

Barnacles Getting Third Degree at Duke University

Barnacles—those pesky creatures that look like miniature acorns and cause the shipping industry untold grief—are undergoing a scientific third degree in the Duke University marine laboratory in Beaufort, N.C.

Financed by the office of naval research, the three-year project is designed to uncover new knowledge about the growth and development of barnacles.

Barnacles are a major problem of the shipping industry. They "glue" themselves to ships soon after settling, secrete a shell-like base which protects them from poisons in the ship's paint, and then begin growing.

Barnacles must be removed from ships by dry-docking and scraping—a process which costs millions of dollars annually.

Dr. Bookhout is studying the relation of a barnacle's growth to its moulting cycle. "In moulting," he explains, "the barnacle within its shell periodically sheds a glove-like covering, or exoskeleton, made of a horny substance called chitin."

The Duke scientists is now trying to find out what effect, if any, the moulting periods have on the growth of the barnacle shell, and whether or not any changes in the shell's chemical make-up take place during moulting.

Barnacles "volunteer" for the study by attaching themselves to plastic panels hung beneath the Laboratory boat dock.

Unpredictable Barracuda Sometimes Attack People

The biting habits of fish are unpredictable, and perhaps the most uncomfortably unpredictable of all is the great barracuda (Sphyraena barracuda), because it bites not only fishermen's bait, but sometimes human beings.

There are few fish in the sea that can equal the barracuda's bloodthirsty reputation.

This reputation often sends swimmers scurrying for shore when unknown fish are sighted, either alone or in schools. Many alarms are groundless, as large barracuda do not school and fish found near beaches in groups are usually harmless.

However, great barracuda do attack swimmers, and the attack is easily identified. Long, knife-like teeth along both sides of each jaw make a clean, straight cut that can cause a serious leg wound or even sever an arm at the wrist.

Many attacks attributed to sharks are the work of barracuda.

but a shark bite can be identified by its curving edges, matching a shark's mouth. And a shark will return for further attacks, often mutilating its prey. A barracuda usually strikes only once.

Divers in the West Indies, where both shark and barracuda abound, maintain that sharks as a rule are cowards and can be frightened away from swimmers. Barracuda are fearless.

Treatment of Pets

Just like human beings, dogs are treated for congestive heart disease with sedatives, diuretics and digitalis. A wire-haired terrier, according to a recent veterinary journal report, lived four years, to 13 years of age (the equivalent of 90 years in man), on digitalis. Dogs occasionally suffer from congenital heart defects resembling the "blue baby" condition and relieved by a similar operation. X-rays are employed in the treatment of pets with cancer, and X-rays plus the Thorium roval are used to locate foreign objects they may have swallowed. Vitallium alloy is being introduced into the repair of dog and cat bone injuries. Pet surgery utilizes all the standard techniques of human surgery, from asepsis and anesthesia to oxygen, blood transfusions, intravenous feeding and nutritional supplements.

Development of Pictures

The sensitive part of photograph film is an emulsion of silver bromide. Development is a chemical process in which silver bromide is converted to metallic silver. This change occurs most easily where the emulsion was exposed to light, thus producing the developed image. After development the film is "fixed," with a chemical such as "hypo," or sodium thiosulfate, to remove the unexposed and undeveloped silver bromide. The fact that the silver in the image is finely divided into microscopic grains is the reason that it does not appear "silvery," as it does in a coin or teaspoon, where the silver is in one solid piece.

What Blindness Costs the U.S.

An estimated \$125,000,000 is expended annually in educating and caring for the blind. In addition there is the cost of compensating industrial workers for blinding eye accidents. An estimated 80,000 men and women have lost one eye in industrial accidents, and another 8,000 are completely blind from injuries. The total cost to industry—in compensation, medical expenses and lost production—is well over \$200,000,000 a year. Of course the full cost of blindness in terms of human suffering can never be calculated.

Lost Ages Dated By Atomic Clocks Surprise Science

WASHINGTON—Wherever explorers find dead fires of forgotten peoples, fossil bones of extinct animals, or mute evidence of some natural cataclysm older than written history, the question "When?" is often harder to answer than "Who?" or "What?"

Radiocarbon dating, a technique for measuring age by natural radioactivity, is revolutionizing archeology.

Timing the past by the atom depends upon a relatively tiny amount of radioactive carbon—which scientists estimate at some 80 tons in all—scattered through earth, air and sea.

Constantly produced in the upper atmosphere by the bombardment of cosmic rays from outer space, this "hot" carbon becomes part of the carbon dioxide in the air. It is absorbed by plants through their leaves. Animals, including man, acquire the tagged atoms by eating plants.

As long as the plant or animal is alive, a balance is maintained. New radiocarbon is added as fast as it disappears, which is not very fast. When life ends, however, no more is added. Half of the original amount of radiocarbon disintegrates in an average of 5,568 years (its "half-life"); in another 5,568 years, half of the remaining half is gone, and so on.

Most organic material, of course, will itself have crumbled to dust long before this time. But occasionally Nature preserves remnants of ancient trees, charred bones, and human artifacts made from animal or plant substance. From these, radiocarbon dating can read the past.

Woven rope sandals found buried in volcanic ash in an Oregon cave gave proof that human beings roamed this continent as long as 9,000 years ago, much earlier than previously estimated. Radiocarbon has shown there were Indians in New York State and fishermen in Boston 5,000 years ago.

Seeking Robber, Man Is Held Up Again

ATLANTA—On his way home from work one evening an Atlanta citizen was stopped by two armed holdup men and relieved of his watch and \$60. As soon as they released him, the victim dashed home, got out his shotgun and valiantly set forth in search. In almost no time at all he encountered another holdup man—who relieved him of the shotgun.

Discriminating Men Switch to Hashish

CAIRO—"Hashish is less harmful than whisky"—that is the new publicity slogan of Egypt's Syndicate of Hashish Smugglers, Traders and Smokers—an organization that has existed underground for 33 years.

"Whisky drives you crazy while hashish makes you happy," said the syndicate in a letter to all leading Cairo newspapers. It was signed by President Habib Allah ("God's favorite"), and protested against the war declared on hashish by Maj. Gen. Mohammed Naguib, the premier, who has threatened the death penalty for smugglers and fifteen years at hard labor for addicts.

"Habib Allah," who did not reveal his real name, praised hashish smoking as a course of health, and said only those who chew it are harmed.

He said millions of families lived by the hashish trade, and the government should save the \$14,000,000 it spends annually on fighting the drug by legalizing and regulating its local cultivation.

Hashish is made from the hemp plant.

Lobster Tells Which End Is up From Ears

LOS ANGELES—A lobster's ears are not to hear with. They merely tell him which end is up.

This indication that a lobster might be a little "hard of hearing" by human standards is the result of research on the Los Angeles campus of the University of California. The study is being made by Dr. Theodore Bullock of the department of zoology and Dr. Y. Katsuki, visiting physiologist from Tokyo Medical-Dental University.

It has been speculated for some time that the sense organs located at the base of the lobster's first antenna were his "hearing ears." But U.C.L.A. study shows that the ears' only function is as a balancing mechanism similar to that of the human inner ear.

Lobsters, however, are apparently not deaf mutes. There is evidence that they are able to pick up certain sounds through hairs on their shell that are very sensitive to vibrations.

They even seem to have a sort of mating call. There is some indication that they respond to a clucking noise caused by a waving of the large antenna.

AGRICULTURAL FELLERS

Winterizing farm equipment is good business. Years of useful service can be added to the equipment and repair and maintenance bills can be held to a minimum.

Have fun with your family and friends this Christmas by planning the holiday activities together.

Flammable materials should not be used to decorate the family Christmas tree. The tree is actually a fire hazard and should be treated as such.

The National Turkey Federation Convention will be held in Dallas from January 6-7, 1953. Every phase of the turkey industry will be discussed in the

educational meetings and represented in the exhibits. Dressed and live turkey shows will be a feature.

It's not too early to make plans for next year's home garden. The first job is to get the garden plot in shape.

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Males Beware! Outnumbered By the Women

NEW YORK, N.Y.—Women already outnumber men in the United States, and the indications are that the difference in numbers will become even larger in the future, statisticians of a life insurance company said recently.

The reversal of the historic sex ratio in our population occurred in 1945, the statisticians reported, and showed up for the first time in the 1950 census. At that time there were about 1,430,000 more women than men.

Many Factors

Many factors are contributing to the increasing proportion of females in the population, according to the statisticians. The most important is the higher death rate among males. At birth, the ratio of the two sexes has been very stable for many years, at a level of about 1,055 males per 1,000 females. On the other hand, the ratio of male to female deaths has been increasing; in 1930 this ratio was 1,210 males per 1,000 females, and by 1951 it had risen to 1,333 males per 1,000 females.

