

Musical Bone Xylophone Four Million Years Old

What's in Morrill Hall that can be found nowhere else on earth?

The bonophone, designed and constructed by Henry P. Reider, chief preparator of the University State Museum, is unique. It is a xylophone made from the bones of a 4-million year old fossil rhinoceros.

Rubber Bands

Two rows of bones are attached by rubber bands to a rubber covered wooden frame. They run the full two octave range of a true xylophone — from G below middle C to G in the second octave above. Reider described the pure sounds when the bones are hit by common hardwood mallets as unique — not the sound of glass and yet not the sound of steel.

Students may hear the songs, played by Reider, by inserting a dime in the little machine located near the bonophone. The display of the bonophone and the skeleton of the reconstructed bone rhinoceros is located on the first floor of Morrill Hall by the east side entrance.

In 1926 the University Museum Field Party collected some teleoceros bones near Ainsworth in north-central Nebraska. The remains of this short-legged rhinoceros were found in a middle Pliocene deposit which is some four million years old. Silicon dioxide carried by prehistoric ground waters had replaced the boney tissue.

Three years later, when Reider began to mount the bones of the rhinoceros for a Museum display, he accidentally discovered the distinctive musical quality of the ribs. It was found that only the bones of the Teleoceros from this particular bone deposit were musical.

Four Years

After this discovery, Reider spent his spare time for four years constructing the instrument to utilize the bones. He studied the xylophone and began the work of tuning the musical bones. Using a set of orchestral bells, each bone was filed by hand to the proper length.

Many bones were sorted before those of the proper pitch could be found. In 1936 the bonophone made its debut before the Museum staff. A year later it was featured on a national radio broadcast.

Immediately there were many requests for appearances. Reider appeared with

his bonophone on national and local radio and television shows.

"The bonophone is just for fun, proving that there is humor even in palentology," Reider said. A poem was even once written about it:

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

Early Age Training Important

Gooding Encourages Personal Approach

Student interest in the field of agronomy, and later on zeal for superior achievement in agronomy courses, are stimulated through a personal approach between the teacher and the student according to Dr. T. H. Gooding.

Such shaping of an agricultural career should start early in the life of a student, said Dr. Gooding, retired agronomy professor, who spoke at an education session at the annual meeting of the American Society of Agronomy in Chicago.

Gooding said students are faced with many problems. One of the big problems of a student from a rural high school is to adjust to a large university or college.

"One of the first observations that tends to bewilder the new student is the enormous size of the college classes," he said.

The professor said it has been a policy in the agronomy department to help bridge the gap between high school and college by limiting the size of lecture and laboratory sections to 35 students in the beginning courses.

"This provides an equal opportunity for the student and the instructor of the course to become personally acquainted," Gooding said.

LITTLE MAN ON CAMPUS.



"I KNOW HOW ANXIOUS YOU ARE TO SEE ME, FLOYD, BUT I DIDN'T THINK YOUR FRAT WOULD LET YOU PLEASURES OUT ON WEEK NIGHTS!"

Freshman For Quartet

Barbara Chasson, freshman in the department of music, has been chosen as the only student in a string quartet which will provide educational experience for Nebraska high schools.

Miss Chasson will play second violin in the quartet. Other members include Prof. Louis Trzcinski, director of the group who will play the viola; Arnold Shtatz, instructor, first violin; and Priscilla Parson, assistant professor, cello.

A key part of the program of the department of music has been the development of this string quartet and an ensemble which takes informal music sessions to parents and to students of high school age. Prof. Trzcinski attributed the reason for the formation of the group to the "overwhelming increase in interest in studying the violin, viola, cello and other string instruments among high school students in Nebraska."

Wesley Reist, assistant professor of woodwinds, and Larry Lusk, instructor in piano, join the quartet to fill out the ensemble.

Nebraskan Want Ads

CLASSIFIED AD POLICY

Ads to be printed in the classified section of the Daily Nebraskan must be accompanied by the name of the person placing said ad.

FOR SALE

Seven cocktail dresses in excellent condition; all styles; reasonable prices. Phone HE 5-8332, 3325 "O" Street.

FOR RENT

Basement sleeping room with stove, refrigerator, 2400 "R" Street. Call HE 2-6917.

One bedroom trailer, 29x8 ft. picture window, nice lot. \$52 monthly rent can apply on purchase price. Air conditioned. ID 4-4920.

EMPLOYMENT

Over 18 yrs. old, driver's license. Be able to work starting at 3:00 p.m. every day Tues.-Friday. See Chicken Delight, 115 South 25th Street, Mr. Kent.

LOST & FOUND

Person finding black purse in Morrill Hall Saturday, please return to Morrill Hall office.

Found: Pair of black gloves, size 6 1/2. Call Fred Nasse, HE 2-2583.

RIDES

Wanted: Ride or help drive to Washington, Oregon, Idaho. Share expenses. Dec. 16-21. IN 6-7222.

REPAIRS

Watch Repairs
2-Day Service
Campus Bookstore

PERSONAL

If you don't believe in glorification of militarism, then don't attend the military ball.

If you don't believe in the glorification of militarism, then don't believe in those world wars nor in those rows of crosses on islands in the Pacific.

Like man, Fascist. Best poetry by Wordsworth. Cool jazz by Mozart. Expresso by Sanka. Friday-4:30-Temporary J.

Romance Suffers; Pre-Christmas Slump

The rush to sorority houses, serenading, and all other traditions connected with pinnings were at a minimum Monday night as only three pinnings and two engagements were announced.

Pinnings

Twila Pearson, Alpha Xi Delta junior in Teachers from Spencer to Neil Shaner, Sigma Phi Epsilon senior in Business Administration from Hollywood, Calif.

Judy Leeke, Alpha Xi Delta freshman in Arts and Sciences from Lincoln to John Phrobenius, Kappa Sigma sophomore in Pre-Med from Omaha.

Mary Thompson, Kappa

Kappa Gamma junior in Teachers from Alma to John Kerwin, Alpha Tau Omega alum from Tekamah.

Engagements

Judi Gardner, Alpha X Delta senior in Teachers from Broken Bow to Erwin Hoffman, University alum from Chadron.

Sharon Reiling, Pi Beta Phi senior in Teachers from Seward to Branch Walton, Kappa Sigma senior in Arts and Sciences from Lincoln.

Carolyn Tabler, junior in nursing at St. Anthony's Nursing School in Denver, Colo., from North Platte, to Roger Mertens, junior in Agriculture from North Platte.

Science reveals way to stay stronger longer

Lack of endurance takes a lot of the fun out of sports for many part-time athletes. Now science has discovered an easy way to increase muscle stamina.

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medical tool) doctors could actually see WARM-UP almost double muscle endurance.

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Chi Omega