

Aggie horses are OK

azes test horse sense

Battalion Reporter

Sex doesn't seem to affect the learning abilities of horses, nor does unishment seem to make them arn faster, say two Texas A&M atty deposits. University graduate students in

they swell McCall conducted separate studies allowing the during the past year. Both women then transfer used mazes to test the animals.

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like blood. Hagerbaumer said that comparing the two studies to others may lead to a more comprehnesive this method of testing learning in

Hagerbaumer used a maze of her own design. "I wanted something that was very general. I wasn't tryig to test any special talents.

Hagerbaumer said 75 horses betand 10 months old were sted for their ability to learn to stinguish between auditory and sual cues. They were also tested to ermine if punishment inhibited eir ability to learn

In the actual trials, she used four groups of horses. Each group consisted of six fillies, six colts and six gs. The horses were chosen ndomly, without regard for breed. "I had nothing to do with picking nem. I feel I had a random sample

that would represent horses. The trial horses were acquired for e study from the Texas A&M Horse Center, the Texas A&M School of Veterinary Medicine and e Texas Department of Correc-

The maze was located in a small

parn at the horse center.

For auditory trials, either a buzor doorbell was sounded. For isual trials a light either flashed or mained on constantly. According

om

had to press a flap which triggered a mechanism which opened the gate. test the learning ability of rats. The maze was built in the Horse The horse then was required to go to the back of the barn and press another of two flaps. The right choice caused about one-third cup of grain, the horse's reward, to be

Center's Teaching Arena. It covered

72 square feet and had plywood walls six feet tall. There were barriers, also of plywood, inside the walls which could be moved by the

In her study, McCall used three

groups of 15 yearlings. There were five geldings and five fillies in each

group that had been used in Hager-

baumer's study. There were another

five fillies in each group that had

never been used in a behavior

study, McCall allowed each horse to

roam around the maze to get used to

On the fourth day, the horses were herded from the start to the

finish to teach them where they

McCall said each horse did one

training problem per day. Nine

trials per horse were done each day.

the horses were put through to teach them what to expect, McCall

said the horses were turned loose

individually in one corner of the

maze. The horse's problem was to find its way around the barriers and

to the opposite corner of the maze. When it reached the corner, it was

fed a small amount of grain. On days 11 through 22, each horse was given a daily test prob-

McCall scored the horses according to how accurately each deter-

mined the proper pathway around

were done only about three months

In the training and test problems

On the fifth through tenth days,

During the first three days of the

deposited in a feed trough In two of the four trials, if the horse went to the wrong gate or pressed the wrong flap, nothing

In the other two trials, the horses were punished by being sprayed with a fine mist of water when they made wrong responses. Hager-baumer said, "Some (horses) got upset if they made the wrong choice and didn't know what to do about

Hagerbaumer said all of the horses seemed to enjoy the trials very much. On several occasions, horse were found trying to unlatch the barn door to get in.

Each horse was put through four trials for 25 consecutive days. Each horse was assessed a score according to how long it took to complete the trial and how many errors it made,

The scores of fillies, colts and geldings were compared. Hager-baumer said she found no difference in the learning ability of one group over another; in fact, each group was represented in the three highest scoring horses.

Judging the results of her study, Hagerbaumer said the horses which were not punished did better than those which were. She said, "Punishment didn't make them learn any faster." Neither did it make them pay more attention to the signals, she said.

Cindy McCall adapted the Hebb
Williams Closed Field Maze for conclusions yet since the problems

othe signal, the horse learned to go horses. were one of two gates. There, the horse horse ago

Mexican subways split sexes

United Press International MEXICO CITY — Mexico's experiment with the world's first sexually segregated subways got off to a rather bumpy start Monday.

Officials contended separating the sexes during rush hour was necessary to save women from the fanny-pinching, fondling and other chauvanistic assaults they suffer in Mexico City's overcrowded subway trains and stations.

Men were separated from the women Monday on one of the city's three subway lines as an experiment. If successful, it may be followed by enforced segregation on the other

'Where's my husband," Elena Garcia, 50, complained to a policeman. "I lost my husband about one hour ago and I can't find him."

Couples got separated and departures were delayed as police spent time removing men from the first three women-only cars of each nine-car train.

"Thank God for the program. We were fed up with the shoving and grabbing and with the men's dirty language," said 19-year-old student Patricia Arrieta

"Bottom pinching and caressing of women won't stop," said Jose Luis Escorcia, 29, a chemical engineer. "It's part of the Mexican's culture."

Another man, Alberto Serrano, 37, complained: "Most of the subway users are men and now they're trying to pack us into the last six cars. It won't work."

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