

# HEART CONTINUES AFTER TRANSFER BETWEEN FISHES

### Achievement Result of Three Years Effort—Hope Next to Transfer Eyes—May Aid Humans, Is Belief

WASHINGTON, March 5.—(AP)—The successful transfer of a living heart from one fish's body into another was described today at George Washington university by Professor Bain Jenkins.

He told of keeping transplanted hearts living in embryos of sea minnows for from eight to ten days. "The hearts slow down a little at first, but after an hour they usually resume their normal speed," he said. The achievement resulted from three years of effort by Dr. Jenkins and Professor F. J. Brinley of the North Dakota Agricultural college.

Attending surgeons at the George Washington university alumni clinic said the feat was the first of its kind and opened wide medical possibilities.

Two scientists, having proved to their personal satisfaction that one type of organ can be transferred, hope next to conduct experiments on the transfer of fish eyes.

"We have started far down in the animal kingdom," said Dr. Jenkins. "And the road ahead of us is long, but we hope ultimately to achieve something of clinical importance for man."

These experiments, we hope, will open possibilities with regard to repairing and regenerating human organs.

They chose sea minnows because of the plentifulness and cheapness of the supply, and also because the embryo of fish, being transparent, permits observers to watch developments under a microscope.

Their first step was to remove a shell covering the embryo and to take out the tiny heart with a sharpened needle. All work had to be done under a microscope and the transfer took more than an hour to complete.

The heart was transferred to another embryo without removing that embryo's original heart.

"The two hearts in the hose (the embryo to which the organ was trans-

# LOU ANN MARKLE UNDERGOES KNIFE

PORTLAND, March 5.—(AP)—Surgeons operated unexpectedly on 10-year-old Lou Ann Markle, who was rushed here from Anchorage, Alaska, for treatment of an infected leg. The child, in an anemic condition, had received two blood transfusions preparatory to the operation.

Two surgeons, Drs. Richard B. Dillehunt and Leo H. Lucas, in draining the infection, found a part of the thigh bone dead and decided to operate without further delay.

"The operation was quite successful," said Dr. Dillehunt. "In five to six months the little girl will be walking."

He said the only effect of the operation will be a "slight limp" caused by the enforced removal of a part of the bone.

Another operation will have to be performed in two months upon a section of the shin bone, and several more blood transfusions probably will be necessary.

# F. R. OR HOOVER SAYS ROBINSON

WASHINGTON, March 5.—(AP)—Senator Robinson (D. Ark.) told the senate today that if the country preferred conditions of three years ago to those of today, it meant not the election of some new Republican prospect, but "the re-election of Hoover."

His assertion was made during a heated exchange with Senator Dickinson (R. Iowa) over New Deal policies.

Robinson asked Dickinson pointedly if he preferred the "prosperity" of March 4, 1933, to present conditions, an answer Dickinson replied that he considered the present condition "dangerous," the Arkansan asked:

"That, I call to the attention of hearers, means that he prefers the conditions that prevailed under Hoover to the ones now. That is the issue I desired to make."

# NERVE REMOVAL IS REMEDY FOR BLOOD PRESSURE

ANN ARBOR, Mich., March 5.—(AP)—A remedy for advanced cases of high blood pressure by surgical removal of nerve parts which serve the body cavities was advocated today before the American College of Physicians.

Dr. Max Minor Peet of the University of Michigan department of medicine, told a general session of the college that it was now believed that high blood pressure was essentially a nervous disorder, often hereditary, which responds to this treatment.

The operation, successful in a large number of cases at the University of Michigan, he declared, involves the removal of the small and large nerves of the body cavities. The object of this procedure, he added, is to eliminate constriction or drawing together of the blood vessels which supply the kidneys.

It has been used on 130 patients with advanced high blood pressure, who did not have hardening of the arteries as a complication. While 4 percent died as the result of the operation, 15 percent apparently were cured, 21 percent showed marked improvement, 26 percent were moderately benefited, and 17 percent showed slight improvement. Only 7 percent failed to benefit.

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New Flower Discovered  
PORT ANGELES, Wash. (UP)—A new flower, discovered on the slopes of Mount Angeles, has been labeled Penstemon Nelsonae. It is the only yellow Penstemon ever found in Washington, and the variety is understood to be native to this area.

Priest Qualifies as Flier  
TORONTO, Ont. (UP)—Father J. M. Couture, R. J., is one of the only priests on the continent who is a licensed airplane pilot and who uses his plane in visiting parishioners. Father Couture, 50, won his license here recently.

Weather  
Northern California: Fair weather and normal temperature tonight and Friday, but considerable clouds of fog west portion, becoming unsettled northwest; little change in temperature; moderate changeable wind off the coast, becoming southerly.

Oregon: Generally fair tonight and Friday, but considerable clouds of fog west portion, becoming unsettled.

Be correctly corrected in an Artist Model by Ethelwyn B. Hoffmann

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NEW STYLES \* Same old low prices

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NEW STYLES \* Same old low prices

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Super House Paint \$3.45 value. Gal. 3.00  
Overall Flat Paint stand. quality. Gal. 1.70  
Overall House Paint \$2.45 value. Gal. 2.00  
Overall Floor Paint stand. quality. Qt. 61c  
Marproof Floor Varnish: \$1.35 val. Qt. 1.02  
Overall Floor Varnish: stand. quality. Qt. 57c

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