Both sexes have shown a long-term improvement in mortality, but the reduction has been more rapid among females. As a result, the gain in population by natural increase (the excess of births over deaths) has been greater for females. In the six postwar years 1946 through 1951, natural increase added half a million more females than males to the population.

Migration

Another factor has been the trend in the sex pattern of migration. For most of the country's history, there was a marked excess of males over females among immigrants. However, this picture was reversed about 1930; in every year since then, more females than males have come into the country. During the depression years 1932 to 1936 three of each five immigrants were females. After the war the difference became even greater with the arrival of war brides and fiancées of American servicemen. In 1946, female immigrants outnumbered the males three to one.

On the other hand, more men than women leave the country. War deaths have been another factor in widening the margin between males and females in the population.

Economists Foresee Good Outlook in '60

AKRON, O.—Here's an optimistic outlook to balance worries about disappearing resources, the migration of some farmers to the cities, and the steady increase in the nation's population:

By 1960, the average breadwinner will be working fewer than 40 hours a week and still will be able to buy his family more and better things than he can today, according to an economic study by a rubber company.

Long-range trends, the economists say, indicate that the output of goods and services will continue to increase faster than the population. New methods and machines by 1960 will help each worker increase the amount of goods he can produce, the study shows. On the farm, for example, the number of tractors is expected to increase from more than 3,500,000 today to 5,500,000 in 1960.

The analysis, compiled by the rubber company to evaluate the prospects and trends in the rubber, automotive and allied industries, predicts a 27 per cent increase in goods against a 15 per cent rise in population from 1950 to 1960. The economists estimate that the American industry will spend 200 billion dollars for new plants and equipment to bring about the expected increase in productivity.

America in the Soup But Likes the Flavor

NEW YORK—U.S. farmers and canners have put this country in the soup—and the nation's populace loves it.

In fact, Americans like canned soup so much that they consume 2300 per cent more today than they did less than 50 years ago, a can company reports. Canned soup, just a specialty item on the shelves of a few grocers in the early 1900's, today is one of the nation's leading products with approximately 1, 000,000,000 cans produced annually.

The growing popularity of the product is shown by the increase in per capita consumption from 0.3 pounds in 1909 to 7 pounds in 1951.

Over 200 canned soup recipe combinations now are available to consumers. Improved agricultural and canning methods and faster can-making machinery—which raised production of soup cans from about 60 per minute a half-century ago to over 400 a minute today—have contributed to the development of the canned soup industry. These mass production techniques also have helped keep the price of canned soups to a minimum, the can-making firm said.

Buoyant Swimsuits Make Water Safe For Bum Swimmers

SAN ANTONIO, Texas—When Carl W. Briscoe, a vehicle maintenance supervisor at Kelly air force base near here came across a National Safety Council report showing 3,000 persons died from drowning in the United States within a single year he decided to do something about it. His answer is an inflatable bathing suit.

Briscoe spent four years and more than \$500 of his own money perfecting a tiny stainless steel "pressure tank", not any larger than a pocket-sized cigarette lighter. It weighs only seven ounces when its replaceable cartridge is filled with three ounces of carbon dioxide.

The inflatable bathing suit designed by Briscoe has built-in storage cavities inflatingly connected to the pressure tank. A bather in distress who was wearing one of Briscoe's patented suits could save himself from drowning by pulling a short tasseled string at the waistline. The suit is inflated within two seconds.

Briscoe has conducted tests which show that his suit will support a 180-pound man in water. He feels certain that a 200-pounder could be supported in water if he was equipped with such a suit.

The National Safety Council at Washington, D.C., tested the suit by attaching a 45-pound weight to the container and inflatable compartments. Both will still float after remaining in water 72 hours.

Numerous business firms in North America and South America have made anxious inquiries about distributorship rights, manufacturing privileges, etc., and literally hundreds of individuals have sought to purchase inflatable suits for themselves and their families.

The suit isn't on the market yet. Neither the inflatable compartments nor container detract from the lines of a conventional bathing suit. The combined weight is so small as to be almost negligible.

Robins Build Nest Underneath Auto Hood

LEWISTON, Ida.—A motorist heard a funny noise in his engine and drove to a garage. There a mechanic lifted the hood—and a robin flew out. A week later the same motorist drove back to the same garage to have his gas tank filled and his oil checked. When the mechanic lifted the hood to check the oil, he found a robin's nest complete with three eggs.

Short Order Cooks Abound in U.S. Army

CLEVELAND—The army probably has more "short order" cooks than all of the country's diners put together.

The reason is that the army issues a midget stove to GI's as standard equipment, enabling them to prepare hot meals on the battlefield. The compact stove fits into one man's pack and is large enough to serve up meals for four soldiers.

Secret of the small stove is two tiny parts—a filler gasket and a check valve. Both are made of special rubber compounded by B. F. Goodrich Chemical company to resist expansion, gasoline, pressures, and grease. The filler gasket is inserted around the fuel tank cap, because a GI diving into a fox hole can't be concerned about leakage of highly inflammable gasoline. The check valve keeps air in the tank and gasoline out of the pump.

The army says the midget stove was used not only for hot meals in Korea, but also by GIs to keep their hands and feet warm.

Hubby Neglects Horse So Wife Gets Divorce

CLEVELAND—Because she testified that her husband's neglect led to the death of her horse, Mrs. Margaret Murray, 20, received an uncontested divorce from husband Bert, 41.

She testified that her horse, an Arabian named Sundown, was put away last March because she could not afford to buy medicine when he was sick. Her husband is a \$75-a-week automobile salesman. Mrs. Murray, married only one year, charged "gross neglect" and "extreme cruelty."

Common Pleas Judge Benjamin D. Nicola granted the divorce on grounds of gross neglect only. "Extreme cruelty applied only to the horse," he observed.

When Is an F.B.I. Man Not F.B.I. Man?

TAMPA, Fla.—W. C. King was arrested here recently for representing himself as an F.B.I. man.

He insisted in the court that he was perfectly within his rights as describing himself as an agent of the F.B.I., but the court thought otherwise and fined him \$50.

The argument that he presented in his defense was that as an employee of Florida Builders, Inc., he was truly a representative of the F.B.I.

Texas Farm Family Outlook Uncertain For Few Months

Weather, during the months just ahead, will have a tremendous effect upon Texas Agriculture in 1953. Most of the state must have above normal rainfall before producers can begin to plan for 1953 and next year's production. Scattered rains have been beneficial but general and heavy rains are needed.

According to C. H. Bates, farm management specialist for the Texas Agricultural Extension Service, the demand for products from the farms and ranches of the state will continue high during 1953 — especially the first half. Employment is at a record high level and total income of individuals is expected to rise slightly above 1952 levels. Government spending for defense, he adds, is scheduled to be higher during the first six months of next year and the increasing population rate is another favorable factor. The present population

of the nation is estimated to be 157 million and is increasing by more than two million annually.

Prices on the whole, says Bates, are expected to continue near the 1952 levels. Prices of some commodities may show further declines during 1953, especially where export demand is a factor. Cotton and wheat are crops with large export outlets. No sharp price drops are expected because of the present strong demands, says Bates.

Farm costs are expected to edge upward in the months ahead continuing the cost-price squeeze on farm operators. Farmers will need large amounts of machinery, tools, fertilizers, insecticides and other manufactured articles if high production is to be maintained. None of these is expected to be cheaper than in 1952. Except for some large machines, wire and fencing, ample supplies of production materials are in sight, says Bates.

Labor, says the specialist, will continue to be tight and farm wages, already at record levels, are expected to rise slightly. In some areas, seasonal labor shortages are likely to be more acute

than in 1952, particularly if weather conditions are favorable for seeding normal acreage of cotton and other "high labor" crops.

Feed supplies are extremely short in Texas and the Southwest, and producers should give special attention to building up feed reserves. Feed costs are likely to be unusually large this winter because of the local shortages.

The over-all picture right now is not a bright one, says Bates. But, he adds, good general rains would materially improve the situation. Bates believes that agricultural producers must take advantage of every opportunity to cut corners and hold down labor and other operating costs if they are to have a profitable year in 1953.



FIRST BAPTIST CHURCH
G. A. Errod, Pastor
Sunday School 9:45
Morning Service 11:00

Training Union 6:00
Preaching 7:00
Prayer Meeting 7:00
W. M. U. 2:30
R. A's. and G. A's. 4:00
Sunbeams 3:45
Brotherhood First and Third
Monday nights 7:00

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H. M. SECORD, PASTOR
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Junior and Senior MYF 6:15 P. M.
Evening Worship 7 P. M.
Midweek Prayer Meeting 7 P. M.

