

Unusual 'Bonophone' Made By NU Museum Preparator

Henry Reider Experimented Five Years To Develop Musical Instrument Composed Of Rhinoceros Ribs

By HAROLD ROSELIUS Staff Writer
Henry Reider, chief preparator of the University State Museum in Morrill Hall, owns what is probably the only musical instrument of its kind in existence. The instrument, which he named the "bonophone," is made

from the ribs of prehistoric rhinoceros estimated to be well over a million years old. Discovery of a mellow musical tone occurred when Reider accidentally knocked two of the ribs together while preparing a mounting for the museum. However, it was not until the

sound occurred again while drilling the ribs, that Reider took an active interest in the tone quality.

REIDER began a series of experiments in which he found that only the Pliocene rhinoceros of Nebraska produced a satisfactory tone. He experimented to develop a proper base which would not deaden the resonance of the bones. It was found that supporting the ribs on a rubber surface at the ends and securing them by rubber bands was the most successful.

The greatest task was to select bones with the correct pitch. Reider made this possible by grinding off the ends of the bones as needed to get the correct note.

After five years of patient labor in his spare time, Reider finally completed his musical instrument the "bonophone."

WORK ON the instrument began in 1929 as a hobby. Reider commented, "The bonophone is just for fun; to prove that there is humor even in paleontology." Reider has made special appearances over national radio hook-ups, including John Hick's "Strange As It Seems" program and Major Bowes' Amateur Hour. He gave a personal performance before Dr. Roy Chapman Andrews and staff of the American Museum of Natural History in New York City.

Stories of the bonophone have appeared in many magazines and was featured in Robert Ripley's "Believe It or Not." In addition, Reider was invited to appear in the "Believe It or Not" exhibit at the New York World's Fair.

ON ONE OTHER occasion, the bonophone was featured in a University national hook-up sponsored by the Pontiac Corporation. The following poem was used in the presentation of the bonophone:

Before the dawn of history,
In fact, before the flood,
The rhinoceros frolicked
In the prehistoric mud.
He little thought, this ancient
beast,
What tricks the fates would
bring.
That from his bones
Would come the tones
Of waltzes, jazz and swing.

Interviews for Associated Women Students Board will be held from 2-5 p.m. Friday and from 8-12 a.m. Saturday.

Criteria for judging will be: cored's knowledge of AWS, suggestions for improvement, interest and reasons for interest in AWS.

Film Society Schedules 'Greed' As First Show

Memberships Now On Sale In Union

The 1954 Film Society, sponsored by the Union activities committee has announced the schedule of films which will be shown at the Capitol Theater. The series will open Wednesday. Admission which is by membership only, entitles the owner to see 10 films for \$1.80. Memberships are on sale in the Union lobby.

FILMS ARE:
Wednesday, 7:30 p.m. "Greed," a realistic adaptation of Frank Norris' "McTeague."
March 3, 7:30 p.m.: "Blood of

a Poet," Cocteau transmits his work in four sections through the medium of self-expression. "Moana," a dramatization of the traditional forms of hunting, fishing, feasting and love-making of the Samoans.
March 17, 7:30 p.m.: "Duck Soup," a Marx Brothers comedy and "The Barber Shop," a two-reeler featuring W. C. Fields.

MARCH 31, 7:30 p.m.: "A Time Out of War," a mood film produced in 1953 by Denis Sanders of University Photographic Productions. The story is based on "Pickets" by Robert W. Chambers, "The Land," a story in documentary form of American agriculture during the 1930's will also be shown.
April 7, 7:30 p.m.: "Picture-Adventure in Art" portrays the Artist's painted figures which are the actors in a dream world which unfolds itself before scenery imagined by the painter, Vincent Price, Henry Fonda, Lilli Palmer, Gregory Peck and Harry Marble are narrators.

