

GEORGIA TECH BEATS BEARS IN PASADENA, 8-7

Victors Outbattled, Expert Opinion, But Prompt to Seize the "Breaks."

BLUNDER TURNS TIDE

"Goofy" California Center Starts Defeat by Dash With Ball Toward His Own Goal.

By VICTOR G. SIDLER.
(Associated Press Sports Writer)
PASADENA, Calif., Jan. 2.—The fame of Dixie, emblazoned on this city's rose bowl gridiron history by the never die spirit of Alabama, stood out today in greater relief.

Carrying on where the crimson tide had left off two years ago, the Golden Tornado of Georgia Tech yesterday swirled to an 8 to 7 triumph over the Golden Bears of California in a played game, yet as sensational a struggle as the Arroyo Seco bowl ever had seen. The southern tempest rode the victory to an undefeated and untied season, and as strong, if not stronger, a claim on the mythical national gridiron championship than any other aggregation in the country can offer.

"Goofy" Play Decides
It was a thrilling, hard fought battle in which the south upset the standard bearers of the west, but it was not altogether the gridiron ability of the Tornado that brought Dixie a second victory as the representative of the east in the New Year's day classic. It was safety in the second period that decided the issue—a play that saw Roy Riegels, stocky too-headed center and captain elect of the Bears, run 75 yards towards his own goal line to give Tech a "break" that ultimately decided the contest in favor of the south-erners.

A play that has been the subject of many fanatical gridiron plots, the basis of many a magazine thriller, but seldom, if ever, seen on a football field was that which Riegels, losing his bearings completely, inadvertently made. It happened in the second period, Riegels, snatching up a fumble of "Stumpy" Thompson, Tech half back, started for the Tech goal. After he had taken about 15 steps he suddenly reversed, and headed for his own goal line. He was stopped on the one foot line by a teammate, Benny Lom, who had chased him the entire distance. Before Riegels could retrace his steps a half dozen Tech players were upon him, and he was smothered to the ground.

Blunderer, Chagrined
Riegels, once he understood what had happened, was simply too crestfallen for words. He dropped to the ground, took off his headgear and gave vent to expressions of dismay and consternation. Riegels was taken out of the game a few moments later.

The consensus of opinion was that Riegels, who was opposing Pundt, the Georgia Tech all-American center, and who had taken a ferocious beating on the Tech line plays, was simply befuddled momentarily, and was more or less groggy when he picked up the ball.

At the end of the half Riegels was again started at center and soon after he displayed his callous by blocking a Georgia Tech punt and recovering for California.

The California team simply took the play as a matter of course. Standing with his back almost even with the goal post, Lom attempted to punt out of danger. It was the only thing to do, but it proved the Bear's undoing, for as the sterling halfback swung his mighty right foot, Vance Marec, Tech's outstanding tackle, crashed through the vaunted Bear line to block the punt. Stanley Barr, California halfback, took the oval after a made scramble, and Tech had two points.

Error "Pepe" Tech
Demoralized by the unusual "break," the Bears fell victim to a yellow jacket score in the following quarter. The stalwarts of California stiffened to hold in check on their own one-yard line a Tech drive, but the Tornado returned with even greater force a few plays later to swoop across the westerners' goal line. Brilliant Warner Stizell, halfback, galloped 20 yards to plant the pugkin on California's 15 yard line and "Stumpy" Thompson, his squat running mate, packed it across on the next play.

A touchdown in the final minutes of the game was sweet fruit to California's gridiron when faced a shutout defeat, although they had outgained their foes almost three yards to one, and out-battled them virtually throughout. Lom, who had been the backbone of the California offensive, passed with uncanny accuracy and terrific force in this last hope drive of the Bears that carried 30 yards. Two passes to Captain Irvine Phillips, on one of which the star center scored, and one to Lee Kiam, slippery quarterback, accounted for most of the gain. Barr's lofty kick for the extra point was successful.

Tech had a fast charging, hard hitting forward line—one of the most consistent forward walls that ever has performed in a rose bowl classic. It was an aggregation of veritable hall hawks, taking advantage of every break that came

their way, and fighting to the last.

