



STONY PIT VIRUS - This is what stony pit virus looks like in pears. Pear growers have been advised to be on the lookout for the trouble in Bartlett's during the harvest. This has been a problem in Bosc pears for many years and is also causing trouble in some D'Anjou orchards, according to Oregon State college specialists.



HEAVY PEAR DROP - Pear growers Friday inspected various orchards in the Rogue River valley for pear drop. The fruit is ripening faster than it can be picked and falling to the ground. Growers estimate the equivalent of four boxes of pears have fallen from many Bartlett trees. With the peach harvest starting and the winter pear harvest fast approaching a picker shortage has developed. Growers have sought outside aid to get their pears picked and into the packing houses. Mexican Nationals started arriving Saturday.

New Plotter Can Watch All Airplanes Approaching U.S.

Colorado Springs, Colo. (Science Service)-A new system has been developed for keeping track of all airplanes, friendly or unfriendly, approaching or flying over the U.S.

The new plotting system, called Iconorama, will be installed here at North American Air Defense Command (NORAD) headquarters and at Strategic Air Command

(SAC) headquarters at Omaha, Neb. Iconorama shows almost instantly the positions of aircraft thousands of miles away,

such as those that might be detected by the Distant Early Warning defensive radar network. By projecting the automati-

cally drawn tracks on a big screen, it has been demonstrated that the system can do the work of six men at the old clear-plastic plotting boards used since World War II.

Traffic Information
The Iconorama system expands traffic information handling capacity by 400 per cent. It is expected to pay for itself in four years by obviating human plotters.

Traces made by the planes being tracked are scribed on a coated slide by a moving stylus. Data received over existing teletype lines are made to guide the stylus over the slide, scribing a special metallic coating. The slide plot measures only one inch square, yet overall error of the projected display is said to be about one part in 1,000.

As many slides as needed may be used to cover a given situation. Each is projected, in register, on the viewing screen and in its own identifying color.

Slide Filed
When the slides become

DIVORCE GRANTED

Fort Worth, Tex. (AP) - Mrs. Jean McKinnon, 27, won a divorce Friday after telling the court that her husband, Air Force Maj. John McKinnon, "spends all his daylight hours playing golf and all his nights watching television."

At present rates of population increase, in almost every part of the globe, the world will have 5.5 billion people in the next 30 years.

have been installed and operated at the Pacific Missile Range, Point Mugu, Calif.; the White Sands Missile Range in New Mexico; the Atlantic Missile Range at Cape Canaveral, Fla., and the Naval Research Laboratory, Washington, D.C. Lockheed Aircraft Corporation also is understood to have signed a contract for use of Iconorama at its Palo Alto, Calif., control center.

Leasing contracts for the Iconorama system, made by Fenske, Fedrick and Miller, Inc., Los Angeles, call for installation to be completed at NORAD by July, 1960, and at SAC by October, 1959. Iconorama units already

6 MAIL TRIBUNE, Medford, Or. Sunday, Aug. 30, 1959

Portland Youth's Hearing Postponed

Portland - (AP) - Arraignment of Wilbur D. Denson, 15, Portland, on a first degree murder charge has been postponed until Monday by Circuit Judge J. J. Murchison.

The youth was indicated on the charge by the Multnomah county grand jury Thursday in connection with the fatal shooting of David Lee Heads, 16.

Police said the Denson youth admitted shooting the Heads boy Tuesday night on the front porch of the victim's home.

Denson told police he did not mean to kill the other boy, only to hurt him. Denson said Heads teased him about a limp that was caused by an injury suffered in an accident.

Judge Murchison set the arraignment over to allow Denson time to obtain an attorney before pleading to the charge.

PENNY UNWISE

Richmond, Va. (AP) - A Federal Reserve Bank spokesman complained Friday that people are "hanging on to" their pennies. But he indicated it is not really because of increased thriftiness. The spokesman said people have the mistaken belief that there is a mistake in the new Lincoln penny issued last January and that it has a premium value as a collector's item.

Gasoline-Fume Addiction Found In 12-Year-Old Boy

Wilkes-Barre, Pa. (Science Service) - W. M. was 18 months old when he had his first sniff of gasoline.

At the time, his mother was working in a shoe factory and his father was out plowing on their small farm.

The boy somehow had located a gasoline container and seemed to enjoy smelling the fumes. They served to pacify him.

Today, W. M. is a 12-year-old gasoline-fume addict.

