



Training in aviation is provided for these young men at the West Virginia 4-H Airport, Jackson's Mill.



This West Virginia 4-H girl develops greater appreciation of the beautiful as a part of the camp's program.

# West Virginia Makes Certain of Tomorrow's Leaders

## System of Training Begins with Boys and Girls and Extends to Men and Women Through Summer Camp at Jackson's Mill

By Walter P. Schnopp

CONSTRUCTIVE leadership for the future in West Virginia is not being left to chance with the hope that able and wholesome leaders will develop, but is being assured through a system of training that begins with boys and girls and extends to adult men and women.

From this boyhood home of General "Stonewall" Jackson, now a training school for perpetuating the ideals, courage, and determination for which he stood, radiates inspiration into every corner of the state.

Each year from the latter part of April to the end of September, 20 or more special training camps or conferences are held at Jackson's Mill.

Among those who receive special lead-

phasizes the development of heads, hands, hearts, and health to the end of achieving a well-rounded, wholesome life. Here at the 4-H Camp they have an opportunity to exercise their ability to think, plan, and reason about vital life problems in such a way that they will become adept in using their minds in thinking clearly and logically.

Thinking must be coupled with action, so training in many skills is pro-

door activities. By 5:30 everyone is ready for another hearty meal, followed by a period of relaxation and quiet when all the campers gather for the evening vesper service.

By 8 o'clock all assemble around the camp fire in the Council Circle to review worthy deeds of the day, listen to inspiring tales of valor, sing songs, give yells and challenges, perform stunts, and finally, as they stand with uplifted hands and faces to the Great Chief of their lives, close with the Omaha Indian tribal prayer—"Wa-kon-da dhe-dhu. Wa-pa-dhin a-ton-he," which translated is: "Father, a needy one stands before Thee. I that speak am he." Then quietly they wend their way to their lodges and to bed.