APRIL 21, 7:30 p.m.: "The Blue Angel," which has been described as the highest point of director Josef Von Sternberg's film career. The film star is Marlene Dietrich.
May 4, 7:30 p.m.: "Fame is the Spur" unfolds a panorama of political England from the 1870's to Ramsey MacDonald's first national government. It was filmed in England by the makers of "Hamlet" and "Henry V."

Bridge Card Players To Compete On Saturday

The 1954 National Intercollegiate Bridge Tournament will be held Saturday at 2 p.m. in the Union, Colleen Farrell, chairman of the Union recreation committee, announced.

James G. Porter, professor of architecture, will direct the tournament. He said that the rules and procedure of the finals will be explained at the preliminaries Saturday.

DURING FEBRUARY, 172 colleges and universities throughout the United States will compete in the national bridge tournament. Forty-four states and the District of Columbia are represented in the entries.

Colleges winning national titles will receive trophy cups. Individual national winners will receive smaller cups. In addition, winners will each receive a certificate suitable for framing.

Winners of the tournament Saturday will enter in further competition Feb. 20.

Music Composition Competition Opens

The 1954 annual competition for the best instrumental or vocal compositions by student composers, sponsored by Broadcast Music Inc., has officially opened.

A total of \$7,500 in prizes will be awarded to winning composers who are students of accredited schools. All awards will be applied to tuition and subsistence.

Official rules and entry blanks may be obtained from Russell Sanjek, director, SCRA Project, 580 Fifth Ave., New York 19, N.Y.

Dance Artist To Hold Clinic At City YWCA

Jane Farwell, folk dance artist and recreation leader, will present a clinic Tuesday at 8:15 p.m. at the city YWCA.

Students from the physical education and elementary education departments are invited to attend by the YWCA.

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Research Grants

NU Given \$26,250 Award For Embryo, Heart Studies

Research grants totaling \$26,500 have been received by the University. R. W. Goss, dean of Graduate College and research administrator, announced Friday. Grants are for study of the re-

productive system of mammalian embryo. \$3,720 from the U. S. Public Health Service to Dr. Edward A. Holyoke, anatomy department of the College of Medicine.

FOR THE continuation of cardiovascular research, \$5,000 from the Nebraska Heart Association to Dr. F. L. Dunn, department of internal medicine.

For the study of biological interactions, \$10,000 from the National Science Foundation to Herbert Jehle, associate professor of physics.

For the continuation of the study of soil insect control, \$500 from the Shell Chemical Corporation to the entomology department.

FOR CHEMICAL weed control study, \$500 from the Dow Chemical Company to the agronomy department.

For study of acid vapor temperature methods, \$1,800 from Phillips Petroleum Company to Dr. W. F. Weiland, department of mechanical engineering.

For the identification of "dwarf-free" and "dwarf-carrier" animals in beef cattle, \$500 from Swift and Company to the animal husbandry department.

Five Students Initiated Into Kappa Alpha Mu

Kappa Alpha Mu, honorary journalism-photography fraternity, held initiation for five students Wednesday evening.

New members are: Marcia Mickelsen, Bradley Crow, Francis Svoboda, John Terrill and Ray Magorian.

Miss Mickelsen was elected treasurer to succeed Charles Klasek who resigned recently.

Metal Worker Meeting Set For Monday

The University department of mechanical engineering will sponsor a metals conference Monday and Tuesday on campus for metal workers from Nebraska and neighboring states. The purpose will be to assist foundries and metal-working companies in decreasing production costs and improving the quality of products.

The conference is led by the mechanical engineering and extension divisions in cooperation with the Nebraska chapters of the American Society of Tool Engineers, American Foundries Society and Associated Industries of Nebraska.

Sessions will be under the direction of faculty members from the department of mechanical engineering and representatives of several national and state metal-working concerns. Professors N. H. Barnard, Robert A. Retner and Walter F. Weiland will participate.

Undergraduates May Enter In Annual Poetry Contest

Entries for the annual Ione Gardner Noyes Memorial Poetry Contest must be submitted by 5 p.m. March 1.