CHURCH OF CHRIST

Howard B. Stubblefield, Minister
Sunday Bible Study 10:00
Sunday Communion and
Preaching 10:50
Evening Service 7:00
Monday, Ladies Bible
Study 2:30 P. M.
Wednesday, Prayer
Meeting 7:00 P. M.

PRESBYTERIAN CHURCH
Sunday School 10:00
PREACHING
Each First Sunday 3:00 P. M.
Auxiliary every 1st and 3rd Monday in the homes of the members.



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BRISCOE COUNTY NEWS

Published Every Thursday at Silverton, Texas
M. E. Cavanaugh, Owner and Publisher

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Marine Corps Major Carl L. Sitter, winner of the Medal of Honor urges Americans everywhere to give Defense Bonds for Christmas gifts this year. Major Sitter, who is now an instructor at the Marine Corps School in Quantico, Virginia, can spend this Christmas with his wife, Ellen, and their 3 1/2 year old son, Michael. Last year he was fighting in the bitter cold of Korea and knows what it means to have the support of the folks back home.

Showing at Fore Motor Co., Tulia, Friday, Dec. 12



Smart, sleek lines accentuated by new jet-tube taillights and a new chrome molding through the center of the rear fender line are featured in the 1953 Ford Customline Fordor sedan. Outstanding mechanical feature is a new "miracle ride" which brings to the high volume field for the first time the smooth riding characteristics of heavier, costlier cars.

CARD OF THANKS

I wish to sincerely thank every one who helped to promote the blood program in Briscoe County.

Mrs. Lily Wofford, Briscoe County Chairman American Red Cross.

REMEMBER THE DATE, December 13, Library Book Shower.

Mr. and Mrs. Bud McMinn spent last weekend in Morton with Mr. and Mrs. Elmo Seaney. Mrs. Bud McMinn and Helen McJimsey were business visitors in Quitaque Friday.

Mr. and Mrs. Grady Wimberly returned home Friday from Dallas where they went on business.

Mr. and Mrs. J. N. Cantwell and daughter, Marie, also Mrs. J. C. Stunden and niece spent a few days at Erick, Oklahoma last week in the home of Mr. and Mrs. A. M. Hill.

Mr. and Mrs. Harold Seefeldt and children, visited Sunday in Anton with Mr. and Mrs. Troy Denison.

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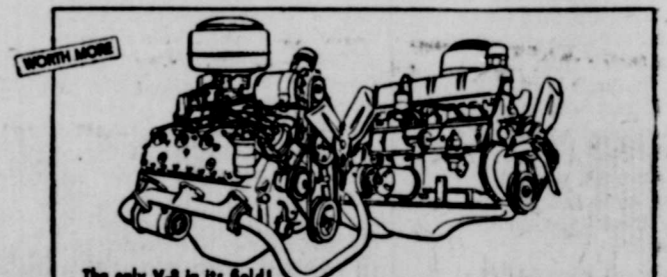
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CHOICE OF V-8 OR SIX ENGINES—Ford's 110-h.p. high-compression Strato-Star V-8 has a partner for thrifty "Go" in the 101-h.p. low-friction, high-compression Mileage Maker Six—only modern Six in its field.

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Those of you who have owned Fords in recent years have a hint of the many ways in which this new 1953 Ford sets an entirely new standard for the American Road.

In this new Ford you'll find a new Miracle Ride that sets a new standard of smooth, quiet comfort on level highways or roughest byways. You'll find the easy handling and great visibility you need for today's fast-moving traffic... the "Go" to master today's long-distance driving.

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New Miracle Ride brings you riding comfort at its level best! Not just softer springs and new shock absorber action, but a smoothly coordinated system of ride control elements that adjusts instantly and automatically to changing road conditions. It's a completely balanced ride... a ride that will give you an entirely new concept of driving comfort on level parkways or rough, rutted byways.



Shift to Fordomatic... and you'll never shift again. It's the finest, most versatile automatic drive ever. Ford also offers the smooth, thrifty Overdrive.



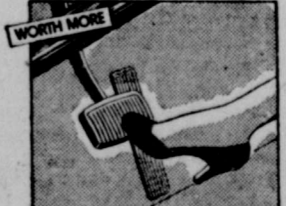
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CHRISTMAS CHEER

Dorothy Boys Killan

NAN RAYMOND, seated in white starched loneliness at the hall desk of Ridgedale's ten-bed community hospital, stared disconsolately at the tiny table tree which she had just finished trimming.

"Would it be just too much to ask you to take Christmas Eve duty for me, Nan?" Grace, the other night nurse, had asked her some days ago. "I know you aren't going to be able to get home for the holidays anyway, and my family is right here in town."

The urgent ringing of a bell broke in on her lonely dreams—the handbell of the patient in room two.

"Old Smithers! I wonder what long-winded complaint she'll have now," Nan groaned.

She opened the door. "Mrs. Smith, every grey hair in place, was sitting bolt upright in bed. 'I'm expecting a visitor tonight. Where is he?' the old lady snapped.

"If anyone asks for you, of course I'll bring him up," Nan forced herself to answer politely.

"It's almost nine o'clock, and Algeron wrote definitely that he'd make it for Christmas Eve," Mrs. Smith glared at Nan. "It's bad enough being here, let alone trying to celebrate alone."

"I'm not celebrating either, Mrs. Smith."

"Oh, you—you're young and strong, and well, this is your job." The woman sighed. "How well I remember Christmases when I was your age! Sit down a minute and I'll tell you about the time we—"

The old lady ignored her excuse.

"The time we invited the church choir to supper and to help decorate our tree before choir practice," she went on. "Well, somebody began a carol as he tied a popcorn ball to a branch, and do you know, before the last apple was hung on the tree, we had gone through our whole blessed program."

"Did you always put a star on the top of your tree?"

"Oh, my, yes," Mrs. Smith smiled. "I'll tell you just exactly what we did use for decorations. Let's see, now. There were the popcorn balls, and cranberry chains . . ."

When the doorbell downstairs rang suddenly, Mrs. Smith brought herself up in the middle of a sentence and chuckled. "Thank you for listening to an old bore, my dear. Now you just go see if that isn't Algeron."

A young man, bare headed, with coat collar turned up to meet a tousel of sandy hair, smiled at her through the gloom. "Are you the unfortunate gal who's taking care of my Granny Smith?" he asked.

An imperious voice called from upstairs. "Is that you, Algeron?"

The young man grinned at Nan.



"I'm expecting a visitor tonight. Where is he?" the old lady snapped.

"Awful, isn't it, but it does help to shorten it to 'Al.'"

Nan led her way upstairs. As they entered room two Mrs. Smith held out her arms affectionately to the visitor, saying at the same time, "You look startled, Miss Raymond. I'll wager you never dreamed an old fuddy-duddy like me could have such a personable relative."

"Well, I guess I did expect—"

"I can imagine what you did expect," Mrs. Smith laughed. "You won't be able to stay with me, as we had planned, but luckily, there's a decent little hotel downtown."

"Couldn't I stay at your house, anyway, Granny? A hotel's such a lonesome place at Christmas time," Al pleaded.

"The house is all closed up," Mrs. Smith answered. "But, never fear, just this evening I have found a local cure for loneliness." She smiled at Nan. "This young lady sat here this evening and put up so cheerfully with my long-winded reminiscences, that I talked myself right out of a horrible mood into a pleasant glow. If you go at it the right way, I'm sure she can do the same for you."

Al said quickly, "Would having Christmas dinner with me at the hotel be a good beginning, Miss Raymond?"

Trombone FOR Paris

By Shirley Sargent

STEVE ROLLED from the bed where Marge slept and started toward the living room. The glow of Christmas tree lights betrayed the children. Young Stevie—there was a boy for you—had one hand in his stocking, Julie was whispering, "Go on, see what's in it." Only Doris, the tall, older one, was quite still.

Paris turned just as Steve said "Merry Christmas," sarcastically. Young Stevie, with the engaging grin, whipped around, "Hi, daddy. Can we open our presents? It's almost daylight."

"Daylight, my foot—it's barely two."

"But Santa Claus has already been here."

"Bed," Steve commanded. Steve and Julie hugged him, leaving without argument, but there was defiance plain on Paris's face.

"Under the tree, dad, I don't see anything long and sort of curved."

That Paris, an odd one. An eleven-year-old kid wanting a trombone. It beat Steve. "I don't either," he agreed, meeting his son's eyes. "Look, you're too old to believe in Santa Claus, and too young to realize how expensive a trombone is."

