

## Authority on Space Travel Talks For Medford Knife and Fork Club

The first manned satellite will be put into orbit and returned sometime in 1960 or 1961.

So stated Willy Ley, German-born authority on rocket research and space travel, before the Rogue River Valley Knife and Fork club members Friday evening at the Rogue Valley Country club.

Speaking on "Rockets, Missiles and Space Travel," Mr. Ley commented that he could not say whether the United States or Russia would be first in having the manned satellite in orbit first. He did say that the Russians have an instruction program similar to the U. S.'s astronaut program and that Soviet scientists have said that they do not now have a rocket reliable enough to put a man into space.

Dr. Ley, who came to the United States in 1935, has been a pioneer in the rocket field since 1920. He was one of the founders of the German Rocket Society in 1927.

The speaker explained that the leading and original idea for rockets and missiles was space travel, the others only followed.

**Early Idea**  
As early as 140 A.D., Dr. Ley said, a fiction story on space travel was written by a Greek North African entitled "True History." It dealt with a ship being blown to the moon by a strong wind.

Science entered the picture in 1678, the speaker said, when Sir Isaac Newton presented a paper on the theory of artificial satellites before the fall meeting of a society in London. In this paper the facts, including necessary speed to put a satellite into orbit, were presented.

Dr. Ley explained that nothing happened in this field immediately as the necessary speed of five miles per second seemed an impossibility. The speaker added that Sir Newton referred to the satellite as "cannon balls."

It was not until 1898 that a paper was written by a Russian school teacher on space travel. In 1914 two patents were applied for in the United States. They were for a liquid fuel and "staging," where a larger rocket lifts a smaller one.

The first liquid fuel rocket was fired in March, 1927, by Dr. Robert H. Goddard in Alburn, Mass. Facts of this firing were not published by him until 1936. Meanwhile the German Rocket society had been organized and fired a rocket, also powered by

liquid fuel in 1930. By 1941 the German army was the only group still in the field. The Russians dropped out in 1939 after developing a rocket-propelled-by-man airplane.

**Hitler Dreams**  
It was about this time, Dr. Ley explained, that Adolph Hitler dreamed that the ballistic missile wouldn't work so withdrew support of the program. It was only through "goldbricking in reverse" that a missile was developed by the German army that worked by October, 1943. The V-2 rockets were mass produced in 1944 and in 1945 the program collapsed.

Dr. Ley discounted the stories that Russia was using German rocket engineers in their missile program. He said that the extent of the German contribution to the Russian program was the taking of 200 Austrian jet engine production workers to Russia where they remained for four years. He claimed that faulty translation, jet and rocket propelled being similar terms, was the reason for the original report.

The speaker believed that the Army-Navy joint project "Orbita" started in 1954 would have been successful to the extent of having a satellite in orbit by 1956 if they had been left alone. The project was cancelled in 1955 in favor of Vanguard.

He explained that in 1956 the Russians tied their satellite program to the intercontinental missile project.

Dr. Ley stressed that prior to the October, 1957, firing of Sputnik I, the Russians told us an amazing amount of information. He mentioned 17 clippings, from such publications as the New York Times and the Russian satellite program. On June 20, 1957, the Air Force released an unclassified notice that the Russians would "most likely" attempt at firing on September 17. The firing was on October 3.

The speaker mentioned the research currently underway to learn more about the Van Allen layer of radiation which lies between 650 and 12,000 miles from the earth's crust.

He said that the man in space program now planned would put a man in orbit for about 4 1/2 hours, or three times around the earth.

The speaker was introduced by Archie Pierce, club president. Also introduced were 19 new members.

Following the dinner The Rev. G. Robert Jacks, accompanied by Mrs. George Maddox, sang "Old Man River" and "Without A Song."

Photographer Bob Vroman and Potpourri had quite a time while taking pictures in the Francis Czekli home last week. The Czeklis, who came to Medford last summer, haven't had time to learn much English yet. The two of us, aided by Mrs. Richard Jewett, did pretty well giving directions for the pictures, but when it came to an interview about their life in their native Hungary, and later Switzerland, we sort of bogged down.

Mr. C., a baker, and Potpourri tried to talk by way of an English-Hungarian dictionary, but the newcomer did better with his two expressive hands. We gathered—this might not be quite correct, that he had served in the "freedom army," that when the family decided to leave Hungary for a better life elsewhere they escaped to Austria by walking at night when the guards would not see them, and from Austria made their way to Switzerland.

Mr. Czekli made dramatic gestures to indicate that they might have been shot, then laced his fingers across his face in a manner which we thought indicated prison bars. When we asked the couple if they were happy to be in the United States, they both indicated emphatically that they were and Mr. C. said "Why not!" and wrapping his fingers around his neck, he made strangling motions and noises and then said "Dead, dead!"

The two little girls, Mery and Marta, supplied a needed word now and then and when being photographed fell into giggling fits, just like girls do anywhere. The wore cheerful looking red corduroy dresses, long red stockings and interesting white slippers.

