

Look Out, Moon

By Jim Lucas

WASHINGTON, July 10.—Folks up on the moon, if there are any, soon may be worrying about flying discs sent up from the earth.

Dr. F. Zwicky, professor of astrophysics at California Institute of Technology, writing in the July-August issue of *Ordnance magazine*, says that day is not far off. In a precise, scientific way, Dr. Zwicky says "we stand at the beginning of a new era of scientific experimentation."

Dr. Zwicky says we'll not only make life miserable for moon men, but there's a good chance we'll be able to disturb the privacy of thousands of rather timid stars which have hid their light for centuries. He says we're closer than we know to bombarding Jupiter.

Until now, Dr. Zwicky says, earth men have been "doomed to the role of blind men." Interfering atmosphere, he says, prevents our seeing most of the celestial objects. For instance, he says, we know there are "many very hot stars with surface temperatures in excess of 100,000 degrees Kelvin." That would be 180,000 degrees Fahrenheit.

We've never been able to see them, however, Dr. Zwicky explains "these stars emit very little visual light" but may actually turn out to be "the brightest objects in the sky" once we get a look.

By shooting rocket-borne telescopes and cameras up their way, he says, we'll be able to break through that celestial iron curtain and achieve "very novel results."

Will Launch Missiles From Rockets

DR. ZWICKY says we'll do it in this fashion: First, we'll shoot off large primary rockets, like the V-2's being tested in New Mexico. These already carry scientific instruments to great heights. The next step, he says, will be to launch missiles from the rockets after they start slowing down. This can be

done, he says (1) by atomic energy, (2) by chemical power, (3) by ejecting small, fast particles from shaped charges.

Dr. Zwicky likes No. 3 best. He says it "provides the first practical realization of the ancient dream of sending missiles away from the earth."

"These missiles, at the beginning, will be very small," he concedes, "but much information can be gained from them."

Learn From Artificial Meteors

FOR INSTANCE, he says they will give us additional information about supersonic and hypersonic aerodynamics, the physical and chemical characteristics of the atmosphere, and the makeup of interplanetary space.

Dr. Zwicky calls these particles "artificial meteors." He says they will be able to circle the earth and other planets. Since they will operate in a vacuum beyond the earth's atmosphere, he predicts swarms of flying particles released from the earth will "act much as a unit body or meteor."

"Some," he writes, "may even escape permanently from the earth's gravitational field. If the particles can be made large enough, their collisions, that is, the resulting flashes of their landings on the moon, on Jupiter and other planetary bodies are conceivably observable with present day telescopic equipment." This, he says, "will provide a method of exploring the moon's surface." With large enough particles, he says we can do it just about anywhere in the planet system.

Dr. Zwicky says it isn't just theory. He says plans are being pursued "vigorously."

"In particular," he writes, "experiments with artificial meteors will be repeated since important results may be expected and since these meteors bid fair to become the first man-made missiles to escape from the earth into interplanetary space."

Othman De-Boomed

By Frederick C. Othman

WASHINGTON, July 10.—Every time I prove to myself that the business boom is solid enough for me to make a killing in the stock market, along comes somebody.

Like Walter S. Tower.

Then I put my get-rich-quick scheme on ice. "Tain't going to last," says Prof. Tower, in language far more precise and dignified. He means in the steel industry, upon which many other businesses depend. And he ought to know; he is president of the American Iron and Steel Institute.

The senate small business committee called him in to see what he thinks about the boom, which has manufacturers scrambling for today's record steel production.

Some in desperation are paying shadowy characters up to \$300 a ton for metal worth \$80, others are closing their plants, and scores are telling their troubles to the senators.

Strictly temporary, said the distinguished steel master, a one-time college professor who has been 25 years in the blast furnace business.

Tall, spare, craggy-jawed and with eye-brows jutting over the tops of his rimless spectacles, he made an erudite witness. He cooled the senate caucus room (and my speculative fever) considerably.

He even calmed down a senator or two. The dialogue went like this:

Shortages Are Evaporating

THE STEEL industry today is producing at the rate of 85,000 tons a year (Mr. Tower said), or 20 million tons more than in the best previous peacetime year of 1929. This cannot last, he added. Then, demanded Senator Allen J. Ellender of Louisiana, how much longer?