Paris looked down at the mounds of gaily wrapped packages.

"Okay," he said in a flat, old-sounding voice "so I get a couple of new shirts and Stevie gets . . ."

"Stevies gets what?"

Paris ground his bare foot into the rug. "Nothin'. I was just talking."

"Good night, son," Steve watched Paris out of the room before he unplugged the tree lights and sank into a worn armchair.

Paris was right. Stevie had everything he'd asked for piled under the tree. Even an electric train. Cost a lot to keep a kid happy these days, but a trombone . . . Like the one out in the trunk of the car that was going back to the store first thing Wednesday morning. A man made only so much working in a laundry, trying to save enough to buy a half interest, so Marge went ahead and bought a Trombone without a by-your-leave.

First Paris had to have lessons, then a rented horn to practice on. Now he wanted one of his own. Paris, a funny kid. Never listening to the football games like Julie and even Stevie did. Always wandering off for hikes and bringing home strange, ragamuffin kids. Happy when he could tinker with all radios, happier yet when he could listen to highbrow music. That stuff. Steve didn't understand him and that was a fact. From



"Look, you're too old to believe in Santa Claus."

a distance he heard the voices of carolers and, upstairs, the wavering notes of the rented trombone. That Paris!

EVEN AS STEVE swung up the stairs, to the attic; he heard the sureness in the music. At first Paris had practiced in the attic by request, but Steve had to hand it to him. He had worked hard; two-three hours a day until he could really play. Looking in on him now, Steve saw that the rented instrument gleamed.

"You love to play, don't you?" Steve asked.

A smile the like of which Steve had never seen before crossed his son's face. Then, shyly, "Mr. Baxter wants me to play in the school band."

It was hard to keep his pride from showing, but Steve only said heartily, "That's fine, Paris," before sending him back to bed.

Steve went downstairs, searching under the tree until he found young Stevie's electric train. The box was heavy in his hands as he considered. Toys didn't matter too much to Stevie—he liked active things, in which a father could share.

When Steve came back in from the car, he felt like Santa Claus as he put the shiny leather case that was long and sort of curved under the tree. A trombone for Paris.

Tuberculosis Victims Can Live Out Normal Lifetime

Tuberculous patients have excellent prospects of living out a normal lifetime provided the disease is detected early and they receive adequate treatment and careful medical supervision afterwards. This is shown by the experience of a life insurance company in controlling tuberculosis among its employees long before the introduction of the new anti-tuberculosis drugs.

The use of systematic case-finding procedures at the home office of the company is reflected in a reduction in the incidence of new cases from 5.5 per 1,000 in 1929-1932 to only 0.3 per 1,000 in 1946-1951, or a decline of 95 percent. Moreover, most cases were detected early. No less than 70 percent of the cases discovered in the past two decades have been in the minimal stage; only three percent were far advanced.

Employees found to have active tuberculosis were treated promptly and well. Every effort was made to keep them under sanatorium treatment until they were ready to return to full time employment. Consequently, for all employees treated for pulmonary tuberculosis at the company's sanatorium between 1919 and 1945, 58 percent were in satisfactory condition on discharge, and of the minimal cases no less than 73 percent. Only one percent of the cases admitted with minimal disease died at the sanatorium.

Ancient Afghan Valley Reclaimed From Desert

In sun-seared valleys of a river that never reaches the sea, American dam builders are helping the one-time "Secret Kingdom" of Afghanistan reclaim an ancient gardenland.

A huge irrigation project, begun six years ago, is nearing completion along the Helmand River and a tributary, the Arghandab, in the barren rocky foothills of southern Afghanistan.

To aid in settling pastoral families on the newly reclaimed land, a team of American agricultural experts will take part in joint development of the Helmand Valley. The project is sponsored by the forward-looking government of Afghanistan, the United Nations and the Point Four technical assistance program of the United States.

The reclamation project follows guidelines of forgotten centuries. Where earth and concrete dams, irrigation canals and ditches appear today, similar systems once watered fertile fields of empires that were old when Darius and Alexander, Genghis Khan and Timur the Lame marched across this battleground of Central Asia.

The Helmand River may once have been the rival of the Nile, the Tigris and the Euphrates as a seat of early civilization.

Heat and Height

The temperature rises to high values at great altitudes. From about 28 degrees below zero, F. at 55 miles, it gradually increases to about 4000 degrees at 400 miles, and may reach even higher values at greater heights. However, even though the temperature is high, this is not very hot, for temperature has a different meaning under such conditions. It refers to the average speed of the molecules of which the air is made. With the density of air at sea level, the faster they are moving, the hotter it is. At an altitude of 400 miles the density is only about 1/700,000,000,000th of sea level air, really a very high vacuum. So few molecules are present that, in spite of their rapid motion, they have no appreciable heating effect. The temperature that an object would assume in outer space would depend mainly on the radiation it absorbed from the Sun, or some other star that was nearby.

Smallest Star

The smallest star seems to be a very faint star, visible only through large telescopes, in the constellation of Monoceros, the unicorn, a group visible in evenings of late winter to the east of Orion. The star, known only by its catalog number, L 888-6, is believed to be about 2500 miles in diameter, which is only slightly larger than the Moon, and smaller than Mercury, the smallest planet. Yet into this tiny sphere is compressed some 40 per cent more matter than the Sun contains, so its density is extraordinarily high. Its discoverer Dr. W. J. Luyten, of the University of Minnesota, and Dr. E. F. Carpenter, of the University of Arizona, estimates that it is 55 million times as dense as water. A match-box, full of the stuff in this star, would weigh 1000 tons on Earth.

Ancient Painting

In his book on painting, written about the year 1400, Cennino recommended that some of the latex (milk-like fluid) contained in fig trees—or some freshly cut fig tree twigs—be added to the white or yolk of eggs used for the binding of painters' colors. This apparently strange usage can possibly be explained by the fact that fig tree latex contains a ferment which catalytically disintegrates the cell membranes present in the egg-white or yolk. Such chemical action would impart a high degree of fluidity.

United States Trade Rides On Carbon Black Super Soot

Carbon black, nothing more than a "super soot," is a relatively scarce critical material, yet so vital in the civilian economy the Federal government dares not stockpile it.

Tires made without carbon black would do well to roll 5,000 miles. With carbon black in their composition, they are good for 30,000 miles and more.

Because tires and other rubber products needing carbon black to toughen them are so important in the everyday life of the country, the government hesitates, as it does in the case of iron ore, to increase the present shortage by amassing supplies for emergency use.

The ancients knew an impure form of carbon black in the messy soot which caked the rocks of their hearths. They used it for prehistoric cave drawings. Egyptians printed papyrus with it. It gave blackness to the ink used to print the first Bible, and it is indispensable in the manufacture of modern high speed printing inks.

Carbon is found in nature as diamonds and graphite, both crystalline forms. It exists in combination as one of earth's most widely distributed and important elements. Carbon black, an uncrystallized form of carbon, is generally manufactured by burning natural gas with insufficient oxygen to consume the component carbon, which is deposited as carbon black on the ceiling or walls of the combustion chamber.

Centers of carbon black manufacture in the United States are the oil fields of Texas, Oklahoma, and Louisiana, since natural gas is found in satisfactory quantity in oil-bearing sands and rock.

Petrochemistry Lights Industry's Magic Lamp

Alladin rubbed no brighter lamp than the test tubes and retorts from which, jinni-like, a new word has joined the language—"petrochemistry."

The word appears in few dictionaries as yet, though it is widely used in industrial journals. In the daily life of 155,000,000 Americans, however, the magic of petrochemistry is at work wherever they turn.

In oil unlocked from the earth are raw materials that are increasingly being transformed into man-made articles. These raw materials are the petrochemicals.

When Colonel Edwin L. Drake drilled his famous oil well near Titusville, Pennsylvania, in 1859, the automobile had yet to be built, ships ran by coal or wood or sail, and no one guessed that within a few generations the world would use billions of barrels of petroleum for fuel alone.

A prophet who might have predicted that furniture polish and strange plastics, medicines and munitions, insect killers and women's stockings would someday be made from the gummy black substance in the ground would have been laughed down.

Yet today these and thousands of other products in daily use are made from petroleum and the by-products of petroleum. A recent estimate put the figure at more than 5,000 such products.