### Planned to Meet Needs

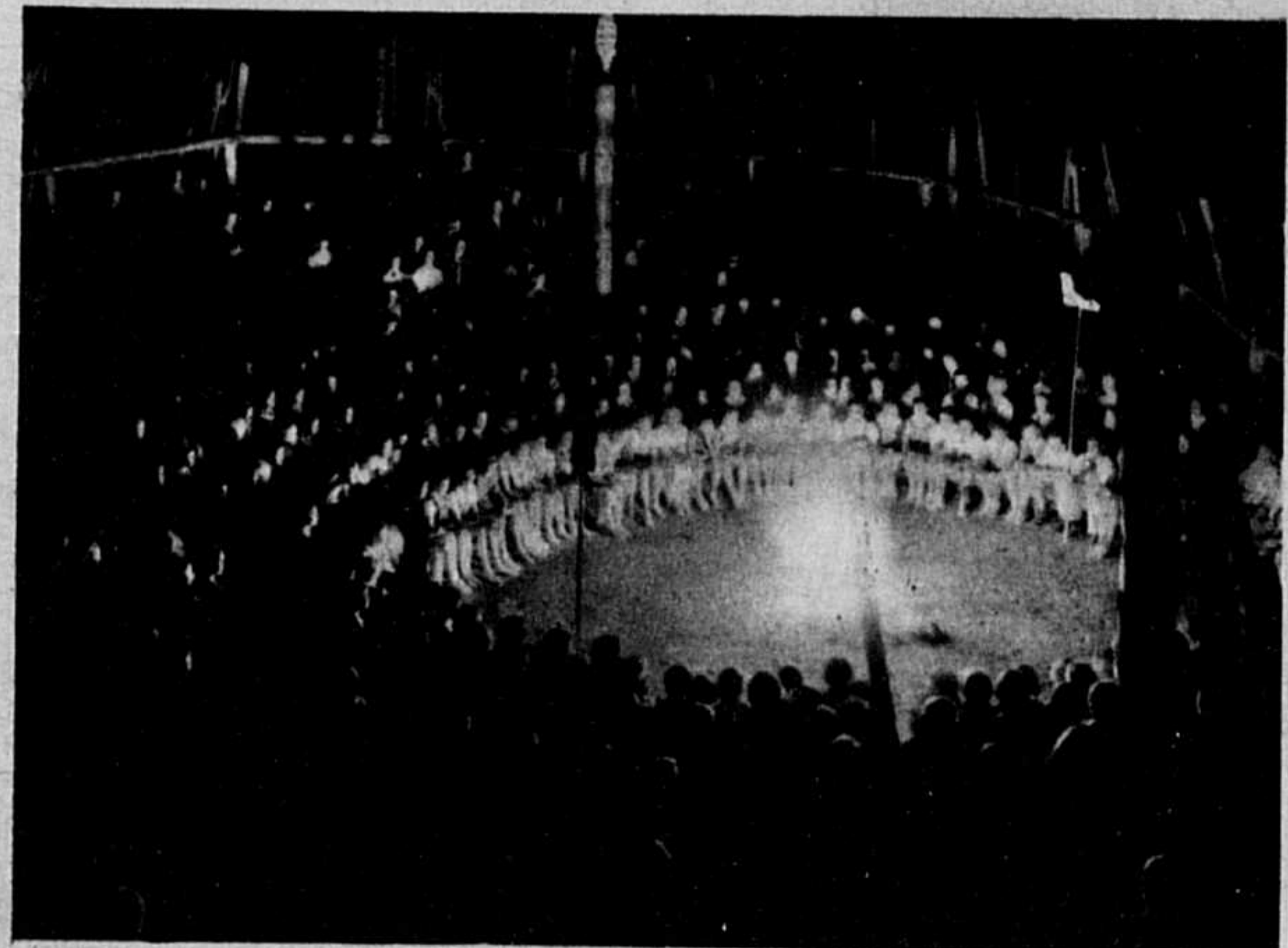
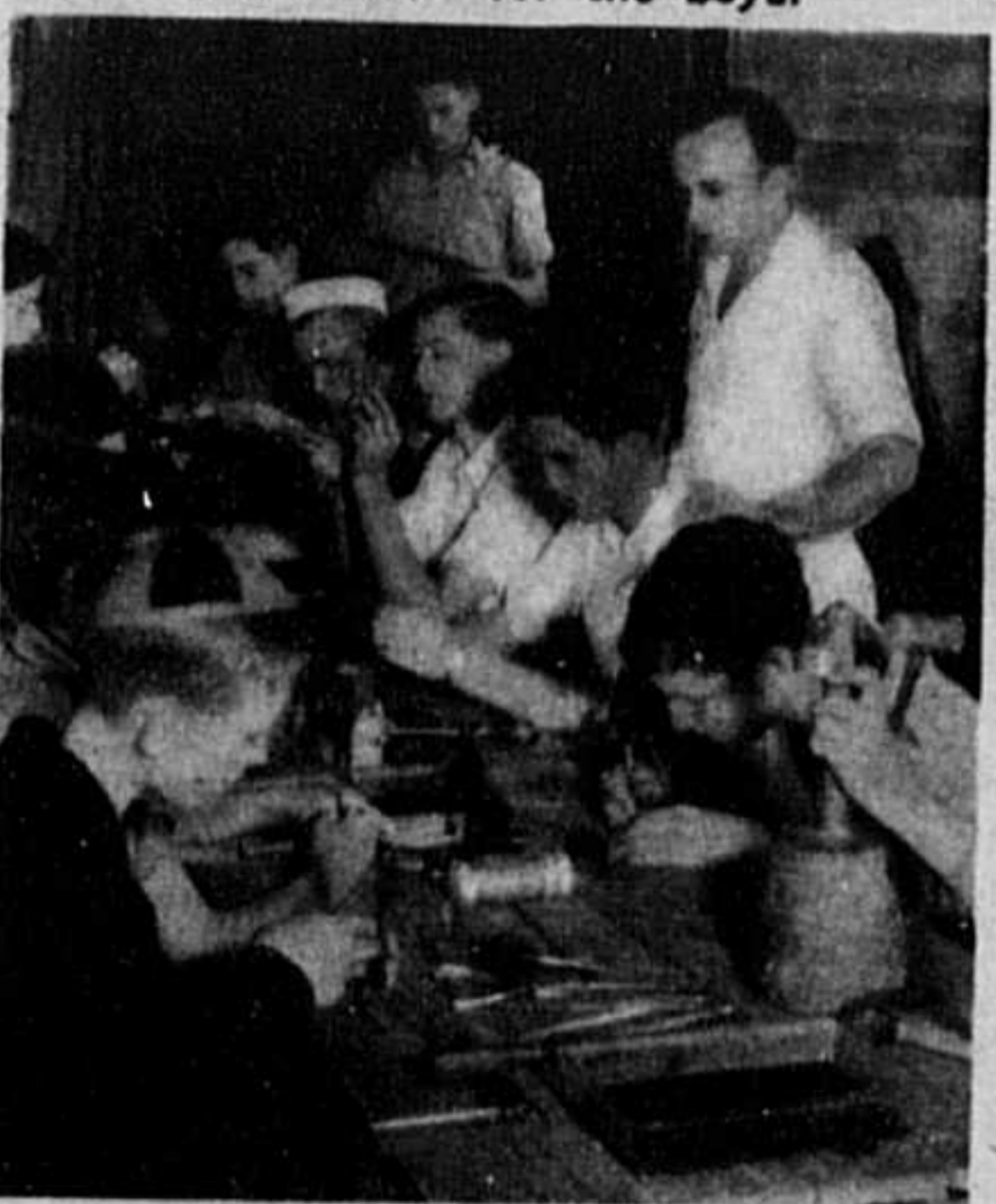
Equally challenging programs are arranged to meet the particular needs of other groups. Ministers, in their conference, discuss methods of making their work and the program of the church more helpful in community life. They get a broader and more fundamental understanding of the relation between physical, human, and spiritual resources; between home, society, and the church.