"Nine months ago," said Mr. Tower, "we were all led to believe that the shortage of automobile tires would last until the end of this year, if not longer. (He cleared his throat.) I don't know of any tire shortage today."

Senator Ellender, Senator Zales N. Eaton of Mon-

tana and committee counsel Ray Dickey wanted a better answer than that. Mr. Tower said if they insisted upon his personal opinion, he'd be delighted. He said already there was no particular shortage of electric refrigerators, deep-freeze units, washing machines and similar steel products.

"And I cannot foresee demand for steel lasting indefinitely as of now," he said.

Senator Ellender wondered what he meant by "indefinitely." Mr. Tower said he meant that by New Year's he believed the steel industry would be loafing along at less than 90 per cent of capacity and meeting all orders.

Who Remembers Free Enterprise?

EVEN SO, said Senator Ellender, that isn't a bad prospect for American free enterprise.

"Free enterprise," exclaimed Mr. Tower. "Well, I suppose there are those who can remember the days of free enterprise in this country."

That aroused the gentleman from Louisiana. He said he doubted if industry was suffering today; in fact, he said, it is making more money than ever before.

"I do not believe the record will support that statement," replied Mr. Tower, gazing at him levelly. The boss steel maker, representing 100 companies, went on to say that export sales don't amount to much. He said the so-called gray market is unimportant. He reported that the auto factories seem to be gobbling up more sheet steel than comes out in the form of automobiles. And he said he had a parable to answer a question about duplicate orders.

"The president of one of our steel companies wanted an electric toaster," Mr. Tower said. "He told me that he placed five separate orders for a toaster. I asked him what he would do if he got delivery on all five. He said he would worry about that when it happened."

"Tower's idea was that many a buyer of steel had better start worrying soon before he is deluged with it. And I guess I'll hang onto my E-bond."

Home or Utopia?

By Harmon W. Nichols

CHICAGO, July 10. — Home, one of these days, won't seem like home.

If the inventor fellows don't let up a bit, home will be more like Utopia.

Everything new in the way of fixings for the place is on display today at the Merchandise Mart where the International Homefurnishings Market is holding forth.

For instance, there is a new-fangled home bar, complete with an oak-paneled back-bar, comfortable stools—and a juke box. If the music part gets good play, it ought to about pay for the party, too, for the guests have to slip a nickel in the slot to hear Bing sing.

No Need to Count Saucers

PRICE of the whole she-bang is \$1000, which is cheap enough if you're that anxious to have a bar at home.

On display also are the softest beds man ever slept on.

And to prove that sleeping can be a real pleasure,

one company has daily transcriptions of a radio broadcast on sleep. It tells you how to quickly drop off into the land of nod without counting flying saucers.

Unique in the way of home lighting is a combination picture-lamp. It's ideal for a bed lamp and throws light out of the top, bottom and in front, through the picture. The price \$25-\$75.50, unless you want a picture by one of the masters—new or old, and then it's what the traffic will bear.

Is Wife's Coat Thermostated?

ONE OF the busiest people at the show is Mrs. Dorothy Liebes, a textile designer who just got back from hedge-hopping all over Europe.

She told about a lot of new things coming up in textiles, and also mentioned in passing that thermostated fur coats for milady (or yours) are not far off.

She admitted the coats have nothing to do with home furnishings, except that dad'll have to pay for that, too, just like he pays for the bedstead and the kitchen stove.

Dollars Win

By Erskine Johnson

HOLLYWOOD, July 10.—Hollywood has been accused of having no new ideas. It isn't so.

Hollywood has lots of new ideas, lots of talent, lots of progressive thinking and creative inspiration. So today I come to the defense of that side of Hollywood's film business—the production department.

Let's take an idea and follow it through the fundamental steps up to where production starts. One of our many talented writers gets an idea for a story. He even pictures certain stars playing the roles. But the main reason the idea sticks in his mind is that it's a new approach.