Soaring

Soaring, as a sport as well as a science, was largely neglected in the first two decades of the aviation age, in favor of motor-powered aircraft. By the middle 1920's, however, its revival was being sparked by Germany. Soaring clubs sprang up across Europe. Slowly records crept upward: in endurance, from minutes to hours; in distance, from tens of miles to hundreds; in height, from hundreds of feet to thousands. Headquarters of soaring in the United States has long been Harris Hill near Elmira, New York. Until 1940, there were only a handful of sailplane owners in this country, but World War II taught thousands of pilots to handle gliders. Today, scattered across the U.S., are dozens of soaring clubs. High altitude eddies such as the Sierra Wave are known to occur in other parts of the world, as when gales from the Mediterranean sweep across the Alps. Americans, however, have been the first to ride them. On the wings of the wind alone, daring pilots are soaring half again as high as the top of Mount Everest, world's highest mountain.

Hormones For Pets

Hormones are employed to correct glandular disorders in pets, as in human beings. In addition, hormones have several special uses in medicine for pets. Though it will not put new hair on bald humans, male hormone (testosterone) improves the coats of male dogs. Stilbestrol (synthetic female hormone) is used to halt urinary incontinence in bitches. Testosterone injections are utilized to keep unweanable males away from spayed female cats and dogs.

Aspirin and Flowers

Does aspirin help to preserve cut flowers? No. Tests have shown that it has no such effect. However, there are commercial products available which do keep cut flowers presentable for longer than usual. These work by slowing the maturing process in the flowers.

CITY GROCERY

Silverton, Texas



SPECIALS FOR FRIDAY SATURDAY

PINEAPPLE JUICE	DOLE, 46 ounce can	30c
Vanilla Wafers, 12 ounce bag		20c
BLACKBERRIES, NO. 2 CAN		29c
Kleenex, 300 Size, 2 boxes		55c
SUGAR PEAS	DEL MONTE No. 303 can	20c
Baby Food, 12 Cans		\$1.00
SWEET POTATOES	DURAND, No. 303 Can	19c
Flour, Kimbells, 25 pounds		\$1.89
Potatoes	No. 1 RED, Per Pound	5c
Spam, 12 ounce can		49c
Bacon, Sliced, Pinkney's, Special Pack, 1 lb.		44c
Beef Roast, Chuck or Arm, pound		49c



A captive for freedom's sake!

THIS MASSIVE, helium-filled balloon rises clumsily to float, captive, 900 feet above the Coast Guard Cutter, *Courier*. Carrying powerful radio antennae, to broadcast the Voice of America behind the Iron Curtain.

It saves something out of every check before you have a chance to spend it.

HERE'S HOW E BONDS NOW EARN MORE MONEY FOR YOU

Now safe, sure U. S. Series E Defense Bonds pay an even better return than ever before . . . thanks to 3 brand-new money-earning features announced by the U. S. Treasury.

1. Now every Series E Bond you get begins earning interest after only 6 months. It earns 3%, compounded semiannually, when held to maturity. It reaches full maturity value earlier (9 years 8 months) and the interest it pays is bigger at the start!
2. Every Series E Bond you own can now go on earning interest for 10 more years after it reaches the original maturity date—without your lifting a finger!
3. During the 10-year extension period, every unexpired bond earns at the new, higher interest (average 3% compounded semiannually). Your original \$18.75 can now repay you \$33.67. \$37.50 pays back \$67.34. And so on.

Start now! Invest more savings in better-paying Series E Bonds—through the Payroll Savings Plan where you work or the Bond-A-Month Plan where you bank!

Peace is for the strong. For peace and prosperity save with U. S. Defense Bonds!

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Landlords Always Have Been Nemesis Of Their Tenants

CHICAGO—No modern tenant will believe this, but the landlord today is an angel with a plastic halo compared to landlords of ancient and medieval times.

Now, tenants complain of high rentals, dripping faucets, and falling plaster. Hundreds of years ago they really had something to complain about: bondage, exploitation, unfair appropriation of their agricultural yield.

History research experts tell how Athenian aristocrats in the early days of Ancient Greece "forced the farmers who rented their fields to pay them five-sixths of their produce and live on the beggarly remnant. Moreover, if the poor peasants failed to pay their debts they were sold by the nobles as slaves."

Historians also describe the ruthless treatment accorded their tenant-farmers by the Ptolemies of Hellenistic Egypt, as follows:

"The peasants who worked on the land merely rented it of Ptolemy, paying him exorbitant land-taxes for the privilege. As soon as the grain was ripe, state officials evaluated it and determined the amount the peasant must pay the state before any belonged to him."

"In Medieval England, the villeins (peasants) rented scattered bits of land from the lords of the big estates, or 'manors' as they were called at the time.

"The peasant had to trudge from one bit of land to the other to do his day's work. He was bound by law to the land on which he was born and forced to pay rent."

Apparently, the only one to give the renter a break between the Age of Pericles and the Age of Rent Control were the medieval monks who expected of the peasants who rented from them only a fair return from the yield of the land.

Soldiers in Korea Call This Taximan

HOLYOKE, Mass. — Taximan George Hamel advertised: "Tell us where you are—that's all we want to know. We'll take you where you want to go safely, comfortably."

He got a fast letter from 22 soldiers in Korea: "We are 16 miles north of the 38th parallel on the main supply route, third fox-hole on the right, off in a rice paddy with very little water in it. Please pick us up as soon as possible."

Cowboy Boots Harm 'Westerners' Feet

URBANA, Ill. — If young Bobby is going through a period of being a wild and woolly westerner, the chances are he's tearing for a pair of fancy cowboy boots.

Regulation cowboy boots were originally designed for men who sat in the saddle all day, and not for active youngsters who run and play for hours at a time.

High, sloped heels and pointed toes aren't made for growing feet. However, it is possible to find shoes of good last with the high tops and fancy trimmings so dear to the juvenile heart. Look for a regulation heel, a rounded toe and soft leather that won't rub tender skin, and the small fry can have their glamour and their comfort too.

Girl's Sharp Eyes Delay Her Luncheon

ST. LOUIS—The sharp eyes of Miss Georgia Theodore kept her busy during her lunch hour one day recently.

It began when she found a \$2.066 check on the street. She returned it to an official of an investment firm to which the check was made out. He was frantically searching his pockets.

Next, just as she stepped out of the investment firm's building, she espied a wallet lying beside a parked car. She restored it safely to its owner who happened to be getting out of the automobile. She did not tarry to learn his name. She waited some time to eat her lunch.

She walked two blocks and noticed a woman's purse on a newsstand where it had been forgotten by the owner. That was too much for Miss Theodore in one lunch hour. She left the purse lying where she saw it without trying to chase down its owner.

Father of Nine Draws Smallest Fine Ever

CHATTANOOGA—Federal court personnel cannot remember a smaller fine being levied in their court than that against Walter Cobe, 42. Cobe is the father of nine children.

Cobe, who lives in Guild, Tenn., had entered a plea of guilty to a charge of selling, possessing and consuming liquor.

Judge Leslie R. Darr, on the recommendation of the district attorney, imposed a fine of "one cent in lieu of costs."

Coffee Break Aids Morale in Hospitals Across US

The "coffee-break," fast-spreading, twice-a-day ritual in U. S. industry and commerce, has moved into the nation's hospitals and the doctors and nurses love it according to recent survey of 113 hospitals in 14 leading cities.

Some 77 per cent of hospitals visited reported daily or twice-daily coffee breaks. No city among those checked was without at least two hospitals where time out for coffee was a standing policy.

Of the 14 hospitals visited in the Detroit area for instance, all reported authorized coffee breaks. Scores of 100 per cent were similarly chalked up by Salt Lake City, San Francisco, New Orleans, Dallas and Denver, where hospital spokesmen were unanimous in their praise of the coffee-rest period for its proven benefits to the morale and efficiency of the personnel.

Typical of reactions to the hospital coffee break was that of the director of special services at Malden hospital, Malden, Mass., who said, "coffee periods make for better personnel relations and efficiency and improve general morale."

Although acceptance in hospitals of the coffee break is considered by most as a relatively recent reflection of its adoption by commerce and industry in recent years, the survey revealed this to be untrue in at least one case. One hospital, for example, among those checked, the Georgia Baptist hospital in Atlanta, reported that the coffee break had been in practice there since 1901.

Damascus Steel Is Held Inferior to Modern Kind

Best of its day, steel of the famed Damascus blade that flashed in the sun of Bible lands against the Crusaders of medieval times nevertheless is greatly excelled by the product of modern steelmakers.

The Damascus alloy was of iron and carbon, laboriously smelted and as varying in properties as the natural ore. Modern steel is amalgamated with metals of which the ancients never dreamed, is manufactured in unvarying quality, and surpasses the Damask product in strength, pliability, and willingness to stay sharp.

Saracens wielding swords of Damascus successfully barred the road of Jerusalem, goal of the zealous European Christian knights, through all the ancient Crusades. British General Allenby took the Holy City at last in the first World War, in an age when the rifle had replaced the sword.