The farm women deal with problems of the home, child care, food preservation, wise management, house furnishings and decoration, clothing, family relationships, use of money, good reading, community problems, and dozens of other matters of special interest to them, and incidentally get some recreation learning to play and have fun.

Farmers discuss their problems of organization, marketing, cooperative action, goals for community betterment, and renew their youth in the spirit of play.

Then there's the airport. A licensed pilot conducts training courses for those interested in aviation and fits them to become skilled pilots.

### Handicraft for the boys.



When evening comes, the perfect day ends around the camp fire.

ership training through these conferences are livestock marketing leaders, home economics teachers, ministers, representative boys chosen for the "Boys' State," 4-H club leaders, older 4-H boys, older 4-H girls, adolescent 4-H girls, Future Farmers, young people active in church organizations, farm women, farmers, music leaders, photographers, and others.

Some of the best examples of how these leadership training conferences serve to build foundations for life enrichment in West Virginia may be seen in those held in connection with the 4-H program. More than 20,000 4-H club members in West Virginia are organized in about 1,200 local 4-H clubs. Almost every club is directly influenced by training given at Jackson's Mill, either through its leader or some member who attends one of the training schools.

Both the young people and the adults who come to Jackson's Mill are the natural leaders in their home communities, who return to their homes from the camp better qualified to guide the thinking of their groups and to serve as competent leaders.

