-attracting process.

He kept the composition of his cloud-busting cocktail a closely-guarded secret. Whenever he caught curiosity-seekers snooping around his towers, he warned them off with a pistol or shotgun.

Between 1902 and 1904 Hatfield

claimed almost 20 successful rain-making demonstrations in California. His work, however, failed to impress the U.S. Weather Bureau which regarded rainmaking as a hopeless impossibility. When a shower followed one of Hatfield's "demonstrations" near Los Angeles, the bureau noted that the rain was only part of a much larger storm system which Hatfield couldn't possibly have created or influenced. Nevertheless he blithely chalked up another success.

* * *

HATFIELD first came to national attention in 1905. In exchange for \$1000 subscribed by the Los Angeles Chamber of Commerce, Hatfield promised to bring 18 inches of rain to the city from mid-December 1904 to late-April 1905. "The regular fall rarely exceeds eight or 10 inches," he said, adding that he would refuse the \$1000 if less than a full 18 inches fell.

The gamble was not nearly so risky as Hatfield made it sound. For one thing, his claim that the seasonal December-April rainfall "rarely exceeds eight or 10 inches" was incorrect. Weather Bureau statistics for the years 1877 up to but not including 1905 show that in 14 of the 28 seasons more than 18 inches of rain fell. In other words, the chance of another 18 inches of rain in Los Angeles, with or without Hatfield, was 50-50. Tipping the odds in his favor, the previous 10 years had been drier than usual, meaning that a return to a normal rainfall

pattern was long overdue.

To everyone's surprise but Hatfield's and the Weather Bureau's, more than 18 inches of rain fell in Los Angeles that winter. Hatfield collected the \$1000 and far more than that in favorable newspaper publicity.

To those who still called him deluded and his claims preposterous, Hatfield responded, "Censure and ridicule are the first tributes paid to scientific enlightenment by prejudiced ignorance."

The public, if not the scientific community, began to take "The Cloud Compeller" more seriously. In Canada's Yukon, where average June rainfalls of less than one inch hurt mining operations, a committee of Dawson miners and the Yukon Council hired Hatfield to bring sufficient rain for the June-July season of 1906. The contract guaranteed Hatfield \$10,000 if he delivered and if he failed, his expenses would still be covered. He had little to lose.

"The principle on which I work is attraction of moisture and precipitation of the same," Hatfield told the *Dawson Daily News* of June 6. "Electrical vibrations and chemical aid is the force. I hold that this is as logical as the wireless. . . ."

The *Daily News* described Hatfield as slender, clean-shaven, genial, fast-talking and sporting a diamond ring: "He makes himself well understood but draws the line when it comes to telling the composition of what he calls the 'potent forces' that bring the

rain." Hatfield quipped, "Out of mystery shall come the misty."

Assisted by his younger brother Paul, "Hat," as the Klondikers called him, erected a 24-foot-high skeleton tower on the King Solomon Dome about 30 miles outside Dawson, the highest point — 4000 feet above sea level — in Klondike country. A box-like enclosure crowned the tower. Open on top, its sides covered with tarpaper, it measured 10 feet by 12 feet and two feet deep. Climbing a Jacob's ladder to the box, Hatfield and his brother poured their chemical brew — "a secret guarded with greater care than the age of a woman," said the *Daily News* — then returned to their tent beneath the tower to await the rains.

They didn't wait long. Rain fell the first day and continued falling on or near the dome for the next 10 days. By June 25, two weeks after the Hatfield tower went up, .77 inches of rain had fallen compared with only .25 inches for all of June in 1905 (June rainfall in 1904, it must be noted, measured 1.76 inches).

Klondikers began to wonder if Hatfield was for real. "I have not the least doubt," he told the *Daily News* (June 20), "but the season will show an abundance of rain for all purposes, right to the end."

Pride, as they say, goeth before a fall. The last days of June turned rainless and July resisted Hatfield's best efforts and brought a drought, the driest July there in living memory.

"Looks like the rainmaker is 'all in,'" said the *Daily News* on July 14. "Not a drop of rain in two weeks. He has even cut out our 'garden patch showers.'

"Eldorado is almost dry. Two or three operators are pumping, but there is hardly enough water for that, and in a couple of days the creek will be dry as a bone from end to end...."

"The only thing left now is to give Hatfield the blue ticket, and after the 'hoodoo' is out of the country, it 'sure will rain.'"

Prophetic words. On July 28, barely an hour after the Hatfields had departed on a steamboat for home, rain fell in torrents on the same dome.

THE MINERS and the Yukon government had canceled their contract with Hatfield, paying him only some \$1100 in expenses, not the full \$10,000 claimed by Frank Edwards. Hatfield accepted their decision without protest. All the same he maintained that his rainmaking had worked. He had brought rain in quantities sufficient for placer-mining cleanup, he said, which is what he thought had been expected of him. The mine operators, however, said they had contracted for enough rain to carry on hydraulic mining, which would have required more rain than even Hatfield felt capable of wringing from the clouds.

Whether Hatfield misunderstood the terms of the contract or was just trying to save face, this much is cer-

tain: The June 1906 rainfall in the Dawson area was little more than average and the July drought made an absolute mockery of Hatfield's "potent forces."

"Doubtless he will seek to forget [his failures]," editorialized the *Dawson Daily News*, "and to have others forget." The paper was correct. Discredited in virtually everyone's eyes but his own, Hatfield returned to the United States where he continued his rainmaking efforts, primarily in California, for many years, claiming great success.

Hatfield always worked on the high-sounding principle of "no rain, no pay." When needed rains came, grateful farmers were only too glad to pay Hatfield good money for delivering the showers he had promised. But since rain falls almost everywhere sooner or later, Hatfield seldom found himself working for nothing. His rainmaking success, critics charged, was attributable to nothing more mysterious than a knowledge of rainfall cycles and human credulity.

HIS MOST notorious claim to fame is what came to be known as "Hatfield's flood." When severe drought depleted the Moreno Reservoir, about 60 miles east of San Diego, Hatfield promised the city fathers to fill the reservoir to overflowing for \$10,000.

On January 27, 1916, after Hatfield had been working at Moreno all month and torrential rains had fallen inces-

santly, the Lower Otay dam, southeast of San Diego, burst. The resultant flood caused heavy damage and killed an estimated 50 persons.

San Diego welched on the \$10,000 payment but that didn't bother the Weather Bureau. It was the rainy season, the bureau pointed out, and although the rains were much heavier than usual, they were only part of a storm that followed the seasonal rainfall pattern. Hatfield, in other words, had nothing to do with it.

Ironically, Hatfield's rainmaking business appears to have dried up with the Dust Bowl of the 1930's. He faded from the public eye and retired to California where he lived out the rest of his life in obscurity. He died of a heart ailment in Pearblossom, Calif., on January 12, 1958. He was 82.

He never publicly discussed his "rainmaking" secret but Clark C. Spence in his book *The Rainmakers: American "Pluviculture" to World War II* (1980) offers what he believes were the ingredients of Hatfield's success:

"Was Hatfield merely a con man, a gambler who — like the racetrack tout — is remembered only when he was right and forgotten when he failed? Of course he was the latter and more. He was a great showman, and he recognized the law of averages when he set to work. Very likely he believed that his chemicals did help bring rain. As was true of so many of the leading 'pluviculture' exponents, it was this element of self-delusion, coupled with glib talk and splendid publicity, that made him a professional."



A SIRIUS INJUSTICE

THE DOG DAYS of summer are called that because August is when Sirius, second only to the sun in brightness and the main star in the Canis Major constellation, rises with the sun in the summer sky. (Canis Major, or "Big Dog," looks like man's best friend on its hind legs, faithfully following the hunter Orion across the heavens.) The term "dog days" has come to have a negative meaning, denoting oppressively hot weather, but originally Sirius was a good omen.

"To the ancient Egyptians," said

James Sharp, chief of the Smithsonian Institution's Albert Einstein Planetarium, "the rising of the dog star signaled the coming of the Nile flood, a time to sow crops and rejoice."

Later, Greeks and Romans took a dim view of the brilliant star, believing that Sirius, which in Greek means sparkling or scorching, was responsible for the terrible heat. Now we know better. So remember: This is not a vicious dog star and it's a Sirius injustice to think so.

LAND OF THE LIVING DEAD

A young American scientist learns that zombies are a real and horrifying aspect of Haitian life.

By Peter Gerner

Copyrighted 1987, Chicago Tribune Company, all rights reserved, used with permission.

THE PEASANTS of rural Haiti believe that their voodoo priests, or bokors, possess the power to raise the dead from their graves and sell them as slaves. To prevent such a fate, grieving families may kill a deceased loved one a second time, plunging a knife through the already-dead heart or severing the head in the coffin.

"Zombies do exist. They are real, although not as the creatures represented by hundreds of bad Hollywood movies," says Wade Davis, a swashbuckling young Canadian archaeologist and specialist in folk poisons who has unraveled a mystery that long has baffled and horrified Western scientists. Davis believes in zombies. He may even have met some.

"The great fear in Haiti is not of zombies but of becoming a zombie," he says. "Zombification — the making of a body without character, without will — is the ultimate social sanction in voodoo society, its form of capital punishment. The fear of suffering a fate worse than death is

instilled from the earliest stage. Haitian children learn folk songs about zombies.

"But there's no assembly line producing zombies in Haiti," Davis insists. "Zombification is very rare. Its power does not depend on how often it occurs but that it has occurred and can occur again. My job was to determine how it comes about and why."

NO ISLAND nation stands quite so isolated and apart as mysterious Haiti, whose millions of impoverished peasants have their own religion, language (Creole), polygamous sexual practices, medicine and system of law and order.

A French slave state until 1804, the Haitian blacks kicked out their oppressors, who had maintained order by a policy of deliberate cruelty. The slave revolt, characterized by mass poisonings of whites, resulted in a century of isolation as the world's only black republic. Today, governed by a minority mulatto elite and still tormented by

terror and political instability, the Caribbean country of six million is 90-percent Catholic and 110-percent voodoo.

"'Voodoo' is not a black-magic cult," Davis says. "It is a legitimate and beautiful religion, a complex metaphysical world view that has been unfairly condemned. If I should sound like an advocate, I'm merely trying to shed light on a phenomenon which has been completely neglected and used in an explicitly racist way to denigrate other people.

"In the same breath that we speak of a Christian or Buddhist society, we also may speak of a voodoo, or voduan, society. Within those societies there is completeness."

Davis knew nothing about Haiti when, as a Harvard doctoral candidate in 1982, he made the first of four expeditions into the mountainous Haitian countryside to research reports of men and women drugged, buried and resurrected as slaves.

Davis was sent to Haiti by the Harvard Botanical Museum, the world leader in the study of psychoactive drugs, at the behest of the late Nathan Kline, one of America's most brilliant and controversial psychiatrists, a pioneer in the examination of the biochemical nature of mental illness.

Kline, who had worked in Haiti for 30 years, wanted Davis to determine which drug the voodoo

priests used to make zombies. Such a drug might have immense surgical benefit as an anesthetic, Kline believed. It even might be used one day to permit astronauts to hibernate during interplanetary voyages.

Although Davis, a tall, blond free spirit, long had been accustomed to tromping about in remote regions ranging from the Amazon rain forests to Arctic tundra, he nonetheless found himself a stranger in an exceedingly strange land — "an enchanting land whose spiritual rhythms took me utterly by surprise and moved me profoundly."

He was drawn into a shadowy world of flashing colors and weird voodoo priests and beautiful priestesses. He witnessed gruesome rites and wild celebrations presented by the all-powerful secret peasant societies that rule rural Haiti. Davis walked a hidden landscape where the living dead, spirit possession and magical curses are part of everyday life. Davis bought his way inside peasant culture but believes it was his openness and willingness to learn that finally succeeded in winning the friendship of a sorcerer who introduced him to the dark secrets of voodoo potions, powders and poisons.

After 2½ years Davis returned to Harvard with malaria, hepatitis and an incredible story. The research won him his doctorate and resulted in a fascinating book of discovery, *The Serpent and the Rainbow*.

THE CASE that originally brought Davis to Haiti involved a man named Clairvius Narcisse, who appeared to be the first "medically-documented" zombie.

On April 30, 1962, a 40-year-old man of that name had been admitted to Haiti's Albert Schweitzer Hospital, complaining of fever, aches and malaise. His condition deteriorated rapidly and two days later he was pronounced dead by physicians. His sister Angelina Narcisse, present at the bedside, notified the family. The body was placed in cold storage for 20 hours, then buried in a small cemetery near Narcisse's village of l'Estere. After 10 days the family erected a heavy concrete memorial over the grave.

"Eighteen years later," Davis says, "a man walked into the village, approached Angelina Narcisse and introduced himself as Clairvius. He used a boyhood nickname that only a family member could have known. He claimed he had been made a zombie by his brother because of a dispute over land. He said he had been fully conscious and totally paralyzed during his 'death.' He had heard his sister weeping, heard the doctor pronounce him dead. Both then and later when he was buried alive, his overall sensation was that of floating above the grave.

"The night of his burial, a voodoo priest had dug him up, beaten and bound him and led him away to the

north where, for two years, he worked as a sugar plantation slave with other zombies.

"Eventually, this Narcisse said, the zombies managed to kill their keeper and, freed of whatever hold he had on them, dispersed.

"How does a person with no will kill somebody? There's no answer to that. The Haitian belief system is filled with such contradictions. Voodoo is a surrealistic, flexible, elastic and even opportunistic religious belief. It's a living religion and changing all the time. The peasants don't sit and analyze their phenomena like we do.

"Anyway, Narcisse said he spent the next 18 years wandering about the countryside, afraid to go home because he feared his brother, and only dared return when he heard his brother had died."

The case caused a sensation in Haiti, although authorities really didn't know how to verify the claim. To exhume the grave would have proved little. If the man were an impostor, he could have removed the bones. On the other hand, if he really had been taken from the grave, his keepers could well have substituted another body.

"Narcisse told a Haitian psychiatrist certain facts about his family that presumably only the real Narcisse could have known. When I interviewed him, he seemed fit. He spoke slowly but clearly. He had a scar on his right cheek that he said

had been caused by a nail driven into his coffin.

"I can't say for sure that Narcisse was a zombie. I find the case provocative but not scientifically provable. We have no dental records, no absolute proof."

Davis was struck by something, however.

"When Narcisse returned to his village after 18 years, his sister never doubted it was him [nor did 200 other villagers]. Yet she greeted him coolly and told him to keep on wandering.

"If the dead brother had perpetrated the deed without the support of the community, why would he have been tolerated in the village when Narcisse was not? Why, even now, was Narcisse treated as a pariah? Perhaps he was not a totally innocent victim."

* * *

THE NOTION of zombies and voodoo as evil is not very old, Davis says.

"It came from the U.S. Marine Corps, which occupied Haiti from 1915 to 1934. Every marine above the rank of sergeant got a book contract. Those books had titles like *Cannibal Cousins*, *A Puritan in VoodooLand* and *Voodoo Fire in Haiti*. Then came the movies filled with zombies crawling out of the grave, people sticking voodoo pins into dolls and cannibalistic chefs preparing children bred for the caldron.

"There was only one message in all of this: Any country in which such abominations occurred could only find its redemption through military occupation. I believe we must rethink all these racist notions about the nature of voodoo."

Davis' research into the case of Narcisse and other zombies led him down twisted paths into the heart of the Haitian peasantry. To these peasants zombification is very real and continues to influence behavior. Zombies are people who have been found guilty of heinous crimes before a secret peasant tribunal. Then, Davis believes, they are given a drug that mimics death, including paralysis and a coma.

The victim is poisoned both physically and psychologically.

The physical poison is an eye-of-newt-toe-of-dog concoction consisting of parts of venomous toads, sea worms, lizards, tarantulas and ground-up human bones. But the important ingredient is tetrodotoxin, a paralytic nerve poison distilled from puffer fish.

Tetrodotoxin is 150,000 times more potent than cocaine, 500 times more powerful than cyanide — "a pinhead-sized drop kills instantly," Davis notes. "Yet in China and Japan people actually eat puffer fish. When most of the poison is removed, puffers are the only food that makes diners feel euphoric. Special chefs are licensed to prepare this dangerous delicacy by leaving

only enough poison to let you get high. Still, about 100 people accidentally die each year in Japan."

Although Davis never witnessed the poisoning of a Haitian peasant, he believes the drug is ground into the victim's skin by force. The peasant starts to feel nauseated; he can't breathe; a tingling in his limbs sweeps irrevocably along his entire body. Suddenly his blood pressure plummets; his lips turn blue from lack of oxygen; he cannot move.

Traditionally, after a zombie is removed from the grave, he is given an antidote composed of a pastelike substance. "But there is no antidote to tetrodotoxin," Davis says. "Six hours tell the tale. The victim either dies or recovers totally. So I believe the second drug really is datura, a powerful hallucinogen made from a plant that induces amnesia and psychosis and keeps the victim dependent on those who poisoned him."

The poisoning of the victim's mind is even more devastating. It is the real power of voodoo, Davis says. To blame zombification on poison alone is to miss the point entirely.

"What must be considered, and no Western scientist has ever considered this, is that the poison doesn't make the zombie. The bokor needs the complicity of the victim. The poison produces a condition, but that condition is mere raw material to be worked by cultural forces and expectations."

TO THE BELIEVER in voodoo, man is the balance of many forces, one of which is the *ti bon ange*, the "little good spirit" that gives each of us his identity and personality. Death to the voodooist is fearful not for its finality but as a critical time when these components of man separate, leaving the *ti bon ange*, in particular, vulnerable to sorcery.

"When you die, your spirit goes below the great water," Davis says. "A year and a day after your death, it must be ritually reclaimed by your family. It's put in a little jar.

"The ultimate act of zombification is for the voodoo priest to capture the victim's *ti bon ange* — his personality — and carry it off in a jar. The victim, conditioned since childhood, believes the priest has the power to do this. The victim understands what a zombie is, knows why a zombie has been made, is himself now a zombie. Part of his soul, his very will, is being held for ransom by a sorcerer.

"This is the critical act in the making of a zombie. An unnatural death is one way a priest can capture the *ti bon ange*. It also gives the shaman an obvious out, if the poison doesn't work. Should the victim die, the priest can rationalize it as a call from God and thus beyond the reach of sorcery. Conversely, if the poison has no effect, the sorcerer can ascribe it to the intervention of another benevolent voodoo priest

who counteracted the spell.

"But when it does work, imagine the psychological impact! The victim goes through a trial and is condemned. He is poisoned, paralyzed and may hear himself pronounced dead. He goes into his coffin. He's buried. He's taken out and beaten, told he's a zombie, given a new name, fed a drug that brings on delirium. This drug, datura, is known to cause amnesia in cultures throughout the world. A violent, powerful drug, the kind that makes you jump off rooftops. It gives visions of hellfire. Victims commonly drown themselves in attempts to slake their fiery thirst. This is not a mild drug.