The drinking of gasoline and kerosene by children is familiar to the medical profession. But known cases of gasoline inhalation are so rare that W. M.'s history was given special mention in the current American Journal of Orthopsychiatry.

Good Pacifier
After discovery of his child's unusual craving, Mr. M. found that gasoline, conveniently placed, was always a good pacifier for the boy. It enabled Mr. M. to complete his farm chores, unimpeded by his "happy" baby.

However, young W. M. overdid it. He carried his gasoline container to meals, about the house, to bed, and out of doors. School was the one place to which his parents would not permit him to bring his pacifier.

Some feeble parental attempts were made to put a stop to W. M.'s growing addiction. When the addition of ammonia to the gasoline did not deter him, the parents tried medical help. They were referred to the Child-

ren's Service Center of Wyoming Valley here.

Regarded as 'Queer'

It was found that the boy had few friends because children regarded him as "queer." His school work was poor. He told an examining psychiatrist he did not want to change or grow up. But, he said, he could stop the "habit" if some one really made him stop.

Although he was found to be physically and neurologically normal, his breath contained a heavy and offensive gasoline odor.

The parents rejected an offer of psychiatric aid, pointing out the drawbacks of the distance to the clinic and the loss of working time for both. They wanted to "work it out" themselves, and it was decided that they would get in touch with clinic in a year.

This is how the situation now stands, as reported by the Center's chief psychologist, Dr. Carl J. Nitsche, and director, Dr. J. Franklin Robinson.



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Dietary Controls Help Boost Children's Intelligence Score

Washington (Science Service)-New dietary controls are helping boost the intelligence scores of children with certain relatively rare inherited mental deficiencies.

Heartening I.Q. rises have been recorded in Great Britain and the United States in youngsters whose conditions arise from defects in body chemistry.

Additional Jump

Even the prevention of mental retardation is being achieved in some cases when afflicted infants are detected almost immediately after birth. Physicians are getting an additional jump in early treatment through the spotting of genetic carriers among parents-to-be.

Many children with these disorders would, only recently, have been destined before birth to an almost negligible existence. Some now have a chance to meet life with a productive, closer-to-normal intelligence.

Up-to-date work in this new approach to mental deficiency is currently being reported by a British pediatrician, Dr. Alan Moncrieff, to several leading child health centers in the U.S.

Dr. Moncrieff described progress in three treatable types of mental deficiency. However, he emphasized that little can be done presently for dozens of other types.

Water Babies Included

The three that have yielded to dietary treatment are phenylketonuria, galactosemia, and a condition, victims of which are known as water babies.

Phenylketonuria is a hereditary disorder affecting one child in about 25,000 births. It results from inability to metabolize the amino acid known as phenylalanine.

Children fed milk low in phenylalanine experienced improvement in I.Q. after a few months on the diet. In one of Dr. Moncrieff's cases,

the I.Q. of a retarded child was raised to nearly that of her normal twin sister. Dr. Moncrieff does not yet know whether a life-time diet is indicated for maintenance of the higher intelligence level.

While his own research specialty is phenylketonuria, Dr. Moncrieff is intensely interested in the entire field of mental retardation. He referred to the work of other British and American re-



DEFEATING 10 others, Carolina Aurora Teran, 21, is named queen of San Diego's Fiesta del Pacifico.

Maryland and Virginia contributed 100 square miles to form the District of Columbia for the U. S. capital.

searchers in describing striking successes in the other two disorders.

Galactosemia, an inherited enzyme defect at the site of conversion of a form of glucose, causes jaundice and cataracts as well as mental deficiency. It can be detected after birth through an excess of lactose in the urine.

It is possible, Dr. Moncrieff said, to prevent all three symptoms with a lactose-free diet starting very early in infant life. Unfortunately, lactose-free foods are hard to find, and even tiny amounts of lactose have potent detrimental effects.

Kidney Defect

Water babies have a kidney defect and they pass tremendous amounts of urine. The condition is genetically sex-linked; the defective gene being carried by the female and the disorder appearing only in males. Why it results in mental deficiency is not known.

In order to keep the baby alive in the early weeks of life, one must almost continually "pour" water into it. A somewhat less trying fluid treatment is then maintained to prevent mental retardation.

The parents of one set of afflicted twins must feed them every two hours around the clock. Concerning a young medical student with the disorder, Dr. Moncrieff said he "was endowed with a mind simply by giving him water."



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MEDFORD MAIL TRIBUNE

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