Training for these 4-H groups em-

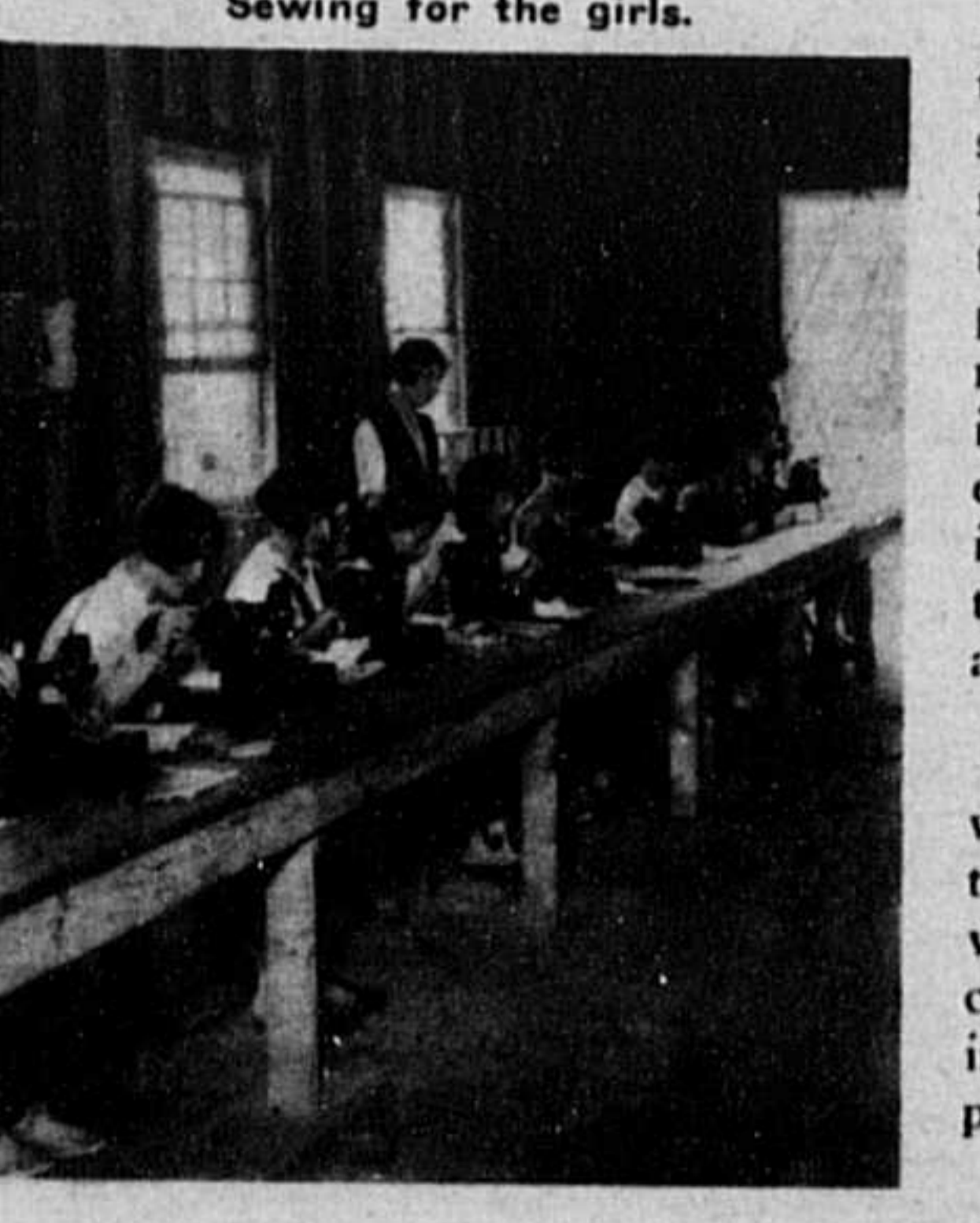
In a measure, the same system, or variations of it, is being used throughout the United States, but in no state may be found a development under the guidance of the state's highest educational institution—the state university—that goes as far toward training leaders for all walks of life as does West Virginia's State 4-H Camp, administered by the Agricultural Extension Service of West Virginia University.