It isn't the old beaten and tired routine of the boy kicking the girl in the shine by accident at a football game, then falling in love with her. Then the dad baps, says no because the lad doesn't read the right newspaper. Finally the boy saves papa's golf score by correcting his slice and the two love-birds head for the church and Niagara Falls.

Just Check Back

IF YOU think that sounds silly, check back and you'll find it is the plot of many movies you have seen. But our writer has a new idea—something different. So he takes it to the story editor, at the studio.

The story editor has a soul. He likes the idea. He takes it to a producer. The producer likes it. Then it goes through the hopper around the studio until the master minds decide they'd like to do the picture.

It's the next step that throws the monkey wrench into the machinery.

We, the Women

By Ruth Millett

IT WOULD be interesting to take a secret poll of the membership in every woman's club in a representative town and find out just how many women join clubs out of fear rather than choice.

How many women have kept their names on a bridge club membership list through the years because they joined when they were strangers in the town and were afraid to offend by declining?

'Stay-at-Homes'

HOW MANY women fidget and squirm through the meetings of culture clubs because they are afraid they'll be marked as stay-at-homes?

How many women are reluctant members of some auxiliary group of their husband's professional organi-

zation simply because they are afraid that if they refuse to join they will hurt their husbands?

How many women are bullied into membership in some club because the boss' wife or the town's social leader says "with sweet finality, 'My dear, you simply MUST belong'?"

Only an Assumption

BECAUSE AN overwhelming number of American women belong to an impressive number of women's clubs it is assumed that they LOVE women's clubs.

Of course, if a woman belongs to half a dozen—then she is a stay-in-the-wood club-woman who wouldn't know what to do if it weren't for her club memberships that make her feel important.

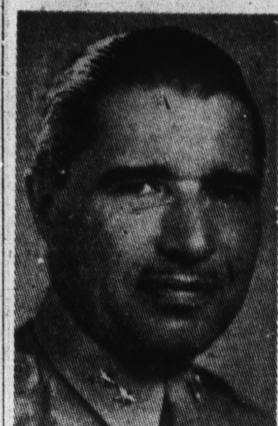
The Indianapolis Times

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Famed 106th, Which Bore Brunt Of Bulge Battle, To Meet Here



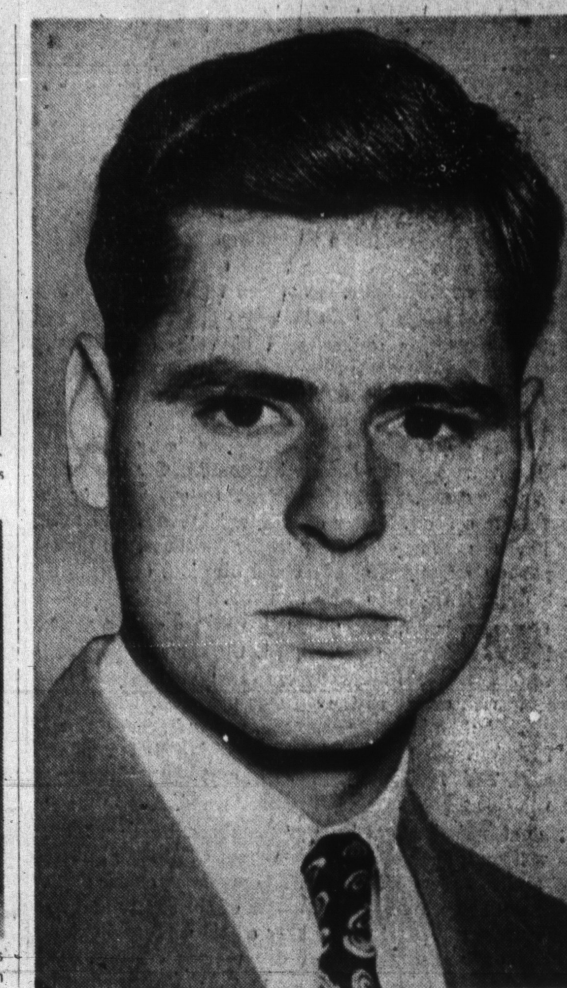
Maj. Gen. Alan W. Jones—Took 106th Division overseas, led them into Battle of Bulge.



