

FRESHMEN HEAR UNI ASTRONOMER

Prof. G. D. Swezey Lectures To First Year Class At Temple Monday.

ILLUSTRATED TALK GIVEN

Slides Explain Common Mistakes About The Stars And Planets.

The field of astronomy was presented to the freshmen class in regular freshmen lecture Monday afternoon and Tuesday morning, by Prof. G. D. Swezey in the first of two talks he is giving to the freshmen on astronomical subjects. Astronomy, Prof. Swezey said in opening, is the oldest science, but the science which the average person knows least about.

The mistake is often made by people unacquainted with astronomy, of confusing planets with stars. Stars give their own light and are for the most part, much further away from the earth than the planets. Many of the stars are even bigger than our sun and it is only because of their great distance that they appear small. Contrary to popular belief, stars are not stationary but move often at a rate of thirty-five miles per second.

Prof. Swezey showed a slide of the constellation Cassiopeia as it was two thousand years ago and as it is today. One star had moved slightly out of line to the appearance of the eye. In reality, however, it is moving constantly at a speed much greater than a bullet. It is only because of their great distance that stars appear to be stationary. The milky way is composed of an infinitesimal number of stars.

The planets in the order of their sizes are: Jupiter, Saturn, Neptune, Uranus, Venus, Earth, Mars, and Mercury. These planets are all in the same class, that is they revolve about the same sun. There is also a series of smaller planets, many of them as small as ten miles in diameter known as the asteroids.

The sun is many million times bigger than the earth in volume. Its temperature is twelve thousand degrees Fahrenheit, which is much higher than any scientists have been able to reach. The sun is a gaseous mass not even having reached the molten stage.

Other heavenly bodies with which most people are unfamiliar, are the nebulae, comets, and meteors. The nebulae are gaseous bodies of diffuse shape. They are not definitely formed or compact in any shape. Comets consist of a head formed of a series of stars, and a tail composed of a multitude of minute stars, most of them no larger than a grain of sand. There are always small stars being thrown off by a comet, so that certain portions of the atmosphere are constantly filled with these floating bodies known as meteors. It is when these bodies come within the earth's atmosphere that we have such displays of meteors or shooting stars as are often seen in late summer and early autumn.

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GOOD OLD DAYS OF '09 TO BE REVIVED.

of the university would be out in force on Saturday night. Dances will undoubtedly be at a premium for that evening this week. There will also be large groups of unattached coeds who will attend the merry making.

It is still a dark secret as to the identity of beautiful Spanish maidens and dancing girls who will give to the party all of the charm and grace of sunny Spain. The committee in charge reports that the members of one of the most prominent societies in the university are to appear, but no further details have been divulged. Their names will be announced thru the columns of the paper in a day or two.

In case that the receipts from the party exceed actual expenses, which is hardly anticipated, the surplus will be applied toward purchasing new regimental colors for the university. The present standard is in such a dilapidated condition that it is hardly a credit to the university when carried at the head of the regiment during parades and reviews. The old standard has seen many years of long and honorable service and deserves to be retired on pension.

The carnival will be chaperoned by the commissioned officers of the regular army who are stationed at the university, and their wives.

Most people like macarons and they can get them fresh every day at the Sunlite Bakery, 13th and N streets.

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Unquestionably, the past and prospective growth in population of the several countries is an important factor in the situation. The United States has now a population of about 110,000,000, and is likely to double in numbers at least twice in the next century, in which case it will have a population of nearly 500,000,000 by the year 2021. Japan, on the other hand, because of her lack of coal and iron, has no such prospects, unless she can establish her power on the Asiatic continent or elsewhere, or can obtain such expansion of foreign commerce as will provide her people with an increase in supply of food.

But the other countries of the Pacific do not welcome Japanese immigrants. In China, even, they are none too popular, and colonization or territorial aggression in Siberia is likely to be opposed, sooner or later, by a rehabilitated Russia. Anyway, the climate of Siberia is not exactly suited to the Japanese. Also, the policy of the "open door" stands in the way of a Japanese monopoly in China. For these and other reasons Japan, like Germany before the war, finds herself ringed about by opponents, largely because of her own internal and outward pressure of population.

Therefore, as many publicists think, Japan is a militaristic country, whom her less populous neighbors have reason to watch, if not to fear. Certainly, Australia and New Zealand are very conscious of their precarious position, as thinly settled outposts of the British empire, and would look to the United States for protection in case of trouble. It is not impossible that the coming conference, if it does not bring about some limitation of armament, will result in a closer rapprochement of all the English-speaking countries of the Pacific.

INDUSTRIAL RESEARCH CLUB OUTLINES PLANS

Series of Open and Closed Meetings to be Held During the Year.

An organization was formed on the campus last year for the purpose of giving the students an opportunity to become better informed on the industrial and labor problems of the day. The name selected for the organization was "Industrial Research Club."

A series of open and closed meetings will be held through the coming school year at which outside speakers will be largely used. All meetings are followed by an open forum session at which student discussion is encouraged.

