

# Howler Monkeys Have Good International Plan

By KATIE DAVIS

"Howler monkeys have better international relations than humans," Alan Elms, senior in psychology from LaCenter, Ky., said.

"They never have wars. Disputes over territorial rights are settled by howling contests. Two groups of monkeys will sit opposite each other in trees and roar. Eventually one group decides to leave," he continued.

Elms and Dan Peterman, senior in psychology from Harrisburg, were the two undergraduates who last summer accompanied Dr. Clarence Carpenter, director of the division of academic research and services, on a 6-week trip to Barro Colorado Island in the Panama Canal Zone.

The purpose of the trip was to study howler monkeys in their natural habitat.

Other members of the party were a graduate student from the University of California, Dr. Carpenter's son, Lane, and Dr. William Mason and Dr. Charles Southwick, both of the University of Wisconsin.

The project was sponsored by the National Science Foundation in cooperation with the Smithsonian Institute's Biological Area in the Canal Zone.

The first four weeks Elms and Peterman helped Carpenter take a census of the monkey population on the island. The last two weeks Elms observed aggressive and cooperative behavior in the monkeys and Peterman observed their maternal behavior. Both students will be able to use data they collected for the senior theses which are required in their major.

"As fascinating as our adventures might sound," Peterman said, "an expedition such as this is not too exciting. Monkeys are very interesting when they are active, but most of the time they do nothing at all."

An average day, he said, consisted of spending about an hour trying to find a group of monkeys, and then observing them while recording in a very routine way all of the behavior exhibited.

In taking a census of the monkeys, the students found that their data confirmed Carpenter's hypothesis about the family organization of howler monkeys.

Carpenter had suggested that each species of primates has a unique group makeup, and that in howler monkeys the organization would consist of 3 males, 7 females, 4 juveniles and 3 infants. The data the present group collected showed that the group is made up of 3 males, 9 females, 3.5 juveniles and 3.6 infants.

During the trip, the group shot one mile of movie film and obtained excellent motion picture records. The films will make it possible to verify the visual census taken.

Both of the undergraduates who went thought that the experience was invaluable for training in field study techniques, but pointed out that the monotony of many daily activities was a disillusionment after the glamorous ideas they had about such a trip before they went.

"If it weren't for the stimulating companionship of the professors, we would have acquired simian characteristics, too," Peterman said.

## New Ying Yang Band To Play at Army Game

A Ying Yang Band has been organized and will play at the Army game Saturday.

Anyone interested in joining should contact Joe DeVivo, senior in journalism from New Castle, at AD 8-1215. He is leader of the band.



"EASY, NOW EASY BOY. Don't get scared," Dan Peterman says to a skittish howler monkey. Right after the picture was taken the monkey got away from him.

## Hicks Will Head Ad Curriculum

Dr. Roland L. Hicks, associate professor of journalism, has been appointed to head the major of advertising in the reorganized School of Journalism.

Under the new system, which has been approved by the University's Board of Trustees, the Departments of Advertising and of News and Editorial Journalism have been discontinued. The work of the School of Journalism will, instead, be conducted with each of the majors supervised by a chairman who will be appointed to a two-year term.

The majors are advertising and news and editing. A third major, broadcasting, is now under consideration.

Hicks, a native of Lebanon, Ind., held positions on the advertising staffs of the Indianapolis Star and the Indianapolis Times. He received his bachelor of science degrees at the Indiana University, and his master of arts and doctor of education degrees were conferred by the University. During World War II, he was a lieutenant in the U.S. Navy, serving in amphibious forces that invaded France in 1944.

The program in advertising had been directed by Donald W. Davis, who was head of the Department of Advertising until his death on June 29.

## Senator Forms Due

All applications for Women's Student Government Association Freshman Senator are due at 5 tonight.

They can be turned in to either the dean of women's office or 101 McElwain.

## BEAT ARMY

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## BusAd Will Study Pre-Registration

A two-member student committee was appointed last night to work with Dr. Williams M. Hench who is in charge of the College of Business Administration pre-registration program for seniors and graduate students.

Walter Lloyd, president of the Business Administration Student Council, appointed Lawrence Abrams, junior from Chester, and George Hulse, senior from Mechanicsburg, to the committee.

The appointments were made following a discussion among council members on illegal practices which arose during pre-registration this fall in Boucke Building.

Student violations which council members pointed out were: Allowing friends to get in line ahead of others, and signing friends' names on the pre-registration cards.

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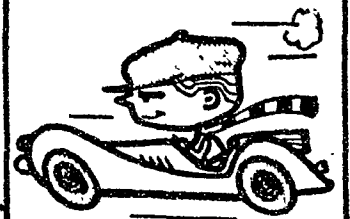
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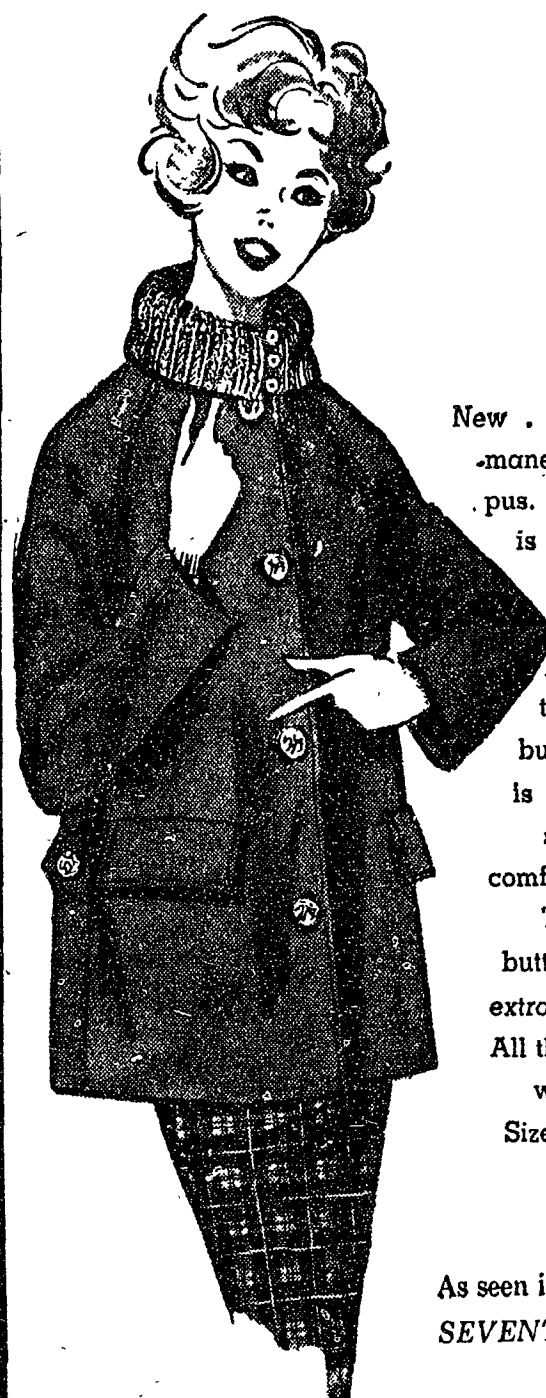
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