Brig. Gen. Herbert T. Perrin—Took over when Gen. Jones was wounded.



Maj. Gen. Donald A. Stroh—Commanded Golden Lions from Hunningen on.



MANILA GOLDEN LION—John L. Mason, son of L. W. Mason of Manila, P. I., came half-way around the world to attend 106th Division reunion. He's going to Yale university in the fall.

1st Annual Reunion Set for July 14-16

MEN of the 106th division, the untied outfit Field Marshal Von Rundstedt smashed but never defeated in the Battle of the Bulge, will be together again next week.

The time—July 14, 15 and 16.

The place—Indianapolis, heart of the Golden Lion division's "adopted" home state.

The occasion—the Golden Lions' first annual reunion.

Ex-G. I.'s, many of whom sweat out most of their overseas time in German prison camps, will be reunited with buddies they haven't seen since the division took up its positions just before that fateful Dec. 16, 1944.

AND FIVE former commanding generals of the 106th will be on hand for the big clambake.

There will be the traditional ceremonies of wreath laying and memorial, dinners and dancing, and free time for the bull sessions which for many trying months were soldiers' only social outlet.

Queen of the festivities will be Miss Mary Beth Underwood, daughter of Mr. and Mrs. Roy Underwood of 142 S. Emerson ave.



Col. Francis Woolfley—Then brigadier general, last of the division commanders, and sister of one of the division's former captains, Don Underwood. In charge of the convention arrangements are Mr. and Mrs. W. R. Simpson, 1010 N. Delaware st.



Col. Leo T. McMahon—As brigadier he commanded 106th Division's artillery.

HEADQUARTERS for the reunion will be at the world war memorial. President of the Golden Lions' association is former S. Sgt. David S. Price of Albany, N. Y., and Herbert B. Livesey, Jr., former colonel from Mamaroneck, N. Y., is secretary-treasurer.

The 106th had been overseas

Mother's Fright at Lake Drove Home Safety Lesson

Midnight Tomorrow Is Deadline for Entry That Might Win \$30 in Contest

There still is time for Times readers to try for the \$25 grand prize plus this week's \$5 prize in The Times-Indianapolis Safety Council Freak Squeak contest.

You have until midnight tomorrow night to bring your entry to The Times or mail it to Freak Squeaks, Indianapolis Times, 214 W. Maryland st.

Even if you've already submitted an entry, you may send others—as many as you want.

All you have to do is write a short account of some accident that could have brought serious injury to yourself—or member of your immediate family—but didn't. Then complete in 25 words or less this statement: "My Freak Squeak taught me..." Here's an example of a Freak Squeak:

A mother of a 2-year-old daughter writes that she went swimming with her family at a park near Louisville. The adults in the party took turns watching out for the child, who was on the bank. As the mother was leaving the pool, she saw her child jump into the water at a nine-foot depth. Although the mother was too frightened to move, the father brought the child to safety. Her Freak Squeak taught the mother that children should wear life preservers even if only taken in a boat or near water.

Lord Mountbatten would also be chairman of the joint defense council until such time as India and Pakistan were able to administer themselves, Mr. Attlee said.

He expressed regret over the partition of India. He said he hoped it would not endure and that the two dominions should come together to form one great member state of the British commonwealth.

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Carnival—By Dick Turner



"I was doing just dandy till the state passed the sales tax—my \$1.03 bill didn't click!"

Austria Struggles To Be Forgiven

Seeks Transition From 'Foe' to 'Friend'

By GEORGE WELLER

VIENNA, July 10.—Like a messenger boy overloaded with bundles, Austria is struggling to pass through the international turnstile from enemy to friendly soil.

With food, money and diplomatic support the United States is trying to help.

Even so, Austria moves only slowly. By agreeing to participate in the Marshall proposal—immediately after its application to join the United Nations—occupied Austria hopes to open the road back to independence.

Both bids were discreetly pre-empted by an Austrian request to join the International Labor Organization at Geneva, which was accepted.

"I never know whether I am occupied or liberated," says Austria wistfully.