"The total experience, I believe, succeeds in blowing the victim's mind. How could anyone survive? There's an expression in Haiti: 'In your village, you aren't killed. You kill yourself.' This is why zombification is the ultimate social sanction. And why the peasant keeps himself a zombie.

"In our culture the electric chair is a similar symbol. Very few people ever have to face it, but as a boy I grew up with that specter. It influenced my moral code. I say the same thing about zombies. And it is just as unfair to judge Haitian peasant society by the existence of zombification as it would be to judge our society solely by the electrical chair."

Zombification is normally a life

sentence, Davis believes.

"I asked a voodoo priest and he said all you have to do to restore a zombie is to return the *ti bon ange* to him. On the other hand, the priest said: '*Blanc* [white],' if you were a woman, would you ask an ex-zombie to dance?"

"He meant that a zombie becomes a zombie for a particular reason and suffers a form of social death. As such he is a pariah."

* * *

DAVIS still has many questions about how voduan society lives and survives: "To what extent do the secret societies function? What is their relationship to West Africa? How did the Duvalier regime manipulate them to maintain its power base? What's really going on in the heart and belly of the nation? These questions will bring me back to Haiti."

He left abruptly after he had been invited to join a secret society and was preparing for initiation.

"I crossed a certain threshold," he says. "I was about to take the vows of silence to protect the secrets. I was told I could observe the making of a zombie. By then they were demanding so much money from me — thousands of dollars — that it could have been used to create a contract. I might have been buying a hit. I thought I had an important story to tell. It was time for me to get out."

So long as there is Haiti, there

will be voodoo with its unique vision of law and order, Davis says with conviction.

"Absolutely. The tradition will never be lost. To ask why there's sorcery in voodoo is to ask why there's evil in the universe. The answer is the same that Krishna

gave to a disciple: to thicken the plot.

"Yet who are we to cast stones at his religion? The purpose of science is not always to pronounce absolute truths but to produce better ways of thinking about phenomena. That's what my research is about."



ESCAPE ROUTE

IN A SERIES honoring native American crafts, the U.S. Postal Service recently issued stamps showing Navajo rugs. But the stamp designer left out the most important feature of all Navajo rugs: the tassels on every corner of every rug. The tassels are important because every weaver weaves a "spirit" into her rug. The tassels exist to allow the spirit to escape. — *Paul Steiner.*

LINDOW MAN II

THE BRITISH magazine *Archaeology Today* in its April 1987 issue reports the finding of another ancient human body in a peat bog:

"On the conveyor belt taking peat up to the disintegrator, a flap of human skin fell into view. It was February 6, 1987, only a few years after two other ancient human bodies had been found in this peat moss, near Wilmslow, Cheshire."

The manager of the work stopped the peat processing immediately and called in the two workers who had lifted the first Lindow Man, Rick Turner, Cheshire County Archaeologist, and Velson Horie,

Keeper of Conservation, Manchester Museum. Over the next few days, emergency excavations were undertaken by a team of archaeologists and conservators to recover the remaining fragments of the body, which appears to come from the same layer of peat as the head of Lindow Woman (discovered in May 1983) and Lindow Man (August 1984) which survived from 2000 years ago. (See Michael Goss' "Bog Man of Lindow Moss," May 1985 FATE.)

The newly recovered remains have been deposited at the Manchester Museum (Manchester University) for safekeeping.

MY PROOF OF

SURVIVAL

FATE will pay \$10.00 for each story published in this department. Stories must deal with an actual experience proving spirit survival. They should be less than 300 words and typed double-spaced on one side of the paper. They may be mailed to FATE Survival Editor, 3510 Western Ave., Highland Park, Ill. 60035. Manuscripts must show author's name and address and include a stamped self-addressed return envelope.

THE TARDY ORGANIST

By Doris M. Humphrey

I WAS TWELVE in 1937. I had been playing the piano since I was six, and my teacher suggested that I study the pipe organ, too. My organ teacher was Miss Jessie Ayers Wilson, organist at the Presbyterian Church in Sidney, Ohio, an unusually well-trained person for such a small town. She had studied in Paris before World War I. At 72, Miss Wilson was a spry elderly lady who traveled to New York every summer to renew her wardrobe, have her hair styled and tinted blue, and improve her organ skills by studying with a highly recommended teacher.

Miss Wilson and I had been practicing an organ-piano *Prelude* by the French composer Faure. On the first Sunday in November when we were to play the *Prelude*, I got to the church early, nervous and afraid

that I wouldn't be able to play well enough. Miss Wilson and I were supposed to begin the music at 10:30. I waited at the grand piano in the sanctuary for Miss Wilson while the choir waited in their robes behind the chancel.

When the organist had still not appeared by 11:00 A.M., the minister phoned her home. There was no answer. I wondered nervously



Doris M. Humphrey

what had happened to Miss Wilson. I turned my head in the direction of the open door to the room where the choir put on their robes. In the doorway I saw Miss Wilson, wearing her dark red robe with the white collar, her blue-tinted gray hair piled in curls on her head. She smiled, put a finger to her lips and shook her head slowly from side to side. Then she disappeared.

A group from the church found her lying on her living room floor. Miss Wilson had died from a stroke the night before.—*Rockville, Md.*

THE GLOWING MAN

By Deborah J. Winquest

ONE NIGHT about 10 years ago my cousins and I were staying in the basement of a friend's house in the woods of northern Michigan. Long after everyone had retired, I suddenly awoke and sat up in bed, wondering what had brought me out of sleep. I looked at the bed next to mine and saw my cousin Raegan Enderich sitting up and gazing toward the stairway leading out of the basement. At the foot of it stood an elderly man, a stranger to me, with white hair and beard, wearing a white robe. He had a strange kind of glow all around him.

He just stood there not speaking, then turned and walked up the steps and was gone. Raegan and I decided to keep our experience a secret. If we were to tell people, they would think we were crazy.



Deborah J. Winquest

The following day I asked the owner of the house what the previous owners were like. He told me, "The house belonged to my father, but when he passed away it was given to me." He pointed to a picture on a table — and there was the man we had seen the night before standing at the basement stairway.

Had I subconsciously noticed the picture the day before and just dreamed it all? But then why did Raegan also see the glowing man? —*Detroit, Mich.*

ROSEMARY'S LEGACY

By Jo Truman

ON AUGUST 26, 1981, my dear friend Rosemary Schoneman of Satellite Beach, Fla., passed away after a nine-month battle with lung cancer. She was survived by two sons and a daughter. We were as close as sisters, although we had known each other only about two



Jo Truman

years. When Rosemary had her will drawn, I was named executrix. Both of us had a strong interest in parapsychology and often discussed whether the dead could contact the living.

Rosemary's adult children flew to Florida to be with her when she was hospitalized for the last time. After the funeral, her sons stayed a few days, but her daughter Carol decided to remain in Satellite Beach and, with a roommate, keep the apartment. They divided their mother's possessions, located car title, apartment lease and such, but could not find the will or the life insurance policy. After the sons went back to Virginia, I tried to help Carol.

First I went into the bathroom, which Rosemary had painstakingly decorated with pink fuzzy carpeting, pink satin shower curtain, big fluffy pink towels and accessories.

She felt rich bathing in luxury. "Please, Rosemary," I pleaded. "Where's your will and insurance policy? Your kids need them to settle things." I felt her presence in that room.

I heard, although not audibly, "As a mother, didn't you save things your kids made when they were little? Hand-drawn cards, pretty pictures, important papers. . . ." The feeling of her presence faded.

I questioned Carol about things they had made their mother when they were children.

"There's a box of that junk for the trash," she replied. "We rifled through it, but it's not worth keeping."

"Look again," I advised. I was convinced that Rosemary had gotten through to me that her important papers were with her prized possessions.

They were.—*Palm Bay, Fla.*

MOTHER WAS WAITING

By Sylvia King

JUST BEFORE my mother died in 1978, she said to me, "I'll be waiting for you."

I never imagined I would be with her during a near-death experience seven years later and live to write about it.

In May 1985, I underwent heart surgery for a quadruple bypass at Peninsula Hospital in Burlingame, Calif. I did entertain the thought that something could go wrong, but



Sylvia King

I had faith in the surgeon and most of all in God. I did not want to die because I did not want to leave my husband, children and grandchildren.

But as my surgeon, Dr. James Ullyot, later admitted, a crisis arose during surgery and that was when I had my near-death experience.

I suddenly found myself in a vast place where a visible atmospheric vapor was swirling about. In the distance I saw a huge door with no handle and heard a multitude of voices coming from behind it. I could not understand what was said and, although everyone seemed to be talking at once, it was a comforting sound. As I looked up I saw my mother appearing out of the mist.

She took my hand and said, "Come with me."

I said, "No."

Again she insisted, "Come with me."

I suddenly realized I had to decide to go with her or return to my family.

The third time she said, "Come with me," it was almost a command.

I answered, "I don't want to go with you. I don't want to leave my family," and then I pulled my hand out of hers. As I did so, I could feel an overpowering love from my family and I believe it was only their love that brought me back.

When I awoke in the cardiac intensive care unit, the first thing that came to mind was my near-death experience. As I lay there with my eyes closed, I heard one nurse remark to another, "Boy, they almost put her lights out permanently today."

That left no doubt in my mind that I had truly been with my mother and that she was waiting for me as she had said she would.

Before I had my near-death experience, I must admit I was skeptical when I heard others tell about such experiences. As a nurse, I believed, like some doctors, that the experience was just a dream induced by drugs, stress, anesthesia or chemical changes in the brain. I know better now.—*San Lorenzo, Calif.*



A CURIOUS CREATIVE INCIDENT

The play was excellent, the acting was perfect —
and it was all happening for me alone, in the theater of my mind.

By Robert Weinstein

A BIZARRE episode sent me scurrying to bookstores and libraries for an explanation which my own mind and experience could not furnish. What I discovered opened up a whole new world for me, a world of superconsciousness, a world of parapsychology, a world of undreamed-of inner reality, a world that teeters between fantasy and madness. I also acquired a new and deep appreciation for concepts modern science has barely touched.

The beginning was simple and ordinary. Like millions of other people I retired at age 65, secure, healthy and still active. The curse of being a workaholic had me playing and exercising as hard as I had ever worked. It was not enough. The acceptance of an article I wrote about a dream I had* encouraged me to write as a way to pass the time happily.

Luck was with me and the harder I worked at writing, the luckier I

became. In 1985 I wrote a one-act play, *Free Choice*, based on some personal experiences. My first try at selling this play was successful. Eldridge Publishing of Franklin, Ohio, patiently urged me to make some revisions and additions. I did so and Eldridge purchased the play. It is important that I add that the writing of this play was an intense, time-consuming effort which mentally and physically exhausted me.

My next effort was a three-act play, *The Second Resurrection*. Its premise was that God, unhappy with the evil world that has evolved since He sent Jesus to bring a message of love and peace to mankind, now sends a daughter to carry His divine message. After some harrowing experiences in a hostile, unbelieving world, all ends happily. I offered this play first to my previous benefactor, Eldridge, which purchased it without any suggestions for revision or correction. Perhaps my writing was improving. Again I emphasize that the writing of this play was long-drawn-out, painful

*"Last Night I Dreamed of Ruth," April 1986
FATE.

and tiring. I revised it a dozen times before I sent it out.

One morning shortly after I sold my second play, I was pleasantly tired. I had ridden a bike 10 miles that morning, then swum 50 laps in the pool. I was seated comfortably in a quiet, secluded area. I had no book to read, no radio to listen to, no writing materials before me. I was just resting, my mind a complete blank.

The warm sun and the solitude gradually lulled me into a state of lowered consciousness which bordered on sleep. I was drowsy, almost dozing, willing to let go of consciousness, yet not relinquishing a small, tenuous hold on wakefulness. Physically it was as if I were asleep, for I was motionless, breathing slowly and deeply. Yet I was awake in the sense of being aware of my external surroundings. In short, for all intents and purposes, my body was relaxed in sleep, but my mind clung to a shred of consciousness.

That bit of consciousness alerted me to something that was happening in my brain. My eyes were three-quarters closed. I seemed to have blocked out external sounds such as the twittering of birds and the whisper of the breeze in the tree branches. This peculiar state, perhaps best described as a reverie, enabled me to recognize an inner event. It was definitely not a dream but a mental vision.

I was conscious of this inner



ROBERT WEINSTEIN is a retired businessman who lives in Florida. Born in Brooklyn on July 18, 1912, he served in the army air force and prepared attack orders for B-29 bombers, including the *Enola Gay* which bombed Hiroshima. He now pursues a writing career.

reality, seeing and hearing with perfect clarity in my mind's eyes and ears a remarkable series of scenes. The sensation was not very different from actually witnessing a real performance.

Mind you, I had just sold a play and was eager to continue my lucky streak. Possibly this affected what happened in my head. I should also explain that I had always been interested in mathematics as a

hobby and I also had a small part in the atomic bombings of Japan in World War II, when I was in Operations (A3) of the 20th Air Force based in the Marianas. I mention these points because the play concerned a complex mathematical formula and the timely development of the atomic bomb.

I was not cognizant of how much time elapsed during this event but I now guess that less than an hour passed between the time I drifted into my reverie and the time I returned to full consciousness.

AS I remained in the state of near-somnambulism I saw the lit footlights of a stage. A stage curtain was fully extended in the "down" position. I was not conscious of any other spectators. The lights dimmed and faded; then the curtain rose.

There were two middle-aged male actors on the stage. I did not recognize either of them; they were definitely not any well-known, recognizable stars of stage, screen or television. I must say, however, that they were well-suited to their roles as prominent scientists on a vital mission. These actors spoke their lines and acted out their parts perfectly. They had excellent speaking voices, I thought, although in reality no words were being spoken that ears could hear. Yet I had no difficulty distinguishing every word, and why not? The entire dialogue was

originating in my own head. Still, everything seemed perfectly normal, natural, regular.

A complete presentation of a coherent, meaningful one-act play followed, with no interruptions or untoward incidents. The dialogue and the action were complete, realistic and sensible, or so it seemed to me. Two more members of the cast made their entrance and played their parts to perfection. Again, I did not recognize either character, although there may have been some resemblance, on the part of a boy of 12, to an older brother of mine when he was that age.

As the play unfolded in my mind, I was aware, naturally, that I was imagining it but I was pleased to have it proceed. When the curtain came down and the lights came on after the boy says the last line, I was in the position of a spectator who has just witnessed an event. By the way, there was no applause, no curtain call. Just as a viewer might remember a television show he has just seen, I remembered the characters, the dialogue and the plot of had seemed to appear before me.

The vision before my almost-closed eyes disappeared. I shook myself with a shudder to full alertness. I had no doubts I would retain what I had imagined because I was shaking from the experience of witnessing a nonexistent event. Nevertheless I hastened to get pencil and pad and wrote out the play in its

entirety. No effort or inventiveness on my part was required. All I had to do was to write out the 22 pages of the play just as it had taken place in my head. I did provide a title, *The Sign*, from a line the mother of the seemingly-retarded boy speaks.

* * *

I THINK *The Sign* is a legitimate play but of course it is not for me to judge its merits. In a manner of speaking I saw the first and only performance to date and it seems to me that *The Sign* makes a useful contribution and is entertaining and thoughtful.

Naturally I was curious about the mysterious process by which this creative event had taken place. I searched for answers and eventually found a book, *Frontiers of Consciousness*, edited by John White. This book is a compilation of papers by learned and prominent scientists and authorities in the field of the conscious and unconscious mind.

These experts discuss such areas

as mental activity, meditation, aberrations and (to me) inexplicable inner mysticisms. FATE is mentioned prominently for its presentation of authenticated anecdotal experiences in many phases of what I call the inner world. This inner world includes the occult, hypnotism, yoga and other aspects of mental activity, controlled or spontaneous.

All of my efforts to duplicate the semihypnotic trance I was in — I have difficulty describing exactly what it was — were to no avail. Some scientific studies intended to influence dream content by suggestion have been made, with some small success, but much work remains to be done in that field.

Perhaps a way will be found some day to unleash the full power of the human brain. Perhaps that is the way the world will find peace, serenity and happiness for all, for surely these desirable ends are in the realm of the mind, and the mind only.



UNEMPLOYED ELEPHANTS PROTEST

NEARLY 100 hunger-driven elephants went on a rampage in a remote village near Dhaka, Bangladesh. The elephants, which smashed huts and trampled rice fields, had been hired by a logging company to transport logs. The business closed down and the owners were unable to feed the elephants after failing to find work for them.

Parapsychology Today

OTHER LIVES THAN THIS

Part II

By D. Scott Rogo

IAN STEVENSON, a University of Virginia psychiatrist, has pioneered the scientific study of reincarnation. His books and papers on the subject have described his investigations of Asian men, women and children who say they remember previous lives. In some instances Dr. Stevenson has found that these "memories" coincide with real events from the lives of the deceased persons who supposedly have been born again in other bodies. Other cases, such as one involving Jasbir Lal Jat of Rasulpur, India, contain features difficult to square with reincarnation as it is traditionally conceived. In this instance young Jasbir was found to have assumed the personality of a man who died three years after Jasbir was born.

Stevenson's work has established clear patterns in reincarnation cases and shown that cultural expectations influence the way children experience and report rebirth memories. For example, rebirth cases in which a child reports a change of sex tend to occur in those cultures that teach the possibil-

ity. Skeptics argue that features such as these suggest the stories stem from fantasy or fraud, but Stevenson thinks that when someone dies he may plan his next incarnation to conform to his own deeply-held beliefs about what the next life is like.

DR. STEVENSON does not think he has proven reincarnation. He has pointed to certain weaknesses in his cases. Speaking before a meeting of the Parapsychological Association in Edinburgh, Scotland, in 1972, he outlined what he felt to be the "perfect" case of reincarnation. Such a case, he said, should meet six criteria:

(1) The subject being studied should recall his past life in considerable detail.

(2) Someone (a relative or a friend) should have kept a written record of these claims before they were investigated.

(3) The information would turn out to be correct when it was investigated.

(4) The subject should also display forms of behavior typical of those

associated with the deceased person.

(5) The child should also bear a wound or mark linked to marks on the body of the donor personality.

(6) If the donor personality spoke a foreign language, the subject should also be capable of speaking it.

Since no single case meeting all these criteria has ever come to light, Stevenson declares his cases simply "suggestive" of reincarnation.

BUT THE main problem with Stevenson's research is that little of it has been critically scrutinized by other investigators. Since reincarnation research has never been one of parapsychology's central concerns, these case studies have rarely been given in-depth consideration by anyone but Stevenson. The publication of his *Twenty Cases Suggestive of Reincarnation* in 1966 did not spark the sort of scientific controversy that greeted the breakthrough publication of Dr. J. B. Rhine's *Extrasensory Perception* (which reported on his early Duke University research) in 1934.