Mrs. Caroline Harding of the McLeod-Trail area talked about one of her favorite subjects at a recent meeting of the Winston-Dillard Home Extension unit. Mrs. Harding has been a member of an extension unit for about 30 years, so she didn't have any trouble finding something to say.

According to the Roseburg News-Review, Mrs. Harding recalled that the early demonstrations given for unit members were for the most part on basic homemaking skills such as canning, baking and jelly making, with special lessons on how to use feed sacks for clothing, and how to do embroidery work.

Mrs. Harding, who has been writing the McLeod news almost as long as she has been in extension work—or maybe even longer, was visiting her daughter, Mrs. A. W. Kobernik of Winston.

Usually the knives carefully laid out on the refreshment table at a wedding are used to cut the cake, but at the wedding of Nancy Jennings and Richard Pittman, at the Presbyterian church, one was used to cut a ribbon. Nancy Jennings' sister, Melissa, who was married earlier in the fall in Salt Lake City, was one of her sisters' attendants. When the wedding was over and before the reception honoring both daughters began, Melissa, now Mrs. James Christensen, changed quickly into a wedding dress and veil. She tied her hair back with a bit of ribbon before adjusting the circlet of orange blossoms, and then found the ribbon was too long. With no scissors handy, Mrs. Jennings picked up the cake knife, deftly cut off four or five inches of ribbon, adjusted the headdress and veil, and the reception began.—O.S.

One-fourth of all U. S. exports go to Latin America, and half of all Latin American exports come to the U.S.

To Elect  
Bethel 55, International Order of Job's Daughters, will elect officers at a meeting set for Tuesday, December 8, at the Pythian building at 7:30 p.m.



If you want figures on the city's growth and expansion and what not, take a look at the toy project of Medford firemen and Medford Lions auxiliary. When the firemen started repairing toys, way back in 1926, they distributed them to 20 or 30 children. Last year 780 children in 233 families received their Christmas toys through this project.

The firemen said last week that more toys are needed, and ask that valley folk bring them in as soon as possible. December 14 is the deadline. The men start the project in November, and earn money to buy parts, paint, new tires for wheeled toys, etc., by the annual Firemen's ball.

All manner of toys can be used. Repairs are made at the Central fire station, and painting is done at the West and East side stations. At this time of the year when the project is being rushed to completion, the men give all their time, other than necessary fire and maintenance work, to the toy repair. Normal daily drills are held to a minimum.

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**Honey Sauce**  
New York—UP—Half a cup of honey blended with 1 (6-ounce) can of frozen orange juice concentrate, thawed, makes a tasty sauce for ice cream or cake. These measurements yield 1 1/2 cups of sauce.

Top quality cranberries can be identified by a fresh, plump appearance, high luster, firmness and "bounce." They are graded by being bounced over 4-inch wooden barriers through a grading machine. Bad berries roll to one side to be discarded.

Richard J. Gatling patented the first machine gun on Nov. 4, 1862.

MAIL TRIBUNE, Medford, Or.  
Sunday, Dec. 6, 1959

### Christmas Party Set For Reames Chapter

Reames chapter, Order of the Eastern Star will hold a Christmas party following a stated meeting Thursday, December 10 at 8 p.m. in the Masonic temple.

Mrs. Audrey E. Roberts, worthy matron, and Carl Oestrich, worthy patron, will preside.

Everyone is asked to bring a gift costing no more than one dollar.  
Mr. and Mrs. Hazen Cram will be chairman for the evening.

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**CHRISTMAS NAPKINS**  
**and TABLE COVERS**

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**IS YOUR SANTA**

**Fluffy Warm**  
**Muted Toned Plaids!**

**Especially made**  
**for this Christmas**  
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Wonderful gift . . . a tremendous  
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**IS YOUR SANTA**

**ACRILAN® COVERED IN NYLON!**  
**EXTRA BIG COMFORTER!**

What a price for all this—1 1/2 pound winterweight that's fluffy, warm, soft! Stays put with snap tabs! Machine wash, medium setting. White, pink, yellow.

**10<sup>95</sup>**  
72 by 84 inches

**YEAR-ROUND GIFT OF WARMTH!**  
**SCREEN PRINT BLANKET**

Beauty that's practical! Durable Avisco® rayon and cozy Acrilan®, machine wash, medium setting! Life-of-blanket nylon binding. Beige-pink, turquoise.

**\$10**  
72 by 90 inches

**FASHION-IN-PRINT BLANKET!**  
**LOVELY SOFT COLORS!**

Exquisite . . . hand screened prints in loveliest shades of warm, fine quality rayon cotton and nylon. Nylon binding. White with rose, beige or all beige.

**7<sup>95</sup>**  
72 by 90 inches

**DEEPLY NAPPED COTTON**  
**SHEET BLANKET**

Fine quality, deeply napped! The perfect snugly sheet next winter! Ideal for sleeping bag liners, too! Long-wearing, with whip-stitched edges. Machine washable, ample 70"x90" size.

**1<sup>50</sup>**

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**Bath Oil Concentrée** in elegant decanters 3.00 and 5.00

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Double Stamps on Prescriptions  
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