

Vehicle Sales To Be Listed by State

Salem—The Oregon department of motor vehicles will start publishing in August a monthly listing of new passenger car, truck and bus sales by county and make of vehicle, James P. Johnson, director, has announced. The list will be available without charge.

Johnson said the first list will be based on July sales figures. At the outset it will be sent to all new car dealers in the state, but others interested in receiving the monthly lists can get them on request to the department of motor vehicles.

Previously such information has been available only through commercial firms and a charge was made.

Present plans call for listing all American, as well as several foreign makes of vehicles.

Kelly-Miller Circus Plans Local Visit

The Al G. Kelly-Miller Brothers circus, claimed to be the largest circus, will be in Medford Tuesday, July 1, for a matinee and night performance.

To substantiate their claims, the circus has invited the public and press to visit the show at the Sheriff's Posse grounds at 9 a.m. July 1 to see the unloading, feeding and watering of hundreds of animals.

Acts include a trained hippopotamus, trapeze artists, African and Asiatic elephants, clowns and educated bears.

Examinations for Pharmacist Listed

The civil service commission has announced a new examination for filling pharmacist positions in Veterans Administration hospitals and regional offices throughout the United States, its territories and possessions.

Additional information and application forms are available from Chester W. Silliman at the post office or from the U.S. civil service commission, Washington, 25, D.C.



DIPPING BENEATH SWELL, nuclear protest yacht Golden Rule is being intercepted by Coast Guard Cutter that escorted her back to Honolulu. It was pacifist yacht's third futile attempt to defy a federal court order and sail to Eniwetok. (UPI Telephoto)

Sweat Gland Tranquilization Claimed 'Side Effect' of Drug

By DELOS SMITH
UPI Science Editor

New York—(UPI)—Illustrating the unknown complexities of body chemistry, one of the newer "tranquilizing" drugs seems to impose

so much tranquility upon the sweat glands, the taker is set up for a heat stroke in extremely hot and humid weather.

This discovery was made by Dr. H. F. Ext of the Midtown (N.Y.) state hospital and caused him to sound an alarm through the medical society of the state of New York.

Extreme tranquilization of sweat glands was a brand new "side effect" for any tranquilizing drug.

The new tranquilizer which Ext believed produced it is "man-made," representing chemical additions and subtractions to and from the molecule of phenothiazine. Its trade name is "Pacatal" and try-outs with hundreds of mental patients have shown it to be an effective drug.

But the persons who take

it and the amounts they take must be watched closely when the weather is hot and humid, Ext said. During a heat spell last summer, there were seven cases of heat stroke among 3,650 patients of the Midtown hospital.

All seven, however, were among the 23 patients who were being tranquilized by the phenothiazine derivative. It should be kept in mind that they were getting daily doses much larger than those prescribed to tranquilize people who merely are untroubled and are not mentally incapacitated.

Like the other tranquilizers, the precise chemical ways by which this tranquilizer produces tranquility are not known. It acts on the central nervous system and on the autonomic nerves. That is obvious from the effects it has. Ext reasoned that it also exerts a blocking effect on chemical discharges from nerve ends which have powerful influence on bodily behavior.

This, he continued, sets up chemical chain reactions that led to increases in body temperature while at the same time causing a "breakdown"

of the sweating mechanism by which the body eliminates excessive heat.

Completely Inactive State
Heat stroke represents a complete break-down, he said, and the sweat glands are tranquil to the point of not working.

Ext said all was well with his patients until hot, humid weather imposed an added load which their heat elimination chemistry could not bear. His advice to colleagues was to observe "extreme caution" while treating mentally ill patients with the tranquilizer during heat waves, since the first symptoms can be overlooked in the mentally ill.

This caution also was urged for persons being tranquilized in tropical climates to which they are not acclimated. Ext mentioned especially members of the armed forces serving abroad. The dosage should be reduced, the fluid intake should be kept high, and activities should be reduced to the minimum.

Portland—(UPI)—A 40-foot truck trailer packed with Oregon historical items will tour the state as part of the state's centennial observance.

Medical Researchers Prepare Major Assault on Alcoholism

By LOUIS CASSELS
United Press International

Washington—UPI—Government medical researchers are preparing to launch their first major assault against a disease which afflicts more than five million Americans.

The disease is alcoholism. It ranks with heart disease, cancer and mental illness as one of the nation's four major health problems.

The government has been spending millions each year combat the other three. But only piddling sums have been available for research on alcoholism. As a result, medical science knows little about its causes, and far less than it needs to know about treatment.

Congress is about to change that picture. Tucked away in a multi-billion dollar appropriation bill now moving through the Senate is a \$700,000 item earmarked for alcoholism research to be conducted under supervision of the National Institute of Mental Health.

Although \$700,000 is not a lot of money by comparison with outlays for other medi-

cal research, it is far more than has ever been invested before in scientific studies of the physical, psychological and environmental factors

that cause one drinker out of 15 to become uncontrollably addicted.

Even more important than the sum appropriated is the fact that Congress is saying for the first time it wants the National Institute of Mental Health to do something about alcoholism.

In the past, Congress always has followed up this kind of order by granting larger appropriations once the research is underway.

The research funds are included in a \$2,967,955,581 bill to operate the Department of Health, Education and Welfare, the Labor Department, and related agencies during the 1959 fiscal year starting July 1.

The bill already has passed the House and is before the Senate Appropriations Committee. Committee sources said there is no controversy over the item for alcoholism.

Divided on Reason
Scientists are sharply divided on why one drinker becomes an alcoholic and another does not.

Some, like Prof. Roger J. Williams of the University of Texas, believe a physiological imbalance in the "appetite-regulating" mechanism creates an abnormal craving for alcohol. If true, it may be possible to work out a special diet or gland therapy that will

abolish the craving.

Others explain compulsive drinking in psychological terms, as a symptom of anxiety, inferiority feeling or some other personality conflict.

A third school holds that excessive drinking over a long period of time causes changes

in the body so that alcohol assumes the characteristics of a foodstuff required by the cells.

All agree that it is a treatable disease—and that an effective medical attack on it is long overdue.

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