Most parapsychologists merely acknowledged that Stevenson had embarked on an interesting line of research. They did not think, however, that it contributed much to the field's more pressing issues, such as the study of ESP and psychokinesis in the laboratory. This kind of controlled research dominated the field between 1930 and 1970.

This exclusively experimental paradigm within parapsychology be-

gan to change in the early 1970's when researchers stepped out of the laboratory to explore other dimensions of the paranormal. One result was a reexamination of the evidence for life after death. There was a renewed interest in reports of hauntings, out-of-body experiences and other paranormal phenomena ignored or disdained by most experimental parapsychologists in earlier years.

A few younger researchers took an interest in Stevenson's rebirth cases. Several came to work with him and went on to conduct their own fieldwork in Lebanon and India, seeking to replicate Stevenson's work, but their efforts produced more failures than successes. This is not to say that no one was able to find any evidential rebirth cases, only that no other researchers could find them so consistently as Stevenson had.

The first serious reconsideration of rebirth cases was made by Champe Ransom in the late 1960's. Ransom, trained as a lawyer, was a keen student of human testimony and standards of evidence. After taking a position within the University of Virginia's division of parapsychology, Ransom worked for a considerable time on his employer's cases before becoming disenchanted with parapsychology in general and with Stevenson's rebirth studies in particular. He was concerned primarily about those cases in which Stevenson had ferreted out information regarding older cases, often after the families of both the child and

the donor personality had met and shared details.

Ransom eventually wrote and submitted to Stevenson a private report stating that he could see little evidence for reincarnation in the cases. In every instance it looked as if the information either had been leaked to the child or could have been picked up normally. Ransom quietly left the field after reaching these conclusions and never returned.

It is unfortunate that Ransom never published his critical report so that other researchers could evaluate the problems he found in Stevenson's field investigations. Stevenson cites Ransom's nonpublication as evidence that his former colleague's report wasn't terribly devastating. In fact, Ransom knew that few parapsychologists were interested in rebirth studies. At the time he thought that only his employer would find it valuable. Ransom recently told me that in retrospect this may have been the wrong decision.

RATHER MORE public was the strange case of David Read Barker who was Stevenson's next research associate. Dr. Barker came to Stevenson's parapsychology division fresh from the University of Virginia where he had recently taken his Ph.D. in anthropology. As an anthropologist who had lived in India, Barker was the perfect person to undertake field studies in the Middle East.

Often working with psychologist

Satwant Pasricha, Barker looked into several promising rebirth cases in India but failed to find any that resembled the strongly evidential cases Stevenson regularly reported. While he never published a complete report on his unsuccessful search, in 1979 he wrote a letter to the *Journal of Parapsychology* declaring his disillusionment with reincarnation. He also left the University of Virginia.

What is so fascinating about the Barker affair is that eventually he and Pasricha came to hold diametrically opposed views on the evidentiality of rebirth cases — even about the cases they had investigated together. Barker and Pasricha published a detailed examination of the best of their cases in 1981 in the *European Journal of Parapsychology*.

The incident involved a boy named Rakesh Gaur. Rakesh was born in Fateh Nagar (in Rajasthan, India) on March 15, 1969, the fourth son of a Brahmin postal worker. From boyhood he often talked of his past life in a nearby Rajasthan town, where he had been a member of the carpenter class. He remembered dying from electrocution, recalled his former name (Bithal Das) and often asked to be taken back to the town.

The most impressive episode in the case came in 1976 when a bus driver from Tonk, the neighboring city, stopped near Gaur's home and the boy recognized him by name. More evidential information was elicited when Rakesh was taken back to Tonk that

October. The child seemed familiar with the town and purportedly recognized some of his surviving relatives.

Barker and Pasricha looked into the case in 1978, when they met and interviewed some of the original witnesses. In due course Barker grew skeptical of what had once seemed a promising case. He found that the witnesses contradicted each other, especially concerning whether Rakesh ever spontaneously offered the correct name of the man he had been in the alleged previous incarnation. Some of the boy's information was clearly wrong and this fueled Barker's suspicion of his more cogent remarks.

He further felt that when Rakesh was taken to Tonk, many of Bithal Das' relatives, probably already convinced that he was their reborn relative, fed Rakesh the information he later volunteered. Most of the best information Rakesh put forth about his life as Bithal Das came when a large crowd gathered to meet him in Tonk. Barker suggested that people in the crowd could unintentionally have helped him by asking leading questions or openly talking about Bithal Das.

Despite his strong reservations, even Barker could not explain every feature of the case, which led Pasricha to reject her colleague's skeptical evaluation. She points out in her rejoinder to Barker that two witnesses heard, or claimed they heard, Rakesh spontaneously mention Bithal Das' name before the case came under

investigation. She also reported that many of Rakesh's earliest statements regarding his past life were quite specific and were not the unfocused and confused impressions typical of pure fantasy.

Weak or strong, the case of Rakesh Gaur illustrates an important point. It proves that two seasoned researchers, both sympathetic to parapsychology, can look into the same case and come to very different conclusions. The Rakesh Gaur case implies that few rebirth cases are as clear-cut as they seem to be in Stevenson's reports. In fact, Stevenson's cases may look impressive only because we are reading them specifically through his personal perspective.

Could it be that Stevenson is a credulous or careless investigator who uncovers so many seemingly evidential cases because he is less critical than Ransom and Barker? Or has Stevenson found impressive cases because he has investigated far more reincarnation episodes than anyone else?

Some indication of a pervasive bias in Stevenson's work can be found in his publications. In his seminal *Twenty Cases Suggestive of Reincarnation*, for example, Stevenson writes briefly of a case he studied in India. The central character in the story was a little girl named Mallika who in 1956 took a liking to her parents' boarder. She would later recall a past life as the boarder's deceased sister-in-law.

The case was not particularly

strong, as Stevenson himself acknowledges. But it eventually came to light that while speaking with one witness (Mallika's father) Stevenson asked the boarder — who desperately wanted to believe Mallika — to translate for him. This was a major error. It is unlikely that, considering his feelings, the man provided an objective translation. What is worse is that this highly relevant piece of information appears nowhere in Stevenson's report.

A similar flaw can be found in Stevenson's report on the Mounzer Haidar case, in which some of the evidence related to the child's curious birthmark. (Mounzer's birthmark matched the spot where Jamil Souki, his alleged past incarnation, was killed by a bullet.) Stevenson indicated to Mrs. Souki where Mounzer's birthmark was located before she verified that it matched her son's wound.

Because of these kinds of problems some parapsychologists remain suspicious of Stevenson's cases. More recently, Stevenson was joined in Virginia by Emily Williams Cook who was working toward a degree in comparative religion. She looked into 35 rebirth cases reported from Lebanon and conducted a field investigation in the Middle East. Although some of these cases seemed paranormal, Cook had enormous difficulty gaining critical information on the cases. These problems often had to do with cultural and language factors but there were also problems with the evidence itself. Cook later left Virginia to finish her

education at the University of Edinburgh. It should be emphasized that she did not become disillusioned the way Barker and Ransom did, and her move had nothing to do with the equivocal outcome of her reincarnation research.

We should not reject all of Stevenson's research because of these problems. Some of his best cases were originally studied by earlier investigators whose work Stevenson merely sought to verify. Some of these cases are strongly evidential.

Particularly impressive is the case of Kumkum Verma. In this instance a relative kept a detailed record of the child's statements long before her parents ever met her "previous" family in Urdo Bazar. Moreover, Pasricha convincingly responds to many of Barker's criticisms of the Rakesh Gaur case. At the very least the case is still open.

IN CONCLUSION I think we can say that while Stevenson's findings are not entirely convincing, he has certainly proven that cases of the reincarnation type deserve careful study. Some of his best cases suggest that the child really did tap into information he or she couldn't have come by normally. The real problem is that few researchers have spent enough time in India, Sri Lanka, Lebanon or other countries to either replicate or discredit Stevenson's investigations. Nor have any parapsychologists reinvestigated Stevenson's best cases to

determine if they would hold up under independent scrutiny. Replication has never been easy in parapsychology, and the replication of the findings of such difficult fieldwork remains a constant challenge to those few parapsychologists interested in reincarnation.

But the biggest question may be whether these cases point to reincarnation or to some other phenomenon. Do

cases suggestive of reincarnation imply literal rebirth? Could they result from a form of spirit possession? Or could the children be using some sort of super-ESP power to reinforce childhood cultural fantasies?

All these possibilities must be considered as research into these cases continues. It will be fascinating to see if they can ever be resolved to everyone's satisfaction.



JACKPOT DREAM

By John Ellis Sech

THE DREAM had been so real, so vivid. Money, buckets of the stuff gushing forth from a slot machine. A seemingly unending torrent of currency. Pearl Anderson awoke with a start, her heart pounding. She told her husband Ralph the events of her dream. To her surprise he suggested she do what her dream had told her to do.

And that's exactly what Pearl Anderson did on September 1, 1987. When she finished her swing shift as a nurse's aid at Kaiser Permanente Medical Center, she drove from her hometown of Oakland, Calif., to Reno, Nev. She

walked into the Club Cal Neva at 2:00 A.M. heading straight for the \$3.00 slot machines.

On her second play she watched as five sevens came up on the slot, and then pandemonium broke loose. Pearl Anderson had won \$1 million!

Shortly thereafter her husband Ralph arrived in Reno flown there on the club's private jet. Not only had Pearl become Nevada's newest millionaire, but the mother of five and grandmother of 18 had become the most sought after woman in the state receiving three proposals of marriage.



I DREAMED THE WINNING RACES

My vivid dream urged a bet on horse number 5 in the fifth race — but horse number 5 was a 30-to-1 long shot.

By Albert W. James

OVER THE YEARS I often have read or heard about the disbelief in any kind of extrasensory perception expressed by scientists and prominent lay persons. They brush aside as fabrications or coincidence the numerous reports of people who have had precognitive dreams about aircraft, train and ship disasters. I do not share their skepticism because I have had experiences of my own that prove the reality of precognitive dreams.

My dreams were not about death or disaster but concerned the less sensational matter of making money at the racetrack. My first dream experience occurred in 1984, when I was just becoming acquainted with the intricacies of racetrack betting, such as the difference between Quinella, Exacta and Triactor wagering.

I dreamed I was leaving my apartment block in Vancouver, B.C., Canada, with race card in hand when I met a friend who asked where I was going. When I told him I was headed for the racetrack, he said, "Buy the fifth horse in the fifth race."

I replied, "That's very strange because that's the same horse I intended to bet on anyway."

The dream was vivid. I awoke and wrote down the numbers. Checking the evening paper for the races at Exhibition Park, I found that Number 5 was a long shot. Somewhat dejected, I returned to sleep, deciding I'd had just another meaningless dream. In any event, I was low on funds and had little to bet.

In the morning, a Saturday with the promise of beautiful weather, I

listened to the radio forecasts of the track selections. Number 4 was listed as the favorite in Race 5. I went early to the Exhibition Park race track and found that Number 5 was listed on the race program as a 30-to-1 longshot. With a great deal of hesitation, I placed a \$10 straight win on Number 5 and countered with a \$2 Quinella on Number 4, the favorite.

The race was a marvel to behold. Number 4 led all the way up to the home stretch, when as if from nowhere Number 5 came charging down the track to win by a head with a handsome payoff. Needless to say, I was thrilled, but somewhat disgusted with myself for not fully accepting the dream and placing a larger bet.

My second precognitive dream, on December 27, 1985, involved the name of the horse, "Jocko," one I had never heard of before. In the dream I was cheering the horse down to the home stretch as he came in to win. In addition, the dream revealed that horse Number 9 had been dropped from the race.

On racing day at the Cloverdale

Race Track a horse by the name of Jockopero was substituted for horse Number 9 in the fourth race — just as in my dream — and won the race with a handsome payoff on an Exactor bet. I was thrilled and vowed never again to doubt my vivid dreams.

My third precognitive experience, on May 6, 1986, was even more exciting. I had dreamed of the numbers 7 and 9 in the eighth race at Exhibition Park, clearly shown on a tote board. The dream again was vivid and I wrote the numbers down.

I went to the track that day with just \$2 to lose. A normal bet on an Exactor ticket is \$4, which guaranteed a win if the two numbers selected win or place in any order. With a \$2 bet the win, place selection cannot be reversed and the odds are greater. My choice of Number 7, Sassy Tan, and Number 9, Jovial Liz, came home in the exact order and paid over \$100.

As I write this, I am awaiting my fourth winning dream and when it comes I will be off to the tracks somewhere.



LATE VICTORY

A DEAD MAN won the race for San Mateo County sheriff, Redwood City, Calif., election officials announced in June 1986. Incumbent Sheriff Brendan Maguire, 53, who died of a heart attack on April 21 in the midst of the campaign, won an overwhelming victory over Jim White, 31, a security guard at the U. S. Mint in San Francisco. A special election was held and an interim sheriff appointed in the meantime.

BOOKS

NEWS & REVIEWS

by D. Scott Rogo



ENTITIES

FEW WRITERS on psychic phenomena try building large-scale models of the paranormal. A notable exception has been Hilary Evans, a British theorist who tried making sense of reports of phantoms and extraterrestrials in his previous book *Visions, Apparitions, Alien Visitors* (reviewed in December 1984 FATE).

Evans has now gone a step further. His new book is devoted to mankind's encounters with nonhuman beings, including gods and angels, the Blessed Virgin Mary, folk creatures, apparitions, seance-room materializations, Space Brothers and more.

Gods, Spirits, Cosmic Guardians (Aquarian Press, Wellingborough, Northamptonshire, England, 1987, 287 pages, \$12.95, paperback) does not repeat the same material used in its predecessor, so it isn't a simple rewrite of *Visions*, although its theme is similar. This new book is rich in new cases, many of them drawn from French-language source material, a body of exciting literature relatively unknown in this country. But the real significance of the book lies in its attempt to explain these phenomena to the readers, not merely to titillate them. The first 177

pages present the book's primary case material; the next 60 pages present Evans' theory to explain it.

Of course any theory that takes so long to detail cannot be adequately summed up in a paragraph, but let me try:

Evans begins by showing throughout his book that these encounters seem to be culturally determined. In other words, people tend to experience encounters with nonhuman beings their culture either believes in or considers possible. For this reason the apparitions of the Virgin Mary appear in Catholic communities and visitors from Mars first occurred when society entered the Space Age. This fact alone is enough for Evans to reject the literal reality of these entities.

He next shows that all of us possess the capacity to experience hallucinations, even if we aren't psychotic. New research in psychology demonstrates that even healthy persons can dissociate (i.e., split off) part of the mind, then reexperience it as an independent "entity." This power is commonly seen (pathologically) in multiple personality and (nonpathologically) in the "spirits" conjured up through Ouija boards and the like. So Evans suggests that under

BROTHERHOOD OF THE WHITE TEMPLE, INC.

Dept. F, Sedalia CO 80135

BOOKLETS

\$2.00 each; 6 for \$10.00.

Astro-Chemical Analysis
The Authentic St. Germain
Symbolism of the Life of Jesus
Reincarnation. Life After Death
Mysteries of Mt. Shasta
Atlantis & Lemuria
Christ and the Last Days
Concentration & Relaxation

Four Gospels (Interpretation)
By Doreal \$5.00
Four Planes of Healing
By Doreal \$5.00
Symbolism of the Great Pyramid
By Doreal \$2.50

No obligation — send for FREE literature.
"Master of Destiny," "Light on the Path"
& Truth Sheet.

Past Life Readings



Of Remarkable Insight...

Channeled in a deep trance state from the Akashic Record, these Readings paint a graphic picture of your personal past life history - describing who you were, where you lived, what you did...AND how important Karmic patterns are affecting you now.

The deep insight and practical guidance included has helped thousands resolve long-standing problems and accelerate personal evolution. For your personal Reading on cassette tape, send your full name, signature, up to three specific questions, and \$35 to:

NEW LIFE RESEARCH,
Box 22467-F, KC MO 64113

free brochure with excerpts available on request.

certain psychological and social conditions we sometimes create cosmic psychodramas (i.e., encounters with non-human entities) in which we take the starring role.

This does not mean, however, that these experiences are always hallucinatory and subjective. Evans is wise enough to realize that some phantoms must be partially objective. Perhaps, he implies, we use psychokinesis to objectify these subjectively-generated creations. They might best be called "thought forms," a phantom often discussed in occult literature and at times in parapsychological writing.

Does this theory work?

To evaluate it, we have to ask two questions. *Should* all forms of non-human encounters be explained by a single universal model? And does the mind have the capacity to produce such rich subjective experience?

The first question is the easier to answer. Although it is true that much visionary experience is subjective, some anomalous encounters seem totally objective and probably unrelated to each other. Let me cite three examples:

(1) On November 5, 1975, Travis Walton and six of his coworkers saw a UFO near Snowflake, Ariz. When Walton ran toward the object, a light zapped him and his friends fled. Five days later he reappeared near town and told of his kidnapping by the craft's alien occupants.

(2) Beginning in April 1968, a white figure representing the Virgin Mary materialized atop a Coptic Church in Zeitoun, Egypt. It appeared day after day and was photographed repeatedly.

(3) Dr. Joseph Venzano attended a seance with the famous Italian physical

medium Eusapia Palladino on June 16, 1901. During the darkened sitting a phantom materialized. It perfectly resembled a deceased friend of the scientist's, even down to some lost front teeth.

I see no reason to believe these three incidents have anything in common. Certainly no single mind "produced" the Walton sighting or the Zeitoun encounters. The Snowflake incident, in fact, suggests that some nonhuman encounters should be taken literally. (The alternative explanation, that the story was a hoax, has been effectively refuted by such investigators as Jim and Coral Lorenzen and Bill Barry.) So the first problem I have with Evans' model is that it is unnecessarily inclusive.

Granting that some nonhuman encounters could be physically real, what about the rest? While Evans' para-

normal-psychodrama theory is plausible in some instances, it still must be shown that the brain can produce such hallucinations. Evans makes an excellent case for the theoretical possibility. Such phenomena as dissociation, multiple personality and even channeling show that the mind can fool itself with its own elaborate charades. But what bothers me is how *different* most hallucinations (especially nonpathological ones) are from the types of experiences with which Evans fills his books.

Visual hallucinations in normal

☆ **MIRACLE DOLLS** ☆

Ancient legend states that the Miracle Dolls bring wealth, health, happiness, and love to their owner. Absolutely guaranteed. Free instructions. Send \$6 to:

UNIQUE EXPRESSIONS
1044 Pacific, Suite 4
Santa Monica, CA 90405



Find your hidden powers, your intuitions and abilities with . . .

STAR+GATE

This original and unique self-development concept leads you to vital insights and decisions ... and yet it is a fascinating game. It makes self-discovery fun!

