

Makes 1st Calls at Old New Switchboards



Fifty-two years ago, Mrs. T. J. Long became the first telephone operator in Athens, Tenn. When Athens' telephone system was converted from magneto (the old crank) to common-battery (the receiver) service, Mrs. Long was asked to handle the first call through the new switchboard. The call was made by Mayor Walter of Athens. Photo shows Mrs. Long at the new switchboard.

OLAK MOST IMPORTANT TREE

The white oak is the most important hardwood forest tree native to Michigan and to North America. It has held this front rank place since the earliest days of colonization. The original forests of the rich agricultural areas of the United States were largely made up of this most useful tree.

"Man, governed by immortal Mind, is always beautiful and grand. Each succeeding year unfolds wisdom, beauty, and holiness."—Mary Baker Eddy.

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CARD OF THANKS

We wish to express our heartfelt thanks to our many friends and neighbors, also the Novl-order of L.O.O.F., Lodge for the token of sympathy during our recent bereavement and loss of husband and brother.

Mrs. Fannie M. Richman
L. B. Richman
H. S. Richman

Historic Points Attract

Visitors to South Wales

The coast of South Wales between Swansea and Tenby, on the western side of Carmarthen bay, is varied. There are parts of the coast where the limestone cliffs rise to a considerable height, only to fall away again to the sand flats of such tidal estuaries as are formed where the Loughor, the Burry or the Towy rivers meet the sea.

To the west of Swansea the Mumbles Head curves protectively into the bay. From this windy elevation the view across the bay toward Swansea and Port Talbot has as a background the chimneys of innumerable industries, says the Sunday Times of London. A canopy of smoke drifts slowly across the scene. Dimly, through the haze, rise the rugged shapes of the Glamorgan mountains.

But turn toward the west and follow the undulating path along the cliffs and the horizon is limited only by the headlands of Pwll head and Oxwich point. In places the cliffs give way to snug sandy beaches, such as Longland bay or Caswell, where the bathing is good, or again in the wide sweep of Oxwich lying below the historic little village and castle from which it obtains its name. At Worms head the cliffs end and the flats around the river mouths begin. But beyond Pendine sands toward Sandfoot and Tenby the coast rises again and reaches a wild magnificence where the National Trust cliffs at Llystyp overlook Caldy island.

All this stretch of coast appeals to the visitor because of its quietness and charm. There are no great seaside resorts, but towns such as Tenby, Kidwelly, Llanelly or even Swansea, with their individual attractions, are excellent centers from which an interesting and historic hinterland may be explored.

Slick 1920 Model

Carries the Mail

Six days a week for the last 20 years a museum on wheels has bumped along Forsyth county's rural roads in North Carolina. The vehicle carries "Professor" T. E. Woolsey, veteran rural mail carrier, along his route.

Back in the era of prosperity just after the World war, Woolsey's "deluxe model touring car" was the king of the dirt roads.

Flashy 1940 model beauties can purr past him and the occupants can turn and smile in a proper, manly manner, but the "professor" is satisfied with his 1920 machine.

Service is what he puts a premium on, and he can't find any reason to complain. Since July, 1920, the old touring car has been faithful.

The speedometer broke years ago, but the known mileage is far more than 100,000 miles, and every day 38.3 miles are added.

Proof that the bus gives thorough satisfaction is the fact that in the route the professor covers with mail delivery.

This route is rough enough to be used as a testing ground for even the most durable new model car. But it has no bad effects on the "horseless carriage."

Homemade Concrete Mixture

Many home owners like to make their own concrete repairs because so often the job is too small to justify calling in a regular repairman. These proportions for concrete mixture are recommended by the technical division of the Federal Housing administration. For plain concrete, use one part portland cement, three parts sand, five parts gravel or crushed stone; for reinforced concrete, use one part portland cement, two parts sand, four parts gravel or crushed stone. No more than one gallon of water per bag of cement should be used, and when the aggregate is already moist, there should be less water, as the strength of the concrete depends to a great extent on the quantity of water used in proportion to that of cement.

Check by Colored Hoppers

If a Minnesota farmer finds a gold, violet or red grasshopper in his corn field he knows it's one of the 20,000 or more grasshoppers that the state department of agriculture has painted and then turned loose over the state.