The steel of which the early Damascus blades were made—the wootz of Hyderabad, called ordanick by Marco Polo—came from India by dhow and camel caravan to Damascus and other Middle Eastern cities. There it was wrought into graceful weapons by the armors of the teeming bazaars.

Thin strips of Indian steel and base iron were bound together and fused by heating and pounding. Other strips were added.

Painting With Lightning
Much research in the field of paint application is behind the development of a new method of employing high electrical potentials. Like many revolutionary discoveries, it's based on the application of elementary principles. When electricity reaches a certain potential it will discharge. Lightning is an example. This principle is applied to the new method of applying coatings. The article to be coated is carried by the conveyor past a radically new type of spraying "head." A source of electrostatic high potential having one terminal grounded and the other connected to the head creates a strong electrostatic field between the head and the article to be coated. As the product enters the sphere of influence, the irresistible attraction causes the paint to be drawn from the head in the form of a fine spray and deposited on the product.

Oldest Inhabited City
Damascus, fifty miles from Beirut and the capital of independent Syria, was founded no man knows when and may be the oldest city of earth still inhabited. Always those who lived there have needed good Damascus steel weapons. Its streets have echoed to the conquering tread of Israelites, Assyrians, Macedonians, Egyptians, Romans, Omriads, Carmathians, Seljuks, the Crusaders, Mongolians, Ottomans, and the French. One of the armoring industry's chief patrons was the Roman Emperor Diocletian (A.D. 243-313). The craft perished in 1401, when Tamerlane carried off the smiths. Modern successors of those ancient artisans are gold and silversmiths, and craftsmen who produce inlays of wood, brass and copper.

Kangaroo Rats
Kangaroo rats, pocket mice, prairie dogs, gazelles, and dozens of other desert animals, pass their whole lives without touching a drop of water. The liquid necessary for their bodily needs is obtained through chemical action in their digestive tracts whereby some of the starchy parts of their food are changed into water.

Long Deceased Handshaker Is No Politician

DUBLIN—The most shaken hand in the world today is the hand of a man dead these past 1,000 years. The corpse is a tenant of one of the queerest little houses of its kind in all the world, an ancient vault holding nine bodies that will never decay.

Unique Vault
Exposed to public gaze in this unique vault are four tenants nobody knows. They died hundreds of years ago. They lie in their lidless coffins beside the closed caskets of the other five.

In this vault (and in the other vaults and passage-ways beneath this old Church of St. Michan's) the human body is partly mummified by something unknown—something in the atmosphere.

"There is no satisfactory explanation," says the Reverend E. J. Young, an authority on the church's history.

All parts of the body except the hair remains. The skin becomes a sort of parchment. The fingers remain as in life, with the nails intact. And to bring good luck, the tourist shakes the oldest hand of all.

Old Irish King?
This oldest of the corpses—an old Irish King, perhaps, of a warrior of the Second Crusade—has endured for almost 1,000 years. He is a big muscular man. The features of his face are the same as they were in his lifetime, but the dust and Anno Domini have turned him grey.

"The Crusader" they call him, because he was confined Crusader-style, with legs crossed. Like his companions in death he is bald—and if he weren't, he soon would be, from the strain of shaking hands with dozens of people daily.

This contact with the hands of the living has kept his fingers dust-free and his nails polished.

He lies at right angles to the other three—two women and another man. One of the women is said to have been a nun, and the other to have been a girl of about 17.

A murdered landlord is here—and two executed rebel brothers of the Rising of 1798. The brothers were brought here for safe custody. The law had beheaded them. For a time their bodies stood upright, with the severed heads on the ground.

Bobbie Brooks Knits

stripes are news
— in KNITS
like these

BOBBIE BROOKS takes you to a new high in fashion flattery with this charming new suit dress—delicately striped in wonderful color combinations. Double breasted button front... modified dolman sleeves... and the all-important midlength jacket. All yours in 100% zephyr wool chenille... in sizes for misses and juniors.

OUR EXCLUSIVE *Paula Brooks*
as featured in Glamour

Asset Cardigan... striped jacket of textured cotton, trimmed with redwood wool jersey and braid; matching jersey scarf, solid rayon gabardine skirt. Black top combined with white, brown, or royal... all with black skirt. A Paula Brooks design. Sizes 10 to 20.

Divorce Rates Recede From New Record High

NEW YORK—Divorce rates in the United States and many other countries have receded from the record highs reached immediately after World War II, and indications are that the decline will continue during the next few years.

In only a few countries, however, have the divorce rates returned to their prewar levels.

In 1950 about 386,000 marriages were legally dissolved in the United States. This was a decrease of two percent from the 1949 figures, and 39 percent below the record 1946 figures. Still, the 1950 divorce rate of 2.5 per 1,000 population exceeded that for every year prior to 1943 and was two-fifths above the figure for the 1935-1939 period.

The trend in most Western nations has been similar to our own. In general, there was a sharp upswing in divorces during the war and immediately thereafter. In Denmark the divorce rate doubled between the 1935-1939 period and 1946. In the British Commonwealth nations, France, Germany, and several other European countries, the upswing was even sharper during that period.

Wait Before You Roll Dice—Here Are Odds

SCHENECTADY, N. Y. — Scientists of a research laboratory recently computed that the chances of throwing a seven with a pair of dice are as follows:

Each die has six sides so there are six times six, or 36, possible ways of rolling a pair of dice. A seven may be obtained as 1 and 6, 2 and 5, or 3 and 4, and as these numbers may be on either die, there are six possible ways to roll a seven. Therefore, if the dice are fair, the chances of a seven are six in 36, or one in six.

There is only one possible way to get a two or a twelve, so the chances of these numbers are one in 36. For others the chances are as follows: 3 or 11, 2/36; 4 or 10, 3/36; 5 or 9, 4/36 and 6 or 8, 5/36.

Lazy Burglar Offers Lazy Man's Excuse

WASHINGTON, D.C.—Hosea Savoy was arrested by police for burglary. The charge was that he had broken into the same store three times.

Asked why he had limited his burglaries to one store, Savoy explained with a straight face: "It was near my home and I didn't have to walk so far to work."

The jury did not consider this a reasonable defense.

Bobbie Brooks Knits

Our NEW Casual Gardigan "Crest" Coat

w-o-n-d-e-r-f-u-l!

mynette
about your life

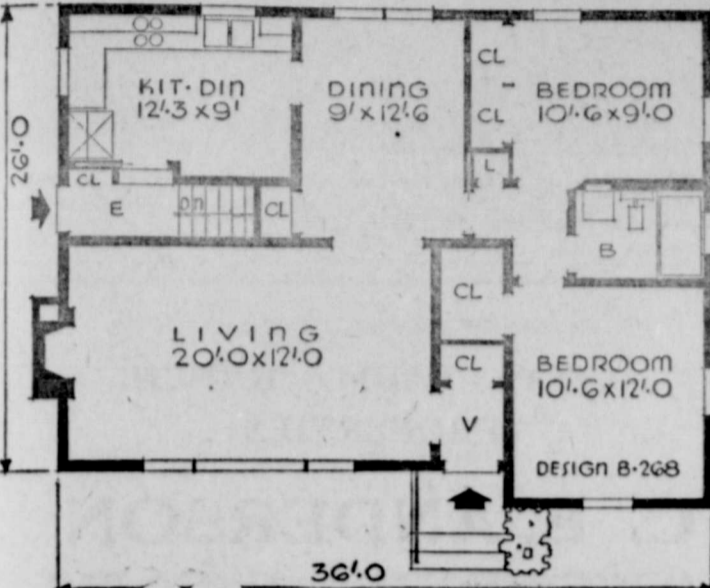
TWEED
is fashion news
in young half-sizes!

Our new season favorite... and it will be yours, too. For this wonderfully slimming coattress by Mynette has everything to make it the No. 1 item in your fall wardrobe! It speaks fashion news at every turn... the surface interest of slubbed tweed (rayon-acetate), the many expensive details that give this dress a "twice-the-price" look. Braid trim on bodice tabs, cuffs and skirt pockets. Glorious new shades in proportioned-to-fit sizes 16½ to 26½.

So very new... and already a fashion favorite everywhere! BOBBIE BROOKS styled it of finest 100% zephyr wool... with a casual collar and three roomy square pockets. The colorful jeweled CREST adds a dressy note. All in all, so beautiful you'll wear it 'most everywhere you go. Choose yours in white, red or navy in sizes small, medium and large.

Style Shoppe
MRS. MOLLIE A. MORTON, OWNER
SOUTH SIDE SQUARE FLOYDABA, TEXAS

A HOME TO LIVE IN



Design B 268. This plan shows a separate dining room in addition to living room, two bedrooms and a combination kitchen-dinette. The location of the dining room provides cross light through the center of the house.