At the first meeting of the year, Ben Cherrington who was a member of a commission which toured Europe during the summer investigating conditions generally, told of some of the things the commission discovered. Next week, a meeting has been arranged at which presidents of some of the local railroad unions will speak on the strike situation.

The officers of the club are: President, Clyde Wilcox; Vice-president, Addeheit Dettman; secretary, Amy Martin.

UNI. MUSEUM RECEIVES VALUABLE ADDITIONS

Prof. Chatburn has presented to the state museum for class use samples of pure silica sand from Ottawa, Ill. The sand is standard for the half-cement test throughout the U. S. The samples include the rough materials as quarried and also the screened product for the market.

Prof. Schramm on a recent trip to the Black hills secured some remarkable samples of polished agate, marble pink tourmaline in large quartz crystals and finely rutinated quartz. These samples are to be added to the collections of the state museum.

Miss Nellie Vail, '09, has added to the collection of baskets some remarkable samples from the Washoe Indians. These include three elaborate designed baskets so well made and finely woven that they will hold water.

LAW FOOTBALL TEAM HOLDING PRACTICE

The law football team is settling down to hard daily practice in anticipation of the game against the "Dents," which will be played in the near future. Several trick plays are being tried out, but the chief mode of attack will probably be through the air. It is rumored that the law grid coach is going to scout the Pittsburgh game, and come back to school his proteges in the best plays of the easterners.

DAIRY CATTLE PICTURES TO BE SHOWN ON FRIDAY

A showing of some unusual films of dairy cattle will be made in room 305 Agricultural hall on Friday evening, November 4, at 7:30 p. m. These films represent some of the finest individuals of the Guernsey, Jersey, Avshire, and Holstein breeds and are said to be the best motion pictures of high class dairy animals taken. The exhibition will be given through the courtesy of Professor J. G. McLaw of the Quaker Oats Co., formerly of the Massachusetts agricultural college. All interested are urged to attend. There will be no admission.

WANT ADS.

LOST—A GOLD EVERSHPAR PENCIL in or about R. 101 S. S. Return to Student Activities office.

LOST—A MARTEN NECK PIECE: between 1310 R street and the administration building about 2:15 Saturday. Presumably picked up by a student on way to football game. Please leave at Student Activities office.

PARTY FINDING MUSIC BAG LEFT at Conservatory kindly return Student Activities office.

LOST—SMALL BLACK SCHAEFER fountain pen, between 16th and R and teachers' college. Reward. Return to Student Act. Office.

LOST—A LARGE NOTE BOOK—notes in labor problems, philosophy and money and banking. C. S. Royer. B1421.

SOCIETY PRINTING AND ENGRAVING. Christmas greeting orders now taken. Boyd's, 125 No. 12th.

EXTENSION COURSES FOR OMAHA PEOPLE

The University of Nebraska is again giving a series of extension courses in Omaha. They are given by the college of arts and sciences, the college of business administration, and the teachers' college.

A course is now being offered at Duquesne college and the convent of the Sacred Heart for university credit at the University of Nebraska. The course is divided into two divisions: political science, and practical English. "Bizads" are also busy in Omaha as well as here. Two courses in business administration will be given under the auspices of the chamber of commerce. Professor Dana F. Cole will give the course on accounting.

The Omaha students are more than enthusiastic about these courses and a large enrollment in every class is expected.

STUDENTS ENTERTAINED BY HOME EC. FACULTY

The members of the home economics faculty entertained the students of the department at a Halloween ghost party in machinery hall day evening. All came masked, either as ghosts or in otherwise appropriate costume. The large, barn-like room was appropriately decorated by the means of cornstalks, pumpkins, jack-o-lanterns, orange-shaded lights and Halloween symbols.

The unmasking of the guests created much mirth and laughter. Fortune telling, a cold supper in a darkened room, a chamber of horrors, and dancing furnished the entertainment of the evening. About one hundred home economics students attended the party.

SQUARE AND COMPASS TO MEET WEDNESDAY

Mr. George C. Mason, past master Lincoln lodge No. 200, A. F. & A. M., and grand recorder of the Grand lodge of Nebraska, will address the Square and Compass club at its monthly meeting, November 2, at 7:30 o'clock at the Scottish Rite temple. The topic of Mr. Mason's talk will be "The New Masonic Laws of the State of Nebraska," and all master Masons are invited to attend. The club's membership includes all Masons on the university campus but all are asked to hear this lecture.

The club will complete its group organization and take further action on the scope of activities for the coming semester at this meeting. A large attendance is desired so that the general opinion of all may be secured concerning the carrying on of this work among the Masons on the campus.

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PHYS. ED. DEPARTMENT FEED IS ON THURSDAY

The girls in the physical education department will meet for one of their old time feeds for the first time Thursday at Ellen Smith hall at 6:45 o'clock. There are about thirty new girls in the department this year and all new girls are urged to come and get acquainted. The freshmen will give a stunt, as is the custom for the first feed each year. Every new girl will have the chance to meet all the girls as well as the teachers.

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