As you play, you discover real solutions to real questions. Your creative and intuitive faculties are stimulated. You find new insights into your life. Exciting, engrossing, STAR+GATE can be played by one person or by a group.

NOW AVAILABLE—the STAR+GATE Deluxe Bookshelf Edition. This comprehensive package contains 96 two-sided Symbolic Cards and suede-like vinyl Sky Spread gameboard, the basic tools you need to make a decision, explore a situation or find new options. The book **Keys to the Kingdom** tells how STAR+GATE works and the different ways to use this fascinating game to develop your latent powers. **Order yours now!**

Price \$32.95

Plus P/H \$4.50 U.S.A., \$7.50 Foreign. Send payment, printed name, address to:

VENTURE BOOKSHOP
P.O. Box 249, Highland Park, IL 60035



"YOUR LIFE IS WHAT YOU MAKE IT!"

There is a secret of Success:

"You can have what you want; you can be what you want to be; and you can do what you want to do if you learn to use the power that lies within you."

WRITE NOW FOR A FREE BOOKLET containing information about this remarkable course of training for personal development and self-improvement. ACT NOW: This may very well be the stepping-stone to the achievement of your desires.

FREE BOOKLET—WRITE TO:

HUGH G. CARRUTHERS FDN.
P.O. Box 460
Libertyville, IL 60048

PSYCHIC BIORHYTHMS

After 15 years of Research and Testing, the Biorhythm Research Association has pinpointed your PSYCHIC BIO CYCLE. Use for knowing your best days to play hunches, take chances, for channeling, reading others, and any other activity where you tune into other dimensions. Be a Research subject—help us in our quest. For a FREE Report send birthday and \$1.00 P/H. to PSYCHIC BIORHYTHMS, P.O. Box 5709, Akron OH 44372.

MOVING? Don't risk missing a single issue of Fate. At least six weeks before you move, send us your new address, typed or printed. Attach the address label from the front cover of FATE and mail to: FATE/Subscriptions, 170 Future Way, Marion, OH 43302.

FATE MAGAZINE is available in microform from University Microfilms International.

Call toll-free 800-521-3044. Or write to: University Microfilms International, 300 N. Zeeb Road, Ann Arbor, MI 48106.



FREE CATALOG

Write for your catalog of great psychic classics, unusual books, games and devices — such as Ouija boards, dowsing pendulums, aura goggles and crystal balls.

Marking almost 40 years in the field, this extensive catalog is offered FREE by:

VENTURE BOOKSHOP, Dept. YJ
P.O. Box 249, Highland Park, IL 60035

people under sensory deprivation or stress tend to be fleeting and impersonal — that is, they never seem to have much personal relevance to the individual experiencing them. People in extreme isolation, for example, may "feel" invisible presences or even see phantom dramas unfolding before their eyes, but rarely do they take part in them. The witnesses usually play the role of passive observers. (An excellent paper on this subject is W. E. Anderson's "Abnormal Mental States in Survivors, with Special Reference to Collective Hallucinations," *Royal Naval Medical Service Journal*, October 1942.) The type of deeply personal hallucinatory psychodrama postulated by Evans simply does not exist in psychology.

That is not to say, I hasten to add, that Evans' theory is necessarily wrong. In fact, a few years ago I presented a similar theory myself in an attempt to explain UFO-abduction reports. I think Evans has offered a provocative hypothesis which probably does explain some psychic encounters. His writings on the cultural influences that interact with the entity experience are among the most sophisticated and enlightening I've ever read.

But I still think the encounter experience contains within it mysteries which defy Evans' effort to explain them. I recommend and applaud *Gods, Spirits, Cosmic Guardians* even as I think the entity question remains unanswered.

SOURCES

IT HAS always been difficult to find reliable sources of information on parapsychology, but recently Rhea White, both a parapsychologist and a

reference librarian, has started issuing some excellent guides to the field's literature. Four new and attractively-produced bibliographies (published in a large offset 8½-by-11¼ format) have come from her Parapsychology Sources of Information Center.

The most comprehensive is *Parapsychology: A Reading and Buying Guide to the Best Books in Print* (99 pages, \$12.00). Shorter but no less useful to teachers is *Parapsychology for Teachers and Students: A Bibliographic Guide* (30 pages, \$7.05). *On Being Psychic: A Reading Guide* (108 pages, \$15.00), encyclopedic in scope, is especially good. It contains complete listings of books, research reports and popular articles on psychically-gifted persons. Most of the bibliographies are fully indexed and include glossaries.

These guides can be ordered directly from the Parapsychology Sources of Information Center, 2 Plane Tree Lane, Dix Hills, N.Y. 11746. All prices are postpaid for North America only. Orders from outside the continent should include \$3.00 per publication to cover postage and handling costs.

OTHER REVIEWS

CHANNELING by William H. Kautz and Melanie Bronon, Harper & Row, San Francisco, Calif., 1987, 179 pages, \$14.95.


Longtime FATE readers may wonder why what used to be called "mediumship" is now referred to as "channeling." A reason for the change was suggested in something Marilyn Ferguson wrote a few years ago in her *The Aquarian Conspiracy* (1980). Some people with metaphysical interests, she said, believe

FIGHTING FAT?
Don't Fight It. Flush It.

Wanda Sue Parrott's
Bulge-busting
**"SUPER SECRET
FAT-MELTING RECIPE"**

Includes Bonus Section Entitled:
"DRINK AND SHRINK"
\$4.95

Foreign Orders add \$2 Postage
Order your copy today from:
PENNY PEEPHOLE
P.O. Box 1790, Studio City, CA 91604

The Occult Emporium  **102 NORTH 9th STREET
ALLENTOWN, PA 18102**

**OCCULT BOOKS
CURIOUS - SUPPLIES**

OCCULT CATALOG

Catalog price refundable. **\$2.00**

Phone 215-433-3610

Now YOU can practice . . .



THE ART OF THOUGHT READING

Dunninger has amazed millions with his feats of thought reading on TV. How did he decipher sealed messages, see through steel walls and read playing cards from a sealed deck? Here he reveals his methods — and here's the opportunity to put them to work in your life.

In simple language, Dunninger explains how to "tune in" to thought waves and receive mental images projected by others . . . how to combine common sense and an standing of people to perform seemingly impossible feats of mental telepathy.

NEW EDITION OF "The Art of Thought Reading" with Introduction by Walter Gibson, \$4.95 + P/H \$1.50 USA, \$2.50 Foreign. Send check or M.O. now to:

FATE Magazine
P.O.B. 249, Highland Park, IL 60035

their ideas will be "more effective if they are not identified with ideas that have been too often misunderstood." In other words, if you call this age-old practice by a new name, you can blur the definition and interest more people in it.

Channeling (subtitled "The Intuitive Connection") walks a line between defining channeling as access to unconscious knowledge hidden from the waking self and defining it as the use of the channel or medium by an "outside" entity. What the authors are more interested in is presenting a consumer's guide to channeling and encouraging channeling sessions for personal growth and problem-solving. They compare the position of trance channels today with chiropractors a generation ago and foresee the former group following a similar path toward respectability.

William Kautz is the founder and director of the Center for Applied Intuition in San Francisco. Melanie Branon is a freelance writer. It's not surprising that this book's Directory of Channels therefore lists in its "A" group those persons vouched for by Kautz's institute. More importantly, it gives some guidelines for the person wanting a session with a channel — which begins, interestingly enough, with picking a channel whose own expertise (medicine, business, spiritual development) matches the area of your questions.

The chapter on "Your Role in Your Reading" contains a checklist to help the questioner focus on what the real issues are: assistance through a period of transition at work or in a relationship, perhaps, or the desire to rid oneself of confusing fears or inhibiting emotional blocks. Then the chapter called "Your Life Is in Your Hands" discusses

how you can evaluate and integrate the information and insights you have received into your daily life.

The weaknesses in this book are two-fold. It tries to include some "how to channel" information but only in a once-over-lightly manner. Another 14 pages is given over to a "Vision of the Future" by Kevin Ryerson, the channel with the stage-Irish accent made famous by Shirley MacLaine. This is a lot of Sunday-supplement prophecy of the helicopter-in-every-garage variety. Ryerson tells us that before long the workweek will be 25 hours and people will be living compressed like atoms into "geospheres," futuristic cities "suspended above the earth . . . on columns made of thin strands of crystallized titanium and aluminum alloys produced in zero-gravity states." I can hardly wait.

To give him credit, Ryerson did pick early December 1987 for minor earthquakes in the Los Angeles area, but predicting earthquakes for southern California isn't really going "out on a limb."

Although there is good advice for the person considering channeling, the channels directory is almost totally restricted to California and the cover price may seem a little steep to pay for some basic good advice, a limited directory and Ryerson's prophetic generalities. — *Chas S. Clifton.*

UFO-ABDUCTIONS: A DANGEROUS GAME by Philip J. Klass, Prometheus Books, Buffalo, N.Y., 1988, 200 pages, \$18.95.

Publication of *UFO-Abductions: A Dangerous Game* marks the fourth

BEST SELLERS from VENTURE BOOKSHOP

These four pages contain the most popular titles in the Venture Bookshop collection of literature dealing with the World's Mysteries. All should be in your library. Please use the convenient order form attached for yourself or to select gifts for friends.

Sincerely,

Lois Silvers

A Classic Work By

ALLAN KARDEC

Revered Founder of Spiritism

THE SPIRITS' BOOK



"The Spiritualists' Bible"

The background upon which all Spiritualist beliefs and practices are set. **The Spirits' Book** fully states the Principles of Spiritist Doctrine, Over ONE THOUSAND questions are answered . . . all you've ever asked, and many you never thought of! This is the first English translation of the book, given to Mr. Kardec by the ascended masters in the middle of the last century. It is to the Spiritualist what the Bible is to the Christian.

Sturdy cloth binding, 431 pages.

Only \$17.95

Order today! Complete the handy order form attached and mail to Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

A BOOK OF LIFE . . .

OAHSPÉ!

Such books as OAHSPÉ (meaning Sky, Earth and Spirit) are given mankind but once each 3,000 years, at the birth of a new cycle in man's evolution. OAHSPÉ is a key to the past, a panorama of the present and a preview of the future. OAHSPÉ bridges the gap between the Seen and Unseen Worlds, explains psychic phenomena in terms anyone can understand, floods the mind with new LIGHT on life's every problem.

910 pages, 95 illustrations.

36 books in one volume.

36 BOOKS CONTAINING: History of Planets, History of Every Major Religion, History of the Human Races, Man's Origin, Purpose and Destiny Revealed, Secrets of the Sphinx, Secrets of the Great Pyramid of Giza, Secrets of Submerged Continents, Missing Link Between Man and Beast!



**REVEALS
THE
UNSEEN
WORLDS!**

OAHSPÉ tells of the spiritual forces behind the physical. Tremendous in scope, it embraces new knowledge, new worlds of which "modern" science as yet hardly is aware. Those seeking answers science cannot supply, will find them in this famed classic.

**36 BOOKS IN ONE VOLUME AT
A SINGLE-BOOK PRICE:**

Only \$25.95

BEST SELLERS from VENTURE BOOKSHOP



The Path For Adepts

Franz Bardon was a noted German occultist and authority on magick. These accurate English translations of his unique books make up a progress course leading to adeptship.

1. Initiation into Hermetics

... a course of instruction on magick in 10 stages, its theory and practice plus the mystery of the first Tarot card.

Only \$23.95

2. The Practice of Magical Evocation

... describes the little-known subject of conjuratory magick. Demonstrates that wonders and the supernatural exist only for humans lacking the basic laws of nature. Included is the mystery of the second Tarot card.

Only \$27.95

3. The Key to the Truth Quabbalah

... is the cosmic language in theory and practice. To speak in the quabbalistic way means to create things out of nothing. Through the ages the "master of the word" was always the highest initiate. The secret of the third Tarot card is included.

Only \$21.95

4. Frabato the Magician

A novelized version of Franz Bardon's occult career, in which he reveals his private magickal practices. Includes the revelation of the fourth Tarot card. First edition, 206 pages, paperback.

Only \$12.95

The BOOK of MEDIUMS By ALLAN KARDEC A Manual for Mediumship

The Book of Mediums is indispensable if you wish to develop your mediumship on a sound basis. For over a century it has served as a manual of instruction for Spiritists in France and Latin America.

The Book of Mediums gives directions for the correct development of your mediumistic talents, pointing out the dangers and emphasizing the need for the proper attitude. Every phase of mediumship is described and explained. Hundreds of questions put to the spirits are given along with the answers.

This respected translation by Emma Wood is available in English for the first time in many years. It is hardbound for life-long use.

Only \$17.95

Nearly 2,000 years ago a mysterious white man walked from tribe to tribe throughout America . . .

WAS HE JESUS?



The Prophet's sandals - archeological proof of His pilgrimage across our land!

HE WALKED THE AMERICAS is the documented story of this pilgrimage northward through South and Central America, Mexico, and across North America. L. Taylor Hansen, who devoted 25 years to collecting legends from scores of Indian tribes, asks this question: "Was this white Prophet who spoke a thousand languages, healed the sick, raised the dead, and taught in the same words He used, Jesus himself?"

Magnificently printed,
256 king-sized pages, hardbound,
illustrations in color.

HE WALKED THE AMERICAS
By L. Taylor Hansen
Only \$18.95

Order today! Complete the handy order form attached and mail to Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

BEST SELLERS from VENTURE BOOKSHOP

THE COMPLETE PROPHECIES OF NOSTRADAMUS

Contains more than 1,000 prophecies dating to the year 3793 A.D. Edited and interpreted by Henry C. Roberts, foremost authority on Nostradamus.

The secret of Nostradamus' power to foresee the future has never been explained. His forecasts of past events have come true with uncanny accuracy. He predicts:

End of the world - date and circumstances atomic warfare - date of the next world war - actual time when Hitler returns alive - fate of the Jews - capitalism.

Only \$18.95



The EDGAR CAYCE Collection FOUR FASCINATING VOLUMES IN ONE BOOK!

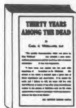


Edgar Cayce on
Dreams

Edgar Cayce on
Healing

Edgar Cayce on
Diet & Health

Edgar Cayce on
ESP



DO DEMON SPIRITS MENACE THE WORLD?

In a gripping book on his 30 years of research, Dr. Carl A. Wickland has concluded:

• Many spirits possess the living demonically, causing much of the world's troubles.

• We are surrounded by thought influences of millions of discarnate beings who have remained earthbound.

Dr. Wickland's "30 Years Among the Dead" tells how trained psychics can rescue victims of spirit possession - exorcising evil entities and helping confused spirits. Southbound, 390 pages.

Only \$8.95

A Great Christian Leader Speaks Out On Survival

Sherwood Eddy, one-time all-Asia executive secretary of the YMCA, friend of Gandhi and Nehru, and world-renowned scholar, reports on 12 years of research into survival.

He writes of his work with such famous mediums as Arthur Ford and Edgar Cayce. His co-helpers included Gerald Heard, Upton Sinclair and Prof. William McDougall.

From each of these great figures Eddy obtained the stunning evidence he sets down in the classic "YOU WILL SURVIVE AFTER DEATH."

Only \$7.95



Edited by Hugh Lynn Cayce

Famed as "The Miracle Man of Virginia Beach," Edgar Cayce had the uncanny ability to place himself in a state of sleep-trance, during which he astounded listeners by speaking as if from some vast source of higher knowledge and wisdom. Over a period of 43 years he gave thousands of amazing telepathic-clairvoyant readings on a great variety of subjects.

In his trance states Cayce—who died in 1945—was able to diagnose and to prescribe treatment for ailing people who were unknown to him and who lived at often great distances. His solutions to medical problems frequently restored health to those who had been given up as hopeless.

The *Edgar Cayce Collection* is a fascinating compendium of insight and wisdom selected from the career of this unusual man. Covered by the four books in this volume are:

EDGAR CAYCE ON DREAMS—a popular study of over 600 of his readings on dreams. Cayce believed that the symbolic content of dreams was vital to waking life, and he placed great emphasis on the benefit of an individual's analysis of his own dreams.

EDGAR CAYCE ON HEALING—engrossing case studies of Cayce's startling ability to give readings on patients while in his "sleep" state and to prescribe treatments for them.

EDGAR CAYCE ON DIET AND HEALTH—gives clear guidelines for a proper diet to lead people to better health and greater well-being. Included are easy-to-follow recipes as well as a complete dietary program.

EDGAR CAYCE ON ESP—explores the mysterious element of extrasensory perception in Cayce's work. All the varieties of ESP he displayed are discussed in a clear and scientific manner.

Only \$14.95

Order today! Complete the handy order form attached and mail to Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

BEST SELLERS from VENTURE BOOKSHOP

YOU ARE PSYCHIC

Learn to Use
Your Own Powers
In 10 Easy Lessons

The late world-famous medium Sophia Williams reveals the secrets of a lifetime. She describes the five great areas of extrasensory ability and tells YOU how to develop them.

Covered are Clairvoyance (see at a distance); Clairaudience (hear at a distance); Producing Psychic Voices, Automatic Writing; Materializations. Here are the most practical how-to-do-it methods ever presented. Softbound.



Only \$3.50

Ancient & Authentic TAROT CARDS and Instruction

• **AUTHENTIC TAROT CARDS**, in 7 colors — from designs 500 years old! The 78 beautifully detailed cards are printed in Switzerland for use with our Tarot book.

• **THE TAROT OF THE BOHEMIANS** enables you to practice the art of Tarot reading in the genuine tradition. This 19th Century volume provides all the knowledge you need to use the Tarot for divining the future. 361 pages, soft-bound.



Cards and Book: **Only \$19.95**

ORDER FORM

Complete and mail to:

VENTURE BOOKSHOP, Dept. C
P.O. Box 249, Highland Park, IL 60035

Enclosed is \$ _____, which includes postage & handling as at bottom. Please send me items indicated below.

Name _____ Street _____

City _____ State _____ Zip _____

Quan.	Title	Price each	Total
	The Spirits Book	\$17.95	
	Oahspe!	25.95	
	Initiation into Hermetics	23.95	
	The Practice of Magical Evocation	27.95	
	The Key to the True Quabalah	21.95	
	The Book of Mediums	17.95	
	You Will Survive After Death	7.95	
	The Edgar Cayce Collection	14.95	
	Frabato the Magician	12.95	
	He Walked the Americas	18.95	
	Prophecies of Nostradamus	18.95	
	30 Years Among the Dead	8.95	
	Set Tarot Cards & Book	19.95	
	You Are Psychic	3.50	

Postage & Handling Charges:
\$1.50 per item, U.S., \$2.50 Foreign.
Satisfaction or refund guaranteed.