This camp, the pioneer development of its kind in the world, and by far the most extensive of any similar development anywhere, has been in the process of development for 17 years, having been started on a five-acre tract, on which was located the boyhood home of one of America's great leaders—Thomas Jonathan ("Stonewall") Jackson, from whom the location gets its present name—Jackson's Mill.

### Serves Many Groups

Today, the camp grounds include 523 acres and buildings and other equipment with a value of almost \$250,000. Included in the camp's physical equipment are 11 county buildings used as dormitories, a large assembly hall, dining hall with a seating capacity of 500 patterned after George Washington's home at Mount Vernon, an exhibits building and museum, a director's home, large swimming pool, library, complete water and sewerage system, administrative offices, work shops, airport, athletic field, game preserve, and livestock unit with pavilion and barns.

### Sewing for the girls.



# Agricultural Brevities

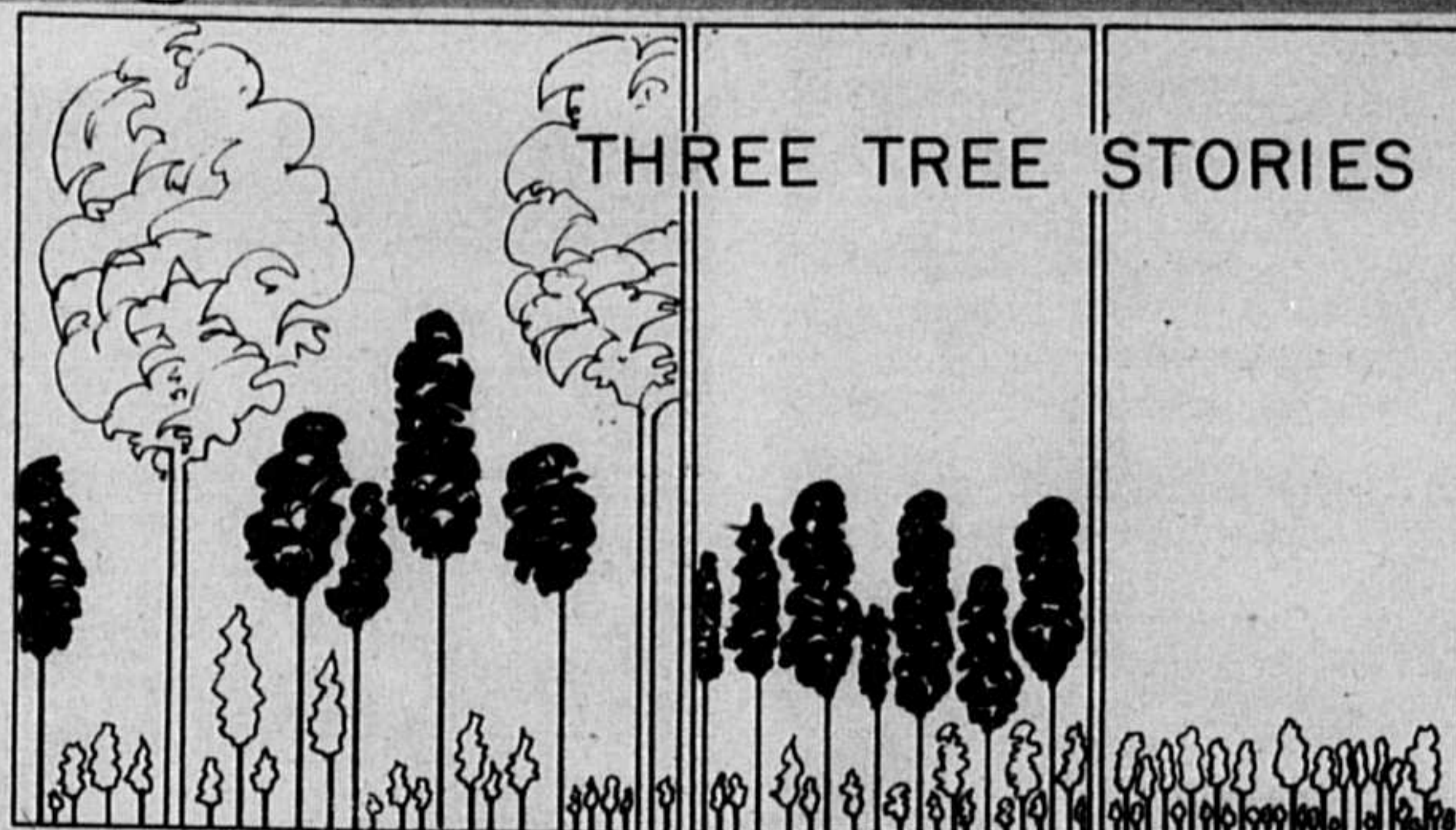
## Forests

Actual figures on the value of forest growth in controlling and preventing floods are brought out in tests by the Forest Service of the Department of Agriculture.

In the Ohio Valley, forest soil is 15 to 30 per cent more porous than field soil and absorbs 50 times as much water as bare soil. Forest soils absorb more water not only in single storms, but in successive rains, an important item in flood control.

On 23 small watersheds at the headwaters of the Mississippi, the flood flow from forested watersheds for one year was only 38 cubic feet of water per second per square mile. But the flood water from grassed and abandoned agricultural lands was 432 cubic feet, more than 10 times as much.

National Forests have gained 6,176,492 acres in area through purchases approved by the National Forest Reservation Commission since July 1, 1934, the U. S. Department of Agriculture reports.



Man can help Nature in the reproduction and growth of good timber. Finding out how to help most effectively is one of the principal jobs of the Forest Service, U. S. Department of Agriculture. Sunlight and water are vital to healthy tree growth.

The diagrams illustrate three conditions common on forest lands. Where the overstory trees (those trees which overtop the rest) monopolize the sunlight and soil moisture, young new growth does not come in and the understorey stagnates. The first diagram shows an overstorey of old growth where old, mature and defective trees may be getting more than their share of a limited place in the sun, to the detriment of the second-growth and new-growth. The second represents an overstorey of second-growth monopolizing the light with new growth again as the victim. In the third diagram an overstorey of new growth itself is overtopping smaller new trees.

## Fences

Scientific advances in the making of more durable fence will save farmers of the country millions of dollars in depreciation costs, according to Prof. H. W. Riley of Cornell University.



This is how your fence looks as it comes from the weaving machine. Each single strand is as lustrous as it was before the weaving process. (Bethlehem Steel Photo).

## Death

Death on the highways will be slowed down when road and traffic officials put into effect generally those regulations of proved value that have already been widely adopted. The mere lack of uniformity in traffic regulations, says Thomas H. MacDonald, Chief of the Bureau of Public Roads, is the cause of many accidents.

The National Conference on Street and Highway Safety has prepared motor vehicle codes and traffic ordinances. Thirty-nine states have adopted these proposals in part, but only a third of the states are in reasonably close agreement with the code.

Only 19 states have the standard licensing system based on a thorough examination. Not more than 20 states have a highway patrol of even reasonably adequate character.

## India

The 1935-36 cotton crop in India is now estimated at 4,793,000 bales of 478 pounds net weight from 25,138,000 acres, according to the Bureau of Agricultural Economics. This estimate is 17.9 per cent above last season. The production trend in India has been up-

## Poultry

Thirty-four states are taking part in the National Poultry Improvement Plan, under the guidance of the United States Department of Agriculture. The department has for distribution, a tabulation showing the particular phases of the plan in which each state is participating.

Those desiring names and addresses of hatchery men and breeders taking part in the plan may obtain this information by writing to the State College of Agriculture or the State Department of Agriculture.

Adoption by Germany of a maximum agricultural sufficiency program has decreased the volume of German net imports of agricultural products by 18 per cent, and the value by 70 per cent, according to the U. S. Department of Agriculture.

