



DR. IRWIN A. MOON, director of Moody Institute of Science, gets 65 pounds of lead weights in his belt before he is ready to descend into the sea with his underwater camera.

## Technicolor Film Records Fish Talk

For the first time, fish sounds have been recorded in a film.

The film, "Voice of the Deep," produced by the Moody Bible Institute of Chicago, will be shown in the Student Union ballroom, Thursday, Jan. 6, at 4 p. m. It is sponsored by the Inter-Varsity Christian Fellowship.

Through the use of the hydrophone, an underwater microphone, it has been revealed that fish have a definite language of their own. Their aquatic conversations in this film resemble the peculiar quacks, grunts, whistles, and clucks of a barnyard.

The scenes in this picture were made off the coast of Southern California. Delicate sounding devices were used to determine where the noisiest fish were and then a diver was lowered into the sea with a specially outfitted camera and the hydrophone. The diver came back with thirty minutes of colorful marine drama. Preacher-scientist Irwin A. Moon climaxes the film by linking the new discovery to man's need of God.

"Voice of the Deep" is one of a series of sound-color films being produced by Moody Bible Institute in an effort to link science and religion. The IVCF sponsored a previous Moody Production, "God of the Atom," last semester.

## Baller Directs Texas U Grads

Dr. Warren R. Baller, acting dean of the junior division and professor of educational psychology has received a four months leave of absence to direct a graduate study program at the University of Texas.

This program is a new project the University of Texas is starting in the field of human behavior and development. It is being planned especially to be of use to teachers in the larger public schools of the Southwest and will be included in courses heading towards masters and Ph. D. degrees.

Dr. Baller and his family will leave Lincoln for Austin, Tex., late in January. During his absence, Dr. Nels A. Bengston, former dean and professor of geography, will direct the affairs of the junior division.

## '47, '48 Yearbooks Go on Sale Today

Cornhuskers for '47 and '48 will go on sale today and the sale will continue through January, Ray Beimond, Cornhusker business manager, announced today.

"The books have been held because of outstanding subscriptions which have not been called for. There are about 150 available '48 books and 60 for '47, Beimond said.

Students may call for the books at the Cornhusker office any afternoon before exam week.

A few '45 and '46 yearbooks are also available.

"Sale of the '49 Cornhusker will close in January. Students who paid only a portion of the yearbook's total cost must supply the remaining deficiency before February 1st," Beimond added.

## New Cancer Aid Found By NU Prof

Research on a chemical which may prove an effective weapon against cancer is being developed by Dr. Norman H. Cromwell, university chemist. A grant of \$7,992 to Dr. Cromwell for the continuance of his research was granted this week by the U. S. Public Health Service.

The chemical, called "nitrogen mustard," is related to a potent mustard gas developed during World War II. It produces a blistering effect on normal tissues, but on abnormal tissue, such as cancer cells, its effect is even more adverse. The new chemical has already been used successfully in clinics to treat certain types of cancer.

With the funds granted him by the Cancer Research Grants Branch of U. S. Public Health Service, Dr. Cromwell hopes to prepare compounds related to nitrogen mustard gas which will have a lower general toxic effect on human beings. At the same time he will strive to get an equal or greater selective anticancer activity from the chemical.

"We are not overly optimistic about this approach to solving the cancer problem," Dr. Cromwell said. "We believe, however, that the behavior of the nitrogen mustard compounds should be exhaustively studied. It seems more probable that a complete solution of the cancer problem cannot come until more is learned of cellular growth and composition."

Dr. Cromwell said the anticancer compounds related to nitrogen mustard to be prepared at Nebraska will be tested by the Sloan-Kettering Institute for Cancer Research in New York City.

## Students Get Pre-Exam Rest

First semester classes will be dismissed at noon on Saturday, Jan. 15, according to a decree handed down by the faculty senate.

Exam week will begin Wednesday, Jan. 19, at 8 a. m., Dr. G. W. Rosenlof, Registrar, announced. This plan gives students two free days, Jan. 17 and 18, before examinations.

The decision was made by the senate at a pre-Christmas meeting. The senate acted on a student body request. The two-day holiday system has been used in previous years.

The dates for exam week were worked out and announced by the registrar's office before the holidays.

## Temple Auditorium Shut, Condemned as Fire Hazard

### Uni Theatre Must Find New Home

University dramatics suffered another setback during vacation. Through an order by the office of the State Fire Marshall, the Temple Theater Auditorium has been condemned for public gatherings. The decree is effective "until such renovation has been made as prescribed by the State Fire Marshall's office."