Sub-total	
Post. Hndlg.	
Total Amt.	

book-length attempt by Philip J. Klass to convince the American public that the "UFO mystery" rests on a foundation built mainly on deceit, duplicity and delusion.

Heretofore Klass has attempted to show how easily people can be fooled when they perceive familiar sights under unfamiliar conditions and to demonstrate how some UFO observers have probably falsified their reports for personal gain. He has also accused UFO investigators of trimming facts to suit their theories and of suppressing evidence that would negate their alien-visitation theories.

Now he takes on both those who believe they have been abducted by aliens and those who, through counseling and regressive hypnosis, claim to have validated those abduction reports.

"Are extraterrestrials abducting human beings and subjecting them to terrifying physical examinations?" asks the sales hype on the book's dust jacket. "Have ufonauts conducted bizarre genetic experiments by invading the bedrooms of teenage girls to impregnate them and later returning to remove their unborn babies? Have alien beings kidnapped young children and removed flesh samples [in] an effort to cross-breed with the human race?"

Klass, no surprise, says no. "Abductees" are, he says, the victims of a mental disturbance which he suggests should be called the "Hopkins syndrome" because, as the chief proponent of abductions, Budd Hopkins is the "Typhoid Mary" of this tragic malaise."

Now I would not argue that the reality of the abduction claims reported by Hopkins, Whitley Strieber and others is a long way from being proven and that

some of the points raised against them by Klass deserve to be studied and answered or refuted. (One detailed refutation, folklorist Thomas E. Bullard's "Klass Takes on Abductions; Abductions Win," appears in the November-December 1987 issue of CUFOS' *International UFO Reporter*.) But Klass' approach to the problem is not designed to elicit cooperation in the solving of a mystery because Klass begins by declaring there is no real mystery, only a chimera constructed by fools and liars.

Unfortunately, his blend of skepticism and sarcasm, plus his escalation-of-authority gambit when faced with the opinions of professionals who disagree with his views, has so infuriated the UFO community that in dealing with him it tends to throw the baby out with the bathwater.

Klass rightly notes that hypnosis is an unreliable tool. He points out that whereas the alien beings reported by Strieber and Hopkins are, if not evil, at least callous and cruel, those reported by Dr. Leo Sprinkle following his hypnotic-regression cases are benign.

But that Sprinkle uncovered at least two cases alleging vile treatment of abductees by abductors is conveniently overlooked by Klass as is Hopkins' assertion that about 25 percent of those with whom he has worked recalled their abduction experience without benefit of regressive hypnosis. (Bullard, author of a to-be-published massive study of all such accounts in the literature, says consciously-recalled abductions comprise one-third of the total and these are indistinguishable in all important aspects from those recounted under hypnosis.) But then Klass has never been known to provide a careful, balanced

examination of a controversy.

He waves the usual red herring, offering to pay \$10,000 for any abduction claim reported to, and certified as genuine by, the FBI. Yet he knows full well that neither the FBI nor any other federal agency will publicly admit to any official interest in UFOs.

With one minor exception Klass acknowledges he did not interview any of the abductees nor does he evidence any feeling that he needs to do so. He builds his case almost wholly from their stories as set down by Hopkins and Strieber, plus their press interviews and public appearances. That this might give him less than all the facts does not occur to him.

While acknowledging that he has not consulted any of the psychologists, psychiatrists or physicians aiding ufologists who investigate abduction stories, he faults them for not conferring with his experts.

In short, this is the sort of partisan, unbalanced "Klass act" we've come to expect from the Dean of Saucer Skeptics. And that's too bad, for while the UFO field needs more skepticism, it should be a skepticism willing to work for the truth rather than the authoritarian type that bends evidence to promote a "truth" apparently decided upon in advance of, or instead of, investigation. — *George W. Earley.*

I'VE NEVER TOLD ANYONE, BUT...
by Joyce Hagelthorn, edited by Marilyn Ruben, Media Publishing & Marketing, 2440 O St., Suite 202, Lincoln, Nebr. 68510, 1987, 161 pages, \$9.95, paperback.

I've Never Told Anyone, But... is a

collection of newspaper columns from the *Dearborn [Mich.] Press*, reworked into a continuous narrative by the editor.

The columns themselves are somewhat reminiscent of FATE's "True Mystic Experiences" and "My Proof of Survival" departments; they deal with anecdotal accounts of people's experiences with the paranormal. Unlike those departments, however, Joyce Hagelthorn's book often conceals identities, places and dates, making independent verification impossible.

In fact, one almost gets the impression that the author doesn't really care if the accounts her informants give her are true or not. She seems to be presenting them simply as entertainment, as if her book were no more than a collection of short stories.

Read that way, the book is a mildly diverting exercise. Those readers seeking a more sophisticated treatment with some concern for the requirements of scientific evidence will have to look elsewhere. — *Gordon Stein.*

ALSO NOTABLE

ALIEN ABDUCTIONS edited by D. Scott Rogo, Signet Books, New York, N.Y., 1987, 256 pages, \$3.95, paperback.

This collection of articles about close encounters of the third kind was originally published in 1980 as *UFO Abductions* and was reviewed in May 1981 FATE. Some of the cases it deals with — such as the Walton, Villas-Boas and Schirmer incidents — are overly familiar but Rogo's insightful commentary on the abduction phenomenon makes the book worthwhile.



REPORT FROM THE READERS

These columns of FATE are set aside each month for your comments. Send your opinion of articles and stories of unusual occurrences to FATE Magazine, 3510 Western Ave., Highland Park, Ill. 60035

RECORD STRAIGHTENED

In the article entitled "Superstition or Ancient Wisdom?" (February 1988 FATE), Lin Yun is identified as a professor of Oriental philosophy at San Francisco State University. He is not.

Lin Yun is appointed as a lecturer in the Extension Program of San Francisco State University's Division of Extended Education. He teaches a non-credit course entitled "In Search of Harmony and Balance — A Chinese Approach." He carries no affiliation with the university's philosophy department.—*Cathryn M. Keller, Director of Public Affairs, Extended Education, San Francisco State University, San Francisco, Calif.*

COVER-UP CONCERNS

Jerome Clark's series ("UFO Crashes," January-April 1988 FATE) detailing alleged UFO crashes and cover-ups provides much food for thought, but some of the veggies are difficult to swallow. The sour taste left in my mouth is no fault of Mr. Clark's — his reporting is pristine — it's just that some of the series' fare is too exotic for my palate.

Whenever I hear the word "cover-up," the word "Watergate" comes to my mind. The perpetrators of Watergate had great power at their disposal and everything to lose should the break-in be discovered. The person with the greatest potential for loss and the greatest power to prevent it, the President himself, did not have enough power to keep Watergate under wraps. Compared to the cover-up of a crashed UFO, complete with occupants, Watergate is small potatoes. If a few small spuds can't be hidden, how can an entire *field* of potatoes be kept secret?

According to Clark's sources, a lot of people are certain an occupied, extra-terrestrial vehicle crashed in Corona, N. Mex., in 1947. If this is the case, I find it difficult to believe that not one of these people who are "in the know" has cracked from what must be an incredible emotional strain and gone public with a national press conference.

People talk and reporters investigate. If a cover-up truly exists and someone really wants the truth to be made known, why did he leak the truth to filmmakers and HBO producers? Why not tell the story to some well-known,



GONG HEE FOT CHOY

"GREETING OF RICHES"

Answer questions about money, love, job, etc., with this fascinating game that tells your fortune. A unique, easy to use card reading system based on the ancient mystic wisdom of China. Complete set, game book and deck of cards with Chinese figures and regular markings, \$13.95 plus postage-handling: \$2.50 U.S.A., \$5.00 foreign.

VENTURE BOOKSHOP
P.O. Box 249, Highland Park, IL 60035

**There are
three million
Americans
alive today
who have had
cancer. And now
one out of two
cancer patients
get well!**

Join us with your
generous contributions of
money and time.

Commemorating

75
AMERICAN
CANCER
SOCIETY
Years of Life!

Join us

seasoned investigative reporter who knows how to skip the political and bureaucratic ropes? Investigative reporters shined their lights on every rat in the Watergate cellar, and given the chance, they could shed some much needed light on the Roswell incident.

If Shandera and company are victims of a disinformation ploy, what do the perpetrators hope to accomplish? Is the reality of the Roswell incident so alarming that attributing it to extraterrestrial sources produces less hysteria than would the truth? If anything, the government is probably using a time-honored corporate method of preparing people to receive potentially disturbing information.

Corporations have long used rumor to dispense information that may not be well-received. The benefits of using rumor to disseminate potentially upsetting information are three in number: Because the information is only rumored, it can't be proven or openly discussed; reaction to the rumor can be monitored, enabling the powers that be to prepare for negative feedback when the rumor is made fact; the rumor acts as an inoculation, robbing the actuality of much of its virulent emotional shock.—*Sandy Bankston, Mars, Pa.*

I find it difficult to believe that eight U.S. Presidents have maintained total silence on these events. What is the rationale? Surely not a fear that people will panic. It has to be for reasons better than this.

If your account is true, it bears profound implications as to the kind of government we have. A government that hides vital truths from the people is not what the Founding Fathers had in

mind. I am shocked to think that for the past 41 years the government has done just that, if there is any truth in the article.—*Overton Love Turner, Tulsa, Okla.*

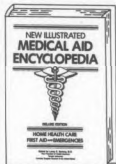
In "UFO Crashes" (March 1988 FATE) it is said, "For 40 years the U.S. government has kept silent about the most important UFO case of all." In "The First Flying Saucer" ("Report from the Readers," same issue) a reference is made to "a circular flying machine built by [German scientists]. . . reached a speed of 1800 mph. . . last seen on the aerodrome at Prague waiting to be rescued only hours before the Red Army arrived. . . . This jet-powered disc was, if stories are to be believed, the first flying saucer."

I have read several books that indicate German scientists researched flying-

saucer sightings in the Atlantic prior to 1936 and undoubtedly as noted in other credible sightings, the first flying saucer was not built by the Germans in 1942-45.

Most disturbing to our security is the high probability that the Red Army not only captured three German scientists and circular flying saucer, but as in other cases, captured the facilities, factories, technology and materials.

In 1986 at an annual meeting of flying-saucer buffs and interested scientists a satellite photograph of a top-secret Soviet craft was shown. Similarly flying saucers have been seen in the Michigan area in the last 30 years observing strategic targets. Most recently one huge saucer, according to eyewitnesses, hovered near Lake Michigan north of Saugatuck, Mich., and then released something into a secluded area.



FIRST AID and EMERGENCY GUIDE

- Life saving techniques for: heart attack—choking—drowning
- Mouth-to-mouth Resuscitation—CPR
- Emergency Survival Guide
- Table of Common Poisons

HOME HEALTH CARE FIRST AID AND EMERGENCIES

MEDICAL AID ENCYCLOPEDIA FEATURES

- Home Nursing Care
- Geriatrics and Gerontology
- 50 Pages of "Questions & Answers" frequently discussed in doctors' offices
- Nutrition—diet—exercise—calorie chart
- Information on "Drugs"
- Helpful Public Agencies

FEATURES and ILLUSTRATIONS

- More than 80 brilliant full-color pages featuring detailed illustrations
- Respiratory and Digestive Systems
- Muscular and Skeleton Systems
- Glands
- Nervous System
- Reproduction and Fetal Development
- Bone and Skin Disorders
- Child Growth and Behavior
- First Aid and Life Saving

Edited by Leroy E. Burney, M.D.

Vice President of Health Sciences

Temple University

Formerly Surgeon General of the United States

DELUXE EDITION • LARGE 11"x14" SIZE • 647 PAGES

Originally \$49.95 • SPECIAL VENTURE PRICE \$29.95

Plus P/H \$4.50 U.S., \$9.00 Foreign

VENTURE BOOKSHOP

P.O. Box 249, Highland Park, IL 60035

PERSONAL SERVICES

Are you offering astrology, numerology or card readings; answering questions or giving advice; or furnishing some other form of direct personal contact by mail with FATE readers? If so, you qualify for

PERCEIVE YOUR FUTURE

★ TODAY! ★

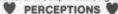
INTUITIVE CONSULTATION

Amazing Perceptions with George

Get answers now to your questions on love, money, career, and more! Discover what exciting changes are coming! Master your destiny. Achieve success. Attract your soulmate. 10 questions \$20.00. Full Consultation plus questions - on cassette \$32.00. Phone consultations available. **CALL NOW!**

(213) 382-0599

Check, MC, Visa, Amex, Discovercard
Give card no., expir. date, signature



PERCEPTIONS

3610 West 6th, #964, L.A., CA 90020

AKASHIC READING

Amazing impressions of your two past lives, telling who, what and where "you" were—your loves, talents, etc. Send \$30, photo (returned) and birth date, place. Rev. E. Hessel, 18 Barbey St., Brooklyn, N.Y. 11207

St. Madonna's Temple of Light



5 Questions Answered.
In-depth Trance Reading, \$10.
On Cassette Tape, \$20.

Send stamped, self-addressed
envelope, birthdate and photo.

REV. JEANETTE EASTERLING
900 Cook Blvd.
Bradley, IL 60915

Clients say: "AMAZING RESULTS!"

Insightful answers to 3 questions, \$7 & postage. Counsel, wonder-working prayer on problems: money, well-being, happiness, \$12.—Rev. Jeanette Molus, P.O. Box 188, Northridge, CA 91328



ANN FISHER

Famous Psychometrist

Answers 5 questions, \$10.00

Aura Reading, \$20.00

Past Life Reading, \$25.00

Send Photo and Birthdate

ANN FISHER

75 Willett St., Albany, NY 12210



**HE
ADVERTISED
IN
FATE!**

FATE reaches more readers than any other magazine in its field! If your offer is of interest to readers in this field, FATE can be more profitable — and at a lower cost-per-thousand. Ask for ad rates today!

FATE Magazine - Adv. Dept.
500 Hyacinth Place
Highland Park, IL 60035

YOUR MONEY BACK IF MY PREDICTIONS DON'T HAPPEN!



**Tarot Master & Numerologist
Predicts Your 12-month Future
For Only \$12.00**

**AND PERSONALLY ANSWERS
ANY QUESTIONS YOU ASK,
ABSOLUTELY FREE!**

Send: **FULL NAME AT BIRTH — FULL
BIRTHDATE — BIRTH PLACE — \$12.00.**
Allow 3-week delivery. (Canada & Overseas:
Money Order, U.S. Funds)

To: **JULIEN — P.O. BOX 594-FT
Idyllwild, California 92349**

YOUR QUESTIONS ANSWERED FREE!

PERSONAL SERVICES

the special rates on display advertising in this popular section. Write for rate information: Advertising Dept., FATE Magazine, 3510 Western Ave., Highland Park, Ill., 60035. Or phone: (312) 433-8100.



ADDISON
NOTED PSYCHOMETRIST
Answers 5 questions ... \$10.00
Aura Reading \$20.00
Numerology Reading ... \$20.00
Send photo & birthdate.
ADDISON, Box 358
Rensselaer, NY 12144

DREAM ANALYST

Will interpret your dream messages, answers, future!

Send \$5 and details of dreams to:

ROUVAN
POB 1345

Alhambra, CA 91802-1345

SOULMATE LOVE ATTRactions

Ever since earth life began there has been a Cosmic Plan for **SOULMATE** meetings. Often inner worlds release the earth powers of right love, new prosperity, and natural health on all levels of self-expression. Now you can get thoughtful **READINGS** of profound clarity to help make life work successfully.

If you are at a turning point, or need new life direction, *write for free information:*

Dr. Brian Seabrook, D.D.
P.O. Box 31129
Phoenix, AZ 85046 USA



BOBBI - VAN
PERSONAL
LIFE
CONSULTANT

Bad luck - Bad vibes - Negative Thinking - Destiny - Karma - Fate? Discover your unique place in the universe while mastering these forces and turning them into enlightenment and positive energy. Your very own astrological link to the "NEW AGE" is the key. Change your life now and forever. Complete free information write:
B.V.I., Box 585A, New York, NY 10468.
Phone: (212) 601-3025.

IS IT TRUE LOVE?

Is this the love of your life? Is it good enough for marriage? What is missing to keep you from being happy together? I will tell you the vital points of your relationship.

Irene Hamlen Stephenson

P.O. Box 3893-FT2
Chatsworth, CA 91313

BIORHYTHM
COMPATIBILITY

Enclosed is \$19 for an **INDEPTH**
COMPATIBILITY (2 birthdates: month, day, year)

Male or Female _____
with

Male or Female _____

You may ask one question about your relationship with your order. I will answer if I can.

Send your self-addressed stamped envelope for a **FREE** newsletter on the famous, infamous and non-famous.

Irene Hamlen Stephenson is listed in Who's Who of American Women, Who's Who in Finance & Industry and Who's Who in the West.

Your Name _____

Address _____

City/State/Zip _____

CLASSIFIEDS

Order Form

FATE Magazine

3510 Western Ave., Highland Park, IL 60035

I submit the Classified ad below under the conditions stated in the Classified heading on page 117.

I enclose \$ _____ for _____ words at the rates checked: \$1.40 per word, one time; \$1.35 per word, 3 times; \$1.30 per word, 6 times; \$1.25 per word, 9 times; \$1.20 per word, 12 times.

Name

Address

City

State

Zip

Later this was recovered by area residents who indicated that it was some sort of "censor" with pre-Columbian markings made from zinc. The object and other items were reportedly recovered and thought to possibly be communication disruption devices to jam a nearby abandoned radar station.

Inquiry into the matter indicates that the saucer is Russian, the objects of Soviet special forces known as "SPETSNAZ" (Voyska Spetsial nogo Naznacheniya or Special Designation). They are reportedly assigned to carry out special missions from sabotage to pre-invading Afghanistan to reported droppings of "Soviet electric devices" within Europe and now in the U.S. in Alaska, the East Coast and perhaps the Great Lakes region.—*Chris Hesus, Macatawa, Mich.*

BAN THE DEBUNKERS?

In your September 1987 issue of FATE I was saddened to see two letters which attacked one of America's four basic democratic freedoms: freedom of speech — or, more properly, freedom of the press.

Hanna Hamilton, in her defense of Gina Cerminara, suggested that if people disagreed with Cerminara's writings, that may or may not be okay, but they should keep their mouths shut.

Jeffrey Fisher wrote that advertisements by debunkers like Philip J. Klass and Robert Sheaffer should not be carried in FATE nor should reviews by other debunkers. He states, "FATE is not the place for advertising such books because they stand counter to everything the magazine stands for." I think Fisher suffers from "Klasstrophobia."