All large agricultural exporting countries, especially the United States have been affected by this German policy. Of the six farm products of primary importance in trade with the United States—cotton, lard, tobacco, apples, prunes and raisins, only three—cotton, prunes and raisins are not produced in Germany.

Reclamation projects now under way in Germany cover an area of approximately 3,000,000 acres. Within the next

two years it is expected that approximately 600,000 acres of this area will be available for the production of food.

This reclamation project is one of the important tasks undertaken by the government to secure the nutritive self-sufficiency of the nation. Throughout Germany, under government guidance, fertility of soil is being improved, yields are being increased by improved soil preparation and better crop rotation. The improvement in cultivation of waste land is being promoted and new land is being reclaimed from the sea.

The territory at Germany's disposal for food production is relatively small, amounting to only 111 acres per 100 inhabitants. In the United States, it is 297 acres, in Denmark and France 210 acres, and in Italy 138 acres, according to the Bureau of Agricultural Economics.

## 4-H Clubs

Nearly 1,000,000 farm boys and girls are now enrolled in 4-H club work, according to Dr. C. W. Warburton, director of extension, U. S. Department of Agriculture. These young people, who are studying improved methods of farming and homemaking and learning co-operation and good citizenship under the direction of the extension service, are located in all of the 48 states, and in Hawaii, Puerto Rico, and Alaska.

Club work is carried on in the United States in 2,960 counties. Extension agents are assisted in directing this work by 106,215 local volunteer club leaders.

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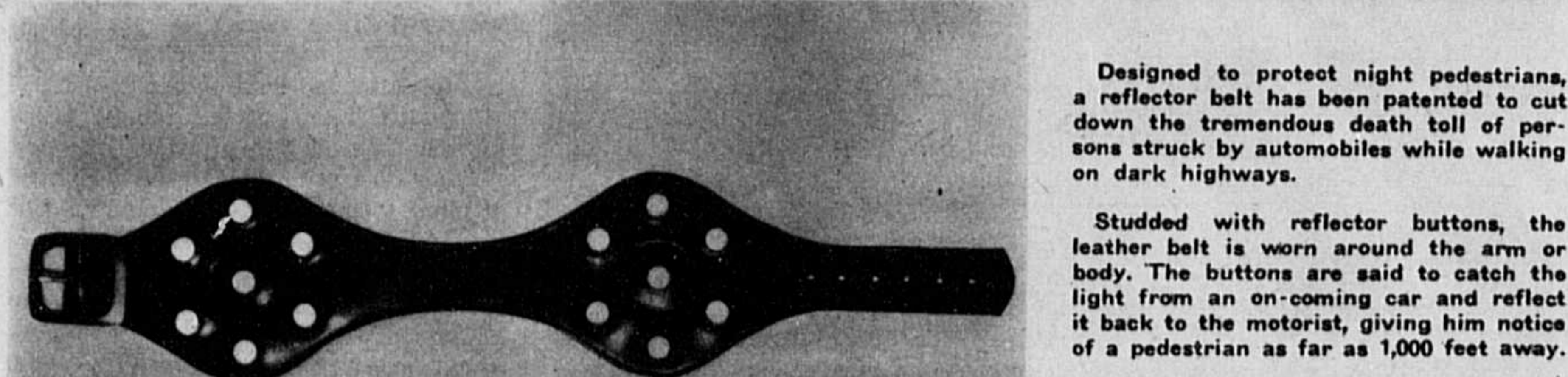
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## Reflector Belt Designed to Combat Death On Dark Roads



Designed to protect night pedestrians, a reflector belt has been patented to cut down the tremendous death toll of persons struck by automobiles while walking on dark highways.

Studded with reflector buttons, the leather belt is worn around the arm or body. The buttons are said to catch the light from an on-coming car and reflect it back to the motorist, giving him notice of a pedestrian as far as 1,000 feet away.

Although the light may hit the button at as much as a 25 degree angle, the reflectivity is said to be equally good.