Kitchen cabinets have a window over the work counter and one over the sink with refrigerator and stove built into the counter.

Coat closets are located at each entrance, a large walk-in closet in the front bedroom, wardrobes in the other bedroom, linen cabinet in the hall and closet over the stairs.

Exterior finish includes siding, asphalt shingles, brick chimney and picture window. Floor area is 959 square feet and 18,221 cubic feet.

4 Texas 4-H'ers Win State Honors

DISTINCTIVE 17-jewel watches were awarded four Texas 4-H Club members for achieving top rating in Texas for work in the 1952 National 4-H Dairy Foods Demonstrations and Entomology. The winners and brief resumes of their records follow.



Marlene Crofford Mary Wendland
Tops in Dairy Foods Demonstrations in Texas were Marlene Crofford, 17, Rule, and the team of Mary Blanche Wendland, 16, and Bernadine Hoelcher, 15, both of Robstown. Appreciating the importance of milk for good health, they have utilized many new and palatable ways of varying the diet by the use of dairy products. Marlene Crofford gave the best individual demonstration on dairy foods in the state this year. She presented "Eat Your Milk and Drink It Too," to home demonstrations clubs, 4-H Clubs and homemaking classes at school. Mary Blanche and Bernadine's prize-winning demonstration was "Let's Have Easy-Do Cheese Cake". They showed how simple it is to make a delicious cheese cake and stressed the nutritional value in the ingredients, butter, cottage cheese and cream. Chosen state winners, each girl was presented with a 17-jewel wrist watch by the Carriation Company. In carrying out the objectives of this program, the teen-agers learned how to speak well in public, developed poise, good sportsmanship and teamwork. They have likewise performed a genuine

B. Hoelcher John G. Thomas
service to their communities. John G. Thomas, 16, of Wellington, was selected by the State Club office as having the most effective 4-H Entomology program in Texas during 1952. The award, a 17-jewel watch, was provided by Hercules Powder company. This program and its study of insect life, opened new vistas and experiences to John. He has specialized in bees and has helped more than 90 people in his county with catching swarms, transferring bees, and inspecting hives for disease. When disease is found he combats it scientifically. He often acts in an advisory capacity and gives talks on bee culture and care. In 1952, with his father's help, he organized a County Beekeepers Association with the aim of learning to control bee disease, learn types of management of bees, and encourage the use of bees as pollinators. John has built his own stock of bees to eight colonies, which he hopes will produce more than a ton of honey this year. Through working with experts and with his own hives he has become an authority on bees. He has been president of his local club for four years.

All these programs are conducted under the direction of the Cooperative Extension Service.

Home Workshop Dangers As Real as in Factory

Millions of men and women who escaped death and injury in the garden and backyard during the summer are now turning their attention to the basement workshop.

These amateur carpenters and handymen will tackle everything from repairing the leaky roof to building a new room in the attic.

And the fatalities and injuries—which reached 13,000 last year—are expected to hit an all-time high this winter, according to Floyd E. Frazier, safety director for the National Association of Mutual Casualty Companies.

"A circular saw in the basement is just as deadly as one in the factory," Frazier points out. "You can lose a finger, a hand or an eye, by just one careless move. The association works to prevent accidents so that savings can be returned to mutual insurance policyholders."

Frazier offers these simple precautions to reduce home accidents:

1. Concentrate on what you are doing. Don't be distracted by a radio or conversation.
2. Wear safety shoes and goggles when appropriate.
3. Keep tools and equipment in good condition.
4. Have good lighting over your workbench.
5. Have locks for electric switches if there are children in the house.
6. Keep your working area clean. A spark from a cigarette will find sawdust highly combustible.
7. Keep first aid equipment handy.

Einstein Shift Expedition Completes Work in Africa

From half way around the world, Yerkes Observatory astronomer Dr. George Van Biesbroeck has reported to the National Geographic Society that his "Einstein Shift" expedition reached its goal.

With a completed set of photographs of the night sky over Khartoum, capital of the Anglo-Egyptian Sudan, Dr. Van Biesbroeck obtained the data with which he hopes to verify that light from the stars can bend in space.

"Today, only 95 degrees Fahrenheit in the shade, we began taking down the telescope, which we found in good operating condition in spite of a heavy layer of brown desert dust," the Chicago University astronomer and physicist wrote.

The telescope had been set up last February to photograph the stars during the February 25th total eclipse of the sun. Recently Dr. Van Biesbroeck returned to Africa to record the same stars in the same relative position in the sky, but minus the sun.

By comparing the two sets of pictures, he hopes to measure accurately the apparent displacement of the stars which, years ago, Dr. Albert Einstein predicted would be caused if star light passes close to the sun.

Dark of the Moon

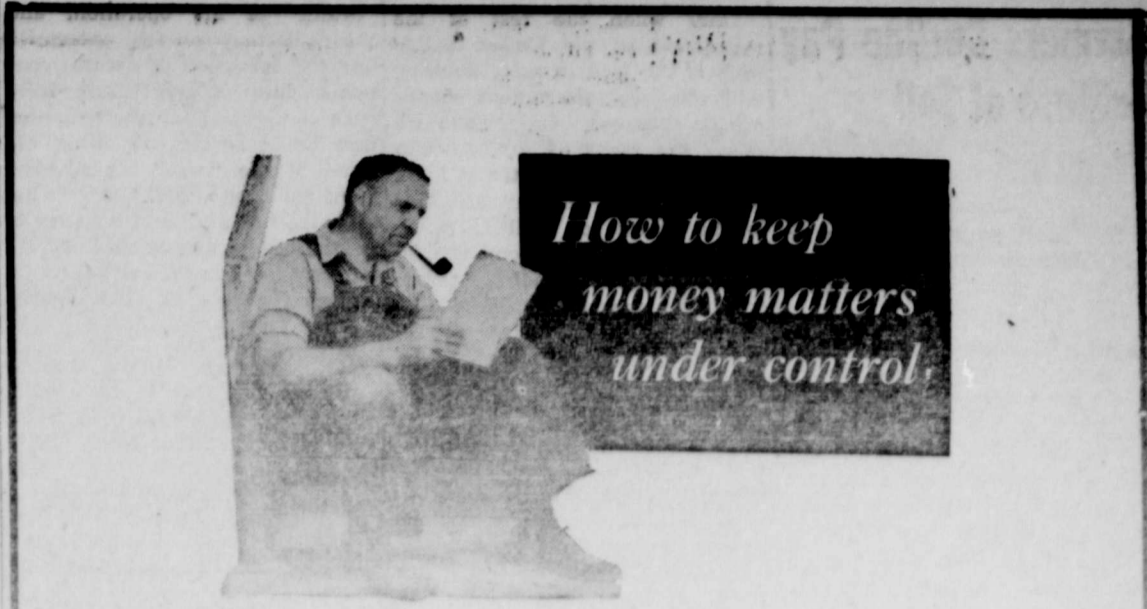
The best proof that the Moon has no light of its own is that the half of the Moon on which the Sun's rays are shining is always bright, while the opposite half is always dark. At the new phase the Moon is nearly between the Earth and the Sun, the Moon's sunlit hemisphere is turned away from us, and we cannot see it. A few days later it has moved a little to the east of the Sun, so it remains visible in the west after sunset and a narrow crescent of the bright half is turned to our view. At this stage we can often see the dark half shining with a faint light, but this is due to "earthshine," or light from the Sun which the Earth reflects back to the Moon. At full Moon, when it is opposite to the Sun, the entire illuminated portion is visible from Earth.

Electricity From Atom

Has electricity been made from atomic energy? Yes, this was accomplished for the first time, as far as we know, at the Atomic Energy Commission's testing station in Idaho on December 20, 1951. Heat, generated by splitting atoms in a reactor, was carried by a molten metal to a boiler where water was turned to steam. This, in turn, was used to drive a turbine generator, producing electricity. About a hundred kilowatts of electrical power were generated, which is very small compared with the output of tens of thousands of kilowatts by a central station. Power generation by this reactor was only incidental to the main experiments, for which it is being used.

Dispute Over Name

At the 1949 conference of the International Union of Chemistry, held in Amsterdam, it was decided that the element called "tungsten" in English-speaking countries, and "wolfram" in others, would be officially known by the latter name. However, "tungsten" had become so well established that the decision was not accepted in the United States. At their 1951 session in New York the Union decided to recognize both names. The official list of elements, in the 1952 report of the Committee of Atomic Weights of the American Chemical Society, includes only the name "tungsten."



