

**MAMMALS RELATIONSHIP**

# Research Team Finds Fossils

by Gordon Rice

*Emerald Assistant News Editor*

Fossils confirming the relationship between mammals of north China and other areas of Asia and those of North America have been unearthed by the Museum of Natural History here.

The excavation site, located in the McKay Reservoir area south of Pendleton, has yielded more than 3000 specimens, many of which are similar or related to mammals of the Pliocene epoch found in North China.

The University teams have found fossils of a beaver, not related to the present-day animal, and an early horse and wolverine, both of which have been found in excavations of the same period in North China. The teams also unearthed a sabre-tooth cat, older than the Rancho La Brea cats found in California.

The team also discovered the earliest known evidence of the existence of Pikas in North America. These rabbit-like rodents are common in high altitude areas of North America today, but their immediate ancestors have been found in excavations in China. The immediate ancestors of the beavers, which have been found both in North America and China, have been found only in North America, indicating that the life of this period migrated both ways between the two continents.

The McKay excavations are not

the first indications that such a tie-up between the life of the two continents did exist. Excavations in southeastern Oregon, Texas and the Great Plains states had already shown that such a condition did exist, but the McKay excavation is the most northerly site of this age known to exist. Because of this, the animals taken from this site show a closer resemblance to the animals found in China than do those taken from other North American sites.

Ray Spangle, an amateur Pendleton geologist, first discovered the site in 1949. Since that time most of the work in the area has been done by Dr. J. A. Shotwell, curator of the Museum of Natural History, and his wife. The two have been assisted from time to time by students from the University who have visited the site on field trips.

Dr. Shotwell, who received his doctor's degree in paleontology from the University of California last year, is using the site in an attempt to develop the ecology of mammals, in addition to collecting specimens for the museum. He will spend an additional four weeks in the area next summer.

## American Housing Exhibit on Display

"Houses USA," an exhibit tracing the history of American architecture as illustrated by single dwellings, is now on display in the Student Union art gallery, according to Barbara Johnson, SU art gallery chairman.

The theme of the exhibit is developed and expanded in seven general divisions, each of which is introduced by a short explanatory paragraph. These introductory statements form a brief history of American architecture of the last 300 years.

"Houses USA" is one of the "Life Exhibitions" prepared by the editors of Life magazine and offered for circulation by the American Federation of Arts. The exhibit was originally prepared at the request of the State Department for circulation in Latin America. It was assembled under the direction of Janet Henrich O'Connell, former Acting Curator of Architecture at the Museum of Modern Art, New York.

## Grad Students' Coffee Hour Set

A graduate student coffee hour, sponsored by the YMCA and YWCA, will be held Thursday at 4 p.m. in the Student Union, according to Russell Walker, executive YM secretary.

At the coffee hour, which is open to all graduate students,

plans for future graduate student social events will be discussed. Graduate students who have worked on the program so far, include, among others, Virginia Nye, graduate student in English; Louise Smith, graduate in biology; and Catherine Black, graduate in foreign languages.

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Noon Deseret Cl	111 SU
RE Wk Clsrm	319 SU
7:00 Christian Sci	Ger 1st fl
7:30 APO	111 SU

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## Dad's Day Events Begin January 22

Students are urged by Co-chairmen Mary Wilson and Phil Lewis to invite their dads to Dad's Day, now less than three weeks away.

The weekend's events begin Jan. 22 with a sign contest, the barber-shop quartet contest and a basketball game with the University of Washington.

The schedule for Jan. 23 includes a luncheon, Student Union tours and the second game with Washington.

Living organizations with the most dads registered and the sign contest winners will be presented awards at the game.

Nominations for the Dad's Day hostess will be called for soon by Kay Partch, chairman of the hostess selection committee.

Other sub chairman include Barbara Wilcox, luncheon; Sally Stadleman, hospitality and reception; Pat McCann, publicity and promotion; Phil Lynch, sign contest, and Martin Brandenfels, special events.

## Young Republicans Elect New Officers

Gerald Jones, sophomore in anthropology, has been elected chairman of the Young Republican club.

Other officers elected recently include Richard Lyons, sophomore in pre-medics, College League Executive Board representative; William Irving, junior in history, vice-chairman; Clare Thompson, freshman in liberal arts, secretary, and Jerald Maxwell, junior in history, treasurer.

## Classifieds

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