Oregon Close Victor

HONOLULU, Jan. 2.—A crowd of 10,000 spectators saw University of Oregon football eleven win a hard fought battle here New Year's day from the University of Hawaii by the close margin of six to nothing. Bright sunshine prevailed.

Numerous fumbles marred the contest, but the breaks were evenly divided. Oregon's score came as the result of a fumble in the second period when Archer, Oregon end, picked up Whittle's fumble and raced to the 15 yard line before being halted. On the next play Kitzmiller went over through tackle. The try for point failed when Gould fumbled the pass from center.

The third period was scoreless and at the opening of the fourth Hawaii sent in a complete new line. Oregon's offensive, however, continued effective and the Web-footers worked the ball to Hawaii's 20-yard line, losing it when Rusty Holt intercepted a pass from Kitzmiller. Hawaii took the air in the final minutes of play in a desperate effort to score. An incomplete pass over the goal line gave Oregon the ball three plays before the game ended.

A fumble by Kitzmiller, Oregon halfback, after he had signaled for a fair catch, was recovered by the Islanders and allowed them to keep the ball in Oregon's territory for the greater part of the first period. Hawaii attempted many passes but completed few of them. Two runs for 18 and 21 yards were made by Rusty Holt, Hawaiian halfback, to feature the period.

Howell Adds to Laurels
DALLAS, Jan. 2.—Blue Howell, Nebraska fullback, the big six conference's 1928 leading scorer who gained all-American recognition, wound up his collegiate gridiron career in brilliant style here yesterday afternoon by leading a picked team of stars to a 14-6 victory over southwest conference stars in a charity game.

Only three days after he contributed the lion's share of touchdowns on the east's 20 to 9 victory over the west at San Francisco last Saturday afternoon, Howell can wild against the best southwest had to offer, and recorded both of his team's touchdowns. He likewise scored two touchdowns at San Francisco.

Although he was forced to travel part of the way he air to get here in time for the New Year's day game, Howell appeared as fresh as ever, and ripped the southwest stalwart line to shreds in the first two periods, in each of which he crossed for a touchdown.

Howell, who scored 14 points in 9 games for the Cornhuskers during the regular 1928 season, was a unanimous choice for all-conference fullback.

VETERAN IS BURIED AT HOME CEMETERY

Edward Sanders, Spanish war veteran who passed away at Chico, California, was a resident of Portland for many years, his home being at 651 Liberty street. The body, accompanied by Dr. B. L. Jones of Whipple, Arizona, connected with the war veterans' bureau, arrived here last night and the funeral was held at 2:30 o'clock this afternoon at the Soldiers' Home cemetery and burial took place there.

Mr. Sanders was in the hospital in Arizona and was being transferred to Walla Walla when he became worse and died. He was a private in the commissary department of the 7th United States Infantry and was 52 years old. Mr. Sanders was unable to be here for the funeral.

ALVA HUNTER IS CHOSEN PRESIDENT ROSEBURG BAND

An interesting banquet and business meeting was enjoyed by the members of the Roseburg Musical club last night at the Umpqua hotel last night. There was an excellent attendance of the band members. Following the delicious banquet an election was held, resulting in the reelection of all of the officers. Alva Hunter being chosen president; Charles Carahan, vice-president; Fred Strang, secretary-treasurer; T. H. Seas, manager; Hale Strang, director; and O. C. Baker, C. A. Lockwood and Glenn McAlister, trustees. A general discussion regarding the band's welfare was held, resulting in the adoption of a plan to recruit additional members for the organizations.

AUTO FOR EACH CHILD OF SCHOOL AGE IN U. S.

WASHINGTON, Dec. 24.—There are as many automobiles in the United States as there are children of school age, Dr. Frank M. Phillips of the United States bureau of education points out.

In 1925 there were four registered automobiles in the country. This year there are 20,000,000. There were 9,500,000 children of school age in 1925, and today there are 20,000,000.

The cost of educating a child in the public schools, Dr. Phillips figures show, has jumped from \$40 in 1912 to \$102 in 1925.

QUAKE TAKES FOUR LIVES \$250,000 IN PROPERTY

(Associated Press Local Wire)
MANILA, Dec. 24.—The toll taken by earthquake and tidal wave last Wednesday at Cotabato, capital of the province of that name, stood today at four dead, 102 injured and property damage of about \$250,000. Cotabato was said to have been practically destroyed.