(Continued on page 127)

CLASSIFIED ADVERTISING

Classifieds are subject to approval and editing. Rates per word are \$1.40 one time; \$1.35 three times; \$1.30 six times; \$1.25 nine times; \$1.20 12 times. Payment must accompany order and may be made monthly, prior to closing, on series insertions. Classifieds are noncommissionable. First few words of copy only are capitalized. No bold type or boxes. Include name and address in word count. Zip code is free. Advertisers are required to submit samples of literature, samples or descriptions of products, and information on qualifications to perform a service. Classified columns close on the 5th of each month for issues dated three months later, on sale two months later. Send orders to: Advertising Dept., FATE Magazine, 3510 Western Ave., Highland Park, IL 60035.

ANGELS

GUARDIAN ANGELS—Discover amazing facts concerning their existence! Write for information! — Mamre, 1301-B, Sherwood, Oxford, AL 36203

ANCIENT TEACHINGS

"LOST LEGEND OF THE STONES" revealed through rare psychic phenomenon. 25¢ (coin or stamp) for information on legend and how you may test the stones. — Nation, Box 3163, Springfield, MO 65808

HUNA RESEARCH study group forming in Kenosha, Wisc. area. Interested call Giles, 414-658-3160.

"COSMIC GOOD LUCK." Discover mysterious secrets of winning money, lotteries, sweepstakes, bingo. Send \$1.00. — Mayahouse, Box 9831, Ft. Worth, TX 76107

LEARN ANCIENT Egyptian secrets! Exciting new course. Prospectus, \$1.00 — UEA, Box 90062, San Diego, CA 92109

FORMULAE FOR MONEY, love, success, beauty, levitation, invisibility, etc. For information write: Ancient Secrets, 2167 48th Ave. #D, Oakland, CA 94601

THE CHURCH OF LIGHT Hermetic Correspondence Course in Astrology, Alchemy, Magic, Tarot, Numerology. Free literature. — Dept. F, P.O. Box 76862, L.A., CA 90076.

"POWER OF ZEUS!" \$2.00—Moltis, PO Box 3646, Manchester, NH 03015

JESUS NEVER EXISTED! Positive proof Flavius Josephus created fictional Jesus, authored Gospels. Scholarly booklet, \$4.00. — Abelard, Box 5652-M, Kent, WA 98064

ASTROLOGY

HOROSCOPE—OPPORTUNITY to understand your "inborn cosmic energies." Ten-page interpretation plus hand-drawn chart. Send \$9.60 and birth date, time and place to: Laras, P.O. Box 501047, Indianapolis, IN 46250

ASTROLOGICAL PROFILE SYSTEMS offers: 1. Comprehensive Natal Report, over 75,000 words, Horoscope reports up to 25 pages long — with nothing repeated. It describes the individual personality in depth. \$20.00. 2. Compatibility Reports: a. Romantic Relationship—its strength and how to eliminate weaknesses (11-14 pages) and how the needs of each partner are met by the other (11-13 pages). \$25.00. b. Description of the relationship — for marriage, romance, or friendship (11-13 pages). \$18.00. 3. Daily astrological forecast, comprehensive daily psychological state, health, relationships, finances, etc. (approx. 45 pages for three-month period). \$28.00. 1 & 2A, \$40.00 or 1 & 2B, \$35.00. 1, 2, & 3, \$80.00. VISA and Mastercard accepted. To order by phone, call 312-358-4471 (9:00 a.m.-4:00 p.m. mid-west time). Or write to: Shula, Astrological Profile Systems, P.O. Box 1003, Northbrook, IL 60062. Print name(s), birth date, birthplace, time (a.m. or p.m.) if available. If not satisfied within 30 days, return material for a full refund.

ASTROLOGY NATAL REPORTS, \$15 U.S. Yearly transits, \$30 U.S. Both, \$30 U.S. Print name, birth date, place, time, am or pm if possible. Money order only. — Curtis Rosen, Box 12, RR 1, Diamond View Site, Quesnel, B.C. Canada V2J 3H5

ZODIAC MEMO MAGNETS, \$1.35 each. Specify sign. — Modern Advertising, Box 142, Salisbury, MO 65281.

ASTROLOGY

FREE MONTHLY HOROSCOPES! SASE to Wagdel, Box 43086, Maryland Heights, MO 63043

ASTROLOGICAL CHARTS include planets, houses, aspects and heart rendering interpretation. 8+ pages attractively printed. \$10. Send birth date, birthplace and birth time to: Neil Albala, Box 2346-F, Tucson, AZ 85702. 602-884-1177.

GET HELP WITH ANY PROBLEM from famed astrologer Russ Durocher. Send questions, birth date, birth time, birthplace, and \$15.00 to Russ Durocher, Box 118, Rindge, NH 03461

ASTROLOGY, NUMEROLOGY, TAROT, \$5.00 a question.—Luv, Box 28723, Dallas, TX 75228

PERSONAL COMPUTER ACCURATE horoscope, \$12. Send birth date, time, place, \$1.50 s/h with payment to Personal Astro Services, 128 Jade, Corpus Christi, TX 78409. Write for other reports.

YOU SUPPORT "FATE" when you buy from the ads in its pages.

BIORHYTHM

YOUR BIORHYTHM FREE. Birth date and SASE. — Box 1166F, Flushing, NY 11354

COMPUTERIZED BIO-CHART, send your birth date and \$5.00/year or \$.50/month to: D&J Enterprises, P.O. Box 1283, Placentia, CA 92670

BIORHYTHM CALENDAR, computer generated, 26-page monthly forecasting chart with legend, \$12.95. Free calendar with every four ordered. Send name, birth and starting date to: Gem-Air, Dept. F-7, P.O. Box 801661, Dallas, TX 75380. For free info, send SASE.

SINE WAVE CURVES hand drawn. Red, blue & green (\$1 mo.). \$9/year includes compatibility calculated for any two birth dates free! Send birth dates, months wanted & fee to: Lloyd at P.O. Box 138, Jasper, OR 97438

BOOKS-FOLIOS

I HAVE DISCOVERED Christ is the master of history. I have also discovered how to predict history. Based on historical analysis. Not for everyone. Booklet explains. Send \$4.95 money order only to Company Four, P.O. Box 290781, Nashville, TN 37229

THEOSOPHICAL BOOKS & papers. SASE — M-793, Road 7, Napoleon, OH 43545

ATTENTION BOOK READERS and collectors! Ninth House has hundreds of hard to find, classics, the unusual, modern romance, historical, horror, new age and metaphysical books. We guarantee fast, reliable service or your money back! Checks same as cash. Send \$3.00 for large catalog to: Ninth House, 5515 N. 7th St., Ste. 5-170F, Phoenix, AZ 85014

PICK YOUR PERSONAL lucky numbers through numerology! Fast, effective! \$3.00. — Aries, Box 29396, Sappington, MO 63126

ALCHEMY, Astrology, Magick, Eastern Religions, Gurdjieff, Neo-Platonism. We issue antiquarian catalogs, and publish in these subjects. Search service. Collections developed. — J.D. Holmes, Box 623, Edmonds, WA 98020

STARSEED BOOKSHOP — Specializing in metaphysical books. Book search available. Send SASE with requests. Catalog \$3.00. — P.O. Box 486F, Whitmore Lake, MI 48189

FORBIDDEN TRUTHS exposed that churches hide. Free information. Send SASE. — Don Murphy, 5505 Indian River Rd., Virginia Beach, VA 23464

WITCHCRAFT, ASTROLOGY, occult books. Catalog, \$2.00, refundable with order. — Moonrise, Box 405, Buffalo, NY 14205

MASTER THE SECRETS of Psychometry! Alexr. Verner's book tells how you can psychometrize objects to reveal valuable information you need for success. Send \$2.95.— META, Box 6064PS, Long Island City, NY 11106

PRACTICAL METAPHYSICS. Free booklet. — Perfect Reality, Dept. AF, Box 366, Elkhorn, NE 68022

SEXCRIMES: "Century's Most Bizarre Sex Crime" plus 30 more strange, colorful cases on sex-related crimes, offenses, and disputes. Absolutely authentic: official court decisions specially edited for easy, fascinating reading. US \$8.00 plus p/h (\$2 US, \$4 foreign). 30-day priceback satisfaction guarantee. — Mathom Press, Box 64770-122 CF7, Los Angeles, CA 90064

ATTRACT LOVE into your life. Proven method. \$3.95. — Corsiatto, Box 21FT, Farmingdale, NY 11735

RAINBOW'S END BOOKSTORE. Catalog of psychic books, includes tapes for meditation and relaxation. Send \$2.00 which applies to first order. — P.O. Box 9843, Greensboro, NC 27429

OUT OF PRINT BOOKFINDER.—2035-F Everding, Eureka, CA 95501. Send wants

MASTER MENTAL TELEPATHY! How to make it work for you. Quick, easy method for developing telepathic powers. Send \$2.95 — META, Box 6064FT, Long Island City, NY 11106

AN INTRODUCTION to Psychic Studies, by Hal Banks. An absorbing, practical course pursuing the world beyond the 5 senses. Explores reincarnation, spiritualism, the ouija board, parapsychology, apparitions, hell, the trance, levitation, psychokinesis, psychic healing. 140 pages, large format, soft bound. \$11.95 + \$2.00 U.S. and \$3.50 foreign p/h. — Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

SPIRIT FRIENDS REVEAL SECRETS for successful living! Alexr. Verner's personal book tells how you can communicate with them. Send \$2.95. —META, Box 6064SA, Long Island City, NY 11106

WALK-IN CHANNEL ROSE books: "Man Know Thyself," "Be Thy Real Self," "Meditation and Cosmic Consciousness" and many others. Information: send self-addressed stamped envelope. —Magi Center, Box 1166, Paradise, CA 95969

ASTRAL WORLD reveals life's mysteries! Swami Panchadasi's powerful new book gives you the secret key to astral projection. Send \$2.95. Guaranteed.—META, Box 6064FA, Long Island City, NY 11106

BOOKS ABOUT CONSCIOUSNESS, metaphysics, all facets of standard occult. Free catalog of Weiser publications if you send \$1.00 to cover postage to: Samuel Weiser, Inc., Box 612, York Beach, ME 03910

MENTAL INFLUENCE gets results! How to influence others with your thoughts. Dominate power! Amazing book reveals secrets of mind power you need to achieve success, happiness. Send \$2.95. Guaranteed. —META, Box 6064FS, Long Island City, NY 11106

WITCHCRAFT SPELLS — revealing ancient power secrets show how to cast spells to get what you want. — Box 9133-AR, Greensboro, NC 27429

SPECIAL REPORT locates heaven and hell, 666. \$5.00. — Roger Gillies, P.O. Box 1454, Lake Elsinore, CA 92330

RUDOLF STEINER'S BOOKS on spiritual science, reincarnation, meditation, karma, medicine, esoterics. Christology. Free catalog. — Anthroposophic Press, Bell's Pond, Suite 20, Star Rt., Hudson, NY 12534

SECRET OF TIME TRAVEL! (Future). Discover who you were—what you did in past lives. Simple, safe, effective technique. Send \$5.95—META, Box 6064ST, Long Island City, NY 11106

MAKING AFFIRMATIONS WORK. Manuscript, \$5.50 ppd.—Upstat, P.O. Box 1413, Riverside, CA 92501

BUSINESS OPPORTUNITIES

HOW WOULD YOU LIKE to receive 100 letters a day each containing \$1.00? Rush a dollar to: MD&M Acknowledge, Inc., P.O. Box 882-888, San Francisco, CA 94188-2888

"HOW TO OPEN Your Own Occult Bookstore" 39-page report. \$11.00 to: Jim Bardou, 1344 High #1-FA, Denver, CO 80218

BUSINESS OPPORTUNITIES

BUMPERSTICKER PRINTER. Cheap, simple, portable. Free details. — Bumper POB 22791 (NC), Tampa, FL 33622

CRYSTALS

CRYSTALS — Natural Arkansas crystals for psychic development. Money back guarantee. \$5 each. — Psychic Development Association, Box 1393-FC, New Bern, NC 28560

CRYSTAL HEALING. Learn self-healing with the use of crystals. \$5.00 to Crystal Practitioner, P.O. Box 4663, Grand Junction, CO 81501

FREE CRYSTAL QUARTZ NECKLACE when you purchase any two 16-inch genuine gemstone necklaces! Amethyst (square beads), \$11.00. Garnet (round), \$9.00. Lapis Lazuli (chips), \$12.00. Rose quartz (round), \$8.00. Carnelian (round), \$8.00. Crystal quartz (round), \$8.00. Brochure, \$1.00 (refundable). — Wish Upon A Star, 9724 Cedarvale, Arlington, WA 98223-8607

SEND FOR CRYSTAL CATALOG! Free crystal included. Meditation and energy crystals, crystal balls, hearts, pendants, healing, spiritual, beautiful. — Crystal Sensations, Box 521003, Longwood, FL 32752-1003

CRYSTAL EARRINGS. Attract instant notice wearing these gorgeous, gemlike earrings of imported 32% lead crystal with facets of glittering brilliance. Two styles for pierced ears! 11mm teardrop-shaped crystal on gold-tone kidney wires or 6mm round-shaped studs on silver-tone posts. Expensive looking, but only \$8.95 plus \$1.00 postage/handling each pair. Please be sure to specify teardrop or round style — Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

FOOTHILLS QUARTZ CRYSTAL, jewelry, books, more! Catalog: Box 10432, Denver, CO 80210. We have scepters!

GENUINE QUARTZ CRYSTALS, smoky quartz, amethyst, crystal balls, pyramids, wands, jewelry. Free price list — Crystal Age, P.O. Box 32061, Chicago, IL 60632

CABALAH

ALL ABOUT PRACTICAL CABALAH. Secrets of the Royal Road and magical practices. Free information, kindly enclose SASE: Quantal Publishing, Box 1598-S, Goleta, CA 93116

DOWSING

ALL ABOUT DOWSING. Complete catalog. Step-by-step instructional books, 55 minute VHS and Beta video cassettes, dowsing devices, pendulums, swing-rods, original Cameron Aurameter, world's most sensitive dowsing device, for all your remote locating needs. — Life Understanding Foundation, Box 30305, Santa Barbara, CA 93130

DREAMS

YOU DREAMS have meaning and importance. Book unlocks their secrets. \$4.00 — Piedmont Press, (F6), Box 17455, Portland, OR 97217

ENERGY

ORGONE ENERGY BLANKETS. A life energy charging device invented by Wilhelm Reich MD. For experimental purposes only, no claims made. Multi-Wave Oscillator: A high voltage Tesla coil device invented by George Lakhovsky. Info pack \$5.00 (refund with order). — Super Science, Dept. F, P.O. Box 392, Dayton, OH 45409

HANDWRITING ANALYSIS

COMPREHENSIVE HANDWRITING analysis. Satisfaction guaranteed. Send sample page, \$12.50: Joseph Brooks, 19 Sherrill Lane, New Hartford, NY 13413

EXPERT HANDWRITING ANALYST. For informative "Paper Portrait" send full page handwriting on unlined paper. \$25.00 profile, \$50.00 Comprehensive, \$100.00 All-inclusive Assessment. SASE for information. — LAD, Box 63, St. George, UT 84770

HEALTH

DISCOVER HOMEOPATHY FOR FREE! Free catalog of books, tapes, medicines. SASE to: Homeopathic Educational Services, 2124Z Kittredge, Berkeley, CA 94704

EASY SLIMMING inspired by relaxing audiocassette. Your satisfaction guaranteed. Order now, only \$10. — Janssen's West-F, 1306 Bon Rea, Reno, NV 89503-1601

SUPER-INTELLIGENCE! Amazing results guaranteed. — EDEF, Box 1462, Glendora, CA 91740

LIVE 200 YEARS? Doctors-suppressed health discoveries revealed. Shocking 20-page report, \$10.00, tax-deductible. — MAIHA, Bonnerdale, AR 71933

THOUSANDS WORLDWIDE use Vita Florum flower essence. Helps direct consciousness into calm, unitive, constructive states of being and awareness — Vita Florum, Box 85, Station A, Toronto, M5W 1A2 Canada

HYPNOSIS

HYPNOTHERAPY TERMINOLOGY. Latest New-Age definitions. Free. — Biojoy, (FMB-103), 6309 Wurzbach, San Antonio, TX 78240

EARN INCOME as a Registered Hypnotist. Audiocassette course teaches you how. Control weight, smoking, habits. Includes self-hypnosis. \$69.96. Free brochure. — Hypnosis Course, Box 9907-F, Reno, NV 89507-9907

INSTRUCTION

MYSTERIOUS FORCES and ancient psychic teachings revealed for the first time by the secret Order of Law-One. Write for free information: Order of Law-One, Box 163, Newport, MI 48166

HELP YOURSELF TO SUCCESS. Learn Tarot, Numerology at home with personal attention of your teacher. Free information. — Lioux Astro Center, 117 Wesley, Capitola, CA 95010. 408-475-1952.

HUMAN MINDS ANONYMOUS. All humans think. It's what you do best. Now forming a Synergetic Think Tank network that may bring our best to solving omni-earth crisis. No preconceived bias. Delphi techniques used. Details-startup send \$5.00 to: HMA Foundation, Box 661, Strasburg, CO 80136

DEGREES IN PARAPSYCHOLOGY, Hypnotherapy, Medical Nutrition and many other fields. Bachelor's, Master's, and Doctorates through home study. Send \$2.00 for catalog to: St. John's University 31916 (F) Pat's Lane, Springfield, LA 70462

PERFORM AUTHENTIC Tarot readings with the "Tarot Classic Fortune Teller Gift Set." Ideal for beginners and advanced students. Includes 78-card Tarot deck in full color, 240-page illustrated book, and large illustrated guide sheet for ancient 10-card spreads. Complete in attractive sleeve-box for display and storage, \$21.95 plus \$3.50 postage-handling. — Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

UNEXPECTED TRUTHS of better living and loving. Free information. — Growth, Dept. 284-F, 18653 Ventura Blvd., Tarzana, CA 91356

READ PALMS! Deck of 56 Palmistry Cards and instruction booklet give the basic know-how of palm reading. Devised by expert palmists. Can be used as a game that explores the future. \$13.95 plus \$2.00 postage-handling. — Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

MAGAZINES

INTUITIVE EXPLORATIONS — Large newsletter — controversial psychic/meta-physical topics. \$12.00/year. Sample \$1.00. — Box 561, Quincy, IL 62306-0561

BEST OFFER. FATE 1979-1987. — Spencer, 1217 N. Main, Crown Point, IN 46307

TOTAL ECLIPSE — Illustrated journal of occult, bizarre, unusual. \$1 sample, \$10 year. — P.O. Box 1055, Suisun, CA 94585

"REVELATIONS OF AWARENESS" Cosmic Newsletter. Astonishing channelings! Trial copy free! — Cosmic Awareness, Box 115-H, Olympia, WA 98507

PSYCHIC NEWS from England. Weekly Spiritualist newspaper—world's largest circulation. Dollar brings three get acquainted copies, reduced price subscription details.— Psychic News, F, 20 Earlham St., London WC2H 9LW England.