State entomologists naturally aren't solely interested in raising garly colored grasshoppers. They want to learn the direction of hopper migrations.

Every now and then a batch of the colored hoppers appear in some section of the state. Whenever a farmer locates one of the colored types he notifies the agriculture department.

The pests are sprayed with the lacquer of a chosen color, diluted with banana oil. Any of the various tints can be used.

War Sells Olives

California growers attribute the Spanish war, which largely wiped out the olive industry in Spain, as a factor in the principal factor in a 250 per cent increase in sales of California olives.

Impurities in Beeswax

Eliminated by Sun Rays

Beeswax, when pure, is the material for high-quality candles, but impurities are likely to clog the candlewick and cause uneven burning and a sputtering flame. Bees manufacture wax for comb building, and the substance known as propolis or bee glue, which the insects gather from plants, a gummy resinous material that does not melt or burn at the same temperatures as pure wax. If particles of propolis are drawn into the wick, they prevent the even flow of the melted wax and may make a sooty smoke.

To purify wax for candlemaking and for use in cosmetics two government scientists have found that solar heating is likely to be more satisfactory than heating with boiling water. Sun heat helps to bleach the wax. Impurities may be further removed by boiling the wax in dilute acids which destroy the pollen and propolis without affecting the wax.

The scientists found that the darkening of the color which has been attributed to heating is really the result of chemical action that results when hot wax is in contact with iron. Wax can be kept hot for hours in containers of glass, stainless steel, aluminum, or nickel without darkening.

For dress making, in grafting wax, and for waterproofing, the presence of propolis and pollen is no disadvantage; but in making cosmetics and in pharmacy the propolis, in particular, is objectionable as it makes the wax much more acid, and mixtures which will be desirable in the pure wax may develop very differently because of the acid of the propolis.

Locating Oil by Sound

Opens Vast New Fields

The Anthony F. Lucas gold medal for 1940 has been awarded to Everett Lee De Golyer, consulting petroleum geologist, of Dallas, Texas, in recognition of "distinguished achievement in improving the technique and practice of finding and producing petroleum." De Golyer's plan for finding oil employs tracing ground supplies by using special sounding equipment.

The award was made by the American Institute of Mining and Metallurgical Engineers. It was made on the recommendation of a special committee of 16 leaders in the petroleum industry.

Mr. De Golyer was a leader in the development of geophysical methods for the location of petroleum deposits which have resulted in the discovery of more than 3,000,000 barrels of oil since 1928. Vast areas formerly ignored because of lack of surface indications of petroleum deposits were reconsidered for exploration as a result of these new methods.

His discovery of the Nash Salt Dome on the Gulf Coast in 1924 with his own De Golyer Torsion Balance—verified by drill in 1926—involved the first successful application of geophysical prospecting in the United States. He became interested in the use of seismographs in checking on subsurface structures by sound reflection in 1922.

Own a "Cremosa"? Maybe if you hope of sudden wealth rest in a violin case labeled Stradivarius 1716, you may as well abandon it.

Kenneth Warren, violin appraiser for a national musical instrument firm, announced:

"It is significant that of all the hundreds of so-called 'Cremosa' violins that have been brought in for appraisal not a single genuine instrument has ever been found."

"Hundreds of persons a year, who have violins bearing the labels of the Cremosa makers, Stradivari, Guarnerius and Amati, come to us to sell them."

"These instruments were not made to deceive anyone. They were originally made as models from those of the Cremosa and a ticket was put inside to indicate that they were copies of the maker. In the course of time, people came to believe that they were original instruments. There are only about 40 Stradivari instruments left and we know where all of them are. The chances of another turning up are exceedingly slim."

Important Kitchen Sink

The sink has been called the most important single piece of equipment in the kitchen. As both food preparation and the cleaning away processes involve the use of the sink, more than half of the housewife's cooking time in the kitchen is spent at the sink. Among the many types which may be chosen is an anti-resisting, cast-iron, enameled sink, with chromium plated swinging spout and a disappearing spray hose, obtainable in single or double compartment styles, with one or two drainboards. A 60-inch cabinet sink has two drainboards and one basin; the 42 and 36-inch models have one basin and one drainboard. All models are 36 inches high, which is the correct height for the average woman, and all are 25 1/2 inches wide, which is the standard width of the steel base cabinets. The sink, since it is the most used feature, should be built in a 250 per cent increase in sales of California olives.