The earthquake occurred during the night and many houses collapsed. Fire broke out but it was soon brought under control. The tidal wave followed the quake, flooding the city and the surrounding area.

SCIENCE MAKES GAINS IN FIGHT ON PLANT ILLS

Specialists Discover Two Methods for Control of Costly Grain Smut.

POTATO LICE STUDIED

Leaf Mold Checked by High Humidity—Rain Water Responsible for Fireblight.

BY COLEMAN B. JONES.

Associated Press Science Editor.
NEW YORK, Dec. 29.—The plant doctors of the United States concentrated their attention today on the diseases of grains, fruits and vegetables which annually cause heavy losses to farmers and affect the prices and quality of the products consumers must buy.

Many of these diseases are closely akin to those which afflict human beings and domestic animals, being caused or spread from victim to victim by bacteria, viruses and parasitic insects and fungous growths.

Others, however, apparently are peculiar to the plants they attack, but the plant doctor's task is the same as that of the medical scientist in all cases—to find out what causes the disease and how it can be controlled.

Control of Grain Smut

The stinking smut of wheat and other grains was accorded considerable attention today. This disease was shown to be controllable in wheat by two methods, the mechanical cleaning of the seeds—to remove the smut balls which if sown with them carry the disease into the mature plants, and their destruction with chemicals that do not harm the seeds themselves.

Dr. R. S. Kirby of Pennsylvania State College described mechanical cleaning tests with 21,000 bushels of wheat. He said that even heavily infected grain had been cleaned perfectly by utilizing two processes: running it through a rockle disc cleaner at 100 to 150 bushels an hour and through a receiving separator of the screen and strong air draft type at the same speed.

R. W. Leukel of the department of agriculture reported successful destruction of the smut balls by immersing the infected seeds for an hour in solutions of various chemical preparations, of which more than 40 are on the market. Some, he said, control both the stinking smut of wheat and the covered smut of barley, and these, he found in experiments with Dr. J. G. Erickson and A. G. Johnson of the department, also are effective against the stripe disease of barley.

Plant Lice's Toll

Just as mosquitoes carry the malarial germ from one person to another, plant lice are responsible for the spread among potato tubers of the disease known as net necrosis. Prof. A. H. Gilber of the McDonald college, Quebec, declared, connecting it with the widespread ailment of potato plants called leafroll.

Studies of the latest addition to this group of disease, which causes degeneration of potato tubers and plants, were reported by Dr. E. S. Schultz of the department of agriculture, and Reiner Bonde of the Maine agricultural experiment station.

Leaf Mold Combated

Means of controlling the leaf mold disease, which attacks tomato plants in greenhouses, were described by A. G. Newhall and Dr. J. D. Wilson of the Ohio agricultural experiment station. The fungus which causes the mold, they said, requires a high degree of humidity to develop sufficiently to destroy the crop.

They have been able to overcome the disease by installing forced air ventilation in greenhouses to remove excess moisture, the extent of which can be judged from the fact that a field of tomatoes under June conditions may give off 400 gallons an hour.

The germ which causes fire blight on apple, pear and similar fruit trees is spread by rainwater and not by insects, as has been supposed, Dr. W. Miller of the Wisconsin agricultural experiment station, told the society.

JOB SEEKERS AT FORD PLANT REACH TOTAL OF 32,000

(Associated Press Local Wire)
DETROIT, Jan. 2.—Mulling about the employment office of the Ford Motor company at Fordson, a crowd estimated by officials of the company at 32,000 men today responded to the announcement of the company that 30,000 additional men will be employed.