Prizes of \$50 and \$25 shall be awarded to the two best original unpublished poems submitted by regularly enrolled University undergraduates.

EACH CONTESTANT may enter as many as three poems. Poems may be of any length, in and form and on any subject. Each poem should be typed in triplicate and double spaced. The name of the author should

Union Dance

The Union Candlelight Room will be open for dancing and snacking Saturday from 8:30 to 12 p.m.

There will be no cover charge.



Dig Those Crazy Bones
Henry Reider, preparator for the University Museum, demonstrates the musical tones of his "Bonophone," an instrument he made from the mil-

lion-year-old bones of a rhinoceros. The novelty is a result of an idea Reider had when he was preparing bones for an exhibit.

Your Church God Has A Place On Campus

Methodist Student House 1417 R
Sunday—Foundation Student Council, 3 p.m. Wesley Fireside, "God in Worship," 5 p.m.
Tuesday—Sigma Theta Epsilon Rush Party, 5:30 p.m. Kappa Phi cabinet meeting, 7:30 p.m.
South Street Temple
Friday—Special services, 8 p.m.
Sunday—School, 10-12 a.m. University Lutheran Chapel (Missouri Synod) 15 and Q
Sunday—Worship, 10:45 a.m. Gamma Delta, beginning with cost supper, 5:30 p.m.
Tuesday—Christian Doctrine class (group 1), 7 p.m.
Wednesday—Christian Doctrine rehearsal, 7:15 p.m.
Christian Student Fellowship
Friday—Convocation, First Christian Church, reception following, 7:30 p.m.
Wednesday—Midday meditations at Baptist House, 12:30 p.m.
University Episcopal Chapel 13 and R
Sunday—Holy Communion, 9 a.m. Morning prayer with sermon, 11 a.m.
Wednesday—Holy Communion, 7 a.m. Choir practice, 7:30 p.m.
Presbyterian-Congregational

Spanish Club Announces Meeting For Tuesday
Spanish Club will feature a series of games including riddles, puzzles and charades at its next meeting Tuesday at 7:30 p.m. in Union Room 316.

The games, which will all be played in Spanish, are related to vocabulary and geography. Spanish songs will also be part of the program.

Club sponsor Hal Carney, instructor in romance languages, stated that everyone who is interested in Spanish is invited to attend the meeting. There will be a 25 cent charge for refreshments.

Federal Agencies To Offer Student Training Program

A program providing special training in various Federal agencies for college sophomores and juniors has been announced by the U.S. Civil Service Commission.

To qualify for the Student Aid Trainee program, applicants must pass a written test and be majoring in one of the following fields: chemistry, physics, mathematics, metallurgy, meteorology or engineering. Students appointed to the trainee positions will remain in them for no longer than 24 months. The positions pay \$2,950 and \$3,175 a year.

Section Of University Art Collection To Begin Year's Tour Of Nebraska

"A University Collects," an assemblage of 25 paintings selected from the permanent University collection, will be circulated throughout the state for one year beginning the end of February.

The traveling collection will be circulated under the auspices of the American Federation of Arts, which provides paintings to towns, small colleges and schools which have no permanent exhibitions of their own.

Selection of the paintings to be included was made by Harvard Amason, trustee of the Walker Art Center at Minneapolis, Minn. He was assisted by Norman

University 'Tooth-Jerkers' Located In Andrews Hall

All types of dental work are done there by the students, who begin practical work the second semester of their freshman year.

FACULTY OF the dental school consists of ten full-time dentists, ten part-time dentists, registered nurses, medical technicians, laboratory technicians and basic science instructors.

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NU Regents Approve Faculty Adjustments

Eighteen New Appointments Made

The Board of Regents approved Wednesday the resignations of seven teachers, one leave of absence and 18 new appointments to the teaching staff, in addition to eight adjustments in work and salary.