The result of his action is that the University Theatre must find a new place to stage its plays. The order does not effect the rest of the building so long as it is used exclusively for classroom and laboratory purposes. Experimental theatre productions will continue in 201 Temple but attendance will be limited exclusively to students in speech department and other students participating in campus theatre activities. The auditorium will be out use for at least the rest of the year.

### Union Calls Bridge Fans For Tourney

The Union office is putting out a call for bridge players to compete in a series of three tournaments, prior to entering the 1949 National Intercollegiate Bridge Tournament in February. First in the series is a tourney to be held at 2 p. m. Saturday in the Union ballroom.

All students interested are urged to register in the Union office in teams before noon Saturday. Dale Ball, Ely Culbertson bridge expert, will be in charge of the tournament.

The national contest will be conducted in preliminary rounds by mail in February, and the 16 highest-ranking pairs will meet for the face-to-face finals April 22 and 23 at the Drake Hotel in Chicago. The players will be guests of the Intercollegiate Bridge Tournament Committee.

Invitations have been extended to 325 other colleges and universities, and the top four teams from each school will be eligible to compete in the preliminary rounds. Last year's tournament was won by the team from Capital University of Columbus, O.

The Intercollegiate Bridge Tournament Committee, which supports the event so that there is no cost to competing colleges or players, is a group of college alumni and officials interested in developing Contract Bridge as an intercollegiate sport in which men and women can compete on an equal basis.

See Page 3, Temple

### Causes Inconvenience

Dr. Leroy Laase, Speech Department head, in an interview Wednesday stated "Taking the Temple auditorium out of use at this time seriously inconveniences the department of speech. It will remain an inconvenience until such time adequate facilities are again available for production purposes.

"However, public safety must take priority over departmental conveniences. I am hopeful and confident that the University administration and the Board of Regents will proceed as rapidly as possible to alleviate the inconvenience which seriously interferes not only with our departmental program but also with the school of music and other University organizations which utilize the facilities of the Temple Theatre auditorium."

### Life Hazard

The ordinance, issued in compliance with the Board of Regents condemnation announcement two weeks ago, states:

"As a result of the recent inspection of the Temple Theatre auditorium by State Fire Marshall Iverson and Chief Feaster of the Lincoln Fire department, the auditorium has been determined to be an extreme life hazard in case of fire or panic and under orders from these officials this auditorium will not be used again for public gatherings until the fire hazards and danger points can be corrected."

### Remedies Outlined

In the same order were several specific prescribed remedies for

## Registration Reaches 6000

Students with numbers up to 6,000 will register for second semester classes this morning according to Dr. George W. Rosenlof, registrar.

Registration was resumed Wednesday with numbers in the lower six thousands. The numbers were advanced more rapidly than normally because so many students had not yet returned. It is expected that the entire procedure will be completed by Saturday.

Closed sections yesterday afternoon were as follows:

- Art 129.
  - Astron. 70, 72.
  - Bus. Org. 24, 96, 141, 147, 161, 171, 172, 205, 212, 226, 230, 249, 290.
  - Chem. 220.
  - Econ. 107, 120, 171, 205, 211, 212, 222, 267.
  - EE 93, 101.
  - ME 129, 210, 211, 213, 214; by perm., 226, 228, 235, 237.
  - Math 101, 262.
  - PE 2, 75, 105.
  - Psych 151, 157, 188, 2551, 262, 271, 280.
  - Zool 102, 112, 142, 144.
  - Home Ec 87.
  - BO 3, Sec. 1; 4, Sec. 2, 3, 5, 7, Lab C, D, F; 21, Sec. 1 141, Sec. 3, 1.
  - Chem 2, Lab D; 4, Lab D, A, B, 19, Quiz 3, Lab A, C, 31, Lab A, C; 3, Lab C; 236, Lab A, B, C; 232, Lab A.
  - Econ. 12, Sec. 5, 6; 103, Sec. 1, 2; 115, Sec. 1, 2, 3, 4; Lab A, B, C, D, E, F, G, H, I.
  - Educ 102; 141 Sec. 3, 4.
  - Eng B, Sec. 60; Sec. 50, 60; 2, Sec. 20; 4, Sec. 50, 60; 5, Sec. 1, 2, 3; 11, Sec. 3, 4; 22, Sec. 1, 2, 4, 8; 212, Sec. 1.
  - Ge 1, Sec. 1, Lab A, B; 219, Sec. 3; 1, Sec. 2, Lab C.
  - EE 155, Sec. 1, 2; 198, Sec. 1, 2, 208, Sec. 2, Lab A, C, E; 209, Lab A, B, D; 257, Sec. 1, 2, 4, 5; 240, Lab B.
  - Engr 100, Sec. A.
  - E, M, 2, Sec. 10, 11, 12; 4, Sec. 5; 123, Sec. 1; 223, Sec. 2, 3, 4; 225, 1, 6; 7, 8, 9, 10; 226, Sec. 2, 4, 5; Sec. 1, 2, 3, 5; 230, Sec. 1; 240, Sec. 1; 243, Sec. 1, 2.
  - ME 6, Sec. 1, 2, 3; 5, Sec. 1; 208, Sec. 1, 3.
  - Geog 72, Lab B, F.
  - Home 175, Lab A, B; 182, Lab A, B, D; 195, Sec. 1.
  - Math 16, Sec. 6A, 6B; 42, Sec. 3; 105, Sec. 2; 106, Sec. 1; 107; Sec. 3, 4; 110, Sec. 1.
  - Mu Sr 2, Sec. 3, 4, 5, 13; 4, Sec. 4, 5; 106, Sec. 2.
  - PE 21, Sec. 14b, 7b, 14a, 20a; 22, Sec. 1, 2; 116, Sec. 1; 32, Sec. C, D; 54, Sec. 2, 3, 4, 6, 9, 10 (women).
  - Physics 2, Lab B, D, Rec. 3; 3, Rec. 3; 4, Rec. 4, 5, Lab E, F; 12, Lab D, E, Phil 10, Sec. 1.
  - Pol Sci 4, Sec. 2, 3.
  - Prac Arts 50, Sec. 2, 35, 6, 7, 8.
  - Sec Sr 2, Sec. 1, 2.
  - Speech 9, Sec. 2; 3; 55, Lab A; 75, Lab B; 76, Lab C, D; 109, Lab A, C, E; 110, Lab A, B; 111, Sec. Lab B, D, E, G, H.
  - Zool 2, Rec. 1, Lab C; 105, Lab A, B, Sec. 53, Sec. 3; 54, Sec. 2.
- Correction in catalogue: EM 2, Sec. 9, 204 B, 8-10 MWF New sections include:
- Chem 256, Lab D, 1-5 F
  - EE 236, Sec. 5, 1-5 S
  - EM 225, Sec. 12, TWTHF
  - Econ 115, Lab K/G 10-12 T
  - Jour 175, Lab C, 9-12 S
  - ME 6, Sec. 4, Lec. 1, 2, Lab 7, 10 MWF
  - PE 2, Sec. 2, 10 MWF; 23, Sec. 7, 10 MWF
- Closed sections in Ag registration include:
- AE 100
  - Agron 206
  - AE 17
  - Home Ec 103, 91
  - AE 7, Sec. A, B; 21, Sec. 2, B, C; 25, Sec. A, B; 152, A.
  - Agron 53, Lab A, B, C, D, E; 277, Lab A, B; 1, Sec. 1, 3, Lab A, C

## Work to Begin on New Mueller Carillon Tower

Work will begin within the next week on an \$85,000 carillon tower to be located between Morrill and Bessey halls on the north-south mall about half way between the Coliseum and Love Memorial library.

The tower is an 80th anniversary gift to the University of Nebraska from Ralph S. Mueller of Cleveland, Ohio. Mueller, a graduate with the class of 1898, has made funds for the tower and chimes available to the University Foundation.

Upon completion, probably in midsummer of 1949, the tower and carillon will be presented to the University by the Foundation and will be known as the Ralph Mueller Tower.

Contracts Awarded. Contracts for construction of the tower have already been awarded to the Olson Construction company of Lincoln, according to Perry Branch, director-

secretary of the Foundation. Modern in design, the octagon tower will be built of buff Bedford stone and will stand 83 feet high. The chimes will operate by means of electronics and may be played manually or automatically. The sound will be amplified to cover a wide area.

"This gift," said Chancellor R. G. Gustavson, "is a splendid contribution to the university campus. It is thoroughly in keeping with the Foundation's beautification program. We are very grateful to Mr. Mueller and to the Foundation." Director Branch said the Foundation hopes Mueller will be able to come to Lincoln within the next few days to attend a brief ground-breaking ceremony.

Comments Aroused. Concerning Mueller's contribution, the Journal has made the following comment: "Scarcely any Christmas gift could have been

more appropriate to the season than the bell tower bestowal. . . This latest ornament to the campus was given thru the University Foundation, which more and more is channeling the generosity of citizens to the benefit of the institution."

Adverse opinion is expressed by Ronald Barnes in a letter to the Journal: "Why must the university accept this useless and costly adornment, when the students and teachers who will hear its electronic voice are crammed into firetraps that should have been pulled down 20 years ago. . . his generous gift is thoughtlessly given."

Mueller, who has long been interested in university alumni affairs, is a native of Council Bluffs, Ia. He received his bachelor of science degree in 1899 and since 1904 has resided in Cleveland where he is president of the Mueller Electric company.