MAGAZINES

SURVIVE THE COMING CHANGES!

Nonviolent, New Thinking Survival Network/ Group. Two free newsletters. — Richmar, Dept. F-7, Box 14956, Albuquerque, NM 87191

BUYING ALL OLD PULP MAGAZINES.

— Raymond Bowman, Box 167, Carmel, IN 46032

FREE SUBSCRIPTION to over 100 magazines. Send \$2.00. — Kaviani, Box 3751, Vancouver, BC V6B 3Z1 Canada

ALL 458 ISSUES OF FATE. Make realistic offer. — E. Ritchie, 1415 Euclid, Joplin, MO 64801

DELUXE BINDERS give your copies of FATE the appearance of bound volumes at modest cost. Binders are a leather-like brown, sturdy, with FATE stamped in gold on cover and spine. Each protects and organizes 12 issues. Handsome dress-ups for your library for only \$8.95 each plus \$2.50 each postage-handling. — FATE Magazine, 3510 Western Ave., Highland Park, IL 60035

MISCELLANEOUS

HOW TO CAPTURE your intuition. Free information. SASE please. — The Candid Register, 13 Church Hill Rd., Durham, NH 03824

S.T.A.T. a growing UFO club welcoming new members and contactees. For info send SASE to: STAT, P.O. Box 1261, Fall River, MA 02722

CRYSTAL RESEARCH — The mysteries concerning the Ancient Healing Power of Crystals and Precious Stones. We're offering this valuable enlightenment for just a small processing charge. We'll include a menu of other exciting literature. Send \$2.00 for crystal information or SASE for menu only. Satisfaction guaranteed. — Light of the Egret, P.O. Box 7303-F, Virginia Beach, VA 23458-7303

SEEKERS DIRECTORY connects you with others. Free information, SASE. — Dimensions, Box 251-F, Dalles, OR 97058

INICIATIC HERMETIC ORDER — Occultism, Hermetism. Free brochures. — The Hermetists, Box 26, Sao Paulo, SP 01051 Brazil

OVERCOME ALL that needs to be overcome. New secrets of life channeled by Elion. \$3.95. — Corsiatio, Box 21, Farmingdale, NY 11735

3-D SPECTRUM PAINTING. Send \$1.00 for post card or \$1.50 for greeting card. — Denise Hunley, P.O. Box 271162, Dallas, TX 75227

WITCHES LOVE SPELL KIT. Let the powerful wisdom of the ages bring that special love one into your life. \$3.00. — Mystical Twins, P.O. Box 103, Valhalla, NY 10595

DO YOU LONG FOR PEACE? Find it within yourself through Christian meditation. For free information write: Universal Life, The Inner Religion, P.O. Box 5053, New Haven, CT 06525

SUBSCRIBE TO FATE! Don't miss the exciting articles and features in coming issues. See page 130 for a preview and a money-saving offer.

NUMEROLOGY

NUMBERSCOPE CHART with lucky numbers, spiritual birthday and personal profile birth chart. Send full birth name, birth date and \$10.00 to Rev. Ann Burtle, P.O. Box 2657, Dublin, CA 94568

MAKE YOUR OWN lucky numbers. It's easy and it's fun! Any number of digits you want. Astrology forecast through the year 2000 included free with order. \$1.00 ppd. — Claire Co., P.O. Box 51943, San Jose, CA 95121

FREE LUCKY NUMBERS. Win often! Send birth date, SASE. — Mystic, Box 2009-F, Jamestown, NC 27282

OCCULT

WISHING DOLL grants one wish, please use wisely. Absolutely guaranteed. \$6.00. — Doll, Box 8348, Dept. FC-40, Albuquerque, NM 87198

PALMISTRY

PALM READING BY MAIL. Make photocopies of both of your palms and send them to me. \$10 full reading, \$15 past life reading (for past life you must also include a photograph of yourself). With either reading I will answer one question. — Papa Rey, 7311 Bellerive, Suite 166, Houston, TX 77036

PERSONAL

PASTORAL COUNSEL, all problems. \$4.00. — Bishop Young, Box 324, Ontario, CA 91762

READINGS PLUS! Incorporating common sense — diversified knowledge—psychic/intuitive impressions. \$20.00/phone. 217-222-9082. \$10.00/mail. Gloria Reiser, Box 561, Quincy, IL 62306-0561

TAROT READING and meditation, \$5.00. — Kat, 18719 Talisman, Hesperia, CA 92345

TAROT READINGS by mail. One question, \$5.00. Three questions, \$10.00. Full reading, \$25.00. Write M. Escalet, 13 Fletcher St., Kennebunk, ME 04043

PROFESSIONAL NUMEROLOGIST. Graduate student of Lioux Astro Center and an expert in this field. Personalized readings are far superior to computerized. For further information send self-addressed stamped envelope to Elisha, P.O. Box 134, Eagar, AZ 85925

EXPERIENCED PSYCHIC-SHUSTA card reading on tape, \$20.00. Questions \$5.00. Send birth date. — Mary J., Box 2423, Corpus Christi, TX 78403

I WANT TO HELP YOU. In-depth numerological analysis (including life cycles, specific Karmic lessons, abilities from past lives, etc.) — \$25. Runes or Tarot, \$2/question. Please send full name (as on birth certificate), birth date to: K.S. Bradley, POB 881323, San Diego, CA 92108

A NEW FRIENDSHIP with "Ann" and her powerful spirits await you! Dreams do come true! Write with any problem. Enclose \$5.00 cash or m.o. only for quick personal reply to: "Ann," Box 4853F, Huntsville, AL 35815

SPELLS PERFORMED IMMEDIATELY!

Tell me what you want and I will use my mystical powers to cast a spell in your favor. Free details. Send self-addressed, stamped envelope. — Florentine, Box 5387-F, High Point, NC 27262

HOW TO PROTECT YOURSELF against black magic, voodoo, curses, gossip, evil psychic attacks. Details free. — Mayahouse, Box 9831, Ft. Worth, TX 76107

GYPSY LOVE SPELL — Powerful magic makes you irresistible. \$2.00. — Younts, Box 9133-AS, Greensboro, NC 27429

OBTAIN SELF-IMPROVEMENT with a detailed 2-3 page soul analysis using mystic cycles. Include full name at birth, birth date, SASE and \$5.00 to: B. Beckley, Box 267915, Chicago, IL 60626

GIFTED LOUISIANA LADY Gena. Tarot reading, \$10.00 — Box 20043, Phoenix, AZ 85036

I CAN HELP! Gifted advisor answers all personal questions. Prompt confidential reply. Three questions, \$5.00, SASE. — Norma, Box 21, Farmingdale, NY 11735

PALMISTRY: Discover your life path. Send \$10.00 and photocopy of hands to: PalMar, 2116 E. Arapaho, #557, Richardson, TX 75081

INTUITIVE TAROT READINGS answer questions. 30-minute reading, \$25.00 - Sashawannah, Box 789-B, Holland, OH 43528

LUCE-MARIE, spiritual foreseer. 24 years experience. Five questions for \$5.00, SASE. — Box 2042, Paso Robles, CA 93447

PERSONALIZED, no computerized compatibility readings, \$25. Friends? Lovers? Business associates? Send questions, photos and birth dates of both people for an insightful, taped consultation to: Psychic Consultants, Inc., P.O. Box 197, Midland, MI 48640

ESP LABORATORY. The new research service group can help you. For FREE information write: ESP Lab of Texas, Box 216, 219 South Ridge Drive, Edgewood, TX 75117

PERSONAL

INSIGHT THROUGH CRYSTAL sun power. Questions, \$2.00 each. — William Sherwood, 975 38th Ave., Santa Cruz, CA 95062

HAVING RELATIONSHIP problems—mate, child, parent, boss? I can help you resolve them. Send yours, other's full birth name, birth date, \$10. — Jeanne Helton, PO Box 4843, Stockton, CA 85204

YOUR PERSONAL POWER revealed in channeled report. \$2.00. — Jean Danielsen, 701 Pheasant, McHenry, IL 60050

PERSONAL CARD READING for fun, guidance and special insight, \$10.00. — Henry Smyth, Box 721302, Corpus Christi, TX 78472

PETS ARE PSYCHIC TOO! Send birth date, picture, sex of your pet for reading. \$25.00. — Genie, P.O. Box 64, Bradley, IL 60915

CHANNELER, READER, gives caring advice. Money, love, health, work, future. Send handwritten note, questions/problems, \$25.00. — Rev. Carroll, Box 533, Hemet, CA 92343

GIFTED READER brings insight and guidance to questions/problems. \$1.00 per request. Full name and birth date. — Whispering Hope, P.O. Box 19858, Indianapolis, IN 46219

SUSAN FORD, readings, meet your spirit guides, past lives. Half-price introductory offer. — Box 74872-F, Los Angeles, CA 90004

PYRAMID HEALING Temple Ministry. Send small picture with spiritual healing request. \$10.00 donation requested. — Rev. Elizabeth Maxwell, P.O. Box 371, Holtville, CA 92250

CONSULT THE RUNES. \$10.00/page, SASE. — Cathleen, 3012 Butterfield, Yakima, WA 98901

ANITA, six questions, \$5.00. Full reading, \$10.00. — Box 961, Scarborough, ME 04074-0961

CARD READING. Write: Linda, P.O. Box 6476, Wheeling, WV 26003

CONTESSA AMAYA, world famous Romany seer answers three questions. \$10.00, birth dates. — P.O. Box 6001, Santurce, Puerto Rico, 00914, USA

GIFTED WITCH OFFERS introductory spell. Powerful! \$2.00.—Karen, Box 942, Bellflower, CA 90706

MIRACLE SPELLS! All kinds! \$5.00.—Glorianna, Box 20873-M, Oklahoma City, OK 73120

ORACLE taps universal consciousness. Answers five questions. \$5.00. — Victoria O'Neill, Box 2070, Peter Stuyvesant Station, New York, NY 10009

CINDY, past, future. Eight questions, \$5.00 — Box 1753, Decatur, IL 62525

TAROT READINGS plus free gift. One question, \$3.00. Three questions, \$8.00. Full reading, \$15.00. Payable to: Naturopathy Institute, Box 533, Hewlett, NY 11557

JACQUELINE, psychometric Tarot reader, 1211 Choctaw St., Jupiter, FL 33458. Five questions, \$5.00.

SPELLWORK: Love, money, success, power, protection. \$11.00 donation.—Brother Bob, Box 14115, Cleveland, OH 44114

REMARKABLE INTUITIVE READING! 30 years' experience. Questions answered, \$18.00. Past life reading, birth date helpful, \$18.00. Money order please.—Sybil Howarth, BCM/Camomile, London WC1N 3XX, England

OCCULT WITCHCRAFT CLUB. Worldwide membership, male and female. Send dollar bill to: Baraka Aegis, The Golden Wheel, Liverpool L153HT England

POWERFUL HEREDITARY WARLOCK will cast spells for money, love, luck, protection. Free details.—Raphael, Box 470815, Ft. Worth, TX 76147

FREE TRUTH about evil spirits. — Ruth, 948-T Maxwell, Nashville, TN 37206

FREE faith handkerchief, Prayer requests.—
Universal Prayer Group, Box 42, Mira
Loma, CA 91732-0042

\$2.00 PER QUESTION. Send three or more
questions, birth date, hair color and stamped
envelope.— Barrett, 3049 Lydius St., Sche-
nectady, NY 12303

LURKING WITHIN YOU, is there a
stranger? A person you don't understand? A
voice you can't hear? The subconscious who
knows secrets of wealth, success and happi-
ness the Other You might never discover?
Remove the veil of secrecy! Discover life can
be richer than you ever dreamed! Send for
free book! Write Rose Dawn, Box 2710,
Dept. FC-88, San Antonio, TX 78299

FREE! 1988 LIFE CYCLE REPORT,
reveals more than Astrology. Send birth date
with large self-addressed stamped envelope.—
Koenig, Box 1166, Paradise, CA 95969

SCOTTISH CONSULTANT, James Cam-
eron, Cloich-mhile. Stanley, Perth PH14PU
Scotland. Detailed, insightful reading,
\$10.00 cash/m.o.

PRODUCTS

KIRLIAN ELECTROPHOTOGRAPHY
Units: Make excellent photographs of ener-
gy, bioplasma, auras, healing. Kirlian Pho-
tography is now made possible for everyone
with this new, easy to use device. Priced at
\$165 (budget model) and \$360 (deluxe
model). For more information, call or write:
Mankind Research Unlimited Inc., 1315
Apple Ave., Silver Spring, MD 20910.
301-587-8686.

ATTRACT ATTENTION when you wear
the unique, matching Yin Yang pendant and
earrings. The black Yin flowing into the
white Yang is an ancient Chinese symbol
regarded as having profound meaning and
influence. These exotically handsome adorn-
ments are individually hand made in Nepal
of Yak bone and horn, pendant set in coin
silver, earrings set in pewter. Pendant is over
3/8" in diameter on an 18" silver-plated link
chain, \$8.95. Pierced dangle earrings are 3/8"
in diameter on silver-plated drops, \$8.95.
Plus \$1.50 p/h.— Venture Bookshop, P.O.
Box 249, Highland Park, IL 60035

GET THE BEST! Order your books and
supplies from Moonstar catalog, \$2.00.—
38422 Lake Shore, Willoughby, OH 44094

THE BEST INCENSE! Try our rainbow
sampler assortment! Send \$1.50 plus 50¢
shipping to Wellness, Inc., Box 33063,
Granada Hills, CA 91344

CRYSTALS AND STONES can bring a
new dimension to your life and relationships.
We offer handcrafted jewelry, pendulums
and meditation headbands, quartz crystals,
crystal balls, pyramids and more, all at
affordable prices. Trance readings available.
Catalog, \$1.00 refundable.— Mind's I,
Dept. F, Box 446, Kulpsville, PA 19443

PSYCHIC FAIRS

PSYCHIC FAIR HOTLINE. Greater
Chicagoland. Weekends. 312/885-1177.

PYRAMIDS

ALL ABOUT PYRAMIDS. Products,
books, newsletter. \$1.00 brings you fully
illustrated catalog.—Pyramids, Box 30305,
Santa Barbara, CA 93130. Phone: 805/
682-5151.

READINGS

GIFTED READER can help. Readings on
cassette. Give name with birth date. \$17.00
check to R. Harrison, Box 461971, Garland,
TX 75046

MAGIC WORDS: "I saw it in FATE."
Advertisers want to know where you saw
their offer — and they will give you special
service when you tell them you saw it in
FATE!

RELIGION

PERFECTION IN THIS LIFE, Heaven in
the next. You can have both. Big, free book.
\$1.00 required for postage.— Truxton Craig,
Box 51943, San Jose, CA 95121

FREE ST. MARTHA'S MIRACULOUS
Prayer. Send 22¢ stamp.— Peyton's, Box
5756, Virginia Beach, VA 23455

CHRIST'S NAME IS YASU, not Jesus.—
K.M.B., P.O. Box 16105, Columbus, OH
43216

RUNE MAGIC

THE KNIGHTS OF RUNES. We teach the true ancient rune magic! The most powerful magical art! Complete home study course. — Box 2070, Decatur, GA 30031

SORCERY

THE SORCERER'S GUIDE, paperback book describing the laws governing psychic assassination. \$2.95 postpaid. — Gould, P.O. Box 398074, Miami Beach, FL 33139

TAPES

PAST LIFE REGRESSIONS, ultimate healing meditation, spiritual weight loss, meditative sounds, subliminal affirmations. Tapes \$10.00 each postpaid. — Bowermaster, Box 275, Cassadaga, FL 32706

CUSTOM SUBLIMINAL TAPES. Free brochure. — IAMCO, Box 5146, Dept. 61, Ormond Beach, FL 32074

FREE SECRET CATALOG. World's most unusual cassettes! — Ingress, 5420-F Parnerton, Temple City, CA 91780

DO-IT-YOURSELF past life regression. Audio cassette, \$10 plus \$2 shipping. — Joe Trolly, 138 Smith Ave., Holbrook, NY 11741

FREE CATALOG, Subliminal/Meditation tapes. Dramatic results! — Mind Tapes, Box 5369, Santa Monica, CA 90405

TAROT

THE ALTERNATIVE TO TAROT. Psycards. Beautiful imagery from Jungian to Symbolology. Deck of 40 cards with booklet. \$19.95. — Psycards, c/o Cat Foy, P.O. Box 10114, Scottsdale, AZ 85271

TAROT DECKS, tarot books, cartomancy, divination, occult books, playing cards, etc. 48-page full-color catalog featuring world's largest selection. Send \$2.00 — The Best of Cards Catalog, Department FM, 179 Ludlow St., Stamford, CT 06902

TAROT TOUBEAUX. Computer printed Tarot readings. \$5.00. Write: P.O. Box 441312, Detroit, MI 48244

UNVEIL THE FUTURE with the "Rider Tarot Deck," the original and only authorized 78-card deck conceived by Arthur Edward Waite, London. Cards have accurate color tones and each Minor Arcana card features a symbolic picture that aids readings. Cards measure 2 3/4 x 4 1/4 and bear English titles. Complete 78-card deck and 44-page instruction booklet, \$13.00 plus \$2.00 postage handling. Foreign, \$3.00 — Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

TREASURE FINDING

ELECTRONIC DOWSER - guaranteed ESP sensitive. Fascinating, easy book of plans, \$10.00. — Nova Systems, 11208-R Iron Oak Trail, Austin, TX 78750

TREASURE. Locate quarter-mile away with ultra-sensitive locator. Brochure free. — Research Products, Box 270270-AZC, Tampa, FL 33688

UNUSUAL ITEMS

SAMARKAND EXPRESS from Athens to Albuquerque: handcrafted folkwear and jewelry. Catalog \$1.00. — Gothic Image, Box 609-D, Buffalo, NY 14226

ANCIENT AMULET FACSIMILE for love, health, prosperity. \$2.50 — Corsiatio, Box 21, Farmingdale, NY 11735

BOJI STONES — contain balanced energy! Various sizes. Send \$1.00 plus SASE to: Box 156F, West Side Sta., Worcester, MA 01602

AN INTIMATE ENCOUNTER with the Angel of Death. Direct communications with Death himself as revealed through the writings of his earthbound bride! This is not fiction! "The Book of Azrael," a special project from Westgate Press, 8 Bernstein Blvd., Center Moriches, NY 11934. \$8 postpaid.