Frances Lends Hand

France, as well as the U. S. and Britain, has been trying to extricate Austria from the enemy status in which the failure of the Moscow conference keeps it pinned.

Lt. Gen. Bethouart, commander of the French occupation forces, last week demanded that censorship be lifted and tourists be allowed to enter freely.

But these efforts get hamstringed on much lower levels by the very powers that initiate them.

The U. S. has lifted bars on dollar-paying Americans coming here. But at the same time it declines to grapple with the hotel question which is tied with the underground railroad to Palestine.

Jewish refugees, occupying the best hotels at Bad Gastein, have refused the army's order to move to more modest quarters.

U. S. Releasing Prisoners

The uncertainty in Austria is being unfolded against a background where the Americans now are steadily releasing Austrian political prisoners. The Russians and to a lesser degree, the British and French, are retaining both war and political prisoners.

If the German pattern is duplicated in Austria, many Russian prisoners will return as Communist labor union leaders of the same type now penetrating the American, British and French zones in western Germany.

The pace of political indoctrination of Austrian prisoners seems partly to determine Russian reluctance to agree on the Austrian peace treaty.

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CONSIDERATE

MANCHESTER, Conn., July 10 (U. P.).—Charles R. Christensen said today a gunman who robbed him of \$15 and the keys to his automobile handed him back a dollar for fare home.

Streptomycin and DDT May Halt Palestine Plague

California Experiments Show Effectiveness; Results of Tests Rushed to Holy Land Doctors

By JANE STAFFORD, Science Staff Writer

WASHINGTON, July 10.—Streptomycin and DDT, two of modern medicine's most powerful disease fighters, may help to stop the outbreak of plague in Palestine. The outbreak is reported "definitely alarming" by medical authorities there.

Plague victims already are getting streptomycin, if latest medical reports on this chemical from a mold have reached Palestine physicians.

That report, from Dr. Karl Meyer, University of California epidemiologist, showed that streptomycin controlled pneumonia plague in 90 per cent of mice.

"There is every reason to believe streptomycin will be equally effective in man if given early in the attack of plague," he has stated.

Most Deadly Form

Pneumonic plague is the most deadly form of the disease. It is caused by the same germs, however, as the bubonic plague reported in Palestine. And streptomycin stops the germs.

Substantial amounts of streptomycin have been exported to Palestine every month, license applications at the office of international trade here show. So doctors there will be able to use it.

Plague germs are carried from rats to man or from human patients to other humans by fleas.

DDT will kill the fleas, just as it killed lice to stop the typhus epidemic in Naples when our troops first occupied that city during the war.

Weapons for Rats

Killing the rats, standard plague-fighting procedure, will be more easily and effectively accomplished by two potent rat-killers developed during the war. These are ANTU and 1080. The latter is used only by professional rat-killers. The former can be used by housewives.

Before the discovery of streptomycin, sulfadiazine was used to check plague in China.

Two Pedestrians Struck by Cars

Two pedestrians, one a 10-year-old boy, were seriously hurt when struck by automobiles last night.

The boy, Donald Mescal, 1027 Hervey st., suffered a broken leg and was taken to St. Francis hospital after being struck in the 2200 block, Shelby st.

Police said he ran in front of a car driven by Mary Schienberg, 19, of 1207 Bacon st.

Joseph Brown, 55, of 1204 Nordyke ave., suffered a shoulder injury and was taken to City hospital after being struck at Pearl and West sts. by a car driven by Daniel Jackson, 22, of 2611 Paris ave.

Rubioff Tried to Evict Mother, She Charges

PITTSBURGH, July 10 (U. P.).—The 45-year-old mother of Violent Dave Rubioff charged in common pleas court yesterday that her son tried to evict her after gaining possession of the family home by trickery.

Mrs. Libbie Rubioff, describing herself as "practically blind," filed a petition through her attorney seeking an injunction to halt the sale of the seven-room house.

WORD-A-DAY

By BACH

RAPACIOUS (ra-pa-shus) ADJ. GIVEN TO PLUNDER; SEIZING BY VIOLENCE; SUBSISTING ON PREY; GREEDY; GRASPING

OH, BOY! IS THIS GONNA BE GOOD!

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