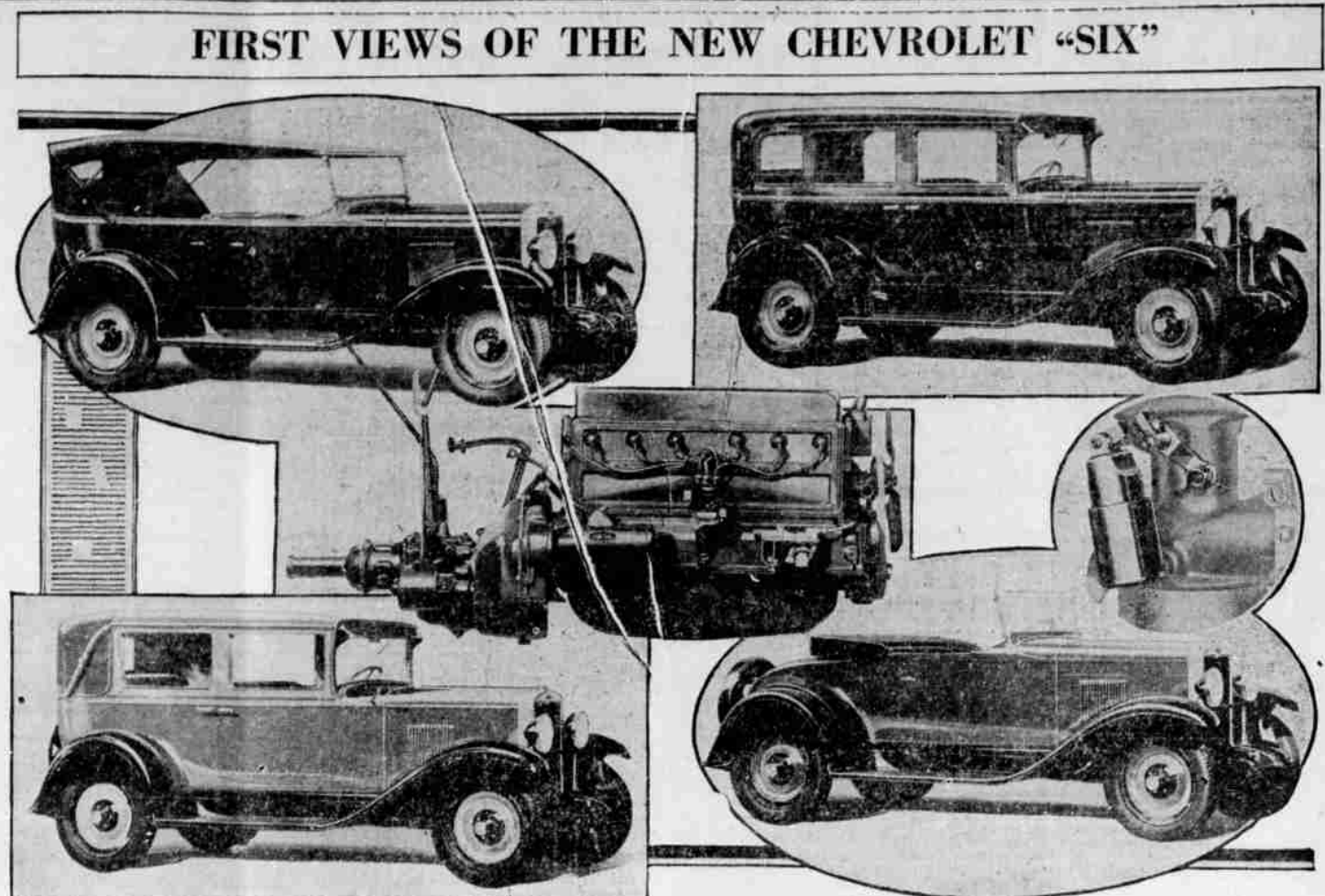
The crowd was unwieldy and the employment office, which was to have opened at 8 a. m., remained closed until guards could form the men into a semblance of a line.

Many of those outside the small building had stood all night in the snow. By 4 a. m. the number was estimated at 5,000 and by 8 a. m.

ABSENT: UPSETS COURT

LIVERPOOL.—The Liverpool Open Air Hospital for children has installed radio phones in pillows on each hospital bed. Music may now be heard by the patients while resting on their pillows.

WASHINGTON.—Court proceedings were upset and a liquor trial was postponed here when one of the jurors failed to appear, and the resultant search failed to locate him. The last day he was at court was the day on which his landlady says, she disappeared with his belongings.



