



"GRANDPA MOSES"—Max Gundlach, 92, puts the finishing touches on a painting at his Winnetka, Ill., home. The elderly artist, a retired photoengraver, is preparing for a one-man show displaying his 25 canvases.

Old Folks Should Continue Activities

CHICAGO — Experiments with cats and monkeys at Northwestern University seem to bear out the new ideas about the retirement of elderly persons.

The animal experiments indicate that old people or those with nerve injuries should not be forced into idleness.

The remarkable experiments are part of a research program con-

ducted by Dr. Jules Masserman, noted Chicago psychiatrist.

Masserman and Dr. Curtis Pechtel, psychologist in charge of the experiments, believe that research with animals will shed light on many problems of human behavior.

EFFICIENCY CUT DOWN

Cats and monkeys are placed in a special cage. They are trained to push buttons which open the doors of feed boxes. Meanwhile, researchers study every aspect of their behavior.

The animals then undergo brain surgery, which cuts down their efficiency in operating the devices.

Pechtel said that an animal kept in idleness after the surgery never regains its efficiency. But one that is placed in the cage and re-trained does regain at least some of its ability.

A monkey kept idle for a few weeks after brain surgery can't remember for even a few seconds under which of two inverted cups its food has been placed.

But a "re-trained" monkey will have little trouble with the problem.

Masserman and Pechtel believe the same sort of mental decline occurs in human beings who are forced into retirement arbitrarily.

They plan to present some of their findings from seven years of research with monkeys and cats in a paper to be presented at the American Psychiatric Assn.'s meeting in Atlantic City, N. J., next May.

In their early experiments, they induced neurosis in cats with a device which blows air harmlessly in a cat's face just as the door to the feed box opens.

"Conflict Situation"

The cat, torn between hunger and fear, is caught in a "conflict situation" and after a few such experiences begins to exhibit many

of the symptoms commonly found in human neurotics.

More recently, Pechtel has been inducing neurosis in cats by more subtle means. A dominant cat is placed in a cage with more submissive felines, and grows accustomed to having things his own way.

Then he is placed in a cage with an even more dominant, aggressive cat. Unable any longer to rule the roost, he may sulk in a corner, refuse to push buttons for his food and lose interest in his surroundings.

From its formation until March 3, 1871, the United States Government entered into 371 treaties with American Indian tribes.

The first treaty between the United States and an Indian tribe was negotiated with the Delaware tribe on Sept. 17, 1778. The last treaty to be ratified by the Senate was made with the Nez Perce tribe in August, 1868.

The Chippewas and Potawatomis each have 42 treaties with the United States.

Topographic maps provide an accurate and detailed picture of the surface of the earth.

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Allure on the Ark: Barbara Baxley is a disquieting influence on Noah's sons during the journey on the ark in Clifford Odets' retelling of the Biblical tale in his latest play, "The Flowering Peach."

Theatre Arts Photo

June Allyson Named Most Popular Star

HOLLYWOOD — In her last six pictures, June Allyson has portrayed wives, and she believes this was a big factor in her being named America's most popular star of 1954 by the nation's theatre men.

"People seem to like an actress who plays the understanding, sympathetic spouse," she said. "I like being the wife in movies because it's so easy. I get so much experience off the screen."

Freckle-faced June is the wife of actor-director Dick Powell — and they are among Hollywood's happiest couples. The fact that

Mrs. Powell has been the wife of so many other men—in pictures—doesn't bother her own husband a bit.

"After all," June explained, "Richard has had so many beautiful women as his leading ladies that he shouldn't complain."

June Allyson's teaming with James Stewart in "The Glenn Miller Story" and later in "Strategic Air Command" has led some fans to get the impression she's Mrs. Stewart's in real life, too.

"I even get letters sent to me which start out, 'Dear Mrs. Ste-

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