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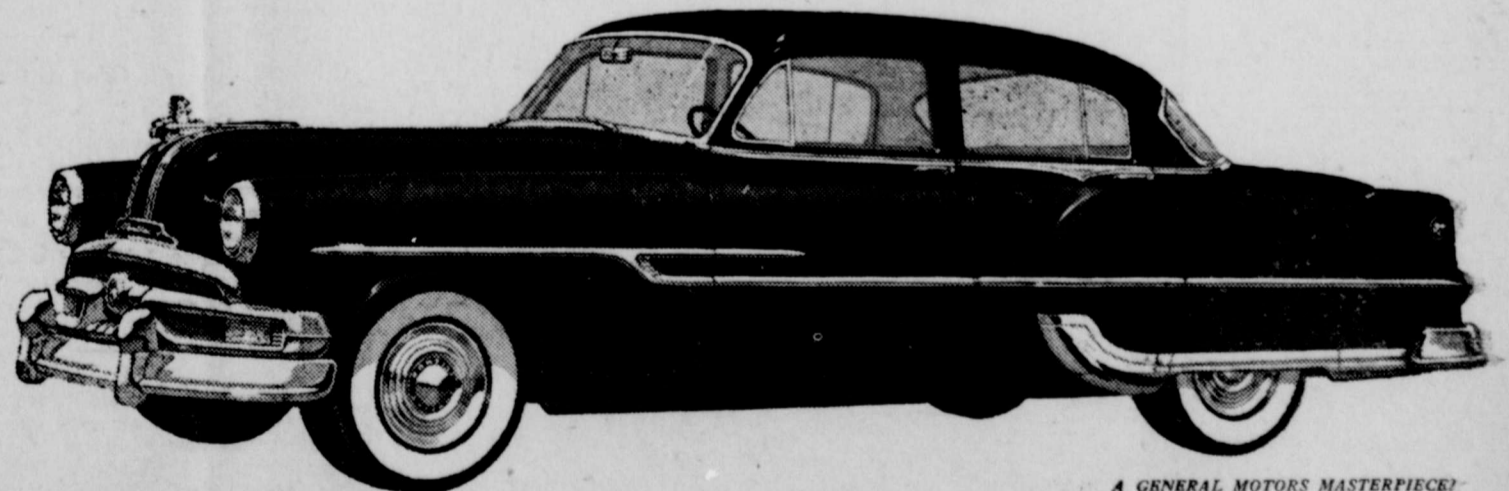
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Farmers Decline Pay Feature of Soil Program

"We don't want you to pay us for doing something we should have sense enough to do anyway"

That, in effect, is the message farmers of Curry county sought to convey to the United States government Saturday when, at the Farm and Livestock Bureau convention, they passed a resolution favoring discontinuance of payments for present annual conservation practices.

Farmers in this area believe that the research and service features of the government's conservation program should be continued and so declared in their resolution, but they also believe that reduction of federal expenditures for less essential government activities is necessary, and voluntarily recommended that they cease receiving payment for practices which are simple evidences of good farm management.

Only when the rest of the population of the United States follows the lead in such thinking will effective government economy be achieved. Only when we reach the point of saying, "I'm willing to turn in my ticket for a free ride, and put my shoulder to the wheel for a little pushing," will the cumbersome vehicle that government spending has become stop moving us all toward the inevitable precipice of financial destruction, and be deflected onto a route of sane travel.

Commendation from every resident of the area is due to the farmer group which had the foresight and the courage to decline further payment for protecting the soil and the natural resources upon which, ultimately, we all depend.

Farm Bureau members also went on record as opposed to any form of socialized medicine, which, if you stop to think of it, is an attitude closely allied to their stand on conservation payments.

The farmer has had a taste of government concern for the

"health" of his operation, and the restrictions on free enterprise and the operation of natural economic laws which result from such concern. It is small wonder that he is seeking to shrug off some of the "care" his government has been exercising over his business and at the same time is determined to escape similar "attention" to his physical needs.

The (Clovis, N. M.) Curry County Times.

Mr. and Mrs. Milton Dudley and daughter, Connie, spent the weekend in Lubbock with their daughter, Mr. and Mrs. Carol Davis.

REMEMBER THE DATE, December 13, Library Book Shower.

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New International Bureau Promotes Safety at Sea

Sailor's age-old dreams of one day setting out on their voyages with full and accurate information of the seas they must cross approach reality nowadays, thanks to the little-publicized international Hydrographic Bureau in the tiny principality of Monaco.

The Bureau, of which the United States and 27 other countries are members, recently met in its sixth conference. Founded in 1921, its high purpose is "to render navigation easier and safer in all the seas of the world."

It does this in many ways. Among them, it seeks standardization of charts and other navigational aids issued by the various maritime nations. It serves as clearing house for information that comes to it from members, and it uses its good offices in such important undertakings as the current effort to coordinate the geodetic grids of all the high seas.

Formal cooperation between seafaring states is comparatively new. Jealous of rivals for commerce and colonial empire, nations traditionally kept secret the information picked up by their merchant sailors and their navies.

The "Pathfinder of the Seas," U. S. Navy Lieutenant Matthew Fontaine Maury, was one of the first to realize that steam vessels would soon shrink the world areas, and that mariners would no longer be able to go it alone.

Cross-Eyed Child Suffers Needlessly, Expert Says

A cross-eyed child suffers a needless handicap—he can be helped, says Pauline Brimhall, health specialist, University of Illinois. The younger the child, the easier it is to help him.

Don't assume, as many do, that the young child will just out-grow crossed eyes. He won't. Don't assume either, Miss Brimhall warns, that because one or both eyes turn only occasionally, or when the child is tired, it is unimportant. Many cases of "squint" are of this type.

The important thing is to have the child examined by a competent specialist when he is young. Some forms of treatment can be started as early as the age of one year. If treated early, preferably before the child is four years old, crossed eyes can usually be corrected.

The eye specialist may recommend glasses, exercises for the eye muscles, placing a patch over the good eye or possibly an operation. "The operation is not dangerous. Its effect on the child is about like a tonsil removal," according to a recent statement by the National Society for the Prevention of Blindness.

Don't delay, Miss Brimhall cautions. The younger the child the easier it is to help him.

Hydrographic Bureau

Navies in World War I had so much trouble understanding each other's hydrographic publications that the British and French called a conference in 1919 to straighten things out. From this 24-nation session, held in London, came the International Hydrographic Bureau, given a home in Monaco by the late Prince Albert I. Work of the Bureau today is particularly fascinating where it deals with the latest navigational inventions. Among these are radar, loran, and depth finding by echo. Like so many other international institutions, however, the Bureau is frustrated by the cleavage between East and West. Only one Iron Curtain country—Poland—is a member. It did not send delegates to the recent conference.

Absolute Zero

The temperature of absolute zero is about 460 degrees below zero, Fahrenheit, or minus 273 on the Centigrade scale. Heat is a movement of the molecules of which a material is made, and the faster they are moving the higher is the temperature. As a thing cools, these molecules slow down in their motion, and at absolute zero they would come to rest. Obviously they cannot move any more slowly than when they are standing still, and that is why absolute zero is the limit of coldness. Scientists have been able to reach temperatures within a few thousandths of a degree of absolute zero.

Mammals

According to zoologists there is good evidence that all mammals, whether they now inhabit land or sea, originally lived on the land. The first mammals, it is believed, were descended from land-living reptiles whose own remote ancestors, probably, originally came from the sea. Experts on development of the mammals think that whales have developed from ancient hoofed animals, strange as this may seem.

Why Spuds Turn Brown

Potatoes turn brown when peeled because of compounds in the potato called tyrosin and tyrosinase. A complex chemical reaction occurs when the inner layer of the potato is exposed to oxygen in the air, and leads to the formation of a pigment called melanin, which gives the brown color. Melanin is also responsible for the color of dark hair, brown eyes, and the skin of the colored races.

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I MAKE COVERED buttons, buckles and belts at my home. Mrs. Don Alexander. 49-3tp

TYPEWRITER FOR SALE— Woodstock machine, been used very little—good condition. Price, typewriter and table \$49.00. At Briscoe County News office.

FOR YOUR POLIO INSURANCE—See Roy Teeter. 28-tfc.

LOANS FOR IRRIGATION Wells—Phone 2131. Roy Teeter. 39-tfc

IF YOU HAVE FARM Property for sale see me. Carl Crow. 33-tfc

IF YOU HAVEN'T bought your automobile liability insurance. I have a few policies left. Carl Crow. 33-tfc

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THE LOCKNEY GENERAL HOSPITAL wishes to announce to the public the visiting and clinic hours for hospital patients:

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