A group of four of the models of "the outstanding Chevrolet in Chevrolet History—A Six in the Price Range of the Four" which was announced this week by the Chevrolet Motor Company. The new engine develops 32 per cent more power than its famous predecessor and all bodies this year carry the famous Fisher stamp of craftsmanship. From left to right, top, the phaeton and four-door sedan. Center, the new valve-in-head motor and the carburetor showing the new accelerating pump. Lower, the convertible landau sedan on which the top rear quarter may be completely folded down and the roadster.

Ford officials said there were 32,000 on hand.

Employment officials of the company have announced that from 500 to 600 men will be added to the plant's roster daily until the full complement of 30,000 has been added. More than that cannot be hired daily, they said, because of the details of employing.

The initial announcement of the company said the 30,000 men will have been hired by March 1 to enable the operation of the plant six days a week while maintaining the Ford schedule of a five-day week for employees.

FAST AUTOISTS OUGHT TO KNOW

Mirrors are required on all motor vehicles in the following states, according to information furnished by the Oregon State Motor association: Arizona, California, Connecticut, District of Columbia, Idaho, Illinois, Indiana, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oregon, Pennsylvania, Rhode Island, Texas, Vermont, Virginia, Washington, Wisconsin and Wyoming.

The use of mirrors is in the interest of safety and through the medium of a mirror, the driver is enabled to watch the car approaching from the rear without turning his head.

Oregon is one of the states which prohibits the pasting of signs or posters upon the front windshields of automobiles, according to the Oregon State Motor association.

The states having laws upon this subject are Arizona, Connecticut, District of Columbia, Idaho, Michigan, Minnesota, New York, North Carolina, North Dakota, Oregon, Pennsylvania, Vermont, Virginia, Washington and Wisconsin.

The language of the laws covering this matter in the above states varies, but the following is the typical provision in effect:

"It shall be unlawful for any person to drive any vehicle upon a highway with any sign, poster or other non-transparent material upon the front windshield, side wings, side or rear windows of such automobile, other than a certificate or other paper required to be so displayed by law."

VILLAGE OF BAD TEETH

LONDON.—Teeth of school children in at least one Derbyshire village are nearly 100 per cent imperfect. A member of the education committee offered a shilling to each child with perfect teeth. Only one passed the examination.

MUSIC IN PILLOWS

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-say those who have seen the

Outstanding Chevrolet of Chevrolet History

-a Six in the price range of the four!

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Everyone anticipated that Chevrolet would produce a remarkable automobile—but no one expected such a sensational six-cylinder motor... such delightful handling ease... such marvelous

comfort... such luxurious Fisher bodies... and a fuel economy of better than 20 miles to the gallon! And no one believed that it would be possible to produce such a car in the price range of the four!

If you have not already made a personal inspection of the new Chevrolet, we urge you to do so at your earliest convenience. The beautiful new models are now on display on our showroom floor—and you are cordially invited to call.

The Roadster	\$525	The COACH	\$725
The Phaeton	\$525	Sedan Delivery	\$595
The Coupe	\$595	Light Delivery	\$400
The Sedan	\$675	1 1/2 Ton Chassis	\$545
The Sport Cabriolet	\$695	1 1/2 Ton Chassis with Cab	\$650

All prices f. o. b. Flint, Mich.



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—NORTH BIGBEE
Dallas News

"In appearance, performance and mechanical nicety the new Chevrolet Six presents actual values far beyond its price range."
—HAZEN CONKLIN
New York World

"The new Chevrolet is a triumph for volume production. The car at its price is one of the greatest achievements ever recorded in the automobile industry. Its beauty is a treat; its riding comfort a new delight and its performance a real sensation."
—RAY PRIEST
Detroit Times

"Aside from beauty in body lines and attractiveness in finish, the outstanding feature of the new Chevrolet Six is its powerful and flexible motor. One will have to go far to equal the high performance of this new Chevrolet in general road and traffic use."
—LEON J. PINKSON
San Francisco Chronicle

"In speed and acceleration, the new Chevrolet will more than satisfy the average person. In design, Fisher offers costly car appearance. In short, the new car is by far Chevrolet's outstanding achievement."
—EDWARD M. MILLER
Portland Oregonian

"Introducing new style, beauty and smoothness, the new Chevrolet Six certainly meets the requirements of the most exacting buyer."
—H. M. VAN DEVENDER
Atlanta Constitution