RAY J. BONINI NEW TELEPHONE SUPERINTENDENT

Fred E. Relf, district commercial superintendent at Ann Arbor for the Michigan Bell Telephone Company for more than six years, has been appointed general commercial agent for the company.



with offices in the company's headquarters in Detroit. It was announced this week.

Ray J. Bonini, manager for the company at Grand Rapids since 1934, succeeds Relf as district commercial superintendent at Ann Arbor. The changes are effective immediately.

Relf has been with the Michigan Bell Company 31 years, starting as a salesman in the commercial department at Detroit in 1909 following engineering studies at the University of Michigan. After a two-year stay at Detroit, Relf transferred to the Upper Peninsula where he remained thirteen years in various executive capacities at Houghton and Menominee. Before coming to Ann Arbor in 1934, he was district commercial superintendent for the company at Grand Rapids.

Relf has been active in various local civic affairs. He was named chairman of the 1940 Community Chest, but his new appointment necessitated his resignation from that post. He is a former president of the Ann Arbor Rotary Club, and a member of the Huron Hills Country Club and of the Wolverine (Michigan) Chapter of the Telephone Pioneers of America.

Bonini has been with the Michigan Bell Company 13 years, nearly 11 of which he has spent in Grand Rapids. He also has worked for the company at Saginaw and Lansing. A native of Pennsylvania, Bonini entered the service of the company as a salesman in 1927 following his graduation from Notre Dame University with a bachelor's degree in commercial science.

The new district superintendent has served on the board of directors of the Grand Rapids Community Chest. He recently completed a term as annual treasurer of the Junior Chamber of Commerce and is the treasurer of the Michigan chapter of the National Aeronautics Association. He is a member of the Lions Club and the Knights of Columbus.

In coming to Ann Arbor, Bonini assumes charge of a district which includes 18 exchanges of the telephone with more than 20,000 telephone lines. In addition to Ann Arbor, the district covers Belleville, Carleton, Dexter, Farmington, Flat Rock, Livonia, Milan, Monroe, Northville, Plymouth, Romulus, South Lyon, Walled Lake, Wayne, Whitmore Lake, Willis, and Ypsilanti.

Mrs. Bonini and daughter, Judith will move to Ann Arbor in the near future.

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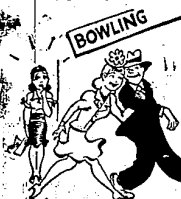
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LOOK Lady!

with JOSEPHINE HUDDLESTON

If you're one of those shy, lonely girls who just can't quite manage the blithe, easy manner which makes others quickly at ease in a strange crowd, regular bowling will prove to be your fairy godmother—one that will open wide the doors to companionship and popularity.



long tense and stiff. They relax and so gain poise. Bowling teaches the brain new ideas, for it is a swiftly moving, physical sport, one that is keen and competitive. The brain has no time to muddle with personalities. It is busy with learning how to control the ball so that it hits the king pin in exactly the right place to send the tenpins toppling for a strike! The mind occupied with such interesting and constructive plans, all the muscles react naturally, giving poise, gracefulness and personality.

Shy girls will find women at bowling centers interested in the game and in all the other women who are interested in bowling.

Because shy, lonely girls have their mind on the game rather than on themselves, they are lifted out of the self-consciousness which covers their personality like a dull cloak and become sparkling individuals.

When the brain is burdened with thoughts of insecurity, of being afraid to make friendly overtures toward others, the body reacts by becoming tense, restrained and awkward. Because of the healthful exercise, shy girls stretch muscles

Thus, a new girl—even a shy one—is quickly drawn into the circle. Happily occupied with the game, gaining confidence through the friendliness and help of other women bowlers, the shy girl soon becomes confident and radiant—no longer a lonely onlooker, but a girl with a good game to play among friends.

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