Resignations approved were those of Burton L. French, assistant professor of agricultural economics; Donald Beeman, agricultural extension assistant; Warren K. Dalton, instructor in business law, and John W. Thomas, research associate in agricultural economics.

Fraternity Men Laud Greek Week

Benefits Told, Criticism Given

Comments from several fraternity men indicated that they felt that this year's Greek Week program is a promising start toward better cooperation in the fraternity system.

Several expressed hope that Greek Week would become an annual event.

In evaluating its benefits, Marshall Kushner, Zeta Beta Tau, stated, "It will help the fraternities to discuss problems which are common to the fraternity system because they will be better able to cope with the problems. I consider this year's program tremendously successful and hope it will become an annual affair."

OTHERS WERE John M. Gradwohl, research associate in law; Miss Jeanne S. Beck, assistant professor of agricultural economics; Donald Beeman, agricultural extension assistant; Warren K. Dalton, instructor in business law, and John W. Thomas, research associate in agricultural economics.

Agricultural department added Don Kanel, assistant professor; Miss Cynthia E. Payne, extension assistant in home economics, and Robert A. Woolman, agricultural extension assistant to the teaching staff.

College of Medicine has added Miss Marjorie M. Fouts, instructor in pediatrics; George A. Young, Jr., associate in neurology and psychiatry; Miss Rosaire E. Lemire, instructor in internal medicine; John F. Latenser, clinical coordinator in internal medicine, and Laverne C. Strough, assistant professor of psychiatric training.

MISS MARGARETE W. Moon, part time instructor; Miss Doris C. McMurray, teaching assistant and Lichu Chen, teaching assistant, will aid the romance language department.

Mrs. Helen Rogers Hyde has been placed by the extension division as an instructor in art. The University administration has placed William L. McKillip as a part-time instructor. Wilfred W. Nuernberger is part-time instructor in business law. The department of history and principles of education has placed David R. Knapp as a part-time instructor.

JOHN E. Behnke, Jr., is a new research associate in law. Miss F. Eloise Pool is an instructor in mathematics in extension.

Robert Schlater is a part time instructor in journalism to replace William H. Hice, who resigned. Schlater is a 1943 graduate of the University and received his masters degree in journalism from Columbia University in 1948.

Howard W. Deems, assistant professor of vocational education, has been granted a three month's leave of absence for graduate study.

IT WAS needed," Marv Stromer, Pi Kappa Phi, pointed out, and went on to explain: "It helped put the finger on why the Greeks are on campus and what they are intended to do. Discussing and hashing out problems opens the door to greater cooperation in the future."

Jerry Minnick, Delta Upsilon, stated Greek Week's value this way: "Greek Week could be a great advantage to fraternities at NU if they work together in re-laying ideas to all fraternities. The week is helping to show what a great organization it really is."

SOME ADDITIONAL points were brought up by Bob Loch, Delta Upsilon, "I think the discussions are good even though not everyone is interested in all the topics discussed. It is particularly good for frat men to meet on other than purely social bases. If they keep this up for five or ten years, Greek Week would show great influence on the campus and the frats."

Further information and application forms may be obtained at the local post office or from the U. S. Civil Service Commission, Washington 25, D. C. Applicants wishing to take the examination must file applications before March 2.

Sinfonia Plans Annual Membership Smoker

Phi Mu Alpha Sinfonia, music fraternity, will hold its annual smoker Sunday at 3 p.m. in Union Parlors XYZ for students interested in becoming members.

Membership is not limited to music majors. Anyone with an active interest in music may attend.

Two Professors Publish Articles

Two members of the University faculty have written articles which have appeared in recent publications.

Dr. J. O. Hertzler, professor of sociology, is the author of "Toward a Sociology of Languages," which appeared in the December issue of Social Forces.

Dr. Richard Threet, assistant professor of geology, wrote a paper, "Horizontal Diet a n c e Corrections and Plotting Errors in Stadia Surveying." It was published in a recent issue of the Bulletin of The American Association of Petroleum Geologists.

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