EXPLORE THE PATTERNS of change in your world with "I Ching Cards" — a new visual approach to the ancient Chinese system of divination and revelation. Complete with 64 hexagram cards, three metal Yin and Yang coins and 21 cards of instruction, \$13.00 plus \$2.50 postage/handling. Foreign, \$3.00. — Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

BEAUTIFUL TAO magic scroll talisman brings good fortune through direct contact with benevolent forces. \$8.00 — John Oles, P.O. Box 256, Atwater, OH 44201

BACK BY POPULAR DEMAND. Serenity Stone. Rub this polished, gem-like stone between finger and thumb to induce meditative calm, as do Eastern mystics. Delight in the tactile magic that quiets anxiety, induces relaxation, opens the mind's inner doors. Only \$4.00 each postpaid. Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

FROM THE ISLAND OF MAUI, a world psychic center, these ancient stones from the Iao streambed may have acquired psychic and sacred strength from the hundreds of Hawaiian warriors who fought and died (the stream ran red with their blood) in the Iao Valley so long ago. 18" pendant with approx. 1" stone. May also be used as a pendulum whose great age may have the energy you're looking for. Story included. \$4.95 plus \$1 p/h. — GEM, Box 1513, Kihei, HI 96753

QUARTZ CRYSTAL BAUBLES: Specially selected, clear and smoothly rounded, enchanting to the eye, soothing to the touch. Ancient peoples, who found polished stones like these in streambeds, believed them sacred and magical. Can they heal, bring luck, prophetic visions? Three quartz crystal baubles of varied sizes, about 3/4" to 1", in carry-around bag of black velvet, with scroll relating their legend, \$11.95, plus postage/handling: \$1.00 USA; \$1.50 foreign. — Venture Bookshop, P.O. Box 249, Highland Park, IL 60035

VOODOO

COMPLETE CATALOG of voodoo, santeria and magical books, music and supplies. \$3.50. — Willis, Suite 310, 1317 N. San Fernando Blvd., Burbank, CA 91504

WITCHCRAFT

FEMINIST WICCE books, supplies. Catalog, \$2.50. — 249 N. Brand, Suite 674F, Glendale, CA 91203

OCCULT CATALOG! 270 pages! Over 10,000 books, jewelry, herbs, oil, candles, religious goods, metaphysical supplies. Catalog \$1.00. — International, 236F West Manchester Ave., Los Angeles, CA 90003

GIGANTIC ILLUSTRATED catalog. Books, incense, oils, spells, occult supplies, \$2.00. — Hamilton, Box 1258-F, Moorpark, CA 93021

WITCHCRAFT MYSTERIES, world's first and foremost Seminary of Wicca offers authentic courses in Witchcraft, Sorcery, Egyptian Magic, Herbalism, Divination. Free information. — Box 1366, Nashua, NH 03061

WITCHCRAFT — HARNESS ITS POWERS. Let Gavin and Yvonne, world's foremost witches, teach you how. — Box 1502-FC, New Bern, NC 28560

KNIGHTS TEMPLAR Aquarian. Full occult training. — Box 31129, Phoenix, AZ 85046



REPORT FROM THE READERS

(Continued from page 116)

My belief is that FATE stands for a seeking out of the truth without fear or favor. Everyone has a right to have his say, just as everyone has a right to believe what he wishes.

If ufologists can prove their claims, then what have they to fear from the Philip J. Klasses of the world?

I have read enough of Philip J. Klass to realize that anything he may write or say may be taken with a ton of salt. But if he wishes to make a fool of himself that is his democratic privilege.

As for people like the amusing Randi who stridently argue against the paranormal, well, I think there are millions of people out there who have, like myself, experienced the paranormal and we know for certain that the Randis of the world are merely spitting into the wind. After all, the paranormal is really just a part of the normal that is not understood.

Prove YOUR
Psychic Power—Spin the
ENERGY WHEEL® !!

Designed by Gerald Loe

Using the Energy Wheel® you may be able to display psychokinesis—the ability to move matter with the mind. Test your mind power! The sensitive aluminum rotor turns freely on the point of a needle. Following the instructions included, practically anyone can spin the wheel—even at a distance—and direction of spin can be mentally controlled. A repeatable psychokinesis experiment—for fun as well as serious research! Comes in plastic case to carry anywhere. Only \$4.95, plus \$1.25 postage-handling from:



VENTURE BOOKSHOP
P.O.B. 249, Highland Park, IL 60035

PADRE PIO
THE HEALING PRIEST WITH
THE WOUNDS OF CHRIST

Padre Pio, who died in 1968, is the only ordained Roman Catholic priest ever to receive the stigmata—the bodily wounds corresponding to those inflicted on Christ. He bore these open bleeding wounds for 50 years. His mystical powers of spiritual and physical healing drew hundreds of thousands of pilgrims from all over the globe to the remote Italian village of San Giovanni Rotondo. And today more pilgrims flock there than when he was alive.

In the book *Magic of a Mystic* by the Duchess of St. Albans you may now read a fascinating collection of stories about the famed priest as told to the author by the people who knew him well. In this way she draws a fresh and vital picture of Padre Pio, whose cause for beatification was opened in 1983. Hardcover, over 200 pages, with 36 pictures. Originally \$15.95. Special Venture Bookshop price:

Only \$11.95

Plus P/H \$1.50 U.S.A., \$2.50 Foreign

VENTURE BOOKSHOP
P.O. Box 249, Highland Park, IL 60035

Don't ban the debunkers. We need devil's advocates to argue against our beliefs. When we catch them out in their erroneous or specious arguments, it will only serve to reinforce our own beliefs.

Anyone capable of rational thought has nothing to fear from Klass, Randi or their kind.—*Al MacLeod, Bedford, Nova Scotia, Canada.*

SPIRIT VOICES' CHALLENGE

On June 12, 1987, I was playing my cassette of recorded Victrola records of the 1920's I had taped several years before. The tape caught in the recorder wheel. I extricated it by cutting the tape in half and mending it with a strip of plastic tape. I then replaced it in the recorder and put it on play. The tape was ruined, sounding wavery and scratchy.

Suddenly the music stopped and an elderly lady's voice registered on my tape, loud and clear, saying, "This is Maiva Nye, long time Red Network, honey." The instant she finished, the recorder snapped off as the tape had come to the mended part. There was no radio or television on at the time. Then when I played the cassette over, she changed her initial statement to "This is Maiva Nye, one hundred network, honey."

Does anyone know who Maiva Nye was, or if there was a Red Network in radio broadcasting in the 1920's or 1930's? Has anyone recorded a spirit voice which said two different things on the *same* segment of cassette tape—a sort of fourth-dimensional ploy?

In 1985 I was sent a cassette of a little spirit boy singing a 12-line made-up "song" captured in a "haunted field." One and one-half years later while I was

taping this cassette onto a new one, the little fellow registered saying, "Like cigarettes, for that was the end of the thing." Apparently he wished this little addition placed on his original song, nonsensical though it was.

I challenge anyone, from the Buffalo group opposed to the paranormal to the UN-amazing Randi (who keeps his \$10,000 check secured in his wallet by Crazy Glue, apparently) to duplicate these cassettes by *normal* means. I am willing to donate my spirit voices to any university interested in electronic voice phenomena.—*John Philip Bessor, Zelenople, Pa.*

BVM IN NEW YORK

I was surprised and disappointed that nowhere in your article "Latest Visits by the Virgin Mary" (March 1988 FATE) were the appearances at Bayside/Flushing, N.Y., mentioned even in passing.

Admittedly, they have been occurring for 20 years and therefore may not qualify as the latest, but to mention appearances in Russia, Yugoslavia and Egypt without mention of the New York appearances is to be unfair to the phenomenon itself.

Could it be a visit by the Virgin Mary is not without honor, except in its host country?—*Robert Shortz, Jr., Dallas, Pa.*

MISPLACED TOWN

Owing to an editor's error in "Murderer Reappears After 200 Years" by Ervin Bonkalo (April 1988 FATE), we placed Gettysburg in Tennessee instead of Pennsylvania. We apologize for the error.—*The Editors.*



SUBCONSCIOUS MIND? SPIRIT CONTACT?

What spells messages on the MYSTIC OUIJA® BOARD?



Over the years countless experimenters have reported uncanny answers to questions via the Ouija Board — answers that made money, saved lives, located the missing. What is the source of such remarkable information? ESP? Spirits? Muscular impulses from the subconscious?

Test the Ouija Board yourself. Simply place the message indicator on the board and touch it lightly with your fingertips. Concentrate upon your question. You may experience the thrill of the unknown as the indicator moves to spell out words. Whether you use this durable board for serious research or party entertainment, it will provide many years of use.

ONLY \$22.95

Plus \$4.00 each postage-handling (\$8.00 each on foreign orders). ORDER NOW!

VENTURE BOOKSHOP P.O.B. 249, Highland Park, IL 60035

Please send me _____ Ouija Boards at \$22.95 each, plus \$4.00 each for postage-handling (\$8.00 each on foreign orders). I enclose \$_____

Name

Address

City-State-Zip

WHAT HAS **FATE** IN STORE FOR YOU?

... A chance to explore the unknown ... truths you find nowhere else ... articles and stories to fire your imagination—that's what FATE has in store for you. Here is Editor Jerome Clark's report on stories planned for future issues:

∞ Are severe psychiatric disorders caused by spirit possession? Parapsychologist Stanley Krippner tells how Brazilian psychiatrists and psychic mediums work together to treat mental illness.

∞ An archaeologist in the desert of the American Southwest confronts the ghosts of a lost and distant past and enters another world.

∞ A young girl's suicide under peculiar circumstances triggers an episode right out of the Middle Ages: a hunt for the "witches" believed to be responsible for her death.

∞ Is Sai Baba a living saint — a holy man who can perform miracles which dwarf even the most spectacular feats of the great psychics? Or is he a magician so skilled that he is beyond detection? Psychologist Erlendur Haraldsson reports on one of the most amazing stories of modern times.



JEROME CLARK

In each issue FATE publishes fascinating true articles, stories and features on the strange, the unusual, the unknown. You can read such material only in FATE because FATE is the only magazine of its kind in the world.

**DON'T MISS A SINGLE ISSUE —
SUBSCRIBE TODAY!**

CLARK PUBLISHING CO.
170 Future Way, Dept. D0026
Marion, OH 43305

Name _____

Address _____

City _____

State _____ Zip _____

I wish to subscribe to FATE Magazine at the following special price (check square):

24 issues, \$26.95 12 issues, \$14.95

(Foreign subscriptions: add \$5.00 postage
Canadian subscriptions: add \$3.50 postage)

Enclosed is cash check money order
for \$ _____

Begin my subscription with _____ issue.

Check if this renews a previous subscription.

Your first copy will arrive in 6 to 8 weeks.

NOW . . .

After 40 years

HAND CRAFTED CRYSTAL BALLS

Before World War II a limited number of man-made crystal balls were available in this country from Austria and Czechoslovakia. During and after the war the supply came to an end. Over the many intervening years we sought new sources of genuine hand-crafted leaded crystal balls, but the specimens we obtained had too many flaws.

Now, however, we are able to offer a limited supply of superb 32% leaded crystal balls in five different sizes, with specially designed stands! All balls are superior quality crystal, imported from Italy.

They are gorgeous, near perfect—the next best thing to quartz crystal available—and at a fraction of the cost. Genuine quartz balls in these sizes would range from \$300 to more than \$10,000.



1.56-inch crystal ball, small
brass Dolphin Stand w/24K gold
overlay \$29.95

2.34-inch crystal ball, medium
brass Dolphin Stand w/24K gold
overlay \$49.95

3.94-inch crystal ball, large solid
brass Sea Serpent Stand . . . \$89.95

SPECIAL ORDER!

4.93-inch crystal ball, extra large brass
Sea Serpent Stand \$135.00

5.91-inch crystal ball, extra large brass
Sea Serpent Stand \$200.00

VENTURE BOOKSHOP

P.O. Box 249, Highland Park, IL 60035

Please send me the Crystal Ball(s) checked below. I enclose \$_____.

- (1) 1.56-inch Crystal Ball with Stand \$29.95
(2) 2.34-inch Crystal Ball with Stand \$49.95
(3) 3.94-inch Crystal Ball with Stand \$89.95
(4) 4.93-inch Crystal Ball with Stand \$135.00
(5) 5.91-inch Crystal Ball with Stand . . . \$200.00

Please add postage & handling as follows:

Balls (1) & (2) add \$3.50 U.S., \$6.00 Foreign; Ball (3) add \$5.00 U.S., \$8.50 Foreign; Ball (4) add \$6.00 U.S., \$10.50 Foreign; Ball (5) add \$7.00 U.S., \$12.50 Foreign. Please allow 8 weeks for these items only.

Name _____
Address _____
City, State, Zip _____

I understand that these Balls are not acrylic or other plastic and are not quartz, but hand-crafted of 32% lead crystal.

Now! For Readers of This Magazine... GREAT VITAMIN SALE

... to introduce you to savings, we are making 10 extra special coupon offers with other products at our regular low prices. But act today. Sale ends July 31, 1988.

FREE! WITH EVERY ORDER

5 pc. SCISSORS SET

High grade quality—chrome plated blades ensure a durable, sharp cutting edge. And we'll send the complete 5-pc. set FREE with your order if you simply check the box in the order form.

FREE OFFER ENDS JULY 31, 1988

MAIL ORDER COUPON

1,000 Mg. VITAMIN C

WITH ROSE HIPS

100 For **1.98** Limit One of Any Size to a Family

500 for **9.49** Limit One of Any Size to a Family

1000 for **17.98** Limit One of Any Size to a Family

N423 Expires 7/31/88

“CALCIUM 600”
1500 mg. Calcium Carbonate per tablet with vitamin D to help Calcium absorption providing 600 mg. Calcium per tablet. Same potency as CALTRATE™ 600 which costs \$ 84 for 60 tablets. Our price—

90 TABLETS 3.85 120 TABLETS 5.50
240 TABLETS 9.75

MAIL ORDER COUPON

Garlic Oil Capsules

100 For **68c** Limit One of Any Size to a Family

500 for **3.28** Limit One of Any Size to a Family

1000 for **6.39** Limit One of Any Size to a Family

N423 Expires 7/31/88

MAIL ORDER COUPON

LECITHIN 19 Grain Capsules

100 For **1.49** Limit One of Any Size to a Family

300 for **3.98** Limit One of Any Size to a Family

600 for **6.85** Limit One of Any Size to a Family

N423 Expires 7/31/88

MAIL ORDER COUPON

Our “TOP-B” B-Complex “50”

Famous Formula at a Sensational Low Price!

Every capsule contains 50 mg. B1, B2, B6, Nicotinamide, Pantoic Acid, Choline Inositol, 50 mg. B12, Biotin, 50 mg. Paba, 400 mcg. Folic Acid

50 For **1.89** Limit One of Any Size to a Family

100 for **3.49** Limit One of Any Size to a Family

250 for **7.98** Limit One of Any Size to a Family

N423 Expires 7/31/88

MAIL ORDER COUPON

GINSENG 250 mg. Tablets

100 For **1.49** Limit One of Any Size to a Family

500 for **6.95** Limit One of Any Size to a Family

1000 for **12.49** Limit One of Any Size to a Family

N423 Expires 7/31/88

MAIL ORDER COUPON

ALOE VERA JUICE

ALL NATURAL NON-PASTEURIZED COLD STABILIZED PROCESS

Aloe Vera has been known, used and trusted since the dawn of man's history. The Aloe Vera leaves are hand selected to insure that all the desirable properties are retained without the skin and bitterness. SUGGESTED USE: Two ounces with each meal.

Quart \$2.98 Gallon \$9.95

GUARANTEED NO ADDED SUGAR STARCH ARTIFICIAL COLORS OR IMITATION FLAVORS

50 For **1.89** Limit One of Any Size to a Family

100 for **3.49** Limit One of Any Size to a Family

N423 Expires 7/31/88

MAIL ORDER COUPON

10 Mg. ZINC

100 For **39c** Limit One of Any Size to a Family

500 for **1.89** Limit One of Any Size to a Family

1000 for **3.49** Limit One of Any Size to a Family

N423 Expires 7/31/88

MAIL ORDER COUPON

VITAMIN E 49c

400 Unit Capsules

MONTH'S SUPPLY Limit One of Any Size to a Family

100 for **1.49**

500 for **7.25**

1000 for **14.25**

N423 Expires 7/31/88

MAIL ORDER COUPON

VITAMIN C 87c

500 MG. WITH ROSE HIPS

100 for **3.99** Limit One of Any Size to a Family

500 for **19.19** Limit One of Any Size to a Family

N423 Expires 7/31/88

MAIL ORDER COUPON

CALCIUM MAGNESIUM AND ZINC

Now the Minerals needed for Healthy Nerves, Teeth, Bones, Muscles, Blood and Hearing all in one Tablet

100 for **88c**

300 for **2.38**

600 for **4.48**

N423 Expires 7/31/88 Limit One of Any Size to a Family

HI-POTENCY STRESS FORMULA B Complex and Vitamin C

100 TABS 1.95 250 for 4.75

“BIG 4”
100 for **7.9c** 250 for **3.50** 500 for **6.49**

VITAMINE

FINEST QUALITY—100% PURE ALPHA TOCOPHERYL GELATIN CAPSULES

100 FOR	500 FOR	1000 FOR
400 UNIT CAPS 2.89	14.49	28.49
1000 UNIT CAPS 7.89	37.98	69.85

BREWER'S YEAST TABLETS 50 Tablets 95c 1000 for 2.95	VITAMINS For Hair Care 50 Tablets 395 100 749	SPECIAL C-500 500 mg. Vit. C Plus Rose hips 100 mg. B1, B6, Pantoic Acid, 25 mg. Inositol, 25 mg. Nicotinamide 100 2.49 500 mg. Tablets 100 for 10.98	VITAMIN B6 50 MG. 100 for 1.39 500 for 5.50 Higher Potency 100 MG. Tablets 100 for 1.98 500 MG. Tablets 100 for 7.49
---	---	--	--

PRICES IN THIS AD GOOD UNTIL JULY 31, 1988

Nutrition Headquarters THE BEST TIME TO SAVE IS NOW!

Money Saving MAIL ORDER BLANK

NUTRITION HEADQUARTERS
104 West Jackson St. N423
Carbondale, Ill. 62901

List items you wish here:

QUANTITY	SIZE	NAME OF PRODUCT	TOTAL PRICE

Shipping charge (disregard if order exceeds \$15.00) **\$1.00**

SATISFACTION GUARANTEED TOTAL AMOUNT

MASTERCARD and VISA accepted on orders over \$10.00. Please print card number and expiration date on separate piece of paper. We reserve the right to limit quantities.

FREE 5-PC. SCISSORS SET Just check this box and mail your order by July 31, 1988 and we will include a FREE 5 pc. Scissors Set

PRINT NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

© 1987 NUTRITION HQS.

Enjoy 3 Nutritious Meals on The GRAPEFRUIT DIET PILL PLAN AND LOSE WEIGHT FAST

90 for **2.98** - 280 for **5.00** 500 for **9.85**

SAME FORMULA OTHERS CHARGED \$5.98 AND UP FOR